

METEOROLOGICAL REGISTER

FOR TWELVE YEARS,

FROM 1831 TO 1842 INCLUSIVE:

COMPILED FROM

OBSERVATIONS

MADE BY THE

OFFICERS OF THE MEDICAL DEPARTMENT OF THE ARMY

AT THE

MILITARY POSTS OF THE UNITED STATES.

PREPARED UNDER THE DIRECTION OF
BREVET BRIG. GEN'L THOMAS LAWSON,
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1851.

P R E F A C E.

Those interested in the progress of Meteorological Science are doubtless aware that a system of Meteorological Observations was commenced in 1819, by Surgeon-General Joseph Lovell; under the auspices of the Hon. J. C. Calhoun, then Secretary of War.

The first fruits of the labors of the Medical Department of the army in this field were laid before the public in 1826, when tabular abstracts of mean temperatures, &c., were published under the title of "A Meteorological Register, for the years 1822, 1823, 1824, and 1825, from observations made by the Surgeons of the army at the military posts of the United States."

A second Register after the same form was prepared and published in 1840, under the direction of the present Surgeon-General Doctor Thomas Lawson, who succeeded to Doctor Lovell's responsible position, after the decease of the latter, in October, 1836. This Register gave the abstracted results of the observations taken during the five years succeeding the first publication, from 1825 to 1830, inclusive.

The present publication stands third in the series of Registers issued from the Surgeon-General's Office, and embraces the results of observations made by the officers of the Medical Department of the army, from 1831 to 1842, inclusive, a period of twelve years. These observations have been examined and tabulated; so as to correspond in form with the abstracts heretofore published; and with them give for comparison an uninterrupted series of Meteorological data, collected within the limits of the United States, extending through a period of twenty-one years.

The importance and general value of Meteorological observations need not be dwelt upon at the present day. On all sides we see a just appreciation of the benefits to be derived from their careful study and comparison. In our own country, numerous corps of observers have been, and are being organized, for the express purpose of collecting the material necessary for the solution of many of the perplexing problems now under consideration by the scientific world.

The system of observations first instituted in 1819, has been steadily continued, under a modified form, to the present day. From time

to time, in accordance with the recommendations of scientific men, various improvements have been introduced; additional instruments employed; the hours for taking the observations changed; their number increased, and indeed every endeavor made to keep pace with the demands of a science so important and so constantly progressive as that of meteorology. It cannot be expected, however, that the Meteorological Observations taken at all the military Posts in the United States should be attended with that extreme accuracy, &c., which is attainable at institutions, where many persons are specially employed, and exclusively engaged by day and by night in the prosecution of these scientific researches.

The officers of the Medical Staff of the army have other duties to perform than that of keeping a diary of the weather. They have, in addition to their military and professional duties proper, when stationed at a frontier post, frequently to give, from courtesy and kindness, from motives of charity, in fact from the actual necessity of the case, their professional services to the inhabitants of the surrounding country. It is, therefore, impossible for the Medical Officer to be at all times present to take the observations himself; hence the duty devolves in some measure upon the hospital steward, who though selected for his general intelligence, may not be so observant of the prescribed rules, nor feel the necessity of extreme accuracy in taking Meteorological Observations, as might be desired.

Notwithstanding the most careful supervision, errors will occur; but the effect of these, as will be seen on an examination of the abstracts, are completely lost in the mass of correct facts arranged and averaged for publication.

Owing to the exigencies of the service, a number of our military posts are frequently unoccupied; and others again are altogether abandoned. These constant changes in the location of the troops, prevent observations being continued at the same points through a long series of years.

A comparatively short period of time places the outpost in the midst of a population dense and far advanced in civilization, and its garrison is then removed to some other point where protection to the frontier settlers is more imperatively required. Thus our posts have gradually moved farther and farther west, until now they are established upon the very shores of the Pacific.

Our Meteorological Observations at these last points, commenced

while the adjacent country is still in its primitive wild and uncultivated state, will aid materially in determining the influences of the progress of civilization—that is, the effect of the improvement of a country—on climate, temperature, and atmospheric phenomena generally.

It will be perceived, as was remarked before, that the twelve years abstracts now published are drawn up and arranged after the same form as those published in 1826 and 1840. The hourly and monthly mean temperatures are deduced from observations taken daily at 7 A. M., and at the hours of 2 and 9 P. M. From the direction of the winds and the character of the weather, reported at the same hours, the monthly and yearly tabular results are also deduced.

In 1836, rain gauges were furnished to many of the posts, by which the daily falls of rain and snow could be measured and entered upon the tables in inches and the fractions of an inch. The instrument employed is the conical rain gauge of De Witt; and observations are ordered to be made immediately after every shower or fall of rain or snow. The following are the instructions issued by the Department for its observers:

“The instrument used to measure the quantity of rain which falls, is the conical rain gauge. It will be kept remote from all elevated structures at a distance at least equal to their height, and still further off, where it can be conveniently done. It is to be suspended in a circular opening, made in a board, which is to be fixed to a post, eight feet from the ground; the opening to be five inches in diameter, and beveled, so as to fit the side of the gauge, into which the cap is to be fixed, base downwards, to prevent evaporation. The measurement is made by putting down perpendicularly to the bottom of the gauge the measuring stick, and applying it from its point to the water mark, on the scale, which will express the quantity in inches, or their decimals. The graduation of the scale is by hundredths of an inch for the first three-tenths of an inch, and above that by tenths and half tenths. Parts of degrees will be measured by the eye, and set down in decimals. If a rain continue for any length of time, the quantity in the gauge will be measured at suitable intervals, before the water rises high in it, and the measurements summed up at the close.

“In freezing weather, when the rain gauge cannot be used out of doors, it will be taken into the room, and a tin vessel will be substituted for receiving the snow, rain, or sleet that may then fall. This vessel must have its opening exactly equal to that of the rain gauge,

and widen downwards to a sufficient depth, with a considerable slope. It should be placed where nothing can obstruct the descending snow from entering; and where no drift snow can be blown into it. During a continued snow storm, the snow may be occasionally pressed down. The contents of the vessel must be melted by placing it near the fire, with a cover to prevent evaporation, and the water produced poured into the gauge to ascertain its quantity, which must then be entered on the Register."

In 1842, the number of daily observations was increased, and the thermometer and direction of the wind was required to be noted at sunrise, 2 P. M., sunset, and 9 P. M.

On the 1st of January, 1843, the improved system of observations now in use by the Medical Department of the army was commenced, and is in operation at the present time at* all the more permanent posts within the limits and upon the frontiers of the United States, wherever officers of the Medical Staff and troops are stationed.

The accompanying tables give the mean temperatures of each particular month, at each post, of the various seasons, and of the year; the monthly and yearly range of the thermometer, the prevalent winds, the number of fair, cloudy, rainy, or snowy days; and for the last few years the fall of rain. The observations at those points only where they were continuously taken for an entire year, are published. They embrace, during the twelve years, results obtained at sixty-two different points, lying between the $24^{\circ} 20'$ degree of north latitude, (Key West Barracks,) and the $47^{\circ} 15'$ of Fort Kent, Maine; from the $66^{\circ} 58'$ degree of west longitude, Fort Sullivan, to the $95^{\circ} +$ of Fort Gibson, a range of about 23 degrees from north to south, and 31 degrees from east to west.

The Department has made no attempt to deduce any results from the mass of facts it has accumulated. It offers the following collection of materials to those interested in the progress of meteorology, trusting that in the hands of such as enjoy leisure, opportunity, and a love of the subject, it may be profitably employed in the elucidation of many of the interesting theories of this important science.

*For a full description of the system of Meteorological Observations now in use by the Department, reference can be had to the transactions of the American Philosophical Society, or to the New York Journal of Medicine, Vol. 2, page 135, where will be found a paper by Surgeon Thomas G. Mower, United States army, who has given an interesting and detailed history of the operations of the Medical Bureau in this field.

PLACES OF OBSERVATION.	POSITION.			REMARKS.
	Lat.	Long.	No. of ft. above level of the sea.	
Fort Kent	47 15 04	68 35 25	575	Mouth of Fish river, Maine.
Fort Fairfield	46 46 07	67 49 40	415	On the Aroostook river, Maine.
Fort Brady	46 29 55	84 43 00	595	Sault Ste. Marie, Wisconsin.
Hancock Barracks	46 07 38	67 49 01	620	Houlton, Maine.
Fort Mackinack	45 51 00	85 05 00	728	Island of Mackinack, Lake Huron.
Rouse's Point	45 00 26	73 20 52	-	Lake Champlain.
Fort Sullivan	44 54 28	66 58 20	-	Eastport, Maine.
Fort Snelling	44 52 46	93 04 54	780	Mouth of St. Peter's river, Minnesota.
Plattsburgh Barracks	44 41 00	73 26 00	-	Lake Champlain, New York.
Fort Howard	44 37 30	87 00 00	600	Green Bay, Lake Michigan.
Fort Winnebago	43 35 00	88 58 00	-	Source of Fox river, Wisconsin.
Madison Barracks	43 57 00	76 04 00	250	Sackett's Harbor, New York.
Fort Preble	43 39 04	70 20 30	-	Portland, Maine.
Fort Niagara	43 15 00	79 05 00	250	Niagara river; New York.
Fort Crawford	43 03 06	91 09 19	580	Prairie du Chien, Wisconsin.
Fort Constitution	43 04 00	70 49 00	-	Portsmouth, New Hampshire.
Fort Atkinson	42 55 00	88 46 30	-	Wisconsin.
Buffalo Barracks	42 53 00	78 55 00	-	Buffalo, New York.
Fort Gratiot	42 51 00	82 53 00	578	St. Clair river, Michigan.
Watervliet Arsenal	42 50 00	73 55 00	-	Watervliet, New York.
Fort Independence	42 22 00	71 02 00	-	Boston Harbor, Massachusetts.
Watertown Arsenal	42 21 00	72 17 00	-	Near Boston, Massachusetts.
Detroit Barracks	42 19 18	82 58 00	-	Detroit, Michigan.
Dearbornville Arsenal	42 20 00	83 01 30	-	Dearbornville Arsenal.
Fort Dearborn	41 50 00	87 54 00	591	Chicago, Illinois.
Fort Wolcott	41 30 00	71 18 00	-	Newport, Rhode Island.
Fort Adams	41 30 00	71 19 00	-	Newport, Rhode Island.
Fort Armstrong	41 28 00	90 33 00	-	Rock Island, Mississippi river, Ill.
West Point	41 23 30	74 00 00	167	New York.
Fort Trumbull	41 22 00	72 05 00	-	New London, Connecticut.
Fort Columbus	40 42 00	74 09 00	22	Governor's Island, N. York harbor.
Fort Wood, N. Y.	40 42 40	74 11 00	-	Bedlow's Island, New York harbor.
Alleghany Arsenal	40 26 00	82 02 00	704	Pittsburg, Pennsylvania.
Carlisle Barracks	40 03 00	76 50 00	-	Carlisle, Pennsylvania.
Fort Leavenworth	39 20 00	94 52 00	912	Missouri river.
Fort McHenry	39 03 00	76 49 00	-	Baltimore, Maryland.
Fort Severn	38 58 00	76 27 00	-	Annapolis, Maryland.
Washington City	38 53 34	77 01 30	-	District of Columbia.
Fort Washington	38 41 00	76 58 00	115	Potomac river.
Jefferson Barracks	38 28 00	90 08 00	382	Near St. Louis, Missouri.
Bellona Arsenal	37 48 00	77 53 00	-	James river, Virginia.
Fort Monroe	38 02 00	76 12 00	-	Old Point Comfort, Virginia.
Fort Wayne	36 25 00	94 28 30	-	Cherokee Nation.
Fort Gibson	35 47 00	95 10 00	543	Cherokee Nation, Arkansas.
Fort Smith	35 25 00	94 49 00	-	Arkansas.
Fort Macon	34 42 00	76 46 00	-	Beaufort, North Carolina.
Little Rock Arsenal	34 40 00	92 12 00	-	Little Rock, Arkansas.
Fort Johnston	34 00 00	78 05 00	-	Smithville, North Carolina.
Fort Towson	33 53 00	94 13 00	-	Sevier County, Arkansas.
Augusta Arsenal	33 28 00	81 53 00	-	Augusta, Georgia.

<p>1. Name of station</p> <p>2. Locality</p> <p>3. Elevation</p> <p>4. Name of observer</p> <p>5. Name of observer</p> <p>6. Name of observer</p> <p>7. Name of observer</p> <p>8. Name of observer</p> <p>9. Name of observer</p> <p>10. Name of observer</p>	<p>11. Name of observer</p> <p>12. Name of observer</p> <p>13. Name of observer</p> <p>14. Name of observer</p> <p>15. Name of observer</p> <p>16. Name of observer</p> <p>17. Name of observer</p> <p>18. Name of observer</p> <p>19. Name of observer</p> <p>20. Name of observer</p>
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<p>1. Name of station</p> <p>2. Locality</p> <p>3. Elevation</p> <p>4. Name of observer</p> <p>5. Name of observer</p> <p>6. Name of observer</p> <p>7. Name of observer</p> <p>8. Name of observer</p> <p>9. Name of observer</p> <p>10. Name of observer</p>	<p>11. Name of observer</p> <p>12. Name of observer</p> <p>13. Name of observer</p> <p>14. Name of observer</p> <p>15. Name of observer</p> <p>16. Name of observer</p> <p>17. Name of observer</p> <p>18. Name of observer</p> <p>19. Name of observer</p> <p>20. Name of observer</p>
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JANUARY.

No. I.

PLACES or OBSERVATION.	THERMOMETER.					WINDS.						WEATHER.							
	Mean Temperature.			Aggregate Mean Temperature.	Highest degree.	Lowest degree.	Range.	N. N.W.	N. E.	E. S. E.	S. S. W.	W. W.	Prevalling.	Fair.	Cl'dy.	Rain.	Snow.	Days.	Days.
	A. M.	P. M.	P. M.																
Fort Brady	10.38	22.09	13.83	15.43	45	-20	65	4	7	2	6	-	5	2	15	7	1	8	Fair.
Hancock Barracks	7.54	20.74	9.25	12.51	52	-13	65	2	14	10	3	-	1	-	21	3	1	6	Fair.
Fort Mackinack	13.64	19.90	15.90	16.48	34	-10	44	-	3	1	3	-	9	13	21	9	2	10	Cl'dy.
Fort Sullivan	19.16	22.45	18.00	19.87	52	-8	60	3	15	4	2	-	1	4	20	8	2	1	Fair.
Fort Snelling	1.54	18.06	6.93	8.84	32	-20	52	4	3	1	-	-	5	16	13	0	0	6	Cl'dy.
Fort Howard	2.51	18.64	8.64	9.93	30	-30	60	7	6	1	-	-	1	10	17	7	0	7	Fair.
Fort Winnebago	6.90	21.80	12.61	13.77	36	-20	56	5	3	1	-	-	5	4	15	8	1	4	Fair.
Madison Barracks	12.77	22.32	19.61	18.23	57	-16	73	9	6	3	3	-	3	4	18	14	2	2	Cl'dy.
Fort Preble	17.06	25.80	20.32	21.06	51	1	50	1	1	9	2	-	9	11	19	7	2	1	Fair.
Fort Niagara	23.29	28.90	24.70	25.63	61	8	53	-	9	5	9	-	6	7	22	11	1	3	Cl'dy.
Fort Crawford	5.12	17.58	7.06	9.92	32	-23	55	9	5	7	1	-	3	10	13	18	-	3	Fair.
Fort Constitution	18.74	26.25	20.35	21.78	50	-3	47	1	11	3	3	-	9	5	18	6	1	6	Fair.
Fort Gratiot	16.77	26.58	20.45	21.26	45	-2	53	2	11	3	1	-	3	9	23	4	1	3	Fair.
Waterviet Arsenal	16.12	25.74	20.61	20.82	59	-6	65	4	8	-	-	-	7	9	21	4	2	4	Fair.
Fort Independence	20.54	31.19	23.51	25.08	56	-1	57	1	17	5	2	-	1	3	16	8	1	6	Fair.
Fort Wolcott	21.12	30.06	23.96	25.04	53	-2	51	1	11	4	2	-	9	3	21	4	2	4	Fair.
Fort Armstrong	6.48	20.54	12.29	13.10	40	-13	53	4	4	4	-	-	5	7	19	11	1	1	Fair.
West Point	21.06	27.70	24.48	24.41	55	-3	58	13	9	4	-	-	1	1	24	2	2	3	Fair.

JANUARY—CONTINUED.

No. 1.

PLACES OF OBSERVATION.	THERMOMETER.				WINDS.				WEATHER.																			
	Mean Temperature.				Highest degree.	Lowest degree.	Range.	WINDS.				WEATHER.																
	A. M.	P. M.	P. M.	P. M.				N. N.W.	N.E.	E.	S.E.	S.	S.W.	W.	Prevaling.	Fair.	Cl'dy.	Rain.	Snow.	Prevaling.								
VII.	II.	IX.		Aggregate	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days										
Fort Trumbull	27.48	32.67	30.03	30.06	56	8	48	15	11	-	-	-	-	16	11	1	3	16	1	1	3	Fair.	16	11	1	3	Fair.	
Fort Columbus	22.25	30.51	24.45	25.73	54	8	46	6	6	1	1	1	1	6	10	4	4	15	15	15	15	15	15	15	15	15	Fair.	
Fort Leavenworth	12.96	27.06	18.51	19.51	39	-	4	43	7	10	2	1	1	6	4	4	1	1	1	1	1	1	1	1	1	1	1	Cl'dy.
Fort McHenry	24.16	33.86	27.96	28.66	60	0	60	5	9	6	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	Cl'dy.
Fort Severn	25.00	31.64	26.96	27.86	56	10	46	2	14	5	1	2	2	4	1	3	2	1	1	1	1	1	1	1	1	1	1	Cl'dy.
Washington City	20.25	35.74	24.51	26.83	63	1	62	13	7	1	1	1	1	2	10	1	2	10	1	4	9	1	1	1	1	1	1	Cl'dy.
Fort Monroe	33.03	39.25	35.74	36.00	64	16	48	1	8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	Cl'dy.
Fort Gibson	24.90	37.41	28.12	30.14	60	2	58	2	5	2	4	2	2	2	4	2	1	12	3	12	3	1	1	1	1	1	1	Fair.
Fort Johnston	37.96	49.25	41.90	43.03	65	19	46	2	4	2	4	2	2	2	10	9	2	10	9	9	2	2	2	2	2	2	2	Fair.
Augusta Arsenal	33.83	47.87	41.25	40.98	67	12	55	-	10	7	1	5	5	2	7	1	5	2	7	1	9	2	2	2	2	2	2	Fair.
Fort Moultrie	42.00	49.25	45.67	45.64	68	24	44	1	10	9	1	2	2	2	10	9	2	10	9	9	2	2	2	2	2	2	2	Fair.
Fort Jesup	33.22	51.70	39.38	41.43	74	17	57	12	7	1	4	4	4	4	1	4	4	4	4	4	4	4	4	4	4	4	4	Fair.
Baton Rouge Bar'ks	38.54	53.35	46.61	46.16	71	28	43	10	10	6	5	4	4	4	3	2	6	3	1	3	2	2	2	2	2	2	2	Fair.
Fort Pike	44.51	54.12	49.32	49.31	72	32	40	3	8	5	3	3	3	3	2	1	4	1	1	4	1	1	1	1	1	1	1	Fair.
Fort Marion	47.00	58.16	51.25	52.13	74	21	53	2	15	5	3	3	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	Fair.
Fort Brion	49.87	63.22	55.07	56.05	80	28	52	0	9	4	3	4	4	0	9	4	3	4	3	4	3	4	4	4	4	4	4	Fair.
Key West Barracks	65.58	70.25	66.64	67.49	82	50	32	12	5	3	4	4	4	3	12	5	3	12	5	3	12	5	3	12	5	3	12	Fair.

FEBRUARY.

No. II.

PLACES OF OBSERVATION.	THERMOMETER.						WINDS.						WEATHER.													
	Mean Temperature.			Aggregate Mean Temperature.	Highest degree.	Lowest degree.	Range.	N.	N.W.	N.E.	E.	S.E.	S.	S.W.	W.	Prevailing.	Fair.	Cl'dy.	Rain.	Snow.	Days.	Days.	Days.	Days.	Days.	
	A. M.	P. M.	P. M.																							
	VII.	II.	IX.																							
Fort Brady	11.78	26.32	12.50	16.86	45	-14	59	1	2	8	13	2	1	-	1	1	8	9	1		8	10	10	10	10	Cl'dy.
Hancock Barracks	13.92	28.42	15.25	19.19	46	-9	55	2	10	11	3	4	-	-	2	2	20	2	2		17	2	1	10	10	Fair.
Fort Mackinack	10.32	20.60	14.00	14.97	42	-14	56	2	4	6	2	2	-	3	3	3	19	4	3		19	2	3	2	2	Fair.
Fort Sullivan	21.03	28.35	24.35	24.57	41	0	41	3	8	4	2	-	5	3	3	3	19	12	2		12	2	2	2	2	Fair.
Fort Snelling	5.14	23.96	13.03	14.04	50	-20	82	5	1	1	2	1	12	6	1	1	19	1	2		19	2	2	6	4	Cl'dy.
Fort Howard	4.50	21.57	12.07	12.71	54	-28	82	2	7	1	2	1	14	7	3	21	19	2	1		21	1	1	2	2	Fair.
Fort Winnebago	11.17	28.32	17.34	18.94	54	-24	78	3	8	1	2	1	4	2	4	10	15	17	3		10	11	3	6	3	Fair.
Madison Barracks	16.50	29.42	20.85	22.25	56	-4	52	5	3	4	2	1	4	1	10	10	15	7	3		15	7	3	3	6	Cl'dy.
Fort Preble	18.96	31.39	23.07	24.47	44	3	41	5	3	4	2	1	4	1	5	5	50	5	2		5	2	2	3	9	Fair.
Fort Niagara	20.10	31.21	25.35	25.55	50	0	50	2	4	2	2	1	3	11	5	12	12	5	2		12	5	2	1	1	Cl'dy.
Fort Crawford	12.53	27.78	16.39	18.90	56	-25	81	2	9	4	1	1	9	2	1	9	56	1	1		9	1	1	1	1	Fair.
Fort Constitution	21.00	30.78	24.06	25.28	44	6	38	2	9	2	1	1	5	9	2	5	50	3	3		12	3	2	2	1	Fair.
Fort Gratiot	14.78	27.71	18.03	20.17	41	-15	46	2	10	2	-	4	3	8	5	16	16	17	1		16	17	1	3	2	Fair.
Watervliet Arsenal	13.46	26.16	18.13	19.25	42	-11	53	2	10	2	-	1	3	4	10	17	17	8	1		17	8	1	5	2	Fair.
Fort Independence	21.78	32.75	25.35	26.62	48	9	39	2	18	2	-	1	3	3	1	20	20	3	3		20	3	3	2	2	Fair.
Fort Wolcott	22.35	33.03	24.60	26.66	46	10	36	1	16	-	-	2	1	6	2	20	20	3	3		20	3	3	2	2	Fair.
Fort Armstrong	10.96	24.96	17.25	17.72	52	-14	66	3	2	3	4	2	3	3	1	10	15	11	1		15	11	1	2	2	Fair.
West Point	18:21	29.00	24.75	23.98	42	0	42	2	17	-	1	1	2	2	2	3	42	2	2		3	2	2	2	2	Fair.

FEBRUARY—CONTINUED.

No. II.

PLACES OF OBSERVATION.	THERMOMETER.				Range.	Lowest degree.	Highest degree.	Mean Temperature.	WINDS.							WEATHER.																	
	Mean Temperature.								Prevaling.	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days												
	A. M.	P. M.	P. M.	P. M.																		N.	N.W.	N.E.	E.	S.E.	S.	S.W.	W.	Fair.	Cl'dy.	Rain.	Snow.
	VII.	II.	IX.																			Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days
Fort Trumbull	28.42	34.92	30.82	31.38	36	14	50	31.38	4	17	2	-	-	-	-	-	-	5	3	3	3	4	1	23	4	1	Fair.						
Fort Columbus	23.46	32.25	23.14	26.28	34	12	44	26.28	2	12	1	-	-	-	-	-	-	7	3	6	1	3	1	24	1	3	Fair.						
Fort Leavenworth	19.46	31.92	21.82	24.40	34	-12	72	24.40	6	2	2	2	9	3	6	5	3	3	3	5	3	3	3	17	7	1	Fair.						
Fort McHenry	25.35	36.96	30.03	30.78	40	10	52	30.78	1	10	4	1	4	-	4	6	6	3	3	6	2	2	2	20	3	3	Fair.						
Fort Severn	23.25	33.32	26.89	27.82	44	8	52	27.82	2	7	2	2	8	-	2	6	4	3	3	2	6	2	2	19	6	2	Fair.						
Washington City	20.39	39.39	28.18	29.32	39	3	49	29.32	2	14	2	2	2	-	2	4	4	2	2	2	6	4	1	23	1	1	Fair.						
Fort Monroe	34.00	42.14	37.39	37.84	37	20	57	37.84	2	4	8	3	9	2	2	2	2	8	2	2	2	4	10	14	10	1	3	Fair.					
Fort Gibson	26.71	43.54	33.39	34.54	73	-	70	34.54	-	8	3	9	3	2	1	2	8	2	1	2	8	3	3	21	3	3	Fair.						
Fort Johnston	39.28	50.82	42.71	44.27	37	25	62	44.27	1	11	4	1	4	-	1	7	7	3	3	3	1	6	21	10	11	1	6	Fair.					
Augusta Arsenal	37.64	53.25	45.82	45.57	52	20	72	45.57	2	5	2	2	2	-	1	7	7	3	3	3	3	3	21	11	3	3	1	Fair.					
Fort Moultrie	44.42	52.35	48.63	48.46	32	33	65	48.46	3	6	13	1	3	-	1	5	4	3	3	4	4	4	21	6	2	6	1	Fair.					
Fort Jessup	35.60	56.10	44.42	45.37	65	13	78	45.37	3	9	9	1	9	-	1	5	4	3	3	4	4	4	19	2	2	6	1	Fair.					
Baton Rouge Bar'ks	40.39	55.82	49.64	48.61	46	26	72	48.61	6	4	1	1	9	-	1	1	1	2	1	2	2	2	19	2	2	4	4	Fair.					
Fort Pike	47.25	56.35	51.03	51.54	28	28	72	51.54	9	2	3	11	1	1	3	3	3	1	1	2	2	2	20	4	4	4	4	Fair.					
Fort Marion	52.28	59.21	54.60	55.36	33	33	76	55.36	3	4	11	4	4	3	3	3	3	2	2	1	1	1	15	7	7	2	2	Fair.					
Fort Brooke	54.50	66.64	59.14	60.09	42	37	79	60.09	3	1	10	6	9	-	1	2	2	2	2	1	1	1	7	21	5	5	2	Fair.					
Key West Barracks	67.57	72.07	68.50	69.38	25	57	82	69.38	7	2	2	3	3	-	1	1	1	3	3	3	3	3	14	14	14	9	9	Fair.					

MARCH.

No. III.

PLACES of OBSERVATION.	THERMOMETER.				Range.	WINDS.						WEATHER.							
	Mean Temperature.					Highest degree.	Lowest degree.	N.	N.W.	E.	S.E.	S.	S.W.	W.	Fair.	Cl'dy.	Rain.	Snow.	Prevailing.
	A. M.	P. M.	P. M.	I. X.															
	VII.					VIII.				IX.				Days					
Fort Brady	29.38	39.25	32.54	33.72	50	5	45	1	6	14	4	1	1	3	6	8	9	Cl'dy.	
Hancock Barracks	26.83	38.16	28.96	31.31	54	-1	55	1	8	9	7	1	1	-	19	6	5	Fair.	
Fort Mackinack	28.48	34.93	29.25	30.88	47	4	43	1	3	6	5	1	4	11	7	7	11	Cl'dy.	
Fort Sullivan	32.19	40.48	33.70	35.45	53	16	37	2	5	3	8	6	4	2	14	9	5	Cl'dy.	
Fort Snelling	26.96	39.06	30.83	32.28	58	4	54	2	12	1	-	3	3	10	12	8	4	Cl'dy.	
Fort Howard	28.96	39.93	32.19	33.69	60	0	60	5	3	2	-	18	1	2	9	3	9	Cl'dy.	
Fort Winnebago	35.54	46.74	38.19	40.12	68	10	58	2	2	1	1	7	7	13	18	5	10	Fair.	
Madison Barracks	39.39	46.35	38.51	41.41	65	20	45	2	2	2	1	4	2	13	10	19	1	Cl'dy.	
Fort Preble	33.61	45.70	36.77	38.69	60	19	41	2	2	2	3	10	6	6	9	11	6	Cl'dy.	
Fort Niagara	38.58	47.09	41.03	42.23	61	26	35	-	5	2	1	-	14	8	8	5	11	Cl'dy.	
Fort Crawford	32.16	44.16	34.09	36.80	60	8	52	6	4	-	2	11	1	7	9	21	1	Cl'dy.	
Fort Constitution	35.06	45.80	37.64	39.50	62	22	40	-	4	-	1	9	4	2	13	14	4	Cl'dy.	
Fort Gratiot	34.16	45.22	36.58	38.65	61	21	40	-	4	-	1	9	4	3	7	6	12	Cl'dy.	
Watervliet Arsenal	32.03	48.09	37.00	39.04	68	16	52	2	8	1	1	9	4	3	7	9	4	Fair.	
Fort Independence	37.45	49.25	40.51	42.40	63	23	40	-	10	1	2	2	1	14	1	19	3	Fair.	
Fort Wolcott	35.25	46.80	37.00	39.68	60	22	38	1	8	2	2	2	1	16	1	10	1	Cl'dy.	
Fort Armstrong	33.32	45.16	38.19	38.89	64	10	54	2	1	4	1	4	4	8	13	16	2	Cl'dy.	
West Point	37.93	47.16	42.42	42.50	60	25	35	8	5	-	3	8	5	2	19	9	3	Fair.	

No. IV.

APRIL.

PLACES OF OBSERVATION.	THERMOMETER.					Range.	WINDS.							WEATHER.												
	Mean Temperature.			Aggregate	Highest degree.		Lowest degree.	N.	N.W.	N.E.	E.	S.E.	S.	S.W.	W.	Prevailing.	Fair.	Cl'dy.	Rain.	Snow.	Days.	Days.	Days.	Days.	Prevailing.	
	A. M.	P. M.	P. M.																							VII.
								Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	
Fort Brady	34.70	48.53	34.36	39.19	68	20	4	4	3	11	2	1	1	4	E.	13	7	2	8	13	17	2	10	1	8	Cl'dy.
Hancock Barracks	35.56	49.40	38.23	41.06	65	17	48	8	5	7	7	2	3	5	N.W.	17	2	10	1	17	2	10	1	8	Fair.	
Fort Mackinack	35.70	42.26	34.80	37.58	62	20	42	1	9	2	2	1	5	3	E.	18	4	8	12	10	10	8	2	5	Fair.	
Fort Sullivan	40.03	47.96	40.46	42.81	61	25	36	5	4	3	7	5	3	2	S.E.	12	10	8	11	12	10	2	5	Cl'dy.		
Fort Snelling	40.36	52.40	42.63	45.13	79	26	53	4	3	2	2	7	2	9	W.	11	12	2	18	5	4	3	2	5	Fair.	
Fort Howard	35.53	48.33	38.86	40.90	70	24	46	13	4	1	10	2	1	10	N.	18	5	4	21	1	6	2	2	3	Fair.	
Fort Winnebago	44.30	55.86	47.40	49.18	83	27	56	2	1	1	2	8	6	10	W.	14	6	8	21	1	6	2	2	2	Cl'dy.	
Madison Barracks	46.93	53.26	46.80	48.99	68	28	40	2	1	5	4	5	6	6	S.W.	12	11	9	11	9	2	15	2	2	Cl'dy.	
Fort Preble	42.40	53.13	42.53	45.02	68	28	40	7	4	4	1	10	3	7	W.	18	2	15	12	2	15	2	1	1	Cl'dy.	
Fort Niagara	42.70	48.73	43.63	45.02	67	30	37	4	5	3	1	10	3	7	N.	12	16	5	14	16	5	5	7	3	Cl'dy.	
Fort Crawford	41.40	55.23	45.16	47.26	78	28	50	8	4	4	4	4	3	4	S.	14	16	5	14	16	5	5	7	3	Cl'dy.	
Fort Constitution	43.13	50.33	43.46	45.64	64	31	33	1	19	4	4	7	3	4	N.E.	14	11	11	15	15	15	5	7	3	Fair.	
Fort Gratiot	42.80	48.06	41.80	44.22	76	23	53	1	16	3	4	2	2	3	N.W.	18	4	8	15	18	4	8	1	1	Fair.	
Waterviet Arsenal	44.00	57.36	45.96	49.10	72	27	45	1	6	6	1	1	7	1	N.E.	7	12	10	11	15	3	11	1	1	Cl'dy.	
Fort Independence	44.96	56.13	47.36	49.48	67	29	38	1	5	9	6	4	1	10	S.W.	13	17	10	11	13	17	10	1	1	Cl'dy.	
Fort Wolcott	42.43	54.30	45.60	47.44	66	32	34	1	4	6	4	1	9	1	W.	7	12	10	11	13	17	10	1	1	Cl'dy.	
Fort Armstrong	41.13	56.26	48.30	48.56	87	28	59	3	6	3	4	1	6	4	S.	11	16	3	11	16	3	16	3	1	1	Cl'dy.
West Point	47.06	55.80	52.66	51.84	70	32	38	1	7	3	4	12	6	1	S.	11	16	3	11	16	3	16	3	1	1	Cl'dy.

APRIL--CONTINUED.

No. IV.

PLACES OF OBSERVATION.	THERMOMETER.				Range.	WINDS.						WEATHER.													
	Mean Temperature.					Highest degree.	Lowest degree.	N.	N.W.	N.E.	S.	S.W.	W.	Fair.	Cl'dy.	Snow.									
	A. M.	P. M.	P. M.	P. M.													Days	Days	Days	Days	Days	Days	Days	Days	Days
	VII.	II.	IX.	IX.																					
Fort Trumbull	51.16	56.26	53.46	53.62	65	40	25	1	4	4	6	-	15	3	12	11	7	Cl'dy.							
Fort Columbus	46.63	56.43	46.83	49.96	72	29	43	-	3	2	1	14	2	5	3	17	8	Fair.							
Fort Leavenworth	49.20	62.83	53.40	55.14	79	33	46	3	6	4	8	11	3	6	18	11	1	Fair.							
Fort McHenry	51.53	60.96	57.00	56.49	76	36	40	1	6	2	8	4	3	5	10	17	3	Cl'dy.							
Fort Severn	49.70	60.50	53.10	54.43	80	34	46	1	10	5	4	4	5	1	9	11	10	Cl'dy.							
Washington City.	46.00	65.20	54.00	55.06	78	31	47	1	10	4	1	3	5	1	16	10	4	Cl'dy.							
Fort Monroe	53.80	61.10	57.50	57.46	73	37	36	3	3	7	9	6	2	4	21	16	9	Fair.							
Fort Gibson	54.80	73.33	61.26	63.13	91	30	61	1	6	4	5	5	2	4	21	5	4	Fair.							
Fort Johnston	58.50	71.43	62.53	64.15	84	40	44	-	4	4	-	3	1	20	25	2	3	Fair.							
Augusta Arsenal	55.83	77.03	64.23	65.69	88	38	50	-	3	1	-	3	1	18	16	6	8	Fair.							
Fort Moultrie	68.80	70.40	66.73	68.64	79	48	31	-	1	-	-	5	11	12	22	5	3	Fair.							
Fort Jesup.	59.50	73.93	64.80	66.07	84	39	45	-	1	1	2	2	5	7	22	5	3	Fair.							
Baton Rouge Bar'ks	59.50	74.90	65.00	66.46	92	46	46	-	8	-	1	4	2	4	21	1	6	Fair.							
Fort Pike	66.46	72.83	69.06	69.45	82	52	30	2	5	6	1	7	8	6	23	2	9	Fair.							
Fort Marion	65.43	73.80	67.53	68.92	84	50	34	-	4	4	-	12	3	5	21	1	4	Fair.							
Fort Brooke	67.83	78.03	70.96	72.27	87	54	33	-	9	4	3	2	3	7	22	8	2	Fair.							
Key West Barracks	73.00	80.13	74.76	75.96	86	62	24	-	10	9	3	6	1	1	25	2	3	Fair.							

MAY.

No. V.

PLACES OF OBSERVATION.	THERMOMETER.									WINDS.							WEATHER.						
	Mean Temperature.				Aggregate Mean Temperature.	Highest degree.	Lowest degree.	Range	N.	N.W.	N.E.	E.	S.E.	S.	S.W.	W.	Prevaling.	Fair.	Cl'dy.	Rain.	Snow.	Prevaling.	
	A. M.	P. M.	P. M.	P. M.																			VII.
									Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	
Fort Brady	45.90	62.38	46.41	51.56	51.56	92	31	61	4	10	3	3	5	-	1	5	N. W.	16	5	8	2	2	Fair.
Hancock Barracks	49.32	66.61	54.22	56.71	56.71	84	33	51	-	2	1	4	11	4	2	8	S. E.	20	2	9	9	1	Fair.
Fort Mackinack	46.74	52.58	45.51	48.27	48.27	74	34	40	-	4	6	8	2	-	1	-	E.	21	-	9	9	-	Fair.
Fort Sullivan	59.12	59.48	48.80	55.83	55.83	73	40	33	-	2	2	2	13	8	4	-	S. E.	12	14	5	5	-	Cl'dy.
Fort Snelling	56.45	69.12	57.77	61.11	61.11	88	39	49	4	2	3	1	2	6	1	12	W.	17	19	5	6	-	Fair.
Fort Howard	51.03	64.51	54.00	56.51	56.51	94	36	58	8	2	3	4	1	12	4	5	S.	20	5	6	4	-	Fair.
Fort Winnebago	56.70	69.00	58.64	61.44	61.44	96	37	59	3	4	3	4	1	7	4	7	S. W.	15	11	4	1	-	Cl'dy.
Madison Barracks	54.09	64.19	56.19	58.15	58.15	88	37	51	2	2	3	3	2	1	12	6	S. W.	16	7	7	5	-	Fair.
Fort Preble	54.67	64.27	51.35	56.76	56.76	86	38	48	3	3	3	2	1	11	6	6	S. W.	17	9	5	5	-	Fair.
Fort Niagara	55.64	62.54	54.77	57.65	57.65	89	38	51	2	3	7	-	1	3	9	3	S. W.	17	8	12	2	-	Cl'dy.
Fort Crawford	59.41	67.93	58.38	61.90	61.90	92	42	50	12	1	-	6	1	13	1	3	S.	15	17	12	2	-	Fair.
Fort Constitution	53.38	60.32	51.41	55.03	55.03	76	40	36	-	2	2	-	1	4	1	4	S.	17	13	3	3	-	Fair.
Fort Gratiot	54.06	61.38	52.77	56.07	56.07	93	34	59	1	17	-	5	3	4	4	3	N. W.	18	18	1	12	-	Cl'dy.
Waterviet Arsenal	52.74	68.77	58.54	60.01	60.01	94	32	62	3	3	11	4	13	2	15	2	N. W.	21	6	4	4	-	Fair.
Fort Independence	54.67	66.45	56.41	59.17	59.17	85	40	45	-	5	3	-	4	2	9	3	N. E.	19	6	6	6	-	Fair.
Fort Wolcott	51.64	64.14	54.48	56.75	56.75	79	38	41	-	8	1	-	-	2	15	2	S. W.	16	10	5	5	-	Fair.
Fort Armstrong	52.96	66.93	59.03	59.64	59.64	87	39	48	8	2	4	-	-	6	4	6	N.	19	11	1	1	-	Fair.
West Point	59.93	67.06	60.90	62.63	62.63	86	40	46	3	3	1	-	-	16	3	-	S.	24	5	2	2	-	Fair.

JULY.

No. VII.

PLACES of OBSERVATION.	THERMOMETER.					WINDS.							WEATHER.											
	Mean Temperature.			Aggregate Mean Temperature.	Highest degree.	Lowest degree.	Range.	N.	N.W.	N.E.	E.	S.E.	S.	S.W.	W.	Prevalling.	Fair.	Cl'dy.	Rain.	Snow.	Days.	Days.	Days.	Prevalling.
	A. M.	P. M.	P. M.																					
Fort Brady	59.71	76.93	58.71	65.11	94	51	43	3	9	5	1	1	6	6	6	6	22	3	6					Fair.
Hancock Barracks	62.70	79.45	64.06	68.73	88	44	44	1	4	6	5	10	4	1	1	20	24	3	4					Fair.
Fort Mackinack	64.32	69.64	60.29	64.75	82	50	32	-	2	-	5	3	-	2	2	6	24	-	9					Fair.
Fort Sullivan	64.74	73.93	63.77	67.48	84	55	29	-	2	-	1	2	18	2	4	6	18	10	3					Fair.
Fort Snelling	71.58	79.54	70.32	73.81	92	61	31	2	5	1	4	3	5	4	7	6	21	4	6					Fair.
Fort Howard	68.93	82.06	65.12	72.03	92	50	42	2	2	3	2	1	3	14	4	4	24	5	2					Fair.
Fort Winnebago	70.58	78.93	73.96	74.49	88	56	32	3	1	2	-	9	10	2	4	4	16	4	11					Fair.
Madison Barracks	71.22	76.32	69.48	72.34	87	50	37	1	5	1	-	2	11	11	10	4	16	4	11					Fair.
Fort Preble	68.50	80.19	65.90	71.53	92	54	38	1	2	5	2	-	6	8	3	7	18	6	13					Cl'dy.
Fort Niagara	71.74	77.54	71.45	73.57	87	60	27	1	2	1	-	2	-	18	5	3	22	9	-					Fair.
Fort Crawford	72.77	85.70	71.22	76.56	98	54	44	7	2	1	3	-	11	7	3	5	22	10	3					Fair.
Fort Constitution	67.61	73.22	65.77	68.86	86	54	32	-	4	1	3	-	11	6	1	1	19	-	12					Fair.
Fort Gratiot	69.93	78.03	68.14	72.03	91	56	35	7	2	5	1	3	9	6	4	5	23	3	5					Fair.
Waterliet Arsenal	67.87	82.45	70.87	73.73	91	54	37	2	5	4	1	3	11	7	7	4	18	10	3					Fair.
Fort Independence	67.61	73.22	65.77	68.86	86	54	32	-	1	3	3	-	3	11	1	1	18	10	7					Cl'dy.
Fort Wolcott	65.06	76.83	67.96	69.95	83	52	31	1	3	1	4	1	4	1	2	2	14	10	7					Fair.
Fort Armstrong	67.96	82.41	72.67	74.34	96	58	38	1	1	1	4	1	8	3	8	16	18	3	10					Fair.
West Point	69.19	79.45	72.67	73.77	86	58	28	1	1	2	2	-	16	8	2	2	24	6	1					Fair.

AUGUST—CONTINUED.

No. VIII.

PLACES OF OBSERVATION.	THERMOMETER.			WINDS.							WEATHER.										
	Mean Temperature.			Highest degree.	Lowest degree.	Range.	N. N.W. N. E.		S. S.W. W.		Prevaling.	Fair.	Cl'dy.	Rain.	Snow.						
	A. M.	P. M.	P. M.				Days	Days	Days	Days											
	VII.	II.	IX.	Aggregate	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days						
Fort Trumbull	73.54	79.16	74.96	75.88	58	27	5	4	3	6	4	9	2	10	2	23	8	7	6	Fair.	
Fort Columbus	72.96	84.64	71.54	76.38	85	56	42	3	2	12	10	2	10	10	2	18	7	6	3	Fair.	
Fort Leavenworth	65.03	80.32	67.83	71.06	90	51	39	1	1	6	14	1	1	1	1	22	6	3	5	Fair.	
Fort McHenry	72.80	79.19	75.67	75.88	86	57	29	2	3	4	3	4	3	3	3	19	7	5	10	Fair.	
Washington City	72.54	80.35	74.09	75.66	90	62	28	3	3	14	5	3	3	3	3	16	5	10	7	Fair.	
Fort Monroe	68.09	81.35	74.90	74.78	90	51	39	2	3	1	3	10	7	1	9	12	10	9	15	Cl'dy.	
Fort Gibson	76.29	80.70	77.58	78.19	87	66	21	1	7	4	4	10	2	1	1	20	5	6	9	Cl'dy.	
Fort Johnston	69.06	88.35	72.58	76.66	98	58	40	1	6	1	1	2	10	1	1	22	5	4	4	Fair.	
Augusta Arsenal	77.25	88.74	76.80	80.93	100	65	35	1	1	3	3	2	12	1	1	5	18	6	6	Fair.	
Fort Moultrie	80.09	83.16	80.83	81.36	99	74	26	1	1	8	2	9	5	1	1	10	15	6	6	Cl'dy.	
Fort Jesup	71.96	83.64	74.16	76.58	92	62	30	10	2	2	2	2	2	2	3	20	8	3	3	Fair.	
Baton Rouge Bar'ks	74.35	81.16	74.25	76.58	89	63	26	2	1	4	4	11	5	3	3	14	5	12	7	Cl'dy.	
Fort Pike	77.96	83.54	79.96	80.48	89	70	19	2	2	5	1	2	1	2	1	20	7	5	9	Fair.	
Fort Marion	79.77	83.29	80.64	81.23	85	79	6	1	1	22	1	2	3	3	3	20	2	9	2	Fair.	
Fort Brooke	77.25	87.42	78.61	81.09	90	70	20	1	1	3	14	4	3	1	1	3	28	9	2	9	Cl'dy.
Key West Barracks	79.90	84.80	80.03	81.57	87	75	12	1	1	6	12	6	6	3	3	15	2	14	2	14	Cl'dy.

SEPTEMBER.

No. IX.

PLACES OF OBSERVATION.	THERMOMETER.						WINDS.						WEATHER.												
	Mean Temperature.			Aggregate Mean Temperature.	Highest degree.	Lowest degree.	Range.	N.	N.W.	N.E.	E.	S.E.	S.	S.W.	W.	Prevaling.	Fair.	Cl'dy.	Rain.	Snow.	Days.	Days.	Days.	Days.	Prevaling.
	A. M.	P. M.	P. M.																						
Fort Brady	50.26	59.73	51.30	53.76	69	37	1	5	1	4	4	6	1	6	6	S.W.	7	1	21		1	7	1	1	Cl'dy.
Hancock Barracks	50.93	66.16	55.23	57.44	78	43	1	12	4	1	3	3	1	1	13	N.W.	19	5	19		1	19	1	1	Fair.
Fort Mackinack	51.20	57.76	50.10	53.02	68	36	7	4	1	3	3	7	3	3	6	S.	15	13	2			13	2		Fair.
Fort Sullivan	55.93	65.30	55.66	58.96	78	42	36	1	1	3	3	3	2	2	8	W.	13	11	6			11	6		Cl'dy.
Fort Snelling	48.73	63.16	52.46	54.78	80	34	46	8	1	4	1	3	2	16	3	S.W.	16	11	3			16	11	3	Fair.
Fort Howard	48.16	62.53	50.36	53.68	74	31	43	6	1	1	1	2	9	3	7	S.	12	7	11			12	7		Cl'dy.
Fort Winnebago	57.76	64.50	61.85	61.37	76	37	39	4	4	1	1	1	1	11	5	W.	18	17	15			18	17	15	Cl'dy.
Madison Barracks	62.43	67.20	63.58	64.40	80	49	31	3	3	3	3	2	1	10	6	S.W.	9	7	14			9	7	14	Fair.
Fort Preble	57.20	69.46	57.66	61.44	78	46	32	1	3	1	2	1	1	8	3	S.	16	12	2			16	12	2	Fair.
Fort Niagara	60.23	67.66	59.63	62.50	85	44	41	6	6	2	2	1	14	3	6	S.	14	13	3			14	13	3	Cl'dy.
Fort Crawford	54.10	68.20	58.23	60.17	84	38	46	4	4	2	1	3	3	2	2	S.	16	16	8			16	16	8	Fair.
Fort Constitution	56.70	65.16	58.33	60.06	75	43	32	2	2	1	1	1	13	2	2	S.	16	16	6			16	16	6	Fair.
Fort Gratiot	58.90	63.26	56.00	59.38	79	44	35	10	2	2	1	1	13	2	2	S.	20	20	6			20	20	6	Fair.
Watervliet Arsenal	56.46	71.40	59.36	62.40	89	47	42	2	11	3	2	1	3	5	1	N.W.	5	5	4			5	4	4	Fair.
Fort Independence	59.30	71.03	62.03	64.12	80	45	35	2	4	7	1	1	3	2	9	S.W.	18	18	6			18	18	6	Fair.
Fort Wolcott	59.96	70.50	62.23	64.23	79	46	33	2	3	4	6	1	6	1	11	S.W.	15	15	10			15	10	5	Fair.
Fort Armstrong	52.43	68.03	58.23	59.56	84	38	46	3	2	1	7	3	7	3	5	S.E.	18	18	4			18	4	8	Fair.
West Point	63.00	69.76	64.70	65.82	88	54	34	7	3	1	1	11	11	3	3	S.	15	15	13			15	13	2	Fair.

SEPTEMBER—CONTINUED.

No. IX.

PLACES or OBSERVATION.	THERMOMETER.				Highest degree.	Lowest degree.	Range.	WINDS.							WEATHER.													
	Mean Temperature.							Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days									
	A. M.	P. M.	P. M.																	S. W.	S. E.	S.	S. W.	W.	Fair.	Cl'dy.	Rain.	Snow.
			VII.	II.																								
Fort Trumbull	66.06	70.86	67.70	68.20	83	55	28	3	4	6	3	4	4	8	2	19	9	2	19	Fair.								
Fort Columbus	63.93	73.30	63.43	66.88	86	50	36	1	4	4	3	6	10	4	2	13	11	6	13	Cl'dy.								
Fort Leavenworth	55.16	71.40	60.00	62.18	83	38	45	6	2	2	2	6	7	1	8	18	9	3	18	Fair.								
Fort McHenry	62.46	72.20	66.56	67.07	86	48	38	1	4	2	2	3	4	6	8	15	10	5	15	Fair.								
Fort Severn.	64.93	72.60	67.60	68.37	88	45	43	1	5	4	2	10	6	1	3	19	3	8	19	Fair.								
Washington City	59.76	74.76	67.60	67.37	85	40	45	4	6	2	2	2	2	2	7	10	15	5	10	Cl'dy.								
Fort Monroe	72.36	76.33	73.50	74.06	87	62	25	5	3	6	1	10	11	4	2	18	19	3	18	Fair.								
Fort Gibson	63.90	80.56	68.23	70.69	95	48	47	1	1	10	1	4	4	7	1	19	19	3	19	Fair.								
Fort Johnston	77.03	84.36	73.20	78.19	98	56	42	1	3	3	3	1	22	2	8	20	8	2	20	Fair.								
Augusta Arsenal	67.70	80.96	73.53	74.06	91	46	45	4	4	3	3	5	12	3	3	13	9	8	13	Cl'dy.								
Fort Moultrie	76.03	80.96	77.63	78.20	86	55	31	7	11	4	7	11	4	3	1	20	7	3	20	Fair.								
Fort Jesup	68.10	81.70	70.80	73.53	90	50	40	3	6	5	3	3	2	4	5	23	7	4	23	Fair.								
Baton Rouge Barrks	71.53	81.06	74.80	75.79	89	54	35	2	8	4	4	2	2	8	2	22	2	4	22	Fair.								
Fort Pike	76.33	81.40	76.80	78.17	90	70	20	1	2	8	4	4	4	4	4	28	4	7	28	Fair.								
Fort Marion	76.16	81.70	78.60	78.82	85	62	23	1	1	10	4	13	1	1	1	19	4	7	19	Fair.								
Fort Brooke	78.66	86.13	78.66	81.15	90	62	28	7	1	1	7	7	1	1	1	15	15	8	15	Fair.								
Key West Barracks	79.03	85.06	80.23	81.44	89	77	12	2	1	7	6	11	2	2	2	19	3	8	19	Fair.								

OCTOBER.

No. X.

PLACES OF OBSERVATION.	THERMOMETER.				Range.	Highest degree.	Lowest degree.	WINDS.										WEATHER.							
	Mean Temperature.							Aggregate	N.	N.W.	N.E.	E.	S.E.	S.	S.W.	W.	Prevaling.	Fair.	Cl'dy.	Rain.	Snow.	Days.	Days.	Days.	Prevaling.
	A. M.	P. M.	P. M.	P. M.																					
Fort Brady	42.80	51.90	43.87	46.19	40	68	28	4	2	3	8	5	3	1	5	5	15	4	10	2	2	4	10	2	Cl'dy.
Hancock Barracks	41.74	53.22	43.90	46.28	27	70	28	2	14	9	3	5	5	-	7	7	18	3	10	-	-	3	10	-	Fair.
Fort Mackinack	43.84	49.09	43.93	45.62	37	66	29	2	4	1	7	4	1	5	4	4	16	2	10	-	-	3	10	-	Fair.
Fort Sullivan	46.74	51.32	48.87	48.97	35	66	35	4	6	3	3	4	4	5	6	4	15	7	9	-	-	1	5	-	Cl'dy.
Fort Snelling	41.89	55.83	47.12	48.28	19	82	19	4	4	3	2	4	4	5	6	4	17	12	13	-	-	1	5	-	Cl'dy.
Fort Howard	41.06	53.61	43.87	46.18	22	76	22	5	1	8	-	2	4	4	17	1	16	16	8	-	-	7	7	-	Fair.
Fort Winnebago	46.90	59.12	49.89	51.97	28	79	28	5	2	2	1	2	2	6	9	9	51	18	13	-	-	4	14	-	Fair.
Madison Barracks	51.67	61.56	53.45	55.56	34	80	34	4	3	6	6	4	6	6	9	9	22	46	12	-	-	12	14	-	Fair.
Fort Preble	47.09	56.96	48.48	50.84	32	72	32	3	3	1	5	1	5	3	10	10	39	34	4	-	-	8	14	-	Fair.
Fort Niagara	54.19	59.00	54.09	55.76	32	79	32	4	4	9	1	2	3	8	4	4	47	47	5	-	-	11	15	-	Cl'dy.
Fort Crawford	46.00	59.00	51.00	52.00	28	78	28	5	5	1	5	5	8	2	4	4	50	50	6	-	-	3	3	-	Fair.
Fort Constitution	47.58	57.22	50.35	51.71	36	76	36	3	6	6	1	-	3	13	3	3	48	48	6	-	-	3	6	-	Fair.
Fort Gratiot	49.90	57.51	49.29	52.23	31	76	31	4	4	3	-	4	4	15	2	2	45	45	4	-	-	3	3	-	Fair.
Watervliet Arsenal	47.54	62.58	50.64	53.55	29	76	29	4	4	8	1	1	5	6	6	6	47	47	3	-	-	2	2	-	Fair.
Fort Independence	50.19	62.32	54.61	55.70	40	77	40	4	4	4	6	6	2	7	2	2	37	37	4	-	-	7	7	-	Fair.
Fort Wolcott	51.22	61.90	54.54	55.88	38	72	38	4	6	6	4	4	2	7	2	2	34	34	6	-	-	6	6	-	Fair.
Fort Armstrong	45.67	57.00	50.03	50.90	22	78	22	5	5	6	6	6	6	8	8	8	56	56	4	-	-	2	2	-	Fair.
West Point	53.61	61.09	55.93	56.87	40	78	40	7	2	4	6	1	10	5	2	2	38	38	6	-	-	4	4	-	Fair.

OCTOBER—CONTINUED.

No. X.

PLACES	THERMOMETER.							Range.	Lowest degree.	Highest degree.	Aggregate Mean Temperature.	Prevaling	WEATHER.			Prevaling							
	Mean Temperature.												Days	Days	Days		Days	Days	Days				
	A. M.	P. M.	P. M.	P. M.	P. M.	P. M.	P. M.													Fair.	Cloudy.	Rain.	Snow.
	VII.	II.	IX.	IV.	X.	VI.	III.													Fair.	Cloudy.	Rain.	Snow.
Fort Trumbull	55.45	61.35	58.61	58.47	61.35	58.61	58.47	45	72	58.47	5	6	5	20	Fair.								
Fort Columbus	50.12	61.58	54.68	55.44	61.58	54.68	55.44	40	78	55.44	3	14	3	28	Fair.								
Fort Leavenworth	47.03	61.51	52.00	53.51	61.51	52.00	53.51	30	80	53.51	1	1	1	12	Cloudy.								
Fort McHenry	57.00	64.22	58.12	59.78	64.22	58.12	59.78	40	78	59.78	5	1	4	24	Fair.								
Fort Severn	55.38	64.06	58.03	59.15	64.06	58.03	59.15	40	78	59.15	2	4	8	18	Fair.								
Washington City	45.29	66.06	56.75	56.03	66.06	56.75	56.03	30	80	56.03	4	6	4	21	Fair.								
Fort Monroe	59.67	62.90	61.25	61.27	62.90	61.25	61.27	47	72	61.27	1	3	6	19	Fair.								
Fort Gibson	52.74	70.38	57.58	60.23	70.38	57.58	60.23	26	80	60.23	1	14	6	23	Fair.								
Fort Johnston	63.09	76.51	64.57	68.05	76.51	64.57	68.05	48	84	68.05	1	1	1	21	Fair.								
Augusta Arsenal	57.03	73.38	64.96	65.12	73.38	64.96	65.12	44	84	65.12	1	1	1	21	Fair.								
Fort Moultrie	69.12	74.87	71.12	71.70	74.87	71.12	71.70	32	84	71.70	3	4	5	18	Fair.								
Fort Jesup	56.58	72.16	59.48	62.74	72.16	59.48	62.74	34	86	62.74	1	1	1	24	Fair.								
Baton Rouge Bar'ks	58.96	71.22	68.58	66.25	71.22	68.58	66.25	43	81	66.25	5	4	9	18	Fair.								
Fort Pike	66.54	76.35	69.86	70.91	76.35	69.86	70.91	48	85	70.91	1	4	3	24	Fair.								
Fort Marion	68.87	77.45	72.64	72.98	77.45	72.64	72.98	37	85	72.98	8	1	1	25	Fair.								
Fort Brooke	68.67	83.23	75.77	75.55	83.23	75.77	75.55	50	88	75.55	1	1	1	27	Fair.								
Key West Barracks	76.32	81.22	76.38	77.97	81.22	76.38	77.97	52	81	77.97	3	1	1	26	Fair.								

PLACES or OBSERVATION.	THERMOMETER.				WINDS.							WEATHER.													
	Mean Temperature.				Highest degree.	Lowest degree.	Range.	N.	N.W.	N.E.	E.	S.E.	S.	S.W.	W.	Prevalling.	Fair.	Cl'dy.	Rain.	Snow.	Days.	Days.	Prevalling.		
	Aggregate																								
	A. M.	P. M.	P. M.	P. M.	Mean Temperature.				Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days		
VII.	II.	IX.	IX.	Mean Temperature.				Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days		
Fort Brady	31.10	39.23	34.06	34.97	48	5	43	9	4	2	5	5	1	1	3	3	N.	8	2	8	2	8	12	Cl'dy.	
Hancock Barracks	34.10	39.70	34.43	36.07	56	12	44	-	13	7	5	5	-	-	-	-	N.W.	7	3	16	4	7	4	Cl'dy.	
Fort Mackinack	31.93	35.56	34.93	34.14	48	18	40	1	4	2	4	4	-	-	6	13	W.	7	10	3	3	2	3	Cl'dy.	
Fort Sullivan	36.70	44.50	38.60	39.93	59	11	48	5	13	3	1	3	1	2	11	13	N.W.	6	9	13	2	2	2	Cl'dy.	
Fort Snelling	27.50	36.90	29.10	31.16	59	-	7	2	7	2	4	4	2	1	11	13	W.	11	13	2	4	4	4	Cl'dy.	
Fort Howard	27.90	36.23	29.50	31.21	54	-	3	2	1	4	2	4	3	1	2	2	S.W.	7	19	1	3	3	3	Cl'dy.	
Fort Winnebago	30.13	40.06	31.36	33.85	60	22	38	-	17	3	-	3	-	5	2	2	N.W.	12	7	3	8	5	5	Cl'dy.	
Madison Barracks	38.30	45.60	41.00	41.63	60	22	38	-	2	6	-	2	4	3	12	7	W.	13	11	5	1	1	3	Cl'dy.	
Fort Preble	36.40	44.46	36.80	39.22	57	17	40	2	1	8	-	2	4	6	7	7	N.W.	8	9	10	3	3	3	Cl'dy.	
Fort Niagara	39.33	45.03	40.80	41.72	66	24	42	1	8	-	-	2	4	6	7	7	N.W.	8	9	10	3	3	3	Cl'dy.	
Fort Crawford	25.10	34.53	29.00	29.54	62	-	64	-	19	4	-	1	1	1	4	8	imperfect.	17	11	1	1	1	1	1	Cl'dy.
Fort Constitution	37.20	45.90	39.13	40.74	58	19	39	-	4	-	-	1	1	1	4	8	N.W.	7	7	9	2	2	2	Fair.	
Fort Gratiot	35.43	42.36	37.43	38.40	64	18	46	4	12	2	-	3	2	3	8	8	S.	7	7	9	2	2	2	Cl'dy.	
Watervliet Arsenal	34.80	50.26	37.74	40.93	63	21	42	-	12	2	-	3	2	3	8	8	N.W.	15	11	2	2	2	2	Fair.	
Fort Independence	38.10	47.90	41.00	42.33	58	23	35	-	19	3	-	4	1	1	3	3	N.W.	18	7	5	5	5	5	Fair.	
Fort Wolcott	38.50	49.03	40.73	42.75	60	22	38	-	13	-	-	3	1	1	3	3	N.W.	20	8	2	2	2	2	Fair.	
Fort Armstrong	33.56	38.83	34.33	35.57	64	2	62	4	4	3	3	3	1	4	7	7	W.	16	2	5	5	7	7	Fair.	
West Point	42.10	47.93	44.16	44.73	60	30	30	1	19	-	1	1	2	7	-	-	N.W.	19	10	1	1	1	1	1	Fair.

DECEMBER.

No. XII.

PLACES OF OBSERVATION.	THERMOMETER.				WINDS.							WEATHER.									
	Mean Temperature.				Range.	N.	N.W.	N.E.	E.	S.E.	S.	S.W.	W.	Prevalling.	Fair.	Cl'dy.	Rain.	Snow.	Days.	Prevalling.	
	Aggregate																				Highest degree.
	Mean Temperature.				Days		Days		Days		Days		Days		Days		Days		Days		
A. M.	P. M.	P. M.	P. M.	IX.		IX.		IX.		IX.		IX.		IX.		IX.		IX.			
Fort Brady	6.80	17.77	12.61	12.39	33	-15	48	5	2	6	9	4	3	1	1	1	6	12	6	13	Cl'dy.
Hancock Barracks	3.25	15.16	7.51	8.64	33	-16	49	5	10	8	2	3	1	2	2	2	3	7	23	8	Fair.
Fort Mackinack	12.09	16.35	13.38	13.94	29	-3	32	1	1	2	2	1	-	2	2	2	3	7	3	21	Cl'dy.
Fort Sullivan	11.51	17.80	15.00	14.77	41	-10	51	4	10	1	-	-	-	7	2	1	1	1	1	10	Fair.
Fort Snelling	-3.09	11.58	1.38	3.28	36	-26	62	2	10	1	-	3	1	2	1	1	1	7	17	7	Fair.
Fort Howard	-0.96	9.51	3.03	3.86	27	-24	51	1	2	6	-	2	3	1	1	1	1	11	13	7	Cl'dy.
Fort Winnebago	3.51	19.83	6.32	9.88	40	-24	64	9	5	1	-	4	-	2	2	2	3	14	19	12	Fair.
Madison Barracks	15.45	25.12	19.29	19.95	38	-4	42	6	1	1	-	4	2	3	2	3	7	14	3	14	Cl'dy.
Fort Preble	11.00	20.74	13.70	15.14	40	-4	44	6	2	1	-	2	2	3	4	4	12	20	4	14	Fair.
Fort Niagara	20.96	29.61	22.00	24.19	38	9	29	8	3	4	1	-	4	1	1	1	6	11	6	14	Cl'dy.
Fort Crawford	1.75	12.00	4.16	5.97	30	-20	50	8	3	4	2	-	5	2	7	7	13	16	13	16	Cl'dy.
Fort Constitution	13.67	21.06	16.48	17.07	41	-1	42	4	6	2	-	2	1	2	1	2	6	9	6	9	Cl'dy.
Fort Gratiot	13.32	20.12	14.03	15.82	30	-1	29	-	1	-	-	2	1	6	7	7	11	6	9	16	Cl'dy.
Watervliet Arsenal	9.32	19.03	13.74	14.03	37	-11	48	-	1	-	-	1	5	5	6	6	16	6	9	9	Cl'dy.
Fort Independence	16.77	25.70	18.32	20.26	36	0	36	3	15	2	-	2	1	6	6	7	18	8	8	8	Fair.
Fort Wolcott	19.42	28.06	20.67	22.71	41	3	38	6	11	2	-	2	1	9	9	9	18	3	2	5	Fair.
Fort Armstrong	4.19	13.67	10.83	9.56	36	0	36	1	3	2	1	-	2	1	2	1	13	5	1	12	Cl'dy.
West Point	23.38	29.06	26.09	26.17	39	12	27	5	17	4	-	1	4	5	2	2	17	10	21	10	Fair.

DECEMBER—CONTINUED.

No. XII.

PLACES or OBSERVATION.	THERMOMETER.				WINDS.						WEATHER.											
	Mean Temperature.				Range.	Lowest degree.	Highest degree.	Aggregate Temperature.	N. W.	N. N. E.	E. S. E.	S.	S. W.	W.	Prevaling.	Fair, Cl'dy, Rain, Snow.	Days	Days	Days	Prevaling.		
	A. M.	P. M.	P. M.	I. X.																		
	VII.	II.																				
Fort Trumbull	23:38	30.64	26.16	26.72	7	36	43	26.72	1	15	9	2	2	1	4	1	14	15	1	1	1	Cl'dy.
Fort Columbus	19.32	25.38	21.90	22.20	11	23	34	22.20	2	3	2	2	1	1	10	1	23	23	1	1	1	Fair.
Fort Leavenworth	10.67	27.32	16.64	18.21	5	41	46	18.21	7	6	3	4	7	1	3	1	9	9	1	1	1	Cl'dy.
Fort McHenry	20.48	30.77	24.83	25.36	0	44	44	25.36	2	17	4	2	1	1	5	1	20	20	6	1	1	Fair.
Fort Severn	21.25	31.61	25.12	25.98	2	46	48	25.98	1	17	3	6	1	1	6	1	12	12	13	1	1	Cl'dy.
Washington City	15.80	34.90	25.41	25.37	41	29	41	25.37	1	15	6	6	1	1	8	1	6	6	20	3	3	Cl'dy.
Fort Monroe	26.25	32.00	28.67	28.97	12	29	41	28.97	1	7	6	13	3	2	3	1	9	9	9	2	3	Fair.
Fort Gibson.	23.93	42.16	29.58	31.89	9	59	68	31.89	1	1	6	4	1	11	1	1	20	20	5	6	1	Fair.
Fort Johnston	35.12	45.86	43.77	41.58	24	36	60	41.58	1	15	4	1	2	1	1	1	17	17	5	9	1	Fair.
Augusta Arsenal	31.61	42.58	37.51	37.23	31	21	52	37.23	2	13	5	5	2	1	6	1	17	17	10	4	1	Fair.
Fort Moultrie	38.38	45.58	40.70	41.55	28	34	62	41.55	2	8	6	2	1	9	1	1	17	17	10	4	1	Fair.
Fort Jesup	33.70	46.25	36.06	38.67	22	49	71	38.67	10	2	2	2	2	4	11	1	14	14	17	3	1	Cl'dy.
Baton Rouge Bar'ks	39.00	48.41	43.32	43.57	25	38	63	43.57	7	4	3	5	6	2	3	1	10	10	3	17	1	Cl'dy.
Fort Pike	43.22	51.19	47.41	47.27	30	31	61	47.27	8	4	10	2	1	2	3	1	16	16	11	4	1	Fair.
Fort Marion	47.58	58.80	51.00	52.46	34	38	72	52.46	8	8	12	1	2	4	2	1	18	18	7	6	1	Fair.
Fort Brooke	53.41	66.32	59.09	59.60	38	38	76	59.60	2	9	11	1	5	3	1	1	22	22	5	4	1	Fair.
Key West Barracks	68.45	71.70	68.61	69.58	60	20	80	69.58	7	9	11	2	2	1	1	1	21	21	8	2	1	Fair.

MEAN OF OBSER

PLACES OF OBSERVATION.	THERMOMETER.								
	Mean Temperature.								Highest de- gree.
	Year.	Winter.	Spring.	Summ'r	Autumn	A. M. VII.	P. M. II.	P. M. IX.	
Fort Brady	41.43	14.89	41.49	64.45	44.91	36.63	49.57	38.11	94
Hancock Barracks	42.39	13.44	43.02	67.53	45.59	39.53	50.95	39.97	88
Fort Mackinack	40.56	15.14	38.91	63.95	44.26	38.61	44.68	38.39	82
Fort Sullivan	44.70	19.73	44.35	64.77	49.95	42.36	49.24	42.25	90
Fort Snelling	42.75	8.74	46.12	71.79	44.38	37.62	50.37	40.58	92
Fort Howard	41.85	9.04	44.36	70.31	43.69	36.52	49.34	39.04	93
Fort Winnebago	46.72	14.19	50.26	73.50	48.94	41.84	53.40	45.02	96
Madison Barracks	48.95	20.07	49.54	72.36	53.86	45.60	53.77	47.54	88
Fort Preble	47.02	20.22	47.22	70.27	50.39	43.35	54.06	43.71	92
Fort Niagara	49.78	25.12	48.30	72.38	53.33	47.22	54.12	48.01	94
Fort Crawford	42.58	11.54	48.65	73.72	47.24	40.66	52.88	42.29	98
Fort Constitution	46.72	21.37	46.72	67.96	50.84	43.75	51.74	44.70	89
Fort Gratiot	46.58	19.08	34.73	70.93	50.00	43.93	50.76	44.06	94
Watervliet Arsenal	48.11	18.06	49.05	73.14	52.22	42.56	56.08	46.09	95
Fort Independence	49.79	23.98	50.35	70.78	54.05	45.56	56.06	47.41	92
Fort Wolcott	49.19	24.84	47.96	69.65	54.32	44.75	55.58	47.21	89
Fort Armstrong	46.70	13.46	49.03	72.30	52.01	39.79	52.68	45.05	96
West Point	51.32	22.85	52.32	74.33	55.80	48.40	55.90	51.19	89
Fort Trumbull	54.08	29.37	54.36	75.14	57.48	51.31	57.34	53.39	87
Fort Columbus	51.63	24.73	51.03	75.62	55.17	48.45	58.06	48.44	98
Fort Leavenworth	50.19	20.70	55.23	72.63	52.21	44.41	58.15	48.03	96
Fort McHenry	54.15	28.26	56.06	75.42	56.86	49.40	59.46	53.54	93
Fort Severn	53.76	27.22	54.64	75.82	57.38	49.73	59.31	52.43	94
Washington City	52.98	27.17	55.06	74.55	55.17	44.17	62.06	52.75	98
Fort Monroe	57.81	34.29	57.83	77.92	61.21	54.25	61.12	57.39	92
Fort Gibson	58.00	32.19	61.14	78.23	60.47	50.70	67.26	55.46	98
Fort Johnston	63.65	42.95	63.55	80.41	67.69	59.31	70.85	60.81	102
Augusta Arsenal	62.17	41.26	64.71	78.46	64.25	54.78	69.69	62.13	96
Fort Moultrie	64.36	45.49	65.57	78.68	67.70	63.45	68.94	65.24	90
Fort Jesup	62.69	41.82	66.08	79.53	63.34	56.31	71.30	60.57	95
Baton Rouge Bar'ks	64.70	46.11	67.00	79.10	66.60	59.09	70.98	63.99	94
Fort Pike	67.91	49.37	69.89	81.56	70.85	64.68	72.01	67.08	92
Fort Marion	68.72	53.30	68.89	80.18	72.52	65.49	72.75	67.96	92
Fort Brooke	71.42	58.62	71.71	80.59	74.78	66.30	77.79	70.17	92
Key West Barracks	76.08	68.81	75.99	81.28	78.24	74.19	79.39	74.66	89

VARIATIONS FOR 1831.

Lowest de- gree.	Range for the year.	WINDS.											WEATHER.				
		Mean monthly range.	Days. N.	Days. N. W.	Days. N. E.	Days. E.	Days. S. E.	Days. S.	Days. S. W.	Days. W.	Prevailing.	Days. Fair.	Days. Cloudy.	Days. Rain.	Days. Snow.	Prevailing.	
-20	114	47.7	44	61	49	84	46	21	20	40	E.	157	64	79	65	Cl'dy.	
-16	104	47.9	8	100	93	49	82	18	15	-	N.W.	233	26	70	36	Fair.	
-14	96	39.6	17	45	31	62	26	5	40	139	W.	174	28	85	78	Cl'dy.	
-10	100	39.6	32	70	33	15	52	72	43	48	S.	176	111	60	18	Cl'dy.	
-26	118	51.4	39	54	11	23	26	54	40	108	W.	175	116	45	29	Cl'dy.	
-30	123	53.7	50	33	45	14	20	90	97	16	S.W.	202	79	48	36	Fair.	
-24	120	51.5	57	30	14	18	30	105	51	60	S.	202	60	58	35	Fair.	
-16	104	44.0	28	74	31	7	25	11	93	96	W.	141	118	75	31	Cl'dy.	
-14	106	40.1	14	28	20	22	22	80	88	91	W.	186	90	68	21	Fair.	
0	94	40.4	29	59	43	20	11	34	101	68	S.W.	136	76	112	41	Cl'dy.	
-25	123	50.1	-	-	-	observations	-	-	-	-	imperfect.	-	-	-	-	-	
-3	92	38.0	14	68	48	16	11	89	47	72	S.	203	124	31	7	Fair.	
-15	109	43.7	42	89	10	1	25	108	56	34	S.	181	44	92	48	Cl'dy.	
-16	111	47.9	23	113	9	5	39	57	47	72	N.W.	232	71	48	14	Fair.	
-1	93	39.2	12	109	57	28	26	24	80	29	N.W.	230	53	66	16	Fair.	
2	87	36.5	19	85	36	5	36	14	133	37	S.	177	107	59	22	Cl'dy.	
-15	111	50.3	31	31	50	38	32	49	50	84	W.	207	95	39	24	Fair.	
-3	92	36.0	55	96	23	2	7	108	49	25	S.	252	88	22	3	Fair.	
7	80	31.8	33	87	55	14	39	23	81	33	N.W.	230	102	28	5	Fair.	
8	90	37.7	12	43	18	15	81	82	63	51	S.	251	54	47	13	Fair.	
-25	121	46.7	49	51	16	14	32	136	10	57	S.	198	127	28	12	Fair.	
0	93	41.3	17	84	38	61	45	16	43	61	N.W.	236	62	51	16	Fair.	
2	92	41.2	7	104	29	8	108	44	39	26	S. E.	182	73	93	17	Cl'dy.	
-10	108	49.7	11	118	43	6	23	53	76	35	N.W.	169	126	52	18	Cl'dy.	
12	80	33.6	33	39	86	16	25	28	118	20	S.W.	207	99	53	6	Fair.	
-3	101	51.8	9	46	20	103	76	26	41	44	E.	218	74	59	14	Fair.	
19	83	38.7	11	44	83	6	11	11	194	5	S.W.	263	62	39	1	Fair.	
12	84	41.2	5	69	47	1	59	15	151	18	S.W.	184	78	96	7	Fair.	
24	66	29.6	3	31	74	29	57	57	88	26	S.W.	235	77	52	1	Fair.	
13	82	44.1	72	40	26	29	24	62	55	47	N.	249	84	31	1	Fair.	
25	69	36.0	20	58	22	56	40	55	62	52	S.W.	208	45	110	2	Fair.	
28	64	28.9	46	45	80	50	60	20	31	33	N. E.	261	65	39	0	Fair.	
21	71	30.6	14	50	105	10	130	10	30	16	S. E.	236	49	78	2	Fair.	
28	64	32.1	13	83	58	57	63	21	53	17	N.W.	267	78	80	0	Fair.	
50	39	17.8	43	40	101	75	67	9	20	10	N. E.	251	35	79	0	Fair.	

JANUARY—CONTINUED.

No. I.

PLACES of OBSERVATION.	THERMOMETER.				WINDS.				WEATHER.								
	Mean Temperature.		Aggregate	Highest degree.	Lowest degree.	Range.	N.	N.W.	E.	S.E.	S.	S.W.	W.	Prevaling.			
	A. M.	P. M.													P. M.	P. M.	
	VII.	II.	IX.		Days	Days	Days	Days	Days	Days	Days	Days	Days	Days			
Fort Leavenworth	18.67	37.93	23.96	36.85	59	79	2	4	3	1	13	4	3	18	11	18	Fair.
Fort McHenry	26.16	37.74	31.54	31.81	62	0	2	6	5	2	1	7	6	19	6	19	Fair.
Fort Severn	28.09	38.35	31.67	32.70	68	1	2	10	2	7	2	5	3	16	6	16	Fair.
Jefferson Barracks	26.29	36.48	30.54	31.10	57	—	2	12	—	9	5	1	6	12	6	12	Cl'dy.
Bellona Arsenal	32.58	44.06	37.61	38.08	70	4	2	7	—	6	—	6	2	20	6	20	Fair.
Fort Monroe	30.32	37.00	33.64	33.65	55	8	6	1	2	2	14	4	—	18	10	18	Fair.
Fort Gibson	32.09	54.64	38.70	41.81	71	1	2	1	1	11	2	3	—	19	9	19	Fair.
Fort Johnston	38.93	56.16	44.67	45.58	71	16	8	2	8	1	2	10	1	25	2	25	Fair.
Augusta Arsenal	36.61	53.41	46.25	45.42	74	8	6	6	—	5	2	10	2	15	13	15	Cl'dy.
Fort Moultrie	44.87	53.74	48.06	48.69	66	22	1	1	1	4	3	2	2	25	4	25	Fair.
Fort Jesup	38.80	57.77	43.06	46.54	75	13	6	12	1	2	6	1	8	21	5	21	Fair.
Baton Rouge Bar'ks	42.67	57.48	49.45	49.86	74	13	5	1	1	3	1	7	3	23	6	23	Fair.
Fort Pike	48.12	61.51	54.09	54.57	79	21	2	3	12	5	—	2	4	25	4	25	Fair.
Fort Marion	50.00	60.77	53.54	54.77	76	25	3	3	18	2	—	3	2	22	2	22	Fair.
Key West Barracks	66.87	71.09	67.25	68.40	78	55	5	6	12	7	—	—	—	19	6	19	Fair.

FEBRUARY.

No. II.

PLACES OF OBSERVATION.	THERMOMETER.				WINDS.							WEATHER.													
	Mean Temperature.				Aggregate Mean Temperature.	Highest degree.	Lowest degree.	Range.	N. N.W.	N.E.	E.	S.E.	S.	S.W.	W.	Prevaling.	Fair.	Cl'dy.	Rain.	Snow.	Days.	Days.	Days.	Prevaling.	
	A. M.	P. M.	P. M.	P. M.																					Days
	VII.	II.	IX.																						
Fort Brady	2.20	18.75	7.72	9.55	32	-28	60	11	3	5	7	1	-	-	-	2	2	11	10	-	-	-	8	10	Cl'dy.
Hancock Barracks	5.96	19.31	12.79	12.68	40	-16	56	1	15	11	1	1	1	-	-	-	1	21	21	1	1	1	6	21	Fair.
Fort Mackinack	3.62	15.03	5.37	8.00	34	-22	56	2	5	2	1	1	1	1	1	17	17	5	3	3	3	14	10	10	Fair.
Fort Sullivan	16.55	24.44	20.06	20.35	46	-7	53	3	8	4	1	2	4	4	4	10	10	19	15	8	6	-	6	15	Fair.
Fort Snelling	1.48	16.29	4.58	6.46	36	-30	66	1	7	1	3	2	2	3	6	5	5	13	8	6	2	2	8	13	Cl'dy.
Fort Winnebago	7.27	28.44	13.86	16.52	44	-33	77	7	7	3	1	1	1	2	1	4	4	9	15	2	2	3	3	15	Cl'dy.
Fort Crawford	4.44	15.13	10.31	9.96	32	-32	64	12	4	2	1	1	2	6	4	1	1	13	12	1	1	1	3	13	Cl'dy.
Fort Constitution	21.93	29.20	25.82	25.65	46	0	46	2	12	3	1	1	2	4	3	1	1	5	15	2	2	2	3	15	Cl'dy.
Fort Gratiot	17.43	25.03	20.82	21.09	55	-7	62	11	-	3	1	1	2	4	3	6	6	3	12	1	1	1	2	12	Cl'dy.
Waterliet Arsenal	17.03	28.08	22.89	22.86	47	-13	60	3	11	3	1	2	4	3	2	1	1	5	16	1	1	1	8	16	Cl'dy.
Fort Independence	25.79	33.48	28.24	29.17	54	7	49	2	8	4	1	1	1	1	3	8	8	10	6	5	5	5	8	10	Cl'dy.
Fort Wolcott	26.27	35.13	29.37	30.25	56	7	49	2	8	4	2	2	2	6	6	4	4	16	4	6	4	6	4	16	Fair.
West Point	26.75	36.41	28.75	30.63	50	8	42	6	6	6	2	2	1	1	1	7	7	10	4	4	4	3	7	10	Cl'dy.
Fort Trumbull	32.27	38.27	35.06	35.20	55	14	41	2	2	2	2	2	2	6	6	4	4	13	12	13	13	12	13	13	Cl'dy.
Fort Columbus	29.93	35.41	31.51	32.28	50	11	39	-	4	6	1	5	-	1	1	5	5	12	8	4	4	4	4	12	Cl'dy.

FEBRUARY—CONTINUED.

No. II.

PLACES OR OBSERVATION.	THERMOMETER.				Lowest degree.	Range.	WINDS.								WEATHER.															
	Mean Temperature.		Aggregate Mean Temperature.				Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days												
	A. M.	P. M.	P. M.	P. M.															N.	N.W.	N.E.	E.	S.E.	S.	S.W.	W.	Fair.	Cl'dy.	Rain.	Snow.
	VII.		IX.																N.W.		N.E.		S.E.		S.		S.W.		W.	
Fort Leavenworth	12.00	27.82	15.86	18.56	-26	88	8	1	1	6	3	2	7	15	2	5	Cl'dy.													
Fort McHenry	33.82	41.89	36.68	37.46	14	50	-	5	1	1	3	4	11	8	9	1	Cl'dy.													
Fort Severn	34.37	40.97	38.00	37.78	18	54	-	12	5	5	2	-	7	11	8	4	Cl'dy.													
Jefferson Barracks	27.90	35.96	29.65	31.17	71	77	1	15	5	8	6	4	8	13	4	4	Cl'dy.													
Bellona Arsenal	40.31	50.37	45.59	45.42	21	51	4	3	5	-	1	4	13	9	4	3	Cl'dy.													
Fort Monroe	36.86	44.31	39.79	40.32	62	20	4	4	4	-	2	6	14	9	6	3	Cl'dy.													
Fort Gibson	37.20	48.31	40.27	41.92	6	71	3	3	1	6	2	6	7	13	6	-	Cl'dy.													
Fort Johnston	50.75	65.17	51.82	55.91	64	36	-	4	7	-	17	1	14	14	2	-	Cl'dy.													
Augusta Arsenal	49.34	62.17	55.93	55.81	74	32	-	1	9	6	2	1	15	4	10	-	Fair.													
Fort Moultrie	54.04	60.89	57.12	57.35	76	39	-	4	9	3	2	2	15	5	2	-	Fair.													
Fort Jesup	51.34	61.86	52.58	55.26	80	22	6	1	3	6	7	3	23	5	2	-	Cl'dy.													
Baton Rouge Bar ^{ks}	57.65	66.31	61.37	61.77	80	51	1	4	3	8	3	5	10	5	10	-	Fair.													
Fort Pike	51.24	69.79	64.79	65.27	32	48	3	3	5	9	2	1	15	10	4	-	Fair.													
Fort Marion	59.65	68.82	62.68	63.71	77	45	3	3	5	7	4	1	21	5	3	-	Fair.													
Key West Barracks	73.10	77.65	72.10	74.28	65	15	1	14	6	7	1	5	26	.	3	-	Fair.													

MARCH.

No. III.

PLACES OF OBSERVATION.	THERMOMETER.				WINDS.				WEATHER.							
	Mean Temperature.				Range.	N.	N.W.	N.E.	E.	S.E.	S.	S.W.	W.	Prevaling.		
	Highest degree.		Lowest degree.												Days	Days
	A. M.	P. M.	P. M.	P. M.	Days	Days	Days	Days	Days	Days	Days	Days	Prevaling.			
VII.		IX.		VIII.		IX.		X.		XI.		XII.		Prevaling.		
Fort Brady	21.54	38.12	27.00	28.88	80	4	3	1	4	7	5	7	8	15	5	Cl'dy.
Hancock Barracks	19.25	36.09	27.38	27.57	66	-	14	10	-	6	1	-	20	20	3	Fair.
Fort Mackinack	23.41	33.38	27.03	27.94	63	-	2	1	6	3	1	14	16	16	3	Fair.
Fort Sullivan	24.93	33.00	27.64	28.52	50	2	5	1	3	2	5	3	19	19	3	Fair.
Fort Winebago	33.87	50.41	40.48	41.58	73	3	4	-	1	1	7	12	20	20	3	Fair.
Fort Crawford	31.96	42.83	37.51	37.43	70	3	4	-	1	4	5	11	17	17	4	Cl'dy.
Fort Constitution	29.96	40.03	34.29	34.76	68	9	9	1	4	5	1	3	20	20	3	Fair.
Fort Gratiot	30.61	40.90	34.38	35.29	70	2	7	1	1	2	10	5	20	20	4	Cl'dy.
Watervliet Arsenal	29.61	42.70	32.25	34.97	65	7	1	6	1	2	3	2	15	15	3	Fair.
Fort Independence	32.61	43.35	36.42	37.46	65	1	11	1	1	2	6	5	20	20	4	Fair.
Fort Wolcott	31.45	42.93	34.54	36.30	53	1	1	7	3	1	14	1	20	18	6	Fair.
West Point	36.35	46.19	38.45	40.33	66	13	8	-	3	3	8	5	21	21	6	Fair.
Fort Trumbull	37.70	46.06	40.06	41.27	60	1	7	2	1	2	16	-	18	18	4	Fair.
Fort Columbus	34.87	45.03	37.06	38.98	61	1	10	2	1	13	2	1	25	25	4	Fair.

MARCH—CONTINUED.

No. III.

PLACES of OBSERVATION.	THERMOMETER.			WINDS.						WEATHER.						
	Mean Temperature.			N.		N.W.		E.		S.		S.W.		W.		Prevaling.
	Aggregate Mean Temperature.			Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	
	A. M.	P. M.	P. M.	IX.	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days
Fort Leavenworth	33.22	60.06	45.74	46.34	89	11	78	15	6	15	2	2	19	7	3	Fair.
Fort McHenry	38.32	51.48	43.70	44.50	70	10	60	6	6	2	4	2	24	2	5	Fair.
Fort Severn	37.58	49.74	42.74	43.35	69	11	58	12	5	3	3	7	18	5	7	Fair.
Jefferson Barracks	49.35	54.96	46.74	50.35	78	8	70	10	2	10	6	6	23	11	6	Cl'dy.
Bellona Arsenal	45.67	54.70	50.45	50.27	72	27	45	7	4	4	12	2	14	1	5	Fair.
Fort Monroe	38.70	48.00	42.06	42.92	63	14	49	4	7	4	9	1	15	14	2	Cl'dy.
Fort Gibson	46.61	65.19	53.83	55.21	82	15	67	9	7	2	4	5	16	11	4	Fair.
Fort Johnston	48.09	62.12	53.22	54.47	76	23	53	11	1	17	1	17	22	5	4	Fair.
Augusta Arsenal	44.96	64.51	55.29	54.92	79	20	59	11	12	1	12	1	18	11	2	Fair.
Fort Moultrie	52.80	63.03	58.06	57.96	74	31	36	6	2	4	2	1	27	3	1	Fair.
Fort Jesup	51.58	70.00	58.77	58.29	81	31	50	7	2	5	5	3	20	11	2	Fair.
Baton Rouge Bar'ks	53.67	68.77	60.58	61.00	81	32	41	10	1	9	3	1	29	2	2	Fair.
Fort Pike	58.58	69.61	62.38	63.52	77	36	41	7	1	1	2	1	30	1	1	Fair.
Fort Marion	61.25	67.14	63.32	63.90	83	44	39	10	7	1	4	1	15	10	6	Cl'dy.
Key West Barracks	71.38	75.38	70.29	72.35	81	64	17	6	2	2	4	2	23	5	3	Fair.

APRIL—CONTINUED.

No. IV.

PLACES OF OBSERVATION.	THERMOMETER.				WINDS.						WEATHER.							
	Mean Temperature.		Aggregate Mean Temperature.	Highest degree.	Lowest degree.	Range.	N. W.	N. E.	S. E.	S. W.	W.	Prevaling.	Fair.	Cloudy.	Rain.	Snow.		
	A. M.	P. M.															VII.	IX.
Fort Leavenworth	49.13	76.40	52.93	59.48	102	73	2	1	2	20	-	1	17	3	-	-	Fair.	
Fort McHenry	47.00	58.70	52.30	52.66	84	56	2	11	2	4	-	4	21	6	3	-	-	Fair.
Fort Severn	47.70	56.80	51.03	51.84	83	32	1	11	2	4	-	1	15	4	10	-	-	Fair.
Jefferson Barracks	53.26	65.26	58.13	58.88	80	44	1	4	4	7	1	1	16	2	12	-	-	Fair.
Bellona Arsenal	52.10	62.13	56.90	57.04	80	36	1	4	3	2	6	5	17	8	5	-	-	Fair.
Fort Monroe	46.66	53.76	48.53	49.65	69	34	3	1	3	2	7	2	4	23	3	-	-	C'd'y.
Fort Gibson	56.06	74.26	62.43	64.25	89	45	-	4	8	4	-	2	15	5	10	-	-	Fair.
Fort Johnston	59.96	73.53	59.36	64.28	88	42	-	1	10	1	18	-	22	5	3	-	-	Fair.
Augusta Arsenal	56.46	72.13	64.16	64.25	88	40	-	9	9	1	8	3	16	3	11	-	-	Fair.
Fort Moultrie	61.50	67.90	62.96	64.12	80	48	2	6	3	10	4	9	21	4	5	-	-	Fair.
Fort Jesup	62.50	76.59	64.13	67.74	87	48	3	4	7	2	8	6	23	7	9	-	-	Fair.
Baton Rouge Bar'ks	68.06	75.13	70.46	71.21	81	58	1	1	5	2	8	6	19	2	3	-	-	Fair.
Fort Pike	67.93	77.46	68.30	71.23	85	55	2	1	9	2	4	8	25	2	3	-	-	Fair.
Fort Marion	74.86	78.00	73.40	75.42	82	70	-	1	8	4	-	5	20	5	5	-	-	Fair.
Key West Barracks						12	-	-	1	-	-	-	28	-	2	-	-	Fair.

JUNE.

No. VI.

PLACES or OBSERVATION.	THERMOMETER.						WINDS.										WEATHER.								
	Mean Temperature.			Aggregate Mean Temperature.	Highest degree.	Lowest degree.	Range.	N.	N.W.	N.E.	E.	S.E.	S.	S.W.	W.	Prevalling.	Fair.	Cl'dy.	Rain.	Snow.	Days.	Days.	Days.	Days.	Prevalling.
	A. M.	P. M.	P. M.																						
	VII.	II.	IX.																						
Fort Brady	57.03	71.90	57.96	62.69	83	40	3	4	3	1	3	4	1	1	11	W.	17	3	10	-	-	-	-	Fair.	
Hancock Barracks	49.10	63.76	53.96	55.60	77	39	-	1	5	9	9	3	2	2	1	S.E.	14	2	14	-	-	-	-	Cl'dy.	
Fort Mackinack	58.03	63.96	55.26	59.08	72	46	2	2	8	2	2	-	3	3	13	W.	18	1	11	-	-	-	-	Fair.	
Fort Sullivan	52.06	60.76	50.26	54.36	79	41	5	5	3	1	3	11	8	2	7	S.	16	1	14	-	-	-	-	Fair.	
Fort Snelling	70.13	78.66	52.03	66.94	88	52	6	4	3	1	2	10	4	4	7	S.	13	-	9	-	-	-	-	Cl'dy.	
Fort Winnebago	68.63	80.86	68.76	72.75	93	54	6	-	1	2	1	10	-	10	10	S.	15	-	8	-	-	-	-	Fair.	
Fort Crawford	67.63	81.80	68.83	72.75	91	54	4	4	2	4	2	11	4	3	3	S.	21	-	7	-	-	-	-	Fair.	
Fort Constitution	57.60	64.76	56.60	59.65	84	45	2	2	4	2	2	12	1	1	3	S.	18	-	2	-	-	-	-	Fair.	
Fort Gratiot	66.46	72.90	64.20	67.85	93	50	4	4	3	-	1	6	4	4	2	N.	20	1	9	-	-	-	-	Fair.	
Watervliet Arsenal	61.63	80.36	64.63	68.87	91	50	3	8	2	2	2	6	3	3	8	N.W.	24	3	3	-	-	-	-	Fair.	
Fort Independence	59.10	73.00	60.13	64.07	78	47	-	3	8	-	3	1	1	13	1	S.W.	20	2	8	-	-	-	-	Fair.	
Fort Wolcott	54.23	67.50	57.30	59.67	82	45	3	-	2	4	4	1	1	19	1	S.W.	18	11	1	-	-	-	-	Fair.	
West Point	62.06	73.10	63.56	66.24	86	53	1	14	-	-	3	12	-	6	11	N.W.	16	-	14	-	-	-	-	Fair.	
Fort Trumbull	66.80	72.63	67.60	69.01	82	55	2	4	2	3	3	6	1	9	1	S.W.	20	10	-	-	-	-	-	Fair.	
Fort Columbus	62.63	75.50	63.30	67.14	89	48	3	4	1	6	6	5	-	9	1	S.W.	25	3	-	-	-	-	-	Fair.	

JUNE—CONTINUED.

No. VI.

PLACES OF OBSERVATION.	THERMOMETER.				WINDS.				WEATHER.						
	Mean Temperature.		Aggregate	Mean Temperature.	Highest degree.	Lowest degree.	Range.	Days	Days	Days	Days	Days	Days		
	A. M.	P. M.												P. M.	P. M.
	VII.	II.	IX.	Prevaling.											
Fort Leavenworth	65.26	81.60	70.46	72.44	92	53	39	6	7	17	3	9	21	9	Fair.
Fort McHenry	66.33	78.50	70.43	71.75	90	54	36	5	4	3	3	3	24	3	Fair.
Fort Severn	70.80	75.63	69.50	71.97	93	53	40	3	2	6	2	2	21	4	Fair.
Jefferson Barracks	82.90	85.36	73.40	80.55	94	53	41	8	3	2	4	3	27	3	Fair.
Bellona Arsenal	70.53	79.93	73.26	74.57	92	58	34	3	5	2	4	2	20	8	Fair.
Fort Monroe	63.33	70.53	66.36	66.74	87	50	37	3	12	1	7	3	21	6	Fair.
Fort Gibson	69.16	89.66	73.13	77.31	92	59	33	3	5	2	2	1	19	5	Fair.
Fort Johnston	73.93	85.46	72.53	77.30	93	58	35	1	1	1	4	9	24	6	Fair.
Augusta Arsenal	72.23	81.86	78.63	77.57	90	65	25	3	8	2	2	2	17	6	Fair.
Fort Moultrie	73.36	78.10	79.33	76.93	84	64	20	2	12	7	2	2	23	6	Fair.
Fort Jesup	73.80	87.76	74.73	78.76	93	70	23	2	14	2	7	12	29	1	Fair.
Baton Rouge Bar'ks	72.80	86.13	76.73	78.55	89	65	24	1	6	2	1	2	25	3	Fair.
Fort Pike	77.26	84.63	79.86	80.58	88	67	21	3	4	3	3	5	27	4	Fair.
Fort Marion	76.53	80.30	76.60	77.81	86	72	14	3	3	2	7	3	24	3	Cl'dy.
Key West Barracks	80.16	83.76	78.96	80.62	86	74	12	1	15	7	1	1	20	4	Fair.

JULY.

No. VII.

PLACES OF OBSERVATION.	THERMOMETER.					WINDS.							WEATHER.														
	Mean Temperature.					Range.	Highest degree.	Lowest degree.	N.	N.W.	N.E.	E.	S.E.	S.	S.W.	W.	Prevaling.	Fair.	Cl'dy.	Rain.	Snow.	Days	Days	Days	Prevaling.		
	A. M.		P. M.		P. M.																					Aggregate	Days
	VII.	II.	IX.	Mean Temperature.	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days			
Fort Brady	62.74	77.64	68.29	69.55	88	36	52	36	10	9	2	2	4	1	1	2	N.	2	1	9	9	22	9	-	-	-	Fair.
Hancock Barracks	57.06	69.48	59.96	62.16	83	34	49	34	-	5	6	12	4	4	4	-	S.E.	-	1	20	10	1	1	1	9	-	Cl'dy.
Fort Mackinack	53.06	70.93	61.09	61.69	82	30	46	31	1	3	4	4	-	1	1	19	W.	-	1	9	21	1	1	9	-	Fair.	
Fort Sullivan	54.29	63.54	54.77	57.53	77	32	46	31	1	3	3	7	16	5	9	-	S.	-	1	5	17	5	5	8	-	Fair.	
Fort Snelling	71.83	78.96	70.38	73.72	90	32	58	32	1	3	2	2	5	6	5	2	W.	-	1	8	18	5	8	-	Fair.		
Fort Winnebago	75.03	82.32	70.77	76.04	93	32	61	32	1	6	1	1	7	5	2	2	N.W.	2	2	2	26	2	3	-	Fair.		
Fort Crawford	70.00	82.58	70.64	74.40	94	34	60	34	2	2	1	2	12	5	4	4	N.W.	4	2	4	25	4	2	-	Fair.		
Fort Constitution	61.32	67.59	61.03	63.31	86	31	51	35	2	2	2	2	9	5	2	2	S.	2	10	10	19	10	2	-	Fair.		
Fort Gratiot	70.03	76.25	66.70	70.99	92	34	58	34	13	2	3	2	2	9	2	2	N.	2	7	12	19	12	6	-	Fair.		
Waterviet Arsenal	64.80	79.19	69.19	71.06	95	39	56	39	-	3	1	2	2	10	2	7	S.W.	7	2	5	20	5	6	-	Fair.		
Fort Independence	62.51	76.09	64.67	67.75	90	38	52	38	-	4	3	3	2	2	17	2	S.W.	2	17	18	18	18	1	4	-	Fair.	
Fort Wolcott	60.29	74.06	63.00	65.78	80	37	53	37	-	4	3	1	1	2	23	3	S.W.	3	9	18	18	18	13	-	Fair.		
West Point	69.03	78.38	67.71	71.70	92	32	60	32	1	1	1	3	3	10	4	8	N.W.	8	4	4	22	5	5	-	Fair.		
Fort Trumbull	71.27	76.93	71.51	73.23	84	32	62	32	-	4	2	2	3	7	2	2	W.	2	14	16	18	22	4	4	-	Fair.	
Fort Columbus	69.83	82.22	67.93	73.32	93	37	56	37	-	4	2	2	7	5	4	4	S.	4	5	5	23	5	5	-	Fair.		

JULY—CONTINUED.

No. VII.

PLACE.	THERMOMETER.												WINDS.												WEATHER.		
	Mean Temperature.			Aggregate Mean Temperature.	Highest degree.	Lowest degree.	Range.	N. W.		N. E.		E. S. E.		S. S. W.		S. W.		W. S. W.		Fair.	Clay.	Rain.	Snow.				
	VII.	II.	IX.					Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days					Days	Days		
Fort Leavenworth	68.96	85.87	74.77	76.53	94	60	34	-	7	6	2	9	2	4	1	1	1	18	13	18	-	-	-	-	Fair.		
Fort McHenry	69.41	84.06	76.09	76.52	91	60	31	1	8	2	1	2	1	7	9	3	24	7	24	24	-	-	-	-	Fair.		
Fort Severn	75.55	81.78	73.71	77.01	93	64	29	1	1	2	2	4	4	2	2	3	23	3	23	23	-	-	-	-	Fair.		
Jefferson Barracks	72.12	83.96	73.51	76.53	95	61	34	10	11	3	3	3	3	1	3	1	1	22	10	19	1	8	2	-	-	Fair.	
Bellona Arsenal	74.06	84.58	75.93	78.19	94	66	28	3	7	3	1	6	2	6	3	3	17	8	17	17	-	-	-	-	Fair.		
Fort Monroe	69.22	76.38	71.48	72.36	86	63	23	-	1	9	1	2	8	7	6	6	16	3	16	16	-	-	-	-	Fair.		
Fort Gibson	73.96	89.29	77.51	80.25	98	68	30	-	-	-	3	15	4	3	3	3	26	3	26	26	-	-	-	-	Fair.		
Fort Johnston	77.45	84.58	78.64	80.22	94	72	22	-	-	11	3	1	4	16	12	1	14	14	16	14	-	-	-	-	Fair.		
Augusta Arsenal	78.35	85.22	81.61	81.72	92	72	20	-	1	3	2	3	2	5	4	1	22	3	22	22	-	-	-	-	Fair.		
Fort Moultrie	77.70	82.64	79.38	79.90	90	70	20	-	-	2	9	7	7	4	2	16	1	14	16	16	-	-	-	-	Fair.		
Fort Jesup	78.80	90.29	77.80	82.29	95	70	25	-	-	1	12	2	2	14	1	1	20	2	20	20	-	-	-	-	Fair.		
Baton Rouge Bar'ks	77.83	88.48	80.19	82.16	91	74	18	-	-	3	6	6	7	4	9	1	30	1	30	30	-	-	-	-	Fair.		
Fort Pike	80.29	84.05	82.45	82.26	91	76	17	-	-	5	3	6	4	4	2	2	18	1	18	18	-	-	-	-	Fair.		
Fort Marion	79.61	82.90	79.77	80.76	88	78	10	-	-	6	12	4	4	2	2	7	11	11	11	11	-	-	-	-	Fair.		
Key West Barracks	82.58	85.48	81.80	83.28	89	77	12	-	-	2	14	1	1	7	7	1	20	1	20	20	-	-	-	-	Fair.		

AUGUST.

No. VIII.

PLACES OF OBSERVATION.	THERMOMETER.				WINDS.							WEATHER.														
	Mean Temperature.				Aggregate Mean Temperature.	Highest degree.	Lowest degree.	Range.	N.	N.W.	N.E.	E.	S.E.	S.	S.W.	W.	Prevaling.	Fair.	Ch'dy.	Rain.	Snow.	Days	Days	Days	Days	Prevaling.
	A. M.		P. M.																							
	Mean Temperature.		Mean Temperature.																							
Fort Brady	62.74	77.64	68.29	69.55	88	52	36	10	9	2	4	1	4	1	2	2	N.	2	22	9	-	-	-	-	Fair.	
Hancock Barracks	57.06	69.48	59.96	62.16	83	49	34	1	-	5	6	4	4	4	-	-	S.E.	-	10	1	1	20	-	-	Ch'dy.	
Fort Mackinack	53.06	70.93	61.09	61.69	82	52	30	1	3	3	4	-	1	1	19	-	W.	-	21	1	1	9	-	-	Fair.	
Fort Sullivan	54.29	63.54	54.77	57.53	77	46	31	1	3	4	3	7	16	6	9	-	S.	-	17	1	5	9	-	-	Fair.	
Fort Snelling	71.83	78.96	70.38	73.72	90	58	32	1	3	2	2	5	5	6	2	2	W.	-	18	5	5	3	-	-	Fair.	
Fort Winnebago	75.03	82.32	70.77	76.04	93	61	32	6	8	1	1	2	5	8	5	2	N.W.	-	26	2	2	8	-	-	Fair.	
Fort Crawford	70.00	82.58	70.64	74.40	94	60	34	2	9	1	2	5	8	4	3	2	N.W.	-	25	4	2	2	-	-	Fair.	
Fort Constitution	61.32	67.59	61.03	63.31	86	61	35	-	2	2	3	3	2	9	5	2	S.	-	19	10	2	2	-	-	Fair.	
Fort Gratiot	70.03	76.25	66.70	70.99	92	58	34	13	2	3	3	2	9	-	2	2	S.	-	19	12	6	-	-	-	Fair.	
Waterviet Arsenal	64.80	79.19	69.19	71.06	95	56	39	-	8	1	-	5	5	10	7	2	S.W.	-	20	5	6	-	-	-	Fair.	
Fort Independence	62.51	76.09	64.67	67.75	90	53	38	-	3	1	-	2	2	17	2	2	S.W.	-	18	12	1	4	-	-	Fair.	
Fort Wolcott	60.29	74.06	63.00	65.78	80	53	27	-	3	4	3	-	1	1	23	-	S.W.	-	18	9	1	4	-	-	Fair.	
West Point	69.03	78.38	67.71	71.70	92	60	32	1	14	2	-	3	10	4	3	10	N.W.	-	18	18	-	13	-	-	Fair.	
Fort Trumbull	71.27	76.93	71.51	73.23	84	62	22	2	6	2	2	1	3	4	7	4	W.	-	22	5	5	4	-	-	Fair.	
Fort Columbus	69.83	82.22	67.93	73.32	93	56	37	-	4	2	7	4	7	5	5	4	S.	-	23	3	5	3	-	-	Fair.	

No. VIII.

AUGUST—CONTINUED.

PLACES	THERMOMETER.				WINDS.							WEATHER.															
	Mean Temperature.				Aggregate Mean Temperature.	Highest degree.	Lowest degree.	Range.	N. W.		N. E.		S. E.		S. W.		Fair.	Cldy.	Rain.	Snow.							
	A. M.	P. M.	P. M.	P. M.					Days	Days	Days	Days	Days	Days	Days	Days					Days	Days	Days				
	VII.	H.	IX.		Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days							
Fort Leavenworth	68.96	85.87	74.77	76.53	94	60	34	7	6	2	9	2	4	1	1	18	13	-	-	13	18	S. E.	1	1	1	1	Fair.
Fort McHenry	69.41	84.06	76.09	76.52	91	60	31	8	2	1	2	1	7	9	3	24	7	-	-	-	24	9	3	3	3	Fair.	
Fort Severn	75.55	81.78	73.71	77.01	93	64	29	9	3	2	7	4	2	1	2	23	3	5	-	-	23	3	5	5	5	Fair.	
Jefferson Barracks	72.12	83.96	73.51	76.53	95	61	34	10	11	3	3	3	1	1	3	22	1	8	-	-	22	1	8	8	8	Fair.	
Bellona Arsenal	74.06	84.58	75.93	78.19	94	66	28	3	7	3	1	6	8	7	3	19	10	2	-	-	19	10	2	2	2	Fair.	
Fort Monroe	69.22	76.38	71.48	72.36	86	63	23	3	1	9	1	2	8	3	6	17	8	6	-	-	17	8	6	6	6	Fair.	
Fort Gibson	73.96	89.29	77.51	80.25	98	68	30	-	-	-	3	15	4	16	-	16	7	8	-	-	16	7	8	8	8	Fair.	
Fort Johnston	77.45	84.58	78.64	80.22	94	72	22	-	-	11	3	1	-	3	5	26	3	2	-	-	26	3	2	2	2	Fair.	
Augusta Arsenal	78.35	85.22	81.61	81.72	92	72	20	-	-	6	3	2	7	7	12	22	3	6	-	-	22	3	6	6	6	Fair.	
Fort Moultrie	77.70	82.64	79.38	79.90	90	70	20	1	-	2	9	7	7	7	16	14	16	1	-	-	14	16	1	1	1	Cldy.	
Fort Jesup	77.80	90.29	77.80	82.29	95	70	25	-	-	1	12	2	7	14	1	29	2	1	-	-	29	2	1	1	1	Fair.	
Baton Rouge Bar'ks	77.83	88.48	80.19	82.16	94	76	18	7	-	1	12	2	7	14	1	20	1	1	-	-	20	1	1	1	1	Fair.	
Fort Pike	80.29	84.05	83.45	82.26	91	74	17	1	1	5	3	6	4	4	9	30	1	1	-	-	30	1	1	1	1	Fair.	
Fort Marion	79.61	82.90	79.77	80.76	88	78	10	1	-	6	6	12	4	2	7	18	1	1	-	-	18	1	1	1	1	Fair.	
Key West Barracks	82.58	85.48	81.80	83.28	89	77	12	-	-	2	14	1	1	7	7	20	1	1	-	-	20	1	1	1	1	Fair.	

ORIGINAL RECORDS

SEPTEMBER.

No. IX.

PLACES OF OBSERVATION.	THERMOMETER.				Range.	WINDS.							WEATHER.											
	Mean Temperature.					Highest degree.	N.	N.W.	N.E.	E.	S.E.	S.	S.W.	W.	Prevaling.	Days	Days	Days	Days					
	A. M.	P. M.	P. M.	IX.																Aggregate Mean Temperature.	Lowest degree.	Days	Days	Days
Fort Brady	49.16	64.96	52.13	55.41	80	37	43	7	4	3	4	2	3	3	4	3	14	7	9	9	14	Fair.	Cl'dy.	Cl'dy.
Hancock Barracks	50.10	67.16	55.06	57.44	85	35	50	2	6	17	4	5	2	2	3	-	27	8	3	3	27	Fair.	Fair.	Fair.
Fort Mackinack	52.90	60.30	49.96	54.38	75	36	39	2	4	4	1	1	3	3	3	13	39	5	12	12	39	Fair.	Fair.	Fair.
Fort Sullivan	52.53	59.56	53.13	55.07	71	42	29	2	1	1	2	2	14	3	3	7	18	5	7	7	18	Fair.	Fair.	Fair.
Fort Snelling	54.96	68.96	57.60	60.50	83	35	48	3	6	1	1	3	9	3	10	18	18	5	7	7	18	Fair.	Fair.	Fair.
Fort Winnebago	61.56	73.06	60.23	64.95	88	42	46	3	3	1	3	6	6	13	1	1	17	4	9	9	17	Fair.	Fair.	Fair.
Fort Crawford	56.03	68.30	61.93	62.08	88	40	48	4	6	2	4	3	5	3	3	3	20	9	1	1	22	Fair.	Fair.	Fair.
Fort Constitution	54.20	62.90	55.00	57.36	82	49	33	1	2	3	2	3	5	1	10	4	22	4	4	4	22	Fair.	Fair.	Fair.
Fort Gratiot	58.90	69.00	60.46	62.78	86	42	44	5	2	2	1	3	7	6	4	4	15	15	15	15	15	Fair.	Fair.	Fair.
Watervliet Arsenal	55.06	70.16	59.10	61.44	82	47	35	1	6	6	4	2	2	3	5	4	18	18	12	12	18	Fair.	Fair.	Fair.
Fort Independence	57.86	69.53	59.13	62.17	84	47	37	2	12	2	-	3	2	14	1	1	21	21	7	7	21	Fair.	Fair.	Fair.
Fort Wolcott	56.96	69.06	59.10	61.70	78	42	36	1	6	3	-	2	2	10	1	1	19	19	5	5	19	Fair.	Fair.	Fair.
West Point	58.63	68.06	61.76	62.81	80	50	30	5	12	4	-	2	10	9	2	2	22	22	8	8	22	Fair.	Fair.	Fair.
Fort Trumbull	65.30	70.61	67.26	67.72	78	55	23	6	4	2	-	2	7	3	2	1	23	23	1	1	23	Fair.	Fair.	Fair.
Fort Columbus	60.90	75.16	60.16	65.40	83	52	31	-	6	2	-	7	3	4	8	8	19	19	6	6	19	Fair.	Fair.	Fair.

SEPTEMBER—CONTINUED.

No. IX.

OBSERVATION.	THERMOMETER.				Range.	WINDS.	WEATHER.	Prevaling.		
	Mean Temperature.								Highest degree.	Lowest degree.
	A. M.	P. M.	P. M.	P. M.						
Fort Leavenworth	57.60	79.96	66.50	63.02	90			Fair.		
Fort McHenry	65.86	78.86	70.10	71.60	87			Fair.		
Fort Severn	67.33	72.37	66.76	68.82	86			Fair.		
Jefferson Barracks	59.90	73.50	64.74	66.04	85			Fair.		
Bellona Arsenal	66.90	73.76	69.86	70.17	87			Fair.		
Fort Monroe	66.23	69.66	67.10	67.66	76			Fair.		
Fort Gibson	65.20	83.73	67.67	72.20	92			Fair.		
Fort Johnston	73.33	80.40	73.76	75.83	84			Fair.		
Augusta Arsenal	68.23	80.80	71.73	73.58	92			Fair.		
Fort Moultrie	72.53	79.50	76.13	76.05	88			Fair.		
Fort Jesup	71.83	83.06	72.30	75.73	94			Cl'dy.		
Baton Rouge Bar'ks	71.86	82.70	74.03	76.19	92			Fair.		
Fort Pike	73.46	82.13	79.06	78.21	94			Fair.		
Fort Marion	74.70	82.20	79.30	78.73	87			Fair.		
Key West Barracks	79.10	82.03	80.03	80.38	85			Fair.		

OCTOBER.

No. X.

PLACES OR OBSERVATION.	THERMOMETER.				Range.	Highest degree.	Lowest degree.	WINDS.							WEATHER.								
	Mean Temperature.							N.	N.W.	N.E.	E.	S.E.	S.	S.W.	W.	Fair.	Cl'dy.	Rain.	Snow.	Days.	Days.	Days.	Prevailing.
	A. M.	P. M.	P. M.	P. M.																			
	VII.	II.	IX.																				
Fort Brady	41.64	60.29	46.87	49.60	58	82	24	8	5	3	1	4	16	6	9	-	-	16	16	Fair.			
Hancock Barracks	40.71	54.38	44.00	46.36	42	68	26	6	7	2	2	12	21	-	10	-	-	21	21	Fair.			
Fort Mackinack	44.45	50.12	45.64	46.73	35	64	29	2	5	2	4	16	17	13	1	-	-	17	17	Fair.			
Fort Sullivan	44.51	53.83	45.90	48.08	39	69	30	3	2	3	4	8	23	4	10	-	-	23	23	Fair.			
Fort Snelling	42.51	59.96	49.54	50.67	48	78	30	1	2	5	8	2	16	1	7	-	-	16	16	Fair.			
Fort Winnebago	49.64	64.22	53.22	55.69	46	78	32	6	5	4	3	5	20	5	6	-	-	20	20	Fair.			
Fort Crawford	46.83	57.48	51.74	52.01	46	76	28	4	2	2	6	7	19	11	7	-	-	19	19	Fair.			
Fort Constitution	46.41	57.41	50.09	51.30	43	73	30	2	7	3	4	6	23	4	6	-	-	23	23	Fair.			
Fort Gratiot	48.16	60.38	53.35	53.96	46	76	30	2	10	3	2	8	20	5	6	-	-	20	20	Fair.			
Watervliet Arsenal	44.96	56.70	48.16	49.94	46	76	28	-	4	4	2	4	19	11	8	-	-	19	19	Fair.			
Fort Independence	49.58	61.48	52.93	54.66	46	76	30	1	5	5	1	15	20	6	6	-	-	20	20	Fair.			
Fort Wolcott	49.61	59.48	52.00	53.69	37	67	30	2	6	4	1	11	19	6	6	-	-	19	19	Fair.			
West Point	51.61	59.71	55.12	55.48	37	67	35	2	1	3	10	2	16	11	4	-	-	16	16	Fair.			
Fort Trumbull	57.19	61.96	59.29	59.48	32	70	38	5	3	3	3	6	17	8	4	-	-	17	17	Fair.			
Fort Columbus	50.54	60.45	51.19	54.06	42	74	33	4	5	4	2	10	16	14	1	-	-	16	16	Fair.			

DECEMBER.

No. XII.

PLACES or OBSERVATION.	THERMOMETER.				WINDS.							WEATHER.													
	Mean Temperature.				Aggregate Mean Temperature.	Highest degree.	Lowest degree.	Range.	N. Days	N.W. Days	N.E. Days	E. Days	S.E. Days	S. Days	S.W. Days	W. Days	Prevaling.	Fair. Days	Cl'dy. Days	Rain. Days	Snow. Days				
	A. M.	P. M.	P. M.	P. M.																					
	VII.	II.	IX.																						
Fort Brady	20.67	27.03	24.80	24.16	45	-4	49	7	3	4	12	3	3	1	1	1	1	2	18	11	-	-	Cl'dy.		
Hancock Barracks	10.80	21.90	13.54	15.41	35	-11	46	1	13	12	1	4	4	-	3	4	1	21	1	1	26	9	9	Fair.	
Fort Mackinack	25.12	28.83	27.09	27.01	40	0	40	2	2	5	3	3	3	5	4	4	4	9	6	6	4	12	12	Cl'dy.	
Fort Sullivan	20.42	25.38	24.32	23.37	42	0	42	2	15	3	2	-	3	4	1	4	5	9	11	8	18	5	5	Cl'dy.	
Fort Snelling	19.70	32.03	25.58	25.77	49	-11	60	4	10	1	-	3	8	8	5	2	2	12	11	6	5	5	5	Cl'dy.	
Fort Winnebago	27.58	39.35	30.96	32.63	57	-	59	6	4	5	1	2	4	5	3	5	8	15	18	1	1	1	1	1	Cl'dy.
Fort Crawford	25.38	32.70	28.64	28.90	56	5	51	5	6	6	5	4	3	2	3	8	5	13	13	2	3	4	4	4	Cl'dy.
Fort Constitution	25.96	32.58	29.54	29.36	47	6	38	3	5	7	1	-	1	12	6	5	10	14	13	2	3	4	4	4	Cl'dy.
Fort Gratiot	29.83	35.83	30.25	31.97	47	9	41	2	19	3	1	-	1	6	2	1	10	12	12	3	7	3	7	7	Fair.
Waterviet Arsenal	25.54	32.87	28.69	29.03	48	2	46	2	12	3	-	1	3	1	1	3	3	17	17	3	7	8	4	4	Fair.
Fort Independence	29.64	35.35	32.54	32.47	47	15	32	1	12	6	-	-	1	1	8	3	3	12	12	7	8	4	4	4	Fair.
Fort Wolcott	31.70	38.06	32.90	34.22	52	15	37	2	4	19	6	-	2	3	3	3	3	16	16	3	7	7	5	5	Fair.
West Point	31.06	38.87	33.58	34.50	50	12	48	4	19	4	-	2	2	1	3	5	1	15	15	8	7	1	1	1	Cl'dy.
Fort Trumbull	40.29	44.90	43.16	42.78	60	23	37	8	5	6	4	3	2	1	3	6	7	8	8	7	7	6	6	6	Fair.
Fort Columbus	34.16	40.48	34.71	36.45	48	19	29	1	6	6	2	2	2	1	6	7	6	16	16	6	6	6	6	6	Fair.

DECEMBER—CONTINUED.

No. XII.

PLACES OF OBSERVATION.	THERMOMETER.				WINDS.												WEATHER.													
	Mean Temperature.			Aggregate Mean Temperature.	Highest degree.	Lowest degree.	Range.	N.		N. E.		E.		S. E.		S.		S. W.		W.		Prevaling.	Days	Rain.	Snow.	Days	Prevaling.			
	A. M.	P. M.	P. M.					VII.	II.	IX.	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days							Days	Days	Days
Fort Leavenworth	28.96	43.35	33.54	35.25	60	1	59	9	5	1	2	2	10	2	10	3	4	4	3	4	4	4	4	3	15	13	7	4	3	C'dy.
Fort McHenry	34.51	43.64	38.77	38.97	54	20	34	-	12	9	1	1	-	1	9	7	4	4	3	7	1	1	1	20	7	10	8	11	2	Fair.
Fort Severn	40.12	47.38	42.22	43.24	56	31	25	3	7	-	2	2	-	2	12	1	4	4	7	1	4	4	4	16	9	6	4	6	4	C'dy.
Jefferson Barracks	31.64	42.35	36.67	36.88	67	7	60	3	9	1	3	2	3	2	5	1	4	4	4	4	5	5	5	19	8	4	4	4	4	Fair.
Bellona Arsenal	40.66	47.61	43.80	44.02	58	23	35	2	4	2	2	2	2	2	3	2	2	2	2	10	10	4	4	16	13	3	2	2	4	Fair.
Fort Monroe	39.90	45.03	41.48	42.13	56	28	28	2	7	8	2	6	10	6	10	2	5	4	4	5	7	7	5	18	9	3	2	1	4	Fair.
Fort Gibson	37.58	60.09	44.64	47.43	70	27	43	2	1	9	1	4	1	1	4	1	4	2	2	5	7	7	5	19	7	5	4	4	4	Fair.
Fort Johnston	50.61	60.45	62.06	57.70	74	32	42	4	5	8	7	1	1	1	5	5	1	1	7	7	4	4	4	14	13	4	2	-	-	C'dy.
Augusta Arsenal	45.77	51.58	50.90	49.41	68	31	37	-	8	2	4	4	1	1	5	5	1	4	4	4	4	4	4	20	9	2	2	-	-	Fair.
Fort Moultrie	49.51	59.38	54.22	54.37	72	32	46	13	2	10	4	6	1	1	5	5	1	1	4	4	4	4	4	24	9	7	11	3	3	Fair.
Fort Jesup	47.16	63.74	55.12	53.34	78	40	38	2	3	4	4	6	8	8	5	5	2	2	2	2	2	2	2	13	7	7	11	3	3	C'dy.
Baton Rouge Bar ^{ks}	52.54	63.58	57.83	57.98	78	40	34	1	3	4	4	1	1	1	4	4	1	1	1	1	1	1	1	13	13	14	14	4	4	C'dy.
Fort Pike	55.90	64.29	58.09	59.42	74	46	34	1	4	1	6	7	6	6	5	5	2	2	2	2	2	2	2	17	14	4	10	5	5	Fair.
Fort Marion	58.87	64.96	59.45	61.09	73	46	27	3	4	1	6	7	7	7	5	5	2	2	2	2	2	2	2	17	14	4	10	5	5	Fair.
Key West Barracks	69.70	71.71	70.29	70.56	76	64	12	4	2	13	7	7	7	7	5	5	2	2	2	2	2	2	2	20	6	6	5	5	5	Fair.

MEAN OF OBSER

PLACES OF OBSERVATION.	THERMOMETER.								
	Mean Temperature.								
	Year.	Winter.	Spring.	Summer.	Autumn.	A. M.	P. M.	P. M.	Highest de- gree.
						VII.	II.	IX.	
Fort Brady	41.61	17.30	38.35	64.99	45.83	36.07	50.11	39.52	91
Hancock Barracks	39.68	15.55	36.70	61.37	45.08	33.35	47.50	38.19	87
Fort Mackinack	40.25	17.96	36.84	61.88	44.32	36.99	45.24	38.20	82
Fort Sullivan	41.35	23.13	37.88	57.89	46.52	38.33	46.57	39.44	81
Fort Snelling	45.94	16.82	49.30	69.42	48.23	40.86	54.09	42.63	90
Fort Winnebago	50.37	24.62	50.83	73.48	52.55	44.72	58.82	47.43	93
Fort Crawford	47.65	19.09	49.39	72.40	49.75	42.20	53.75	47.04	94
Fort Constitution	45.41	27.34	41.76	62.73	49.81	42.12	49.96	43.67	86
Fort Gratiot	47.88	26.07	44.26	69.27	51.94	44.91	53.02	45.73	93
Watervliet Arsenal	47.01	24.10	41.36	69.54	53.04	41.99	54.70	45.02	95
Fort Independence	48.76	30.38	44.14	66.68	53.86	44.69	53.32	46.80	90
Fort Wolcott	48.03	31.67	42.53	64.67	53.27	43.58	54.46	45.71	80
West Point	50.97	31.77	48.02	69.52	54.58	47.96	56.56	49.79	92
Fort Trumbull	54.75	37.74	49.16	72.06	60.05	52.25	58.07	53.94	82
Fort Columbus	51.29	32.41	47.79	70.24	54.72	47.87	57.96	48.80	97
Fort Leavenworth	52.77	26.88	54.95	74.00	55.27	44.17	63.88	50.84	94
Fort McHenry	53.05	36.08	53.30	73.43	59.40	50.67	62.00	54.83	91
Fort Severn	55.95	37.79	52.30	75.14	58.58	52.85	60.50	54.33	93
Jefferson Barracks	56.12	33.02	57.72	77.22	56.54	51.71	62.50	54.01	94
Bellona Arsenal	60.04	45.53	58.15	76.92	59.78	55.29	64.05	58.92	94
Fort Monroe	56.01	38.70	50.76	70.56	64.08	51.90	58.86	54.51	87
Fort Gibson	61.10	43.72	63.04	77.98	61.87	53.83	72.63	58.79	98
Fort Johnston	64.07	44.51	63.75	79.20	68.82	61.77	72.79	64.44	98
Augusta Arsenal	65.44	53.54	63.92	79.64	64.66	58.40	71.18	64.50	92
Fort Moultrie	66.01	53.53	65.12	77.81	67.60	62.93	69.85	66.04	90
Fort Jesup	66.17	52.38	67.15	80.68	64.49	60.53	75.03	63.14	94
Baton Rouge Bar'ks	68.33	56.53	68.22	80.72	67.86	62.93	75.02	67.04	94
Fort Pike	70.83	59.75	71.21	82.22	70.15	66.68	75.38	70.19	94
Fort Marion	70.60	59.85	70.58	79.64	72.35	68.22	73.99	69.59	88
Key West Barracks	76.05	71.08	75.98	81.48	75.69	75.10	78.35	74.73	90

VARIATIONS FOR 1832.

Lowest de- gree.	Range for the Year.	Mean monthly range.	WINDS.									WEATHER.								
			N.		N. W.		N. E.		E.		S. E.		S.		S. W.		W.		Prevailing.	
			Days.	N.	Days.	N. W.	Days.	N. E.	Days.	E.	Days.	S. E.	Days.	S.	Days.	S. W.	Days.	W.	Days.	Prevailing.
-28	119	53.0	81	59	43	50	47	18	19	49	N.	172	87	76	31	Cl'dy.				
-19	106	51.7	4	91	124	30	82	24	10	1	N. E.	236	10	79	41	Fair.				
-22	104	43.0	15	46	18	52	25	16	35	159	W.	172	101	63	30	Cl'dy.				
-7	88	40.4	30	67	33	25	34	90	40	47	S.	194	43	87	42	Fair.				
-30	120	53.0	25	66	11	17	26	68	57	96	W.	191	92	58	25	Fair.				
-33	126	54.4	56	52	18	27	28	79	63	43	S.	205	52	77	32	Fair.				
-32	126	53.0	67	46	17	30	40	88	46	32	S.	194	135	25	12	Fair.				
-4	90	42.0	18	69	47	30	10	83	50	59	S.	210	119	30	7	Fair.				
-10	103	47.7	93	35	33	2	21	99	42	41	S.	189	104	49	24	Fair.				
-16	111	47.9	18	113	11	4	23	83	47	67	N.W.	220	72	54	20	Fair.				
0	90	41.7	14	73	59	15	18	25	139	23	S.W.	213	62	74	17	Fair.				
2	78	39.8	12	83	50	6	25	15	150	25	S.W.	180	91	75	20	Cl'dy.				
2	90	38.5	50	113	5	4	31	125	10	28	S.	214	32	96	14	Fair.				
10	72	32.8	38	67	57	12	30	31	83	48	S.W.	225	82	52	7	Fair.				
1	96	39.8	16	61	43	16	66	45	74	45	S.W.	235	84	41	6	Fair.				
-26	120	60.0	35	66	31	14	57	116	27	20	S.	214	122	16	14	Fair.				
0	91	43.0	10	73	64	31	41	14	50	83	W.	244	73	45	4	Fair.				
1	92	40.8	15	89	38	9	113	45	36	21	S. E.	195	70	90	11	Fair.				
-12	106	51.8	33	153	30	2	53	62	15	18	N.W.	216	59	81	10	Fair.				
4	90	38.6	24	53	49	21	62	21	83	53	S.W.	226	82	52	6	Fair.				
8	79	32.8	43	28	105	21	22	29	98	20	N. E.	191	127	48	-	Fair.				
1	97	49.5	6	34	8	88	131	24	36	39	S. E.	195	97	68	6	Fair.				
16	82	35.1	11	34	97	10	21	8	184	1	S.W.	237	72	57	-	Fair.				
8	84	39.5	7	70	59	26	62	13	88	41	S.W.	188	78	100	-	Fair.				
22	68	29.6	10	31	71	66	64	58	40	26	N. E.	231	112	23	-	Fair.				
12	82	42.0	58	8	19	122	19	23	17	100	E.	262	97	7	-	Fair.				
13	81	36.6	20	32	45	59	41	31	93	45	S.W.	231	34	100	1	Fair.				
21	73	32.6	30	31	52	83	82	10	30	48	S. E.	279	56	31	-	Fair.				
25	63	23.5	31	40	82	39	78	45	38	13	S. E.	215	50	101	-	Fair.				
55	35	14.3	32	35	151	54	62	4	20	8	N. E.	260	40	66	-	Fair.				

JANUARY.

No. I.

PLACES or OBSERVATION.	THERMOMETER.					Range.	Lowest degree.	Highest degree.	Mean Temperature. Average	WINDS.							WEATHER.											
	Mean Temperature.									N.	N.W.	N.E.	E.	S.E.	S.	S.W.	W.	Prevailing.										
	A. M.	P. M.	P. M.	P. M.	IX.													Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days
	VII.		II.		IX.													Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days
Fort Brady	13.32	22.38	17.54	17.74	46	62	-16	17.74	46	8	3	5	4	6	1	1	3	N.W.	7	13	3	8	Cl'dy.					
Hancock Barracks	10.29	19.83	12.32	14.14	41	65	-24	14.14	41	-	13	11	1	6	3	-	5	N.W.	15	6	6	10	Cl'dy.					
Fort Mackinack	19.38	24.35	20.90	21.54	44	53	-9	21.54	44	4	13	1	4	6	3	1	5	N.W.	7	23	1	6	Cl'dy.					
Fort Sullivan	20.41	28.41	20.74	23.18	46	59	-13	23.18	46	3	10	7	-	4	4	4	2	N.W.	11	-	5	15	Cl'dy.					
Fort Shelling	15.00	28.16	20.42	21.19	45	62	-17	21.19	45	4	14	3	-	4	3	3	3	N.W.	12	11	4	4	Cl'dy.					
Fort Howard	17.58	25.22	21.64	21.48	50	64	-14	21.48	50	1	4	8	2	1	14	1	-	S.	9	15	3	4	Cl'dy.					
Fort Preble	23.51	29.96	26.80	26.75	48	47	1	26.75	48	7	6	7	1	1	2	5	3	N.	19	6	2	4	Fair.					
Fort Niagara	32.58	39.80	35.87	36.08	62	57	5	36.08	62	5	5	6	1	1	1	12	3	W.	2	14	4	4	Cl'dy.					
Fort Crawford	21.87	33.70	27.16	27.57	66	76	-10	27.57	66	7	4	4	3	3	6	4	3	N.	6	22	3	-	Cl'dy.					
Fort Constitution	25.58	32.48	27.93	28.66	60	64	-4	28.66	60	3	3	5	1	3	6	6	6	N.W.	15	14	-	2	Cl'dy.					
Fort Gratiot	26.87	32.83	29.25	29.65	60	63	-3	29.65	60	4	6	1	4	4	5	6	6	N.W.	5	13	5	8	Cl'dy.					
Fort Dearborn	26.96	33.29	29.51	29.92	64	68	-4	29.92	64	9	3	4	2	4	5	2	6	N.W.	11	19	1	-	Cl'dy.					
Fort Wolcott	30.64	37.09	31.89	33.20	58	54	4	33.20	58	2	4	7	-	2	2	5	4	W.	11	12	5	3	Cl'dy.					
Fort Armstrong	28.12	34.83	30.96	31.30	64	66	-2	31.30	64	1	1	6	1	2	5	4	4	N.W.	11	13	4	3	Cl'dy.					
West Point	29.51	38.61	31.25	33.12	68	62	6	33.12	68	1	1	18	3	3	12	3	1	N.W.	18	7	2	4	Fair.					
Fort Trumbull	36.32	41.70	39.38	39.13	60	46	14	39.13	60	4	4	6	6	6	3	3	6	N.W.	16	12	2	1	Fair.					
Fort Columbus	31.06	41.77	32.41	35.08	59	45	14	35.08	59	1	1	4	4	4	4	8	5	S.W.	14	14	1	2	Cl'dy.					
Fort Leavenworth	29.77	43.93	33.29	35.66	63	64	-1	35.66	63	8	5	-	-	2	11	-	-	S.	9	15	4	3	Cl'dy.					

JANUARY—CONTINUED.

No. I.

PLACES OF OBSERVATION.	THERMOMETER.				WINDS.							WEATHER.									
	Mean Temperature.		Aggregate Mean Temperature.	Highest degree.	Lowest degree.	Range.	N.		N.W.		E.		S.W.		W.	Prevalling.	Days	Rain.	Snow.	Days	Prevalling.
	A. M.	P. M.					Days	Days	Days	Days	Days	Days	Days	Days							
	VII.	II.	IX.	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days
Fort McHenry	32.41	42.67	36.12	37.06	62	14	48	-	10	6	1	3	-	1	7	17	6	-	1	Fair.	
Fort Severn	32.54	42.22	35.29	36.68	66	12	54	3	10	3	1	5	-	1	4	18	7	-	2	Fair.	
Washington City	31.00	41.70	34.09	35.59	58	12	46	2	5	7	1	1	-	-	13	13	8	-	3	Cl'dy.	
Fort Washington	33.90	41.22	37.61	38.57	65	12	53	3	7	2	2	9	-	-	7	15	6	-	3	Cl'dy.	
Jefferson Barracks	34.03	42.96	37.41	38.13	67	3	64	1	12	2	8	6	-	-	14	15	1	-	1	Fair.	
Fort Monroe	36.16	43.38	38.64	39.39	60	12	48	2	3	4	2	2	-	-	18	5	7	-	1	Fair.	
Fort Gibson	40.70	56.09	45.77	47.52	72	20	52	3	4	2	12	3	-	-	11	13	4	-	1	Fair.	
Fort Johnston	46.12	56.14	49.03	50.43	75	18	57	1	5	6	1	2	-	-	21	5	7	-	1	Fair.	
Fort Towson	42.54	65.03	46.32	51.29	71	22	49	1	12	1	4	4	-	-	11	13	4	-	1	Cl'dy.	
Augusta Arsenal	49.61	57.38	55.92	54.07	73	20	53	2	3	3	2	6	-	-	17	4	9	-	1	Fair.	
Fort Moultrie	49.48	57.80	52.45	53.24	70	21	49	2	7	6	1	1	-	-	23	7	1	-	-	Fair.	
Fort Jesup	49.35	64.41	53.61	55.79	76	28	48	15	-	-	1	1	-	-	18	13	3	-	-	Fair.	
Baton Rouge Bar'ks	53.00	63.74	56.83	57.85	76	32	44	-	5	2	9	7	-	-	3	8	8	-	-	Fair.	
Fort Pike	54.22	64.71	57.35	58.76	76	34	42	-	9	3	7	1	-	-	4	16	12	-	-	Fair.	
Fort Wood, La.	55.71	63.12	59.83	59.55	72	37	35	-	2	2	9	6	-	-	2	21	9	-	-	Fair.	
Fort Marion	57.83	63.80	57.51	59.98	71	41	30	-	2	14	6	5	-	-	4	17	1	-	-	Fair.	
Fort King	51.93	68.51	60.25	60.23	82	26	56	-	2	3	7	2	-	-	8	24	6	-	-	Fair.	

FEBRUARY—CONTINUED.

No. II.

PLACES or OBSERVATION.	THERMOMETER.				Range.	WINDS.							WEATHER.				
	Mean Temperature.					Highest degree.	N.	N.W.	N.E.	S.	S.W.	S.W.	Fair.	Cl'dy.	Rain.	Snow.	Prevalling.
	A. M.	P. M.	P. M.	IX.													
	VII.	II.	IX.	IX.		Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days
Fort McHenry	32.60	43.85	35.76	37.40	60	20	40	1	1	1	1	1	1	23	2	1	Fair.
Fort Severn	32.57	43.28	36.25	37.36	63	20	43	3	8	5	1	8	2	18	3	3	Fair.
Washington City	30.50	44.46	34.77	36.57	58	18	40	2	10	7	2	2	2	19	4	2	Fair.
Fort Washington	30.10	47.07	38.96	38.71	67	20	47	2	7	5	8	1	5	16	4	5	Fair.
Jefferson Barracks	29.00	43.46	35.21	35.89	65	11	54	5	15	2	5	4	2	14	14	6	Fair.
Fort Monroe	34.64	42.82	38.64	38.70	58	22	36	7	1	7	3	10	2	15	5	2	Fair.
Fort Gibson	36.89	53.57	42.82	44.42	72	16	56	2	1	13	2	1	4	20	9	1	Fair.
Fort Johnston	45.62	57.39	50.98	51.09	72	30	42	3	3	3	1	14	2	15	6	2	Fair.
Fort Towson	39.57	53.14	43.32	45.34	68	18	50	2	2	3	7	1	16	12	9	6	Cl'dy.
Augusta Arsenal	50.67	60.60	59.85	57.04	72	35	37	3	4	3	4	1	8	15	4	9	Fair.
Fort Moultrie	51.67	59.07	55.32	55.32	67	37	30	2	4	5	1	3	3	20	7	1	Fair.
Fort Jesup	46.75	64.07	50.75	53.85	78	34	44	5	2	2	13	1	3	10	18	1	Cl'dy.
Baton Rouge Bar'ks	52.17	64.17	58.00	58.11	76	41	39	3	5	4	6	6	2	9	11	1	Cl'dy.
Fort Pike	54.82	67.39	58.42	60.21	80	39	37	1	3	2	4	10	5	14	13	2	Fair.
Fort Wood, La.	57.35	64.39	59.82	60.52	76	45	31	3	4	5	3	8	5	11	15	2	Cl'dy.
Fort Marion	59.35	66.67	62.57	62.86	80	54	26	5	2	3	5	5	4	17	8	3	Fair.
Fort King	54.50	75.21	60.64	63.45	84	38	46	6	3	4	4	4	2	24	2	2	Fair.

No. III.

MARCH.

PLACES of OBSERVATION.	THERMOMETER.				WINDS.				WEATHER.									
	Mean Temperature.				N.	N.W.	E.	S.E.	S.	S.W.	W.	Fair.	Cl'dy.	Rain.	Snow.	Days.	Prevailing.	
	A. M.	P. M.	P. M.	P. M.														Days.
	Aggregate				Range.				Prevailing.				Days.					
Fort Brady	17.03	31.67	21.35	23.35	8	4	5	1	5	2	2	2	4	16	5	4	6	Fair.
Hancock Barracks	15.09	32.83	22.77	23.56	-	10	9	1	8	1	2	1	2	21	-	6	4	Fair.
Fort Mackinack	19.35	38.90	21.25	23.16	4	5	1	5	2	1	1	1	13	18	-	13	-	Fair.
Fort Sullivan	22.77	37.35	27.58	29.23	4	8	-	2	1	7	1	1	8	19	9	9	-	Fair.
Fort Snelling	25.93	42.54	33.80	34.09	4	11	1	1	-	5	6	3	4	20	5	4	2	Fair.
Fort Howard	22.71	38.96	30.19	30.62	8	9	4	-	-	15	3	8	2	18	6	2	5	Fair.
Fort Preble	23.32	36.80	28.38	29.50	4	9	4	4	2	2	6	12	6	23	5	3	4	Fair.
Fort Niagara	27.79	48.77	37.70	38.05	3	2	4	4	3	7	9	1	2	24	6	4	7	Fair.
Fort Crawford	27.06	43.42	34.09	34.85	3	3	6	4	3	7	9	1	2	22	7	2	2	Cl'dy.
Fort Constitution	25.96	35.80	30.32	30.69	2	7	1	1	2	2	12	2	6	23	6	3	8	Fair.
Fort Gratiot	26.51	37.45	31.06	31.67	1	6	1	1	2	4	4	1	7	21	7	2	2	Fair.
Fort Dearborn	29.96	38.58	32.25	33.59	3	6	5	5	4	1	7	1	3	14	6	3	8	Cl'dy.
Fort Wolcott	28.16	42.19	31.48	33.94	1	3	6	1	2	12	2	6	3	23	8	4	-	Fair.
Fort Armstrong	29.29	46.64	37.12	37.68	2	7	7	6	1	3	3	7	2	18	5	3	2	Fair.
West Point	28.70	42.74	34.54	35.32	5	11	4	1	-	14	-	5	1	21	6	3	2	Fair.
Fort Trumbull	36.87	45.32	41.06	41.08	4	1	4	1	-	2	2	4	1	23	3	3	2	Fair.
Fort Columbus	31.64	42.41	33.55	35.86	8	5	2	1	-	5	5	7	1	19	20	9	1	Fair.
Fort Leavenworth	32.80	42.00	37.96	40.92	1	7	4	1	4	4	14	-	1	20	8	2	1	Fair.

No. III. MARCH—CONTINUED.

PLACES	THERMOMETER.			Range.	WINDS.												WEATHER.							
	Mean Temperature.				Highest degree.	Lowest degree.	N.			S.W.			S.			E.			Days	Days	Days			
	A.M.	P.M.	P.M.				Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days				Days	Days	
Fort McHenry	34.16	47.32	40.90	40.79	68	10	58	3	7	3	6	4	4	2	6	2	2	6	N.W.	22	7	1	1	Fair.
Fort Severn	37.19	46.35	39.00	40.84	66	9	57	3	10	3	3	2	4	4	2	4	4	4	N.W.	21	4	3	3	Fair.
Washington City	34.70	49.51	40.70	41.63	62	9	53	2	11	6	-	-	4	-	5	2	2	2	N.W.	17	10	2	2	Fair.
Fort Washington	37.58	49.74	43.29	43.53	70	10	60	2	11	1	1	1	14	2	1	1	1	1	S.	17	6	5	-	Fair.
Jefferson Barracks	34.67	51.29	42.32	42.76	72	4	68	1	5	6	1	1	7	2	8	2	1	1	S.W.	20	11	3	1	Fair.
Fort Monroe	37.90	44.77	40.51	41.06	66	15	51	5	4	4	7	2	3	2	6	2	1	1	N.E.	16	11	7	-	Fair.
Fort Gibson	41.51	61.16	48.76	50.47	79	11	68	3	4	4	9	3	3	1	13	1	1	1	S.W.	15	9	7	-	Cl'dy.
Fort Johnston	49.06	60.87	52.87	54.26	72	24	48	1	1	3	3	3	7	7	8	7	6	6	S.W.	18	7	6	-	Fair.
Fort Towson	44.71	57.16	39.12	46.99	75	16	59	3	3	9	3	4	5	7	7	3	3	3	N.W.	16	5	9	-	Fair.
Augusta Arsenal	51.48	61.80	59.80	57.69	74	30	44	-	1	1	4	3	4	4	4	7	8	8	S.W.	11	10	10	-	Cl'dy.
Fort Moultrie	53.32	60.57	57.64	57.14	72	32	40	1	1	1	4	3	4	7	3	3	3	3	S.W.	19	9	9	-	Fair.
Fort Jesup	50.03	62.41	55.19	55.87	74	26	48	3	3	3	2	5	7	4	4	4	4	4	E.	17	5	16	-	Cl'dy.
Baton Rouge Bar ^{ks}	52.87	64.61	58.38	58.62	78	27	51	1	7	2	2	5	11	1	1	1	1	1	S.E.	15	9	6	-	Fair.
Fort Pike	58.54	67.71	60.06	62.10	78	31	47	1	2	6	1	1	2	2	3	3	3	3	S.E.	16	9	12	10	Cl'dy.
Fort Wood, La.	59.29	63.12	59.35	60.38	72	30	41	-	5	5	11	5	11	2	2	2	2	2	S.E.	16	9	16	-	Cl'dy.
Fort Marion	59.29	64.77	61.71	61.92	71	40	31	-	11	8	4	4	4	4	4	4	4	4	S.E.	15	15	8	8	Cl'dy.
Fort King	55.87	74.90	64.25	65.00	86	34	52	-	1	4	6	5	5	2	2	2	2	2	W.	18	11	9	2	Fair.

OBSERVATION.

Barometer reduced to 30 inches of mercury at the time of observation.

APRIL.

No. IV.

PLACES OF OBSERVATION.	THERMOMETER.					Range.	Lowest degree.	Highest degree.	Aggregate Mean Temperature.	WINDS.							WEATHER.																			
	Mean Temperature.			VII.	II.					IX.	N.	N.W.	N.E.	E.	S.E.	S.	S.W.	W.	Prevaling.	Fair.	Cl'dy.	Rain.	Snow.													
	A.M.	P.M.	P.M.																					Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days
Fort Brady	36.50	48.90	36.50	40.63	60	20	80	40.63	9	2	1	5	7	4	2	18	7	4	1	Fair.																
Hancock Barracks	32.20	48.63	38.40	39.77	14	71	85	39.77	4	6	8	3	10	1	5	19	1	8	2	Fair.																
Fort Mackinack	36.96	43.26	36.70	38.97	21	44	65	38.97	4	2	2	6	8	1	3	18	3	6	3	Fair.																
Fort Sullivan	37.70	48.70	39.46	41.95	24	40	64	41.95	6	2	7	7	11	1	2	17	7	12	1	Fair.																
Fort Snelling	44.70	61.00	49.60	51.76	27	53	80	51.76	8	7	4	6	11	4	3	18	7	7	1	Fair.																
Fort Howard	42.00	57.26	44.43	47.89	28	46	74	47.89	5	5	10	6	2	3	4	12	11	7	4	Cl'dy.																
Fort Preble	39.76	53.36	46.20	44.77	32	32	58	44.77	5	5	2	1	2	3	4	19	8	11	8	Fair.																
Fort Niagara	40.20	61.36	51.96	51.17	32	62	94	51.17	8	5	2	8	3	6	3	15	9	5	1	Fair.																
Fort Crawford	50.80	68.30	59.50	58.86	26	61	87	58.86	3	3	5	2	1	2	3	21	9	5	1	Fair.																
Fort Constitution	41.43	50.10	43.36	44.96	26	48	74	44.96	1	3	2	6	2	8	1	15	8	1	1	Fair.																
Fort Gratiot	45.13	53.56	45.90	48.19	29	55	84	48.19	3	2	7	1	4	1	6	23	3	2	1	Fair.																
Fort Dearborn	49.73	56.10	46.83	50.88	30	50	80	50.88	5	7	5	4	1	5	2	18	2	2	5	Fair.																
Fort Wolcott	40.70	55.26	43.70	46.55	30	39	39	46.55	4	7	5	5	5	3	13	20	5	5	5	Fair.																
Fort Armstrong	47.00	64.40	55.66	55.68	30	48	78	55.68	4	4	6	5	5	3	4	14	12	4	4	Cl'dy.																
West Point	46.56	63.60	53.26	54.47	35	49	84	54.47	13	1	1	4	4	16	4	22	4	4	4	Fair.																
Fort Trumbull	49.73	57.86	52.90	53.49	39	38	38	53.49	7	2	1	3	4	8	3	19	9	2	2	Fair.																
Fort Columbus	47.40	58.70	47.93	51.34	38	41	79	51.34	5	2	3	3	7	5	1	20	9	1	1	Fair.																
Fort Leavenworth	51.20	70.13	56.03	59.12	31	57	88	59.12	5	5	2	3	3	20	1	18	8	4	4	Fair.																

APRIL—CONTINUED.

No. IV.

PLACES or OBSERVATION.	THERMOMETER.				WINDS.						WEATHER.																	
	Mean Temperature.		A. M.	P. M.	VII.	II.	IX.	Aggregate Mean Temperature.	Highest degree.	Lowest degree.	Range.	N.	N.W.	N.E.	E.	S.E.	S.	S.W.	W.	Prevaling.	Fair.	Cl'dy.	Rain.	Snow.	Days.	Days.	Days.	Prevaling.
	Mean Temperature.																											
	Mean Temperature.																											
Mean Temperature.																												
Fort McHenry	51.73	63.96	54.25	56.64	83	40	43	4	4	7	10	7	1	1	3	3	25	2	2	3	3	25	2	2	3	Fair.		
Fort Severn	53.26	62.33	58.83	59.14	84	40	44	5	7	1	10	12	2	2	4	10	16	4	4	10	4	16	4	4	10	Fair.		
Washington City	49.06	67.66	57.90	58.20	84	39	45	6	6	3	3	3	1	2	3	3	22	4	4	4	22	4	4	4	4	Fair.		
Fort Washington	55.80	69.60	60.60	62.00	86	38	48	3	2	2	2	3	15	6	2	2	18	10	10	2	2	18	10	5	9	Fair.		
Jefferson Barracks	55.00	69.90	59.03	61.31	86	41	45	4	4	9	5	4	11	3	2	3	15	15	10	5	16	16	5	9	9	Fair.		
Fort Monroe	48.96	58.33	53.53	53.67	83	38	45	1	1	4	18	2	7	1	6	2	16	16	5	5	5	16	5	5	5	Fair.		
Fort Gibson	56.70	73.10	62.00	63.93	90	44	46	-	-	-	13	5	2	2	2	2	20	20	9	9	20	20	9	9	9	Fair.		
Fort Johnston	60.23	69.33	62.10	63.88	82	44	32	4	4	2	2	3	1	1	6	2	14	14	14	6	14	14	6	7	7	Fair.		
Fort Towson	58.80	70.40	61.50	63.56	89	44	45	5	5	2	1	3	4	4	11	2	20	20	9	9	20	20	9	9	9	Fair.		
Augusta Arsenal	60.70	67.90	67.03	65.21	82	48	34	2	2	2	1	4	1	3	3	3	11	11	11	3	11	11	9	1	1	Fair.		
Fort Moultrie	61.30	67.80	64.00	64.36	76	51	25	2	2	2	1	6	4	3	2	2	20	20	8	8	20	20	9	1	1	Fair.		
Fort Jesup	60.20	78.76	63.36	67.44	98	46	52	3	4	4	16	3	3	2	6	5	21	21	5	5	21	21	5	10	10	Fair.		
Baton Rouge Bar ^{ks}	63.93	78.03	69.53	70.49	88	54	34	3	4	1	5	9	8	1	1	1	15	15	1	1	15	15	9	3	3	Fair.		
Fort Pike	69.06	79.63	70.30	72.99	91	54	37	-	-	-	7	8	1	1	4	3	18	18	18	4	18	18	17	10	10	Fair.		
Fort Wood, La.	67.86	72.83	72.26	70.88	84	58	26	-	-	-	2	7	2	2	4	2	17	17	17	4	17	17	10	3	3	Fair.		
Fort Marion	68.26	71.13	68.76	69.38	76	61	15	3	3	1	4	7	3	2	2	2	13	13	13	2	13	13	2	15	15	Fair.		
Fort King	66.83	83.80	71.40	74.01	94	60	34	-	-	-	7	3	2	2	9	6	22	22	6	6	22	22	5	3	3	Fair.		

MAY.

No. V.

PLACES	THERMOMETER.				Highest degree.	Lowest degree.	Range.	N.	N.W.	N.E.	E.	S.E.	S.	S.W.	W.	Winds.	WINDS.			Prevailing.	WEATHER.			Prevailing.												
	Mean Temperature.																Aggregate	Days	Days		Days	Days	Days		Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days
	A. M.	P. M.	P. M.	P. M.																																
Fort Brady	51.70	63.83	46.93	54.15	78	42	36	3	7	2	3	9	1	4	2	1	9	1	10	S. E.	3	6	3	3	22	Fair.										
Hancock Barracks	45.93	63.09	52.16	53.72	82	31	51	-	2	7	4	14	2	4	2	4	2	2	4	S. E.	2	11	8	1	20	Fair.										
Fort Mackinack	48.00	53.03	45.90	48.97	71	21	40	1	2	1	6	6	4	2	2	4	4	4	4	W.	9	7	8	16	Fair.											
Fort Sullivan	46.70	57.00	47.12	50.97	72	38	34	3	3	1	2	-	19	6	4	1	6	4	1	S.	4	2	2	19	Fair.											
Fort Snelling	58.16	66.58	58.54	61.09	86	42	44	2	8	3	3	7	7	6	5	1	6	4	4	N. W.	2	7	9	22	Fair.											
Fort Howard	53.70	68.12	54.42	58.74	88	44	44	2	8	4	4	6	4	5	8	5	7	4	4	N. W.	5	8	5	18	Fair.											
Fort Preble	51.71	65.42	51.48	56.20	78	36	42	1	2	4	4	6	4	3	8	5	8	4	1	S. E.	3	13	4	23	Fair.											
Fort Niagara	57.83	67.09	61.45	62.12	88	44	44	6	1	5	4	11	-	10	8	3	1	10	8	S.	5	4	5	23	Cl'dy.											
Fort Crawford	52.96	60.19	52.38	54.92	85	40	45	4	4	8	-	2	9	3	1	1	2	9	3	S.	8	4	4	23	Fair.											
Fort Constitution	56.38	62.38	54.35	57.70	87	44	43	4	1	8	2	4	6	2	4	2	4	2	6	N. E.	16	12	3	16	Fair.											
Fort Gratiot	51.16	65.51	59.48	60.71	87	46	41	4	1	8	8	3	1	2	4	2	4	8	8	E.	23	1	7	23	Cl'dy.											
Fort Wolcott	51.58	64.42	53.71	56.57	75	39	36	3	2	3	9	4	4	4	2	16	4	4	4	S. W.	8	14	9	8	Cl'dy.											
Fort Armstrong	56.96	70.70	62.25	63.30	76	48	20	3	3	8	3	4	4	2	4	4	4	4	4	N. E.	17	7	7	17	Fair.											
West Point	58.70	69.29	61.16	63.07	80	44	36	1	12	1	2	2	15	6	2	2	5	5	2	S.	6	1	1	14	Cl'dy.											
Fort Trumbull	58.80	66.12	60.90	61.94	76	50	26	5	8	7	4	8	2	6	2	8	2	8	2	S. W.	17	10	4	17	Fair.											
Fort Columbus	57.80	67.32	57.09	60.73	81	49	32	5	8	7	4	8	2	6	2	8	2	8	2	N. W.	13	14	4	13	Cl'dy.											
Fort Leavenworth	62.70	76.48	62.16	67.11	89	52	37	5	-	1	-	2	21	-	-	-	-	-	-	S.	2	2	10	19	Fair.											

OBSERVATION.

MAY—CONTINUED.

No. V.

PLACES OF OBSERVATION.	THERMOMETER.									WINDS.						WEATHER.									
	Mean Temperature.			Aggregate	Highest degree.	Lowest degree.	Range.	N. N.W.		N.E.		E.		S.E.		S.		S.W.		W.		Prevaling	Days	Rain.	Snow.
	A. M.	P. M.	P. M.					Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days				
	VII.	II.	IX.	Mean Temperature.	Prevaling	Prevaling	Prevaling	Prevaling	Prevaling	Prevaling	Prevaling	Prevaling	Prevaling	Prevaling	Prevaling	Prevaling	Prevaling	Prevaling	Prevaling	Prevaling	Prevaling	Prevaling	Prevaling	Prevaling	Prevaling
Fort McHenry	65.32	73.64	71.41	70.12	86	54	32	3	5	3	7	3	3	8	2	2	S. W.	16	3	12	-	-	-	-	Fair.
Fort Severn	64.45	70.29	65.48	66.74	80	52	28	2	4	-	15	6	1	1	4	1	S. E.	14	3	14	-	-	-	-	Cl'y.
Washington City	65.83	76.96	68.29	70.02	84	53	31	3	11	2	3	7	3	4	1	1	N. E.	18	3	10	-	-	-	-	Cl'y.
Fort Washington	69.12	78.93	72.19	73.41	92	55	37	2	3	1	5	5	15	3	5	-	S.	9	9	18	12	1	-	-	Fair.
Jefferson Barracks	66.00	78.38	67.67	70.68	87	53	34	2	3	1	4	4	13	4	6	-	S.	18	18	12	1	9	-	-	Cl'y.
Fort Monroe	64.80	70.35	63.96	66.37	82	50	32	2	1	6	4	4	8	6	3	-	S. E.	14	14	5	12	5	-	-	Cl'y.
Fort Gibson	64.42	79.64	68.94	70.93	94	54	40	1	3	1	9	11	7	16	3	-	S.	22	3	20	8	8	-	-	Fair.
Fort Johnston	73.77	82.03	72.58	76.12	90	62	28	1	7	1	1	15	6	7	-	-	S. E.	14	14	10	5	12	-	-	Cl'y.
Fort Towson	67.38	79.32	70.03	72.24	88	58	30	2	6	1	2	15	6	7	1	6	S. E.	22	3	20	8	8	-	-	Cl'y.
Augusta Arsenal	73.45	80.67	77.09	77.07	90	68	22	2	6	2	9	11	6	7	1	4	S. E.	14	14	10	5	12	-	-	Fair.
Fort Moultrie	72.51	76.87	73.06	74.14	87	64	23	6	3	9	11	6	8	2	6	2	S. E.	21	21	15	5	10	-	-	Fair.
Fort Jesup	69.19	86.09	69.93	75.07	97	62	35	6	3	2	6	6	6	6	6	4	S.	20	20	11	9	9	-	-	Fair.
Baton Rouge Bar'ks	72.25	84.61	76.77	77.87	90	66	24	3	2	5	5	3	3	4	8	-	W.	19	19	3	2	4	-	-	Fair.
Fort Pike	76.03	83.03	77.32	78.79	92	68	24	6	6	10	3	7	1	3	3	-	N. E.	25	25	2	2	3	-	-	Fair.
Fort Wood, La.	74.70	81.38	78.06	78.02	90	70	20	3	4	16	11	3	8	8	-	-	N. E.	26	26	2	2	3	-	-	Fair.
Fort Marion	76.00	77.51	75.67	76.39	85	68	17	4	4	4	5	5	3	3	8	-	S. E.	19	19	1	1	2	-	-	Fair.
Fort King	73.19	87.54	77.87	79.56	98	60	38	3	3	4	5	3	8	8	-	-	S. W.	28	28	1	1	2	-	-	Fair.

JUNE.

No. VI.

PLACES or OBSERVATION.	THERMOMETER.					WINDS.							WEATHER.										
	Mean Temperature.					Range.	Highest degree.	Lowest degree.	N.	N.W.	N.E.	E.	S.E.	S.	S.W.	W.	Prevaling.	Fair.	Cl'dy.	Rain.	Snow.	Days.	Prevaling.
	Aggregate																						
	Mean Temperature.					Days					Days					Days							
A. M.	P. M.	P. M.	I. X.	VII.	Days	N.W.	N.E.	E.	S.E.	S.	S.W.	W.	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days
Fort Brady	56.36	65.06	51.26	57.56	43	12	3	2	3	2	4	4	2	2	4	4	4	17	13	-	-	-	Fair.
Hancock Barracks	48.03	63.86	54.03	55.30	35	-	5	8	14	1	1	1	1	1	3	12	15	14	15	2	7	1	Cl'dy.
Fort Mackinack	52.10	58.96	49.76	53.60	69	6	6	2	2	16	8	9	16	18	12	14	20	20	2	7	1	1	Fair.
Fort Sullivan	51.00	61.20	51.86	54.68	78	1	9	2	2	8	4	4	9	9	9	3	12	12	12	9	7	-	Cl'dy.
Fort Snelling	63.26	77.16	63.50	67.97	90	1	2	2	2	5	9	9	8	9	9	2	14	14	9	7	-	-	Cl'dy.
Fort Howard	58.76	72.26	61.10	64.04	90	2	2	2	3	4	3	3	4	3	3	12	19	18	8	4	-	-	Fair.
Fort Preble	55.86	69.20	55.70	60.25	82	2	7	1	1	8	1	10	10	10	4	9	18	18	4	12	-	-	Fair.
Fort Niagara	61.30	72.63	65.10	66.34	86	4	1	1	4	2	2	10	10	4	4	10	16	16	4	10	-	-	Fair.
Fort Crawford	62.96	78.56	69.96	70.49	90	4	1	1	4	2	9	8	9	8	8	18	18	18	7	5	-	-	Fair.
Fort Constitution	57.26	64.46	56.53	59.41	80	5	7	4	6	6	6	6	6	4	4	4	18	18	12	12	-	-	Fair.
Fort Gratiot	61.83	66.76	57.66	62.08	89	4	5	1	3	4	3	3	4	4	3	5	15	15	13	13	-	-	Fair.
Fort Dearborn	61.46	68.23	63.06	64.25	92	4	5	3	3	4	3	3	4	3	3	5	15	15	13	13	-	-	Fair.
Fort Wolcott	55.93	69.36	58.30	61.13	78	4	5	3	3	4	3	3	4	3	3	5	15	15	13	13	-	-	Fair.
Fort Armstrong	60.06	72.00	65.60	65.88	84	-	2	7	7	6	1	1	1	1	1	4	15	15	12	12	4	4	Fair.
West Point	62.66	73.30	64.80	66.92	88	-	14	1	1	1	8	8	15	1	1	1	18	18	12	12	-	-	Fair.
Fort Trumbull	62.33	69.56	63.73	65.20	79	4	6	1	1	1	1	1	1	1	1	8	18	18	12	12	-	-	Fair.
Fort Columbus	63.43	73.40	61.56	66.13	88	1	6	1	1	1	5	5	7	5	4	4	19	19	13	13	-	-	Fair.
Fort Leavenworth	66.23	79.60	69.53	71.78	90	3	1	1	2	2	2	2	2	2	2	1	23	23	14	14	-	-	Cl'dy.

PLACES OF OBSERVATION.	THERMOMETER.						WINDS.						WEATHER.										
	Mean Temperature.			Aggregate Mean Temperature.	Highest degree.	Lowest degree.	Range.	N.	N.W.	E.	S.E.	S.	S.W.	W.	Days	Days	Days	Days	Fair.	Cloudy.	Rain.	Snow.	
	A. M.	P. M.	P. M.																				Days
	VII.	VIII.	IX.	Aggregate	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days
Fort McHenry	67.36	76.93	73.86	72.71	82	24	10	5	1	4	1	3	7	3	23	7							Fair.
Fort Severn	69.60	75.13	68.96	71.23	96	28	6	1	2	5	8	1	7	4	20	1							Fair.
Washington City	65.63	79.33	69.06	71.34	90	33	1	1	1	6	1	7	4	7	15	8							Fair.
Fort Washington	72.70	81.06	79.96	76.24	90	58	4	1	3	1	12	1	8	2	18	2							Fair.
Jefferson Barracks	69.60	79.30	71.26	73.38	91	55	2	1	3	6	8	5	7	7	14	14							Cl'dy.
Fort Monroe	66.03	73.83	68.83	69.56	86	60	1	2	7	3	3	9	4	4	20	6							Fair.
Fort Gibson	71.03	84.40	73.65	76.36	94	60	2	2	12	8	3	3	9	1	9	12							Cl'dy.
Fort Johnston	70.83	84.26	78.93	80.83	94	70	2	11	2	2	12	3	2	2	28	1							Fair.
Fort Towson	70.83	80.43	67.26	72.84	87	62	2	2	1	2	16	4	3	8	23	1							Fair.
Augusta Arsenal	80.73	89.03	83.43	84.39	93	72	4	7	1	6	2	1	8	2	20	5							Fair.
Fort Moultrie	77.16	83.30	78.96	77.80	88	69	1	1	17	3	2	2	2	17	12	1							Fair.
Fort Jesup	75.23	88.60	79.63	81.15	94	65	5	3	3	3	17	3	8	11	22	8							Fair.
Bacon Rouge Bar'ks	78.10	88.46	81.33	82.63	94	70	3	1	5	10	9	2	9	2	16	5							Fair.
Fort Pike	80.80	86.10	81.40	82.76	96	72	2	1	13	13	2	6	3	3	26	3							Fair.
Fort Wood, La.	79.76	85.16	81.63	82.51	98	72	1	1	1	1	11	1	1	1	20	9							Fair.
Fort Marion	77.96	85.66	78.46	80.69	95	68	1	1	6	20	1	1	1	1	21	1							Fair.
Fort King	80.20	95.26	80.33	85.26	106	74	3	1	1	1	3	6	4	6	28	2							Fair.

JULY.

No. VII.

PLACES	THERMOMETER.												Range.	Lowest degree.	Highest degree.	Mean Aggregate Temperature.	WINDS.												Prevaling.	Days.	WEATHER.		
	Mean Temperature.						Aggregate Temperature.										N.	N.W.	E.	S.E.	S.	S.W.	W.	Days.	Fair.	Cl'dy.	Rain.	Snow.					
	A.M.	P.M.	A.M.	P.M.	A.M.	P.M.	A.M.	P.M.	A.M.	P.M.	A.M.	P.M.																			Days.	Days.	Days.
Fort Brady	61.70	70.22	56.87	62.93	55.11	63.69	61.70	70.22	56.87	62.93	55.11	63.69	8	10	1	8	1	1	1	1	1	1	3	N.W.	3	22	5	4	1	1	Fair.		
Hancock Barracks	57.48	74.25	65.25	65.66	55.49	68.55	57.48	74.25	65.25	65.66	55.49	68.55	2	10	9	12	3	1	3	2	2	2	2	-	S.E.	21	2	10	5	1	1	Fair.	
Fort Mackinack	59.06	68.70	58.41	62.05	50.28	78.58	59.06	68.70	58.41	62.05	50.28	78.58	2	2	1	1	1	1	1	1	1	1	1	5	S.	18	3	10	0	0	0	Fair.	
Fort Sullivan	57.77	69.48	59.03	62.09	50.41	91.58	57.77	69.48	59.03	62.09	50.41	91.58	3	3	1	2	2	2	2	2	2	2	2	9	S.W.	21	3	7	0	0	0	Fair.	
Fort Snelling	71.35	82.96	71.22	75.17	51.48	99.58	71.35	82.96	71.22	75.17	51.48	99.58	3	2	2	2	1	3	1	3	1	3	1	14	S.	23	3	8	4	1	1	Fair.	
Fort Howard	67.70	82.54	67.41	72.55	51.58	99.58	67.70	82.54	67.41	72.55	51.58	99.58	3	2	2	2	1	3	1	3	1	3	1	14	W.	18	9	4	1	1	1	Fair.	
Fort Preble	63.45	80.00	64.00	69.15	56.37	93.60	63.45	80.00	64.00	69.15	56.37	93.60	3	2	4	2	1	2	1	2	1	2	1	15	W.	14	9	17	1	1	1	Cl'dy.	
Fort Niagara	68.77	77.48	71.93	72.72	60.32	92.60	68.77	77.48	71.93	72.72	60.32	92.60	4	4	4	1	2	1	1	1	1	1	3	S.	20	9	2	2	0	0	0	Fair.	
Fort Crawford	73.19	84.93	78.06	78.72	58.40	98.60	73.19	84.93	78.06	78.72	58.40	98.60	6	4	1	1	1	1	1	1	1	1	9	S.	21	8	1	2	2	0	0	Fair.	
Fort Constitution	64.25	72.06	64.00	66.77	57.34	91.57	64.25	72.06	64.00	66.77	57.34	91.57	1	8	1	1	1	1	1	1	1	1	3	S.	18	1	12	6	7	0	0	Fair.	
Fort Gratiot	69.42	75.09	66.71	70.40	54.40	96.54	69.42	75.09	66.71	70.40	54.40	96.54	4	2	3	2	2	2	2	2	2	2	5	S.W.	23	2	6	7	0	0	0	Fair.	
Fort Dearborn	68.70	79.41	70.87	79.99	56.26	94.56	68.70	79.41	70.87	79.99	56.26	94.56	5	5	3	2	4	4	4	4	4	4	1	S.W.	18	1	2	6	7	0	0	Fair.	
Fort Wolcott	62.54	75.42	65.32	67.76	60.31	82.60	62.54	75.42	65.32	67.76	60.31	82.60	1	2	3	2	5	5	5	5	5	5	8	W.	20	1	1	10	0	0	0	Fair.	
Fort Armstrong	69.22	81.12	73.54	74.62	56.34	90.56	69.22	81.12	73.54	74.62	56.34	90.56	3	3	3	3	3	3	3	3	3	3	1	S.	18	1	1	1	1	1	1	Fair.	
West Point	66.77	81.16	69.58	72.50	62.22	91.62	66.77	81.16	69.58	72.50	62.22	91.62	1	3	1	1	1	1	1	1	1	1	5	W.	20	1	1	10	0	0	0	Fair.	
Fort Trumbull	69.70	76.16	71.29	72.38	62.22	84.62	69.70	76.16	71.29	72.38	62.22	84.62	6	6	3	3	3	3	3	3	3	3	1	S.	20	1	1	1	1	1	1	Fair.	
Fort Columbus	76.45	80.61	67.12	74.72	60.34	94.60	76.45	80.61	67.12	74.72	60.34	94.60	1	2	1	1	1	1	1	1	1	1	6	S.W.	25	4	4	2	1	1	1	Fair.	
Fort Leavenworth	73.83	87.74	75.67	79.08	60.38	98.60	73.83	87.74	75.67	79.08	60.38	98.60	1	1	1	1	1	1	1	1	1	1	28	S	23	6	7	1	1	1	1	Fair.	

AUGUST.

No. VIII.

PLACES OF OBSERVATION.	THERMOMETER.					Range.	WINDS.							WEATHER.										
	Mean Temperature.						Highest degree.	Lowest degree.	N.	N.W.	N.E.	E.	S.E.	S.	S.W.	W.	Prevaling.	Fair.	Cl'dy.	Rain.	Snow.	Days.	Prevaling.	
	A. M.		P. M.		IX.																			Days.
	VII.	II.	Mean Aggregate.		Days.		Days.	Days.	Days.	Days.	Days.	Days.	Days.	Days.	Days.	Days.	Days.	Days.	Days.	Days.	Days.			
Fort Brady	62.64	73.58	57.87	64.36		82																45	37	7
Hancock Barracks	52.67	70.00	61.06	61.24	85	39	46	1	9	3	10	2	7	2	2	2	2	19	1	11	-	-	-	Fair.
Fort Mackinack	62.19	69.54	60.70	64.14	78	48	30	1	1	3	4	4	1	3	3	6	6	22	2	7	-	-	-	Fair.
Fort Sullivan	56.70	67.88	57.22	60.50	82	50	32	5	1	1	5	7	18	2	2	12	6	16	4	11	-	-	-	Fair.
Fort Snelling	66.67	78.28	67.35	70.75	85	53	32	1	3	1	1	5	22	1	1	6	6	18	7	7	-	-	-	Fair.
Fort Howard	65.16	80.32	65.74	70.40	94	48	44	3	1	3	1	6	4	4	4	10	6	14	11	10	-	-	-	Cl'dy.
Fort Preble	59.74	75.19	60.54	65.15	86	50	36	3	-	-	2	4	2	2	2	5	3	20	2	1	-	-	-	Fair.
Fort Niagara	67.09	78.54	71.42	73.35	88	56	32	8	6	2	1	4	6	4	4	5	3	23	7	7	-	-	-	Fair.
Fort Crawford	72.80	81.70	73.23	76.57	94	50	44	2	-	-	4	3	4	4	4	5	3	22	8	1	-	-	-	Fair.
Fort Constitution	60.38	68.58	61.35	63.43	79	52	27	7	4	3	4	2	10	4	4	5	3	20	1	10	-	-	-	Fair.
Fort Gratiot	66.16	73.71	66.83	68.90	94	52	42	2	3	5	3	4	3	4	6	1	1	23	6	2	-	-	-	Fair.
Fort Dearborn	65.22	77.64	69.64	70.83	94	52	42	4	4	3	3	7	7	7	11	4	4	23	6	7	-	-	-	Fair.
Fort Wolcott	61.51	74.25	63.32	66.36	80	50	30	5	5	5	4	2	4	4	4	4	5	20	1	2	-	-	-	Fair.
Fort Armstrong	66.70	79.67	73.35	73.24	76	56	20	7	4	3	4	4	7	7	4	4	4	19	11	1	-	-	-	Fair.
West Point	67.35	78.29	68.61	71.40	85	57	28	5	13	4	1	16	4	1	1	9	1	21	2	7	-	-	-	Fair.
Fort Trumbull	66.54	74.77	68.06	69.79	80	51	29	2	4	2	4	2	4	4	8	4	4	20	10	1	-	-	-	Fair.
Fort Columbus	68.12	77.38	66.22	70.57	87	54	33	3	4	1	1	9	3	3	4	4	1	20	10	1	-	-	-	Fair.
Fort Leavenworth	71.93	86.12	73.45	77.16	98	62	36	-	1	-	-	4	24	-	-	1	1	27	4	4	-	-	-	Fair.

AUGUST—CONTINUED.

No. VIII.

PLACES or OBSERVATION.	THERMOMETER.				WINDS.				WEATHER.													
	Mean Temperature.				Range.	Highest degree.	Lowest degree.	Range.	Prevaling.													
	Aggregate								Prevaling.													
	A. M.	P. M.	P. M.	IX.	N.	N. W.	N. E.	S. E.	S.	S. W.	W.	Fair.	Cl'dy	Rain.	Snow.	Prevaling.						
VII.	II.			Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days						
Fort McHenry	67.61	80.45	74.32	74.12	38	88	50	38	1	9	6	2	7	-	3	3	27	3	1	-	-	Fair.
Fort Severn	72.64	80.09	72.87	75.20	26	90	64	26	1	5	4	-	10	-	-	2	23	2	6	-	-	Fair.
Washington City	69.58	82.00	71.93	74.50	35	88	56	32	3	10	6	-	1	5	4	2	18	10	3	-	-	Fair.
Fort Washington	72.67	85.29	77.32	78.42	35	93	58	35	3	5	6	-	1	10	4	2	23	7	1	-	-	Fair.
Jefferson Barracks	74.16	87.35	76.34	79.28	15	85	70	15	6	1	2	14	4	2	3	4	30	1	2	-	-	Fair.
Fort Monroe	74.22	77.87	76.00	76.03	15	85	70	15	1	10	1	1	6	3	4	2	21	6	6	-	-	Fair.
Fort Gibson	72.80	92.48	76.83	80.70	24	102	65	37	-	3	8	13	4	1	1	2	19	6	8	-	-	Fair.
Fort Johnston	74.23	81.58	76.06	77.29	24	88	64	24	-	1	23	1	1	4	1	-	17	6	8	-	-	Fair.
Fort Towson	74.45	86.45	80.77	80.55	22	91	69	22	-	5	3	1	1	1	17	8	22	2	3	-	-	Fair.
Augusta Arsenal	75.77	84.54	80.93	80.41	26	90	64	26	-	7	7	4	3	-	4	4	17	2	4	-	-	Fair.
Fort Moultrie	76.87	82.16	79.16	79.39	31	88	68	20	2	2	6	3	11	-	4	4	17	14	3	-	-	Fair.
Fort Jesup	77.74	91.54	82.19	83.82	31	98	67	31	4	4	15	4	1	4	14	4	28	3	13	-	-	Fair.
Baton Rouge Bar'ks	78.16	88.25	80.54	82.31	20	93	73	20	1	2	1	4	1	4	10	4	17	2	3	-	-	Fair.
Fort Pike	80.03	83.87	79.45	81.11	15	87	76	15	-	6	10	3	3	-	6	2	26	2	3	-	-	Fair.
Fort Wood, La.	79.87	85.77	83.90	83.18	18	91	76	15	-	4	1	3	4	-	2	2	21	10	10	-	-	Fair.
Fort Marion	80.03	81.22	80.74	80.69	23	96	73	23	4	1	13	8	10	-	2	2	18	13	13	-	-	Fair.
Fort King	77.22	96.60	80.45	84.75	34	106	72	34	1	1	9	1	1	2	3	3	31	-	-	-	-	Fair.

No. X.

OCTOBER.

PLACES or OBSERVATION.	THERMOMETER.					WINDS.							WEATHER.									
	Mean Temperature.					Highest degree.	Lowest degree.	Range.	N. W.		N. E.		S. E.		S. W.		Prevaling	Days	Days	Days	Prevaling	
	A. M.		P. M.		P. M.				Days	Days	Days	Days	Days	Days	Days	Days						Days
	VII.	II.	IX.	Aggregate	Mean Temperature.	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	
Fort Brady	36.61	45.06	31.87	39.84	60	15	45	5	8	3	4	2	1	3	2	6	2	6	15	8	N. E.	Cl'dy.
Hancock Barracks	38.74	53.54	44.67	45.65	64	26	38	7	10	1	10	1	1	5	2	20	20	2	9	1	N. E.	Fair.
Fort Mackinack	39.83	44.74	40.64	41.73	58	19	39	1	4	4	2	1	1	5	4	20	4	20	6	6	N. W.	Cl'dy.
Fort Sullivan	44.00	54.83	46.70	48.51	70	28	42	1	4	6	2	11	2	6	9	6	6	6	9	4	S.	Fair.
Fort Snelling	35.96	47.64	40.70	41.43	62	19	43	4	11	3	2	1	4	9	3	20	4	20	4	4	N. W.	Fair.
Fort Howard	37.70	48.38	42.16	42.74	66	22	44	7	2	2	3	2	4	9	3	10	19	10	9	4	W.	Cl'dy.
Fort Preble	43.51	54.93	46.41	48.28	70	30	40	3	3	3	1	3	2	12	3	18	9	18	9	4	W.	Fair.
Fort Niagara	47.87	59.12	53.80	54.26	72	31	41	6	6	5	1	2	5	12	7	7	5	17	5	17	S. W.	Cl'dy.
Fort Crawford	37.93	49.45	44.00	43.79	65	17	48	2	8	2	2	2	2	15	3	15	15	3	11	2	S. W.	Cl'dy.
Fort Constitution	44.80	53.64	47.77	48.73	68	29	39	8	4	3	2	2	7	3	20	9	20	9	2	2	N. W.	Fair.
Fort Gratiot	42.29	52.74	46.09	47.04	72	21	51	2	6	2	3	3	13	4	14	2	14	2	13	3	S. W.	Cl'dy.
Fort Dearborn	40.61	51.70	45.43	45.91	68	19	49	4	2	1	3	3	4	3	4	5	13	5	13	2	S. W.	Cl'dy.
Fort Wolcott	48.83	58.93	50.96	52.90	72	32	40	1	7	1	2	2	10	3	10	13	13	12	7	1	S. W.	Cl'dy.
Fort Armstrong	37.22	48.70	44.38	43.43	60	22	38	3	5	1	1	5	5	10	5	12	12	9	9	9	W.	Cl'dy.
West Point	49.22	58.25	52.90	53.43	74	29	45	3	4	2	1	1	12	1	2	14	6	14	6	7	N. W.	Cl'dy.
Fort Tumbull	51.67	58.70	54.09	54.82	70	29	41	7	8	3	1	1	2	8	2	18	18	6	7	7	N. W.	Cl'dy.
Fort Columbus	48.29	58.41	49.87	52.19	73	29	44	9	3	1	4	4	4	7	2	8	8	19	4	4	N. W.	Cl'dy.
Fort Leavenworth	45.32	63.38	50.38	53.02	78	26	52	5	3	1	1	16	2	2	2	13	13	14	3	3	S.	Cl'dy.

OCTOBER—CONTINUED.

No. X.

PLACES OF OBSERVATION.	THERMOMETER.				WINDS.						WEATHER.									
	Mean Temperature.				Range	N.	N.W.	E.	S.E.	S.	S.W.	W.	Prevaling.	Fair.	C'dy.	Rain.	Snow.	Days.	Days.	Days.
	A.M.	P.M.	P.M.	P.M.																
	Aggregate				Highest degree.	Lowest degree.	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days
Fort McHenry	50.16	59.61	54.32	54.69	74	29	45	8	2	2	5	3	N.W.	21	4	6	—	—	—	Fair.
Fort Severn	54.77	62.58	53.93	57.09	74	32	42	1	1	2	3	3	N.W.	20	4	7	—	—	—	Fair.
Washington City	49.61	59.51	52.51	53.87	74	28	46	3	1	3	3	3	N.W.	18	8	5	—	—	—	Fair.
Fort Washington	50.90	62.42	56.09	56.47	79	32	47	3	2	8	4	4	S.	20	2	9	—	—	—	Fair.
Jefferson Barracks	49.19	57.83	49.38	52.13	84	31	53	2	2	2	4	16	W.	19	7	5	—	—	—	Fair.
Fort Monroe	62.06	65.74	63.09	63.63	76	35	41	9	2	2	9	1	S.W.	19	6	6	—	—	—	Fair.
Fort Gibson	46.80	72.29	53.42	57.50	88	26	62	6	5	13	7	—	E.	26	2	2	—	—	—	Fair.
Fort Johnston	58.35	70.74	63.61	64.23	83	31	52	1	8	12	1	6	N.E.	25	2	4	—	—	—	Fair.
Fort Towson	49.74	66.25	57.45	57.81	80	24	56	3	3	1	14	—	N.E.	23	5	2	—	—	—	Fair.
Augusta Arsenal	53.32	66.35	62.16	60.61	83	32	51	4	13	2	3	3	S.W.	23	5	3	—	—	—	Fair.
Fort Moultrie	61.45	70.87	66.16	66.16	86	41	45	2	3	1	5	—	S.W.	22	8	7	—	—	—	Fair.
Fort Jesup	53.00	70.48	62.09	61.85	91	32	59	3	11	5	2	3	N.E.	22	8	1	—	—	—	Fair.
Baton Rouge Bar'ks	56.58	71.48	62.67	63.56	87	37	50	10	5	2	4	2	N.	24	7	2	—	—	—	Fair.
Fort Pike	61.09	73.64	68.87	67.87	85	37	50	3	8	8	—	—	E.	26	6	3	—	—	—	Fair.
Fort Wood, La.	61.74	69.03	67.83	66.20	84	44	40	3	10	2	1	4	E.	28	2	1	—	—	—	Fair.
Fort Marion	70.74	74.80	71.54	72.36	83	53	30	6	12	3	2	4	N.E.	25	6	—	—	—	—	Fair.
Fort King	67.61	77.35	72.71	72.55	82	40	42	15	3	2	2	2	N.	29	1	—	—	—	—	Fair.

NOVEMBER.

No. XI.

PLACES or OBSERVATION.	THERMOMETER.					Highest degree.	Lowest degree.	Range.	WINDS.								WEATHER.														
	Mean Temperature.								Aggregate	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days									
	A. M.	P. M.	F. M.	I. X.																			N.	N.W.	N.E.	E.	S.E.	S.	S.W.	W.	Prevalling.
	VII.	II.																					Days	Days	Days	Days	Days	Days	Days	Days	Days
Fort Brady	28.83	37.40	32.93	33.05	46	20	26	7	4	4	8	2	1	1	1	1	1	1	1	1	8	10	5	7	Cl'dy.						
Hancock Barracks	25.40	38.16	30.23	31.26	55	-4	59	6	13	8	8	1	1	1	1	1	1	1	1	1	23	-	3	4	Fair.						
Fort Machinack	33.36	37.96	34.86	35.36	54	21	33	11	1	2	2	2	2	2	2	2	2	2	2	2	12	14	2	2	Cl'dy.						
Fort Sullivan	31.43	42.46	35.50	36.46	56	12	44	4	2	1	1	1	1	1	1	1	1	1	1	1	20	7	2	1	Fair.						
Fort Shelling	31.80	43.03	36.90	37.11	58	14	44	15	1	1	1	3	4	6	3	4	4	4	4	4	17	8	4	1	Fair.						
Fort Howard	31.83	43.43	36.56	37.27	52	15	37	8	-	2	1	1	1	1	1	1	1	1	1	1	15	9	4	2	Fair.						
Fort Preble	31.76	43.10	34.66	36.50	67	20	47	2	4	2	1	1	1	1	1	1	1	1	1	1	17	11	6	8	Fair.						
Fort Niagara	37.60	46.60	40.60	41.60	66	29	37	4	4	1	1	4	5	8	3	5	8	8	8	8	29	16	10	3	Cl'dy.						
Fort Crawford	34.23	45.24	38.96	39.47	62	14	48	8	2	1	1	1	1	1	1	1	1	1	1	1	19	49	4	2	Fair.						
Fort Constitution	33.56	42.36	36.56	37.49	68	19	49	4	2	1	1	1	1	1	1	1	1	1	1	1	23	39	6	3	Fair.						
Fort Gratiot	34.60	45.00	40.36	39.98	62	23	39	1	4	2	1	3	5	11	3	5	11	11	11	11	39	17	4	6	Fair.						
Fort Dearborn	35.43	44.20	38.36	39.99	63	15	47	2	8	1	3	6	7	2	2	2	2	2	2	2	15	15	5	1	Cl'dy.						
Fort Wolcott	36.53	45.16	39.40	40.36	59	21	38	-	14	2	2	4	8	6	4	8	6	4	4	4	20	44	7	2	Fair.						
Fort Armstrong	35.66	44.80	39.46	39.97	64	20	44	1	5	2	-	4	5	2	1	8	6	1	1	1	24	40	6	4	Fair.						
West Point	36.26	46.50	40.06	40.94	64	24	40	2	20	-	3	6	6	1	8	6	1	1	1	1	25	37	4	6	Fair.						
Fort Trumbull	37.43	47.73	46.13	43.76	62	25	37	7	11	3	2	2	3	3	3	3	3	3	3	3	27	36	16	2	Fair.						
Fort Columbus	37.23	47.20	40.03	41.48	63	27	36	3	6	1	-	1	1	1	1	1	1	1	1	1	27	36	12	6	Fair.						
Fort Leavenworth	38.66	54.31	44.90	45.95	76	20	56	2	6	-	-	11	6	5	5	5	5	5	5	5	20	18	6	-	Fair.						

DECEMBER.

PLACES or OBSERVATION.	THERMOMETER.						WINDS.	WEATHER.											
	Mean Temperature.																		
	Aggregate																		
	Mean Temperature.																		
	Range.																		
Fort Brady	28.16	34.87	38.87	33.96	43	9	32	3	6	4	13	3	1	1	4	11	4	15	Cl'dy.
Hancock Barracks	18.42	32.19	23.25	24.62	48	3	45	1	10	24	8	8	1	3	24	-	24	15	Fair.
Fort Mackinack	30.88	34.32	31.96	32.36	44	9	25	3	6	6	7	3	3	23	6	9	6	4	Cl'dy.
Fort Sullivan	25.38	34.93	29.41	29.90	46	3	38	9	2	9	6	3	8	9	14	9	14	9	Cl'dy.
Fort Spelling	27.54	35.77	30.80	31.37	45	-11	56	6	14	30	1	2	-	-	9	13	9	9	Cl'dy.
Fort Howard	30.61	37.57	32.25	33.47	49	-2	51	7	4	4	3	2	1	2	4	4	4	13	Cl'dy.
Fort Preble	25.93	33.64	27.32	28.96	44	6	38	7	4	7	2	1	8	2	18	9	18	6	Cl'dy.
Fort Niagara	33.32	39.06	34.61	35.66	46	24	22	2	5	11	1	3	1	6	8	7	8	10	Fair.
Fort Crawford	29.71	36.67	31.67	32.68	52	0	52	1	8	5	1	5	1	5	9	7	9	6	Cl'dy.
Fort Constitution	28.70	34.45	30.25	31.13	44	15	29	4	12	6	9	2	-	-	13	16	13	16	Cl'dy.
Fort Gratiot	42.29	52.74	46.09	47.04	72	21	51	4	6	2	3	8	3	4	12	9	12	9	Cl'dy.
Fort Dearborn	30.93	38.06	33.88	34.29	49	10	39	4	3	2	3	8	5	3	9	15	9	2	Cl'dy.
Fort Wolcott	31.35	38.51	33.32	34.39	47	16	31	1	14	9	3	3	2	2	8	14	8	7	Cl'dy.
Fort Armstrong	29.61	36.64	32.45	32.90	46	6	40	2	3	1	9	1	6	2	11	6	11	6	Cl'dy.
West Point	29.22	36.25	35.93	33.80	45	16	29	5	12	1	4	1	8	4	14	10	14	5	Cl'dy.
Fort Trumbull	30.83	38.12	33.06	33.98	52	16	36	1	8	12	4	1	-	-	14	10	14	4	Cl'dy.
Fort Columbus	31.93	38.16	33.67	34.58	47	21	26	5	7	13	1	-	3	2	11	16	11	2	Cl'dy.
Fort Leavenworth	30.32	45.81	36.42	37.51	59	6	53	3	10	-	9	3	2	2	14	12	14	1	Cl'dy.

DECEMBER—CONTINUED.

No. XII.

PLACES or OBSERVATION.	THERMOMETER.					WINDS.										WEATHER.						
	Mean Temperature.					Range.	Highest degree.	Lowest degree.	N.	N.W.	N.E.	E.	S.E.	S.	S.W.	W.	Prevaling.	Fair.	Cl'dy.	Rain.	Snow.	Prevaling.
	Aggregate		Mean Temperature.																			
	A. M.	P. M.	P. M.	IX.	VII.	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days
Fort McHenry	35.54	42.25	37.70	38.49	48	23	25	1	14	7	1	1	1	1	4	4	N.W.	12	10	6	3	Cl'dy.
Fort Severn	35.45	41.83	36.96	38.08	50	24	24	3	13	3	1	1	1	2	2	5	N.W.	9	8	10	4	Cl'dy.
Washington City	34.96	40.96	36.67	37.53	48	30	30	8	9	4	1	1	1	4	4	4	N.W.	9	12	7	3	Cl'dy.
Fort Washington	34.67	41.42	38.64	38.24	50	28	28	2	11	2	1	3	2	7	7	7	N.W.	12	7	8	4	Cl'dy.
Jefferson Barracks	34.65	44.35	36.22	38.30	58	19	39	4	2	1	10	3	2	2	2	7	E.	12	9	2	1	Fair.
Fort Monroe	40.58	46.22	43.06	43.28	54	32	32	2	2	5	6	2	1	1	9	5	S.W.	20	15	4	1	Cl'dy.
Fort Gibson	36.35	52.54	42.58	43.82	75	21	54	-	6	-	9	8	1	-	8	8	E.	19	9	3	1	Fair.
Fort Johnston	42.09	53.35	47.35	47.59	62	30	32	1	2	1	2	1	2	3	2	2	N.E.	24	2	5	3	Fair.
Fort Towson	36.48	52.32	42.70	43.83	65	24	41	3	1	2	1	6	7	10	10	2	S.W.	23	5	3	3	Fair.
Augusta Arsenal	39.54	49.96	44.67	44.72	60	28	32	4	8	5	2	4	3	2	5	5	N.W.	11	8	12	-	Fair.
Fort Moultrie	45.92	55.59	49.51	50.32	70	36	34	1	9	12	2	1	1	1	5	2	N.E.	19	15	5	-	Fair.
Fort Jessup	45.12	60.38	53.80	53.10	73	28	45	14	2	12	3	1	1	2	2	9	E.	12	5	14	-	Fair.
Baton Rouge Bar'ks	49.38	59.64	54.35	54.59	72	36	36	2	1	6	6	1	2	2	3	1	E.	14	7	10	-	Cl'dy.
Fort Pike	53.00	59.86	56.32	56.37	72	36	36	2	2	11	9	2	2	1	3	1	N.W.	12	14	5	-	Cl'dy.
Fort Wood, La.	50.87	56.45	53.38	54.23	72	35	37	2	12	11	1	1	2	1	3	1	N.E.	16	14	15	-	Fair.
Fort Marion	55.51	61.48	56.90	57.96	78	38	40	8	4	10	1	2	1	4	8	2	S.E.	25	9	4	-	Fair.
Fort King	53.09	60.90	56.50	56.83	74	36	38	-	5	-	1	14	1	-	-	-	S.E.	25	2	4	-	Fair.

MEAN OF OBSER

PLACES OF OBSERVATION.	THERMOMETER.								
	Mean Temperature.								
	Year.	Winter.	Spring.	Summ'r	Autumn	A. M.	P. M.	P. M.	Highest de- grec.
						VII.	II.	IX.	
Fort Brady	41.11	21.01	39.36	61.61	42.48	37.57	48.16	38.30	87
Hancock Barracks	40.70	16.81	39.13	60.73	46.15	32.83	48.18	38.87	85
Fort Mackinack	41.22	23.39	37.03	59.93	44.54	38.88	45.60	38.98	78
Fort Sullivan	43.01	24.45	46.04	55.81	45.75	38.29	49.66	40.77	92
Fort Snelling	47.97	24.56	48.98	71.29	47.05	42.65	55.16	46.00	93
Fort Howard	46.62	25.09	45.64	68.99	46.77	41.35	54.32	44.39	99
Fort Preble	45.53	25.88	43.49	64.85	47.92	40.66	53.15	42.64	93
Fort Niagara	52.85	30.54	51.11	70.36	54.28	46.88	58.47	51.88	94
Fort Crawford	51.78	27.95	52.88	72.56	51.06	46.34	58.14	51.05	98
Fort Constitution	45.71	27.75	43.58	63.20	48.34	43.30	52.72	46.38	91
Fort Gratiot	48.17	29.79	45.85	67.34	49.72	45.57	54.34	47.43	96
Fort Dearborn	49.67	50.67	48.39	69.35	50.27	45.73	54.85	48.18	94
Fort Wolcott	48.55	31.90	45.67	65.08	51.55	44.02	53.36	46.38	82
Fort Armstrong	50.67	29.66	52.22	71.24	49.56	45.13	56.99	50.64	90
West Point	51.65	31.63	50.95	70.30	53.74	46.61	58.07	50.27	98
Fort Trumbull	53.00	36.11	52.37	69.12	54.51	49.39	57.08	52.50	84
Fort Columbus	51.25	33.52	49.31	69.36	52.84	48.47	57.76	48.39	94
Fort Leavenworth	56.02	36.29	55.71	76.00	56.08	49.69	64.80	52.49	98
Fort McHenry	55.24	34.32	55.85	74.84	55.98	50.97	61.59	55.11	94
Fort Severn	56.28	37.17	55.24	74.79	57.95	53.31	61.15	54.56	96
Washington City	55.75	36.56	56.61	74.47	55.35	50.39	62.72	54.23	96
Fort Washington	58.40	38.50	59.64	79.07	59.04	53.59	65.22	58.39	99
Jefferson Barracks	57.54	37.44	58.49	78.13	56.11	52.70	64.24	55.34	99
Fort Monroe	57.57	40.45	53.70	73.77	62.39	54.59	61.09	57.09	95
Fort Gibson	61.80	45.25	61.77	78.46	61.73	54.78	72.02	59.45	103
Fort Johnston	64.87	49.70	64.75	80.06	64.98	60.82	70.37	63.49	94
Fort Towson	61.93	45.71	60.93	80.58	60.52	57.11	69.59	59.36	91
Augusta Arsenal	65.38	52.16	66.45	83.01	62.90	60.83	70.71	66.86	98
Fort Moultrie	66.23	52.96	65.20	80.18	66.59	62.76	70.03	65.92	89
Fort Jesup	67.92	53.13	69.46	82.97	66.15	60.47	75.55	65.79	98
Baton Rouge Bar'ks	68.84	56.79	68.99	82.84	66.76	63.04	75.57	67.93	95
Fort Pike	72.15	58.84	71.29	82.16	76.73	66.99	75.12	69.37	96
Fort Wood, La.	69.96	58.10	69.75	83.52	68.50	66.53	72.87	70.19	91
Fort Marion	70.64	60.51	69.23	81.24	71.61	69.42	73.50	69.47	96
Fort King	72.39	60.17	72.80	84.90	71.70	66.03	80.70	70.48	106

VARIATIONS FOR 1833.

Lowest de- gree.	Range for the year.	Mean monthly range.	WINDS.										WEATHER.												
			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.	Days.	Days.	Days.	Days.	Days.	Days.	Days.	Days.	Days.	Days.	Days.
-16	103	44.5	66	74	37	23	80	18	34	28	S. E.	164	68	88	45	Cl'dy.									
-24	109	52.	-	72	118	26	113	19	17	-	N. E.	235	7	90	33	Fair.									
-13	91	38.6	38	99	13	56	44	18	17	80	N. W.	184	123	48	10	Fair.									
-13	105	42.8	50	44	20	32	4	127	11	77	S.	198	28	106	33	Fair.									
-20	113	50.7	29	112	17	10	24	56	61	56	N. W.	207	84	52	22	Fair.									
-14	113	50.7	49	27	42	28	17	116	42	44	S.	185	84	68	28	Fair.									
1	92	42.	43	54	39	26	19	33	56	95	W.	212	95	46	12	Fair.									
5	89	44.7	40	53	29	51	9	23	45	115	W.	157	53	114	41	Cl'dy.									
-14	112	54.3	49	54	9	13	25	82	84	49	S. W.	193	104	53	15	Fair.									
-7	98	43.	29	76	39	23	12	61	55	70	N. W.	224	108	25	11	Fair.									
-6	102	49.1	27	45	49	12	28	82	67	55	S.	185	44	93	43	Fair.									
-12	106	49.8	54	46	49	39	44	36	59	38	S. W.	195	105	61	4	Fair.									
3	79	38.3	5	100	63	1	36	5	133	12	S. W.	168	108	77	12	Cl'dy.									
-14	104	46.5	28	42	51	39	36	69	47	53	S.	188	90	72	15	Fair.									
4	94	41.9	24	161	4	-	14	151	5	6	N. W.	222	48	74	21	Fair.									
12	72	35.	54	73	44	13	26	22	54	79	W.	225	103	29	8	Fair.									
8	86	38.	17	65	49	15	48	43	74	54	S. W.	197	188	26	4	Fair.									
-9	107	51.9	46	45	9	3	36	176	21	29	S.	211	109	35	10	Fair.									
10	84	40.	9	97	59	34	44	11	54	57	N. W.	261	48	50	6	Fair.									
9	87	37.6	23	94	44	9	98	39	27	31	S. E.	223	47	83	12	Fair.									
12	84	39.3	29	103	57	9	23	30	86	29	N. W.	195	87	71	10	Fair.									
12	87	41.9	20	66	18	18	20	140	35	48	S.	217	52	82	14	Fair.									
3	96	46.	25	57	16	51	47	65	41	63	S.	226	12	25	2	Fair.									
12	83	33.5	42	25	91	26	28	36	90	27	N. E.	213	95	53	4	Fair.									
11	92	48.7	8	50	22	138	79	12	14	42	N. E.	197	85	79	4	Fair.									
18	76	33.9	8	32	130	9	24	92	60	10	N. E.	268	43	53	1	Fair.									
16	75	42.	19	63	21	11	64	29	125	33	S. W.	219	78	64	4	Fair.									
20	78	33.4	31	56	45	40	57	33	47	56	S. E.	197	70	97	1	Fair.									
21	68	30.9	17	34	82	39	86	19	66	22	S. E.	229	122	14	-	Fair.									
21	77	42.6	89	19	52	68	19	41	29	48	N.	250	105	10	-	Fair.									
27	68	35.1	9	40	23	86	53	46	60	48	E.	203	41	121	-	Fair.									
31	65	31.	20	42	27	76	71	21	68	40	E.	258	65	42	-	Fair.									
31	60	29.	10	57	84	32	91	15	50	26	S.	232	105	28	-	Fair.									
41	55	25.2	30	12	102	31	84	66	23	17	N. E.	219	26	120	-	Fair.									
26	80	39.7	34	30	41	58	47	32	63	60	S. W.	318	33	14	-	Fair.									

JANUARY.

No. 1.

PLACES OF OBSERVATION.	THERMOMETER.					WINDS.							WEATHER.							
	Mean Temperature.					Range.	Highest degree.	Lowest degree.	N. N.W.	N. E.	E. S. E.	S. S. W.	S. W.	W. W.	Prevalling.	Fair.	Cl'dy.	Rain.	Snow.	Prevalling.
	A. M.		P. M.		P. M.															
	VII.	II.	IX.	Aggregate Mean Temperature.		Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days
Fort Brady	9.87	20.58	13.96	14.80	51	3	4	5	5	2	3	6	8	4	2	17	Cl'dy.			
Hancock Barracks	4.35	16.90	9.12	10.12	37	1	12	3	3	1	2	3	30	9	11	11	Fair.			
Fort Mackinack	13.54	20.22	15.51	16.42	38	5	4	3	3	4	3	16	16	9	6	6	Fair.			
Fort Sullivan	15.12	24.76	18.58	19.48	42	2	2	1	1	4	2	20	20	2	7	4	Fair.			
Fort Snelling	3.77	11.09	2.03	5.63	40	2	10	2	1	7	1	8	19	7	1	4	Fair.			
Fort Howard	5.83	17.58	11.25	11.55	43	2	2	3	1	1	25	16	16	14	1	1	Fair.			
Fort Preble	14.96	26.67	19.45	20.36	42	2	6	1	1	1	12	16	16	10	2	3	Fair.			
Fort Crawford	1.45	14.29	8.16	7.96	48	1	12	1	2	2	8	6	16	8	1	6	Fair.			
Fort Constitution	10.41	27.51	22.38	20.10	47	1	4	1	1	4	5	19	19	11	1	3	Fair.			
Fort Gratiot	15.64	28.03	20.51	21.39	47	1	7	2	3	4	13	19	19	2	4	2	Fair.			
Watervliet Arsenal	14.67	27.29	19.83	20.59	49	4	3	1	5	4	6	5	18	7	8	3	Fair.			
Fort Independence	19.61	29.54	24.51	24.55	52	2	2	1	1	5	5	8	17	8	3	6	Fair.			
Fort Dearborn	7.77	19.90	12.87	13.51	43	2	6	1	5	5	7	15	13	10	2	6	Cl'dy.			
Fort Wolcott	23.22	31.71	25.45	26.79	49	4	4	1	2	2	7	10	15	7	6	3	Cl'dy.			
Fort Armstrong	8.12	17.16	13.19	12.82	44	1	3	1	5	6	7	15	15	7	4	5	Cl'dy.			
West Point	21.85	31.29	25.87	26.33	59	5	5	2	3	3	5	18	18	4	4	3	Fair.			
Fort Trumbull	22.54	33.00	25.80	27.11	55	2	14	2	2	2	5	19	19	6	3	3	Fair.			
Fort Columbus	25.03	32.22	27.61	28.28	53	3	8	1	2	2	7	16	16	10	5	1	Fair.			
Fort Leavenworth	5.90	22.22	12.41	13.51	49	3	8	1	2	2	7	3	17	10	1	4	Fair.			

JANUARY—CONTINUED.

No. I.

PLACES or OBSERVATION.	THERMOMETER.				Range.	Lowest degree.	Highest degree.	WINDS.								WEATHER.					
	Mean Temperature.							N. Days	N.W. Days	E. Days	S.E. Days	S. Days	S.W. Days	W. Days	Prevaling.	Fair.	Cl'dy.	Rain.	Snow.	Days.	Prevaling.
	A. M.	P. M.	P. M.	P. M.																	
	VII.	II.	IX.	IX.																	
Fort McHenry	25.38	34.09	29.67	29.71	55	10	65	1	12	6	1	3	-	4	4	17	7	5	2	Fair.	
Fort Severn	25.74	35.41	28.87	30.00	54	10	64	5	12	3	-	7	1	2	2	13	4	8	6	Cl'dy.	
Washington City	25.35	34.83	29.29	29.82	50	8	60	5	16	2	1	2	1	3	1	11	13	5	2	Cl'dy.	
Fort Washington	26.96	35.06	31.87	31.29	55	9	65	2	8	1	1	3	11	4	4	20	3	5	3	Fair.	
Jefferson Barracks	16.19	27.03	21.41	21.54	55	-	55	1	11	-	-	6	6	3	4	18	10	4	3	Fair.	
Fort Monroe	33.92	38.58	36.09	35.96	62	17	45	3	18	12	1	1	1	2	4	13	14	10	4	Cl'dy.	
Fort Gibson	22.87	35.00	26.64	28.17	60	-	60	-	13	-	12	3	-	4	-	5	12	4	9	Cl'dy.	
Fort Macon	39.90	46.58	42.48	42.98	67	19	48	3	2	15	7	3	1	8	2	3	14	10	11	Cl'dy.	
Fort Johnston	27.33	36.80	32.83	32.32	62	0	62	5	5	7	2	3	4	8	3	5	11	12	6	Cl'dy.	
Fort Towson	39.48	48.64	44.61	44.24	76	23	53	5	19	2	5	2	3	4	5	39	10	9	12	Cl'dy.	
Augusta Arsenal	44.41	56.32	47.03	49.25	68	29	39	2	5	15	2	3	4	5	6	50	17	4	10	Cl'dy.	
Fort Moultrie	40.16	49.77	44.93	44.95	84	11	73	14	2	6	1	4	4	5	7	32	9	20	2	Cl'dy.	
Oglethorpe Barracks	46.83	53.77	49.64	50.08	79	17	52	2	7	6	7	3	3	4	1	52	4	16	1	Cl'dy.	
Baton Rouge Bar'ks	48.19	56.38	49.67	51.41	79	22	57	3	5	4	10	2	4	7	2	44	6	18	6	Cl'dy.	
Fort Pike	58.32	68.06	57.80	61.39	84	40	44	1	2	5	4	9	9	7	1	58	7	5	5	Fair.	
Fort King	70.83	72.96	72.03	71.94	78	61	17	2	2	10	4	11	2	2	-	16	15	15	-	Fair.	

FEBRUARY—CONTINUED.

No. II.

PLACES	THERMOMETER.		WINDS.		WEATHER.		Prevaling
	Mean Temperature.		Direction.		Days.		
	A. M.	P. M.	N.	E.	S.	W.	
Fort McHenry	41.71	47.17	1	3	5	7	W.
Fort Severn	36.57	47.21	4	6	6	4	N.W.
Washington City	38.17	48.28	2	4	6	3	N.W.
Fort Washington	40.50	51.07	3	4	3	11	S.
Jefferson Barracks	37.46	51.50	1	4	1	9	S.
Fort Monroe	43.89	50.00	5	5	7	4	N.E.
Fort Gibson	41.39	60.75	4	8	11	4	N.E.
Fort Macon	47.92	49.85	1	4	1	4	S.E.
Fort Johnston	49.42	59.57	3	3	1	4	S.W.
Fort Towson	41.39	59.96	2	1	8	1	S.
Augusta Arsenal	55.07	69.39	5	1	8	11	W.
Fort Moultrie	54.10	62.60	1	5	5	7	N.W.
Oglethorpe Barracks	58.92	63.64	3	3	2	6	S.E.
Fort Jesup	51.60	70.75	1	7	1	16	S.
Baton Rouge Bar'ks	54.42	67.42	3	3	5	4	N.
Fort Pike	56.92	63.39	2	2	1	7	S.W.
Fort King	60.78	76.14	1	1	2	10	S.
Key West Barracks	70.75	73.82	3	3	10	1	S.E.

MARCH.

No. III.

PLACES or OBSERVATION.	THERMOMETER.				Range.	WINDS.							WEATHER.			Prevailing.		
	Mean Temperature.		Aggregate	Highest degree.		Lowest degree.	N.	N.W.	E.	S.E.	S.	S.W.	W.	Fair.	Cl'dy.		Rain.	Snow.
	A. M.	P. M.																
Fort Brady	21.54	37.03	24.54	27.70	48	7	8	1	2	8	3	3	10	8	3	10	Cl'dy.	
Hancock Barracks	20.61	35.06	25.93	27.20	55	4	5	1	2	6	3	3	4	5	5	4	Fair.	
Fort Mackinack	22.58	31.80	26.38	26.92	45	5	11	2	2	1	1	3	3	3	1	3	Fair.	
Fort Sullivan	28.54	40.00	31.09	33.21	60	4	1	2	1	14	3	4	4	5	3	4	Fair.	
Fort Snelling	25.41	40.19	31.38	32.32	55	3	15	1	5	2	3	2	2	18	2	2	Fair.	
Fort Howard	27.78	40.38	31.00	33.05	56	3	3	6	1	12	7	4	4	9	1	4	Fair.	
Fort Preble	29.19	41.77	30.54	33.53	60	2	3	2	1	1	9	3	3	21	5	2	Fair.	
Fort Crawford	26.06	43.16	35.00	34.74	60	3	5	2	2	11	4	11	1	18	7	1	Fair.	
Fort Constitution	31.45	37.45	34.54	34.49	67	1	4	4	2	3	13	4	11	23	2	5	Fair.	
Fort Gratiot	30.67	39.54	34.67	34.96	61	1	1	7	1	2	4	4	3	13	5	3	Cl'dy.	
Watervliet Arsenal	29.67	42.29	33.00	34.98	59	1	1	8	4	6	6	6	3	17	8	3	Fair.	
Fort Independence	30.25	43.22	36.32	36.59	65	4	6	3	2	2	2	5	2	8	5	3	Fair.	
Fort Dearborn	33.06	41.38	36.38	36.94	64	6	3	4	4	9	14	5	3	15	8	3	Fair.	
Fort Wolcott	32.06	44.32	35.31	37.23	58	2	10	3	7	11	11	5	3	20	5	3	Cl'dy.	
Fort Armstrong	33.09	46.70	38.42	39.07	58	6	4	8	1	6	6	1	5	15	5	7	Cl'dy.	
West Point	32.48	47.22	38.12	39.60	71	11	5	2	1	16	1	2	3	21	2	5	Fair.	
Fort Trumbull	33.93	44.93	36.25	38.37	66	1	10	2	1	9	7	2	3	22	7	2	Fair.	
Fort Columbus	35.32	45.51	38.09	39.64	62	1	6	2	1	9	1	1	1	14	16	1	Cl'dy.	
Fort Leavenworth	32.06	51.70	39.00	40.92	78	1	3	1	1	14	1	5	1	17	12	1	Fair.	

MAY.

No. V.

PLACES or OBSERVATION.	THERMOMETER.				Range	WINDS.								WEATHER.																											
	Mean Temperature.					Highest degree.	N.	N.W.	N.E.	E.	S.E.	S.	S.W.	W.	Prevaling	Fair.	Cl'dy.	Rain.	Snow.																						
	A.M.	P.M.	P.M.	IX.																Aggregate	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days									
																																	Mean Temperature.				Prevaling	Fair.	Cl'dy.	Rain.	Snow.
																																	Mean Temperature.								
Mean Temperature.																																									
Fort Brady	49.41	59.67	45.71	51.59	56	2	7	-	1	13	1	5	2	2	15	14	-	-	Cl'dy.																						
Hancock Barracks	40.83	55.29	46.90	47.67	25	-	1	9	2	8	9	2	-	-	16	14	1	8	Fair.																						
Fort Mackinack	40.09	49.96	44.03	44.69	49	1	12	-	16	5	1	2	-	-	21	8	-	-	Fair.																						
Fort Sullivan	43.67	54.29	45.35	47.77	38	-	-	1	3	5	18	2	2	4	15	5	10	-	Cl'dy.																						
Fort Snelling	57.61	69.06	58.61	61.76	53	-	-	1	5	9	5	9	1	1	18	4	9	-	Fair.																						
Fort Howard	53.29	67.09	55.06	58.48	90	5	-	1	4	2	11	1	1	1	18	9	4	-	Fair.																						
Fort Preble	47.12	60.42	47.22	51.58	36	4	4	1	6	2	4	4	16	15	11	14	5	1	Cl'dy.																						
Fort Crawford	56.61	70.48	61.00	62.69	52	-	5	-	1	3	9	11	18	13	17	13	-	-	Fair.																						
Fort Constitution	48.77	56.00	48.45	51.07	47	-	1	8	-	1	3	9	15	1	17	12	2	-	Fair.																						
Fort Gratiot	56.22	65.06	54.06	58.44	31	-	4	5	1	3	2	15	1	3	17	11	6	3	Fair.																						
Watervliet Arsenal	52.25	64.87	54.80	57.30	54	4	7	1	1	4	8	5	3	3	16	7	6	2	Fair.																						
Fort Independence	47.87	59.41	52.41	53.23	84	2	1	6	5	8	4	8	2	2	10	8	13	-	Cl'dy.																						
Fort Dearborn	50.74	60.41	54.61	55.25	38	2	1	8	2	1	4	8	5	5	17	6	6	-	Fair.																						
Fort Wolcott	46.64	60.16	49.25	52.01	33	2	7	10	7	2	3	11	7	7	12	9	1	-	Cl'dy.																						
Fort Armstrong	52.93	65.70	60.48	59.70	38	4	2	4	1	7	3	5	1	1	13	7	11	1	Cl'dy.																						
West Point	51.64	65.87	59.64	59.05	56	2	8	1	-	9	15	1	7	1	15	6	9	1	Cl'dy.																						
Fort Trumbull	52.61	66.96	52.54	57.37	43	2	2	2	7	9	1	5	4	4	12	11	6	-	Cl'dy.																						
Fort Columbus	53.00	63.51	53.12	56.54	84	2	3	2	2	3	5	7	1	1	14	15	4	-	Cl'dy.																						
Fort Leavenworth	56.00	75.70	63.61	65.10	39	1	3	1	2	3	15	-	5	-	16	9	6	-	Fair.																						

MAY—CONTINUED.

No. V.

PLACES OF OBSERVATION.	THERMOMETER.				Highest degree.	Lowest degree.	Range.	WINDS.						WEATHER.															
	Mean Temperature.							Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days											
	A. M.	P. M.	P. M.	P. M.															N. W.	N. E.	E.	S. E.	S.	S. W.	W.	Fair.	Cl'dy.	Rain.	Snow.
	VII.	II.	IX.	IX.															Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days
Fort McHenry	53.54	67.93	61.74	61.07	85	36	49	1	6	2	2	9	7	6	3	4	19	2	10	1	10	-	-	-	-	Fair.			
Fort Severn	60.54	70.38	61.51	64.14	80	42	38	2	3	2	2	2	8	5	5	4	4	20	1	10	3	6	1	10	-	-	Fair.		
Washington City	56.25	71.12	61.16	62.84	87	36	51	2	9	8	4	4	4	1	8	1	22	3	3	6	6	1	6	1	6	-	-	Fair.	
Fort Washington	59.25	73.83	61.58	64.88	88	34	54	2	2	3	1	2	3	18	2	7	5	23	3	6	1	1	1	1	1	1	1	Fair.	
Jefferson Barracks	61.70	74.96	66.03	67.56	90	49	41	1	7	2	4	4	5	4	10	2	20	8	3	1	1	1	1	1	1	1	1	Fair.	
Fort Monroe	60.77	69.16	64.64	64.85	82	44	38	4	4	1	2	4	4	4	3	2	19	4	8	3	1	1	1	1	1	1	1	Fair.	
Fort Gibson	65.12	83.16	68.67	72.31	96	50	46	3	5	2	1	12	7	3	4	2	19	4	8	3	1	1	1	1	1	1	1	Fair.	
Fort Macon	70.06	77.52	65.54	70.94	92	48	44	4	3	2	2	2	4	4	10	2	21	7	3	1	1	1	1	1	1	1	1	Fair.	
Fort Johnston	66.12	74.74	68.09	69.65	84	54	30	5	2	6	6	6	2	15	4	4	26	1	4	1	1	1	1	1	1	1	1	Fair.	
Fort Towson	63.29	75.61	67.96	68.95	88	51	37	3	3	2	6	6	2	13	5	2	23	7	1	1	1	1	1	1	1	1	1	Fair.	
Augusta Arsenal	67.51	78.09	70.50	72.03	88	58	30	2	4	5	5	6	6	6	4	2	18	2	2	11	1	1	1	1	1	1	1	Fair.	
Fort Moultrie	68.74	73.77	71.35	71.28	86	54	32	2	4	5	3	11	3	11	3	7	23	2	4	4	1	1	1	1	1	1	1	Fair.	
Oglethorpe Barracks	72.12	79.35	72.96	74.81	93	64	29	2	1	11	2	7	3	7	7	1	23	2	7	6	1	1	1	1	1	1	1	Fair.	
Fort Jesup	68.90	80.32	71.61	73.61	90	54	36	2	1	15	1	15	1	1	1	10	18	9	9	4	1	1	1	1	1	1	1	Fair.	
Baton Rouge Bar ^{ks}	70.64	82.58	73.87	75.69	90	61	29	1	1	2	8	1	3	3	8	9	24	5	8	1	1	1	1	1	1	1	1	Fair.	
Fort Pike	72.80	82.71	73.83	76.44	92	60	32	1	8	3	5	4	2	5	2	6	18	14	3	1	1	1	1	1	1	1	1	Cl'dy.	
Fort King	71.22	87.93	75.16	78.10	96	56	40	4	4	4	4	4	2	10	3	8	28	2	3	1	1	1	1	1	1	1	1	Fair.	
Key West Barracks	76.61	79.52	78.09	78.07	85	72	13	1	1	9	1	15	4	1	15	1	16	8	8	1	1	1	1	1	1	1	1	Fair.	

JUNE—CONTINUED.

No. VI.

PLACES or OBSERVATION.	THERMOMETER.				WINDS.						WEATHER.								
	Mean Temperature.				Highest degree.	Lowest degree.	Range.	N. N.W.		E. S.E.		S. S.W.		W. W.		Prevaling.			
	A. M.	P. M.	P. M.	P. M.				Days	Days	Days	Days	Days	Days	Days	Days				
	VII.		IX.		Days		Days		Days		Days		Days		Fair.	Rain.	Snow.		
Fort McHenry	68.46	77.00	70.56	72.00	91	56	35	2	11	1	1	1	1	1				1	16
Fort Severn	71.46	77.13	70.26	72.95	90	60	30	1	5	1	4	3	3	3	3	15	1	14	Fair.
Washington City	68.06	79.63	69.43	72.37	90	57	33	1	3	1	3	2	2	2	2	16	4	10	Fair.
Fort Washington	71.73	82.48	73.40	79.20	92	60	32	1	1	1	1	1	1	1	1	24	9	6	Fair.
Jefferson Barracks	72.40	82.80	72.53	75.91	94	60	34	1	6	1	1	1	1	1	1	21	13	1	Fair.
Fort Monroe	71.00	79.86	74.96	75.27	91	63	28	1	1	2	2	3	3	3	3	16	13	1	Fair.
Fort Gibson	74.36	90.53	74.56	79.81	102	61	41	1	2	2	10	5	4	1	1	21	1	8	Fair.
Fort Macon	81.53	88.33	77.86	82.57	96	64	32	1	3	1	1	1	1	1	1	22	3	5	Fair.
Fort Johnston	78.66	83.13	78.50	80.09	86	66	20	1	2	1	1	1	1	1	1	29	8	1	Fair.
Fort Towson	74.70	86.13	77.73	79.52	92	63	29	1	2	2	3	3	3	3	3	20	8	2	Fair.
Augusta Arsenal	79.90	88.96	79.73	82.86	96	72	24	4	1	1	1	1	1	1	1	16	8	6	Fair.
Fort Moultrie	80.23	83.43	80.43	80.69	90	72	18	1	3	1	2	3	3	3	3	24	4	2	Fair.
Oglethorpe Barracks	80.73	86.26	84.13	83.70	92	76	16	1	3	2	1	4	3	3	3	19	6	5	Fair.
Fort Jesup	78.16	88.36	82.13	82.88	92	72	20	1	4	2	2	4	3	2	2	24	6	6	Fair.
Baton Rouge Bar'ks	79.40	90.30	81.90	83.86	94	73	21	1	1	1	1	1	1	1	1	19	2	1	Fair.
Fort Pike	81.13	86.30	81.36	82.93	90	74	16	1	7	2	2	4	3	3	3	19	2	1	Fair.
Fort King	78.13	94.66	81.06	84.61	104	72	32	1	1	1	1	1	1	1	1	30	1	4	Fair.
Key West Barracks	81.50	84.46	83.00	82.98	88	79	9	1	8	1	1	1	1	1	1	16	12	2	Fair.

No. VII.

JULY.

PLACES or OBSERVATION.	THERMOMETER.							WINDS.							WEATHER.										
	Mean Temperature.			Aggregate	Highest degree.	Lowest degree.	Range.	N. N.W.	N. N.E.	E.	S. E.	S.	S. W.	W.	Prevailing.	Fair.	Cl'dy.	Rain.	Snow.	Days.	Days.	Days.	Days.		
	A. M.	P. M.	P. M.																						
	VII.	II.	IX.																						
Fort Brady	65.93	74.12	63.90	67.98	85	50	35	15	6	-	6	-	5	5	N.W.	20	-	11	-	-	-	-	-	-	Fair.
Hancock Barracks	60.77	78.93	65.74	68.48	92	50	42	1	1	-	8	-	3	3	S.	25	1	5	-	-	-	-	-	-	Fair.
Fort Mackinack	62.77	70.93	63.03	65.57	82	53	29	2	3	2	3	2	1	1	W.	25	5	1	-	-	-	-	-	-	Fair.
Fort Sullivan	59.58	69.38	59.19	62.71	82	50	32	2	1	-	5	-	4	2	S.	20	4	7	-	-	-	-	-	-	Fair.
Fort Snelling	75.00	83.96	74.29	77.75	94	64	30	4	4	-	2	1	4	6	S.	24	-	7	-	-	-	-	-	-	Fair.
Fort Howard	70.19	84.41	71.09	75.23	96	56	40	2	1	3	2	1	5	6	W.	26	5	-	-	-	-	-	-	-	Fair.
Fort Preble	66.80	82.35	65.06	71.40	96	58	38	2	2	7	1	1	5	6	S.W.	17	10	5	-	-	-	-	-	-	Fair.
Fort Crawford	77.29	87.12	77.06	80.49	95	62	33	1	1	3	2	1	15	5	S.W.	26	6	-	-	-	-	-	-	-	Fair.
Fort Constitution	65.54	73.03	65.87	68.14	92	57	35	4	2	4	3	2	1	16	S.W.	25	6	-	-	-	-	-	-	-	Fair.
Fort Gratiot	74.06	81.22	70.22	75.16	98	56	42	1	2	4	1	1	16	4	S.W.	24	2	7	-	-	-	-	-	-	Fair.
Watervliet Arsenal	74.22	83.35	75.41	77.66	95	64	31	1	4	1	1	3	13	5	S.	21	5	5	-	-	-	-	-	-	Fair.
Fort Dearborn	65.38	81.29	73.29	73.32	96	55	41	4	1	4	1	1	13	3	S.W.	18	8	7	-	-	-	-	-	-	Fair.
Fort Wolcott	71.90	79.41	73.32	74.87	91	62	29	3	1	3	3	10	2	2	S.W.	24	3	4	-	-	-	-	-	-	Fair.
Fort Armstrong	65.80	76.03	67.74	69.85	92	55	37	3	1	5	1	8	3	10	S.W.	13	10	8	-	-	-	-	-	-	Cl'dy.
West Point	70.45	83.93	76.25	76.87	94	64	30	1	1	6	2	9	4	4	S.	13	12	6	-	-	-	-	-	-	Cl'dy.
Fort Trumbull	71.80	85.16	73.51	76.82	100	60	40	1	1	1	1	17	2	2	S.	13	12	1	-	-	-	-	-	-	Fair.
Fort Columbus	72.67	82.45	72.29	75.80	93	59	34	1	1	1	1	21	3	5	S.	16	12	7	-	-	-	-	-	-	Fair.
Fort Leavenworth	73.73	84.19	70.66	76.19	94	58	36	3	1	1	3	3	5	-	S.W.	8	7	1	-	-	-	-	-	-	Fair.
	69.90	91.22	73.00	78.04	99	60	39	3	1	4	3	20	-	-	S.	24	6	1	-	-	-	-	-	-	Fair.

* Mean of 16 days.

JULY—CONTINUED.

No. VII.

PLACES OF OBSERVATION.	THERMOMETER.						WINDS.						WEATHER.							
	Mean Temperature.			Aggregate Mean Temperature.	Highest degree.	Lowest degree.	N. W.	N. E.	E.	S. E.	S.	S. W.	W.	Days	Fair.	Rain.	Snow.	Days	Days	Prevailing.
	A. M.	P. M.	P. M.																	
Fort McHenry	76.32	85.70	79.22	80.41	96	64	2	4	-	6	9	5	5	23	1	7	-	-	-	Fair.
Fort Severn	78.25	83.67	77.45	79.79	94	67	8	3	4	4	3	4	2	22	2	7	-	-	-	Fair.
Washington City	75.00	88.12	78.42	80.51	96	66	12	4	-	4	4	5	2	22	2	7	-	-	-	Fair.
Fort Washington	76.06	88.58	81.45	83.03	96	68	1	-	-	1	23	1	4	27	1	3	-	-	-	Fair.
Jefferson Barracks	77.90	89.00	77.90	81.60	98	67	7	2	4	4	9	7	4	22	9	9	-	-	-	Fair.
Fort Monroe	77.00	86.48	79.93	81.13	92	69	1	10	4	4	5	3	2	13	8	10	-	-	-	Cl'dy.
Fort Gibson	78.00	91.61	79.58	83.06	102	66	3	1	1	3	12	13	-	14	3	14	-	-	-	Cl'dy.
Fort Macon	79.67	84.90	80.32	81.63	90	72	2	3	1	3	6	2	3	30	1	-	-	-	-	Fair.
Fort Johnston	84.67	85.29	79.48	83.14	89	72	3	3	1	6	18	3	3	22	9	-	-	-	-	Fair.
Fort Towson	76.19	88.41	78.19	80.93	94	67	5	2	2	4	2	6	7	17	9	-	-	-	-	Fair.
Augusta Arsenal	81.29	89.90	84.58	85.25	96	70	3	3	1	4	7	5	2	26	3	2	-	-	-	Fair.
Fort Moultrie	79.51	86.29	81.29	82.36	89	72	1	1	14	7	3	6	7	26	3	2	-	-	-	Fair.
Oglethorpe Barracks	80.96	86.56	81.67	83.06	92	66	3	4	9	3	5	2	10	23	3	5	-	-	-	Fair.
Fort Jesup	78.03	86.32	81.83	82.06	92	72	1	4	5	5	8	6	2	16	2	2	-	-	-	Fair.
Bacon Rouge Bar'ks	79.41	89.32	80.35	83.02	98	73	1	6	4	2	1	12	5	17	13	1	-	-	-	Fair.
Fort Pike	80.54	87.96	80.90	83.13	93	74	6	2	2	2	1	8	5	17	13	1	-	-	-	Fair.
Fort King	79.51	92.45	78.06	83.34	102	74	2	2	9	20	9	2	1	29	2	-	-	-	-	Fair.
Key West Barracks	81.38	83.90	82.32	82.53	86	79	2	10	4	14	1	1	1	8	15	-	-	-	-	Cl'dy.

AUGUST.

No. VIII.

PLACES OF OBSERVATION.	THERMOMETER.						WINDS.						WEATHER.								
	Mean Temperature.			Aggregate Mean Temperature.	Highest degree.	Lowest degree.	Range.	N.	N.W.	N.E.	E.	S.E.	S.	S.W.	W.	Prevaling.	Fair.	Cl'dy.	Rain.	Snow.	
	A. M.	P. M.	P. M.																		
	VII.	II.	IX.																		
Fort Brady	64.83	73.77	60.54	66.38	91	43	1	12	3	1	7	1	5	1	1	N. W.	17	2	12	-	Fair.
Hancock Barracks	57.16	71.96	61.25	63.45	89	46	1	2	14	4	4	8	2	1	1	N. E.	21	2	8	-	Fair.
Fort Mackinack	62.74	70.16	63.29	65.39	82	51	2	6	1	3	6	1	1	1	1	W.	20	11	11	-	Fair.
Fort Sullivan	57.22	67.58	58.32	61.04	89	50	4	4	2	2	5	2	3	3	2	S.	17	5	9	-	Fair.
Fort Snelling	69.74	79.35	70.87	73.32	90	55	3	6	1	3	5	8	3	3	2	S.	19	2	10	-	Fair.
Fort Howard	66.45	79.48	67.64	71.19	96	54	4	2	1	3	1	6	2	1	1	N. E.	22	8	1	-	Fair.
Fort Preble	62.29	77.83	62.90	67.67	90	54	3	3	8	2	2	2	3	2	2	W.	16	10	5	-	Fair.
Fort Crawford	72.80	84.96	74.90	77.55	98	60	3	2	4	1	4	1	1	1	3	S. W.	26	7	1	-	Fair.
Fort Constitution	62.29	69.06	62.51	64.62	76	53	2	2	4	3	4	3	1	1	2	S. W.	23	2	1	-	Fair.
Fort Gratiot	68.41	76.64	67.32	70.29	93	58	2	5	6	1	7	6	1	6	5	S. W.	22	5	4	-	Fair.
Watervliet Arsenal	68.70	81.96	69.06	73.24	99	51	5	6	1	1	5	3	1	1	2	S. W.	22	8	4	-	Fair.
Fort Independence	61.29	75.75	67.87	68.30	79	52	1	9	6	6	2	2	4	4	1	S. E.	18	8	5	-	Fair.
Fort Dearborn	69.51	74.25	65.48	71.66	88	51	2	7	5	6	2	2	6	4	1	N. W.	22	4	5	-	Fair.
Fort Wolcott	62.06	76.42	65.48	67.98	85	37	1	9	7	8	2	4	1	1	2	S. W.	20	8	3	-	Fair.
Fort Armstrong	67.80	83.06	75.29	75.98	92	58	1	1	6	4	4	5	7	2	2	E.	4	25	2	-	Cl'dy.
West Point	69.09	80.09	72.58	73.92	95	50	2	1	1	4	1	10	6	6	1	N. W.	25	4	4	-	Fair.
Fort Trumbull	67.70	78.12	69.19	71.67	91	54	2	3	5	2	2	3	2	3	1	S.	17	10	4	-	Fair.
Fort Columbus	68.42	79.33	67.81	71.85	94	70	2	2	3	1	3	3	1	1	1	N. E.	11	10*	6	-	Fair.
Fort Leavenworth	69.12	91.45	73.58	78.06	105	53	9	2	2	3	1	15	1	1	1	S.	23	6	2	-	Fair.

* For 21 days.

AUGUST—CONTINUED.

No. VIII.

PLACES OF OBSERVATION.	THERMOMETER.					WINDS.										WEATHER.					
	Mean Temperature.			Aggregate Mean Temperature.	Highest degree.	Lowest degree.	Range.	N.	N.W.	N.E.	E.	S.E.	S.	S.W.	W.	Prevailing.	Fair.	Cl'dy.	Rain.	Snow.	
	A. M.	P. M.	P. M.																		Days
	VII.	II.	IX.	Prevailing.										Prevailing.							
Fort McHenry	71.51	83.61	76.67	77.36	100	62	38	-	6	1	10	2	2	7	3	S. E.	27	3	1	1	Fair.
Fort Severn	75.35	81.83	77.12	78.10	99	62	37	5	11	2	4	3	3	9	1	N. W.	29	1	4	-	Fair.
Washington City	70.96	85.87	74.83	77.22	97	62	35	5	12	3	-	1	8	7	13	N. W.	27	2	2	1	Fair.
Fort Washington	74.80	86.19	78.32	79.77	96	68	28	6	1	3	2	14	1	4	4	S.	28	7	1	2	Fair.
Jefferson Barracks	76.22	89.58	78.03	81.27	101	59	42	6	1	3	10	4	3	2	2	E.	30	7	2	-	Fair.
Fort Monroe	77.61	81.09	78.90	79.20	89	72	17	5	2	5	2	2	2	2	2	E.	22	2	3	3	Fair.
Fort Gibson	79.38	102.80	82.48	88.22	116	66	50	1	4	5	1	-	12	1	-	S. W.	26	2	-	14	Fair.
Fort Macon	76.70	83.54	78.93	79.72	90	72	18	7	1	1	16	1	1	10	1	S. W.	17	-	-	6	Fair.
Fort Johnston	77.58	82.03	77.93	79.18	88	71	17	1	1	1	9	3	3	6	2	S. E.	25	6	2	-	Fair.
Fort Towson	75.45	90.74	79.64	81.94	92	72	20	1	1	1	1	3	4	2	2	S. W.	23	6	2	10	Fair.
Augusta Arsenal	78.09	87.78	83.87	83.24	97	67	30	1	11	4	5	4	2	1	3	N. W.	21	7	2	5	Fair.
Fort Moultrie	77.16	82.45	79.61	79.74	91	70	21	3	3	3	1	5	4	2	1	N. E.	22	7	2	5	Fair.
Oglethorpe Barracks	79.96	83.80	81.80	81.85	90	72	18	3	3	6	3	3	3	12	2	S. W.	23	8	3	8	Cl'dy.
Fort Jesup	78.06	85.93	82.38	82.12	91	70	21	2	2	4	3	2	4	11	4	S. W.	12	13	3	16	Fair.
Baton Rouge Bar'ks	77.70	88.61	80.58	82.29	93	72	25	2	2	2	4	3	2	1	4	E.	18	18	13	6	Fair.
Fort Pike	83.77	89.12	80.96	84.28	93	73	20	1	11	1	12	1	4	7	2	S. E.	12	13	3	6	Fair.
Fort King	78.61	89.70	79.22	82.51	102	72	30	-	3	7	5	-	7	2	2	S. E.	19	6	8	-	Cl'dy.
Key West Barracks	81.61	84.96	82.31	82.96	88	80	8	-	4	10	-	2	5	5	2	N. E.	15	8	8	-	Cl'dy.

SEPTEMBER.

No. IX.

PLACES OF OBSERVATION.	THERMOMETER.			Range.	WINDS.												WEATHER.			
	Mean Temperature.		Aggregate Mean Temperature.		Highest degree.	Lowest degree.	N.	N.W.	N.E.	E.	S.E.	S.	S.W.	W.	W.	W.	Fair.	Cl'dy.	Rain.	Snow.
	A. M.	P. M.																		
	VII.	II.	IX.		Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days
Fort Brady	49.86	60.93	48.53	53.10	29	53	14	6	1	7	1	4	3	3	8	6	15	1	Cl'dy.	
Hancock Barracks	52.40	69.20	56.63	59.41	32	53	3	2	10	2	3	3	1	1	20	2	8	-	Fair.	
Fort Mackinack	52.56	59.36	52.70	54.87	35	42	4	5	2	2	3	3	11	16	8	6	6	-	Fair.	
Fort Sullivan	54.43	65.60	55.89	58.64	40	40	1	2	1	2	2	2	7	19	5	5	6	-	Fair.	
Fort Snelling	51.90	63.46	54.73	56.69	29	54	3	1	1	2	1	5	9	17	3	10	2	-	Fair.	
Fort Howard	54.60	65.93	55.06	58.53	32	54	1	4	1	1	4	7	12	16	12	2	6	-	Fair.	
Fort Preble	56.06	70.70	57.56	61.47	36	52	2	12	1	3	13	3	13	20	4	4	6	-	Fair.	
Fort Crawford	53.56	68.56	56.56	59.56	30	60	4	4	1	6	7	5	4	18	9	3	3	-	Fair.	
Fort Constitution	56.80	64.90	58.33	60.91	36	43	1	4	2	2	17	4	3	18	2	10	7	-	Fair.	
Fort Gratiot	56.10	67.83	58.40	60.77	37	49	1	4	3	2	7	4	3	18	8	4	4	-	Fair.	
Watervliet Arsenal	59.33	73.70	60.50	64.51	30	60	6	6	6	4	4	10	1	18	2	10	4	-	Fair.	
Fort Independence	56.40	69.26	62.70	62.78	34	52	4	1	3	2	7	4	3	18	8	4	4	-	Fair.	
Fort Dearborn	55.50	67.73	58.53	60.58	30	55	4	1	3	6	4	6	1	14	10	6	6	-	Cl'dy.	
Fort Wolcott	59.13	71.50	61.43	64.02	36	48	1	5	1	8	2	3	2	11	11	8	1	-	Cl'dy.	
Fort Armstrong	52.93	67.20	58.80	59.64	36	52	5	1	1	5	6	9	7	16	5	13	12	-	Fair.	
West Point	62.63	68.80	64.80	63.41	37	46	1	6	1	4	4	10	3	17	7	6	4	-	Fair.	
Fort Trumbull	61.43	71.60	63.23	65.42	38	45	1	5	1	9	4	1	2	17	9	7	4	-	Fair.	
Fort Columbus	61.20	70.63	60.83	64.22	42	45	1	4	1	6	1	7	3	13	13	14	3	-	Cl'dy.	
Fort Leavenworth	53.63	73.73	57.23	61.53	36	55	7	1	1	1	19	-	2	13	13	15	2	-	Cl'dy.	

SEPTEMBER—CONTINUED.

No. IX.

PLACES OF OBSERVATION.	THERMOMETER.				Mean Temperature. Aggregate	Highest degree.	Lowest degree.	Range.	WINDS.										WEATHER.										
	Mean Temperature.								N.	N.W.	N.E.	E.	S.E.	S.	S.W.	W.	Prevaling.		Fair.	Cl'dy.	Rain.	Snow.							
	A. M.	P. M.	P. M.	P. M.													Days	Days					Days	Days					
	VII.	II.	IX.	IX.					Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days							
Fort McHenry	62.60	70.93	66.83	66.78	84	40	44	-	2	5	4	2	8	4	4	3	3	16	5	9	-	-	-	-	-	-	-	Fair.	
Fort Severn	58.20	66.03	61.13	61.78	76	48	28	-	1	11	4	3	5	4	3	3	3	13	5	12	-	-	-	-	-	-	-	Cl'dy.	
Washington City	62.63	71.16	65.56	66.45	84	39	45	-	1	8	1	2	4	4	6	1	1	16	2	12	-	-	-	-	-	-	-	Fair.	
Fort Washington	67.10	78.13	69.00	71.41	86	48	38	-	1	4	1	-	4	13	6	1	1	20	3	7	-	-	-	-	-	-	-	Fair.	
Jefferson Barracks	58.60	72.83	63.53	64.98	94	39	55	-	1	3	6	5	2	4	4	1	1	13	2	15	-	-	-	-	-	-	-	Cl'dy.	
Fort Monroe	72.83	75.83	74.13	74.26	86	60	26	-	1	3	5	-	3	5	6	1	1	13	10	7	-	-	-	-	-	-	-	Cl'dy.	
Fort Gibson	66.06	88.46	67.10	73.87	103	49	54	-	2	1	3	3	12	1	1	3	3	17	5	8	-	-	-	-	-	-	-	Fair.	
Fort Macon	74.46	80.80	74.33	76.53	90	60	30	-	4	-	6	4	3	3	10	-	-	15	5	10	-	-	-	-	-	-	-	Fair.	
Fort Johnston	73.43	79.70	74.80	75.97	84	57	27	-	3	-	4	6	4	2	4	-	-	15	5	10	-	-	-	-	-	-	-	Fair.	
Fort Towson	60.30	75.20	67.23	67.57	83	52	31	-	2	12	4	-	1	1	6	1	1	22	3	5	-	-	-	-	-	-	-	Fair.	
Augusta Arsenal	67.63	83.90	72.43	74.65	93	62	41	-	2	4	1	3	6	7	5	4	4	18	9	3	-	-	-	-	-	-	-	Fair.	
Fort Moultrie	73.90	79.30	76.20	76.46	87	62	25	-	4	1	7	4	7	4	3	4	4	19	6	5	-	-	-	-	-	-	-	-	Fair.
Oglethorpe Barracks	73.53	80.60	78.40	77.51	88	70	18	-	4	2	4	2	7	8	1	2	2	19	12	3	-	-	-	-	-	-	-	-	Fair.
Fort Jesup	67.06	76.80	73.20	72.95	86	56	30	-	6	1	14	5	3	3	-	-	-	19	10	1	-	-	-	-	-	-	-	Fair.	
Baton Rouge Bar'ks	70.03	79.13	73.80	74.32	92	61	31	-	5	1	10	11	1	1	1	2	1	11	4	15	-	-	-	-	-	-	-	-	Cl'dy.
Fort Pike	74.23	82.80	77.63	78.22	89	62	27	-	-	2	8	13	5	-	-	1	1	16	10	4	-	-	-	-	-	-	-	-	Fair.
Fort King	76.46	90.30	78.10	81.62	100	68	32	-	-	3	4	5	6	-	-	3	3	23	6	1	-	-	-	-	-	-	-	-	Fair.
Key West Barracks	80.73	80.16	81.86	80.91	87	78	9	-	10	-	10	10	-	-	-	-	-	10	5	15	-	-	-	-	-	-	-	Cl'dy.	

OCTOBER.

No. X.

PLACES or OBSERVATION.	THERMOMETER.						WINDS.												WEATHER.					
	Mean Temperature.			Aggregate	Highest degree.	Lowest degree.	Range.	N.	N.W.	N.E.	E.	S.E.	S.	S.W.	W.	Prevaling.	Fair.	Cl'dy.	Rain.	Snow.	Days.	Days.	Days.	Prevaling.
	A. M.	P. M.	P. M.																					
	VII.	II.	IX.																					
Fort Brady	36.96	45.16	39.00	40.37	59	34	2	10	5	3	6	3	2	2	2	N.W.	8	8	8			7	7	Cl'dy.
Hancock Barracks	38.51	47.16	40.16	41.94	70	23	5	2	12	1	6	4	1	1	3	N.E.	18	4	4			2	4	Fair.
Fort Mackinack	39.32	44.06	39.87	41.08	62	26	4	9	-	3	6	1	3	3	5	N.W.	14	11	5			1	9	Cl'dy.
Fort Sullivan	43.87	53.03	41.12	46.00	62	28	2	3	2	-	-	4	4	4	8	S.	14	6	9			2	1	Cl'dy.
Fort Snelling	39.67	52.48	45.32	45.82	70	25	2	2	3	2	2	8	4	4	5	S.	19	8	3			2	1	Fair.
Fort Howard	43.74	52.22	44.03	46.66	72	30	2	2	3	2	3	4	4	3	10	W.	16	13	2			6	1	Fair.
Fort Preble	43.16	54.25	44.77	47.39	74	30	4	4	2	3	1	2	2	6	11	W.	14	11	6			5	1	Cl'dy.
Fort Crawford	42.12	55.54	48.09	48.58	80	23	1	10	2	2	2	2	2	4	4	N.W.	16	10	5			6	1	Fair.
Fort Constitution	43.45	52.48	46.25	47.39	72	32	1	8	4	-	2	3	3	13	2	N.W.	7	10	10			4	4	Cl'dy.
Fort Gratiot	42.74	54.35	46.74	47.94	70	29	1	1	4	9	2	2	2	2	2	N.W.	14	10	7			1	1	Cl'dy.
Waterliet Arsenal	41.32	53.70	43.45	46.15	79	19	60	4	1	1	4	1	4	7	14	N.	16	6	9			5	5	Fair.
Fort Independence	42.51	57.74	49.83	50.02	81	29	52	10	2	1	6	1	1	4	7	N.	16	6	9			5	5	Fair.
Fort Dearborn	43.93	54.48	41.67	46.69	78	25	53	7	2	3	1	1	1	1	17	S.W.	16	10	6			6	6	Fair.
Fort Wolcott	46.45	57.19	48.96	50.66	72	30	42	2	9	3	1	3	5	5	9	W.	11	14	6			5	5	Cl'dy.
Fort Armstrong	42.19	55.42	48.83	48.81	78	26	52	1	5	3	4	1	3	2	5	N.W.	20	10	5			6	4	Fair.
West Point	46.80	56.90	51.16	51.62	76	32	44	3	4	4	5	2	6	6	5	N.W.	16	16	10			5	5	Fair.
Fort Columbus	45.54	55.79	45.03	48.78	75	30	46	3	3	4	-	6	6	6	14	S.W.	23	4	4			4	4	Fair.
Fort Trumbull	48.06	66.22	50.64	51.64	75	31	44	1	7	-	1	18	1	1	3	S.	16	12	3			3	3	Fair.
Fort Leavenworth	45.03	67.67	50.00	54.23	80	26	54	1	7	-	1	1	1	1	1	S.	16	12	3			3	3	Fair.

No. X. OCTOBER—CONTINUED.

PLACES OF OBSERVATION.	THERMOMETER.					WINDS.							WEATHER.											
	Mean Temperature.		Aggregate Mean Temperature.	Highest degree.	Lowest degree.	Range.	N.	N.W.	N.E.	E.	S.E.	S.	S.W.	W.	Prevaling.	Fair.	Cldy.	Rain.	Snow.	Days.	Days.	Days.	Prevaling.	
	A. M.	P. M.																						P. M.
							Days		Days		Days		Days											
Fort McHenry	48.03	58.00	52.90	80	42	32	1	15	4	3	5	1	3	3	10	21	4	6	4	21	4	6	6	Fair.
Fort Severn	59.00	60.70	54.54	80	42	38	-	15	2	11	11	-	1	1	10	22	-	9	-	22	-	9	-	Fair.
Washington City	47.67	60.19	52.09	79	34	45	-	15	3	2	3	2	2	2	2	16	8	7	-	16	8	7	-	Fair.
Fort Washington	51.12	64.58	53.87	80	32	48	-	3	2	-	3	19	4	4	6	22	5	4	-	22	5	4	-	Fair.
Jefferson Barracks	49.09	62.51	53.35	80	32	48	-	6	3	-	2	2	4	6	22	22	6	3	-	22	6	3	-	Fair.
Fort Monroe	63.74	67.13	64.35	78	52	26	9	4	2	1	5	5	8	4	1	23	6	2	-	23	6	2	-	Fair.
Fort Gibson	57.03	78.09	62.32	94	31	63	4	2	1	12	2	5	5	2	-	19	7	5	-	19	7	5	-	Fair.
Fort Macon.	61.16	73.03	64.83	82	42	40	5	5	5	3	2	7	7	5	-	19	5	7	-	19	5	7	-	Fair.
Fort Johnston	60.70	72.93	67.58	83	37	46	1	21	4	3	2	7	7	-	29	26	-	2	-	29	-	2	-	Fair.
Fort Towson	53.35	73.25	61.03	87	32	55	3	3	3	1	2	9	9	3	10	26	-	5	-	26	-	5	-	Fair.
Augusta Arsenal	55.48	72.54	63.54	88	32	56	3	7	9	1	2	9	1	4	3	27	2	2	-	27	2	2	-	Fair.
Fort Moultrie	64.38	73.00	68.51	83	42	41	4	4	4	2	4	2	4	3	2	23	6	2	-	23	6	2	-	Fair.
Oglethorpe Barracks	68.70	72.25	69.87	86	52	34	7	5	6	5	1	1	4	4	2	27	2	2	-	27	2	2	-	Fair.
Fort Jesup	63.03	75.61	68.58	88	38	50	2	9	2	7	5	1	1	3	17	16	10	4	-	16	10	4	-	Fair.
Baton Rouge Bar'ks	62.25	77.29	66.29	90	42	48	6	3	5	7	5	-	-	3	4	21	4	6	-	21	4	6	-	Fair.
Fort Pike	67.45	77.48	71.42	87	45	42	1	5	6	10	7	5	-	3	4	28	1	2	-	28	1	2	-	Fair.
Fort King	65.90	81.96	71.03	99	41	58	-	5	13	4	3	4	5	1	-	27	2	2	-	27	2	2	-	Fair.
Key West Barracks	76.00	77.74	76.54	84	67	17	1	-	21	5	4	5	-	-	-	10	9	12	-	10	9	12	-	Cldy.

NOVEMBER.

No. XI.

PLACES OF OBSERVATION.	THERMOMETER.						WINDS.						WEATHER.										
	Mean Temperature.			Aggregate Mean Temperature.	Highest degree.	Lowest degree.	Range.	N. W.	N. E.	E.	S. E.	S.	S. W.	W.	Prevalling.	Fair.	Cl'dy.	Rain.	Snow.	Days.	Days.	Days.	Prevalling.
	A. M.	P. M.	P. M.																				
	VII.	II.	IX.																				
Fort Brady	32.06	38.40	33.16	34.54	50	11	39	4	2	9	-	5	-	3	E.	7	8	11	4	4	Cl'dy.		
Hancock Barracks	26.06	37.26	28.70	30.67	50	10	40	4	13	1	5	1	-	4	N. E.	23	-	-	7	7	Fair.		
Fort Mackinack	33.50	37.63	33.73	34.95	50	14	36	10	8	5	1	2	-	4	N.	12	5	5	1	1	Cl'dy.		
Fort Sullivan	31.03	43.80	36.06	36.96	54	17	37	3	10	3	1	3	2	2	N. W.	19	6	6	2	2	Fair.		
Fort Snelling	36.50	45.33	38.23	40.02	66	14	52	6	8	2	2	9	2	4	S.	17	13	-	2	2	Fair.		
Fort Howard	36.53	45.66	37.60	39.93	62	19	43	8	4	1	1	2	2	6	N. W.	16	10	3	1	2	Fair.		
Fort Preble	32.43	43.53	32.93	36.29	61	21	40	12	5	1	1	2	2	4	S. W.	24	3	1	2	2	Fair.		
Fort Crawford	35.93	49.33	40.73	41.99	76	18	58	1	9	1	2	8	7	7	N. W.	20	9	1	2	2	Fair.		
Fort Constitution	34.46	44.46	38.73	39.21	60	23	37	4	9	4	-	3	5	4	N. W.	10	9	9	9	9	Fair.		
Fort Gratiot	36.03	45.70	39.10	40.27	65	22	43	5	4	8	-	1	13	1	S. W.	11	13	5	1	1	Cl'dy.		
Watervliet Arsenal	33.93	48.53	32.90	38.45	56	10	46	5	4	1	-	5	2	12	S. W.	13	12	4	1	1	Cl'dy.		
Fort Independence	33.33	45.16	39.06	39.18	59	20	39	-	16	6	1	-	6	1	N. W.	13	12	4	1	1	Cl'dy.		
Fort Dearborn	37.10	44.46	40.06	40.54	72	23	39	3	3	3	1	1	9	7	S. W.	12	11	6	1	1	Cl'dy.		
Fort Wolcott	37.30	45.26	38.90	40.48	56	23	33	2	11	4	-	-	7	4	N. W.	11	12	6	1	1	Cl'dy.		
Fort Armstrong	37.23	44.96	40.50	40.89	68	20	48	1	6	6	5	3	5	4	N. E.	13	11	5	5	1	Cl'dy.		
West Point	37.90	45.03	39.53	40.82	56	27	25	31	17	3	2	1	2	1	N. W.	20	13	6	1	1	Fair.		
Fort Trumbull	34.40	46.23	35.36	38.66	58	24	34	4	11	7	-	5	1	-	N. W.	11	13	5	5	1	Fair.		
Fort Columbus	38.00	44.23	40.70	40.99	55	24	31	10	10	5	1	2	1	-	S. W.	19	6	5	5	1	Fair.		
Fort Leavenworth	38.83	51.26	44.76	44.95	78	16	62	4	4	-	-	3	11	4	S.	10	14	5	1	1	Cl'dy.		

DECEMBER.

No. XII.

PLACES	THERMOMETER.										WINDS.										WEATHER.									
	Mean Temperature.					Mean Aggregate	Highest degree.	Lowest degree.	Range.	N.	N.W.	N.E.	E.	S.E.	S.	S.W.	W.	Prevaling.	Days	Fair.	Cl'dy.	Rain.	Snow.	Days	Fair.	Cl'dy.	Prevaling.			
	A. M.	P. M.	P. M.	P. M.	P. M.																									
	VII.	II.	IX.			Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days			
Fort Brady	15.29	22.77	18.22	18.76	38	8	46	4	5	2	8	8	3	1	1	1	S. E.	1	7	8	1	15	7	15	Cl'dy.					
Hancock Barracks	6.06	18.16	9.51	11.24	34	18	52	10	7	10	1	1	1	1	1	1	N.	-	24	-	-	-	7	7	7	Fair.				
Fort Mackinack	19.58	24.16	21.51	21.75	38	6	44	7	4	4	7	1	1	1	1	1	W.	10	7	9	3	4	4	4	4	Cl'dy.				
Fort Sullivan	16.87	25.00	19.41	20.42	40	13	53	6	6	4	3	1	1	1	1	1	W.	10	6	9	3	10	6	6	6	Cl'dy.				
Fort Snelling	18.83	27.09	19.61	21.84	47	18	55	1	9	2	6	6	6	6	6	6	S. W.	3	18	6	1	6	6	6	6	Fair.				
Fort Howard	23.19	31.61	24.61	26.47	46	5	41	11	1	2	2	2	2	2	2	2	N.	6	9	21	-	1	1	1	1	Cl'dy.				
Fort Preble	20.96	28.70	23.35	24.33	50	4	54	10	5	6	1	1	1	1	1	1	N.	8	11	17	-	3	3	3	3	Cl'dy.				
Fort Crawford	22.32	31.90	29.58	27.93	48	3	45	1	13	5	1	1	1	1	1	1	N. W.	6	24	4	-	3	3	3	3	Fair.				
Fort Constitution	23.83	31.58	26.22	27.21	54	6	60	8	9	5	2	2	2	2	2	2	N. W.	9	14	15	1	3	3	3	3	Cl'dy.				
Fort Gratiot	27.03	33.96	30.09	30.36	51	10	41	1	4	4	2	2	2	2	2	2	N. W.	7	14	5	3	9	9	9	9	Cl'dy.				
Watervliet Arsenal	20.83	30.22	22.25	24.43	45	10	55	1	5	4	2	2	2	2	2	2	S. W.	5	8	14	4	5	5	5	5	Cl'dy.				
Fort Independence	21.74	33.93	27.70	27.79	55	6	61	-	17	4	4	4	4	4	4	4	S.	8	10	12	3	6	6	6	6	Cl'dy.				
Fort Dearborn	26.58	33.58	29.22	29.79	48	10	38	1	5	5	3	3	3	3	3	3	N. W.	7	14	8	2	3	3	3	3	Cl'dy.				
Fort Wolcott	28.96	35.93	29.83	31.57	50	2	52	5	8	5	1	1	1	1	1	1	W.	6	10	12	3	6	6	6	6	Cl'dy.				
Fort Armstrong	24.61	34.90	30.51	30.00	47	14	33	3	9	2	5	5	5	5	5	5	S. W.	2	10	12	3	3	3	3	3	Cl'dy.				
West Point	28.12	34.48	29.35	30.31	50	5	45	1	20	4	4	4	4	4	4	4	N. W.	4	16	11	1	1	1	1	1	Fair.				
Fort Trumbull	25.87	34.61	29.12	29.90	50	4	54	3	13	9	1	1	1	1	1	1	N. W.	2	15	11	3	4	4	4	4	Cl'dy.				
Fort Columbus	28.08	33.58	30.64	30.76	49	6	43	-	6	11	5	5	5	5	5	5	N. W.	-	10	11	3	7	7	7	7	Cl'dy.				
Fort Leavenworth	26.03	37.06	28.93	30.67	51	3	48	4	2	5	6	6	6	6	6	6	S. W.	1	23	8	-	1	3	3	3	Fair.				

PLACES OF OBSERVATION.	THERMOMETER.				WINDS.										WEATHER.										
	Mean Temperature.				Aggregate Mean Temperature.	Highest degree.	Lowest degree.	Range.	N.	N.W.	N.E.	E.	S.E.	S.	S.W.	W.	Prevaling.	Fair.	Cl'dy.	Rain.	Snow.	Days	Days	Days	Prevaling.
	A. M.	P. M.	P. M.	P. M.																					
	VII.	II.	IX.																						
Fort McHenry	32.58	40.96	36.03	36.52	65	16	49	1	10	7	-	4	-	4	5	N.W.	13	13	3	2	Cl'dy.				
Fort Severn	33.87	40.83	35.80	36.83	56	12	44	-	18	4	-	-	-	7	2	N.W.	9	14	3	5	Cl'dy.				
Washington City	33.45	40.74	35.45	36.54	53	22	31	3	12	5	1	2	3	5	-	N.W.	13	11	3	4	Cl'dy.				
Fort Washington	35.12	42.41	36.29	37.94	55	15	40	1	8	3	-	1	3	12	3	S.W.	16	13	-	2	Cl'dy.				
Jefferson Barracks	27.83	37.83	31.70	32.45	55	9	46	2	10	2	1	1	3	5	7	N.W.	18	9	3	1	Fair.				
Fort Monroe	42.00	49.42	46.54	45.98	62	26	36	9	2	11	7	3	2	6	-	N.E.	14	11	6	5	Cl'dy.				
Fort Gibson	32.58	52.87	37.74	41.06	62	18	44	6	2	1	-	1	-	8	-	W.	18	6	5	2	Fair.				
Fort Macon	47.74	56.12	50.64	51.50	68	34	34	10	5	7	-	1	-	2	-	N.	15	5	11	-	Cl'dy.				
Fort Johnston	44.67	55.70	48.25	49.54	63	31	37	1	7	18	-	3	1	2	16	N.E.	22	-	9	-	Fair.				
Fort Towson	31.70	53.19	41.70	42.19	65	21	44	2	6	1	-	3	1	4	2	W.	23	2	7	-	Fair.				
Augusta Arsenal	44.03	54.77	48.90	49.23	74	30	44	1	4	2	4	5	1	5	4	N.E.	13	13	5	-	Cl'dy.				
Fort Moultrie	49.45	58.25	51.74	53.14	72	39	33	4	2	8	5	3	3	5	2	N.E.	15	11	5	-	Cl'dy.				
Oglethorpe Barracks	55.41	61.67	57.80	58.29	74	44	30	6	9	5	2	4	-	6	3	N.W.	16	11	4	-	Fair.				
Fort Jesup	42.22	59.32	48.93	50.15	78	30	42	11	6	4	2	4	2	6	6	N.	16	15	9	-	Fair.				
Baton Rouge Bar'ks	48.48	60.51	57.06	55.35	76	34	42	6	2	9	4	4	1	1	4	N.E.	16	6	6	9	Fair.				
Fort Pike	51.61	62.38	56.03	56.67	78	34	44	4	2	4	2	7	1	2	9	W.	20	8	3	3	Fair.				
Fort King	51.67	74.80	58.58	61.68	83	35	48	1	13	4	2	5	3	2	1	N.W.	23	5	3	-	Fair.				
Key West Barracks	69.58	71.32	70.67	70.52	77	61	16	6	5	11	8	1	-	-	-	N.E.	27	1	3	-	Fair.				

MEAN OF OBSER

PLACES OF OBSERVATION.	THERMOMETER.								
	Mean Temperature.								Highest de- gree.
	Year.	Winter.	Spring.	Summer.	Autumn.	A. M.	P. M.	P. M.	
						VII.	II.	IX.	
Fort Brady	41.43	19.38	39.99	63.68	42.67	37.86	48.53	37.10	91
Hancock Barracks	40.49	15.09	39.14	63.85	43.89	34.09	48.75	38.71	92
Fort Mackinack	42.46	24.48	37.04	64.71	43.63	37.70	45.09	39.46	82
Fort Sullivan	43.14	23.29	41.40	60.68	47.20	39.01	49.81	40.64	89
Fort Snelling	47.18	29.87	48.58	72.69	47.60	42.60	53.69	44.98	90
Fort Howard	46.88	23.10	46.10	69.98	48.37	42.30	54.15	44.21	96
Fort Preble	46.12	24.84	43.56	67.29	48.82	41.31	54.21	42.48	96
Fort Crawford	50.14	23.38	51.60	75.60	50.04	43.89	57.25	49.35	98
Fort Constitution	46.74	27.31	46.45	64.36	48.87	41.91	50.80	42.15	92
Fort Gratiot	48.57	28.71	46.90	70.01	49.66	45.41	54.32	46.72	98
Watervliet Arsenal	50.67	25.95	47.41	76.30	53.03	44.41	56.44	46.18	93
Fort Independence	48.03	28.74	44.73	68.13	50.53	41.82	54.78	48.03	96
Fort Dearborn	48.05	26.12	46.98	69.85	49.27	44.37	53.06	46.62	92
Fort Wolcott	48.39	31.21	45.18	65.60	51.59	44.13	55.20	46.61	92
Fort Armstrong	49.43	26.33	51.07	70.53	49.78	44.08	56.34	49.94	94
West Point	51.78	30.83	50.63	73.06	52.61	46.57	57.72	50.38	100
Fort Trumbull	51.31	31.03	48.63	74.77	50.84	46.46	57.20	47.89	93
Fort Columbus	50.52	33.19	48.18	68.45	52.27	47.77	56.62	48.58	94
Fort Leavenworth	52.80	26.66	54.97	76.04	53.56	44.93	63.24	48.91	105
Fort McHenry	55.68	36.79	54.49	76.55	54.89	51.10	60.52	55.45	100
Fort Severn	55.28	35.87	53.06	76.94	55.18	51.52	60.07	53.04	99
Washington City	55.54	36.50	55.00	76.03	54.64	50.64	62.14	54.52	97
Fort Washington	57.25	38.24	55.02	78.73	57.03	52.89	64.05	55.48	97
Jefferson Barracks	56.23	32.67	57.55	79.66	55.05	50.91	63.17	54.58	101
Fort Monroe	60.64	42.80	57.23	78.53	64.00	57.68	64.09	60.37	92
Fort Gibson	63.16	39.84	64.24	83.69	64.88	55.73	74.34	59.27	116
Fort Macon	64.92	48.21	63.42	81.30	66.76	62.06	70.05	62.75	96
Fort Johnston	64.62	48.71	62.94	80.69	66.14	61.34	69.31	63.31	89
Fort Towson	61.91	41.60	63.12	80.68	62.26	55.79	70.25	60.84	94
Augusta Arsenal	65.42	51.83	62.18	83.78	63.91	59.77	71.90	64.55	97
Fort Moultrie	66.64	53.41	64.32	80.70	68.15	63.39	70.59	66.14	91
Oglethorpe Barracks	70.21	58.47	68.57	82.87	70.94	67.03	73.59	69.53	93
Fort Jesup	67.65	51.90	68.53	82.35	67.85	61.98	74.13	66.87	92
Baton Rouge Bar'ks	68.98	54.77	69.65	83.28	68.24	63.64	75.37	67.77	98
Fort Pike	70.20	55.65	70.75	83.40	71.00	66.59	75.63	68.41	93
Fort King	73.70	66.68	72.27	83.37	72.50	66.65	82.52	69.54	104
Key West Barracks	76.00	71.55	73.51	82.82	76.15	75.34	77.64	76.53	88

VARIATIONS FOR 1834.

Lowest de- gree.	Range for the year.	Mean monthly range.	WINDS.									WEATHER.								
			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.	Days.	Days.	Days.	Days.	Days.	Days.
-12	103	46.3	30	109	22	34	84	19	35	32	N.W.	141	58	97	69	Cl'dy.				
-18	110	49.9	25	51	119	9	77	63	20	1	N. E.	241	19	74	31	Fair.				
-5	77	39.2	46	110	2	60	37	26	11	73	N. E.	214	95	37	19	Fair.				
-13	102	46.	39	44	18	20	15	136	20	73	S.	203	72	61	29	Fair.				
-30	120	48.	30	101	15	10	37	72	56	44	N.W.	224	59	64	18	Fair.				
-20	116	46.7	46	17	58	28	17	97	34	68	S.	203	39	16	7	Fair.				
-12	108	45.	43	37	28	36	13	42	50	116	W.	185	118	50	13	Fair.				
-28	126	49.2	16	103	4	10	11	16	113	92	S.W.	253	38	57	17	Fair.				
-6	98	42.4	20	72	57	14	21	83	58	40	S.	222	111	26	6	Fair.				
-9	107	45.7	14	60	66	6	27	25	147	20	S.W.	189	38	96	42	Fair.				
-32	125	48.8	37	80	13	4	37	85	41	68	S.	191	99	60	15	Fair.				
-6	102	46.2	2	105	53	32	55	-	107	11	S.W.	163	115	72	15	Cl'dy.				
-18	120	44.	65	37	47	24	40	33	62	57	N.	186	89	68	22	Fair.				
-2	94	41.	15	93	62	5	40	9	129	12	S.W.	168	99	81	17	Cl'dy.				
-20	114	42.9	32	50	38	60	18	58	47	62	E.	145	125	75	20	Cl'dy.				
5	95	44.7	7	150	16	9	37	103	31	12	S.	220	55	73	17	Fair.				
-4	97	42.6	22	73	55	33	45	56	55	26	N.W.	191	108	53	13	Fair.				
8	86	39.6	10	65	69	6	45	32	89	24	S.W.	180	123	36	*1	Fair.				
-30	135	54.8	66	39	12	15	26	167	13	27	S.	199	124	32	10	Fair.				
10	90	41.7	9	94	51	20	73	22	55	41	N.W.	226	74	61	4	Fair.				
10	89	37.4	24	117	40	18	62	28	48	28	N.W.	200	63	88	14	Fair.				
-8	89	40.7	21	134	54	9	31	40	63	13	N.W.	205	79	73	8	Fair.				
9	88	42.8	8	42	15	5	26	164	76	29	S.	251	61	47	6	Fair.				
-11	112	47.6	17	70	21	19	29	81	51	77	S.	236	91	36	2	Fair.				
17	75	31.5	58	30	87	28	34	56	56	16	N. E.	201	110	51	3	Fair.				
-7	123	53.9	21	42	15	124	84	22	16	41	E.	211	70	76	8	Fair.				
20	76	34.5	57	44	46	26	34	38	105	15	S.W.	208	52	105	-	Fair.				
19	70	33.6	17	24	148	8	21	104	40	3	N. E.	278	21	65	1	Fair.				
-3	97	41.4	24	33	30	20	36	111	54	57	S.	250	72	40	2	Fair.				
23	74	41.3	30	69	45	34	48	23	59	57	N.W.	187	80	98	-	Fair.				
29	62	30.1	17	27	90	31	66	56	59	19	N. E.	224	95	46	-	Fair.				
28	65	30.9	31	61	60	23	73	60	38	19	S. E.	256	58	51	-	Fair.				
11	81	40.6	78	33	67	37	27	22	71	30	N.	221	136	6	2	Fair.				
17	81	37.3	33	35	45	60	36	42	68	46	S.W.	191	42	132	-	Fair.				
22	71	36.3	27	47	47	75	50	31	34	54	E.	219	110	35	1	Fair.				
28	76	44.5	5	37	42	27	56	103	80	15	S.	300	35	30	-	Fair.				
58	30	14.5	17	53	128	51	93	12	6	5	N. E.	190	119	56	-	Fair.				

* Mean of 340 days.

JANUARY—CONTINUED.

No. I.

PLACES or OBSERVATION.	THERMOMETER.				Lowest Degree.	Highest Degree.	Range.	WINDS.								WEATHER.																			
	Mean Temperature.							Days	N.	N.W.	N.E.	S.E.	S.	S.W.	W.	Prevaling.	Days	Fair.	Cl'dy.	Rain.	Snow.														
	A. M.	P. M.	P. M.	P. M.																		Days	N.	N.W.	N.E.	S.E.	S.	S.W.	W.	Prevaling.	Days	Fair.	Cl'dy.	Rain.	Snow.
Fort Columbus	25.61	34.00	28.51	29.37	4	9	6	1	2	5	5	1	5	5	23	5	3	3	Fair.																
Fort McHenry	26.12	37.90	31.45	31.82	3	12	9	1	9	2	1	2	1	3	24	7	3	3	Fair.																
Washington City	25.67	36.00	28.80	30.15	7	9	2	5	2	1	4	3	2	2	21	7	3	3	Fair.																
Jefferson Barracks	29.03	38.93	32.96	33.64	4	4	4	2	2	4	3	2	3	6	16	9	2	2	Fair.																
Fort Monroe	39.12	46.09	42.38	42.53	1	4	5	1	2	4	2	1	2	3	18	11	2	4	Fair.																
Fort Gibson	36.30	50.06	40.64	42.33	4	5	1	15	3	4	2	1	2	6	6	15	6	4	Cl'dy.																
Fort Macon	41.74	49.48	42.45	44.55	8	5	1	5	4	4	8	1	1	1	15	6	9	1	Cl'dy.																
Fort Johnston	40.09	52.16	44.03	45.42	4	5	11	1	1	7	6	1	3	12	17	5	8	1	Fair.																
Fort Townson	37.67	52.29	42.96	44.30	1	4	4	1	1	6	3	5	2	1	16	7	5	5	Fair.																
Augusta Arsenal	38.77	53.00	46.00	45.92	2	7	6	1	1	7	8	2	3	2	15	7	6	3	Cl'dy.																
Fort Moultrie	43.29	51.35	45.90	46.84	6	4	4	4	4	1	5	2	2	3	15	12	4	4	Cl'dy.																
Ogiethorpe Barracks	49.03	57.09	51.93	52.68	4	5	2	1	4	5	6	5	6	5	20	7	3	3	Fair.																
Fort Jesup	42.16	60.00	48.48	50.21	15	3	2	1	1	6	5	2	1	1	21	10	7	1	Fair.																
Baton Rouge Bar'ks	54.16	59.25	52.16	55.19	7	5	2	10	6	4	5	1	5	1	16	8	7	1	Fair.																
Fort Wood, La.	48.32	54.96	51.67	51.65	1	2	3	3	4	3	4	2	2	4	16	10	10	2	Fair.																
Fort King	48.93	68.93	52.48	56.78	3	2	7	4	5	6	4	2	4	2	22	9	9	1	Fair.																

* For 28 days.

FEBRUARY.

No. II.

PLACES OF OBSERVATION.	THERMOMETER.				Range.	WINDS.							WEATHER.																			
	Mean Temperature.					Highest degree.	N.	N.W.	N.E.	E.	S.E.	S.	S.W.	W.	Prevaling.	Fair.	Cl'dy.	Rain.	Snow.													
	A. M.	P. M.	P. M.	IX.																Aggregate Mean Temperature.	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days
Fort Brady	2.03	19.39	8.78	10.06	44	56	5	3	5	4	4	5	5	14	6	1	7	Fair.														
Hancock Barracks	7.00	20.71	13.46	13.72	38	-12	3	4	2	3	2	3	6	22	-	1	5	Fair.														
Fort Mackinack	5.57	15.21	9.46	10.08	42	-23	4	6	15	2	1	2	8	16	8	4	4	Fair.														
Fort Sullivan	18.17	25.80	22.64	22.20	36	-3	6	3	1	2	6	2	4	15	2	4	7	Fair.														
Fort Snelling	3.60	16.14	8.10	9.28	49	-30	2	5	1	-	6	6	4	19	3	1	5	Fair.														
Fort Howard	5.21	20.82	9.32	11.78	46	-23	6	9	1	-	7	5	4	18	10	-	4	Fair.														
Fort Winnebago	1.50	15.06	5.59	7.38	40	-26	5	8	2	4	1	1	3	19	5	-	4	Fair.														
Fort Preble	17.32	26.92	19.50	21.24	42	-3	8	2	4	1	2	6	4	14	9	1	4	Fair.														
Fort Crawford	3.25	16.03	9.14	9.47	42	-26	5	10	1	7	4	2	7	13	10	2	4	Fair.														
Fort Constitution	22.07	28.00	22.60	24.22	44	0	4	6	1	1	4	2	4	10	8	2	4	Fair.														
Fort Gratiot	14.85	25.75	28.50	23.06	44	7	1	3	6	-	1	8	1	14	6	1	7	Cl'dy.														
Watervliet Arsenal	16.85	26.42	17.50	20.25	47	-6	3	9	6	2	3	6	6	11	11	1	2	Fair.														
Fort Dearborn	9.57	19.75	13.14	14.15	45	-22	1	10	2	1	4	1	8	16	10	3	6	Cl'dy.														
Fort Wolcott	23.21	33.03	25.16	27.13	52	6	4	6	6	-	2	5	3	8	11	3	6	Cl'dy.														
Fort Armstrong	5.10	17.89	10.85	11.28	52	-24	1	12	5	2	1	5	3	18	9	2	4	Fair.														
West Point	21.92	29.50	24.79	25.40	52	5	4	7	1	1	2	1	5	14	8	1	4	Fair.														
Fort Trumbull	23.07	31.96	25.03	26.68	49	-1	6	12	8	-	1	-	-	7	11	5	5	Cl'dy.														

No. II. FEBRUARY—CONTINUED.

PLACES of OBSERVATION.	THERMOMETER.				WINDS.				WEATHER.											
	Mean Temperature.				Highest degree.	Lowest degree.	Range.	N. N.W. N.E. E. S.E. S. S.W. W.		Prevalling.	Fair. Cl'dy. Rain. Snow.		Prevalling.							
	A. M.		P. M.					Days			Days			Days		Days				
	VII.	II.	IX.	Aggregate Mean Temperature.	Days	Days	Days	Days	Days	Days	Days	Days	Days							
Fort Columbus	23.71	31.46	26.50	27.22	50	5	45	3	4	5	1	1	1	1	9	17	2	2	Cl'dy.	
Fort McHenry	25.00	33.39	28.89	29.09	56	4	60	-	13	8	1	-	2	3	5	10	11	6	Cl'dy.	
Washington City	24.35	33.89	28.80	29.01	56	-	58	-	14	5	-	-	2	7	1	12	9	1	6	Cl'dy.
Jefferson Barracks	15.29	28.21	21.75	21.75	58	-	76	9	8	-	3	-	4	1	3	18	8	-	2	Fair.
Fort Monroe	31.10	37.46	34.28	34.28	60	4	56	5	2	10	-	1	3	7	-	19	2	5	2	Fair.
Fort Gibson	23.14	43.25	31.85	32.74	71	-	77	7	4	-	13	1	2	-	1	21	1	2	4	Fair.
Fort Macon	39.35	44.64	39.28	41.09	56	20	36	6	6	3	1	2	4	5	-	15	3	8	2	Fair.
Fort Johnston	33.67	47.46	38.64	39.92	66	3	63	1	8	4	2	2	3	1	3	19	2	5	-	Fair.
Fort Towson	26.18	43.80	34.85	34.94	71	0	71	12	4	3	2	1	3	4	3	22	4	1	4	Fair.
Augusta Arsenal	32.71	46.89	39.20	39.60	75	-	77	-	8	5	4	1	6	4	1	15	3	6	1	Fair.
Fort Moultrie	30.78	46.85	42.80	40.14	67	2	61	3	4	7	1	1	3	4	2	17	7	4	-	Fair.
Oglethorpe Barracks	45.78	54.00	49.35	49.71	74	16	58	5	7	4	1	1	3	3	2	20	6	2	-	Fair.
Fort Jesup	36.64	50.78	43.50	43.64	76	8	68	20	2	1	-	-	2	2	7	13	13	6	-	Fair.
Baton Rouge Bar'ks	38.11	54.21	44.25	45.52	76	10	66	1	13	3	-	-	2	7	19	19	3	6	-	Fair.
Fort Wood, La.	44.60	53.00	51.32	49.64	75	14	61	1	6	3	1	1	7	5	19	19	7	2	-	Fair.
Fort King	41.46	69.14	48.00	52.86	84	11	73	6	5	5	-	-	2	2	22	22	5	1	-	Fair.

MARCH.

No. III.

PLACES OF OBSERVATION.	THERMOMETER.				WINDS.				WEATHER.												
	Mean Temperature.				Highest degree.	Lowest degree.	Range.	N. W.	N. E.	S. E.	S. W.	W.	Fair.	Cl'dy.	Rain.	Snow.	Days	Days	Days	Days	Prevaling.
	A. M.		P. M.																		
	A. M.	P. M.	P. M.	A. M.																	
Fort Brady	16.00	36.96	22.48	25.14	59	-10	69	1	11	3	8	1	3	3	20	2	3	6	6	Fair.	
Hancock Barracks	15.96	30.12	23.77	23.28	40	-15	55	3	4	1	1	3	3	3	17	1	5	8	8	Fair.	
Fort Mackinack	20.61	30.09	23.70	24.80	44	-12	56	2	4	2	6	4	1	10	19	8	1	3	7	Fair.	
Fort Sullivan	24.38	36.00	27.83	29.40	48	6	42	4	4	2	8	9	1	7	14	7	1	3	3	Cl'dy.	
Fort Snelling	25.70	40.77	31.70	32.72	62	9	71	3	3	8	6	5	6	3	20	5	3	3	3	Fair.	
Fort Howard	24.32	42.32	29.22	31.95	68	5	69	7	1	7	2	6	5	3	20	10	1	2	4	Fair.	
Fort Winnebago	24.38	40.09	28.03	30.83	64	3	69	10	5	1	10	4	6	8	23	6	3	4	2	Fair.	
Fort Preble	25.48	37.32	28.70	30.50	55	3	52	4	3	8	1	4	3	8	16	8	3	4	4	Fair.	
Fort Crawford	28.03	43.90	35.29	35.74	75	4	79	3	13	2	1	2	8	2	21	5	2	3	5	Fair.	
Fort Constitution	27.54	36.87	30.22	31.54	54	6	48	2	6	7	1	1	5	2	17	7	4	5	1	Fair.	
Fort Gratiot	26.77	39.12	32.96	32.95	61	4	65	2	6	9	1	1	11	2	15	7	7	4	5	Cl'dy.	
Watervliet Arsenal	25.48	41.51	28.58	31.85	61	3	58	5	12	2	2	4	4	2	21	6	3	3	1	Fair.	
Fort Dearborn	27.38	37.87	31.58	32.27	63	1	62	7	7	2	1	9	5	2	14	13	6	9	4	Cl'dy.	
Fort Wolcott	27.48	39.80	30.80	32.69	57	4	53	2	6	7	1	3	11	2	12	6	2	2	1	Cl'dy.	
Fort Armstrong	28.70	41.80	35.16	35.22	66	4	62	3	9	2	1	2	7	2	18	10	2	1	4	Fair.	
West Point	31.00	43.48	34.74	36.40	62	10	52	4	23	3	1	1	1	1	23	4	4	4	2	Fair.	
Fort Trumbull	30.03	40.64	31.70	34.12	56	1	57	4	13	12	2	1	2	2	13	11	5	2	4	Cl'dy.	

MARCH—CONTINUED.

No. III.

PLACES OF OBSERVATION.	THERMOMETER.			WINDS.							WEATHER.											
	Mean Temperature.			Highest degree.	Lowest degree.	Range.	N. W.		N. E.		S. E.		S. W.		Prevalling.							
	A. M.	P. M.	P. M.				Days	Days	Days	Days	Days	Days	Days	Days		Days						
	VII.	II.	IX.	N. W. N. E.		E. S. E.		S. W. W.		Fair. Cloudy.		Rain. Snow.		Prevalling.								
Fort Columbus	31.09	41.38	34.32	58	11	47	2	8	6	-	1	1	10	4	S. W.	16	11	2	2	2	2	Fair.
Fort McHenry	34.80	47.06	41.19	67	4	63	-	11	5	6	3	3	3	4	N. W.	23	4	2	2	3	3	Fair.
Washington City	34.16	47.67	42.29	68	-	73	5	4	4	-	8	8	3	-	N. W.	17	1	1	10	2	3	Fair.
Jefferson Barracks	34.80	50.32	40.96	76	16	66	5	4	1	1	4	4	3	6	S.	23	5	2	2	1	1	Fair.
Fort Monroe	42.09	50.41	44.80	69	16	53	2	7	10	1	3	5	1	3	N. E.	21	4	6	6	1	1	Fair.
Fort Gibson	43.90	59.16	50.51	88	22	66	4	3	1	8	4	7	1	2	N. E.	19	3	4	7	2	2	Fair.
Fort Macon	45.64	58.83	47.87	80	26	34	4	5	8	2	4	4	8	1	N. W.	20	4	4	5	3	2	Fair.
Fort Johnston	45.45	57.58	49.03	75	23	52	9	2	10	1	2	9	6	1	N. E.	24	2	2	7	2	2	Fair.
Fort Towson	43.48	59.29	50.61	80	26	54	1	1	1	1	11	1	6	8	S.	18	-	4	6	2	2	Fair.
Augusta Arsenal	43.58	58.09	50.64	78	20	58	1	3	3	2	4	4	14	4	S. W.	19	4	6	3	2	2	Fair.
Fort Moultrie	47.71	55.32	52.00	69	26	43	3	2	10	2	3	6	9	3	N. E.	20	8	8	3	4	3	Fair.
Ogthehorpe Barracks	55.25	64.38	59.29	80	30	50	3	2	3	3	2	7	6	6	S. W.	24	3	3	4	-	-	Fair.
Fort Jesup	46.61	63.93	55.50	84	25	59	11	3	3	3	2	7	2	3	N. W.	17	14	14	8	-	-	Fair.
Baton Rouge Bar'ks	50.09	63.51	55.55	83	30	53	1	5	1	9	6	1	2	6	E.	16	7	7	8	-	-	Fair.
Fort Wood, La.	54.83	64.16	62.29	83	33	46	1	3	1	4	7	3	3	9	W.	17	8	6	6	-	-	Fair.
Fort King	50.70	74.38	58.51	93	27	66	2	5	2	8	2	2	6	6	E.	25	9	6	6	-	-	Fair.

APRIL.

No. IV.

PLACES OF OBSERVATION.	THERMOMETER.				Range.	Highest degree.	Lowest degree.	WINDS.						WEATHER.												
	Mean Temperature.							Prevaling.	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days								
	Aggregate		Prevaling.																S. E.	S.	S. W.	W.	Fair.	Cl'dy.	Rain.	Snow.
	VII.	II.	VIII.	IX.																						
A. M.	P. M.	P. M.	P. M.	N. W.	N. E.	E.	S. E.	S.	S. W.	W.	Prevaling.	Fair.	Cl'dy.	Rain.	Snow.											
Fort Brady	34.43	47.30	33.30	38.34	16	49	1	11	3	4	5	1	1	22	3	5	Fair.									
Hancock Barracks	32.23	43.66	35.33	37.07	16	39	2	1	16	4	3	2	4	12	3	11	Cl'dy.									
Fort Mackinack	33.63	40.50	33.90	36.01	16	48	1	8	1	9	3	1	2	17	8	2	Fair.									
Fort Sullivan	35.26	41.63	37.46	38.11	20	40	1	5	3	4	3	1	8	12	4	6	Cl'dy.									
Fort Snelling	38.43	51.83	41.73	43.99	22	55	2	10	2	2	2	4	9	14	7	6	Cl'dy.									
Fort Howard	36.30	52.83	40.06	43.06	20	53	5	2	4	1	1	7	5	18	11	1	Fair.									
Fort Winnebago	39.40	51.10	38.76	43.08	18	57	8	5	1	5	4	2	8	18	8	3	Fair.									
Fort Preble	36.60	48.50	37.70	40.93	22	43	1	2	1	5	4	2	5	17	4	7	Fair.									
Fort Crawford	39.03	46.60	39.86	41.83	22	54	3	11	1	1	1	1	6	18	7	3	Fair.									
Fort Constitution	41.36	50.43	42.03	44.60	24	54	2	7	4	3	1	1	9	17	10	3	Fair.									
Fort Gratiot	38.10	52.13	41.06	43.99	22	48	1	6	11	1	3	1	4	10	13	2	Cl'dy.									
Watervliet Arsenal	38.80	48.83	41.50	42.91	23	50	10	3	3	5	7	1	12	12	12	4	Cl'dy.									
Fort Dearborn	35.70	48.96	39.67	41.44	27	37	1	2	3	3	5	1	12	13	5	12	Fair.									
Fort Wolcott	38.86	53.26	44.86	45.66	23	55	5	5	9	2	2	6	5	11	7	1	Fair.									
Fort Armstrong	41.86	52.40	45.93	46.73	30	40	1	13	1	1	6	5	5	19	3	7	Fair.									
West Point	41.10	50.53	42.20	44.61	26	38	2	11	9	1	6	2	2	10	7	12	Cl'dy.									

MAY.

No. V.

PLACES	THERMOMETER.						WINDS.						WEATHER.									
	Mean Temperature.						Highest degree.	Lowest degree.	Range.	N.	N.W.	N.E.	E.	S.E.	S.	S.W.	W.	Prevaling.	Fair.	Cl'dy.	Rain.	Snow.
	A. M.		P. M.		P. M.																	
	VII.	II.	VII.	II.	P. M.	P. M.	IX.															
Fort Brady	49.41	61.48	46.22	52.37	73	40	33	1	12	2	10	2	10	2	1	3	N.W.	21	1	7	2	Fair.
Hancock Barracks	40.00	55.22	46.32	47.18	74	29	45	2	2	4	10	4	10	9	1	-	S.E.	20	4	7	-	Fair.
Fort Mackinack	49.30	52.30	41.60	47.73	68	34	34	1	1	11	1	-	9	9	2	9	E.	21	7	3	-	Fair.
Fort Sullivan	45.00	56.70	45.58	49.09	76	38	38	2	2	2	10	2	10	2	6	6	S.W.	23	4	4	-	Fair.
Fort Snelling	57.70	70.35	59.64	62.56	81	41	40	1	4	5	3	4	5	7	4	2	N.	19	2	10	-	Fair.
Fort Howard	53.45	72.74	53.76	59.98	94	38	56	1	8	3	4	2	1	10	3	5	S.	23	2	4	-	Fair.
Fort Winnebago	54.71	67.80	54.32	58.94	84	34	50	3	3	5	3	4	1	10	8	13	S.W.	20	5	6	-	Fair.
Fort Preble	48.09	62.06	49.19	53.08	79	39	40	4	4	2	4	2	3	5	10	7	W.	22	4	5	-	Fair.
Fort Crawford	59.80	71.48	62.45	64.57	86	42	44	-	4	2	4	2	2	12	1	5	S.W.	20	9	2	-	Fair.
Fort Constitution	51.00	57.38	49.41	52.59	79	39	40	1	3	9	1	1	15	1	15	1	S.W.	20	9	9	-	Fair.
Fort Gratiot	55.79	63.90	54.54	58.07	88	36	52	1	1	7	3	3	9	1	5	9	W.	20	2	7	-	Fair.
Watervliet Arsenal	54.48	67.16	54.90	58.84	88	41	47	1	7	3	3	2	1	5	3	2	N.	19	5	5	-	Fair.
Fort Dearborn	52.50	60.00	53.16	55.22	82	37	45	15	5	3	3	2	6	5	13	3	S.W.	5	22	4	-	Cl'dy.
Fort Wolcott	48.45	63.06	49.96	53.82	83	39	44	1	5	3	3	1	6	6	5	3	S.W.	16	7	8	-	Fair.
Fort Armstrong	54.51	68.70	57.19	60.10	82	40	42	2	3	3	2	1	7	6	5	3	S.E.	10	14	7	-	Cl'dy.
West Point	54.83	66.70	57.58	59.70	92	43	49	8	8	2	1	1	7	1	14	4	S.W.	26	9	3	-	Fair.
Fort Trumbull	54.22	64.32	55.25	57.93	87	39	48	1	5	6	7	1	7	2	10	-	S.W.	15	9	7	-	Cl'dy.

OBSERVATION.

07

No. VI. JUNE—CONTINUED.

PLACES	THERMOMETER.		WINDS.	WEATHER.	Prevaling.											
	Mean Temperature.					Winds.	Weather.									
	A.M.	P.M.														
Fort Columbus	63.36	76.20	61.80	67.12	86	51	35	4	3	7	5	4	19	10	1	Fair.
Fort McHenry	66.43	76.73	70.40	71.18	87	48	39	10	2	4	4	3	20	5	5	Fair.
Washington City	71.93	81.70	71.80	75.14	94	58	36	4	5	4	6	3	19	1	10	Fair.
Jefferson Barracks	70.20	81.23	72.00	74.47	94	46	48	15	3	8	3	6	20	8	2	Fair.
Fort Monroe	72.23	77.26	65.51	71.66	85	66	19	4	5	4	5	8	21	5	4	Fair.
Fort Gibson	65.20	79.05	69.54	71.26	95	63	32	3	6	3	6	4	20	4	6	Fair.
Fort Macon	75.50	78.50	79.00	77.66	82	72	17	6	3	6	6	7	23	4	4	Fair.
Fort Johnston	76.40	84.02	77.36	79.26	89	72	17	1	5	6	7	12	29	2	1	Fair.
Fort Towson	72.63	84.06	73.93	76.87	94	60	34	1	4	1	24	1	20	2	8	Fair.
Augusta Arsenal	73.13	88.80	77.06	79.66	94	60	34	4	4	8	1	4	18	4	4	Fair.
Fort Moultrie	77.90	82.33	79.03	79.75	88	73	15	2	2	2	5	2	22	4	4	Fair.
Oglethorpe Barracks	76.93	82.06	77.46	78.81	90	72	18	2	6	6	8	3	19	8	3	Fair.
Fort Jesup	76.40	86.83	78.36	80.53	91	70	21	1	3	3	3	8	19	2	9	Fair.
Baton Rouge Bar'ks	79.23	87.16	76.90	81.09	94	70	24	3	5	7	12	1	9	14	7	Cl'dy.
Fort Wood, La.	80.76	87.10	77.53	81.76	97	71	26	2	2	4	6	9	8	6	16	Cl'dy.
Fort King	74.40	83.03	77.80	78.41	90	68	22	13	3	3	3	3	12	8	10	Cl'dy.

JULY.

No. VII.

PLACES or OBSERVATION.	THERMOMETER.						WINDS.						WEATHER.											
	Mean Temperature.			Aggregate	Highest degree.	Lowest degree.	Range.	N. N.W.	N.E.	E.	S.E.	S.	S.W.	W.	Fair.	Cldy.	Rain.	Snow.	Days	Days	Days	Days	Prevaling.	
	A. M.	P. M.	P. M.																					
	VII.	II.	IX.																					
Fort Brady	62.58	72.96	57.35	64.29	87	50	37	1	14	-	1	3	4	5	3	3	22	-	-	9	-	-	-	Fair.
Hancock Barracks	58.41	72.74	63.83	64.99	80	47	33	2	1	1	10	8	8	3	3	3	21	-	-	10	-	-	-	Fair.
Fort Mackinack	60.58	68.90	59.03	62.83	84	46	38	3	14	-	2	2	2	1	2	6	19	-	-	10	-	-	-	Fair.
Fort Sullivan	57.22	66.25	58.03	60.50	84	52	32	3	7	1	1	20	6	3	2	2	18	-	-	6	-	-	-	Fair.
Fort Snelling	66.93	77.74	67.29	70.65	92	54	38	2	2	1	5	6	6	5	2	2	20	-	-	10	-	-	-	Fair.
Fort Howard	64.74	81.03	63.74	69.83	96	52	44	6	3	2	1	3	9	5	4	4	22	-	-	20	-	-	-	Fair.
Fort Winnebago	63.22	77.03	63.74	67.99	91	50	41	2	8	2	1	3	8	10	7	4	22	-	-	9	-	-	-	Fair.
Fort Preble	64.70	78.16	63.87	68.91	92	51	41	-	1	2	1	2	2	13	8	6	17	-	-	8	-	-	-	Fair.
Fort Crawford	68.54	79.61	73.35	73.83	94	58	36	-	1	2	2	14	4	4	6	6	22	-	-	8	-	-	-	Fair.
Fort Constitution	63.80	71.00	63.12	65.97	88	52	36	-	2	2	1	2	2	10	2	2	21	-	-	10	-	-	-	Fair.
Fort Gratiot	66.87	73.00	65.80	68.55	87	51	36	-	2	2	1	2	2	16	1	1	17	-	-	8	-	-	-	Fair.
Watervliet Arsenal	68.87	80.83	67.09	72.26	92	55	37	-	5	2	10	2	2	2	2	2	6	-	-	22	-	-	-	Cldy.
Fort Dearborn	64.04	74.54	64.41	67.66	92	53	39	10	5	2	1	16	1	1	1	1	6	-	-	22	-	-	-	Fair.
Fort Wolcott	63.70	78.54	65.70	69.31	84	52	32	4	2	1	2	2	8	3	9	5	17	-	-	9	-	-	-	Fair.
Fort Armstrong	64.32	79.67	69.12	71.03	93	56	37	2	6	1	1	3	3	3	3	4	25	-	-	8	-	-	-	Fair.
West Point	70.06	79.67	73.09	74.27	88	57	31	2	2	2	3	2	2	19	5	4	25	-	-	4	-	-	-	Fair.
Fort Trumbull	70.10	80.80	69.10	73.33	88	56	32	1	6	2	4	4	2	7	9	7	16	-	-	8	-	-	-	Fair.

No. VIII.

AUGUST.

PLACES OF OBSERVATION.	THERMOMETER.							WINDS.							WEATHER.									
	Mean Temperature.			Aggregate Mean Temperature.	Highest degree.	Lowest degree.	Range.	N. W.	N. N. E.	E.	S. E.	S.	S. W.	W.	W. W.	Fair.	Cl'dy.	Rain.	Snow.	Days	Days	Days	Days	Prevaling.
	A. M.	P. M.	P. M.																					
	VII.	II.	IX.	Prevaling.																				
Fort Brady	60.03	69.74	57.70	62.49	85	44	39	3	6	3	5	2	2	2	2	16	15	-	-	16	16	16	16	Fair.
Hancock Barracks	56.70	70.80	61.29	62.93	85	42	43	1	1	6	8	3	5	5	5	18	12	-	-	18	18	18	18	Fair.
Fort Mackinack	60.70	67.83	58.29	62.27	84	44	40	2	2	2	3	3	12	12	12	15	14	-	-	15	15	15	15	Cl'dy.
Fort Sullivan	57.45	67.80	53.77	59.67	80	50	30	2	1	3	8	10	7	7	7	23	5	-	-	23	23	23	23	Fair.
Fort Snelling	65.45	74.74	63.83	68.00	89	51	38	2	1	3	7	7	6	6	6	17	14	-	-	17	17	17	17	Fair.
Fort Howard	61.87	78.61	61.48	67.32	93	50	43	6	4	4	8	1	6	6	6	18	12	-	-	18	18	18	18	Fair.
Fort Winnebago	58.51	74.19	60.35	64.35	88	47	41	1	1	1	4	4	8	8	8	20	4	-	-	20	20	20	20	Fair.
Fort Preble	65.22	78.32	67.29	70.25	92	50	42	2	2	2	3	3	10	10	10	23	5	-	-	23	23	23	23	Fair.
Fort Constitution	60.83	69.12	60.03	63.32	83	52	31	1	1	2	12	13	9	9	9	21	4	-	-	21	21	21	21	Fair.
Fort Gratiot	65.32	72.29	63.00	66.87	89	49	40	-	2	2	1	17	7	7	22	7	-	-	22	22	22	22	22	Fair.
Waterviet Arsenal	66.29	74.67	65.54	68.83	88	54	34	-	3	3	10	13	2	2	2	19	1	-	-	19	19	19	19	Fair.
Fort Dearborn	61.32	72.35	64.09	65.92	88	46	42	8	3	7	3	5	2	2	9	9	16	3	-	9	9	9	9	Cl'dy.
Fort Wolcott	63.64	75.74	65.83	68.40	85	50	35	-	1	1	5	23	5	5	18	18	3	-	-	18	18	18	18	Fair.
Fort Armstrong	62.45	76.30	70.29	69.84	90	52	38	-	5	1	1	9	8	8	18	5	-	-	18	18	18	18	18	Fair.
West Point	67.12	77.83	68.77	71.24	91	56	38	1	1	1	1	9	2	2	22	2	-	-	22	22	22	22	22	Fair.
Fort Trumbull	66.12	79.06	67.61	70.93	90	44	46	1	1	2	15	15	1	1	16	7	-	-	16	16	16	16	16	Fair.

No. XI.	NOVEMBER.										WEATHER.						
	THERMOMETER.										Fair.	Cpdy.	Rain.	Snow.			
	Mean Temperature.	Aggregate	Highest degree.	Lowest degree.	Range	N.	N.W.	E.	S.	S.W.					W.	Days	Days
Fort Brady	25.60	37.86	30.55	9	68	4	5	1	6	7	3	3	11	4	1	14	Cldy.
Hancock Barracks	24.23	33.00	27.97	6	65	10	2	10	3	17	1	1	23	4	2	6	Fair.
Fort Mackinack	27.63	32.20	29.53	4	59	4	8	4	3	3	3	3	5	19	2	4	Cldy.
Fort Sullivan	31.80	41.40	36.22	2	58	-	4	2	2	2	5	3	7	6	4	3	Fair.
Fort Snelling	19.06	30.36	23.73	11	71	4	12	1	6	1	1	10	14	4	3	2	Fair.
Fort Howard	26.03	34.43	27.10	6	66	2	4	2	6	2	5	3	14	4	1	4	Cldy.
Fort Winnebago	23.73	32.26	25.43	7	60	1	7	2	3	2	2	2	20	2	2	5	Fair.
Fort Preble	33.16	42.90	37.04	5	63	4	4	3	3	3	5	9	12	3	3	3	Fair.
Fort Crawford	25.66	34.60	29.74	6	65	3	10	1	4	3	5	4	13	15	1	1	Cldy.
Fort Constitution	34.36	44.03	37.56	14	51	3	6	2	2	1	3	4	9	9	5	1	Cldy.
Fort Gratiot	35.03	43.30	38.66	5	62	-	8	1	1	9	3	5	7	21	6	4	Cldy.
Watervliet Arsenal	34.13	45.83	37.35	3	62	5	4	1	1	1	2	8	9	9	1	1	Cldy.
Fort Dearborn	31.36	38.29	34.35	4	68	1	11	6	7	1	3	10	15	8	4	5	Fair.
Fort Wolcott	40.43	48.73	43.64	18	48	3	3	2	3	1	6	7	8	9	8	2	Cldy.
Fort Armstrong	29.80	38.53	33.75	4	64	4	4	1	7	1	3	10	14	8	5	3	Cldy.
West Point	37.73	48.96	43.21	16	57	3	12	1	1	1	6	7	13	7	7	7	Cldy.
Fort Trumbull	39.43	48.73	43.36	15	51	1	15	4	-	3	2	3	10	12	1	1	Cldy.

PLACES
OBSERVATION.

NOVEMBER—CONTINUED.

No. XI.

PLACES	THERMOMETER.		Range	Highest degree	Lowest degree	Days	Days	Days	Days	Days	Days	Days	WINDS.			WEATHER.		
	J Mean Temperature	P. M. Temperature											S. E.	E.	S. W.	W.	W. W.	W. S. W.
Fort Columbus	41.36	47.86	42.23	43.81	66	8	4	3	3	2	10	3	3	S. W.	13	13	Cl'dy.	
Fort McHenry	45.14	52.10	48.06	48.43	70	2	8	4	3	1	2	-	3	N. W.	18	16	Fair.	
Washington City	46.13	54.53	47.60	49.42	74	1	10	1	3	2	4	-	3	N. W.	14	7	Cl'dy.	
Jefferson Barracks	35.93	46.40	40.06	40.79	72	3	5	2	1	7	7	5	5	W.	17	9	Fair.	
Fort Monroe	35.36	59.20	76.06	56.87	71	3	4	2	1	3	8	2	2	S. W.	19	7	Fair.	
Fort Gibson	35.96	51.30	42.33	43.19	77	1	7	2	12	3	2	3	3	S. E.	15	8	Fair.	
Fort Macon	59.33	62.86	61.13	61.10	72	8	3	1	1	13	1	3	3	S.	13	3	Cl'dy.	
Fort Johnston	57.73	66.10	59.76	61.19	79	5	2	1	1	4	14	8	4	S. W.	13	15	Cl'dy.	
Fort Towson	36.96	51.30	40.86	43.04	74	5	5	2	5	5	3	8	2	W.	14	14	Cl'dy.	
Augusta Arsenal	54.86	65.83	65.16	64.51	75	4	4	3	1	4	12	2	1	S. W.	14	19	Cl'dy.	
Fort Moultrie	62.56	65.83	65.16	64.51	75	4	4	3	2	7	6	1	3	S.	16	11	Fair.	
Oglethorpe Barracks	55.63	67.56	66.90	63.36	82	2	3	5	4	5	3	2	3	S. E.	13	14	Cl'dy.	
Fort Jesup	48.56	60.00	53.20	53.92	79	3	3	2	2	1	3	1	1	N.	11	2	Cl'dy.	
Baton Rouge Bar'ls	54.13	66.96	58.03	59.70	83	15	4	2	2	4	4	3	4	N. W.	14	4	Cl'dy.	
Fort Wood, La.	59.26	70.83	61.03	63.70	86	1	6	1	1	5	6	1	1	N.	14	14	Cl'dy.	
Fort King	63.86	73.70	69.20	68.58	80	1	7	2	7	6	5	2	11	W.	25	4	Fair.	

RECORDED

NOV 11 1835

DECEMBER.

No. XII.

PLACES OR OBSERVATION.	THERMOMETER.				WINDS.							WEATHER.									
	Mean Temperature.				Highest degree.	Lowest degree.	Range.	N. N.W.		N. E.		S. S.W.		S. E.	W.	Prevalling.	Days.	Days.	Days.	Days.	Prevalling.
	A. M.	P. M.	P. M.	P. M.				Days	Days	Days	Days	Days	Days								
	VII.	II.	IX.	IX.																	
Fort Brady	15.90	21.93	19.19	19.00	38	-10	48	5	2	9	2	3	5	3	S. E.	7	8	1	15	Cl'dy.	
Hancock Barracks	5.12	16.32	7.80	9.74	40	-18	58	10	3	1	1	6	5	-	N. E.	24	-	1	6	Fair.	
Fort Mackinack	17.80	21.71	20.13	19.88	40	-6	46	4	9	1	1	1	6	4	N. W.	11	30	-	-	Cl'dy.	
Fort Sullivan	13.74	21.23	16.90	17.28	48	-14	62	1	12	4	6	5	12	2	W.	17	5	4	5	Fair.	
Fort Snelling	10.12	24.25	17.51	17.29	42	-12	54	2	7	1	1	5	9	3	S. W.	24	5	2	2	Fair.	
Fort Howard	16.19	24.96	18.22	19.79	46	-4	50	1	4	1	6	1	5	8	S.	18	10	1	2	Fair.	
Fort Winnebago	12.51	24.90	18.45	18.62	44	-12	56	1	2	1	1	6	3	3	S. S.	24	3	2	2	Fair.	
Fort Preble	15.87	24.87	18.64	19.79	39	-10	49	5	3	4	1	1	5	14	W.	19	8	2	2	Fair.	
Fort Crawford	17.00	26.42	21.67	21.69	50	-4	54	2	12	1	1	1	5	7	N. W.	27	2	2	2	Fair.	
Fort Constitution	18.64	27.67	21.25	22.52	42	-10	52	2	12	2	1	1	5	6	N. W.	18	10	1	2	Fair.	
Fort Gratiot	23.35	31.16	24.87	26.46	50	-4	54	3	10	2	1	1	5	3	N. W.	19	6	3	13	Cl'dy.	
Waterliet Arsenal	14.80	25.19	18.09	19.36	44	-18	72	2	10	2	1	1	5	3	N. W.	13	11	-	-	Cl'dy.	
Fort Dearborn	21.16	28.87	25.06	25.03	57	-6	59	4	7	2	1	1	7	5	S. E.	13	11	-	-	Cl'dy.	
Fort Wolcott	24.00	32.09	29.16	28.41	48	-2	54	5	4	3	1	1	7	3	S.	28	10	4	3	Cl'dy.	
Fort Armstrong	20.00	30.09	24.64	24.91	56	-2	54	1	15	1	4	1	11	9	N. W.	15	10	4	3	Cl'dy.	
West Point	20.96	31.00	25.77	25.91	43	-2	54	1	16	1	1	1	4	5	S. W.	18	15	5	1	Fair.	
Fort Trumbull	22.51	31.45	26.93	26.96	49	-7	56	6	17	1	1	1	8	4	N. W.	14	15	1	6	Cl'dy.	

No. XII. DECEMBER—CONTINUED.

PLACES OF OBSERVATION.	THERMOMETER.				WINDS.										WEATHER.											
	Mean Temperature.				Highest degree.	Lowest degree.	Range.	N.	NW.	N. E.	E.	S. E.	S.	S. W.	W.	Prevaling.	Fair.	Cl'dy.	Rain.	Snow.	Days.	Days.	Days.	Prevaling.		
	A. M.	P. M.	P. M.	P. M.																						
	VII.	II.	IX.	IX.																						
Fort Columbus	25.77	32.64	26.67	28.36	42	4	38	1	10	7	-	2	2	6	5	N.W.	15	14	2	-	1	2	15	14	2	Cl'dy.
Fort McHenry	29.55	38.19	32.19	33.31	53	16	37	1	11	2	-	5	4	4	6	N.W.	20	5	5	-	1	2	20	5	5	Cl'dy.
Washington City	29.80	36.90	34.03	33.57	50	16	34	1	20	2	-	1	2	2	3	N.W.	12	12	5	-	1	2	12	12	5	Cl'dy.
Jefferson Barracks	29.38	41.32	34.32	35.00	62	10	32	4	8	2	-	4	1	1	1	S.	24	6	1	-	-	-	24	6	1	Fair.
Fort Monroe	39.22	45.64	41.51	42.12	58	22	36	9	5	10	1	1	4	-	1	N.E.	20	6	5	-	-	-	20	6	5	Fair.
Fort Gibson	34.16	54.93	41.83	43.64	72	14	58	3	11	2	-	7	3	3	1	N.W.	27	4	4	-	-	-	27	4	4	Fair.
Fort Macon	42.77	49.22	46.12	46.03	60	28	32	9	4	2	-	3	6	3	4	N.	20	2	9	-	-	-	20	2	9	Fair.
Fort Johnston	41.70	55.58	47.80	48.36	70	28	42	1	6	14	-	3	10	-	10	N.E.	18	6	7	-	-	-	18	6	7	Fair.
Fort Towson	36.87	55.22	43.19	45.09	72	22	50	2	2	8	3	3	5	4	6	N.E.	26	5	5	-	-	-	26	5	5	Fair.
Augusta Arsenal	40.06	54.16	47.25	47.15	68	28	40	1	8	6	1	1	10	3	3	S.W.	21	3	7	-	-	-	21	3	7	Fair.
Fort Moultrie	48.38	54.00	52.06	51.48	65	35	30	6	3	8	1	2	2	5	4	N.E.	20	10	1	-	-	-	20	10	1	Fair.
Oglethorpe Barracks	41.93	60.22	50.32	50.82	70	30	40	5	8	5	4	3	2	1	2	N.W.	17	10	4	-	-	-	17	10	4	Fair.
Fort Jesup	42.25	64.16	50.70	52.37	74	33	41	8	4	2	2	1	1	1	10	W.	25	-	6	-	-	-	25	-	6	Fair.
Baton Rouge Bar'ks	45.54	64.83	52.19	54.16	74	33	41	8	4	2	1	1	1	1	1	E.	25	5	5	-	-	-	25	5	5	Fair.
Fort Wood, La.	48.25	62.87	50.59	53.90	76	34	42	6	3	6	7	1	1	1	1	S.	25	5	4	-	-	-	25	5	4	Fair.
Fort King	48.25	63.22	54.54	56.67	76	34	42	9	-	1	1	1	1	1	1	S.	25	4	4	-	-	-	25	4	4	Fair.

MEAN OF OBSER

PLACES OF OBSERVATION.	THERMOMETER.								Highest de- gree.
	Mean Temperature.								
	Year.	Winter.	Spring.	Summ'r	Autumn	A. M.	P. M.	P. M.	
						VII.	II.	IX.	
Fort Brady	40.07	16.85	38.61	62.81	42.04	36.02	47.72	36.50	87
Hancock Barracks	38.71	13.38	35.84	62.57	43.07	32.86	45.69	37.61	85
Fort Mackinack	39.26	17.61	36.18	61.51	41.77	37.02	43.52	36.77	90
Fort Sullivan	41.66	21.27	38.86	58.51	48.00	38.13	47.16	39.62	82
Fort Snelling	43.38	16.68	46.42	68.87	41.56	38.55	50.39	41.30	92
Fort Howard	43.94	19.13	44.96	68.33	43.36	38.48	53.09	40.20	96
Fort Winnebago	41.70	15.71	44.28	65.48	41.35	36.55	49.71	38.86	91
Fort Preble	44.41	21.45	41.51	66.07	48.61	39.79	52.19	41.43	96
Fort Crawford	46.02	19.14	49.44	70.28	48.25	40.77	52.84	44.59	94
Fort Constitution	44.60	24.12	41.98	63.64	48.67	41.48	49.78	42.57	88
Fort Gratiot	46.88	25.99	45.20	67.17	49.16	43.04	52.27	45.28	94
Watervliet Arsenal	45.98	19.73	46.50	69.10	50.14	41.68	53.91	42.46	92
Fort Dearborn	44.24	22.50	43.80	65.75	44.91	40.17	49.26	43.05	92
Fort Wolcott	47.37	27.96	43.03	67.05	51.46	43.22	55.10	45.38	85
Fort Armstrong	46.63	21.19	46.99	69.04	49.31	40.88	53.46	45.57	93
West Point	50.54	26.14	49.83	71.81	54.40	44.98	56.18	48.73	91
Fort Trumbull	49.16	27.08	45.58	71.05	52.96	44.93	56.00	46.69	90
Fort Columbus	49.67	28.31	46.61	69.79	53.98	46.03	56.04	46.72	89
Fort McHenry	52.99	31.40	51.33	73.02	56.21	47.41	58.60	53.00	91
Washington City	54.48	30.91	53.42	76.38	57.21	50.30	60.63	52.67	94
Jefferson Barracks	53.13	30.13	55.26	73.99	53.18	47.58	60.11	51.58	94
Fort Monroe	58.64	39.64	56.19	75.14	63.61	56.27	61.85	57.76	85
Fort Gibson	59.20	39.34	63.46	75.72	58.29	52.47	67.91	57.29	96
Fort Macon	61.93	43.84	58.72	79.14	66.04	59.40	64.77	60.92	84
Fort Johnston	63.15	44.56	62.30	79.71	66.03	58.79	69.20	61.47	92
Fort Towson	59.01	41.51	61.10	76.47	56.97	53.27	69.03	56.96	97
Augusta Arsenal	62.36	44.22	61.84	79.44	63.95	55.19	70.23	61.61	96
Fort Moultrie	63.91	44.71	62.55	79.88	68.53	61.02	67.06	64.45	90
Oglethorpe Barracks	66.40	51.07	68.35	79.36	66.93	62.55	71.21	65.87	90
Fort Jesup	63.81	48.11	63.18	80.26	63.72	57.57	72.04	62.64	94
Baton Rouge Bar'ks	65.93	51.40	66.16	79.73	66.46	61.25	73.40	63.58	92
Fort Wood, La.	68.46	51.73	69.32	82.73	70.07	64.49	74.34	66.00	100
Fort King	68.64	53.33	69.94	78.79	70.52	62.55	76.09	66.54	97

VARIATIONS FOR 1835.

Lowest de- gree.	Range for the year.	Mean monthly range.	WINDS.									WEATHER.				
			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.	Days.	Days.
-20	107	48.5	26	104	13	30	90	33	38	31	N.W.	185	36	75	69	Fair.
-23	108	49.3	38	32	116	24	73	56	15	11	N.E.	233	20	60	52	Fair.
-23	113	46.0	24	85	24	52	45	23	35	77	N.W.	191	130	23	21	Fair.
-14	96	41.7	45	42	18	26	8	119	34	73	S.	213	57	60	35	Fair.
-30	122	53.7	26	92	25	6	45	66	73	32	N.W.	217	54	74	20	Fair.
-23	119	54.5	60	28	23	36	26	99	45	48	S.	220	122	15	8	Fair.
-26	117	54.7	54	56	11	14	20	96	63	51	S.W.	239	42	58	26	Fair.
-12	108	47.3	38	29	31	29	14	44	62	118	W.	213	92	43	17	Fair.
-26	120	52.6	28	111	8	14	13	22	107	62	N.W.	238	51	62	14	Fair.
-8	96	41.5	17	65	43	25	15	84	39	77	S.	225	113	15	12	Fair.
-7	101	49.7	11	65	82	2	22	22	149	12	S.W.	174	61	83	47	Cl'dy.
-10	102	52.1	18	89	34	8	69	28	80	39	N.W.	197	121	32	15	Fair.
-22	114	51.9	98	35	31	16	18	93	34	40	N.	97	213	42	13	Cl'dy.
-6	91	41.4	26	79	47	3	48	1	141	20	S.W.	185	87	77	16	Fair.
-24	117	52.8	24	68	19	39	23	59	59	74	W.	181	98	71	15	Cl'dy.
-10	101	45.6	8	152	13	4	38	44	81	25	N.W.	248	79	28	10	Fair.
-8	98	46.0	30	112	61	1	60	25	64	12	N.W.	139	137	72	17	Cl'dy.
-1	90	40.2	14	65	55	14	47	30	84	56	S.W.	219	118	22	6	Fair.
-10	101	45.6	7	109	55	26	61	9	52	46	N.W.	244	62	52	7	Fair.
-14	108	45.4	11	147	59	6	17	40	46	38	N.W.	217	45	89	14	Fair.
-18	112	49.6	39	64	10	19	21	102	35	75	S.	247	88	23	7	Fair.
4	81	31.7	46	34	95	13	17	63	79	18	N.E.	240	73	50	2	Fair.
-6	102	49.7	25	38	24	85	86	53	24	30	S.E.	219	61	74	11	Fair.
20	64	26.5	65	42	33	24	26	72	86	17	S.W.	213	40	107	5	Fair.
3	89	37.	19	31	110	1	30	71	102	1	N.E.	261	53	46	5	Fair.
0	97	42.6	42	22	36	11	38	127	40	49	S.	233	54	65	13	Fair.
-2	98	46.4	6	71	60	28	56	20	92	32	S.W.	222	39	95	9	Fair.
6	84	29.	30	22	73	40	35	73	67	25	S.	216	113	36	-	Fair.
16	74	33.6	34	51	54	28	36	57	59	46	S.W.	242	76	46	1	Fair.
8	86	40.8	124	34	38	27	26	33	44	39	N.	233	67	64	1	Fair.
10	82	38.2	13	65	40	64	79	28	37	40	S.E.	197	65	103	-	Fair.
14	86	38.	40	46	54	36	46	49	45	46	N.E.	193	110	*59	-	Fair.
11	86	37.7	31	20	44	71	25	44	44	86	W.	245	55	64	1	Fair.

* For 362 days.

JANUARY.

No. 1.

PLACES	THERMOMETER.					WINDS.							WEATHER.						
	Mean Temperature.		Aggregate	Highest degree.	Lowest degree.	Range.	N. N.W.		N.E. S.E.		S. S.W.		Prevaling.		Fair.	Cl'dy.	Rain.	Snow.	
	A. M.	P. M.					Days	Days	Days	Days	Days	Days	Days	Days					Days
OBSERVATION.	VII.	II.	IX.				Days <td>Days <td>Days <td>Days <td>Days <td>Days <td>Days <td>Days <td>Days <td>Days <td>Days <td>Days </td></td></td></td></td></td></td></td></td></td></td>	Days <td>Days <td>Days <td>Days <td>Days <td>Days <td>Days <td>Days <td>Days <td>Days <td>Days </td></td></td></td></td></td></td></td></td></td>	Days <td>Days <td>Days <td>Days <td>Days <td>Days <td>Days <td>Days <td>Days <td>Days </td></td></td></td></td></td></td></td></td>	Days <td>Days <td>Days <td>Days <td>Days <td>Days <td>Days <td>Days <td>Days </td></td></td></td></td></td></td></td>	Days <td>Days <td>Days <td>Days <td>Days <td>Days <td>Days <td>Days </td></td></td></td></td></td></td>	Days <td>Days <td>Days <td>Days <td>Days <td>Days <td>Days </td></td></td></td></td></td>	Days <td>Days <td>Days <td>Days <td>Days <td>Days </td></td></td></td></td>	Days <td>Days <td>Days <td>Days <td>Days </td></td></td></td>	Days <td>Days <td>Days <td>Days </td></td></td>	Days <td>Days <td>Days </td></td>	Days <td>Days </td>	Days	
Fort Brady	13.38	22.12	17.67	17.72	40	-14	54	7	4	2	3	9	2	6	2	1	13	S. E.	Cl'dy.
Hancock Barracks	10.29	22.32	16.64	16.41	43	-13	56	8	-	12	3	2	2	6	2	3	5	N. E.	Fair.
Fort Mackinack	16.00	20.83	17.83	18.22	34	-13	47	3	9	2	3	5	2	3	4	3	21	N. W.	Cl'dy.
Fort Snelling	5.87	17.93	13.48	12.42	40	-26	66	2	11	1	-	6	3	6	3	3	16	N. W.	Fair.
Fort Howard	17.58	26.32	19.03	20.97	44	-8	52	3	2	2	4	1	7	7	3	10	17	W.	Fair.
Fort Winnebago	12.12	20.00	15.74	15.95	38	-16	54	3	2	2	3	5	1	5	10	8	19	W.	Fair.
Fort Crawford	14.41	21.83	16.93	17.72	41	-14	55	3	3	12	-	1	-	1	3	11	20	N. W.	Fair.
Fort Constitution	21.96	30.41	23.87	25.41	45	8	37	3	8	8	1	-	2	4	6	10	13	N. W.	Cl'dy.
Fort Gratiot	23.74	29.54	26.61	26.63	40	0	40	-	-	5	1	2	4	3	3	8	8	S. W.	Cl'dy.
Watervliet Arsenal	16.61	29.81	19.41	21.94	45	-26	71	5	9	2	-	3	-	7	3	14	10	N. W.	Cl'dy.
Fort Independence	21.32	30.00	26.33	25.88	43	-1	44	-	19	12	-	-	-	-	-	7	16	N. W.	Fair.

JANUARY—CONTINUED.

No. I.

PLACES	THERMOMETER.				WINDS.							WEATHER.									
	Mean Temperature.				Aggregate	Highest degree.	Lowest degree.	Range.	N.	N.W.	N.E.	E.	S.E.	S.	S.W.	W.	Prevaling.	Days	Days	Days	Days
	A. M.	P. M.	P. M.	P. M.																	
	VII.	II.	IX.		Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	
Fort Dearborn	20.38	26.51	21.00	22.63	41	4	45	2	5	3	3	1	3	9	5	S.W.	9	18	3	1	Cl'dy.
West Point	21.25	33.48	26.80	27.17	44	1	43	1	17	11	-	3	3	-	4	N.W.	12	12	2	5	Cl'dy.
Fort Columbus	24.70	31.77	27.00	27.82	49	9	33	1	9	8	-	1	1	-	7	N.W.	12	12	2	3	Cl'dy.
Alleghany Arsenal	23.77	34.19	28.29	28.75	50	10	40	15	2	7	-	1	9	-	6	N.	13	12	3	3	Cl'dy.
Fort Leavenworth	19.19	33.29	24.38	25.62	44	-	50	12	2	2	-	1	7	6	N..	N.W.	10	17	3	3	Cl'dy.
Fort McHenry	29.58	36.19	35.54	33.77	50	12	38	2	2	2	2	1	3	5	6	N.W.	11	14	3	3	Cl'dy.
Fort Monroe	34.80	42.45	37.90	38.38	58	15	43	4	5	9	1	1	7	3	3	N.E.	14	10	6	1	Cl'dy.
Fort Gibson	34.70	47.51	39.25	40.48	70	14	56	4	5	2	3	4	7	3	3	S.	17	4	8	2	Fair.
Fort Towson	34.32	47.83	41.38	41.17	68	26	42	4	2	5	8	3	4	-	5	E.	17	12	2	-	Fair.
Fort Jesup	42.48	59.09	50.67	50.74	78	32	46	8	2	5	4	1	1	4	6	N.	18	-	13	-	Fair.

OBSERVATION.

FEBRUARY.

No. II.

PLACES	THERMOMETER.			WINDS.						WEATHER.							
	Mean Temperature.			Highest degree.	Lowest degree.	N. N.W.		S. E.		S. W. W.		Days	Days	Days	Prevailing.		
	A. M.	P. M.	P. M.			Days	Days	Days	Days	Days	Days					Days	Days
Fort Brady	3.37	19.03	11.75	45	-23	68	3	8	-	16	-	2	-	7	13	9	C'dy.
Hancock Barracks	5.89	18.68	10.96	39	-14	53	8	5	11	2	3	-	3	-	20	8	Fair.
Fort Mackinack	7.76	17.89	11.34	33	-22	65	4	8	4	4	1	3	3	10	19	-	Fair.
Fort Snelling	9.27	23.89	17.96	52	-24	76	2	2	1	5	2	5	2	2	19	8	Fair.
Fort Howard	12.68	27.65	21.48	50	-14	64	8	2	2	3	1	8	1	6	11½	11	C'dy.
Fort Winnebago	10.72	23.79	18.48	61	-18	79	1	3	1	3	10	6	3	-	19	9	Fair.
Fort Crawford	14.92	25.32	19.86	48	-15	63	4	4	1	-	2	7	3	3	20	4	Fair.
Fort Constitution	13.82	26.00	19.27	47	-10	57	4	8	4	1	1	1	7	9	16	3	Fair.
Fort Gratiot	10.51	24.51	17.72	48	-18	66	1	5	7	1	1	7	1	9	9	5	C'dy.
Waterliet Arsenal	5.60	25.24	11.79	49	-28	77	5	9	3	-	3	2	3	10	13	1	C'dy.
Fort Independence	14.39	23.93	19.16	45	-7	52	4	8	4	1	1	3	2	9	16	3	Fair.

OBSERVATION.

CHAS. W. WILSON.

No. II. FEBRUARY—CONTINUED.

PLACES	THERMOMETER.			WINDS.							WEATHER.					
	Mean Temperature.			Range.	Days							Days				
	A. M.	P. M.	P. M.		N. N.W.	N.E.	E.	S.E.	S.	S.W.	W.	Fair.	Cl'dy.	Snow.		
OBSERVATION.	Aggregate Mean Temperature.			Highest degree.	Days							Days				
	VII.	II.	IX.		N.	N.W.	N.E.	E.	S.E.	S.	S.W.	W.	Prevaling.	Days		
	18.06	25.72	22.03	21.93	50	7	2	1	1	7	6	5	5	17	7	Cl'dy.
Fort Dearborn	14.00	28.93	19.16	20.69	47	1	19	3	2	4	2	5	17	1	4	Fair.
West Point	18.24	25.06	21.24	21.51	40	1	9	8	1	3	2	5	17	4	4	Cl'dy.
Fort Columbus	16.00	25.94	18.46	20.13	51	9	4	4	1	2	9	12	11	2	4	Fair.
Alleghany Arsenal	21.72	38.31	29.17	29.73	66	7	2	2	2	10	6	13	8	2	2	Fair.
Fort Leavenworth	20.68	30.34	27.17	26.06	53	3	9	6	1	2	2	17	9	3	3	Fair.
Fort McHenry	28.34	37.03	30.48	31.95	57	2	7	8	1	2	6	13	11	4	1	Cl'dy.
Fort Monroe	35.72	51.41	42.07	43.06	74	4	8	4	2	2	1	15	2	7	5	Fair.
Fort Gibson	35.13	53.89	45.31	44.77	70	5	3	4	1	3	3	14	11	4	-	Cl'dy.
Fort Towson	42.68	64.78	54.96	54.14	80	10	3	2	1	1	4	18	-	-	-	Fair.

MARCH.

No. III.

PLACES	THERMOMETER.				WINDS.						WEATHER.							
	Mean Temperature.		Aggregate Mean Temperature.	Highest degree.	Lowest degree.	Range.	N. N.W.		N.E.		S.		S.W.		W.	Prevaling.		
	A. M.	P. M.					Days	Days	Days	Days	Days	Days	Days	Days			Days	Days
	VII.	II.	IX.															
Fort Brady	4.60	28.74	15.03	16.12	60	-16	76	1	7	3	11	3	3	1	17	S. E.	7	Fair.
Hancock Barracks	14.12	35.67	25.32	28.37	60	-10	70	8	6	3	4	4	-	1	26	N.	1	Fair.
Fort Mackinack	9.70	23.29	13.64	15.54	45	-12	57	3	10	2	3	3	2	2	17	N. W.	1	Fair.
Fort Snelling	8.90	29.41	22.45	20.25	60	-10	76	3	14	1	4	5	2	2	23	N. W.	1	Fair.
Fort Howard	14.58	31.74	25.35	23.89	54	-10	64	1	16	1	1	7	1	3	22	N. W.	8	Fair.
Fort Winnebago	12.93	27.74	20.80	20.49	46	-20	66	1	1	1	3	9	9	6	24	S.	3	Fair.
Fort Crawford	17.03	31.16	24.47	24.22	53	-14	67	-	1	3	-	1	3	15	W.	2	Fair.	
Fort Constitution	24.87	36.63	29.03	30.17	52	4	48	1	9	3	1	5	8	13	N. W.	2	Fair.	
Fort Gratiot	19.35	30.64	23.74	24.57	49	-5	54	-	5	11	3	2	10	8	N. E.	9	C'dy.	
Waterilet Arsenal	17.93	39.19	23.29	26.80	56	-3	59	3	5	2	1	4	6	7	W.	19	2	Fair.
Fort Independence	26.77	35.09	30.58	30.81	45	6	39	17	11	11	-	-	-	10	N. W.	19	2	Fair.

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OBSERVATION.

MARCH--CONTINUED.

No. III.

PLACES	THERMOMETER.			WINDS.							WEATHER.						
	Mean Temperature.			Highest degree.	Lowest degree.	Range.	Prevalling.										
	A. M.	P. M.	P. M.				N. N.W.	N. E.	E.	S. E.	S.	S. W.	W.	Days	Days	Days	
Fort Dearborn	22.19	31.25	25.77	47	6	53	7	1	1	1	1	6	7	10	1	1	Cl'dy.
West Point	24.41	40.77	31.51	54	7	47	1	1	1	1	3	3	3	22	8	4	Fair.
Fort Columbus	28.22	37.19	31.22	47	17	30	1	1	1	1	3	5	1	19	8	4	Fair.
Alleghany Arsenal	28.32	38.93	27.41	50	10	40	8	1	1	1	1	6	3	13	14	3	Cl'dy.
Fort Leavenworth	24.96	41.80	32.45	62	14	48	7	1	1	1	13	2	3	17	19	4	Fair.
Fort McHenry	30.32	40.93	27.16	48	20	28	3	1	1	1	7	3	3	20	7	4	Fair.
Fort Monroe	36.93	47.22	41.12	72	25	47	1	1	1	1	3	4	1	16	11	2	Fair.
Fort Gibson	39.41	54.67	44.35	78	24	54	8	1	1	1	4	4	1	17	3	10	Fair.
Fort Towson	39.29	56.09	48.45	76	24	52	3	1	1	5	6	6	1	13	16	1	Cl'dy.
Fort Jesup	45.41	65.06	54.77	82	36	46	13	1	1	4	1	4	3	20	-	11	Fair.

APRIL.

No. IV.

PLACES OF OBSERVATION.	THERMOMETER.				WINDS.		WEATHER.							
	Mean Temperature.				Highest degree.	Lowest degree.	Range.	Prevaling.		Prevaling.				
	A. M.		P. M.					Days	Days	Days	Days	Days	Days	
	VII.	II.	IX.	Aggregate	N. N.W.	N.E.	S.	S.W.	W.	Fair.	Cl'dy.	Rain.	Snow.	
Fort Brady	24.33	43.90	32.83	33.68	61	4	57	2	7	18	2	3	7	Fair.
Hancock Barracks	26.76	48.40	37.83	37.66	68	13	55	7	6	24	11	3	3	Fair.
Fort Mackinack	28.10	38.00	31.16	32.42	55	18	47	4	5	19	11	3	3	Fair.
Fort Snelling	33.63	52.16	45.23	43.67	77	20	57	8	2	14	11	3	4	Cl'dy.
Fort Howard	33.20	50.36	41.96	41.84	78	24	54	1	5	13	9	4	4	Cl'dy.
Fort Winnebago	33.00	47.93	40.09	40.34	72	17	55	2	7	14	11	1	4	Cl'dy.
Fort Crawford	38.50	53.20	45.50	45.73	78	18	60	4	2	11	9	6	4	Cl'dy.
Fort Constitution	34.86	46.16	38.00	39.67	61	38	23	5	5	18	10	2	2	Fair.
Fort Gratiot	35.70	46.53	36.60	39.61	83	12	71	1	4	17	3	8	2	Fair.
Watervliet Arsenal	33.06	55.10	38.73	42.29	78	16	62	2	7	17	10	1	1	Fair.
Fort Independence	38.86	49.86	43.23	43.98	66	25	41	1	8	14	16	1	1	Cl'dy.

APRIL—CONTINUED.

No. IV.

PLACES OF OBSERVATION.	THERMOMETER.				WINDS.				WEATHER.										
	Mean Temperature.				Highest degree.	Lowest degree.	Range.	WINDS.				WEATHER.							
	A. M.	P. M.	P. M.	P. M.				N. N.W.	N. E.	S. E.	S. S.W.	W.	Days	Days	Days	Days			
	VII.	II.	IX.	IX.	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days					
Fort Dearborn	41.36	45.50	41.46	42.77	73	13	55	14	1	3	3	3	4	1	6	15	9	6	Cl'dy.
West Point	38.06	54.70	44.33	45.69	80	21	59	-	11	-	3	6	4	1	18	11	1	-	Fair.
Fort Columbus	39.70	50.10	43.16	44.32	64	26	38	-	8	-	7	7	5	-	14	8	2	1	Cl'dy.
Alleghany Arsenal	50.83	60.56	50.90	54.09	82	30	52	-	6	-	1	16	10	2	18	10	5	-	Fair.
Fort Leavenworth	46.10	61.86	54.00	53.98	81	32	49	-	2	-	8	2	3	2	14	11	4	-	Cl'dy.
Fort McHenry	45.63	56.53	52.40	51.52	77	32	45	-	4	2	2	3	7	1	18	4	8	-	Fair.
Fort Monroe	50.80	60.33	55.16	55.43	84	38	46	1	2	3	4	4	6	4	18	4	6	-	Fair.
Fort Gibson	57.53	74.76	64.03	65.44	86	45	41	3	1	4	4	5	6	4	15	12	3	-	Fair.
Fort Towson	53.70	70.51	60.58	61.59	83	55	28	1	1	4	6	3	2	4	13	15	6	-	Fair.
Fort Jessup	59.50	76.60	67.46	67.85	81	50	31	1	1	4	3	3	2	3	13	16	11	-	Cl'dy.

MAY.

No. V.

PLACES or OBSERVATION.	THERMOMETER.				WINDS.							WEATHER.									
	Mean Temperature.				Aggregate Mean Temperature.	Highest degree.	Lowest degree.	Range.	N.	N.W.	N.E.	E.	S.E.	S.	S.W.	W.	Prevaling.	Days	Days	Days	Days
	A. M.	P. M.	P. M.	P. M.																	
	VII.	II.	IX.		Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	
Fort Brady	37.64	63.70	44.87	48.73	48.73	84	62	4	3	2	3	13	1	2	3	3	19	3	9	19	Fair.
Hancock Barracks	38.67	60.22	46.77	49.22	49.22	85	24	7	4	1	4	4	5	3	3	3	23	-	7	23	Fair.
Fort Mackinack	41.58	52.58	45.16	46.44	46.44	70	20	2	6	4	4	4	1	-	4	4	20	9	2	20	Fair.
Fort Snelling	52.35	74.03	66.51	64.29	64.29	84	40	4	4	6	-	7	6	3	1	1	27	2	2	27	Fair.
Fort Howard	45.93	69.19	55.48	56.86	56.86	88	31	8	4	3	3	1	9	2	2	2	21	1	9	21	Fair.
Fort Winnebago	46.67	67.32	55.96	56.65	56.65	84	32	2	2	8	1	11	4	2	1	3	20	2	9	20	Fair.
Fort Crawford	44.25	74.12	63.38	63.91	63.91	87	55	8	1	2	4	1	10	2	3	5	18	7	4	18	Fair.
Fort Constitution	45.77	57.09	49.25	50.70	50.70	78	41	3	2	1	1	1	7	3	5	5	13	11	2	13	Fair.
Fort Gratiot	45.64	61.29	49.96	52.29	52.29	88	35	-	2	17	1	-	11	-	3	1	13	7	11	13	Cl'dy.
Waterriet Arsenal	48.16	71.80	56.77	58.91	58.91	88	28	4	4	4	-	9	6	1	3	1	21	5	5	21	Fair.
Fort Independence	53.67	65.77	58.38	59.27	59.27	80	43	-	11	4	-	2	-	14	-	-	24	7	-	24	Fair.

MAY—CONTINUED.

No. V.

PLACES	THERMOMETER.				WINDS.								WEATHER.					
	Mean Temperature.				Highest degree.	Lowest degree.	Range.	N. W. N. E.		E. S. E.		S. S. W.		Fair. Cl'dy.		Rain. Snow.		Prevaling.
	A. M.	P. M.	P. M.	P. M.				Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	
	Aggregate Mean Temperature.				Prevaling.	N.		S. E.		S. W.		Fair.		Cl'dy.		Prevaling.		
Fort Dearborn	52.74	59.29	50.32	54.11		88	46	42	18	-	2	2	1	9	9		11	14
West Point	54.61	69.70	58.51	60.94	90	34	56	-	2	2	3	13	3	24	24	2	2	Fair.
Fort Columbus	53.80	64.16	56.09	58.01	82	52	30	2	8	-	4	7	4	18	18	5	5	Fair.
Alleghany Arsenal	71.80	80.00	72.00	74.60	87	65	22	4	-	1	14	6	6	16	16	7	8	Fair.
Fort Leavenworth	56.35	77.16	65.42	66.31	84	54	30	7	1	-	16	1	2	19	19	3	3	Fair.
Fort McHenry	56.87	69.96	63.48	63.43	81	46	35	1	2	1	6	4	2	22	22	2	7	Fair.
Fort Monroe	62.83	72.58	67.06	67.49	84	52	32	2	2	2	2	4	7	20	20	5	6	Fair.
Fort Gibson	63.22	82.06	68.51	71.26	90	54	36	4	4	3	6	11	4	22	22	1	8	Fair.
Fort Towson	61.25	80.12	67.61	69.66	88	54	34	3	4	6	6	3	4	18	18	9	4	Fair.
Fort Jesup	62.48	79.03	70.22	70.57	88	52	36	3	1	8	2	2	3	13	13	6	12	Cl'dy.

OBSERVATION.

OF

JUNE.

No. VI.

PLACES OF OBSERVATION.	THERMOMETER.				WINDS.						WEATHER.								
	Mean Temperature.				Aggregate Mean Temperature.	Highest degree.	Lowest degree.	Range.	N. N.W.	N. N.E.	E.	S. E.	S. S.W.	W.	Fair.	C'd'y.	C'd'y.	C'd'y.	
	A. M.	P. M.	P. M.	P. M.															
	VII.	II.	IX.		Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	
Fort Brady	48.93	72.06	54.73	58.57	31	48	1	5	1	-	4	16	2	1	4	19	1	10	Fair.
Hancock Barracks	48.33	77.96	61.90	62.73	38	55	2	5	1	13	6	6	3	3	4	25	4	1	Fair.
Fort Mackinack	50.40	62.16	54.76	55.77	45	35	3	7	2	7	1	3	1	1	7	22	7	5	Fair.
Fort Snelling	57.00	77.80	67.36	67.38	50	38	3	7	2	6	3	7	9	1	4	21	4	10	Fair.
Fort Howard	54.50	73.63	63.23	63.78	48	48	8	2	7	3	3	1	1	1	4	16	4	10	Fair.
Fort Winnebago	53.80	72.46	60.23	62.06	50	36	2	7	8	5	5	3	2	3	16	16	-	14	Fair.
Fort Crawford	60.70	75.63	66.03	67.45	54	32	4	1	6	4	3	11	7	1	10	16	4	4	C'd'y.
Fort Constitution	51.80	61.23	54.26	55.76	50	25	-	2	14	2	2	1	7	-	12	16	12	2	Fair.
Fort Gratiot	54.10	65.56	57.30	58.98	47	43	-	3	16	1	3	6	5	6	4	13	10	7	C'd'y.
Watervliet Arsenal	59.70	77.80	61.66	66.38	50	39	3	5	4	3	3	6	5	2	2	13	10	7	C'd'y.
Fort Independence	57.53	67.06	61.30	61.96	50	35	-	3	23	-	-	4	-	-	7	7	-	-	C'd'y.

JUNE—CONTINUED.

No. VI.

PLACES OF OBSERVATION.	THERMOMETER.			WINDS.							WEATHER.								
	Mean Temperature.			Highest degree.	Lowest degree.	Range.	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days		
	A. M.	P. M.	P. M.																
	VII.	II.	IX.	Prevaling.							Prevaling.								
Fort Dearborn	57.83	62.96	56.76	84	45	39	21	-	1	2	3	2	1	2	14	13	14	-	Cl'dy.
West Point	60.76	72.50	63.43	94	53	41	-	4	2	1	2	10	2	2	12	13	5	-	Cl'dy.
Fort Columbus	59.90	66.83	60.13	86	48	38	-	1	3	5	6	5	3	6	9	13	8	-	Cl'dy.
Alleghany Arsenal	71.10	77.33	70.63	84	64	20	2	1	-	6	1	12	1	5	8	8	14	-	Fair.
Fort Leavenworth	59.76	79.73	66.56	92	58	34	2	-	2	1	19	1	5	3	19	6	5	-	Fair.
Fort McHenry	61.56	72.73	66.03	91	49	42	2	1	2	1	6	2	4	3	14	9	7	-	Cl'dy.
Fort Monroe	68.23	74.33	71.13	87	61	26	2	2	2	1	4	4	4	6	13	9	8	-	Cl'dy.
Fort Gibson	66.60	85.63	72.13	92	60	32	2	1	3	10	1	1	7	2	17	7	13	-	Fair.
Fort Towson	69.00	85.36	72.53	90	62	28	2	2	2	5	9	3	9	2	20	7	3	-	Fair.
Fort Jesup	68.73	85.10	76.20	90	60	30	4	1	2	3	3	4	9	4	15	5	10	-	Fair.

JULY.

No. VII.

PLACES	THERMOMETER.			Range.	WINDS.						WEATHER.																	
	Mean Temperature.				Highest degree.	Lowest degree.	N.	N.W.	N.E.	E.	S.E.	S.	S.W.	W.	Days	Days	Days	Prevaling.										
	A. M.	P. M.	P. M.																Aggregate	IX.	VII.	II.	IX.	VI.	III.	IV.	VI.	III.
Fort Brady	53.54	74.83	59.09	62.48	87	43	44	1	2	9	2	4	4	1	12	1	5	1	12	1	5	1	12	S. E.	7	8	7	Fair.
Hancock Barracks	56.45	80.16	65.45	67.35	99	52	47	2	4	4	3	5	3	1	7	6	4	2	4	3	2	2	11	5	4	9	4	Fair.
Fort Mackinack	58.32	71.41	61.74	63.82	80	48	32	4	4	2	2	2	1	10	6	10	10	3	3	9	2	7	7	2	10	10	Fair.	
Fort Snelling	62.96	80.80	72.61	72.12	93	63	30	4	4	2	3	3	2	9	9	11	11	2	2	2	2	4	3	1	11	11	Fair.	
Fort Howard	58.38	81.74	67.35	69.15	97	48	49	4	4	3	4	4	6	2	3	9	2	2	2	2	2	2	4	3	1	13	13	Fair.
Fort Winnebago	58.93	78.90	64.87	67.56	90	57	33	2	4	4	8	4	3	4	13	8	2	2	2	2	2	2	2	2	13	5	13	Ci'dy.
Fort Crawford	65.77	81.70	71.38	72.95	90	62	23	4	1	2	3	2	2	8	2	8	2	2	2	2	2	2	1	1	12	1	18	Fair.
Fort Constitution	60.45	70.97	65.77	65.73	84	54	30	1	1	3	2	1	1	2	2	2	14	14	14	14	14	14	14	14	11	6	20	Fair.
Fort Gratiot	61.58	76.58	66.08	68.08	88	56	32	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	6	5	Fair.
Watervliet Arsenal	64.29	83.09	70.00	72.46	94	60	34	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	6	20	Fair.
Fort Independence	67.35	77.00	72.00	72.11	95	58	37	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	6	19	Fair.

OBSERVATION.

JULY—CONTINUED.

No. VII.

PLACES OF OBSERVATION.	THERMOMETER.				WINDS.							WEATHER.								
	Mean Temperature.				Aggregate Mean Temperature.	Highest degree.	Lowest degree.	Range.	N.	N.W.	E.	S.E.	S.	S.W.	W.	Prevaling.	Days	Days	Days	Prevaling.
	A. M.	P. M.	P. M.	P. M.																
	VII.	II.	IX.		Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days
Fort Dearborn	62.70	72.80	65.77	67.09	84	51	33	11	-	2	4	3	2	4	5	10	12	9	10	Cl'dy.
West Point	67.77	80.41	72.00	73.41	93	53	40	-	3	3	-	2	5	-	-	19	3	9	19	Fair.
Fort Columbus	69.61	79.12	70.32	73.01	89	61	28	1	8	2	-	6	2	-	-	22	10	9	22	Fair.
Alleghany Arsenal	73.80	79.09	71.29	74.72	84	67	17	2	-	3	-	13	3	-	-	16	10	5	16	Fair.
Fort Leavenworth	62.12	86.45	73.25	73.94	96	56	40	1	-	2	1	20	2	1	4	19	9	3	19	Fair.
Fort McHenry	68.09	81.54	74.67	74.76	90	59	31	1	2	1	1	6	6	1	3	24	6	3	24	Fair.
Fort Monroe	72.61	79.87	76.61	76.36	86	67	19	2	-	9	1	3	9	1	4	21	4	6	21	Fair.
Fort Gibson	71.54	89.00	77.83	79.45	98	67	31	2	3	3	4	4	7	5	4	23	5	6	23	Fair.
Fort Towson	72.29	87.19	76.80	78.76	99	70	29	-	1	1	-	1	1	-	-	23	5	3	23	Fair.
Fort Jesup	72.93	89.93	78.19	80.35	94	70	24	8	4	1	-	1	1	-	-	21	-	10	21	Fair.

AUGUST—CONTINUED.

No. VIII.

OBSERVATION.	THERMOMETER.			WINDS.		WEATHER.							
	Mean Temperature.			WINDS.		WEATHER.							
	A. M.	P. M.	P. M.	N.	S. E.	Fair.	Cl'dy.						
Fort Dearborn	55.80	69.35	62.09	13	3	8	3	13	14	14	14	Cl'dy.	
West Point	61.35	75.35	65.96	11	3	8	1	2	2	2	2	Fair.	
Fort Columbus	65.74	73.21	64.83	2	3	8	2	2	2	2	2	Fair.	
Alleghany Arsenal	66.45	71.93	67.09	3	6	6	8	12	12	12	12	Fair.	
Fort Leavenworth	62.41	80.06	70.09	7	3	1	15	1	4	4	4	Cl'dy.	
Fort McHenry	64.54	75.90	69.48	3	1	9	4	4	4	4	4	Fair.	
Fort Monroe	73.45	78.00	75.12	2	12	4	2	2	2	2	2	Fair.	
Fort Gibson	72.35	89.06	78.96	4	3	4	5	2	2	2	2	Fair.	
Fort Towson	71.83	86.83	79.51	3	3	4	7	13	13	13	13	Fair.	
Fort Jesup	70.83	86.80	78.12	7	3	3	2	3	3	3	3	Fair.	
			Aggregate										
			Mean Temperature.										
			Highest degree.										
			Lowest degree.										
			Range.										
				Days	Days	Days	Days	Days	Days	Days	Days	Days	Days
				N. W.	N. E.	E.	S. E.	S.	S. W.	W.			Cl'dy.
				1	3	2	2	2	2	2	2	2	Fair.
				2	2	2	2	2	2	2	2	2	Rain.
				3	3	3	3	3	3	3	3	3	Snow.
				4	4	4	4	4	4	4	4	4	
				5	5	5	5	5	5	5	5	5	
				6	6	6	6	6	6	6	6	6	
				7	7	7	7	7	7	7	7	7	
				8	8	8	8	8	8	8	8	8	
				9	9	9	9	9	9	9	9	9	
				10	10	10	10	10	10	10	10	10	
				11	11	11	11	11	11	11	11	11	
				12	12	12	12	12	12	12	12	12	
				13	13	13	13	13	13	13	13	13	
				14	14	14	14	14	14	14	14	14	
				15	15	15	15	15	15	15	15	15	
				16	16	16	16	16	16	16	16	16	
				17	17	17	17	17	17	17	17	17	
				18	18	18	18	18	18	18	18	18	
				19	19	19	19	19	19	19	19	19	
				20	20	20	20	20	20	20	20	20	
				21	21	21	21	21	21	21	21	21	
				22	22	22	22	22	22	22	22	22	
				23	23	23	23	23	23	23	23	23	
				24	24	24	24	24	24	24	24	24	
				25	25	25	25	25	25	25	25	25	
				26	26	26	26	26	26	26	26	26	
				27	27	27	27	27	27	27	27	27	
				28	28	28	28	28	28	28	28	28	
				29	29	29	29	29	29	29	29	29	
				30	30	30	30	30	30	30	30	30	

PLACES

OF

OBSERVATION.

Fort Dearborn
 West Point
 Fort Columbus
 Alleghany Arsenal
 Fort Leavenworth
 Fort McHenry
 Fort Monroe
 Fort Gibson
 Fort Towson
 Fort Jesup

SEPTEMBER.

No. IX.

PLACES OF OBSERVATION.	THERMOMETER.				WINDS.							WEATHER.									
	Mean Temperature.				Aggregate Mean Temperature.	Highest degree.	Lowest degree.	Range.	Days	Days	Days	Days	Days	Days	Days	Days					
	A. M.	P. M.	P. M.	P. M.																	
	VII.	II.	IX.																		
Fort Brady	42.93	58.20	47.06	49.39	72	31	41	-	13	2	-	3	11	-	5	13	4	12	1	Cl'dy.	
Hancock Barracks	42.73	67.33	55.50	55.18	90	35	55	4	1	1	3	7	7	4	6	19	6	5	-	Fair.	
Fort Mackinack	46.86	57.16	48.36	50.79	73	30	43	3	3	1	9	2	2	3	6	14	6	3	-	Cl'dy.	
Fort Snelling	46.76	65.36	58.30	56.80	74	40	34	4	2	1	4	1	1	6	17	6	7	7	-	Fair.	
Fort Howard	47.43	63.73	53.86	55.00	75	30	45	4	2	2	2	1	1	10	11	7	12	7	-	Cl'dy.	
Fort Winnebago	46.40	65.13	51.46	54.33	81	31	50	7	6	2	3	1	3	2	15	4	11	4	-	Fair.	
Fort Crawford	52.73	68.90	59.86	60.49	80	43	37	5	2	3	1	2	1	12	14	14	9	7	-	Cl'dy.	
Fort Constitution	53.23	62.20	55.90	57.11	80	42	38	2	5	2	3	3	2	9	15	15	14	1	1	-	Fair.
Fort Gratiot	52.40	66.70	56.96	58.68	82	30	52	2	2	6	7	1	4	8	9	9	11	11	1	-	Cl'dy.
Watervliet Arsenal	55.10	70.63	59.76	61.83	88	40	48	5	6	1	2	3	3	8	14	14	10	6	-	Cl'dy.	
Fort Independence	57.16	66.20	61.76	61.70	88	40	48	-	8	1	9	4	-	-	20	20	10	-	-	Fair.	

OCTOBER.

No. X.

PLACES OF OBSERVATION.	THERMOMETER.				WINDS.							WEATHER.									
	Mean Temperature.				Range.	Highest degree.	Lowest degree.	N.	N.W.	N.E.	E.	S.E.	S.	S.W.	W.	Prevaling.	Days	Days	Days	Days	
	A. M.		P. M.																		Aggregate Mean Temperature.
	VII.	II.	IX.		Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	
Fort Brady.	30.83	44.06	37.80	37.56	36	55	19	2	11	7	1	5	1	3	1	1	11	5	6	6	Cl'dy.
Hancock Barracks	31.64	43.96	38.70	38.10	51	71	20	6	4	2	6	6	2	2	3	3	20	4	5	2	Fair.
Fort Mackinack	34.96	41.83	36.41	37.73	52	52	22	3	8	3	2	2	6	6	6	6	11	18	1	1	Cl'dy.
Fort Snelling	32.00	50.09	43.74	41.94	44	64	20	7	2	2	4	1	3	2	10	10	23	6	1	1	Fair.
Fort Howard	33.90	46.77	40.32	40.33	41	63	22	4	2	3	3	2	9	2	8	8	15	8	6	2	Cl'dy.
Fort Winnebago	30.54	44.77	34.96	36.75	44	64	15	4	4	6	3	2	2	3	3	3	10	13	5	3	Cl'dy.
Fort Crawford	34.64	49.58	40.93	41.71	46	64	18	12	-	2	3	1	9	2	2	2	18	10	1	2	Fair.
Fort Constitution	38.61	51.67	43.22	44.50	30	60	30	2	7	3	1	5	6	7	7	7	22	7	2	2	Fair.
Fort Gratiot	35.32	46.80	40.90	41.00	37	60	23	8	11	1	1	1	10	4	2	2	6	11	12	6	Cl'dy.
Waterviet Arsenal	35.45	50.45	39.96	41.95	55	71	16	7	6	2	1	5	4	4	2	2	18	6	6	1	Fair.
Fort Independence	41.61	52.96	46.74	47.10	44	74	30	-	17	4	1	-	-	9	-	-	23	2	6	-	Fair.

NOVEMBER.

No. XI.

PLACES OF OBSERVATION.	THERMOMETER.				WINDS.							WEATHER.													
	Mean Temperature.		A. M.	P. M.	P. M.	IX.	Aggregate	Highest degree.	Lowest degree.	Range.	Days	N. W.	N. E.	S. E.	S. W.	S.	S. W.	W.	Days	Fair.	Cl'dy.	Rain.	Snow.	Days	Prevaling.
	Mean Temperature.																								
	Aggregate		VII.		II.		IX.																		
Mean Temperature.		VII.		II.		IX.																			
Fort Brady	27.96	38.60	33.03	33.19	48	10	38	1	8	7	2	9	1	1	2	2	2	2	2	2	10	8	7	5	Cl'dy.
Hancock Barracks	25.43	35.46	29.43	30.10	68	13	55	11	7	-	1	5	3	1	6	6	6	6	6	6	19	7	2	2	Fair.
Fort Mackinack	31.73	37.40	33.20	34.11	48	14	34	5	5	3	2	4	2	2	2	2	2	2	2	2	11	15	7	4	Cl'dy.
Fort Snelling	26.76	39.53	36.83	34.37	56	18	42	11	2	3	1	2	3	4	4	4	4	4	4	4	21	6	2	2	Fair.
Fort Howard	29.86	39.46	34.73	34.68	48	18	30	6	3	2	2	2	8	3	3	3	3	3	3	3	13	7	5	1	Cl'dy.
Fort Winnebago	26.06	37.83	29.86	31.25	52	6	46	4	10	3	3	2	4	1	4	4	4	4	4	4	11	14	4	1	Cl'dy.
Fort Crawford	29.76	41.03	33.70	34.83	53	10	43	10	2	1	1	2	1	10	15	13	1	1	1	1	15	18	1	1	Fair.
Fort Constitution	32.66	41.33	35.90	36.63	51	20	31	3	10	3	1	2	2	2	2	2	2	2	2	2	16	9	4	1	Fair.
Fort Gratiot	32.00	42.06	35.70	36.58	57	16	41	-	5	4	-	8	1	8	1	12	12	12	12	8	12	6	4	4	Cl'dy.
Watervliet Arsenal	30.06	42.46	33.46	35.32	64	11	53	7	8	1	1	4	4	4	4	4	4	4	4	4	12	13	4	1	Cl'dy.
Fort Independence	32.67	41.00	36.87	36.84	60	16	44	-	12	8	-	1	1	2	-	-	-	-	-	20	3	3	3	4	Fair.

No. XI. NOVEMBER—CONTINUED.

OBSERVATION.	THERMOMETER.			WINDS.												WEATHER.																	
	Mean Temperature.			N. W.			N. E.			E.			S. E.			S. W.			Fair.			C'dy Rain.			Snow.								
	A. M.	P. M.	P. M.	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days						
Fort Dearborn	30.46	39.40	33.66	6	6	2	1	3	1	3	1	3	1	3	1	3	1	3	1	3	1	3	1	3	1	3	1	3					
West Point	34.50	44.80	39.23	2	15	1	3	2	1	5	4	1	8	1	4	1	6	1	3	1	5	4	1	8	1	4	1	6					
Fort Columbus	35.50	44.23	36.26	3	7	3	6	5	1	2	1	5	1	8	1	4	1	6	1	3	1	5	1	8	1	4	1	6					
Alleghany Arsenal	22.60	44.10	25.83	9	4	6	-	-	-	5	4	1	5	7	2	2	2	4	1	6	2	2	2	4	1	6	2	2					
Fort Leavenworth	30.30	50.43	37.16	7	4	4	-	-	-	4	1	6	2	7	2	2	2	4	1	6	2	2	2	4	1	6	2	2					
Fort McHenry	36.53	47.20	41.10	2	13	4	4	4	2	1	1	1	1	6	2	2	2	4	1	6	2	2	2	4	1	6	2	2					
Fort Monroe	42.00	48.70	44.96	4	5	5	2	1	1	5	1	1	1	3	1	1	1	1	1	3	1	1	1	1	1	1	1	1	1				
Fort Gibson	39.33	58.16	46.00	8	4	2	7	4	4	1	1	1	1	3	1	1	1	1	1	3	1	1	1	1	1	1	1	1	1				
Fort Towson	38.26	59.56	46.86	7	1	3	3	3	3	4	1	1	1	4	1	1	1	1	1	4	1	1	1	1	1	1	1	1	1				
Fort Jessup	38.33	60.96	49.56	11	2	2	4	-	-	2	2	3	6	2	3	6	2	3	4	2	3	6	2	3	6	2	3	6	2				
			Aggregate Mean Temperature.	Highest degree.			Lowest degree.			Range.			Prevalings.			Days.			Days.			Days.			Days.			Prevalings.			Days.		
			34.50	47	14	33	19	19	14	33	6	6	2	1	3	1	3	1	3	1	3	1	3	1	3	1	3	1	3	1	3		
			39.23	66	21	45	24	24	21	45	2	15	1	3	2	1	5	4	1	8	1	4	1	6	1	3	1	5	4	1	6		
			36.26	59	24	25	16	16	24	25	3	7	3	6	5	1	2	1	5	7	2	2	2	2	4	1	6	2	2	2	4		
			30.84	48	15	53	15	15	15	53	9	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
			39.29	68	25	35	25	25	25	35	2	13	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
			41.61	60	25	31	25	25	31	60	4	5	5	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
			45.22	56	30	46	30	30	46	56	4	4	2	7	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
			47.83	76	27	46	27	27	46	76	8	1	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
			48.22	73	27	46	27	27	46	73	7	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
			49.61	76	34	42	34	34	42	76	11	2	2	4	2	3	6	2	3	6	2	3	6	2	3	6	2	3	6	2	3	6	2

DECEMBER.

No. XII.

PLACES	THERMOMETER.				WINDS.				WEATHER.									
	Mean Temperature.				Highest degree.	Lowest degree.	Range.	Days				Days	Days	Days				
	A. M.	P. M.	P. M.	P. M.				Winds							Weather			
	VII.	II.	IX.	IX.	Directions				Prevailing									
Fort Brady	15.16	24.29	20.29	19.91	42	8	50	6	9	2	2	3	3	S. E.	-	1	15	Cl'dy.
Hancock Barracks	11.25	22.87	17.45	17.19	43	23	66	2	5	2	2	2	2	N.	5	2	2	Fair.
Fort Mackinack	20.19	24.64	22.83	22.55	44	2	42	2	1	2	3	3	3	W.	9	1	2	Cl'dy.
Fort Snelling	10.16	24.41	22.45	19.00	48	28	76	6	1	2	6	4	8	W.	7	9	5	Fair.
Fort Howard	18.80	27.45	24.83	23.69	42	8	50	4	3	2	3	1	1	S.	2	2	6	Fair.
Fort Winnebago	11.58	22.45	16.93	16.98	43	17	60	3	3	2	3	1	3	N. W.	1	9	2	Fair.
Fort Crawford	15.03	26.00	20.51	20.51	45	23	67	1	1	1	1	1	6	S.	6	10	2	Fair.
Fort Constitution	24.51	34.09	26.83	28.47	47	2	45	2	1	1	4	6	1	N. W.	2	7	3	Fair.
Fort Gratiot	23.38	30.77	27.29	27.14	45	1	44	5	4	4	4	15	1	S. W.	1	15	5	Cl'dy.
Watervliet Arsenal	20.64	30.83	23.32	24.93	44	4	48	6	4	1	4	7	4	S.	4	9	3	Fair.
Fort Independence	25.41	34.32	30.00	29.91	52	3	49	14	1	3	13	13	4	N. W.	-	4	2	Fair.

DECEMBER—CONTINUED.

No. XII.

PLACES or OBSERVATION.	THERMOMETER.				WINDS.							WEATHER.										
	Mean Temperature.		Aggregate Mean Temperature.		Highest degree.		Lowest degree.		Range.		N.W.		E.		S.		S.W.		W.			
	A. M.	P. M.	P. M.	P. M.	VII.	II.	IX.	Aggregate	Highest degree.	Lowest degree.	Range.	Days	Days	Days	Days	Days	Days	Days	Days	Days		
Fort Dearborn	22.29	26.96	23.92	24.36	3	42	3	42	1	2	1	8	7	12	7	3	5*	12	7	3	5*	
West Point	24.38	35.87	27.32	29.19	3	53	3	53	5	13	8	7	11	18	11	2	-	20	3	2	7	1
Fort Columbus	28.29	35.48	29.77	31.18	9	40	9	40	3	3	4	1	4	20	3	7	1	20	3	7	2	1
Alleghany Arsenal	15.52	32.20	19.48	22.40	4	41	4	41	16	5	5	11	4	16	5	2	-	16	12	2	2	1
Fort Leavenworth	20.38	35.32	26.93	27.54	5	59	5	59	3	5	5	11	4	3	5	11	2	15	14	3	3	1
Fort McHenry	36.53	47.20	41.10	41.61	40	14	40	14	6	3	8	2	5	6	3	5	4	25	25	3	6	1
Fort Monroe	35.87	39.67	38.16	37.90	20	62	20	62	6	1	3	5	3	6	1	3	2	24	24	6	3	2
Fort Gibson	32.09	47.80	38.80	39.56	10	56	10	56	5	3	2	7	6	19	6	3	2	19	6	3	2	6
Fort Towson	33.54	49.84	40.70	41.36	16	34	16	34	4	5	4	10	10	24	5	5	2	24	5	5	5	1
Fort Jesup	38.38	54.09	47.29	46.58	17	49	17	49	11	6	4	1	4	23	1	6	-	23	1	6	1	1

* For 27 days.

MEAN OF OBSER

PLACES OF OBSERVATION.	THERMOMETER.								Highest degree.
	Mean Temperature.								
	Year.	Winter.	Spring.	Summer.	Autumn.	A. M.	P. M.	P. M.	
						VII.	II.	IX.	
Fort Brady	36.93	16.24	32.71	59.02	39.76	29.11	46.32	35.67	89
Hancock Barracks	39.44	15.14	37.30	64.23	41.12	30.14	49.00	39.21	99
Fort Mackinack	36.41	17.00	31.00	57.66	40.00	33.15	42.69	36.01	80
Fort Snelling	42.06	16.25	42.84	67.91	41.17	33.62	50.76	44.47	93
Fort Howard	42.58	21.72	40.80	64.61	43.21	34.87	51.15	42.35	97
Fort Winnebago	41.22	21.43	39.16	63.79	40.51	32.95	48.40	39.09	90
Fort Crawford	45.56	22.76	44.62	69.20	45.67	38.05	52.12	44.04	90
Fort Constitution	42.85	24.52	40.18	60.65	46.08	38.13	48.76	41.69	83
Fort Gratiot	42.68	23.78	38.82	62.73	45.42	37.25	49.25	41.57	90
Watervliet Arsenal	44.31	20.29	42.66	67.96	46.36	36.92	54.45	41.60	94
Fort Independence	45.91	24.23	44.63	65.91	48.90	41.53	51.35	46.14	95
Fort Dearborn	42.78	22.97	41.09	62.89	44.20	39.22	47.64	41.49	84
West Point	47.65	24.82	46.54	68.73	50.53	41.81	55.19	46.38	94
Fort Columbus	47.27	26.83	44.84	67.92	49.49	43.76	52.46	45.46	89
Alleghany Arsenal	48.42	24.01	53.48	72.25	43.95	44.29	55.01	45.44	84
Fort Leavenworth	49.95	29.63	51.12	71.51	49.92	41.39	59.51	49.02	97
Fort McHenry	51.55	30.80	50.41	69.83	55.17	46.19	57.35	50.79	92
Fort Monroe	56.04	36.07	54.89	74.37	58.86	52.65	59.80	55.69	88
Fort Gibson	59.89	41.13	60.95	78.11	59.48	52.32	69.13	58.24	102
Fort Towson	60.08	42.43	59.73	77.90	60.29	52.33	68.74	59.22	99
Fort Jesup	63.80	50.48	64.50	78.53	61.71	55.18	72.70	63.55	94

VARIATIONS FOR 1836.

Lowest degree.	Range for the year.	Mean monthly range.	WINDS.									WEATHER.				
			N.	N. W.	N. E.	E.	S. E.	S.	S. W.	W.	Prevaling.	Fair.	Cloudy.	Rain.	Snow.	
			Days.	Days.	Days.	Days.	Days.	Days.	Days.	Days.	Days.	Days.	Days.	Days.	Days.	Days.
-25	114	51.1	23	99	39	19	127	15	32	12	S. E.	164	74	65	63	Cl'dy.
-23	122	56.5	74	46	39	33	57	61	28	28	N.	259	41	39	27	Fair.
-22	102	42.4	34	73	27	63	38	23	32	76	W.	188	150	14	4	Fair.
-28	121	51.4	61	68	20	29	41	65	28	54	S.	236	57	41	32	Fair.
-17	114	49.8	63	41	38	27	24	99	26	48	S.	191	73	70	32	Fair.
-22	112	52.4	35	62	53	33	41	56	42	44	N. W.	200	64	79	23	Fair.
-22	112	55.7	73	49	21	28	15	100	28	52	S.	196	106	40	24	Fair.
-10	93	36.	23	77	63	16	24	35	37	71	N. W.	216	118	23	9	Fair.
-18	108	47.5	5	57	118	7	40	11	120	8	S. W.	126	92	97	51	Cl'dy.
-26	120	53.6	59	70	24	11	62	68	32	40	N. W.	196	107	45	18	Fair.
-7	102	41.8	4	134	106	14	11	2	85	10	N. W.	227	107	19	13	Fair.
-12	96	44.4	115	29	20	28	16	51	56	47	N.	121	160	64	17	Cl'dy.
-10	104	48.	8	146	37	8	36	51	65	15	N. W.	205	117	34	10	Fair.
0	89	34.8	20	77	77	13	50	19	60	50	N. W.	207	76	69	14	Fair.
10	74	36.5	90	24	61	2	12	60	108	9	S. W.	188	119	51	8	Fair.
-7	104	46.2	77	18	7	10	28	152	22	52	S.	185	133	41	7	Fair.
-1	93	35.	25	70	89	13	34	38	51	46	N. W.	231	81	44	7	Fair.
-8	80	33.7	29	25	126	17	28	42	78	21	S. W.	236	57	67	6	Fair.
10	92	44.5	52	48	35	66	50	49	26	40	E.	214	52	89	11	Fair.
7	92	37.0	53	16	17	26	46	103	74	31	S.	232	95	38	1	Fair.
14	80	38.7	100	28	45	46	21	22	39	65	N.	226	18	121	1	Fair.

* For 362 days.

No. I. JANUARY—CONTINUED.

PLACES OF OBSERVATION.	THERMOMETER.				Range.	Rain, Inches.	WINDS.								WEATHER.												
	Mean Temperature.						Highest degree.	Lowest degree.	N.		N.W.		E.		S.E.		S.		S.W.		W.		Prevaling.	Days.	Days.	Days.	Days.
	A. M.	P. M.	P. M.	P. M.					Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days					
Ft. Wood, N. Y.	22.48	29.32	27.29	26.36	41	10	31	2.70	-	10	4	-	-	-	1	8	8	14	9	2	6	Cl'dy.	6	Cl'dy.	3		
Alleghany Ar'nal	14.12	23.25	13.00	16.79	46	2	44	2.66	11	3	8	-	2	2	9	4	1	7	17	4	3	Fair.	1	Fair.	1		
Ft. Leavenworth	19.29	35.22	24.51	26.34	46	-	48	.11	4	7	4	-	-	-	2	6	5	22	8	-	1	Fair.	1	Fair.	1		
Fort McHenry	23.45	34.51	28.35	28.77	47	14	32	1.60	4	9	7	-	-	4	4	5	9	19	10	1	4	Fair.	1	Fair.	1		
Fort Monroe	30.12	36.74	31.93	32.93	46	14	32	1.60	7	3	3	-	6	3	2	2	2	22	6	2	2	Fair.	1	Fair.	1		
Fort Gibson	30.00	46.19	34.58	36.92	62	18	44	3.01	6	4	1	7	6	3	5	11	8	25	6	2	2	Fair.	1	Fair.	1		
Fort Towson	32.00	49.16	40.38	40.51	71	23	48	1.00	1	4	2	5	3	2	1	2	8	21	2	2	8	Fair.	1	Fair.	1		
Fort Jesup	36.15	52.19	47.29	45.21	71	29	42	1.75	13	3	3	2	-	1	-	8	4	21	-	-	12	Fair.	1	Fair.	1		
Fort Marion	44.48	59.64	50.83	51.65	73	48	25	-	2	9	6	-	-	-	-	1	4	19	-	-	-	Fair.	1	Fair.	1		

FEBRUARY.

No. II.

PLACES	THERMOMETER.			Rain, Inches.	WINDS.								WEATHER.								
	Mean Temperature.				Highest degree.	Lowest degree.	Range.	N. N.W.		N. E.		S. E.		S. W.		Prevaling.	Days.	Days.	Days.		
	A. M.	P. M.	P. M.					Days	Days	Days	Days	Days	Days	Days	Days					Days	
Fort Brady	3.17	22.03	15.64	13.61	41	-30	71	1.15	-	4	9	1	12	-	2	2	4	18	4	6	Cl'dy.
Hancock Bar'ks	8.32	25.39	15.42	16.37	54	-16	70	4.40	8	7	1	1	3	3	2	2	21	3	21	4	Fair.
Fort Snelling	16.03	32.75	26.46	25.08	42	-10	52	.35	11	-	1	2	6	8	-	3	18	5	3	2	Fair.
Fort Howard	15.10	31.03	24.21	23.44	43	5	38	.88	7	2	4	3	1	9	-	2	16	2	1	9	Fair.
Fort Winnebago	13.50	27.19	18.39	19.68	39	6	45	.91	6	4	6	2	2	3	3	2	14	9	1	4	Fair.
Fort Crawford	18.50	31.50	27.53	25.84	46	2	36	2.70	6	-	3	4	1	9	1	7	8	7	3	3	Fair.
Fort Constitution	20.14	29.00	23.28	24.14	36	0	36	1.53	3	7	2	2	2	6	1	2	16	8	1	4	Fair.
Watervliet Ar'nal	16.96	32.14	20.00	23.03	56	-12	68	2.82	3	4	2	3	6	4	2	3	15	8	1	4	Fair.
Watertown "	19.85	31.00	26.92	25.92	44	-4	48	2.95	5	1	2	1	4	4	3	3	14	9	1	3	Fair.
West Point	22.42	34.32	25.89	27.54	46	-2	48	5.10	1	14	2	5	3	3	1	2	19	7	1	1	Fair.

OBSERVATION.

MARCH—CONTINUED.

No. III.

PLACES	THERMOMETER.			Rain, Inches.	WINDS.						WEATHER.			Prevaling.				
	Mean Temperature.	Range.			Highest degree.	Lowest degree.	N.W.		E.S.		S.W.		Fair.		Cl'dy.	Snow.		
		A. M.	P. M.				P. M.	Days	Days	Days	Days	Days					Days	
FL. Wood, N. Y.	30.48	38.48	35.77	34.91	52	11	1	3	10	1	6	5	4	19	4	7	1	Fair.
Alleghany Ar'nal	22.45	37.61	23.16	27.74	48	8	2	2	5	2	7	7	2	13	10	2	6	Cl'dy.
Ft. Leavenworth	27.96	46.74	35.03	36.57	74	7	67	2	2	1	1	10	3	20	8	2	1	Fair.
Fort McHenry	34.35	47.41	40.74	40.83	60	12	48	6	6	3	2	3	3	21	3	7	1	Fair.
Fort Monroe	42.09	49.54	46.16	45.93	62	28	34	6	1	2	10	8	4	23	4	4	6	Cl'dy.
Fort Gibson	53.29	67.25	56.51	59.01	82	30	52	1	3	2	7	2	4	13	10	2	6	Cl'dy.
Fort Towson	44.03	62.25	52.54	52.94	86	34	52	10	1	2	7	2	11	19	3	9	6	Fair.
Fort Jesup	46.58	64.03	57.19	55.73	78	37	41	13	4	2	2	2	2	21	10	10	6	Fair.
Fort Marion	53.29	67.25	56.51	59.01	84	38	46	8	3	6	2	2	4	18	7	6	6	Fair.

70111

APRIL.

No. IV.

PLACES	THERMOMETER.			Highest degree.	Lowest degree.	Range.	Rain, Inches.	WINDS.								WEATHER.				Prevaling.
	Mean Temperature.	P. M.	A. M.					N.	N.W.	N.E.	E.	S.	S.W.	W.	Days	Days	Days	Days	Days	
Fort Brady	30.44	28.20	19.13	61	-2	59	1.32	3	13	2	2	2	2	2	6	24	1	1	4	Fair.
Hancock Bar'ks	39.42	37.33	31.93	75	29	46	2.99	7	6	2	4	1	2	2	2	22	5	2	1	Fair.
Fort Snelling	41.33	43.93	29.20	78	22	56	.95	13	1	6	7	2	2	6	18	14	2	2	2	Fair.
Fort Howard	38.03	38.83	26.16	70	6	64	3.53	11	4	5	4	1	5	2	14	9	9	6	2	Cl'dy.
Fort Winnebago	36.44	34.76	27.36	70	10	60	2.41	7	8	2	5	2	3	1	19	3	3	6	2	Fair.
Fort Crawford	42.56	43.30	32.33	78	32	62	3.00	17	1	4	1	2	3	6	22	3	2	2	3	Fair.
Fort Constitution	41.45	40.16	36.20	74	12	63	4.37	4	2	2	3	2	2	2	18	10	3	2	2	Fair.
WaterVliet Ar'nal	42.58	41.03	35.16	72	33	39	1.34	3	10	3	3	2	1	6	22	5	2	3	3	Fair.
Watertown "	44.20	45.13	34.86	72	23	49	3.43	-	9	1	3	2	2	1	22	12	3	4	4	Fair.
West Point	45.45	44.06	37.76	75	22	53	7.75	-	20	3	-	3	2	4	17	17	12	1	1	Cl'dy.

OBSERVATION.

APRIL—CONTINUED.

No. IV.

OBSERVATION.	THERMOMETER.			Rain, Inches.	WINDS.								WEATHER.									
	Mean Temperature.	Range.			Highest degree.	Lowest degree.	N. W.		N. E.		E.		S. E.		S.	S. W.	W.	W. N. E.	Fair.	C'dy.	Rain.	Snow.
		A. M.	P. M.				P. M.	P. M.	Days	Days	Days	Days	Days	Days								
Ft. Wood, N. Y.	39.00	51.43	46.03	45.48	72	32	40	7.50	1	6	4	1	1	14	2	17	5	7	1	1	1	Fair.
Alleghany Ar'nal	25.83	41.73	26.23	31.26	62	10	52	1.00	9	6	3	6	6	6	7	16	12	1	1	1	2	Fair.
Ft. Leavenworth	37.20	57.53	46.90	47.21	91	22	69	1.63	10	1	2	2	1	9	7	15	10	3	3	3	2	Fair.
Fort McHenry	41.56	57.33	48.36	49.08	77	34	43	2.10	2	6	1	1	3	2	8	22	5	2	2	2	1	Fair.
Fort Monroe	50.40	58.00	53.10	53.83	78	34	44	.90	4	1	1	2	1	4	3	22	6	2	6	2	2	Fair.
Fort Gibson	47.33	66.56	53.33	55.74	88	32	56	4.30	8	1	3	5	6	3	1	14	10	10	6	6	4	C'dy.
Fort Towson	49.70	68.40	57.96	58.68	82	40	42	2.50	2	2	9	3	3	2	7	19	7	7	4	4	4	Fair.
Fort Jesup	51.90	72.46	63.36	62.57	84	36	48	1.63	6	6	6	1	2	2	7	22	4	4	4	4	8	Fair.
Fort Marion	57.40	75.20	64.00	65.53	86	59	27	-	6	3	4	2	3	4	6	16	6	6	6	6	8	Fair.

MAY—CONTINUED.

No. V.

PLACES OF OBSERVATION.	Mean Temperature.		THERMOMETER.		Highest degree.	Lowest degree.	Range.	Rain, Inches.	WINDS.								WEATHER.						
	A. M.	P. M.	P. M.	P. M.					N.	N. W.	N. E.	E.	S. E.	S.	S. W.	W.	Fair.	Cloudy.	Rain.	Snow.	Days.	Days.	Days.
Ft. Wood, N. Y.	49.96	60.80	55.12	55.29	77	39	38	9.50	4	4	10	3	9	1	S. E.	16	2	13	16	2	13	Fair.	
Alleghany Ar'nal	55.64	68.70	54.74	59.69	85	32	53	4.64	6	1	3	10	5	5	S.	16	4	11	16	4	11	Fair.	
Ft. Leavenworth	49.16	71.06	57.61	59.27	78	41	37	3.32	6	1	2	13	5	6	S. E.	22	6	3	22	6	3	Fair.	
Fort McHenry	55.58	70.29	60.93	62.26	86	45	41	4.20	1	2	7	4	5	7	S. E.	25	5	3	25	5	3	Fair.	
Fort Monroe	62.12	67.41	63.67	64.40	84	54	30	2.20	2	4	6	8	2	7	S.	23	6	7	23	6	7	Fair.	
Fort Gibson	58.00	76.45	64.64	66.36	88	42	46	4.45	6	2	5	3	4	3	S. E.	18	7	7	18	6	7	Fair.	
Fort Towson	57.45	77.03	65.77	66.75	85	60	25	6.30	7	4	7	4	13	8	S. W.	20	4	7	20	4	7	Fair.	
Fort Jesup	59.12	84.22	71.16	71.50	92	46	46	2.55	8	2	2	1	6	7	W.	24	-	7	24	-	7	Fair.	
Fort Marion	65.25	85.09	69.25	73.19	97	59	38	-	2	6	5	4	7	2	S. W.	25	-	6	25	-	6	Fair.	

JUNE.

No. VI.

PLACES	THERMOMETER.			Rain, Inches.	WINDS.	W.EATHER.	Prevaling.				
	Mean Temperature.							Days	Days	Days	Days
	A. M.	P. M.	P. M.								
Fort Brady	46.20	69.10	52.33	3.66	3	7	4	18	1	11	Fair.
Hancock Bar'ks	51.53	70.03	60.83	2.95	7	1	3	18	7	5	Fair.
Fort Snelling	55.30	73.16	65.06	3.46	12	2	8	17	2	11	Fair.
Fort Howard	51.63	74.80	60.60	4.31	5	3	3	13	6	11	C'd'y.
Fort Winnebago	53.46	76.40	65.33	4.80	6	3	5	15	3	12	Fair.
Fort Crawford	59.76	75.60	66.90	4.40	4	3	2	10	13	7	C'd'y.
Fort Constitution	54.43	65.63	57.30	4.09	1	3	6	16	11	3	Fair.
Watervliet Ar'nal	60.70	74.76	63.86	4.73	2	4	7	19	5	6	Fair.
Watertown "	55.26	72.50	63.30	4.34	3	3	3	17	7	5	Fair.
West Point	61.40	75.33	64.76	13.10	2	5	1	12	16	2	C'd'y.

PLACES

OF

OBSERVATION.

No. VII.

JULY.

PLACES or OBSERVATION.	THERMOMETER.			Rain, Inches.	WINDS.							WEATHER.							
	Mean Temperature.				Highest degree.	Lowest degree.	Range.	Prevaling.	Days	Days	Days	Days	Days	Days	Days	Days			
	A. M.	P. M.	P. M.																
Fort Brady	48.09	70.54	54.41	83	43	40	4.62	8	2	1	8	4	4	4	10	9	10	Fair.	Cl'dy.
Hancock Bar'ks	53.00	73.80	62.93	85	50	35	4.80	7	1	2	4	4	4	3	19	6	6	Fair.	Fair.
Fort Snelling	57.19	82.35	70.03	92	56	36	2.73	7	2	2	2	5	8	8	20	4	7	Fair.	Fair.
Fort Howard	57.19	81.19	64.74	92	52	40	5.67	2	3	3	5	6	3	4	21	4	6	Fair.	Fair.
Fort Winnebago	58.77	82.70	63.41	89	54	35	5.66	2	2	1	6	6	3	8	18	5	8	Fair.	Fair.
Fort Crawford	65.80	81.83	73.61	93	62	31	1.83	4	3	2	3	6	3	10	20	6	5	Fair.	Fair.
Fort Constitution	57.32	68.22	61.48	79	53	26	1.05	2	3	3	3	8	3	7	24	6	1	Fair.	Fair.
Watervliet Ar'nal	64.77	79.03	67.32	88	60	28	2.92	2	2	1	4	7	9	5	20	6	5	Fair.	Fair.
Watertown "	58.61	76.77	67.70	88	52	36	1.84	1	5 ¹ / ₂	4	2	1	14	2	21	6 ¹ / ₂	3	Fair.	Fair.
West Point	64.96	81.54	68.32	92	65	27	8.75	1	7	4	4	9	2	9	21	3	7	Fair.	Fair.

JULY—CONTINUED.

No. VII.

PLACES	THERMOMETER.			Rain, Inches.	WINDS.								WEATHER.					
	Mean Temperature.				Highest degree.	Lowest degree.	Range.	N.		N. W.		E.		S. W.		Fair.	Rain.	Snow.
	A. M.	P. M.	P. M.					Days	Days	Days	Days	Days	Days	Days	Days			
Fl. Wood, N. Y.	63.22	76.83	68.48	69.51	86	60	26	1	3	4	12	6	S. W.	19	2	10	Fair.	
Alleghany Ar'nal	71.06	82.51	69.77	74.44	87	62	25	3	2	15	9	2	S.	16	11	4	Fair.	
Ft. Leavenworth	71.19	92.38	80.83	81.46	98	60	38	3	-	29	4	2	W.	28	1	2	Fair.	
Fort McHenry	67.09	83.51	73.58	74.72	94	62	32	4	2	4	4	3	W.	25	1	5	Fair.	
Fort Monroe	75.19	86.51	78.64	80.11	102	72	30	2	8	3	13	3	S.	22	1	1	Fair.	
Fort Gibson	76.80	91.35	83.58	83.91	98	72	26	2	1	6	6	4	E.	23	3	5	Fair.	
Fort Towson	75.03	90.09	80.45	81.85	95	74	21	2	-	7	10	6	S.	24	2	2	Fair.	
Fort Jesup	72.93	88.09	80.32	80.44	96	72	24	-	4	1	3	4	W.	17	-	14	Fair.	
Fort Marion	75.61	84.77	79.09	79.82	88	71	17	-	1	4	5	8	N. E.	24	-	7	Fair.	

OBSERVATION.

07

SEPTEMBER.

No. IX.

PLACES or OBSERVATION.	THERMOMETER.				Rain, Inches.	WINDS.						WEATHER.								
	Mean Temperature.					Range.	Highest degree.	Lowest degree.	N.		S.		E.		W.		Days	Days	Days	Prevailing
	A. M.	P. M.	P. M.	P. M.					Days	Days	Days	Days	Days	Days	Days	Days				
Fort Brady	46.56	61.60	51.16	53.10	4.97	71	38	33	4	2	3	4	13	2	1	1	13	1	16	Cl'dy.
Hancock Bar'ks	44.43	68.00	58.13	56.85	3.54	84	41	43	9	3	4	-	8	8	7	3	21	4	5	Fair.
Fort Snelling	51.63	66.50	57.06	58.39	5.10	83	39	44	2	5	4	2	6	7	2	2	12	6	12	Cl'dy.
Fort Howard	49.06	66.73	55.03	56.94	4.44	84	40	44	4	2	4	1	6	10	2	2	10	3	17	Cl'dy.
Fort Winnebago	48.83	66.43	52.06	55.77	5.39	87	34	53	4	6	3	3	7	4	2	2	12	4	14	Cl'dy.
Fort Crawford	53.53	68.80	61.10	61.14	7.18	85	41	44	1	3	-	1	1	11	4	9	12	8	10	Cl'dy.
Fort Constitution	49.96	62.06	54.23	55.41	.83	82	45	37	3	7	3	2	1	7	2	5	23	7	1	Fair.
Watervliet Ar'nal	55.40	64.16	56.46	58.67	1.15	86	42	36	6	5	2	1	9	3	3	3	23	4	3	Fair.
Watertown "	49.26	68.26	59.93	59.15	.51	84	34	50	1	3	1	2	6	1	10	5	18	11	18	Fair.
West Point	54.80	70.73	59.76	61.76	3.55	82	39	43	1	10	1	-	8	5	5	19	9	9	2	Fair.

SEPTEMBER—CONTINUED.

No. IX.

PLACES OF OBSERVATION.	THERMOMETER.			Rain, Inches.	WINDS.						WEATHER.												
	Mean Temperature.				Highest degree.	Lowest degree.	Range.	N. W.		N. E.		S. E.		S. W.		Prevaling.							
	A. M.	P. M.	P. M.					Days	Days	Days	Days	Days	Days	Days	Days		Days	Days	Days				
Ft. Wood, N. Y.	56.43	68.80	61.33	62.18	78	54	24	2	3	8	3	5	4	4	1	1	18	8	4	18	8	4	Fair.
Alleghany Ar'nal	49.03	68.60	54.66	57.43	70	42	28	10	1	2	4	4	4	7	-	-	20	8	2	20	8	2	Fair.
Ft. Leavenworth	56.63	72.56	65.53	64.90	88	39	49	2	2	4	4	4	19	5	-	-	16	7	7	16	7	7	Fair.
Fort McHenry	57.93	70.63	64.93	64.49	80	52	28	4	4	3	5	6	3	1	4	4	24	3	3	24	3	3	Fair.
Fort Monroe	64.10	74.96	66.46	68.50	92	62	30	1	6	5	11	3	4	5	2	2	20	3	9	20	3	9	Fair.
Fort Gibson	64.63	80.23	71.86	72.24	92	50	42	7	4	2	3	4	5	4	3	1	13	3	8	13	3	8	Cl'dy.
Fort Towson	66.26	79.26	71.13	72.21	88	54	34	6	2	2	4	11	6	2	2	2	10	13	7	10	13	7	Cl'dy.
Fort Jesup	68.40	79.70	74.73	74.27	88	57	31	-	4	6	9	2	2	2	3	3	13	-	-	13	-	-	Cl'dy.
Fort Marion	73.76	82.16	74.66	76.86	86	71	15	-	-	11	2	16	-	1	-	-	19	-	-	19	-	-	Fair.

OCTOBER.

No. X.

PLACES OF OBSERVATION.	THERMOMETER.			Rain, Inches.	WINDS.										WEATHER.										
	Mean Temperature.				Range.	N. N.W. N. E.		E. S. E.		S. S. W.		W.		Days	Days	Days	Days	Prevaling.							
	A. M.	P. M.	P. M.			Highest degree.	Lowest degree.	Days	Days	Days	Days	Days	Days						Days	Days	Days	Days			
Fort Brady	33.70	47.93	39.06	40.23	49	22	27	4.13	6	8	5	3	4	2	2	13	4	4	12	2	2	4	13	13	Fair.
Hancock Bar'ks	33.48	49.64	40.48	41.20	75	29	46	2.40	9	2	-	2	1	4	5	20	4	4	5	2	5	2	20	20	Fair.
Fort Snelling	38.41	56.00	45.19	46.53	70	22	48	3.15	1	7	2	3	1	8	3	15	5	11	7	-	-	-	15	15	Fair.
Fort Howard	37.48	53.77	45.45	45.56	70	28	42	1.17	4	2	6	4	1	4	3	16	8	9	8	-	-	-	16	16	Fair.
Fort Winnebago	35.35	52.93	40.67	46.31	71	16	55	.79	13	6	4	3	-	7	3	14	14	14	8	-	-	-	14	14	Fair.
Fort Crawford	39.96	58.70	51.54	50.06	79	25	54	1.16	5	6	2	2	1	7	8	20	20	5	6	-	-	-	20	20	Fair.
Fort Constitution	42.45	53.12	46.35	47.30	70	32	38	1.48	3	6	6	2	1	3	7	20	20	9	6	-	-	-	20	20	Fair.
Watervliet Ar'nal	44.58	55.94	46.83	49.11	70	28	42	2.12	6	8	1	4	3	8	2	21	21	6	4	-	-	-	21	21	Fair.
Watertown "	40.64	56.58	50.06	49.09	76	24	52	1.71	4	5	5	2	2	4	3	17	17	9	4	-	-	-	17	17	Fair.
West Point	45.00	59.48	49.45	51.31	73	28	45	4.20	-	18	2	-	8	-	-	22	22	5	4	-	-	-	22	22	Fair.

No. X. OCTOBER—CONTINUED.

PLACES OF OBSERVATION.	THERMOMETER.				Rain, Inches.	WINDS.								WEATHER.										
	Mean Temperature.		Aggregate	Highest degree.		Lowest degree.	Range.	N. N.W.		N.E.		E.		S.E.		S.		S.W.		W.	Fair.	Cl'dy.	Rain.	Snow.
	A. M.	P. M.						P. M.	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days					
Fort Wood, N.Y.	47.35	58.35	53.06	59.22	70	35	35	4	8	1	4	4	3	7	3	3	3	20	3	8	0	0	Fair.	
Alleghany Ar'nal	43.22	68.48	45.22	52.30	78	27	51	-	2	1	2	2	9	8	9	8	16	16	3	6	0	0	Fair.	
Ft. Leavenworth	47.35	64.19	55.74	55.76	80	26	54	2	7	2	2	10	9	1	1	1	17	17	10	4	0	0	Fair.	
Fort McHenry	50.25	62.51	56.25	56.33	78	32	46	3	6	4	5	3	3	1	6	1	24	24	5	2	0	0	Fair.	
Fort Monroe	59.00	70.87	64.06	64.64	89	49	40	10	3	7	3	1	3	1	4	4	23	23	6	2	0	0	Fair.	
Fort Gibson	53.16	74.77	63.41	65.44	88	39	49	1	4	1	4	7	9	4	4	4	24	24	6	1	0	0	Fair.	
Fort Towson	56.77	72.87	63.30	64.31	86	32	54	2	5	2	3	5	5	9	9	9	26	26	2	3	0	0	Fair.	
Fort Jesup	59.74	75.12	67.83	67.56	90	36	54	14	4	3	1	7	1	1	1	1	22	22	2	9	0	0	Fair.	
Fort Marion	67.12	75.12	68.41	70.21	88	46	42	-	23	1	7	-	-	-	-	-	19	19	9	3	0	0	Fair.	

NOVEMBER—CONTINUED.

No. XI.

PLACES	THERMOMETER.												WINDS.		WEATHER.											
	Mean Temperature.			Highest degree.			Lowest degree.			Range.		Rain, Inches.	Days		Days		Days		Days		Days		Prevaling.			
	A. M.	P. M.	P. M.	A. M.	P. M.	P. M.	A. M.	P. M.	P. M.	A. M.	P. M.		Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.				
	Aggregate Mean Temperature.			Aggregate Highest degree.			Aggregate Lowest degree.			Aggregate Range.		Aggregate Days		Aggregate Days		Aggregate Days		Aggregate Days		Aggregate Days		Aggregate Days				
VII.			II.			IX.			Aggregate			Aggregate		Aggregate		Aggregate		Aggregate		Aggregate		Aggregate				
Ft. Wood, N. Y.	39.73	48.76	43.60	44.03	64	22	42	2.90	2	6	1	1	15	3	24	1	3	2	1	1	1	1	1	1	Fair.	
Alleghany Ar'nal	35.43	56.03	37.36	42.94	62	20	42	3.71	12	1	2	11	4	-	17	11	11	2	1	1	1	1	1	1	Fair.	
Ft. Leavenworth	40.83	57.56	51.00	49.79	74	19	55	2.70	2	5	1	12	3	-	18	8	3	1	1	1	1	1	1	1	Fair.	
Fort McHenry	40.76	53.10	46.13	46.66	74	26	48	3.40	2	7	2	5	3	6	23	2	3	2	2	2	2	2	2	2	Fair.	
Fort Monroe	49.40	61.33	54.00	54.91	73	30	43	2.90	2	4	10	2	5	1	22	6	6	2	6	6	6	6	6	6	Fair.	
Fort Gibson	53.66	67.26	56.66	59.19	86	32	54	3.30	-	4	4	1	6	2	19	6	5	6	5	5	5	5	5	5	Fair.	
Fort Towson	49.93	67.46	56.56	57.98	82	32	50	2.10	-	4	-	9	11	4	20	5	5	5	5	5	5	5	5	5	Fair.	
Fort Jesup	51.03	76.83	63.10	63.65	88	36	52	.30	4	4	1	1	1	16	24	24	24	24	24	24	24	24	24	24	24	Fair.
Fort Marion	56.86	71.03	59.43	62.44	79	40	39	-	1	1	22	3	3	1	22	1	1	1	1	1	1	1	1	1	1	Fair.

OBSERVATION.

DECEMBER.

No. XII.

PLACES OF OBSERVATION.	THERMOMETER.				Rain, Inches.	WINDS.							WEATHER.												
	Mean Temperature.					Aggregate Mean Temperature.	Highest degree.	Lowest degree.	Range.	Days	N.	N.W.	E.	S.E.	S.	S.W.	W.	Days	Fair.	Cl'dy.	Rain.	Snow.	Days	Prevaling.	
	A. M.	P. M.	P. M.	P. M.																					VII.
Fort Brady	17.41	25.38	20.06	20.95	40	-2	42	1.89	1	7	4	12	1	4	4	1	9	6	4	12	Cl'dy.				Cl'dy.
Hancock Bar 'ks	11.00	25.00	17.90	17.96	38	-10	48	1.80	10	6	3	3	4	4	2	2	26	2	1	3	2	Fair.			Fair.
Fort Snelling	10.64	26.25	16.54	17.81	40	-10	50	2.34	1	5	3	3	7	2	3	7	13	8	1	10	4				Fair.
Fort Howard	21.25	31.80	26.22	26.42	50	5	45	2.69	2	2	2	2	2	9	5	8	16	9	2	7	9				Cl'dy.
Fort Winnebago	17.45	26.41	18.45	20.77	45	0	45	1.35	2	14	1	1	2	3	2	2	16	10	13	1	7				Cl'dy.
Fort Crawford	18.48	21.80	24.45	21.57	42	-13	55	2.92	2	11	2	2	2	7	3	7	18	10	4	1	1				Fair.
Fort Constitution	24.61	35.29	27.48	29.12	58	7	51	1.72	2	12	2	1	-	3	3	8	19	10	1	1	1				Fair.
Watervliet Ar'hal	23.16	32.54	24.83	26.84	64	-4	68	1.45	5	8	1	-	-	9	4	4	17	11	3	1	1				Fair.
Watertown "	22.22	34.77	31.09	29.36	49	0	49	2.47	1	4	1	2	-	2	6	13	17	10	2	2	1				Fair.
West Point	36.70	36.67	30.32	31.23	58	14	44	2.05	-	19	-	-	-	11	-	-	18	10	2	1				Fair.	

DECEMBER—CONTINUED.

No. XII.

PLACES OF OBSERVATION.	THERMOMETER.				Rain, Inches.	WINDS.								WEATHER.					
	Mean Temperature.		Aggregate.	Highest degree.		Lowest degree.	Range.	N. N.W.		N. E.		S. S.W.		S. W.		Fair.	Cl'dy.	Rain.	Snow.
	A. M.	P. M.						VII.	II.	IX.	Days	Days	Days	Days	Days				
Ft. Wood, N. Y.	30.19	37.12	33.51	54	20	34	8	7	-	-	1	10	5	22	2	2	5	Fair.	
Alleghany Ar ^l nal	26.06	44.77	26.12	49	4	45	13	6	-	3	3	3	2	13	15	2	1	Fair.	
Ft. Leavenworth	24.45	41.90	34.48	62	0	62	16	1	-	11	-	-	-	22	6	2	1	Fair.	
Fort McHenry	31.74	41.70	35.41	62	20	42	3	1	-	2	1	4	8	22	6	2	1	Fair.	
Fort Monroe	41.06	52.77	44.38	66	30	36	1	17	-	4	1	3	6	18	6	6	1	Fair.	
Fort Gibson	38.74	50.35	41.48	69	26	43	5	2	4	7	7	2	6	22	8	1	-	Fair.	
Fort Towson	37.93	55.03	44.45	70	32	38	1	3	-	10	7	5	3	18	10	13	-	Fair.	
Fort Jesup	42.96	60.09	51.45	72	35	37	9	4	1	-	1	1	9	18	8	5	-	Fair.	
Fort Marion	51.67	61.67	61.51	72	42	30	-	12	-	-	-	3	1	18	8	-	-	Fair.	

MEAN OF OBSER

PLACES OF OBSERVATION.	THERMOMETER.								Highest degree.
	Mean Temperature.								
	Year.	Winter.	Spring.	Summer	Autumn	A. M.	P. M.	P. M.	
						VII.	II.	IX.	
Fort Brady	36.66	15.98	31.01	57.37	42.29	28.40	45.89	35.05	90
Hancock Barracks	40.64	17.92	38.80	62.36	43.49	31.44	49.22	39.61	90
Fort Snelling	44.36	21.74	40.27	67.77	47.68	35.24	52.80	44.14	94
Fort Howard	43.31	24.74	37.08	64.19	47.25	34.69	53.03	47.92	92
Fort Winnebago	41.83	21.34	36.69	64.71	44.60	34.18	51.42	38.19	99
Fort Crawford	46.46	21.96	42.01	70.71	51.19	38.72	53.34	46.71	95
Fort Constitution	43.19	25.02	39.98	60.88	46.88	38.53	48.99	42.06	82
Watervliet Arsenal	45.55	26.68	42.21	68.61	49.71	40.11	53.14	44.25	90
Watertown Arsenal	45.91	25.59	43.14	65.51	49.43	37.96	53.19	46.62	88
West Point	48.27	26.92	45.15	69.07	51.93	41.92	56.47	46.35	93
Fort Wood, N. Y.	49.65	30.60	45.22	67.55	55.14	44.04	53.99	48.78	86
Alleghany Arsenal	47.28	24.05	39.63	73.21	52.25	41.28	57.15	42.28	87
Fort Leavenworth	53.29	32.56	47.68	76.13	56.81	43.77	62.89	52.41	90
Fort McHenry	52.46	32.15	49.98	72.29	55.43	46.84	59.96	52.50	98
Fort Monroe	58.73	40.50	54.72	77.04	62.68	54.47	64.12	57.63	102
Fort Gibson	61.46	41.66	57.43	81.16	65.62	55.23	70.91	60.48	106
Fort Towson	62.12	44.40	59.45	79.83	64.83	54.16	71.01	61.22	98
Fort Jesup	66.24	49.02	63.30	80.18	68.49	55.93	74.10	65.74	97
Fort Marion	67.70	55.08	65.91	79.98	69.83	61.74	75.29	66.08	103

VARIATIONS FOR 1837.

Lowest degree.	Range for the year.	Mean monthly range.	Rain, Inches.	WINDS.										WEATHER.				
				Days.	Days.	Days.	Days.	Days.	Days.	Days.	Days.	Days.	Days.	Days.	Days.	Days.	Days.	Days.
				N.	N.W.	N.E.	E.	S.E.	S.	S.W.	W.	Prevailing.	Fair.	Cloudy.	Rain.	Snow.	Prevailing.	
-30	120	49.7	36.92	32	83	42	43	89	29	19	28	S. E.	139	93	91	42	Cl'dy.	
-16	106	50.5	35.68	93	48	17	28	36	72	29	42	N.	248	64	36	17	Fair.	
-20	114	46.7	24.02	83	38	18	43	48	45	21	69	N.	193	79	70	23	Fair.	
-18	110	43.	40.55	59	27	39	35	34	97	36	38	S.	185	61	86	33	Fair.	
-18	117	48.3	31.32	71	70	49	44	34	37	33	27	N.	169	89	78	29	Cl'dy.	
-15	110	47.2	34.05	75	45	8	25	16	97	18	81	S.	203	84	59	19	Fair.	
-5	87	37.3	28.16	26	99	45	25	11	56	27	76	N. W.	222	111	23	9	Fair.	
-17	107	49.6	32.04	66	70	28	9	34	75	45	38	S.	237	70	47	11	Fair.	
-8	96	50.1	32.06	19	67	15	30	34	40	94	64	S.W.	198	116	41	10	Fair.	
-6	99	45.7	83.00	8	160	13	5	43	78	28	30	N.W.	221	102	36	6	Fair.	
10	76	32.6	65.51	12	50	64	9	41	34	121	34	S.W.	219	46	84	16	Fair.	
2	85	40.5	35.66	93	15	54	17	15	96	74	1	S.	172	116	54	13	Cl'dy.	
-2	92	51.	38.45	58	20	15	16	18	179	28	36	S.	246	78	35	6	Fair.	
5	93	38.5	45.00	35	63	52	23	43	30	44	75	W.	269	45	47	4	Fair.	
14	88	36.1	40.70	46	32	51	42	37	79	28	50	S.	256	53	50	6	Fair.	
8	98	43.	34.66	53	24	33	53	73	60	33	36	S. E.	216	88	50	11	Fair.	
10	88	38.8	43.80	19	37	9	37	71	81	98	13	S.W.	237	72	54	2	Fair.	
17	80	39.8	49.54	86	39	30	34	16	17	35	108	W.	239	8	116	2	Fair.	
28	75	32.1	-	21	37	120	12	81	19	48	27	N. E.	248	37	80	-	Fair.	

JANUARY.

No. I.

PLACES OF OBSERVATION.	THERMOMETER.				Rain, Inches.	WINDS.							WEATHER.									
	Mean Temperature.					Range.	Highest degree.	Lowest degree.	WINDS.							WEATHER.						
	Aggregate								N.	N.W.	N.E.	E.	S.E.	S.	S.W.	W.	Prevaling.	Days	Days	Days	Days	
	A. M.	P. M.	P. M.	P. M.																		Days
VII.	II.	IX.	IX.	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days					
Fort Brady	11.48	24.06	14.77	16.77	50	-9	59	2.64	1	3	4	6	8	2	4	3	3	13	3	3	12	Cl'dy.
Hancock Bar'ks	13.80	27.09	20.93	20.60	50	-10	60	1.85	3	4	1	4	3	9	3	3	4	21	4	2	4	Fair.
Fort Snelling	2.80	19.32	7.12	9.74	42	-21	63	1.65	6	2	1	3	6	3	3	3	7	15	10	2	4	Cl'dy.
Fort Howard	14.96	28.80	21.12	21.62	59	19	78	1.97	5	2	2	2	2	9	2	7	3	19	1	4	7	Fair.
Fort Winnebago	12.03	26.16	15.68	17.95	53	-15	68	2.03	5	10	3	-	4	2	5	4	3	15	7	6	5	Cl'dy.
Fort Crawford	14.12	28.09	23.90	22.03	56	-16	72	1.30	4	10	2	1	-	4	7	4	3	20	6	2	3	Fair.
Fort Constitution	28.35	36.03	31.12	31.83	57	6	51	2.62	3	9	2	2	1	8	8	6	3	16	12	2	2	Fair.
Watervliet Ar'nal	25.70	33.74	26.70	28.71	56	0	56	.83	1	6	1	2	-	1	8	8	6	17	10	2	1	Fair.
Watertown "	27.74	37.22	33.93	32.96	54	6	48	3.16	3	3	2	-	-	-	5	8 $\frac{1}{2}$	7 $\frac{1}{2}$	17 $\frac{1}{2}$	10	10	3 $\frac{1}{2}$	Fair.
West Point	29.96	40.83	33.25	34.68	57	10	47	2.25	1	15	-	-	-	15	-	-	-	20	9	20	-	Fair.
Ft. Wood, N. Y.	31.96	38.00	33.51	34.49	51	15	36	3.93	1	7	5	1	1	2	11	3	3	21	5	5	-	Fair.

JANUARY—CONTINUED.

No. 1.

PLACES OF OBSERVATION.	THERMOMETER.				Rain, Inches.	WINDS.								WEATHER.						
	Mean Temperature.					Highest degree.	Lowest degree.	Range.	N.	N.W.	E.	S.E.	S.	S.W.	W.	Fair.	Cl'dy.	Rain.	Snow.	
	A. M.	P. M.	P. M.	P. M.																
Alleghany Ar'nal	26.12	41.51	32.03	33.22	67	14	53	1.29	3	8	1	1	6	2	19	2	6	4	Fair.	
Ft. Leavenworth	19.70	34.93	28.58	27.73	69	9	75	1.80	2	-	7	2	9	27	2	6	1	1	Fair.	
Fort McHenry	31.90	43.93	36.19	37.34	62	20	42	2.10	2	6	3	4	1	22	7	7	2	4	Fair.	
Fort Monroe	41.48	50.74	45.83	46.01	66	27	39	2.74	6	11	5	2	1	18	6	6	4	1	Fair.	
Fort Gibson	36.80	46.80	39.38	40.99	72	17	55	.80	6	4	-	1	8	20	8	8	3	2	Fair.	
Fort Towson	36.80	51.70	42.58	43.69	72	16	56	4.20	8	4	3	1	8	17	9	5	5	-	Fair.	
Fort Jesup	39.90	60.48	53.00	51.12	73	33	40	5.82	10	4	4	2	3	15	6	10	-	-	Cl'dy.	
N. Orleans Bar ^{ks}	53.00	60.61	56.22	56.61	77	29	48	-	8	4	4	2	7	1	15	6	15	-	-	Fair.
St. Augustine	53.35	62.09	55.16	56.86	70	37	33	-	9	1	9	4	6	16	15	11	5	-	-	Cl'dy.
Fort Brooke	57.61	71.48	65.90	64.99	79	50	29	-	1	1	11	7	6	22	15	11	8	-	-	Fair.

FEBRUARY.

No. II.

PLACES	MEAN TEMPERATURE.		THERMOMETER.	Range.	Rain, Inches.	Days		WINDS.	Days		PREVAILING.	Days	WEATHER.	Days	PREVAILING.
	A. M.	P. M.				N. W.	E. S.		S. W.	W.					
Fort Brady	3.07	17.96	3.64	12	.32	7	1	5	3	1	N. W.	16	8	16	Fair.
Hancock Bar/ks	3.25	23.89	13.75	4	.62	9	1	4	2	2	N.	20	4	20	Fair.
Fort Snelling	6.43	18.60	1.18	4	.76	4	1	4	4	8	W.	15	4	15	Fair.
Fort Howard	1.03	25.28	13.39	2	.53	1	4	2	10	5	S.	19	5	19	Fair.
Fort Winnebago	3.53	19.71	1.96	12	.20	13	3	1	2	2	N. W.	14	10	14	Fair.
Fort Crawford	2.60	13.03	10.35	6	.20	17	1	1	1	2	N. W.	21	7	21	Fair.
Fort Constitution	13.67	23.25	18.68	18	.97	15	2	1	1	4	N. W.	19	6	19	Fair.
Watervliet Ar'nal	9.69	20.64	13.67	4	1.02	6	2	1	1	4	W.	15	10	15	Fair.
Watervliet "	10.53	25.50	21.00	4	2.18	11	5	1	1	4	W.	15	10	15	Fair.
West Point	16.28	30.17	19.50	8	2.45	19	3	1	1	4	N. W.	20	6	20	Fair.
Fort Wood, N. Y.	19.22	27.32	23.35	13	3.70	7	2	1	1	6	N. W.	23	4	23	Fair.

No. III.

MARCH.

PLACES OF OBSERVATION.	THERMOMETER.				Rain, inches.	WINDS.								WEATHER.												
	Mean Temperature.					Range.	Highest degree.	Lowest degree.	N.		N.W.		E.		S.E.		S.		S.W.		W.					
	A. M.	P. M.	P. M.	P. M.					Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days		
Fort Brady	20.06	45.16	28.29	31.17	1.18	54	-6	60	2	5	1	12	4	2	2	2	2	1	1	1	1	21	5	4	1	Fair.
Hancock Bar'ks	19.35	52.00	32.93	34.76	1.12	86	16	70	14	2	2	2	1	7	1	3	3	1	1	1	2	22	8	-	1	Fair.
Fort Snelling	26.03	52.00	34.29	37.44	1.15	76	14	62	16	4	8	4	1	8	3	3	3	1	1	1	2	19	8	-	4	Fair.
Fort Howard	26.06	49.77	37.19	37.67	1.14	85	3	82	8	4	2	3	4	4	8	2	3	1	1	1	2	21	2	2	1	Fair.
Fort Winnebago	27.25	48.50	37.92	37.89	1.08	75	0	75	5	6	13	1	1	6	2	3	6	1	1	1	1	15	13	2	1	Fair.
Fort Crawford	31.28	52.74	46.29	43.43	1.45	84	2	82	3	6	1	1	1	6	1	7	7	2	6	1	4	21	8	-	2	Cl'dy.
Fort Constitution	30.35	40.25	33.32	34.64	1.14	61	24	37	8	6	6	2	2	1	5	1	5	1	2	4	4	16	12	3	3	Fair.
Watervliet Ar'nal	29.19	44.32	31.03	34.84	1.25	67	19	65	6	6	2	2	2	2	2	2	2	2	2	4	5	21	6	3	1	Fair.
Watertown "	28.22	42.45	36.25	35.64	2.18	53	12	41	3	6	6	6	3	2	2	3	2	2	4	4	5	21	14	5	3	Cl'dy.
West Point	31.87	47.03	36.96	38.62	5.30	58	14	44	2	10	8	8	8	3	8	3	8	3	3	3	17	13	6	6	3	Fair.
Ft. Wood, N. Y.	34.61	42.22	36.61	37.81	4.10	54	20	34	1	8	10	3	1	3	3	3	3	3	3	2	19	4	7	7	1	Fair.

No. IV.

APRIL.

PLACES	THERMOMETER.				Rain, Inches.	WINDS.	WINDS.	WEATHER.	Days	Days	Days	Days	Days	Days	Days							
	Mean Temperature.															Highest degree.	Lowest degree.	Range.				
	A. M.	P. M.	P. M.	P. M.												Aggregate	Prevaling.	Prevaling.				
Fort Brady	23.40	39.40	29.33	30.71	58	2.55	2.55	2	9	2	6	3	2	3	N.W.	3	16	1	5	5	Fair.	
Hancock Bar ^{ks}	25.06	49.53	36.26	36.93	74	1.40	66	7	3	-	1	3	7	8	W.	19	19	8	2	1	3	Fair.
Fort Snelling	33.40	52.23	39.73	41.78	81	2.41	52	9	5	6	5	2	3	7	N.E.	12	12	7	8	9	2	Ci'dy.
Fort Howard	32.23	46.93	39.93	39.69	61	3.41	52	4	4	4	2	1	2	4	N.	11	11	8	6	8	3	Ci'dy.
Fort Winnebago	31.16	46.36	35.00	37.50	70	2.98	53	4	7	10	3	2	1	2	N.E.	8	8	6	13	3	3	Ci'dy.
Fort Crawford	36.60	52.33	46.56	45.16	79	3.27	47	1	13	1	6	4	4	4	N.W.	14	14	7	9	-	-	Ci'dy.
Fort Constitution	33.33	45.16	37.66	38.71	62	3.21	37	3	10	2	2	1	2	4	N.W.	21	21	6	2	1	1	Fair.
Watervliet Ar ^{nal}	34.13	42.80	34.66	37.19	57	.63	33	5	7	1	3	4	4	4	N.W.	16	16	11	3	3	3	Fair.
Watertown "	32.13	49.73	42.06	41.30	62	2.75	44	2	4	1	2 $\frac{1}{2}$	1 $\frac{1}{2}$	3	5	N.W.	17 $\frac{1}{2}$	17 $\frac{1}{2}$	9	3 $\frac{1}{2}$	-	-	Fair.
West Point	34.00	51.56	42.10	42.55	72	5.15	44	1	16	1	2	5	2	3	N.W.	18	18	12	3	-	-	Fair.
Ft. Wood, N. Y.	40.33	48.83	43.33	44.16	62	2.50	30	1	6	6	2	2	5	2	N.W.	17	17	3	9	1	1	Fair.

OBSERVATION.

No. V.

MAY.

PLACES OF OBSERVATION.	THERMOMETER.				Rain, Inches.	WINDS.												WEATHER.			
	Mean Temperature.					Range.	N. N.W. N. E. E. S. E. S. S.W. W.			Days			Days			Days			Days		
	A. M.	P. M.	P. M.	P. M.			Highest degree.			Days			Days			Days			Days		
	VII.	II.	IX.	IX.			Lowest degree.			Days			Days			Days			Days		
Aggregate Mean Temperature.				Highest degree.			Lowest degree.			Range.			Prevaling.			Prevaling.					
Fort Brady	35.45	57.77	41.48	44.90	57	29	86	2.48	3	6	1	8	4	1	2	6	12	8	Cl'dy.	Prevaling.	
Hancock Bar'ks	40.03	62.74	49.09	50.62	51	31	82	3.87	7	2	3	7	4	1	1	15	15	11	Cl'dy.	Cl'dy.	
Fort Snelling	41.90	66.22	51.09	53.07	92	35	92	3.05	6	8	2	4	2	3	2	19	19	7	Fair.	Fair.	
Fort Howard	41.64	61.16	50.29	51.03	43	41	84	1.54	10	6	2	3	2	3	2	16	16	8	Fair.	Fair.	
Fort Winnebago	40.54	60.93	46.58	49.35	56	30	86	.86	10	7	3	8	1	3	6	13	13	5	Fair.	Fair.	
Fort Crawford	48.09	63.80	58.00	56.63	83	34	83	1.03	5	13	4	3	2	6	2	20	20	9	Cl'dy.	Cl'dy.	
Fort Constitution	45.51	56.06	48.41	49.99	75	41	83	3.38	1	6	6	1	7	2	5	14	14	5	Fair.	Fair.	
Watervliet Ar'nal	53.29	65.25	53.93	57.49	80	40	80	4.69	1	4	1	5	12	3	6	18	18	8	Fair.	Fair.	
Watertown "	44.45	64.32	54.96	54.57	86	40	86	3.85	2	1	5	2	2	6	7	15	15	4	Cl'dy.	Cl'dy.	
West Point	48.16	66.51	56.03	56.90	80	41	80	12.90	1	4	1	1	6	1	1	13	13	4	Cl'dy.	Cl'dy.	
Ft. Wood, N. Y.	51.22	62.35	54.93	56.16	74	43	74	3.99	1	3	6	1	7	2	8	20	20	11	Fair.	Fair.	

MAY—CONTINUED.

No. V.

PLACES OF OBSERVATION.	THERMOMETER.				Rain, Inches.	WINDS.										WEATHER.																						
	Mean Temperature.					Aggregate Mean Temperature.	Highest degree.	Lowest degree.	Range.	N.	N.W.	E.	S.E.	S.	S.W.	W.	Prevaling.	Fair.	Cl'dy.	Rain.	Snow.	Prevaling.																
	A. M.	P. M.	P. M.	P. M.																			VII.	II.	IX.	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days
Alleghany Ar'tial	44.64	67.16	50.09	53.96	53.96	86	36	50	3	6	8	3	3	3	3	3	3	14	9	8	14	Cl'dy.																
Ft. Leavenworth	56.03	68.70	58.58	61.10	61.10	81	42	39	6	2	7	6	4	4	5	5	3	22	7	2	22	Fair.																
Fort McHenry	53.32	65.41	59.16	59.29	59.29	82	42	40	4	30	4	3	3	4	7	7	21	21	3	7	21	Fair.																
Fort Monroe	57.87	68.35	64.90	63.70	63.70	82	47	35	2	10	2	4	4	4	5	3	3	19	6	6	19	Fair.																
Fort Gibson	56.45	70.38	60.03	62.28	62.28	84	43	41	6	4	7	2	7	2	2	1	1	19	6	6	19	Fair.																
Fort Towson	55.93	70.38	62.64	62.98	62.98	82	48	34	6	70	3	8	4	4	4	1	1	17	7	7	17	Fair.																
Fort Jesup	59.87	76.06	69.70	68.54	68.54	85	44	41	6	11	6	1	1	1	12	12	16	16	1	14	16	Fair.																
N. Orleans Bar'ks	62.84	78.64	64.77	68.65	68.65	91	52	39	5	4	5	4	4	4	4	2	2	23	2	2	23	Fair.																
Fort Marion	63.22	76.25	65.38	68.28	68.28	88	51	37	1	9	3	3	3	3	10	10	26	2	3	2	26	Fair.																
Fort Brooke	65.32	79.16	72.16	72.20	72.20	85	58	27	1	1	7	4	4	1	11	11	23	3	8	2	23	Fair.																

No. VI.

JUNE.

PLACES OF OBSERVATION.	THERMOMETER.				Rain, Inches.	WINDS.											WEATHER.				
	Mean Temperature.					Range.	Highest degree.	Lowest degree.	Prevaling.	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days
	A. M.	P. M.	P. M.	I. X.																	
	VII.	II.																			
Fort Brady	47.66	74.66	54.70	59.00	54	94	40	2.52	-	4	5	7	4	2	8	16	3	11	3	Fair.	
Hancock Bar'ks	54.40	80.96	65.70	67.02	45	98	53	6.69	4	2	4	3	12	-	4	18	6	6	-	Fair.	
Fort Snelling	60.50	82.50	68.30	70.43	36	96	60	4.76	3	3	4	10	4	-	2	16	3	11	-	Fair.	
Fort Howard	57.10	78.80	65.03	66.79	52	98	46	6.77	8	1	5	7	5	3	2	15	15	15	-	Fair.	
Fort Winnebago	56.53	80.50	62.70	66.57	38	90	38	2.40	7	8	3	1	3	2	2	10	10	10	-	Cl'dy.	
Fort Crawford	64.10	79.66	73.46	72.40	38	90	52	2.17	1	1	5	1	12	8	6	17	5	8	-	Fair.	
Fort Constitution	57.90	70.00	61.50	63.13	34	86	52	3.31	1	3	4	2	6	4	2	20	7	3	-	Fair.	
Watervert Ar'nal	66.76	78.56	67.43	70.91	41	89	48	4.37	1	7	2	4	4	4	6	22	3	5	-	Fair.	
Watertown "	58.30	79.00	67.33	68.21	45	95	45	4.90	1	1	4	1 $\frac{1}{2}$	5	9 $\frac{1}{2}$	6 $\frac{1}{2}$	18	8	4	-	Fair.	
West Point	62.96	82.30	70.50	71.92	53	96	53	12.27	1	6	2	-	1	-	2	7	7	3	-	Fair.	
Ft. Wood, N. Y.	64.73	77.63	68.83	70.39	26	84	58	3.12	2	2	1	3	10	8	4	19	2	9	-	Fair.	

JUNE—CONTINUED.

No. VI.

PLACES OF OBSERVATION.	THERMOMETER.				Rain, Inches.	WINDS.							WEATHER.						
	Mean Temperature.		Aggregate Mean Temperature.	Highest degree.		Lowest degree.	Range.	N.	N. W.	N. E.	E.	S. E.	S.	S. W.	W.	Fair.	Cl'dy.	Rain.	Snow.
	A. M.	P. M.																	
	VII.	IX.																	
Alleghany Ar ^{nal}	64.96	76.46	73.63	71.68	46	34	2	3	2	2	3	2	2	3	18	3	9	-	Cl'dy.
Fl. Leavenworth	68.93	82.93	72.80	74.88	60	31	2	2	1	5	9	4	8	20	5	5	5	-	Fair.
Fort McHenry	68.00	81.43	73.96	74.46	60	30	2	2	1	6	3	4	10	25	4	4	6	-	Fair.
Fort Monroe	70.96	77.50	75.20	74.55	57	27	2	2	1	4	4	4	6	20	4	6	4	-	Fair.
Fort Gibson	74.86	87.06	75.73	79.21	64	31	2	2	1	6	6	3	4	24	1	5	5	-	Fair.
Fort Towson	69.76	88.53	78.13	78.80	52	43	2	2	1	6	6	7	3	28	1	1	2	-	Fair.
Fort Jesup	69.46	90.56	82.80	80.94	66	30	1	8	7	1	2	1	10	28	1	2	2	-	Fair.
N. Orleans Bar ^{ks}	75.53	91.46	79.23	82.07	64	34	4	3	2	3	4	2	9	19	3	8	8	-	Fair.
Fort Marion	71.66	78.86	73.66	74.72	70	16	-	6	-	14	-	-	-	12	6	18	-	-	Cl'dy.
Fort Brooke	74.10	83.30	76.83	78.07	70	16	-	-	-	-	-	-	-	30	-	-	-	-	Fair.

JULY.

No. VII.

PLACES OF OBSERVATION.	THERMOMETER.				Rain, Inches.	WINDS.							- WEATHER.							
	Mean Temperature.					Range.	Highest degree.	Lowest degree.	Prevailing											
	A. M.	P. M.	P. M.	P. M.					N.	N.W.	N.E.	E.	S.E.	S.	S.W.	W.	Days	Days	Days	Days
	VII.	II.	IX.						Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days
Fort Brady	59.48	80.45	63.64	67.85	90	54	36	2.84	7	-	4	6	4	2	8	19	12	-	-	Fair.
Hancock Bar'ks	56.19	81.19	67.45	68.27	95	54	41	2.81	6	4	1	1	13	2	3	20	6	5	-	Fair.
Fort Snelling	66.12	88.74	72.06	75.64	100	55	45	11.11	3	2	3	4	12	3	3	17	5	9	-	Fair.
Fort Howard	64.67	85.06	64.80	71.51	96	52	44	7.03	5	4	1	2	15	2	1	20	8	3	-	Fair.
Fort Winnebago	64.87	85.54	68.64	73.01	104	56	48	7.67	3	4	3	1	4	4	10	19	11	1	-	Fair.
Fort Crawford	70.80	85.22	78.64	78.22	94	64	30	1.58	1	5	2	3	2	3	19	23	8	-	-	Fair.
Fort Constitution	62.77	75.06	66.48	68.10	89	57	32	2.00	1	6	2	3	2	6	4	23	7	1	-	Fair.
Watervliet Ar'nal	72.12	83.48	72.12	75.90	91	63	28	2.67	1	3	4	2	6	8	3	22	4	5	-	Fair.
Watertown "	63.22	84.67	74.25	74.04	96	50	46	2.07	1	1	2	1	1	4	9	22	5	3	-	Fair.
W. Point	70.70	86.64	76.09	77.81	98	58	40	5.90	1	10	-	1	1	12	2	25	6	-	-	Fair.
Ft. Wood, N. Y.	71.19	85.32	75.05	77.18	94	62	32	1.83	1	3	1	4	7	11	2	23	8	-	-	Fair.

JULY—CONTINUED.

No. VII.

PLACES OF OBSERVATION.	THERMOMETER.				Rain, Inches.	WINDS.							WEATHER.								
	Mean Temperature.					Aggregate Mean Temperature.	Highest degree.	Lowest degree.	Range.	N.	N.W.	N.E.	E.	S.E.	S.	S.W.	W.	Fair.	Cl'dy.	Rain.	Snow.
	A. M.	P. M.	P. M.	P. M.																	
	VII.	II.	IX.																		
Alleghany Ar ⁿ al	73.83	81.25	78.29	77.79	-	68	22		1	3	3	1	11	2	9	12	25	-	6	-	Fair.
Ft. Leavenworth	78.03	90.45	78.54	82.34	2.18	68	27		2	2	1	11	12	2	2	3	92	6	3	-	Fair.
Fort McHenry	73.67	88.12	79.87	80.55	1.90	68	31		-	1	1	1	8	4	4	11	29	1	1	-	Fair.
Fort Monroe	78.77	86.70	83.03	82.83	2.40	76	18		3	2	7	4	2	7	4	4	26	5	2	-	Fair.
Fort Gibson	78.00	92.51	78.70	83.07	.80	68	38		1	1	5	7	2	4	4	3	27	2	2	-	Fair.
Fort Towson	72.93	91.22	81.93	82.02	2.10	68	29		3	3	1	3	5	4	6	7	17	1	1	-	Fair.
Fort Jesup	72.80	90.16	80.06	81.00	.67	70	25		4	4	2	4	1	5	6	5	15	3	13	-	Cl'dy.
N. Orleans Bar ^{ks}	79.00	88.29	80.12	82.47	-	72	26		2	2	4	1	5	5	9	5	24	3	4	-	Fair.
Fort Marion	73.51	83.12	76.06	77.56	-	70	19		-	1	3	18	-	-	-	-	24	3	6	-	Fair.
Fort Brooke	76.06	80.77	78.06	78.29	-	64	24		-	1	11	2	-	16	-	-	24	6	1	-	Fair.

No. VIII.

AUGUST.

PLACES OF OBSERVATION.	THERMOMETER.				Rain, Inches.	WINDS.										WEATHER.											
	Mean Temperature.					Highest degree.	Lowest degree.	Range.	N. W.		N. E.		E.		S. E.		S.		S. W.		W.		Days	Days	Days	Days	Prevailing.
	A. M.		P. M.						VII.		II.		IX.		Days		Days		Days		Days						
	Mean Temperature.		P. M.			A. M.		IX.		VII.		Days		Days		Days		Days		Days		Days		Days		Days	
Fort Brady	55.19	75.19	59.22	63.20	92	50	42	6.37	1	12	4	5	2	2	3	4	4	4	22	9	9	22	9	9	22	9	Fair.
Hancock Bar'ks	51.19	75.45	63.83	63.49	91	39	52	3.54	6	5	1	-	9	2	2	8	4	23	4	4	23	4	4	23	4	Fair.	
Fort Snelling	63.35	84.77	69.90	72.67	96	59	37	3.08	3	3	1	8	12	2	1	3	1	20	11	11	20	11	11	20	11	Fair.	
Fort Howard	61.00	80.80	67.67	69.82	94	44	50	5.66	2	2	4	6	11	2	3	4	10	10	10	8	13	10	15	16	13	10	Cl'dy.
Fort Winnebago	61.25	80.12	63.29	68.22	94	50	44	5.35	8	6	4	2	2	2	3	4	10	15	15	6	4	21	6	4	21	6	Fair.
Fort Crawford	66.41	81.32	74.12	73.95	91	64	27	5.68	9	6	5	2	3	4	5	3	7	23	21	6	23	7	7	23	7	Fair.	
Fort Constitution	59.70	70.87	62.96	64.51	80	48	32	3.79	2	6	2	4	4	5	3	1	7	23	23	7	23	7	23	7	23	7	Fair.
Waterviet Ar'nal	69.54	78.35	68.58	72.15	88	55	33	5.95	1	9	4	1	4	7	4	4	7	1	22	1	4	22	1	4	22	1	Fair.
Watertown "	59.58	80.96	69.41	69.98	94	48	46	4.94	2	1	1	2	2	2	3	1	1	3	22	2	2	22	2	2	22	2	Fair.
West Point	68.12	82.90	72.70	74.57	92	63	29	5.85	1	12	1	1	2	3	5	5	6	5	25	5	6	25	5	6	25	5	Fair.
Ft. Wood, N. Y.	67.77	82.90	73.48	74.71	94	63	31	4.79	1	6	-	2	12	2	7	7	1	16	16	8	16	8	16	8	16	8	Fair.

AUGUST—CONTINUED.

No. VIII.

PLACES OF OBSERVATION.	THERMOMETER.				Rain, Inches.	WINDS.							WEATHER.				
	Mean Temperature.					Highest degree.	Lowest degree.	Range.	Prevaling.	Days	Days	Days	Days	Days	Days	Days	Days
	A. M.	P. M.	P. M.	P. M.													
Alleghany Ar'nal	71.19	77.64	74.90	74.57	84	64	20		2	8	6	4	3	3	23	8	Fair.
Pt. Leavenworth	73.38	85.70	74.67	77.91	94	64	30		3	6	8	8	9	1	20	4	Fair.
Fort McHenry	70.54	83.64	77.96	77.38	90	67	23		1	2	1	4	9	2	29	1	Fair.
Fort Mohroe	78.06	84.09	81.29	81.14	92	78	14		1	2	6	9	7	3	28	1	Fair.
Fort Gibson	75.93	94.61	79.00	83.18	103	72	31		3	3	8	3	3	3	25	4	Fair.
Fort Towson	71.41	91.87	79.90	81.06	99	68	31		2	2	6	4	14	2	24	4	Fair.
Fort Jesup	70.96	89.61	79.64	80.07	98	71	27		1	2	5	11	2	2	10	7	Cl'dy.
N. Orleans Bar'ks	79.51	85.45	81.38	82.11	90	76	14		2	2	6	4	2	3	13	1	Cl'dy.
Fort Marion	73.51	81.22	75.41	76.71	86	72	14		5	2	1	13	3	4	17	2	Fair.
Fort Brooke	74.12	84.00	78.45	78.85	88	74	14		-	6	4	8	2	9	25	6	Fair.

SEPTEMBER.

No. IX.

PLACES	THERMOMETER.			Rain, Inches.	WINDS.								WEATHER.						
	Mean Temperature.				Range.	Highest degree.	Lowest degree.	N.	N.W.	E.	S.E.	S.	S.W.	W.	Days	Days	Days	Days	Prevaling.
	A. M.	P. M.	P. M.																
Fort Brady	47.66	66.80	52.16	44	84	40	4.49	6	9	2	4	9	1	5	1	22	8	22	Fair.
Hancock Bar ks	43.83	69.43	56.06	51	84	33	3.78	4	1	1	1	9	7	3	22	4	22	Fair.	
Fort Snelling	51.70	72.73	58.93	48	86	38	.71	4	1	1	1	9	7	3	20	4	20	Fair.	
Fort Howard	50.06	70.23	58.63	51	86	35	3.36	8	1	1	1	16	2	4	21	2	21	Fair.	
Fort Winnebago	47.70	68.76	53.03	50	84	34	2.64	1	1	1	3	4	2	7	22	2	22	Fair.	
Fort Crawford	54.23	71.70	66.06	41	84	44	2.76	9	1	2	1	1	16	4	25	2	25	Fair.	
Fort Constitution	53.60	64.00	56.56	40	84	45	3.98	1	1	1	2	1	4	3	19	7	19	Fair.	
Watervliet Ar ⁿ al	56.90	71.60	60.36	30	80	46	2.96	7	1	2	1	4	2	4	20	7	20	Fair.	
Watertown	53.23	70.80	62.73	42	84	42	7.74	4	1	1	1	4	7	3	16 ¹ / ₂	5	16 ¹ / ₂	Fair.	
West Point	62.13	72.86	66.23	29	85	56	12.50	1	1	2	1	4	2	6	18	3	18	Fair.	
Ft. Wood, N. Y.	59.50	71.93	64.73	29	83	54	4.96	1	1	3	1	4	3	8	11	12	11	Cldy.	

OCTOBER.

No. X.

PLACES or OBSERVATION.	THERMOMETER.				Rain, inches.	WINDS.								WEATHER.						
	Mean Temperature.					Range.	Highest degree.	Lowest degree.	N.	N.W.	E.	S.E.	S.	S.W.	W.	Days	Days	Days	Days	Prevailing
	A. M.	P. M.	P. M.	P. M.																
Fort Brady	35.80	49.38	38.38	38.38	41.18	78	20	58	3.70	2	12	4	4	4	4	1	18	4	Fair.	
Hancock Bar'ks	33.83	48.67	40.90	40.90	41.13	81	16	65	5.42	13	2	3	3	3	2	5	19	6	Fair.	
Fort Snelling	35.54	52.25	40.38	42.72	42.72	82	24	58	.16	9	7	1	1	2	5	14	12	3	Cl'dy.	
Fort Howard	36.90	49.09	41.74	42.57	42.57	79	30	49	3.29	8	-	-	-	-	10	9	9	8	Cl'dy.	
Fort Winnebago	34.06	48.16	35.41	39.21	39.21	74	22	52	1.49	8	15	1	1	1	6	13	10	4	Cl'dy.	
Fort Crawford	38.58	52.09	46.96	45.87	45.87	79	34	45	1.66	3	15	3	1	1	4	15	12	2	Cl'dy.	
Fort Constitution	42.35	53.16	44.58	46.67	46.67	74	32	42	4.24	3	8	3	1	2	4	10	13	4	Cl'dy.	
Watervliet Ar'nal	43.19	55.64	46.77	48.53	48.53	74	28	46	2.56	3	6	2	2	4	3	10	10	1	Fair.	
Watertown "	39.41	54.54	48.64	47.53	47.53	82	31	51	4.90	1 1/2	2	-	3 1/2	1 1/2	2 1/2	17	8	6	Fair.	
West Point	49.90	58.54	54.38	54.27	54.27	74	38	36	8.05	1	12	2	2	3	3	18	3	9	Fair.	
Fort Wood, N.Y.	46.70	56.64	51.64	51.66	51.66	73	32	41	3.64	1	9	4	-	-	2	18	18	8	Fair.	

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PLACES or OBSERVATION.	THERMOMETER.			Rain, Inches.	WINDS.								WEATHER.					
	Mean Temperature.		IX.		Highest degree.	Lowest degree.	Range.	Prevaling.				Days.	Days.	Days.	Days.			
	A. M.	P. M.						P. M.	N. N. W.	N. E.	S. S. W.					S. E.	W.	
	VII.	II.		Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	
Alleghany Ar'nal	48.29	61.00	57.12	55.47	74	42	32	-	1	1	10	18	15	8	8	8	8	Cl'dy.
Ft. Leavenworth	44.09	60.16	48.77	51.00	80	31	49	.40	2	5	2	4	20	9	9	2	9	Fair.
Fort McHenry	45.54	57.22	51.22	51.32	76	35	41	3.10	8	6	4	8	24	2	2	5	2	Fair.
Fort Monroe	56.96	64.12	60.29	60.45	74	45	29	4.60	3	1	8	2	23	2	6	3	2	Fair.
Fort Gibson	48.35	67.19	53.67	56.40	88	39	49	2.36	4	8	3	2	16	12	3	6	12	Fair.
Fort Towson	49.38	70.41	57.41	59.06	87	40	47	2.80	7	3	4	12	16	5	7	8	5	Fair.
Fort Jesup	54.22	74.64	64.48	64.44	88	42	46	3.85	1	4	1	5	19	5	7	8	8	Fair.
N. Orleans Bar'ks	63.77	74.70	66.70	68.39	87.	45	42	-	3	3	2	3	23	3	4	3	4	Fair.
Fort Marion	59.87	67.45	62.83	63.38	85	54	31	-	9	1	6	1	24	3	1	8	1	Fair.
Fort Brooke	65.64	78.51	72.52	72.32	84	52	32	-	11	7	3	2	23	3	1	3	3	Fair.

NOVEMBER.

No. XI.

PLACES or OBSERVATION.	THERMOMETER.			Rain, Inches.	WINDS.							WEATHER.										
	Mean Temperature.				Highest degree.	Lowest degree.	Range.	Prevaling.							Prevaling.							
	A. M.	P. M.	P. M.					Aggregate.							Prevaling.							
	VII.	II.	IX.				Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days				
Fort Brady	19.90	30.30	21.96	24.05	48	2	50	1	5	6	3	4	4	1	6	4	4	S. W.	9	13	8	Cl'dy.
Hancock Bar'ks	22.26	33.43	27.10	27.59	48	1	47	4	3	1	-	4	2	10	2	6	3	S.	18	6	7	Fair.
Fort Snelling	14.13	31.53	15.93	20.53	59	4	63	8	4	-	1	6	4	4	4	3	3	N.	13	9	2	Cl'dy.
Fort Howard	20.36	31.43	25.73	25.84	58	5	53	6	1	1	1	1	5	10	5	5	6	S.	16	-	1	Fair.
Fort Winnebago	15.20	29.16	20.53	21.63	56	1	57	9	8	3	1	1	1	1	1	6	6	N.	13	8	2	Cl'dy.
Fort Crawford	21.53	32.30	28.53	27.45	59	-	65	2	15	2	-	3	2	3	6	5	5	N. W.	17	7	1	Fair.
Fort Constitution	30.30	39.40	33.83	34.51	51	9	42	3	11	3	1	1	3	5	6	6	6	N. W.	19	7	3	Fair.
Watervliet Ar'nal	33.00	41.00	36.03	36.67	58	6	52	1	5	3	1	3	5	7	5	6	6	W.	13	12	4	Cl'dy.
Watertown "	29.06	40.90	37.20	35.72	58	5	53	1	8 ¹ / ₂	-	2 ¹ / ₂	1	7	5	1	5	1	N. W.	17 ¹ / ₂	7 ¹ / ₂	4 ¹ / ₂	Fair.
West Point	31.70	46.63	42.96	40.43	63	10	53	3	11	1	2	6	1	2	6	5	1	N. W.	16	3	7	Fair.
Fl. Wood, N. Y.	36.06	44.50	39.50	40.02	54	14	40	2	6	4	1	2	2	5	6	4	4	S. W.	14	10	5	Cl'dy.

NOVEMBER—CONTINUED.

No. XI.

PLACES	THERMOMETER.				Rain, Inches.	WINDS.								WEATHER.					
	Mean Temperature.					Range.	Highest degree.	Lowest degree.	N.	N.W.	E.	S.E.	S.	S.W.	W.	Fair.	Cl'dy.	Rain.	Snow.
	A. M.	P. M.	P. M.	P. M.															
	Aggregate Mean Temperature.																		
OBSERVATION.	VII.	II.	IX.					Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	
Alleghany Ar'nal	33.10	46.46	41.13	40.23	69	16	53	5	2	1	2	5	10	5	4	20	6	4	-
Ft. Leavenworth	23.96	33.73	28.10	28.59	69	5	64	3	9	3	5	4	4	1	13	11	2	4	-
Fort McHenry	36.03	45.73	40.30	40.68	60	20	40	5	4	3	1	6	8	1	21	3	4	2	-
Fort Monroe	44.60	50.40	45.16	46.72	69	19	50	2	7	4	1	4	3	5	15	10	4	1	-
Fort Gibson	34.76	48.96	37.46	40.37	76	14	62	3	9	4	2	2	6	3	8	16	8	7	-
Fort Towson	35.20	53.93	42.73	43.95	80	16	64	5	3	4	7	2	6	3	19	4	6	2	-
Fort Jesup	42.50	61.06	52.96	52.17	76	32	44	6	6	14	5	2	2	1	17	11	2	3	-
N. Orleans Bar'ks	50.80	64.96	55.46	57.07	84	54	30	5	6	2	3	5	2	1	19	11	2	3	-
Fort Marion	70.60	79.30	72.93	74.27	84	54	30	11	1	5	3	6	1	3	22	5	3	-	-
Fort Brooke	60.86	73.06	67.20	67.04	79	46	33	2	-	11	-	3	3	-	24	6	-	-	-

DECEMBER.

No. XII.

PLACES OF OBSERVATION.	THERMOMETER.				Rain, Inches.	WINDS.												WEATHER.			
	Mean Temperature.		Aggregate Mean Temperature.			Highest degree.	Lowest degree.		Range.		N. N.W. N. E. E. S. E. S. S.W. W.				Prevailing.						
	A. M.	P. M.	P. M.	P. M.		VII.	II.	IX.	Days				Days								
										Days				Days							
Fort Brady	4.35	21.70	10.58	12.21	34	8	42	.88	1	4	4	4	4	4	17	5	9	Fair.	9		
Hancock Bar'ks	6.58	21.70	14.57	14.98	36	—	42	1.55	6	4	2	12	2	2	20	7	3	Fair.	3		
Fort Snelling	5.16	20.03	8.90	11.36	40	—	55	.45	3	1	3	6	8	2	16	6	9	Fair.	9		
Fort Howard	9.35	21.32	15.96	15.54	36	—	50	1.28	1	1	—	10	4	15	18	3	—	Fair.	—		
Fort Winnebago	8.35	18.64	11.80	12.93	40	—	50	.41	4	14	3	1	4	4	12	8	—	Cl'dy.	—		
Fort Crawford	12.58	22.00	19.00	17.86	44	—	52	.32	1	15	—	4	6	1	18	10	—	Fair.	—		
Fort Constitution	20.96	30.93	25.06	25.65	42	4	38	.85	3	1	2	2	5	3	19	10	—	Fair.	—		
Watervliet Ar'nal	18.54	24.67	20.16	21.12	30	2	28	.55	7	4	—	1	4	3	16	13	—	Fair.	—		
Watertown "	19.96	32.48	27.70	26.71	47	2	45	1.02	4	1	1	5	8	11	20	9	—	Fair.	1 1/2		
West Point	20.80	35.83	30.54	29.05	50	7	43	4.65	1	1	7	2	2	7	14	10	—	Fair.	5		
Ft. Wood, N. Y.	27.64	30.25	29.38	29.09	44	16	28	2.24	2	8	—	—	—	9	12	9	—	Cl'dy.	8		

PLACES OF OBSERVATION.	THERMOMETER.					WINDS.										WEATHER.							
	Mean Temperature.					Range.	Highest degree.	Lowest degree.	Rain, Inches.	Prevailing.										Days	Days	Days	Days
	A. M.	P. M.	P. M.	P. M.	P. M.					Days													
	VII.	II.	IX.	Days										Days									
Alleghany Ar'nal	19.75	25.70	21.41	22.98	38	0 38	-	4	3	2	2	1	2	10	7	19	8	19	8	4	4	Fair.	
Ft. Leavenworth	18.83	30.12	23.22	24.05	55	- 4 59	.20	3	10	4	-	13	3	4	1	22	7	22	7	2	2	Fair.	
Fort McHenry	26.87	35.70	30.67	31.08	55	15 40	4.50	3	6	4	-	2	3	4	12	22	5	22	5	4	2	Fair.	
Fort Monroe	36.67	40.96	38.03	38.55	59	22 37	1.60	3	5	7	1	3	5	3	4	16	16	9	4	4	2	Fair.	
Fort Gibson	26.90	42.58	31.48	33.65	61	16 45	1.92	4	2	2	3	2	7	2	9	15	15	12	4	-	-	Cl'dy.	
Fort Towson	28.38	46.35	36.64	37.12	64	16 48	2.90	1	6	4	4	9	9	11	11	19	19	7	7	5	-	Fair.	
Fort Jessup	36.68	55.74	45.09	45.83	60	32 28	5.60	8	8	2	11	5	4	-	1	17	17	6	8	8	-	Fair.	
N. Orleans Bar ^{ks}	46.87	60.93	50.77	52.85	80	22 58	-	4	5	3	4	1	3	6	5	17	17	9	5	5	4	Fair.	
Fort Marion	51.25	62.83	56.25	56.77	82	24 58	-	9	2	11	2	1	6	-	1	23	23	4	4	4	-	Fair.	
Fort Brooke	57.09	67.35	61.35	61.93	78	32 46	-	3	3	7	5	7	3	5	1	27	27	4	4	-	-	Fair.	

MEAN OF OBSER

PLACES OF OBSERVATION.	THERMOMETER.								
	Mean Temperature.								Highest degree.
	Year.	Winter.	Spring.	Summer	Autumn	A. M.	P. M.	P. M.	
						VII.	II.	IX.	
Fort Brady	37.60	11.71	35.69	62.73	40.29	30.29	48.57	34.84	
Hancock Barracks	41.23	16.17	40.77	66.26	41.72	30.81	52.17	40.71	99
Fort Snelling	41.74	8.51	44.10	72.91	41.45	32.85	53.41	38.98	100
Fort Howard	42.86	16.56	42.79	69.41	42.63	34.44	52.39	41.79	98
Fort Winnebago	40.87	13.53	41.58	69.26	39.11	32.95	51.04	37.71	104
Fort Crawford	45.77	15.60	48.40	74.85	45.77	38.19	52.85	47.65	97
Fort Constitution	43.46	25.56	39.99	61.91	46.41	39.89	50.51	43.26	90
Watervliet Arsenal	46.75	21.49	43.17	72.98	49.38	42.67	53.33	44.28	91
Watertown Arsenal	47.32	26.22	43.83	70.74	48.50	38.82	55.21	47.95	96
West Point	50.92	28.63	45.60	74.98	54.58	43.79	58.48	50.10	98
Fort Wood, N. Y.	50.35	28.95	46.04	74.09	52.35	45.91	55.65	49.53	94
Alleghany Arsenal	50.01	24.66	46.82	74.68	53.91	43.50	56.95	49.62	90
Fort Leavenworth	51.23	23.05	55.34	77.11	49.42	45.34	59.27	50.05	95
Fort McHenry	52.56	29.51	50.14	77.46	53.16	47.45	59.06	52.90	102
Fort Monroe	58.49	39.35	55.29	79.51	59.83	54.17	62.10	58.69	94
Fort Gibson	58.34	34.29	60.56	81.48	57.06	52.39	67.56	54.67	106
Fort Towson	59.72	38.33	62.10	80.62	57.85	50.62	69.56	58.99	99
Fort Jesup	63.98	46.54	65.09	80.66	63.62	54.06	73.69	65.16	98
N. Orleans Barracks	67.74	53.95	66.64	82.20	67.60	61.89	75.46	65.44	99
Fort Marion	65.31	55.33	58.73	76.33	70.85	62.21	72.25	65.46	89
Fort Brooke	70.46	62.17	69.00	78.40	72.28	64.78	76.08	70.55	90

VARIATIONS FOR 1838.

Lowest degree.	Range for the year.	Mean monthly range.	Rain, inches.	WINDS.								WEATHER.					
				Days.	N. W.	N. E.	E.	S. E.	S.	S. W.	W.	Prevailing.	Days.	Fair.	Days.	Cloudy.	Days.
-28	122	51.1	34.37	14	83	25	63	61	25	43	51	N. W.	201	39	74	51	Fair.
-19	118	52.	38.37	84	45	13	26	20	104	22	51	S.	237	71	42	15	Fair.
-40	140	53.1	28.22	59	54	21	29	65	61	39	37	S. E.	194	76	58	37	Fair.
-30	128	53.	37.56	77	27	21	15	29	117	34	45	S.	195	54	66	50	Fair.
-29	133	55.5	27.88	79	101	51	24	17	25	35	33	N. W.	169	80	77	39	Cl'dy.
-24	121	49.6	21.96	23	132	23	8	26	44	94	15	N. W.	232	76	42	15	Fair.
4	86	37.1	31.84	27	95	40	22	18	49	48	66	N. W.	229	102	23	11	Fair.
-4	95	41.	30.80	40	68	29	10	35	81	49	53	S.	212	101	35	17	Fair.
-4	100	46.5	43.99	21½	46	15	31	19	46	90½	96	W.	213½	103	41	7½	Fair.
-5	93	40.8	83.37	12	134	30	9	39	83	34	24	N. W.	225	71	56	13	Fair.
13	81	32.5	41.90	14	68	54	10	25	61	82	51	S. W.	213	57	82	13	Fair.
-12	102	42.9		33	59	29	29	30	24	78	83	W.	201	76	63	25	Fair.
-12	107	49.7	26.28	42	72	22	8	67	85	32	37	S.	248	79	27	11	Fair.
10	92	37.7	47.10	47	53	45	6	51	30	44	89	W.	272	48	38	7	Fair.
17	77	32.4	44.94	31	47	75	58	37	28	53	36	N. E.	233	71	53	8	Fair.
0	106	47.5	18.84	47	34	43	56	54	71	27	33	S.	234	86	38	7	Fair.
-1	100	46.2	34.40	25	37	31	32	74	63	72	31	S. E.	251	64	50	-	Fair.
7	91	40.9	47.22	67	52	34	78	26	21	4	83	W.	221	48	93	3	Fair.
22	77	40.3		60	43	53	39	36	44	50	40	N.	228	73	64	-	Fair.
24	65	33.		69	26	99	22	73	31	37	8	N. E.	243	40	82	-	Fair.
26	64	26.7		11	27	79	44	57	24	100	23	S. W.	279	74	12	-	Fair.

JANUARY—CONTINUED.

No. I.

OBSERVATION.	Thermometer.		Mean Aggregate.	Highest degree.	Lowest degree.	Range.	Rain, Inches.	Days		WINDS		Days		Prevaling Wind.	Days	Weather.	Days	Prevaling Wind.	Days	Weather.	Days	Prevaling Wind.	Days	Weather.	Days					
	Bar.	Therm.						Bar.	Therm.	Bar.	Therm.	Bar.	Therm.													Bar.	Therm.	Bar.	Therm.	Bar.
Allegany Ar'nal	27.35	35.29	29.41	30.68	—	4	1.40	3	4	3	9	3	3	3	3	3	3	E.	13	10	6	2	2	Cl'dy.	13	10	6	2	2	Cl'dy.
Ft. Leavenworth	29.00	39.70	32.83	33.84	0	58	1.08	1	12	1	9	1	3	3	3	3	3	N.W.	11	15	4	1	1	Cl'dy.	11	15	4	1	1	Cl'dy.
Fort McHenry	28.12	36.67	32.45	32.41	65	52	3.50	7	5	3	3	3	4	3	3	3	3	N.	17	10	3	1	1	Fair.	17	10	3	1	1	Fair.
Fort Monroe	36.96	42.35	39.87	39.72	60	21	39	8.10	13	9	1	3	6	3	3	3	3	N.W.	18	5	5	3	3	Fair.	18	5	5	3	3	Fair.
Fort Gibson	40.45	48.19	42.45	43.69	70	12	58	2.36	4	4	2	2	10	3	3	3	3	S.	11	18	2	—	—	Cl'dy.	11	18	2	—	—	Cl'dy.
Fort Towson	41.09	53.45	45.74	46.76	72	18	54	7.10	2	8	—	7	2	2	2	2	2	S.W.	12	14	5	—	—	Cl'dy.	12	14	5	—	—	Cl'dy.
Augusta Arsenal	38.96	50.64	44.35	44.65	65	25	40	3.72	4	7	6	1	4	3	2	2	2	N.W.	16	5	8	—	—	Fair.	16	5	8	—	—	Fair.
Fort Jesup	45.54	59.58	52.77	52.63	76	34	42	—	4	2	1	1	5	2	7	3	3	N.	19	6	6	—	—	Fair.	19	6	6	—	—	Fair.
Baton Rouge B'ks	48.25	59.64	55.67	54.52	74	28	46	—	4	2	12	6	—	—	—	—	—	E.	10	12	19	—	—	Fair.	10	12	19	—	—	Fair.
N. Orleans Bar'ks	51.54	62.35	54.77	56.22	78	34	44	8.10	6	2	3	6	2	3	3	3	3	N.W.	10	12	19	—	—	Cl'dy.	10	12	19	—	—	Cl'dy.
Fort Marion	51.16	60.38	53.51	55.01	71	38	33	—	2	2	4	4	10	2	2	2	2	N.	24	4	3	—	—	Fair.	24	4	3	—	—	Fair.
Fort Brooke	56.38	68.23	61.12	61.91	76	48	28	—	1	4	5	1	4	2	2	2	2	N.E.	25	6	6	—	—	Fair.	25	6	6	—	—	Fair.

LEWIS.

No. II.

FEBRUARY.

No. II.

No. of Days.	THERMOMETER.			Rain, Inches.	WINDS.												WEATHER.			Prevaling.
	Mean Temperature.	Highest degree.	Lowest degree.		Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	
	A. M.	P. M.	P. M.		N.	N.W.	N.E.	E.	S.E.	S.	S.W.	W.		Fair.	CPdy	Rain.	Snow.			
13.75	30.57	17.89	20.73	.54	-	11	2	2	6	-	3	4	4	15	9	-	4	Prevaling.		
10.10	28.85	19.28	19.41	.94	5	3	1	4	2	10	2	1	2	20	5	1	2	Fair.		
18.28	27.00	22.03	22.43	.36	2	6	1	2	8	6	1	2	1	10	11	2	5	Cl'dy.		
15.78	36.53	22.10	24.80	1.08	4	3	3	3	4	7	4	-	-	14	10	1	3	Fair.		
18.00	33.03	24.35	25.12	.56	5	2	1	1	3	10	3	4	4	16	5	2	5	Fair.		
15.67	30.82	21.89	22.79	.47	14	8	1	1	1	1	1	1	1	13	8	2	5	Cl'dy.		
20.82	34.07	31.75	28.88	2.06	6	2	6	2	1	1	8	2	2	14	14	-	2	Fair.		
23.50	32.57	26.92	27.66	.37	3	3	1	1	1	3	3	4	4	10	14	1	1	Cl'dy.		
22.03	30.42	23.82	25.42	.65	1	5	-	8	4	8	7	7	7	12	14	1	1	Cl'dy.		
21.71	33.46	29.00	28.05	2.39	2 ¹	3	14	3	2	3	2 ¹	5 ¹	5 ¹	10	14	1 ¹	2 ¹	Cl'dy.		
23.64	39.14	35.00	32.59	.84	3	2	3	1	6	2	4	1	1	9	11	4	4	Cl'dy.		
28.07	36.03	31.71	31.93	.38	2	8	6	2	2	1	7	-	-	13	8	4	3	Cl'dy.		

Fort Brady
Hancock Bar'ks
Rouse's Point
Fort Snelling
Fort Howard
Fort Winnebago
Fort Crawford
Fort Constitution
Watervliet Ar'nal
Watertown "
West Point
Fort Columbus

OBSERVATION.
VII.
VIII.
IX.

PLACES
of
WISCONSIN.

FEBRUARY—CONTINUED.

No. II.

OBSERVATION.	THERMOMETER.			Mean Temperature.	Range.	Rain, Inches.	WINDS.						WEATHER.									
	Highest degree.	Lowest degree.	Aggregate				Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days					
	A. M.	P. M.	P. M.				N. W.	N. E.	E.	S. E.	S.	S. W.	W.	Prevaling	Days	Days	Days	Prevaling	Days	Days	Days	
Allegany Ar'nal	25.35	41.71	30.60	32.55	6 68	1.80	1	5	1	6	2	4	6	W.	14	8	3	Fair.	3	8	3	Fair.
Ft. Leavenworth	29.00	43.64	36.46	36.36	3 62	.78	4	15	4	2	2	3	3	N. W.	20	6	1	Fair.	3	4	3	Fair.
Fort McHenry	30.03	40.10	33.85	34.66	16 36	3.60	4	5	4	6	6	5	3	S. E.	19	4	3	Fair.	6	7	6	Fair.
Fort Monroe	39.78	46.46	43.17	43.13	28 32	4.70	4	4	6	1	3	4	9	S. W.	15	7	2	Fair.	2	10	2	Fair.
Fort Gibson	36.53	53.50	39.89	43.30	15 57	1.45	1	4	1	9	2	3	1	S.	16	9	3	Fair.	3	16	9	Fair.
Fort Towson	36.85	56.32	45.78	46.31	18 55	1.30	2	5	1	4	4	4	1	S. W.	16	9	5	Fair.	2	15	11	Fair.
Augusta Arsenal	39.25	53.57	45.67	46.16	26 40	7.40	4	9	1	4	4	1	1	N. W.	16	4	1	Fair.	7	16	4	Fair.
Fort Jesup	40.00	59.75	51.35	50.36	30 33	-	2	4	2	6	4	1	1	N.	19	1	11	Fair.	8	4	1	Fair.
Baton Rouge B'ks	43.60	56.60	53.39	51.19	30 43	-	5	5	2	2	4	2	3	N.	16	5	3	Fair.	7	5	3	Fair.
N. Orleans Bar 'ks	49.07	62.14	52.25	54.48	35 41	3.40	8	1	2	4	4	2	4	N.	15	6	3	Fair.	7	6	7	Fair.
Fort Marion	56.07	66.71	61.21	61.33	46 33	-	8	1	2	3	3	3	3	N.	15	6	3	Fair.	7	6	7	Fair.
Fort Brooke	55.92	68.71	60.96	61.86	48 28	-	1	1	11	7	3	3	3	N. E.	21	7	-	Fair.	-	7	-	Fair.

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- APRIL.

No. IV.

PLACES OF OBSERVATION.	THERMOMETER.			WINDS.		PREVAILING.		WEATHER.	
	A.M.	P.M.	P.M.	Days		Days		Days	
				Days		Days		Days	
				Days	Days	Days	Days	Days	Days
	Mean Temperature.	Aggregate Mean Temperature.	Range.	Highest degree.	Lowest degree.	Rain, Inches.	Days	Days	Days
	VII.	IX.							
	35.53	62.10	38.70	45.44	72	.43	1	11	1
	33.30	52.76	42.92	42.92	78	4.24	1	4	1
	38.46	51.00	44.03	44.49	64	-	12	4	4
	46.56	70.20	55.10	57.28	84	2.71	1	3	3
	42.80	66.23	49.70	52.91	82	2.48	1	3	1
	41.73	67.80	52.40	53.97	78	1.84	1	2	1
	51.63	72.00	61.06	61.56	82	2.07	2	3	2
	38.66	49.90	42.30	43.62	73	3.28	1	6	2
	41.33	59.23	47.46	49.34	72	3.63	2	3	4
	38.06	57.16	48.56	47.92	77	6.86	5	4	6
	44.46	61.46	55.50	53.80	77	9.75	2	3	3
	44.53	56.06	48.86	49.81	71	-	1	1	1

MAY.

No. V.

PLACES.	THERMOMETER.			Rain, Inches.	WINDS.						WEATHER.						
	Mean Temperature.				Range.	Highest degree.	Lowest degree.	N. W.		S. E.		S. W.		W.		Prevaling.	
	A. M.	P. M.	P. M.					Days	Days	Days	Days	Days	Days	Days	Days		Days
Fort Brady	49.90	55.67	41.00	56	82	26	15	4	1	10	-	-	16	6	8	1	Fair.
Hancock Bar ^{ks}	39.90	56.80	48.61	38	66	28	3	4	2	5	12	1	18	5	8	-	Fair.
Rouse's Point	48.09	57.35	52.25	40	71	31	2	2	3	7	2	7	14	4	12	1	Cl'dy.
Fort Snelling	47.16	59.16	55.22	56	86	30	9	4	1	2	3	4	18	4	9	-	Fair.
Fort Howard	44.64	65.96	51.19	61	90	29	9	3	1	2	7	6	20	2	9	-	Fair.
Fort Winnebago	45.93	65.93	52.48	54	82	28	9	6	4	2	6	1	17	1	13	-	Fair.
Fort Crawford	54.22	71.48	64.64	44	88	24	4	6	4	2	6	6	23	3	5	-	Fair.
Fort Constitution	45.74	56.87	49.25	36	72	36	3	4	3	3	7	4	17	11	3	-	Fair.
Watervliet Ar ^{mal}	51.77	67.00	55.96	38	77	38	2	1	5	2	6	6	18	6	7	-	Fair.
Watertown "	46.64	65.09	54.96	39	79	28	1	2	1	5	2	4	17	8	6	-	Fair.
West Point	51.64	68.64	62.12	49	84	49	1	10	2	6	5	2	15	8	8	-	Cl'dy.
Fort Columbus	52.87	62.77	57.76	48	75	48	1	4	1	7	2	7	17	2	12	-	Fair.

MAY—CONTINUED.

No. V.

OBSERVATION.	THERMOMETER.			Rain, Inches.	WINDS.								WEATHER.					
	Mean Temperature.				Highest degree.	Lowest degree.	Range.	Days		Days		Days		Days	Days	Days		
	A. M.	P. M.	P. M.					N. N.W.	N. E.	S. E.	S. W.	W.	Prevaling.				Prevaling.	Prevaling.
Alleghany Ar'nal	52.41	74.22	56.29	60.97	96	30	66	2.08	8	3	2	8	8	6	12	6	13	Cl'dy.
Ft. Leavenworth	59.70	70.09	62.67	64.15	83	46	37	3.51	7	1	2	4	1	5	17	5	9	Fair.
Fort McHenry	61.45	70.87	66.45	66.25	84	36	48	4.50	1	1	2	9	4	2	26	3	3	Fair.
Fort Monroe	65.54	73.70	68.32	69.18	85	52	33	5.50	3	5	5	10	2	8	16	8	5	Fair.
Fort Gibson	65.67	79.61	69.38	71.55	94	57	37	1.10	2	4	21	7	2	15	13	3	3	Cl'dy.
Fort Towson	63.48	82.06	72.06	72.53	90	62	28	7.50	4	2	11	7	4	5	23	3	3	Fair.
Augusta Arsenal	64.64	78.51	68.61	70.58	89	52	37	4.10	2	2	7	13	4	21	21	9	1	Fair.
Fort Jesup	64.77	85.03	70.12	73.30	92	56	36	4.10	7	1	9	1	4	6	26	1	5	Fair.
Baton Rouge B'ks	66.32	87.22	83.35	78.96	95	54	41	2.02	1	6	15	6	1	1	30	2	1	Fair.
N. Orleans Bar Ics	69.80	86.03	76.16	77.33	96	64	32	2.02	3	3	8	6	6	9	23	2	6	Fair.
Fort Marion	66.67	75.25	67.57	69.83	82	57	25	-	3	5	10	3	1	22	22	3	6	Fair.
Fort Brooke	72.77	83.41	77.48	77.88	88	68	20	-	1	15	4	5	-	3	28	3	-	Fair.

No. VI. JUNE—CONTINUED.

OBSERVATION.	THERMOMETER.			WINDS.						WEATHER.														
	Mean Temperature.			Rain, Inches.	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days										
	A. M.	P. M.	P. M.																					
	VII.	II.	IX.	Aggregate Mean Temperature.	Highest degree.	Lowest degree.	Range.	N.	N.W.	E.	S.E.	S.	S.W.	W.	Prevaling.									
Alleghany Ar'nal	56.63	75.53	63.70	65.28	88	38	50	2.55	4	6	2	3	-	-	-	4	12	4	14	-	-	-	Cl'dy.	
Ft. Leavenworth	65.20	76.06	69.76	70.34	86	54	32	5.29	1	9	2	1	6	3	1	9	21	-	9	-	-	-	-	Fair.
Fort McHenry	66.63	73.23	70.16	70.00	85	57	28	4.10	4	4	2	4	4	5	6	22	22	-	7	-	-	-	-	Fair.
Fort Monroe	69.73	76.60	73.10	73.14	92	60	32	4.80	-	2	4	2	8	4	9	20	22	-	5	5	-	-	-	Fair.
Fort Gibson	71.60	82.40	73.50	75.83	94	63	31	4.65	-	2	4	1	10	1	8	22	22	-	4	4	-	-	-	Fair.
Fort Towson	71.66	88.00	77.86	79.17	92	62	30	17.50	-	-	1	3	4	5	20	18	18	-	8	8	-	-	-	Fair.
Augusta Arsenal	72.26	87.66	78.06	79.32	97	65	32	-	14	2	-	-	-	9	20	26	26	-	2	2	-	-	-	Fair.
Fort Jesup	72.66	91.53	81.36	81.85	96	66	30	2.60	-	-	-	-	-	5	1	16	16	-	3	3	-	-	-	Fair.
Baton Rouge B'ks	74.43	92.70	86.83	84.65	98	70	28	-	-	-	-	13	4	-	6	28	28	-	11	11	-	-	-	Fair.
N. Orleans Bar'ks	75.70	91.40	82.00	83.03	96	69	27	3.11	-	1	2	-	3	7	3	25	25	-	-	-	-	-	-	Fair.
Fort Marion	75.00	86.26	75.66	78.97	94	69	25	-	5	-	3	1	2	12	6	14	14	-	4	4	-	-	-	Cl'dy.
Fort Brooke	78.56	85.13	80.00	81.23	88	72	16	-	-	1	2	2	4	7	8	23	23	-	7	7	-	-	-	Fair.

No. VII.

JULY.

OBSERVATION.	THERMOMETER.			Rain, Inches.	WINDS.								WEATHER.											
	Mean Temperature.				Lowest degree.	Range.	Highest degree.	N.		N. E.		E.		S. E.		S.		S. W.		W.				
	A. M.	P. M.	P. M.					Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	
Fort Brady	62.90	76.54	59.06	66.16	96	49	47	1	21	1	3	5	1	1	1	1	20	6	20	Fair.	6	Fair.		
Hancock Bar ^{ks}	58.90	78.41	63.74	67.01	91	58	33	4	1	2	3	5	14	1	1	1	13	5	13	Cl'dy.	8	Cl'dy.		
Rouse's Point	65.09	72.06	68.03	68.39	82	58	24	3	2	4	1	2	6	12	6	12	8	10	8	12	11	Fair.	11	Fair.
Fort Snelling	63.51	87.09	71.09	73.89	95	53	42	3	3	1	1	3	7	8	7	8	24	-	24	-	7	Fair.	7	Fair.
Fort Howard	61.16	85.77	67.00	71.31	98	49	49	5	2	1	1	2	14	1	1	3	10	8	10	8	13	Cl'dy.	13	Cl'dy.
Fort Winnebago	58.54	83.29	63.87	68.56	94	53	41	15	5	2	2	1	2	1	3	3	24	24	24	24	6	Fair.	6	Fair.
Fort Crawford	69.74	87.38	79.03	78.71	100	64	36	1	4	2	1	3	8	5	3	5	28	28	28	28	2	Fair.	2	Fair.
Fort Constitution	61.58	70.93	63.48	65.33	84	57	27	2	2	1	3	1	15	2	2	2	17	17	17	17	3	Fair.	3	Fair.
Watervliet Ar ^{nal}	67.35	81.48	71.45	73.42	92	57	35	3	4	1	1	1	14	4	4	4	17	17	17	17	3	Fair.	3	Fair.
Watertown "	63.03	81.19	71.16	71.79	91	50	41	1 1/2	1 1/2	-	1 1/2	2	8 1/2	15	1	1	20 1/2	20 1/2	20 1/2	20 1/2	4 1/2	Fair.	4 1/2	Fair.
West Point	65.38	81.22	74.45	73.68	87	65	22	1	15	1	1	4	2	7	1	1	18	18	18	18	5	Fair.	5	Fair.
Fort Columbus	69.44	74.35	75.12	72.97	86	61	25	-	5	5	-	9	-	-	-	-	19	19	19	19	4	Fair.	4	Fair.

OBSERVATION.

PLACES

of

JULY—CONTINUED.

No. VII.

OBSERVATION.	THERMOMETER.				Rain, Inches.	WINDS.												WEATHER.			
	Mean Temperature.		Highest degree.	Lowest degree.		Range.	N.		N.W.		E.		S.		S.W.		W.	Fair.	Cl'dy.	Rain.	Snow.
	A. M.	P. M.					Days	Days	Days	Days	Days	Days	Days	Days	Days	Days					
Allegany Ar'nal	67.19	80.54	71.03	86	2.40	3	6	1	3	3	1	3	3	7	7	1	17	1	13	-	Fair.
Ft. Leavenworth	70.00	82.16	74.55	92	5.12	1	4	3	3	8	8	2	3	8	3	2	22	2	7	-	Fair.
Fort McHenry	72.48	82.41	76.41	90	5.60	2	6	1	1	5	3	5	5	8	3	2	24	4	3	-	Fair.
Fort Monroe	75.93	84.32	79.87	93	4.50	2	-	3	1	8	3	14	3	14	4	4	21	4	6	-	Fair.
Fort Gibson	75.16	89.51	83.70	98	-	-	-	1	4	10	5	22	3	5	5	24	24	4	3	-	Fair.
Fort Towson	73.80	92.70	81.16	100	6.40	-	2	6	2	1	4	7	7	7	7	24	24	4	3	-	Fair.
Augusta Arsenal	75.67	83.51	79.96	90	6.23	-	6	3	9	4	2	5	4	4	4	17	17	14	-	-	Fair.
Fort Jesup	73.22	89.35	81.19	100	6.23	12	1	2	3	16	4	5	1	2	1	21	21	4	6	-	Fair.
Baton Rouge B'ks	74.22	89.06	82.87	99	9.86	3	6	3	3	2	1	6	3	6	7	2	12	12	17	-	Cl'dy.
N. Orleans Bar'ks	78.32	88.48	80.64	95	-	3	2	4	4	8	14	3	3	8	14	10	10	9	12	-	Cl'dy.
Fort Marion	76.54	81.70	77.12	88	-	-	2	4	4	5	8	6	3	8	6	10	10	12	21	-	Cl'dy.
Fort Brooke	78.70	84.16	81.54	90	-	-	7	7	5	8	6	3	3	3	2	10	10	-	-	-	Cl'dy.

No. VIII.

AUGUST.

PLACES OR OBSERVATION.	THERMOMETER.				Rain, Inches.	WINDS.							WEATHER.														
	Mean Temperature.					Range.	Highest degree.	Lowest degree.	Aggregate Mean Temperature.	Days	N.	N.W.	E.	S.E.	S.	S.W.	W.	Days	Fair.	Cloudy.	Rain.	Snow.	Days	Prevaling.			
	A. M.		P. M.																						VII.	II.	IX.
	A. M.	P. M.	P. M.	A. M.																							
Fort Brady	56.80	77.87	53.32	64.33	94	49	45	64.33	1	13	2	1	1	2	2	1	2	23	1	7	7	23	23	Fair.			
Hancock Bar's	54.54	77.61	65.54	65.89	97	47	50	65.89	7	1	3	1	3	8	3	7	5	22	22	5	4	22	22	Fair.			
Rouse's Point	61.09	70.80	65.22	65.99	83	52	31	65.99	4	4	3	1	3	4	7	5	2	16	16	6	9	16	16	Fair.			
Fort Snelling	61.09	83.74	68.61	71.14	97	55	42	71.14	6	3	1	1	6	7	5	2	2	21	21	5	5	21	21	Fair.			
Fort Howard	54.64	80.48	60.74	65.28	92	52	40	65.28	10	1	1	1	2	7	2	2	2	18	18	3	10	18	18	Fair.			
Fort Winnebago	54.51	77.74	59.83	64.02	90	40	50	64.02	10	4	6	1	2	9	2	1	2	24	24	2	5	24	24	Fair.			
Fort Crawford	66.32	76.58	73.25	72.05	94	54	40	72.05	6	7	1	1	4	9	2	3	8	18	18	3	10	18	18	Fair.			
Fort Constitution	59.51	70.29	62.48	64.09	82	53	29	64.09	1	3	5	1	4	8	2	7	7	19	19	2	2	19	19	Fair.			
Watervliet Ar'nal	65.58	78.35	67.29	70.40	84	52	32	70.40	1	2	5	1	4	9	2	2	2	25	25	2	4	25	25	Fair.			
Watertown "	59.83	78.00	69.19	69.00	93	52	41	69.00	4	2	2	3	1	5	9	4	3	17	17	9	4	17	17	Fair.			
West Point	61.03	75.64	67.54	68.09	87	50	37	68.09	7	3	3	1	5	5	4	4	3	19	19	4	8	19	19	Fair.			
Fort Columbus	68.09	73.87	70.61	70.85	82	53	29	70.85	3	5	7	4	4	1	9	9	9	17	17	7	7	17	17	Fair.			

AUGUST—CONTINUED.

No. VIII.

OBSERVATION.	THERMOMETER.			Rain, Inches.	WINDS.								WEATHER.				Prevaling.					
	Mean Temperature.				Highest degree.	Range.	Lowest degree.	N.		S.W.		S.		S.W.		Days		Days	Days	Days		
	A. M.	P. M.	P. M.					Days	Days	Days	Days	Days	Days	Days	Days						Days	Days
	VII.	IX.	IX.					Days	Days	Days	Days	Days	Days	Days	Days						Days	Days
Allegheny Ar'nal	65.80	78.83	64.77	69.80	89	53	36	8	4	2	2	10	15	2	20	4	7	Fair.				
Ft. Leavenworth	64.48	80.61	72.64	72.57	90	54	36	3	4	4	4	3	9	1	24	2	5	Fair.				
Fort McHenry	68.67	76.87	73.29	72.94	85	55	30	3	4	1	4	3	9	1	24	3	4	Fair.				
Fort Monroe	73.64	79.25	76.64	76.17	92	61	31	1	6	1	6	1	12	1	13	7	11	Cl'dy.				
Fort Gibson	74.70	89.25	83.64	82.53	93	57	36	-	8	6	2	19	3	22	5	4	4	Fair.				
Fort Towson	71.16	90.61	78.38	80.05	99	58	31.	-	3	10	15	1	2	23	3	3	4	Fair.				
Augusta Arsenal	76.03	81.29	79.38	78.90	96	66	30	1	3	9	9	1	10	28	3	3	6	Fair.				
Fort Jesup	73.22	94.03	83.29	83.51	100	65	95	9	8	1	1	2	1	20	5	5	6	Fair.				
Baton Rouge B'ks	69.03	89.12	82.54	80.23	97	63	34	-	5	22	1	1	1	24	2	2	16	Fair.				
N. Orleans Bar'ks	77.19	89.48	80.09	82.25	96	74	22	4	10	1	1	3	10	13	13	2	16	Cl'dy.				
Fort Marion	78.19	81.19	77.87	79.08	88	75	13	-	10	9	9	2	2	23	2	2	19	Fair.				
Fort Brooke	78.90	85.90	82.51	82.43	92	76	16	-	4	5	5	4	1	12	12	-	-	Cl'dy.				

SEPTEMBER.

No. IX.

PLACES	THERMOMETER.				Rain, Inches.	WINDS.										WEATHER.																
	Mean Temperature.					Aggregate Mean Temperature.	Highest degree.	Lowest degree.	Range.	N.	N.W.	E.	S.E.	S.	S.W.	W.	Days	Days	Days	Days	Prevaling.	Cl'dy.	Fair.	Cl'dy.	Fair.	Cl'dy.	Fair.	Cl'dy.	Fair.			
	A. M.	P. M.	P. M.	P. M.																										VII.	II.	IX.
	OBSERVATION.																															
Fort Brady	47.40	62.66	47.93	52.66	84	34	50	4.29	10	1	3	8	2	5	1	1	12	8	9	1	Cl'dy.	Fair.	1	Cl'dy.	Fair.	1	Cl'dy.	Fair.				
Hancock Bar'ks	48.76	63.90	56.90	56.52	82	31	51	1.74	3	2	3	3	8	7	4	4	19	7	4	-	Fair.	-	-	-	-	-	-	-				
Rouse's Point	55.33	63.16	56.60	58.36	76	36	40	-	2	4	7	4	4	6	4	3	10	7	7	13	Cl'dy.	Cl'dy.	6	Fair.	6	Fair.	6	Fair.				
Fort Snelling	47.30	63.10	53.63	56.34	82	28	54	1.61	2	1	2	7	4	5	3	17	7	7	7	6	Fair.	7	Fair.	7	Fair.	7	Fair.					
Fort Howard	44.43	68.16	53.80	55.46	80	32	48	.77	5	-	1	3	14	1	5	18	4	4	7	1	Fair.	1	Fair.	1	Fair.	1	Fair.					
Fort Winnebago	42.66	62.90	48.10	51.22	80	26	54	1.43	15	3	2	2	3	2	3	16	6	6	7	1	Fair.	6	Fair.	7	Fair.	7	Fair.					
Fort Crawford	50.33	67.36	58.76	58.81	86	32	54	4.95	7	2	8	1	3	4	3	16	6	6	6	7	Fair.	6	Fair.	7	Fair.	7	Fair.					
Fort Constitution	54.63	64.86	57.70	59.06	79	44	35	1.58	2	2	1	1	10	1	10	20	8	8	2	7	Fair.	2	Fair.	2	Fair.	2	Fair.					
Watervhet Ar'nal	57.43	69.20	60.70	62.44	79	39	40	3.67	2	2	3	13	2	8	2	16	7	7	7	3½	Fair.	7	Fair.	7	Fair.	7	Fair.					
Watertown "	53.90	72.10	63.76	63.25	84	39	45	1.96	2½	1	2½	3	6½	8½	5½	23½	3	3	3	3	Fair.	3	Fair.	3	Fair.	3	Fair.					
West Point	57.03	73.03	62.86	64.30	86	41	45	4.59	8	1	1	3	5	5	2	21	5	5	9	-	Fair.	9	Fair.	9	Fair.	9	Fair.					
Fort Columbus	63.03	70.10	67.03	66.72	82	53	29	-	1	10	4	5	1	8	1	22	1	1	-	-	Fair.	-	-	-	-	-	-	-				

No. X.

OCTOBER.

PLACES OF	THERMOMETER.			Highest degree.	Lowest degree.	Range.	Rain, Inches.	WINDS.								WEATHER.										
	Mean Temperature.							Days		Days		Days		Days		Fair.	Cloudy.	Snow.								
	A.M.	P.M.	P.M.					N.	N.W.	E.	S.E.	S.	S.W.	W.	Days				Days	Days						
Fort Brady	42.77	55.12	47.45	73	21	52	4.25	1	7	3	3	8	4	4	1	4	4	14	11	6	-	1	1	1	Cloudy.	
Hancock Bar'ks	37.80	51.93	45.70	67	23	44	.53	12	2	3	5	3	10	1	1	2	2	17	11	2	1	1	1	1	1	Fair.
Rouse's Point	44.80	63.04	48.61	68	22	46	-	2	3	5	2	7	8	5	1	1	1	14	10	6	1	1	1	1	1	Cloudy.
Fort Snelling	48.03	63.41	51.77	81	28	53	2.11	7	4	2	2	6	7	3	1	1	1	14	11	6	-	-	-	-	-	Cloudy.
Fort Howard	47.70	63.70	51.48	79	32	47	5.26	13	2	4	4	2	9	1	-	3	3	15	5	11	-	-	-	-	-	Cloudy.
Fort Winnebago	46.80	60.22	50.25	80	26	54	8.14	9	-	4	1	2	9	3	3	2	2	15	9	10	12	-	-	-	-	Cloudy.
Fort Crawford	52.96	65.71	59.93	86	38	48	5.05	3	6	1	3	3	7	9	2	2	2	22	6	9	-	-	-	-	-	Fair.
Fort Constitution	45.48	57.48	48.90	62	30	38	.83	2	4	4	3	6	4	7	3	6	3	23	7	2	2	2	2	2	2	Fair.
Watervliet Ar'nal	44.96	60.38	49.53	74	31	43	1.22	4	2	2	4	3	6	7	3	3	2	21	6	3	-	-	-	-	-	Fair.
Watertown "	42.16	61.32	54.00	73	26	47	2.26	4	1	2	2	4	1	6	9	2	2	24	3	3	3	3	3	3	3	Fair.
West Point	46.35	66.64	56.12	72	34	38	2.13	13	3	-	4	4	9	-	-	2	2	18	8	5	-	-	-	-	-	Fair.
Fort Columbus	52.29	60.06	56.58	66	41	25	-	2	5	5	-	1	6	8	3	3	3	16	9	6	-	-	-	-	-	Fair.

OBSERVATION.

OCTOBER—CONTINUED.

No. X.

PLACES OF	THERMOMETER.				Rain, Inches.	WINDS.						WEATHER.										
	Mean Temperature.					Range.	N. N.W. N.E. E. S. E. S. W. W.		Days		Days	Days	Days	Fair.	Fair.	Fair.	Fair.					
	A. M.	P. M.	P. M.	P. M.			IX.	Days	Days	Days								Days	Days	Days	Days	Days
	VII.	II.	IX.	IX.		IX.	Days	Days	Days	Days	Days	Days	Days	Days	Days							
Allegany Ar'nal	50.00	67.12	56.87	57.99	74	44	30	.60	3	3	3	3	2	2	2	2	21	7	3	-	-	Fair.
Ft. Leavenworth	52.25	66.58	60.51	59.78	83	38	45	6.05	3	3	3	3	2	2	2	2	16	5	10	-	-	Fair.
Fort McHenry	54.25	65.74	60.32	60.10	78	38	40	1.60	1	1	10	3	6	3	3	3	25	5	5	1	4	Fair.
Fort Monroe	61.51	66.19	63.83	63.84	74	56	18	6.80	1	1	4	1	6	1	1	1	18	9	4	4	4	Fair.
Fort Gibson	59.29	77.16	65.19	67.21	88	45	43	9.10	2	2	11	3	11	3	3	3	24	3	3	4	4	Fair.
Fort Towson	59.09	74.77	65.16	66.34	84	50	34	3.90	2	2	2	2	4	4	4	4	19	7	4	5	5	Fair.
Augusta Arsenal	60.32	70.58	67.38	66.09	78	49	29	-	1	1	3	3	4	1	1	1	26	4	6	1	1	Fair.
Fort Jesup	62.58	80.90	75.61	73.03	88	50	38	5.10	1	1	2	2	2	2	2	2	22	6	3	3	3	Fair.
Baton Rouge B'ks	56.09	72.54	68.77	65.80	86	43	43	-	1	1	2	2	8	8	8	8	25	4	4	6	6	Fair.
N. Orleans Bar'ks	67.74	85.03	73.41	75.39	86	60	26	2.40	12	4	4	4	5	2	2	2	24	4	4	3	3	Fair.
Fort Marion	70.03	73.93	70.41	71.45	79	62	17	-	4	4	3	3	2	2	2	2	15	15	15	16	16	Cl'dy.
Fort Brooke	72.25	82.29	77.03	77.19	86	72	14	-	1	1	1	1	1	1	1	1	21	10	10	-	-	Fair.

No. XI.

NOVEMBER.

PLACES OF OBSERVATION.	THERMOMETER.				Rain, Inches.	WINDS.							WEATHER.												
	Mean Temperature.					Range.	Highest degree.	Lowest degree.	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days							
	A. M.	P. M.	P. M.	P. M.															N. N.W.	N. E.	S. E.	S.	S. W.	W.	Prevaling.
VII.	II.	IX.	Aggregate	Mean Temperature.	Highest degree.	Lowest degree.	Range.	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days								
Fort Brady	26.43	36.90	30.83	31.38	46	10	36	1.78	3	6	4	3	2	4	4	4	4	N. W.	14	12	14	1	3	3	C'ly.
Hancock Bar's	26.06	36.16	31.26	31.16	56	14	42	3.89	9	4	2	1	2	7	2	4	2	N. N. W.	18	8	18	2	2	8	Fair.
Rouse's Point	30.23	36.26	31.73	32.74	52	11	41	-	2	6	4	1	3	5	5	4	4	N. W.	4	10	4	8	8	2	C'ly.
Fort Snelling	24.36	37.03	29.03	30.14	54	-	37	1.66	5	4	2	2	6	5	2	4	4	S. E.	17	9	17	2	4	5	Fair.
Fort Howard	24.56	41.76	29.90	32.07	64	-	72	2.25	12	-	1	-	14	3	1	2	2	S.	19	9	19	2	4	5	Fair.
Fort Winnebago	23.13	35.03	26.33	28.16	50	-	58	1.27	11	2	3	5	1	3	2	3	2	N.	16	9	16	9	3	2	Fair.
Fort Crawford	27.80	39.93	32.93	33.55	48	-	56	1.90	2	8	-	2	3	2	13	4	6	S. W.	25	11	25	4	2	1	Fair.
Fort Constitution	32.80	43.10	36.13	37.34	58	17	41	2.05	4	10	1	2	1	2	2	5	1	N. W.	16	11	16	11	4	2	Fair.
Waterviet Ar'nal	32.63	41.03	35.46	36.37	58	16	42	2.81	3	3	3	2	3	3	3	1	3	W.	14	12	14	12	3	1	C'ly.
Watertown "	30.43	43.40	38.92	37.58	65	12	53	2.07	2	6½	1	2½	3	1	2	3	1	N. W.	14	13	14	13	3	6	C'ly.
West Point	32.86	48.00	38.20	39.68	63	17	46	1.44	18	2	1	1	2	5	2	1	2	W.	16	8	16	8	6	6	Fair.
Fort Columbus	36.20	44.80	38.80	39.93	60	16	44	-	3	13	7	1	1	2	2	2	2	N. W.	14	10	14	10	5	1	C'ly.

PLACES OF	THERMOMETER.				Rain, Inches.	WINDS.								WEATHER.								
	Mean Temperature.		Aggregate.	Highest degree.		Lowest degree.	Range.	N.		N.W.		S.		S.W.		W.		Prevaling.				
	A. M.	P. M.						P. M.	P. M.	Days	Days	Days	Days	Days	Days	Days	Days		Days	Days	Days	
	VII.	II.	IX.			Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days				
Alleghany Ar'nal	31.03	42.96	34.00	35.99	48	11	37	2.70	4	4	1	6	2	2	4	7	W.	11	6	5	8	Cl'dy.
Ft. Leavenworth	31.00	43.30	38.43	37.57	58	2	56	1.29	5	4	3	1	4	9	2	2	S.	19	4	5	2	Fair.
Fort McHenry	33.63	48.10	38.93	40.22	60	16	44	2.80	2	4	3	1	3	3	4	6	W.	22	6	2	-	Fair.
Fort Monroe	45.63	50.33	48.13	48.03	68	23	39	3.60	2	1	2	1	2	1	3	3	N.E.	15	11	4	-	Fair.
Fort Gibson	39.70	57.66	44.36	47.24	78	0	78	1.40	1	1	1	14	5	9	7	9	S.E.	21	3	3	3	Fair.
Fort Towson	40.93	54.93	46.46	47.44	80	10	70	7.00	-	9	3	8	8	2	2	-	N.W.	16	6	8	-	Fair.
Augusta Arsenal	41.63	53.30	48.80	47.91	68	32	36	-	2	5	6	2	9	1	4	1	S.E.	24	5	1	-	Fair.
Fort Jesup	46.16	61.70	58.53	55.46	82	20	62	4.20	6	6	7	3	3	1	1	5	N.W.	15	9	6	-	Fair.
Baton Rouge B'ks	44.66	61.96	55.93	54.18	78	26	52	-	2	7	3	15	1	-	4	2	E.	25	8	5	-	Fair.
N. Orleans Bar'ks	52.43	64.96	54.83	57.40	82	30	52	-	7	8	7	4	1	4	6	2	N.E.	14	8	1	-	Cl'dy.
Fort Marion	55.50	62.23	56.30	58.01	76	38	38	3.92	6	3	4	1	4	6	5	2	S.	22	11	7	-	Fair.
Fort Brooke	62.56	74.06	68.56	68.39	80	54	26	-	6	3	5	12	7	-	2	1	E.	19	11	7	-	Fair.

DECEMBER.

No. XII.

PLACES or OBSERVATION.	THERMOMETER.				Rain, Inches.	WINDS.							WEATHER.							
	Mean Temperature.					Range.	Highest degree.	Lowest degree.	N.	N.W.	E.	S.E.	S.	S.W.	W.	Prevaling	Days	Days	Days	Days
	A. M.	P. M.	P. M.	P. M.																
	VII.	II.	IX.	Aggregate																
Fort Brady	23.41	34.64	25.67	27.90	.70	60	0	13	3	4	7	1	1	2	N. W.	13	2	4	Cl'dy.	
Hancock Bar'ks	20.70	29.58	26.16	25.48	2.70	43	-2	11	6	2	3	-	1	4	N.	21	7	1	Fair.	
Rouse's Point	21.16	29.41	23.32	24.63	-	45	-1	7	5	7	2	4	1	3	N.	14	3	4	Cl'dy.	
Fort Snelling	18.12	28.83	19.22	22.05	1.07	45	-8	2	1	1	5	6	3	20	N. W.	3	20	-	Cl'dy.	
Fort Howard	23.03	32.00	26.51	27.18	1.68	46	-12	1	1	1	-	7	-	8	N.	8	6	1	Cl'dy.	
Fort Winnebago	18.67	27.74	20.58	22.33	.76	40	-9	1	3	4	-	2	1	3	N.	8	11	-	Cl'dy.	
Fort Crawford	20.70	29.67	26.12	25.49	4	48	-4	8	3	3	2	2	1	6	S. W.	28	11	-	Fair.	
Fort Constitution	28.64	35.25	31.09	31.66	1.00	50	-12	8	9	13	1	1	1	2	N. E.	16	11	2	Fair.	
Watervliet Ar'nal	24.83	34.71	26.90	28.81	2.10	48	-2	7	12	2	1	5	1	2	N. W.	15	10	4	Cl'dy.	
West Point	26.12	35.35	30.25	30.57	8.48	48	-5	4	9 $\frac{1}{2}$	7 $\frac{1}{2}$	3	1	3 $\frac{1}{2}$	2 $\frac{1}{2}$	N. W.	12 $\frac{1}{2}$	11 $\frac{1}{2}$	3 $\frac{1}{2}$	Cl'dy.	
Fort Columbus	28.64	39.32	30.80	32.92	6.66	51	-20	3	4	4	1	1	4	4	N.	12	12	4	Cl'dy.	
	33.09	39.12	34.67	35.62	-	59	-22	5	3	10	1	-	5	4	N. E.	10	10	8	Cl'dy.	

DECEMBER—CONTINUED.

No. XII.

PLACES OF OBSERVATION.	THERMOMETER.					Rain, Inches.	WINDS.							WEATHER.									
	Mean Temperature.						Range.	Highest degree.	Lowest degree.	N.	N.W.	N.E.	E.	S.E.	S.	S.W.	W.	Prevaling.	Fair.	Cl'dy.	Rain.	Snow.	
	A. M.		P. M.		P. M.																		
	VII.		II.		IX.																		
Alleghany Ar'nal	27.70	34.25	29.03	30.32	30.32	10	42	3.28	1	6	4	5	3	1	3	4	8	W.	2	11	5	13	Cl'dy.
Ft. Leavenworth	23.67	31.51	28.35	27.84	27.84	3	53	1.52	1	10	7	1	4	4	4	2	2	N.W.	9	12	2	8	Cl'dy.
Fort McHenry	29.80	39.80	33.22	34.27	34.27	13	36	8.80	7	7	6	1	3	3	3	4	2	N.W.	16	10	3	2	Fair.
Fort Monroe	38.87	41.48	40.12	40.15	40.15	30	20	9.60	16	16	6	6	3	-	6	-	-	N.W.	16	16	4	1	Fair.
Fort Gibson	32.22	48.22	38.77	39.73	39.73	10	58	2.50	9	9	4	5	6	6	4	14	4	N.	12	16	3	-	Cl'dy.
Fort Towson	33.83	46.93	39.22	39.99	39.99	64	24	4.00	2	2	2	4	6	4	3	9	4	W.	22	4	5	-	Fair.
Augusta Arsenal	32.41	44.38	39.22	38.67	38.67	24	34	1.30	2	2	2	4	6	4	3	4	4	N.W.	22	9	7	-	Fair.
Fort Jesup	38.64	55.83	52.09	48.85	48.85	64	32	4.20	1	15	3	3	3	3	4	4	3	N.W.	16	8	1	-	Fair.
Baton Rouge B'ks	41.45	57.19	52.19	50.27	50.27	28	44	-	4	4	4	8	3	3	4	4	3	E.	25	5	7	-	Fair.
N. Orleans Bar'ks	42.06	56.00	46.22	48.09	48.09	67	29	4.40	10	5	4	1	1	3	4	3	4	N.	22	4	4	5	Fair.
Fort Marion	43.19	57.60	47.74	49.57	49.57	69	29	4.40	3	9	6	4	4	3	1	2	4	N.W.	25	23	5	6	Fair.
Fort Brooke	47.22	62.83	54.20	54.75	54.75	74	32	-	3	5	12	-	4	-	2	4	1	N.E.	23	8	-	-	Fair.

MEAN OF OBSER

PLACES	THERMOMETER.								Highest degree.
	Mean Temperature.								
	Year.	Winter.	Spring.	Summ'r	Autumn	A. M.	P. M.	P. M.	
						VII.	II.	IX.	
Fort Brady	41.63	21.61	38.11	62.65	44.16	35.38	52.04	37.52	98
Hancock Barracks	41.99	20.51	39.59	63.58	44.27	33.97	50.19	41.81	97
Rouse's Point	43.85	21.26	42.76	64.77	46.63	40.02	48.45	43.11	83
Fort Snelling	47.20	23.11	48.04	70.72	46.96	38.94	57.84	44.84	97
Fort Howard	46.07	25.47	45.66	65.94	47.24	37.75	56.91	43.59	98
Fort Winnebago	44.30	22.49	46.40	64.38	43.93	36.81	54.02	41.74	94
Fort Crawford	51.19	27.25	53.55	73.42	50.56	43.75	57.99	51.89	100
Fort Constitution	45.52	28.40	42.32	62.39	49.00	40.71	51.43	44.76	84
Watervliet Arsenal	47.78	25.38	46.50	69.10	50.14	42.87	54.85	46.10	92
Watertown Arsenal	48.43	28.62	46.63	67.37	51.10	40.28	56.97	48.88	93
West Point	51.35	31.31	51.39	69.16	53.56	43.24	59.13	51.84	87
Fort Columbus	51.19	32.67	48.73	69.07	54.32	43.99	55.30	51.48	86
Alleghany Arsenal	50.76	31.18	50.95	69.33	51.60	44.39	59.56	49.02	89
Fort Leavenworth	53.88	32.68	57.14	72.82	52.90	47.54	60.50	53.62	92
Fort McHenry	54.33	33.88	55.22	73.19	55.03	49.30	59.92	54.45	96
Fort Monroe	58.47	40.78	57.58	75.78	59.46	55.95	61.99	58.78	93
Fort Gibson	60.22	41.15	61.53	78.04	62.63	55.32	69.75	60.55	104
Fort Towson	63.29	44.35	66.12	80.59	62.11	55.36	71.46	62.00	100
Augusta Arsenal	62.28	43.16	63.86	79.31	62.82	56.13	68.16	62.07	97
Fort Jesup	67.39	50.61	67.86	82.09	69.00	66.29	76.34	67.97	100
Baton Rouge Bar'ks	68.12	51.92	71.66	82.31	66.59	58.54	75.39	70.49	100
N. Orleans Barracks	68.72	52.92	68.64	82.67	70.67	62.82	77.07	67.06	96
Fort Marion	67.08	55.30	65.04	78.83	69.14	62.49	71.62	65.45	94
Fort Brooke	72.04	59.50	71.59	81.70	75.38	67.00	77.47	71.68	92

VARIATIONS FOR 1839.

Lowest degree.	Range for the year.	Mean monthly range.	Rain, Inches.	WINDS.										WEATHER.				
				N. Days.	N. W. Days.	N. E. Days.	E. Days.	S. E. Days.	S. Days.	S. W. Days.	W. Days.	Prevailing.	Fair. Days.	Cloudy. Days.	Rain. Days.	Snow. Days.	Prevailing.	
-28	126	53.5	24.01	8	138	26	26	98	18	25	26	N. W.	210	74	52	29	Fair.	
-26	123	49.7	38.77	83	40	23	25	29	104	25	36	S.	214	81	53	17	Fair.	
-18	101	42.1	...	43	56	34	14	54	68	53	43	S.	151	84	88	42	Cl'dy.	
-26	123	55.5	21.19	54	48	23	20	57	77	49	37	S.	199	87	58	21	Fair.	
-16	114	53.3	31.28	124	23	18	12	26	122	16	24	N.	200	51	74	40	Fair.	
-26	120	54.5	28.95	137	51	42	29	17	45	16	28	N.	190	64	77	34	Fair.	
-26	126	50.8	31.46	67	62	14	17	23	80	76	26	S. W.	262	43	52	8	Fair.	
-10	94	43.8	26.93	38	66	50	19	11	74	38	69	S.	208	127	25	5	Fair.	
-10	102	41.9	29.73	36	65	43	11	33	90	37	50	S.	197	103	56	9	Fair.	
-12	105	49.6	42.89	33	53	30	38	17	51	72	69	S. W.	214	97	46	7	Fair.	
-11	98	38.8	69.47	80	90	28	8	47	40	55	17	N. W.	190	80	81	14	Fair.	
-6	92	34.	-	25	80	73	13	48	20	87	19	S. W.	192	72	84	17	Fair.	
-4	93	46.9	25.62	40	59	27	53	17	36	51	82	W.	175	67	95	28	Fair.	
-3	95	46.	33.32	18	81	37	12	81	60	51	25	S.	213	72	67	13	Fair.	
4	92	39.7	51.70	43	56	44	14	53	43	54	58	W.	272	51	37	5	Fair.	
20	73	31.7	72.00	12	56	90	10	54	22	113	8	S. W.	208	87	64	6	Fair.	
0	104	47.6	-	33	16	21	29	90	99	49	28	S.	229	97	34	5	Fair.	
0	100	41.2	66.00	16	49	36	8	68	116	53	19	S.	231	77	57	-	Fair.	
29	68	35.4	-	13	43	36	25	65	32	85	66	S. W.	279	66	19	1	Fair.	
18	82	38.4	45.36	82	37	54	81	25	42	17	27	N.	232	49	82	2	Fair.	
20	80	40.	-	10	25	46	169	46	5	22	42	E.	292	16	57	-	Fair.	
29	65	34.8	50.02	68	47	46	22	38	35	72	37	S. W.	214	64	87	-	Fair.	
29	65	28.4	-	55	25	71	38	40	85	29	22	S. W.	232	53	80	-	Fair.	
38	54	23.3	-	10	20	119	75	53	30	43	15	N. E.	245	70	50	-	Fair.	

JANUARY.

No. I.

PLACES OF OBSERVATION.	THERMOMETER.				Rain, Inches.	WINDS.							WEATHER.														
	Mean Temperature.					Range.	Highest degree.	Lowest degree.	N.	N.W.	N.E.	E.	S.E.	S.	S.W.	W.	Prevaling.	Fair.	Cl'dy.	Rain.	Snow.	Days.	Days.	Days.	Prevaling.		
	A. M.	P. M.	P. M.	P. M.																						VII.	II.
Fort Brady	8.77	24.70	11.77	15.08	39	-12	51	1.73	3	6	7	10	2	2	6	3	E.	10	18	3	-	-	-	10	18	3	Cl'dy.
Hancock Bar'ks	3.09	15.12	11.22	9.81	34	-19	53	1.34	4	7	2	1	1	3	4	7	W.	24	4	-	-	-	24	4	-	Fair.	
Fort Snelling	5.32	21.32	10.67	12.43	40	-37	77	.49	3	8	3	3	3	1	3	6	S.	13	12	-	-	-	13	12	-	Cl'dy.	
Plattsburgh B'ks	6.77	17.38	13.71	12.62	36	-24	60	-	6	12	2	-	-	1	6	4	N.W.	13	16	-	-	-	13	16	-	Cl'dy.	
Fort Howard	9.54	23.64	16.06	16.08	36	-30	66	.30	12	2	2	2	2	2	2	1	N.	11	12	1	1	1	11	12	1	Cl'dy.	
Fort Winnebago	7.61	19.32	11.41	12.78	40	-23	63	.80	1	2	4	4	2	2	3	3	N.	9	9	1	1	1	9	9	1	Cl'dy.	
Fort Niagara	19.12	26.03	21.41	22.18	37	4	33	-	1	2	2	3	2	3	3	8	W.	8	23	1	-	-	8	23	1	Cl'dy.	
Fort Crawford	12.00	21.92	15.41	16.21	44	-18	62	1.40	14	4	4	4	1	2	3	3	N.W.	27	15	-	-	-	27	15	-	Fair.	
Fort Gratiot	12.48	21.16	16.51	16.71	37	0	37	2.59	7	3	3	3	1	2	3	8	N.W.	16	9	1	1	1	16	9	1	Fair.	
Waterliet Ar'nal	9.64	21.48	13.93	15.01	41	-26	67	-	3	3	3	1	2	3	8	-	W.	16	9	2	2	2	16	9	2	Fair.	
Watertown "	12.70	24.45	20.41	19.18	38	-12	50	2.91	7	3	4	1	2	2	1	1	N.W.	19	6	1	1	1	19	6	1	Fair.	
Detroit Barracks	16.45	23.93	20.74	20.37	38	-5	43	1.74	6	1	1	-	-	5	14	4	S.W.	17	5	3	3	3	17	5	3	Fair.	
West Point	17.06	30.29	22.03	23.12	47	6	41	2.50	17	1	3	3	-	2	5	3	N.	15	9	1	1	1	15	9	1	Cl'dy.	
Fort Columbus	20.38	28.12	22.90	23.80	40	-2	38	1.84	2	6	5	1	1	1	2	1	S.W.	18	7	4	4	4	18	7	4	Fair.	
Alleghany Ar'nal	17.22	26.61	21.54	21.79	42	-12	54	1.33	3	3	3	4	2	2	6	4	W.	10	12	4	4	4	10	12	4	Cl'dy.	

No. I. JANUARY—CONTINUED.

OBSERVATION.	THERMOMETER.				Rain, Inches.	WINDS.								WEATHER.										
	Mean Temperature.					Aggregate	Highest degree.	Lowest degree.	Range.	N.	N. W.	N. E.	E.	S. E.	S.	S. W.	W.	Prevaling	Fair.	Cl'dy.	Rain.	Snow.		
	A. M.		P. M.																				IX.	
	VII.	II.	VII.	IX.																				
Carlisle Barracks	15.51	26.67	19.15	20.44	45	-15	60	-	2	11	1	8	1	-	-	8	20	8	1	8	2	Fair.		
Ft. Leavenworth	18.74	27.29	22.38	22.80	48	-8	56	.73	4	1	1	1	1	7.	12	4	11	17	1	2	2	Cl'dy.		
Fort McHenry	18.35	30.64	23.61	24.20	44	5	39	2.30	5	7	3	1	2	1	2	10	26	2	3	2	2	Fair.		
Fort Monroe	31.64	36.48	34.67	34.26	58	17	41	1.60	-	9	8	1	2	1	9	1	14½	19	10½	3	3	Cl'dy.		
Fort Wayne	33.38	46.09	43.35	40.90	63	10	53	-	-	13	6	-	-	-	12	-	14½	17	9	4	1	Fair.		
Fort Gibson	30.35	44.06	36.06	36.82	69	5	64	4.08	9	3	5	4	4	3	5	1	N.	17	16	11	3	1	Fair.	
Fort Smith	30.00	44.41	38.74	37.71	62	4	58	1.70	6	4	3	4	4	4	2	12	16	11	11	3	1	1	Fair.	
Little Rock Ar'nal	34.70	45.22	40.61	40.17	63	20	43	-	4	5	4½	3	3½	2½	2	6½	11	16	11	8	1	1	Cl'dy.	
Fort Towson	36.12	48.87	41.61	42.20	70	16	54	4.40	7	1	1	5	2	2	6	9	20	16	11	5	-	-	Fair.	
Augusta Arsenal	36.38	51.51	42.41	43.43	65	22	43	-	1	1	1	2	3	2	12	9	S.W.	19	12	6	-	-	Fair.	
Fort Moultrie	44.35	51.61	47.87	47.94	63	24	39	-	3	11	5	2	2	1	5	4	N.W.	22	4	5	6	-	-	Fair.
Fort Jesup	41.93	56.74	52.80	50.49	72	32	40	3.40	3	3	2	2	3	3	2	14	N.W.	23	2	2	6	-	-	Fair.
N. Orleans Bar'ks	47.77	60.77	56.74	55.09	78	28	50	-	6	1	10	2	2	8	8	1	N.E.	26	4	1	-	-	-	Fair.
Fort Brooke	49.90	65.70	58.09	57.89	74	34	40	2.60	-	-	8	9	4	4	1	2	E.	20	8	3	-	-	-	Fair.

No. II.

FEBRUARY.

PLACES OF OBSERVATION.	THERMOMETER.						Rain, inches.	WINDS.						WEATHER.											
	Mean Temperature.			Aggregate Mean Temperature.	Highest degree.	Lowest degree.		Range.	N. N.W.	N. E.	S. E.	S. W.	W.	Prevaling.	Days	Days	Days	Days							
	A. M.	P. M.	P. M.																VII.	II.	IX.				
																			Days	Days	Days	Days	Days	Days	Days
Fort Brady	14.03	32.68	18.06	21.59	42	-2	44	1	4	1	6	8	2	2	5	S. E.	5	3	2	2	10	16	3	3	Cl'dy.
Hancock Bar'ks	16.93	28.96	25.10	23.66	46	-13	59	5	2	2	3	2	2	1	1	S.	3	3	1	1	8	19	6	2	Fair.
Fort Snelling	14.71	31.20	19.65	21.85	54	-20	74	5	5	1	2	3	8	1	1	S.	8	1	1	4	8	18	2	2	Cl'dy.
Plattsburgh B'ks	21.82	30.10	27.20	26.37	56	-8	64	4	4	1	-	1	2	1	1	S.	14	2	2	2	14	13	3	2	Cl'dy.
Fort Howard	14.13	32.37	21.51	22.67	50	-15	65	4	5	2	1	2	1	2	2	S.	16	3	3	2	15	15	7	4	Fair.
Fort Winnebago	17.06	30.79	21.06	22.97	54	-22	76	4	1	6	1	3	3	3	2	N. E.	13	7	4	5	13	13	4	5	Cl'dy.
Fort Niagara	28.41	35.93	30.75	31.69	57	10	47	1	1	1	1	1	1	1	1	N. W.	14	15	1	1	14	15	1	1	Cl'dy.
Fort Crawford	21.93	31.96	25.51	26.46	48	-22	70	9	4	4	6	3	3	3	7	N.	6	3	3	7	25	15	3	10	Fair.
Fort Gratiot	27.44	35.65	31.17	31.42	63	3	60	2	2	2	2	1	1	1	1	S. W.	7	7	9	7	16	10	3	3	Fair.
Watervliet Ar'nal	26.72	36.58	30.31	31.20	64	-6	70	3	4	4	-	1	1	1	1	S.	15	3	3	9	16	10	3	10	Fair.
Watertown "	27.37	39.37	33.63	33.45	64	-11	75	1	9	1	2	1	4	5	4	N. W.	4	4	5	4	16	10	3	2	Fair.
Detroit Barracks	28.65	39.00	32.20	33.28	64	11	53	3	2	2	-	4	6	7	5	S. W.	7	5	4	5	19	7	7	5	Fair.
West Point	29.10	43.10	37.93	36.71	61	2	59	7	7	2	-	2	4	4	4	S.	13	4	4	4	19	7	5	2	Fair.
Fort Columbus	30.37	39.65	34.54	34.85	56	4	52	5	6	6	2	2	2	2	2	S. W.	11	1	1	1	17	5	5	2	Fair.
Alleghany Ar'nal	32.30	48.03	37.03	39.12	75	6	63	3	4	2	3	2	2	2	2	S. W.	7	5	5	7	15	17	4	9	Fair.

FEBRUARY—CONTINUED.

No. II.

PLACES OF OBSERVATION.	THERMOMETER.				Rain, Inches.	WINDS.							WEATHER.													
	Mean Temperature.					Highest degree.	Lowest degree.	Range.	N.	N.W.	N.E.	E.	S.E.	S.	S.W.	W.	Fair.	Cldy.	Rain.	Snow.	Days.	Days.	Days.	Prevaling.		
	A. M.	P. M.	P. M.	P. M.																					VII.	II.
Carlisle Barracks	28.44	43.48	35.00	35.64	66	7	59	-	4	8	2	8	3	1	-	2	11	7	19	7	7	2	1	1	1	Fair.
Ft. Leavenworth	26.20	41.62	36.03	34.61	74	3	71	.73	1	4	2	-	2	14	3	2	11	3	19	7	7	2	1	1	1	Fair.
Fort McHenry	31.31	46.13	38.63	38.68	63	5	58	2.30	1	2	2	5	5	2	8	5	3	18	18	7	7	3	2	1	1	Fair.
Fort Monroe	44.62	50.06	48.48	47.72	63	22	41	3.20	4	4	6	4	5	2	6	4	2	19	19	7	7	2	1	1	1	Fair.
Fort Wayne	40.79	60.41	54.00	51.73	79	10	69	-	4	3	4	3	10	2	4	1	20	20	20	1	1	7	1	1	1	Fair.
Fort Gibson	37.82	56.44	44.97	46.41	80	2	78	1.20	1	1	2	3	7	9	3	1	21	21	21	6	2	2	4	1	1	Fair.
Fort Smith	35.74	52.82	46.86	45.14	78	4	82	2.65	1	1	1	3	7	4	2	10	23	23	23	2	2	4	4	1	1	Fair.
Little Rock Ar ^{mal}	42.13	56.72	51.96	50.27	78	25	53	-	4	2	1	2	4	4	7	5	18	18	18	6	4	4	1	1	1	Fair.
Fort Towson	41.17	58.27	50.31	49.91	78	18	60	3.00	4	2	1	2	5	5	8	7	22	22	22	2	2	5	5	1	1	Fair.
Augusta Arsenal	47.37	62.72	52.44	54.17	74	27	47	-	1	3	1	1	6	3	12	5	19	19	19	10	10	9	8	1	1	Fair.
Fort Moultrie	54.75	60.51	58.34	57.86	70	30	40	-	5	7	5	1	3	5	5	1	15	15	15	9	9	8	2	2	2	Cldy.
Fort Jesup	49.27	65.10	57.77	57.38	82	24	58	1.96	6	2	2	3	2	3	7	5	12	12	12	9	9	8	2	2	2	Fair.
N. Orleans Bar ^{ks}	54.75	68.06	62.51	61.77	84	36	48	2.01	2	2	6	4	8	4	1	1	25	25	25	2	2	2	2	2	2	Fair.
Fort Brooke	59.37	72.79	64.37	65.51	79	42	37	1.00	-	-	8	10	8	1	2	-	16	16	16	9	9	2	4	-	-	Fair.

MARCH.

No. III.

PLACES OF OBSERVATION.	THERMOMETER.										Rain, Inches.	WINDS.									WEATHER.					
	Mean Temperature.					Aggregate	Highest degree.	Lowest degree.	Range.	N.		N.W.	N.E.	E.	S.E.	S.	S.W.	W.	Fair.			Rain.		Snow.	Days.	Prevaling.
	A.M.	P.M.	P.M.	P.M.	IX.														Days.	Days.	Days.	Days.	Days.			
	Mean Temperature.											N.	N.W.	N.E.	E.	S.E.	S.	S.W.	W.	Fair.			Rain.		Snow.	Days.
VII.	II.	IX.	V.		VI.	III.	IV.	Days.	Days.	Days.	Days.									Days.	Days.	Days.	Days.	Days.		
Fort Brady	19.70	41.22	25.54	28.82	56	.32	3	59		1	9	2	1	6	1	4	7	20	8	-		3			Fair.	
Hancock Bar'ks	20.29	35.74	30.29	28.77	46	2.67	6	52		3	3	2	1	3	8	3	4	21	6	-		2			Fair.	
Fort Snelling	26.29	45.77	32.38	34.81	59	.65	0	59		8	3	-	1	4	4	5	6	14	14	-		3			Cl'y.	
Plattsburgh B'ks	23.54	34.54	29.93	29.33	60	-	10	50		2	7	1	3	4	11	1	2	13	13	9	7	2			Cl'y.	
Fort Howard	24.93	45.90	29.96	33.59	54	.26	14	40		10	-	2	1	2	15	1	1	20	6	6	1	7			Fair.	
Fort Winnebago	24.90	40.67	29.00	31.52	62	.48	8	54		11	3	1	2	2	1	3	5	17	6	1	1	7			Fair.	
Fort Niagara	30.38	41.87	32.29	34.84	61	-	18	43		6	5	1	4	2	2	6	5	23	2	2	2	4			Fair.	
Fort Crawford	31.67	43.61	36.19	37.15	60	.20	10	50		7	11	1	1	1	2	3	2	29	1	1	1	2			Fair.	
Fort Gratiot	31.70	37.90	34.67	34.75	36	1.01	14	22		9	4	4	4	2	4	6	5	15	10	10	1	4			Cl'y.	
Waterliet Ar'nal	31.10	42.45	33.00	35.51	62	-	12	50		4	5	-	1	2	4	2	13	16	16	8½	3	2			Fair.	
Watertown "	29.41	43.80	38.06	37.09	60	3.76	6	54		2	8	1	4½	2	4	7	4	16	10	2	3½	3			Fair.	
Detroit Barracks	31.64	38.70	35.25	35.19	68	4.62	18	50		7	4	2	2	2	1	4	3	17	12	3	5	3			Cl'y.	
West Point	35.06	47.54	40.80	41.13	70	3.41	30	40		11	-	4	4	-	14	-	1	11	5	6	3	8			Fair.	
Fort Columbus	35.41	47.00	38.38	40.26	63	2.92	18	45		2	4	3	5	1	5	12	1	13	8	8	2	2			Cl'y.	
Alleghany Ar'nal	35.03	47.87	37.87	40.25	72	3.47	18	54		4	7	5	5	2	9	4	5	15	3	11	3	2			Cl'y.	

PLACES OF OBSERVATION.	THERMOMETER.				Rain, Inches.	WINDS.							WEATHER.							
	Mean Temperature.		Aggregate Mean Temperature.	Highest degree.		Lowest degree.	Range.	N.	N.W.	N.E.	E.	S.E.	S.	S.W.	W.	Prevaling.	Fair.	Cl'dy.	Rain.	Snow.
	A. M.	P. M.																		
	VII.	II.	IX.																	
Carlisle Barracks	35.96	50.25	41.29	42.50	70	18	52													
Ft. Leavenworth	35.16	49.64	43.96	42.92	68	22	46													
Fort McHenry	38.06	52.96	44.77	45.26	72	22	50													
Fort Monroe	49.09	56.64	53.74	53.15	70	33	37													
Fort Wayne	46.45	64.00	57.19	55.88	78	28	50													
Fort Gibson	47.45	64.45	51.64	54.51	79	32	47													
Fort Smith	45.83	64.41	59.41	56.55	76	34	42													
Little Rock Ar ⁿ al	51.12	64.96	58.54	58.20	80	44	36													
Fort Towson	48.77	67.54	57.48	57.93	82	34	48													
Angusta Arsenal	51.74	66.32	56.58	58.21	78	33	45													
Fort Moultrie	59.45	63.90	60.74	61.36	70	45	25													
Fort Jessup	56.80	72.83	63.93	64.52	86	35	51													
N. Orleans Bar ^{ks}	63.54	73.45	70.48	69.15	88	48	36													
Fort Brooke	62.77	74.58	67.77	68.37	84	50	34													

APRIL.

No. IV.

PLACES OF OBSERVATION.	THERMOMETER.						Rain, Inches.	WINDS.												WEATHER.				
	Mean Temperature.							Range.	N.						S.						Fair.	Cl'dy.	Snow.	
	A. M.		P. M.		IX.				N. W.		N. E.		S. E.		S.		S. W.		Days	Days				Days
	VII.	II.	VII.	IX.	Days	Days			Days	Days	Days	Days	Days	Days	Days	Days	Days	Days						
Aggregate Mean Temperature.						Highest degree.	Prevaling.						Prevaling.											
Lowest degree.							N. W.						S. W.											
Fort Brady	30.76	49.96	34.33	38.35	66	18	48	2	9	2	4	7	2	2	2	2	2	12	15	2	1	Cl'dy.		
Hancock Bar ks	32.13	48.36	43.70	41.39	77	12	65	3	3	-	1	2	13	3	3	5	5	19	5	4	2	Fair.		
Fort Snelling	37.90	58.60	45.80	47.50	79	22	57	4	7	-	4	4	6	4	5	5	5	16	9	7	1	Fair.		
Plattsburgh B'ks	38.90	49.53	44.20	44.21	74	20	54	-	6	-	1	11	4	1	3	3	3	14	8	7	1	Cl'dy.		
Fort Howard	37.83	57.66	43.60	46.36	76	26	50	7	2	2	2	3	10	3	3	3	3	20	6	7	3	Fair.		
Fort Winnebago	35.33	57.93	41.03	44.76	80	20	60	11	2	2	3	2	5	3	2	2	2	17	6	13	-	Fair.		
Fort Niagara	40.63	48.56	42.86	44.01	82	32	58	5	7	1	2	1	2	4	3	2	2	15	2	5	-	Fair.		
Fort Crawford	43.33	60.53	50.16	51.34	90	32	58	5	5	3	6	2	2	5	2	2	2	23	2	9	1	Fair.		
Fort Gratiot	41.40	53.90	43.50	46.26	93	29	64	8	2	1	2	1	2	10	2	2	2	20	7	3	1	Fair.		
Watervliet Ar'nal	46.33	55.63	47.73	49.89	80	27	53	3	2	-	2	2	13	1	4	1	1	20	2	9	1	Fair.		
Watertown "	39.53	58.63	50.83	47.66	82	23	59	1	6	-	2	2	4	1	4	1	2	25	2	2	1	Fair.		
Detroit Barracks	43.30	55.40	45.73	48.14	84	22	62	4	2	2	2	2	12	3	3	3	3	20	6	4	-	Fair.		
West Point	42.03	61.26	49.20	50.83	82	30	52	-	2	-	1	1	17	2	2	2	2	22	2	7	-	Fair.		
Fort Columbus	46.13	58.66	49.63	51.47	73	34	39	8	1	-	3	6	2	4	2	2	2	16	7	7	-	Fair.		
Alleghany Ar'nal	44.93	64.10	50.36	53.13	84	26	58	1	3	3	3	3	6	3	3	6	6	18	3	3	-	Fair.		

APRIL—CONTINUED.

No. IV.

PLACES OF OBSERVATION.	THERMOMETER.				Range.	Rain, Inches.	WINDS.						WEATHER.						
	Mean Temperature.						Highest degree.	Lowest degree.	N.	N.W.	N.E.	S.	S.W.	W.	Fair.	Cl'dy.	Rain.	Snow.	Prevaling.
	Aggregate																		
	A. M.	P. M.	P. M.	I. X.															
Carlisle Barracks	43.60	61.93	52.03	52.52	82	-	2	1	4	3	6	4	7	20	8	2	-	Fair.	
Ft. Leavenworth	46.76	63.86	56.76	55.79	86	2.62	3	1	4	1	3	4	1	18	6	6	-	Fair.	
Fort McHenry	44.03	62.83	55.90	54.25	80	4.80	2	1	3	2	6	7	6	25	4	1	-	Fair.	
Fort Monroe	57.96	65.06	61.13	61.38	82	5.90	-	2	7	3	8	3	1	22	7	1	-	Fair.	
Fort Wayne	54.53	71.33	62.73	62.86	86	40.46	-	8 ¹ / ₂	2	-	17	1 ¹ / ₂	4	14	4	12	-	Cl'dy.	
Fort Gibson	56.36	72.40	61.73	63.49	89	42.47	-	1	1	3	7	11	4	16	7	7	-	Fair.	
Fort Smith	54.26	71.66	65.70	63.87	92	8.50	-	1	1	6	5	4	1	21	6	3	-	Fair.	
Little Rock Ar'nal	58.56	70.76	65.56	64.96	84	47.37	-	1	4 ¹ / ₂	5	8	6 ¹ / ₂	3	14	10	6	-	Cl'dy.	
Fort Towson	58.96	74.26	64.76	65.99	86	50.36	-	1	3	2	3	11	3	10	4	16	-	Cl'dy.	
Augusta Arsenal	59.20	72.96	62.26	64.80	88	40.48	-	1	6	3	12	6	1	12	18	3	-	Cl'dy.	
Fort Moultrie	64.93	69.53	67.10	67.18	79	51.28	-	1	4	3	2	5	6	19	8	8	-	Fair.	
Fort Jesup	63.93	80.03	69.96	71.30	89	3.25	-	1	10	2	3	14	3	10	11	9	-	Cl'dy.	
N Orleans Bar'ks	67.60	81.70	73.86	74.38	90	3.10	-	2	2	2	3	8	4	10	1	5	-	Fair.	
Fort Brooke	70.20	82.76	74.66	75.87	90	1.90	-	2	7	5	8	2	1	21	3	4	-	Fair.	

MAY.

No. V.

PLACES or OBSERVATION.	THERMOMETER.				Rain, Inches.	WINDS.												WEATHER.					
	Mean Temperature.					Range.	Highest degree.	Lowest degree.	Aggregate Mean Temperature.	N. Days	N.W. Days	N.E. Days	E. Days	S.E. Days	S. Days	S.W. Days	W. Days	Prevaling.	Fair.	Cldy.	Rain.	Snow.	Prevaling.
	A. M.	P. M.	P. M.	P. M.																			
	VII.	II.	IX.																				
Fort Brady	47.19	74.74	53.19	58.37	1.15	30	56	9	3	3	10	2	2	2	2	20	9	2	9	2	20	Fair.	Fair.
Hancock Bar ^{ks}	49.09	62.51	52.80	52.46	1.52	36	48	2	1	1	3	8	7	7	22	5	5	4	5	4	22	Fair.	Fair.
Fort Snelling	53.45	74.74	63.32	63.83	2.31	41	51	2	2	3	3	7	3	3	16	10	10	5	5	10	16	Fair.	Fair.
Plattsburgh B ^{ks}	54.09	67.80	60.12	60.67	36.58	36	58	4	2	2	3	7	3	3	18	7	7	3	3	7	18	Fair.	Fair.
Fort Howard	51.29	70.67	56.67	59.54	29.63	29	63	1	1	1	1	13	4	4	20	3	3	8	5	3	20	Fair.	Fair.
Fort Winnebago	49.83	72.19	54.83	58.95	32.56	32	56	8	4	2	3	4	4	4	19	7	7	5	5	7	19	Fair.	Fair.
Fort Niagara	53.03	61.41	56.25	56.89	42.43	42	43	4	4	2	3	8	6	6	28	1	1	12	2	1	28	Fair.	Fair.
Fort Crawford	56.32	74.67	66.74	65.97	40.52	40	52	4	3	3	2	8	4	4	25	2	2	1	1	2	25	Fair.	Fair.
Fort Gratiot	51.96	70.41	53.70	58.69	38.53	38	53	2	2	2	1	11	1	1	20	1	1	5	5	1	20	Fair.	Fair.
Watervliet Ar ^{nal}	56.38	69.29	58.12	61.26	38.52	38	52	5	4	3	4	10	4	4	20	8	8	3	3	5	20	Fair.	Fair.
Watertown "	47.16	67.35	55.74	56.75	34.58	34	58	4	2	2	3	3	3	3	18	6	6	5	5	3	18	Fair.	Fair.
Detroit Barracks	54.00	69.42	58.93	60.78	40.46	40	46	2	2	2	5	2	2	2	21	8	8	2	2	2	21	Fair.	Fair.
West Point	51.45	71.22	58.64	60.43	41.51	41	51	2	1	1	1	20	1	1	23	2	2	6	6	2	23	Fair.	Fair.
Fort Columbus	53.33	64.09	56.64	58.02	39.41	39	41	6	5	2	2	8	1	1	21	5	5	5	5	5	21	Fair.	Fair.
Alleghany Ar ^{nal}	53.77	70.22	61.22	61.73	42.42	42	42	4	1	6	5	4	4	1	19	5	5	7	7	5	19	Fair.	Fair.

MAY—CONTINUED.

No. V.

PLACES OF OBSERVATION.	THERMOMETER.				Rain, Inches.	WINDS.						WEATHER.						
	Mean Temperature.					Range.	N.	N.W.	N.E.	E.	S.E.	S.	S.W.	W.	Fair.	Cl'dy.	Rain.	Snow.
	Aggregate.																	
	Highest degree.																	
Lowest degree.																		
Mean Temperature.				Highest degree.	Lowest degree.	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days		
Aggregate.																		
Prevaling.																		
Mean Temperature.				Highest degree.	Lowest degree.	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days		
Aggregate.																		
Prevaling.																		
Mean Temperature.				Highest degree.	Lowest degree.	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days		
Aggregate.																		
Prevaling.																		
Mean Temperature.				Highest degree.	Lowest degree.	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days		
Aggregate.																		
Prevaling.																		
Carlisle Barracks	50.35	71.93	58.80	60.36	88	37	51	-	-	-	-	-	-	-	-	-	-	
Ft. Leavenworth	54.06	71.61	63.67	63.11	84	43	41	3.34	4	5	13	3	3	19	7	-	-	
Fort McHenry	54.25	68.90	61.38	61.51	80	40	40	3.90	2	4	4	4	5	23	3	8	-	
Fort Monroe	64.41	71.64	67.41	67.82	82	53	29	5.90	2	4	4	6	3	19	8	5	-	
Fort Wayne	59.06	77.77	66.58	67.80	88	44	44	-	3	3	2	2	1	17	3	10	-	
Fort Gibson	61.22	79.16	66.93	69.10	87	47	40	10.13	-	1	8	9	4	23	4	4	-	
Fort Smith	58.25	79.41	69.38	69.01	92	47	45	4.43	-	1	5	12	4	24	4	3	-	
Little Rock Ar ^{nal}	62.09	78.38	69.90	70.12	87	53	34	-	2	3	3	4	2	27	1	2	-	
Fort Towson	61.12	81.12	70.58	70.94	87	50	87	2.30	1	2	6	7	5	25	1	5	-	
Augusta Arsenal	61.25	75.61	67.16	68.00	83	48	35	-	4	7	2	4	4	13	18	-	-	
Fort Moultrie	71.35	75.38	73.48	73.40	82	58	24	-	5	-	2	2	4	23	6	-	-	
Fort Jesup	64.25	83.74	73.64	73.87	94	55	39	2.90	-	4	4	5	2	25	6	6	-	
N. Orleans Bar ^{ks}	70.22	84.96	76.74	77.30	94	56	38	4.80	-	2	4	6	3	26	5	-	-	
Fort Brooke	70.19	81.77	76.06	76.00	84	62	22	8.85	-	2	4	6	1	19	1	11	-	

JUNE.

No. VI.

PLACES [PLACES OF OBSERVATION.]	THERMOMETER.				Rain, Inches.	WINDS.										WEATHER.				
	Mean Temperature.					Range.	N. W.		N. E.		S. E.		S. W.		Fair.		Rain.		Snow.	
	A. M.	P. M.	P. M.	P. M.			Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	
	Aggregate						Lowest degree.	N. W. N. E.		E. S. E.		S. S. W.		Prevalling.		Prevalling.		Prevalling.		
VII.	II.	IX.	IX.	Highest degree.	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days			
Fort Brady	53.06	77.50	56.03	62.19	43	13	1	-	-	-	3	2	18	8	4	-	-	Fair.		
Hancock Bar ^{ks}	52.40	71.26	61.26	61.64	32	5	1	1	3	3	15	3	20	5	5	-	-	Fair.		
Fort Snelling	60.76	81.53	66.53	69.60	89	5	1	1	5	8	8	6	16	3	11	-	-	Fair.		
Plattsburgh B ^{lks}	60.66	74.36	66.50	67.17	94	2	1	1	3	4	13	4	19	7	4	-	-	Fair.		
Fort Howard	59.40	80.86	64.93	68.39	92	6	2	2	2	2	17	1	17	1	12	-	-	Fair.		
Fort Winnebago	57.20	78.40	60.56	65.38	98	8	2	2	2	2	17	1	19	1	10	-	-	Fair.		
Fort Niagara	54.80	66.06	60.46	60.44	82	4.	5	5	2	1	3	6	20	2	8	-	-	Fair.		
Fort Crawford	66.50	83.13	72.06	73.89	95	3	3	3	2	1	10	5	18	2	4	-	-	Fair.		
Fort Gratiot	59.66	76.60	61.36	65.87	94	3	3	1	1	1	7	5	22	7	8	-	-	Fair.		
Watervliet Ar ^{nal}	61.70	71.93	65.76	66.46	88	5	2	2	3 ^{1/2}	2	9	9	18	7	5	-	-	Fair.		
Watertown "	55.86	77.13	65.50	66.16	91	2	5	5	5	2	10	6	20 ^{1/2}	4 ^{1/2}	5	-	-	Fair.		
Detroit Barracks	58.93	76.70	64.63	66.75	88	4	6	3	1	1	16	4	22	6	2	-	-	Fair.		
West Point	59.26	77.33	65.33	67.30	86	11	6	3	3	1	9	4	18	4	8	-	-	Fair.		
Fort Columbus	62.76	73.13	65.26	67.05	90	1	6	4	2	1	8	1	17	9	4	-	-	Fair.		
Alleghany Ar ^{nal}	62.70	77.83	68.26	69.59	86	2	8	4	2	1	3	7	10	3	9	-	-	Fair.		

JUNE—CONTINUED.

No. VI.

PLACES or OBSERVATION.	THERMOMETER.				Rain, Inches.	WINDS.						WEATHER.							
	Mean Temperature.		Aggregate	Highest degree.		Lowest degree.	Range.	N. N.W.		N. E.		S. E.		S. W.		W.	Prevaling.		
	A. M.	P. M.						P. M.	P. M.	Days	Days	Days	Days	Days	Days			Days	Days
	VII.	II.						IX.	IX.	Days	Days	Days	Days	Days	Days			Days	Days
Carlisle Barracks	59.13	78.66	65.23	67.69	94	46	48	-	3	5	6	1	3	12	W.	21	6	3	Fair.
Ft. Leavenworth	62.53	79.56	70.66	70.91	91	51	40	6.62	4	-	2	15	2	1	S.	21	-	9	Fair.
Fort McHenry	62.63	80.20	70.66	71.16	90	58	32	5.10	3	2	3	2	6	7	W.	25	2	3	Fair.
Fort Monroe	71.36	78.63	74.50	74.83	88	63	25	11.10	1	6	5	6	2 $\frac{1}{2}$	2	S.W.	17	7	3	Fair.
Fort Wayne	67.06	85.63	75.00	75.89	92	52	40	-	1	10	14	2	2 $\frac{1}{2}$	7	S.E.	20	3 $\frac{1}{2}$	10 $\frac{1}{2}$	Fair.
Fort Gibson	69.30	85.40	76.76	77.15	90	60	30	3.30	-	2	3	10	3	8	S.	26	1	3	Fair.
Fort Smith	67.73	91.43	77.50	78.88	99	52	47	1.90	-	-	2	9	15	3	S.	27	1	2	Fair.
Little Rock Ar'nal	69.73	86.13	77.20	97.68	93	58	35	-	1 $\frac{1}{2}$	1	1 $\frac{1}{2}$	1	6 $\frac{1}{2}$	8	S.	24	2 $\frac{1}{2}$	3 $\frac{1}{2}$	Fair.
Fort Tawson	66.20	88.23	76.00	76.81	97	60	37	1.60	2	5	-	2	9	4	S.	24	4	2	Fair.
Augusta Arsenal	69.06	83.23	73.96	75.41	92	59	33	-	1	3	3	2	12	3	S.W.	19	11	-	Fair.
Fort Moultrie	75.30	79.96	77.06	77.44	88	67	21	-	1	2	1	2	9	10	W.	17	12	-	Fair.
Fort Jessup	71.46	88.73	80.06	80.08	94	60	34	6.95	1	5	1	2	7	8	W.	23	-	7	Fair.
N. Orleans Bar'ks	71.20	88.70	80.03	79.97	94	70	24	7.10	1	6	-	-	14	6	S.W.	21	3	6	Fair.
Fort Brooke	71.33	84.40	78.60	78.11	90	70	20	6.72	1	2	1	2	8	5	S.W.	14	7	9	Cl'dy.

JULY.

No. VII.

PLACES or OBSERVATION.	THERMOMETER.				Rain, Inches.	WINDS.							WEATHER.								
	Mean Temperature.					Highest degree.	Lowest degree.	Range.	N.	N.W.	E.	S.E.	S.	S.W.	W.	Prevaling.	Fair.	Cl'dy.	Rain.	Snow.	
	A. M.	P. M.	P. M.	I. X.																	
Fort Brady	58.00	74.77	59.45		64.07	90	42	48	2	13	1	2	6	1	5	1	1	21	4	6	Fair.
Hancock Bar'ks	58.77	77.54	67.22		67.84	92	53	39	-	2	3	3	3	19	3	1	1	21	7	3	Fair.
Fort Snelling	62.54	80.64	68.25		70.47	88	54	34	1	2	3	4	4	6	9	6	6	20	2	3	Fair.
Plattsburgh B'ks	65.22	81.12	70.00		72.11	100	61	39	-	6	-	1	4	9	1	8	5	20	4	7	Fair.
Fort Howard	58.61	82.25	65.87		68.91	96	42	54	13	4	1	2	1	2	2	2	1	19	2	10	Fair.
Fort Winnebago	58.09	77.96	63.51		66.52	92	46	46	11	4	5	3	1	2	4	1	1	22	2	9	Fair.
Fort Niagara	66.19	75.80	68.61		70.20	84	56	28	2	4	5	4	4	1	6	4	1	19	2	10	Fair.
Fort Crawford	65.61	84.22	70.12		73.31	89	61	28	2	3	1	1	1	7	3	7	1	24	6	1	Fair.
Fort Gratiot	59.39	81.58	63.48		68.15	91	50	41	16	3	1	1	1	7	3	8	1	23	7	3	Fair.
Watervliet Ar'nal	69.12	79.93	71.96		73.67	92	56	36	2	3	1	3	4	11	3	4	4	23	7	3	Fair.
Watertown "	61.93	83.58	72.19		72.56	97	51	46	8	3	3	2	2	13	2	2	2	27	2	2	Fair.
Detroit Barracks	59.06	80.48	64.06		67.86	92	42	32	8	2	3	1	1	12	2	2	2	27	2	2	Fair.
West Point	66.61	83.48	72.41		74.16	94	62	32	8	9	6	-	-	10	1	3	5	21	2	8	Fair.
Fort Columbus	68.96	78.03	69.93		72.30	88	61	27	1	5	6	2	2	1	3	5	8	18	5	8	Fair.
Alleghany Ar'nal	63.45	79.48	70.54		71.15	88	58	30	5	1	2	3	2	1	9	8	2	21	8	2	Fair.

JULY—CONTINUED.

No. VII.

PLACES OF OBSERVATION.	THERMOMETER.				Rain, Inches.	WINDS.								WEATHER.							
	Mean Temperature.		Aggregate Mean Temperature.	Highest degree.		Lowest degree.	Range.	N.	N.W.	N.E.	E.	S.E.	S.	S.W.	W.	Prevalings	Days	Days	Days	Days	Prevalings
	A. M.	P. M.																			
	VIII.	II.						Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days
Carlisle Barracks	65.16	84.38	69.12	72.88	94	48	46	1	5	3	3	4	8	W.	22	7	2	Fair.			
Fl. Leave worth	65.25	79.51	72.29	73.35	90	61	29	3	2	11	10	4	1	S.E.	16	7	8	Fair.			
Fort McHenry	67.32	80.16	73.83	73.77	91	59	32	1	-	6	6	6	5	S.	23	4	4	Fair.			
Fort Monroe	75.09	82.03	77.77	78.29	86	68	18	1	1	6	2	5	2	N.E.	17	1	7	Fair.			
Fort Wayne	72.45	85.29	74.37	77.37	90	60	30	-	2	4	15	2	8	S.E.	23	6	1	Fair.			
Fort Gibson	71.70	84.96	76.58	77.74	94	62	32	-	3	4	6	4	3	W.	20	5	6	Fair.			
Fort Smith	68.77	90.16	78.09	79.00	101	62	39	-	2	8	8	2	4	E.	17	8	6	Fair.			
Little Rock Arsenal	73.32	85.59	77.19	78.68	92	64	28	-	2	10	7	12	3	E.	22	4	5	Fair.			
Fort Towson	72.06	89.77	78.41	80.08	96	60	36	-	2	4	4	16	2	S.W.	24	4	3	Fair.			
Augusta Arsenal	71.45	82.35	74.19	75.99	88	61	27	-	1	2	4	4	5	S.W.	4	6	21	Cl'dy.			
Fort Moultrie	77.61	81.48	78.80	79.29	85	68	17	-	2	3	4	4	4	W.	17	12	2	Fair.			
Fort Jessup	74.51	90.29	81.38	82.06	94	70	24	-	2	3	1	11	13	W.	19	3	9	Fair.			
N. Orleans Bar ^{ks}	78.45	94.58	83.67	85.56	98	80	18	-	4	-	3	6	4	E.	19	6	6	Fair.			
Fort Brooke	73.29	83.22	76.64	77.71	88	72	16	-	1	8	3	8	2	S.E.	2	2	27	Cl'dy.			

AUGUST.

No. VIII.

PLACES OF OBSERVATION.	THERMOMETER.			Rain, Inches.	WINDS.							WEATHER.																			
	Mean Temperature.				Range.	N.	N.W.	N.E.	E.	S.E.	S.	S.W.	W.	Prevaling ^g	Fair.	Cl'dy.	Rain.	Snow.	Days.	Days.	Days.	Prevaling									
	A. M.	P. M.	P. M.																				Highest degree.	Lowest degree.	Aggregate	Mean Temperature.					
	VII.	II.	IX.																												
Fort Brady	56.00	68.06	56.03	47	37	60.03	84	47	37	2	12	3	1	8	1	3	1	3	1	3	1	1	1	11	10	10	10	10	10	10	Cl'dy.
Hancock Bar'ks	59.16	77.29	67.86	60	27	68.10	87	60	27	1	1	1	1	3	17	4	7	7	7	7	7	7	7	7	14	19	10	2	2	2	Fair.
Fort Snelling	58.67	74.83	64.29	52	33	65.93	85	52	33	1	2	2	2	6	6	6	6	6	6	6	6	6	6	6	14	9	8	8	8	8	Cl'dy.
Plattsburgh B'ks	62.09	78.93	67.16	58	36	69.39	94	58	36	2	6	1	2	5	10	1	9	9	9	9	9	9	9	9	13	7	11	13	11	11	Cl'dy.
Fort Howard	56.45	77.77	62.38	65	38	65.53	90	65	38	2	1	2	2	2	16	1	7	7	7	7	7	7	7	7	17	1	13	13	13	13	Fair.
Fort Winnebago	55.35	75.16	62.96	46	40	64.49	86	46	40	14	4	2	1	1	5	1	3	3	3	3	3	3	3	3	20	1	11	11	11	11	Fair.
Fort Niagara	68.41	75.09	68.66	60	28	70.72	88	60	28	1	9	4	2	1	2	2	5	5	5	5	5	5	5	5	16	4	3	3	3	3	Fair.
Fort Crawford	61.70	83.16	66.64	70	50	70.50	90	70	50	1	8	3	4	1	11	1	2	2	2	2	2	2	2	2	24	9	2	2	2	2	Fair.
Fort Gratiot	59.64	83.03	65.29	69	32	69.32	90	69	32	7	2	1	1	2	7	6	5	5	5	5	5	5	5	5	21	2	8	8	8	8	Fair.
Waterlovet Ar'nal	66.58	77.67	69.06	71	10	71.10	93	71	10	1	1	1	1	2	15	2	11	11	11	11	11	11	11	11	20	9	2	2	2	2	Fair.
Watertown "	61.32	81.25	70.90	71	15	71.15	90	71	15	1	1	1	1	3	6	11	6	6	6	6	6	6	6	6	24	2	4	4	4	4	Fair.
Detroit Barracks	59.19	77.70	62.83	66	34	66.57	86	66	34	2	1	2	1	1	13	5	5	5	5	5	5	5	5	5	23	7	1	1	1	1	Fair.
West Point	66.83	82.58	72.06	73	22	73.22	89	73	22	10	4	2	1	2	15	2	6	6	6	6	6	6	6	6	23	7	8	8	8	8	Fair.
Fort Columbus	70.03	77.87	72.06	63	22	73.22	85	63	22	4	4	2	2	9	2	6	6	6	6	6	6	6	6	6	16	4	11	11	11	11	Fair.
Allegheny Ar'nal	62.87	76.90	68.74	69	50	69.50	84	69	50	2	6	2	1	1	4	8	7	7	7	7	7	7	7	7	13	6	12	12	12	12	Cl'dy.

AUGUST—CONTINUED.

No. VIII.

PLACES or OBSERVATION.	THERMOMETER.				Rain, Inches.	WINDS.								WEATHER.								
	Mean Temperature.		Aggregate			Highest degree.	Lowest degree.	Range.	N.	N.W.	N.E.	E.	S.E.	S.	S.W.	W.	Prevaling.	Fair.	Cl'dy.	Rain.	Snow.	
	A. M.	P. M.	P. M.	P. M.																		
	VII.	II.	IX.																			
Carlisle Barracks	62.19	83.22	69.51	71.64	90	48	42	-	2	1	2	6	4	2	14	W.	8	2	21	Fair.		
Ft. Leavenworth	64.67	79.74	72.25	72.25	90	57	33	4.98	1	1	1	9	14	1	-	S.	-	19	19	Fair.		
Fort McHenry	67.54	80.93	74.96	74.47	90	64	26	2.35	1	2	4	4	7	3	10	W.	2	27	27	Fair.		
Fort Monroe	75.87	82.64	78.51	79.00	90	75	15	5.50	1	6	5	4	6	8	1	S.W.	5 $\frac{1}{2}$	24	24	3	Fair.	
Fort Wayne	70.19	84.09	76.48	76.92	92	54	38	-	5	4	4	6	5 $\frac{1}{2}$	2	2	S.W.	4	22	22	5	Fair.	
Fort Gibson	71.32	86.58	77.19	78.36	96	65	31	.84	1	3	4	3	5	8	6	S.W.	2	23	23	4	Fair.	
Fort Smith	67.90	90.67	79.48	79.35	102	56	46	.67	3	1	1	5	2	2	7	S.	5	25	25	5	Fair.	
Little Rock Arsenal	72.19	88.61	77.93	79.57	96	65	31	-	2	3 $\frac{1}{2}$	3	2 $\frac{1}{2}$	1	5	3	N.E.	4 $\frac{1}{2}$	24	24	4	Fair.	
Fort Towson	73.45	93.22	82.96	83.21	99	70	29	3.00	-	1	1	6	1	15	3	S.W.	3	28	28	-	Fair.	
Angusta Arsenal	71.41	81.32	73.03	75.25	88	69	19	-	1	8	3	7	3	5	3	N.E.	2	13	16	13	16	Cl'dy.
Fort Moultrie	78.32	81.93	79.16	79.80	85	74	11	-	1	5	4	6	1	6	6	S.W.	8	19	19	8	4	Fair.
Fort Jesup	73.45	93.29	83.16	83.30	100	71	29	.85	2	3	1	-	2	7	10	S.W.	1	26	26	1	4	Fair.
N. Orleans Barracks	78.83	95.12	80.93	84.96	100	74	26	3.10	2	7	1	4	11	2	6	S.	3	25	25	3	3	Fair.
Fort Brooke	73.74	83.93	78.03	78.56	88	72	16	23.40	1	2	4	6	3	7	5	S.W.	-	12	12	-	-	Cl'dy.

SEPTEMBER.

No. IX.

PLACES OF OBSERVATION.	THERMOMETER.						Rain, Inches.	WINDS.										WEATHER.									
	Mean Temperature.							Range.	Highest degree.	Lowest degree.	N.	N. W.	N. E.	E.	S. E.	S.	S. W.	W.	Prevaling.	Days	Days	Days	Days				
	A. M.		P. M.		P. M.																			IX.			
	VII.	II.	VII.	IX.	IX.																						
Fort Brady	47.66	61.00	48.70	52.45	78	36	42	36	42	2	12	1	9	1	3	1	3	1	1	17	17	8	5	8	5	Fair.	
Hancock Bar'ks	47.36	61.40	56.73	56.16	75	36	39	36	39	6	3	1	1	1	3	3	1	2	2	17	17	8	5	8	5	Fair.	
Fort Snelling	48.53	66.00	56.13	56.88	78	36	42	36	42	4	7	1	3	9	3	1	2	6	6	20	20	6	4	4	4	Fair.	
Plattsburgh B'ks	51.06	66.80	56.53	58.13	83	38	45	38	45	1	7	1	2	11	5	2	6	6	6	12	12	6	6	6	6	6	Cl'dy.
Fort Howard	46.33	69.83	54.76	56.97	82	44	38	44	38	7	1	1	1	1	1	1	1	1	1	21	21	3	2	2	2	2	Fair.
Fort Winnebago	43.97	64.90	54.50	54.45	73	28	45	28	45	11	2	10	8	4	1	5	6	6	6	22	22	4	10	10	10	10	Fair.
Fort Niagara	53.40	65.86	58.00	59.08	76	42	34	42	34	6	1	4	4	3	4	4	4	4	4	16	16	4	10	10	10	10	Fair.
Fort Crawford	49.86	72.70	55.80	59.45	78	39	39	39	39	8	1	4	2	3	4	4	4	4	4	18	18	2	10	10	10	10	Fair.
Fort Gratiot	52.30	77.60	61.96	63.95	87	38	49	38	49	8	4	2	2	9	1	8	8	8	8	20	20	9	1	1	1	1	Fair.
Watervliet Ar'nal	54.43	67.20	56.66	59.43	82	44	38	44	38	8	2	2	2	1	1	1	1	1	1	15	15	10	5	5	5	5	Fair.
Watertown "	49.76	71.20	61.50	60.82	80	36	44	36	44	2	6	2	1	1	5	5	5	5	5	20	20	7	3	3	3	3	Fair.
Detroit Barracks	46.76	70.33	53.60	56.89	76	44	32	44	32	1	4	2	2	1	2	2	2	2	2	22	22	5	5	5	5	5	Fair.
West Point	56.50	71.86	61.56	63.30	79	48	31	48	31	13	6	4	2	1	1	1	1	1	1	20	20	5	5	5	5	5	Fair.
Fort Columbus	60.23	68.06	63.60	63.96	80	51	29	51	29	1	6	3	1	1	5	6	6	6	6	14	14	11	7	7	7	7	Cl'dy.
Alleghany Ar'nal	52.13	68.56	58.23	59.64	72	42	30	42	30	6	3	4	1	1	6	7	7	7	7	16	16	7	7	7	7	7	Fair.

SEPTEMBER—CONTINUED.

No. IX.

PLACES OF OBSERVATION.	THERMOMETER.				Rain, Inches.	WINDS.								WEATHER.						
	Mean Temperature.		Aggregate Mean Temperature.	Highest degree.		Lowest degree.	Range.	N. N.W.		N. E.		S. S.W.		W.		Prevalling.	Days.	Days.	Days.	Days.
	A. M.	P. M.						P. M.	P. M.	Days	Days	Days	Days	Days	Days					
	VII.	II.	IX.																	
Carlisle Barracks	48.20	71.10	56.50	58.60	32	50	1	7	2	4	2	1	2	11	W.	22	6	2	Fair.	
Ft. Leavenworth	52.03	68.23	61.80	60.68	42	42	3	6	3	5	11	3	3	2	S.	20	4	2	Fair.	
Fort McHenry	53.76	70.10	66.63	63.49	44	41	4	6	4	3	4	3	3	5	N. W.	23	4	4	Fair.	
Fort Monroe	64.83	73.96	69.70	69.49	58	28	3	6	5	6	5	3	6	1	N. E.	25	4	4	Fair.	
Fort Wayne	59.80	76.36	69.60	68.58	50	34	1	2	9	7 $\frac{1}{2}$	4	4	4	8	E.	22	4	2	Fair.	
Fort Gibson	59.70	80.63	67.66	69.33	47	42	1	3	3	4	4	4	4	6	W.	24	4	2	Fair.	
Fort Smith	56.73	83.96	71.86	70.85	50	54	3	3	1	4	4	4	4	3	S.	26	2	5 $\frac{1}{2}$	Fair.	
Little Rock Ar ^l nal	62.20	80.26	69.26	70.57	51	37	2	2	6	4	5 $\frac{1}{2}$	2	4	1 $\frac{1}{2}$	N. E.	20	5	4 $\frac{1}{2}$	Fair.	
Fort Towson	59.96	84.93	70.43	71.77	50	44	9	4	9	11	9	2	4	4	E.	23	1	6	Fair.	
Augusta Arsenal	61.20	74.26	63.56	66.34	55	29	7	7	6	6	1	4	4	1	N. E.	14	9	7	Cl'dy	
Fort Moultrie	70.30	76.26	72.53	73.03	61	22	2	6	14	3	3	3	3	3	N. E.	21	8	1	Fair.	
Fort Jesup	66.43	85.36	77.40	76.39	66	28	4	11	3	3	3	3	3	3	N. W.	24	6	1	Fair.	
N. Orleans Bar ^l ks	73.70	86.20	76.83	78.91	64	29	6	9	9	2	5	6	7	2	N. E.	21	6	3	Fair.	
Fort Brooke	72.46	82.26	75.86	76.86	70	16	1	4	9	2	5	2	2	5	N. E.	13	7	10	Cl'dy.	

OCTOBER.

No. X.

PLACES or OBSERVATION.	THERMOMETER.				Rain, Inches.	WINDS.							WEATHER.								
	Mean Temperature.					Highest degree.	Lowest degree.	Range.	N.	N.W.	N.E.	E.	S.E.	S.	S.W.	W.	Prevaling.	Far. Cl'dy.	Rain.	Snow.	
	Aggregate Mean Temperature.																				Days
	A. M.	P. M.	P. M.	P. M.		VII.	II.	IX.													
Fort Brady	37.96	45.06	39.29	40.77	64	22	42	3.57	1	7	3	10	1	4	2	S.E.	9	10	8	4	Cl'dy.
Hancock Bar'ks	35.45	50.25	44.80	43.50	70	21	49	5.58	3	5	3	10	3	6	6	N.	18	9	3	1	Fair.
Fort Snelling	34.16	48.12	40.48	40.92	71	19	52	2.21	3	7	2	3	3	6	6	W.	17	10	3	1	Fair.
Plattsburgh B'ks	40.74	52.61	46.06	46.47	63	28	34	3.02	3	17	1	3	7	4	1	N.W.	18	9	3	1	Fair.
Fort Howard	39.67	53.45	44.70	45.94	74	20	54	3.02	2	5	3	4	6	4	5	S.	17	6	8	4	Fair.
Fort Winnebago	36.12	51.12	44.22	43.82	66	8	58	4.03	10	1	2	6	7	1	4	N.W.	9	9	9	4	Cl'dy.
Fort Niagara	46.06	54.16	49.61	49.94	68	36	32	-	3	9	2	1	5	4	4	N.W.	14	4	11	2	Cl'dy.
Fort Crawford	40.58	58.32	44.93	47.94	78	26	52	5.85	8	3	2	1	4	10	2	S.	16	11	3	1	Fair.
Fort Gratiot	35.09	47.70	39.83	40.87	60	27	33	4.33	6	3	2	1	2	3	8	S.W.	17	6	6	2	Fair.
Watervliet Ar'nal	45.70	56.09	49.12	50.30	74	32	42	-	3	2	1	1	14	8	8	S.	13	15	3	2	Cl'dy.
Watertown "	43.16	58.58	52.41	51.38	78	27	51	4.19	1 ¹ / ₂	1	1	2	4	5	10	W.	15	8	7	2	Fair.
Detroit Barracks	42.00	56.93	46.38	48.43	70	26	44	1.93	2	1	2	1	10	6	7	S.	16	13	7	2	Fair.
West Point	44.19	63.96	52.70	53.61	76	33	43	8.33	10	5	4	1	10	1	5	N.	16	7	8	1	Fair.
Fort Columbus	52.45	58.74	54.32	55.17	70	31	39	4.59	1	6	2	2	5	5	7	N.W.	12	7	7	12	Cl'dy.
Alleghany Ar'nal	44.54	60.12	51.51	52.05	75	25	50	2.68	1	9	2	3	6	1	1	N.W.	14	7	9	9	Cl'dy.

NOVEMBER.

No. XI.

PLACES or OBSERVATION.	THERMOMETER.				Rain, Inches.	WINDS.							WEATHER.								
	Mean Temperature.			IX.		Highest degree.	Lowest degree.	Range.	N.	N.W.	N.E.	E.	S.E.	S.	S.W.	W.	Prevaling.	Days.	Days.	Days.	Days.
	P. M.		A. M.																		
	VII.	II.		P. M.		P. M.	A. M.	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days
Fort Brady	28.90	35.53	29.90	31.44	50	6	44	3.67	2	7	3	5	7	2	1	3	3	11	6	10	Cl'dy
Hancock Bar'ks	26.60	36.60	32.70	31.96	53	16	37	4.11	7	9	2	3	3	4	-	2	19	6	2	3	Fair.
Fort Snelling	25.83	34.23	28.36	29.47	58	-	59	3.22	6	8	2	1	6	2	1	4	19	5	3	3	Fair.
Plattsburgh B'ks	29.66	34.16	33.53	32.45	48	21	27	2.05	9	12	-	-	1	5	-	3	6	21	3	-	Cl'dy.
Fort Howard	29.59	36.90	32.60	33.00	50	6	44	2.05	6	5	2	4	2	4	3	4	11	12	3	4	Cl'dy.
Fort Winnebago	26.26	35.36	28.40	30.00	61	-	66	2.68	12	3	4	6	1	1	1	2	15	10	6	9	Cl'dy.
Fort Niagara	37.23	42.60	40.13	39.98	58	25	33	1.96	1	8	1	-	1	1	7	7	15	5	6	4	Fair.
Fort Crawford	31.63	41.36	33.90	35.63	68	2	66	1.96	7	6	2	2	2	2	4	4	17	10	2	1	Fair.
Fort Gratiot	34.03	42.00	38.43	38.15	48	30	18	2.20	4	2	2	2	2	3	1	11	15	10	1	4	Fair.
Watervliet Ar'nal	33.46	43.16	39.73	38.78	57	19	38	8.96	7	4	4	2	-	-	7	5	8	15	12	3	Fair.
Watertown "	33.46	43.16	39.73	38.78	57	19	38	8.96	8	4	4	2	-	-	7	5	8	15	12	3	Fair.
Detroit Barracks	33.16	42.76	37.50	37.80	52	22	30	2.75	1	2	2	5	-	-	7	5	8	12	13	3	Cl'dy.
West Point	36.83	52.80	40.96	43.53	63	27	36	3.10	22	2	2	2	1	3	-	1	11	14	5	1	Cl'dy.
Fort Columbus	40.56	46.40	43.80	43.58	52	32	20	2.90	5	10	6	2	2	3	-	1	11	14	4	4	Cl'dy.
Alleghany Ar'nal	33.56	46.00	38.80	39.45	60	22	38	1.71	3	6	1	1	3	5	-	4	14	10	3	3	Cl'dy.

NOVEMBER—CONTINUED.

No. XI.

PLACES.	THERMOMETER.		Mean Temperature.	Highest degree.	Lowest degree.	Rain, Inches.	WINDS.		WEATHER.		Prevaling.			
	A.M.	P.M.					S. E.	S. W. W.	Days	Days		Days	Days	
Carlisle Barracks	33.76	46.40	36.83	50	29	31	4	2	6	1	15	1	1	Fair.
Ft. Leavenworth	32.83	44.33	39.63	66	2	64	1	6	3	3	1	2	3	Fair.
Fort McHenry	37.06	50.70	43.33	65	29	36	4	8	3	4	2	8	3	Fair.
Fort Monroe	46.76	55.16	50.13	64	33	31	3	6	1	3	3	2	3	Fair.
Fort Wayne	35.66	54.86	42.33	76	14	62	2	8	4	2	7	5	5	Fair.
Fort Gibson	38.16	56.00	43.60	71	20	51	3	6	2	2	5	3	3	Fair.
Fort Smith	34.86	50.63	46.33	70	22	48	4	8	3	7	5	5	3	Fair.
Little Rock Ar'nal	41.40	58.90	49.73	73	22	51	4	6	2	1	4	2	1	Fair.
Fort Towson	31.86	68.56	52.46	75	20	55	7	16	5	6	4	1	1	Fair.
Augusta Arsenal	42.50	59.66	49.26	70	30	40	1	6	2	4	6	1	6	Fair.
Fort Moultrie	51.63	64.03	56.93	75	43	32	9	8	2	1	1	2	5	Fair.
Fort Jesup	42.10	66.63	56.43	72	21	51	2	3	1	3	6	2	2	Fair.
N. Orleans Bar'ks	54.53	76.16	66.30	90	32	58	4	4	7	4	5	4	3	Fair.
Fort Brooke	56.50	71.00	63.43	80	40	40	4	2	13	3	3	5	5	Fair.

DECEMBER.

No. XII.

PLACES	THERMOMETER.				Rain, Inches.	WINDS.												WEATHER.											
	Mean Temperature.					Highest degree.	Lowest degree.	N. N.W.			N.E.			S.			S.W.			Fair, Cl'dy.	Rain.	Snow.	Days.	Days.	Days.	Days.	Days.	Days.	
	A. M.	P. M.	P. M.	P. M.				Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days										Days
Fort Brady	14.87	26.67	18.09	19.87	40	3	43	4	9	2	3	7	-	3	3	3	3	3	7	10	7	1	13	Cl'dy.	13	Cl'dy.	13	Cl'dy.	
Hancock Bar'ks	10.16	21.51	16.25	15.97	41	-	7	6	2	2	2	-	7	2	2	2	2	2	-	3	23	1	4	Fair.	4	Fair.	4	Fair.	
Fort Snelling	14.67	29.58	18.19	24.14	82	-	6	5	8	3	1	7	3	1	1	1	1	1	7	3	17	3	2	Fair.	2	Fair.	2	Fair.	
Plattsburgh B'ks	15.67	22.70	19.87	19.41	38	-	2	10	12	3	1	1	6	3	2	2	2	2	1	6	20	6	1	5	Fair.	5	Fair.	5	Fair.
Fort Howard	13.67	27.77	21.61	21.01	40	-	6	3	3	3	1	10	2	2	2	2	2	2	1	3	22	3	1	5	Fair.	5	Fair.	5	Fair.
Fort Winnebago	11.38	23.51	14.48	16.45	38	-	9	13	8	4	1	3	1	1	1	1	1	1	3	19	19	1	7	Cl'dy.	7	Cl'dy.	7	Cl'dy.	
Fort Niagara	27.00	29.87	27.93	28.26	40	18	58	2	8	4	1	1	4	4	2	2	2	2	1	1	19	11	-	1	Fair.	1	Fair.	1	Fair.
Fort Crawford	16.51	29.19	24.58	23.42	38	-	4	10	9	1	1	1	2	4	3	2	2	2	1	1	19	11	-	1	Fair.	1	Fair.	1	Fair.
Fort Gratiot	21.06	28.00	24.77	24.61	41	8	33	8	5	2	1	2	5	7	4	7	4	7	1	1	13	11	-	1	Cl'dy.	1	Cl'dy.	1	Cl'dy.
Watervliet Ar'nal	23.93	30.83	25.80	26.85	46	1	45	-	8	8	2	5	5	5	1	10	4	10	5	17	17	8	-	1	Fair.	1	Fair.	1	Fair.
Watertown "	20.25	32.93	28.98	27.18	48	-	3	3	5	1	2	1	2	2	4	11	4	11	1	9	17	9	1	4	Fair.	4	Fair.	4	Fair.
Detroit Barracks	25.03	31.48	28.67	28.39	44	12	32	5	17	2	1	1	8	4	4	9	4	9	1	9	9	18	-	1	Cl'dy.	1	Cl'dy.	1	Cl'dy.
West Point	24.03	35.03	28.35	29.13	54	9	45	13	5	1	2	1	8	4	4	4	4	4	1	24	24	-	2	5	Fair.	5	Fair.	5	Fair.
Fort Columbus	28.12	33.22	29.74	30.36	48	20	28	5	10	4	-	-	5	1	2	8	2	8	-	11	11	15	-	2	Cl'dy.	2	Cl'dy.	2	Cl'dy.
Alleghany Ar'nal	26.35	33.25	28.58	29.39	52	18	34	4	6	3	3	1	1	2	7	5	7	5	3	17	17	5	3	6	Cl'dy.	6	Cl'dy.	6	Cl'dy.

OBSERVATION.

DECEMBER—CONTINUED.

No. XII.

PLACES OF OBSERVATION.	THERMOMETER.				Rain, Inches.	WINDS.							WEATHER.							
	Mean Temperature.		Aggregate	Range.		Highest degree.	Lowest degree.	N. N.W.		E. S. E.		S. S.W.		W. W.		Fair.	C'dy.	Rain.	Snow.	Prevaling.
	A. M.	P. M.						Days	Days	Days	Days	Days	Days	Days	Days					
	VII.		II.			IX.		N.		E.		S.		W.						
Carlisle Barracks	22.19	32.83	25.45	26.82	44	14	30	2	4	5	3	1	1	15	20	8				Fair.
Ft. Leavenworth	26.77	38.64	34.06	33.15	48	5	43	9	4	1	3	3	1	3	16	11				Fair.
Fort McHenry	23.74	36.09	29.83	29.88	51	14	37	1	1	1	6	3	1	5	20	5				Fair.
Fort Monroe	37.16	45.12	42.16	41.48	58	19	39	6	6	10	2	3	3	5	25	2				Fair.
Fort Wayne	32.77	46.93	36.90	38.53	62	10	52	5	4	3 $\frac{1}{2}$	1 $\frac{1}{2}$	4 $\frac{1}{2}$	8	2 $\frac{1}{2}$	16	8				Fair.
Fort Gibson	36.12	49.80	40.74	42.22	66	25	41	2	4	4	4	4	4	4	20	5				Fair.
Fort Smith	34.74	46.88	43.25	41.60	62	21	45	8	4	2	4	4	4	3	21	5				Fair.
Little Rock Ar'nal	39.41	52.48	44.87	45.58	72	23	49	3	5	1 $\frac{1}{2}$	2	4	2	2	21	5				Fair.
Fort Towson	33.64	56.83	43.70	44.72	70	16	54	11	3	3	5	3	5	9	5 $\frac{1}{2}$	10				Fair.
Augusta Arsenal	37.83	51.41	42.29	43.84	65	24	41	1	3	2	4	2	2	2	20	2				Fair.
Fort Moultrie	44.96	55.35	49.09	49.80	65	31	34	7	9	6	5	2	2	3	17	10				Fair.
Fort Jesup	42.38	58.70	50.70	50.59	71	32	39	7	1	1	2	2	2	4	18	11				Fair.
N. Orleans Bar'ks	48.83	68.77	50.80	56.13	86	32	54	8	1	1	4	8	3	4	20	2				Fair.
Fort Brooke	54.48	64.64	58.35	59.15	69	38	31	7	4	12	1	1	3	-	13	15				C'dy.

MEAN OF OBSER

PLACES OF OBSERVATION.	THERMOMETER.								Highest de- gree.
	Mean Temperature.								
	Year.	Winter.	Spring.	Summer.	Autumn.	A. M. VII.	P. M. II.	P. M. IX.	
Fort Brady	41.14	18.84	42.04	62.15	41.55	34.70	50.99	37.53	90
Hancock Barracks	41.58	16.48	40.87	65.13	43.87	33.70	49.13	42.49	92
Fort Snelling	44.86	19.47	48.69	68.89	42.42	36.90	54.71	42.84	90
Plattsburgh Barracks	44.85	19.46	44.73	69.56	45.08	39.18	50.83	44.56	100
Fort Howard	44.85	19.92	45.40	67.61	46.49	36.78	54.92	42.89	96
Fort Winnebago	42.71	17.40	45.07	65.64	42.75	35.25	52.27	40.49	98
Fort Niagara	48.11	27.37	48.27	67.14	49.66	43.99	53.04	47.28	88
Fort Crawford	47.83	22.03	49.06	72.56	47.67	41.10	56.65	45.75	95
Fort Gratiot	44.67	24.24	46.56	67.78	40.13	40.23	54.41	44.41	94
Watervliet Arsenal	48.23	24.35	48.88	70.41	49.29	43.80	54.25	46.65	93
Watertown Arsenal	48.67	26.60	47.83	69.95	50.32	40.16	56.78	48.94	97
Detroit Barracks	47.18	27.19	47.79	66.93	46.83	41.51	55.23	45.88	92
West Point	51.41	29.65	50.77	71.76	53.48	44.08	60.04	50.16	94
Fort Columbus	51.23	29.67	49.91	70.77	54.57	47.39	56.08	50.06	90
Alleghany Arsenal	49.99	30.66	49.26	69.82	50.22	44.07	58.17	49.39	88
Carlisle Barracks	49.60	27.62	50.55	71.20	49.43	42.27	59.24	48.17	94
Fort Leavenworth	51.23	28.07	53.94	71.82	51.11	43.64	58.38	51.70	94
Fort McHenry	52.98	30.92	53.67	73.13	54.22	45.67	60.10	53.25	91
Fort Monroe	60.12	41.15	60.78	77.37	61.18	56.60	63.66	60.10	90
Fort Wayne	60.08	53.73	62.18	76.72	57.68	51.94	68.44	59.87	92
Fort Gibson	60.05	41.81	62.33	77.75	58.34	52.55	69.20	58.45	96
Fort Smith	60.43	41.48	63.14	79.07	58.03	50.50	69.60	61.20	102
Little Rock Arsenal	62.52	45.34	64.42	78.64	61.68	55.38	70.04	62.16	96
Fort Towson	62.43	45.61	64.93	80.01	59.20	52.83	73.60	62.44	99
Augusta Arsenal	62.10	47.14	63.67	75.55	62.06	55.51	69.41	59.97	92
Fort Moultrie	65.99	51.86	67.31	78.84	65.97	62.75	69.40	65.84	88
Fort Jesup	67.92	52.82	69.89	81.81	67.16	58.91	76.67	68.19	100
N. Orleans Barracks	71.93	57.66	72.96	83.49	73.61	64.59	80.14	71.07	100
Fort Brooke	70.86	60.85	71.07	78.12	73.41	65.21	77.37	70.02	90

VARIATIONS FOR 1840.

Lowest de- grec.	Range for the year.	Mean monthly range.	Rain, Inches.	WINDS.										WEATHER.					
				Days.	N.	N.W.	N.E.	E.	S.E.	S.	S.W.	W.	Prevailing.	Days.	Fair.	Cloudy.	Rain.	Snow.	Prevailing.
				Days.	N.	N.W.	N.E.	E.	S.E.	S.	S.W.	W.	Prevailing.	Days.	Fair.	Cloudy.	Rain.	Snow.	Prevailing.
-21	111	46.4	33.09	20	110	29	40	83	21	32	31	N.W.	158	124	50	34	Cl'dy.		
-19	111	47.6	41.91	72	47	12	15	24	135	26	35	S.	242	74	33	17	Fair.		
-37	127	55.	23.00	43	67	23	13	51	70	41	58	S.	199	101	49	17	Fair.		
-24	124	45.7	-	43	103	12	8	37	103	18	42	S	177	122	54	13	Cl'dy.		
-30	126	50.1	33.57	86	23	14	21	29	132	25	36	S.	208	55	71	32	Fair.		
-23	121	54.4	28.12	122	27	58	46	18	32	23	40	N.	194	62	70	40	Fair.		
4	84	39.3	-	31	77	32	32	37	34	65	58	N.W.	189	77	81	19	Fair.		
-22	117	48.4	31.25	95	54	15	24	20	75	46	37	N.	267	61	31	7	Fair.		
0	94	42.	42.98	97	37	32	11	15	50	82	42	N.	219	52	70	25	Fair.		
-26	119	45.7	-	47	38	17	14	18	116	9	107	S.	207	112	35	12	Fair.		
-12	109	51.2	48.08	24	57½	15	37½	20	41	90	81	S.W.	230	80	41	15	Fair.		
-5	97	42.8	29.92	45	17	22	32	19	115	61	55	S.	219	97	32	18	Fair.		
2	96	41.2	47.62	137	46	18	1	10	135	11	8	N.	225	57	68	16	Fair.		
2	88	34.8	30.76	20	75	56	19	57	20	68	51	N.W.	184	97	75	10	Fair.		
-12	100	43.8	29.64	36	60	28	28	25	47	61	81	W.	178	85	85	18	Cl'dy.		
-15	109	48.4	-	13	50	27	63	33	25	24	131	W.	233	93	31	9	Fair.		
-8	102	46.	33.05	49	46	19	10	50	128	32	32	S.E.	218	75	63	10	Fair.		
0	91	39.7	37.90	33	49	55	13	47	43	56	70	W.	277	44	36	9	Fair.		
19	71	31.7	74.10	18	42	81	38	43	50	73	21	N.E.	264	57	40	5	Fair.		
10	82	47.3	-	21½	52½	45½	42½	105½	26	59	13½	S.E.	218	51½	87½	9	Fair.		
2	94	46.7	55.82	33	25	31	35	56	75	48	63	S.	246	75	43	2	Fair.		
4	106	50.2	46.23	40	29	11	63	57	70	38	58	S.	266	61	36	3	Fair.		
20	76	40.1	-	31	42	54½	46	31	53	54	54½	W.	235½	71	55½	4	Fair.		
16	83	45.2	55.70	44	29	51	27	33	61	82	39	S.W.	264	33	62	7	Fair.		
22	70	38.	-	14	32	36	35	35	58	88	68	S.W.	172	135	59	-	Cl'dy.		
24	64	27.4	-	57	61	67	21	38	28	50	44	N.E.	223	97	46	-	Fair.		
24	76	41.2	37.12	36	44	18	17	30	62	75	84	W.	247	38	80	1	Fair.		
28	72	43.	44.28	60	24	95	42	15	78	47	15	N.E.	266	48	52	-	Fair.		
34	56	28.	89.86	15	29	90	64	63	24	57	24	N.E.	192	68	106	-	Fair.		

JANUARY.

No. 1.

PLACES OF OBSERVATION.	THERMOMETER.					Rain, Inches.	WINDS.								WEATHER.															
	Mean Temperature.						Range.	Highest degree.	Lowest degree.	N.	N.W.	N.E.	E.	S.E.	S.	S.W.	W.	Prevaling.	Fair.	Cl'dy.	Rain.	Snow.	Days	Days	Days	Days	Prevaling.			
	A. M.		P. M.		P. M.																							IX.	Sunrise.	II.
	Aggregate																													
Fort Brady	10.11	23.16	18.24	16.83	36	62	1.60	1	6	9	3	-	2	7	3	N.W.	3	17	3	-	11	Cl'dy.								
Hancock Barrks	16.22	26.41	21.93	21.52	48	60	5.99	4	4	4	5	4	5	2	2	W.	20	5	20	2	4	Fair.								
Fort Sullivan	25.83	35.54	29.03	30.13	48	42	5.15	4	7	1	3	4	3	4	7	W.	15	10	15	3	3	Cl'dy.								
Fort Snelling	7.14		20.50	13.82	46	78	0.24	3	3	2	6	4	5	5	3	E.	10	16	10	5	-	5	Cl'dy.							
Fort Winnebago	6.03	19.13	10.93	12.03	40	29	0.18	9	5	7	3	1	2	4	8	N.	11	10	10	4	5	5	Fair.							
Fort Preble	24.13	30.28	27.00	27.13	47	48	4.28	4	5	5	1	5	9	5	6	S.	14	11	10	3	-	6	Cl'dy.							
Fort Crawford	11.87	21.96	16.54	16.79	46	28	4.74	2	3	-	2	2	3	3	13	S.W.	3	13	3	4	11	4	Cl'dy.							
Buffalo Barracks	21.93	30.00	23.80	25.24	46	44	2.86	2	4	2	2	2	3	10	8	S.W.	9	17	9	3	2	2	Cl'dy.							
Fort Gratiot	20.48	29.22	21.41	23.70	48	63	2.86	6	1	2	1	1	2	10	10	W.	12	13	12	3	3	3	Cl'dy.							
Waterviet Ar'nal	24.20	32.24	28.23	28.22	52	18	-	1	1	1	5	1	10	5	2	S.	9	11	9	11	3	8	3	Fair.						
Detroit Barracks	23.50	30.14	24.24	25.96	44	48	2.59	2	-	-	-	-	14	1	1	S.	2	5	19	5	4	4	3	Cl'dy.						
West Point	26.64	31.41	31.03	29.69	50	53	9.35	13	1	1	2	2	2	2	2	N.W.	12	10	12	10	3	6	6	Cl'dy.						
Fort Columbus	29.12	32.41	31.00	30.84	52	43	5.30	1	10	8	-	-	2	1	1	W.	5	8	19	5	4	3	3	Fair.						
Alleghany Ar'nal	27.13	33.12	29.60	29.95	48	51	2.74	3	4	6	4	2	2	3	3	W.	8	14	8	14	7	2	7	Cl'dy.						

JANUARY—CONTINUED.

No. I.

PLACES OF OBSERVATION.	THERMOMETER.				Rain, inches.	WINDS.							WEATHER.										
	Mean Temperature.		Sunrise.	IX.		Highest degree.	Lowest degree.	Range.	N.	N.W.	N.E.	S.	S.W.	W.	Prevaling.	Fair.	Cl'dy.	Rain.	Snow.	Days.	Days.	Days.	Prevaling.
	A. M.	P. M.																					
	Aggregate.		Days							Days													
Carlisle Barracks	25.10	37.20	25.17	29.15	54	-10	64	5	3	8	1	1	7	E.	12	9	6	4	4	Cl'dy.			
Pt. Leavenworth	17.70	30.67	24.83	27.73	54	-20	74	4	7	2	10	3	1	S.	17	12	-	2	4	Fair.			
Fort McHenry	28.10	35.16	28.10	30.45	50	0	50	7	8	-	7	3	3	N.E.	11	11	5	4	4	Cl'dy.			
Jefferson Bar'ks	21.61	33.16	27.83	27.53	62	-14	76	6	6	-	13	1	1	S.E.	27	-	1	3	3	Fair.			
Fort Monroe	39.32	43.90	41.29	41.50	59	16	43	5	5	3	9	2	5	S.E.	15	6	9	1	1	Cl'dy.			
Fort Gibson	27.22	42.64	35.96	35.27	64	-12	76	8	2	6	3	6	5	N.	16	10	3	2	2	Fair.			
Fort Towson	31.51	53.00	42.03	42.14	70	0	70	2	4	3	2	4	11	W.	24	-	5	2	2	Fair.			
Augusta Arsenal	39.83	54.16	46.90	46.96	70	26	44	2	4	2	3	10	9	S.W.	8	7	16	8	-	Cl'dy.			
Fort Moultrie	50.35	55.77	52.38	52.80	67	26	41	1	7	2	2	3	4	N.W.	7	16	8	-	-	Cl'dy.			
Fort Jessup	39.64	51.80	43.83	45.09	71	16	55	3	3	1	1	2	9	N.	8	9	12	1	1	Cl'dy.			
N. Orleans Bar'ks	47.96	66.64	51.80	55.46	76	29	47	7	1	1	4	5	4	N.	6	10	15	-	-	Fair.			
Fort Marion	52.51	63.90	54.19	56.86	84	24	60	4	2	2	8	1	2	S.	18	2	10	10	-	Fair.			
Fort King	53.80	70.00	56.77	60.14	84	24	60	5	4	2	5	4	7	S.W.	18	18	6	6	-	Fair.			
Fort Brooke	59.16	72.67	63.48	65.10	78	30	48	1	1	2	1	3	1	N.E.	14	14	8	8	-	Cl'dy.			

No. II.

FEBRUARY.

PLACES OF OBSERVATION.	THERMOMETER.			Rain, Inches.	WINDS.						WEATHER.								
	Mean Temperature.				Highest degree.	Lowest degree.	Range.	N. W.		E. S. E.		S. W. W.		Fair.	Cl'dy.	Snow.			
	A. M.	P. M.	P. M.					Days	Days	Days	Days	Days	Days				Days		
Fort Brady	4.10	25.17	17.13	15.46	59	-18	77	1	7	4	3	2	8	2	16	3	1	8	Fair.
Hancock Bar'ks	5.46	24.28	17.50	15.83	46	-19	65	6	6	2	1	2	3	2	22	3	-	3	Fair.
Fort Sullivan	16.46	32.64	22.82	23.97	48	-5	53	1	5	2	2	2	8	7	16	8	-	4	Fair.
Fort Spelling	10.30	26.15	25.00	20.48	60	-12	72	3	7	-	2	2	7	7	18	7	-	3	Fair.
Fort Winnebago	7.35	22.14	15.75	15.08	49	-18	67	9	12	-	1	1	2	3	18	4	-	6	Fair.
Fort Preble	16.18	29.30	20.20	21.89	44	-1	45	2	4	6	-	5	2	6	16	6	-	6	Fair.
Fort Crawford	14.03	30.46	20.85	21.78	58	-13	71	10	5	-	-	4	13	5	22	3	-	3	Fair.
Buffalo Barracks	17.25	26.50	20.00	21.26	36	-2	38	1	2	2	1	3	5	5	7	15	-	6	Cl'dy.
Fort Gratiot	14.92	24.96	21.07	20.31	43	-5	48	6	4	2	1	7	3	9	7	15	-	2	Cl'dy.
Watervliet Ar'nal	16.13	29.24	22.22	22.53	46	9	55	2	5	1	1	10	6	5	18	8	-	5	Fair.
Detroit Barracks	20.50	32.60	24.20	25.76	48	4	52	2	2	1	-	7	-	1	22	11	-	2	Cl'dy.
West Point	20.39	29.92	27.74	26.01	47	4	43	8	13	5	2	-	-	1	19	3	1	5	Fair.
Fort Columbus	25.85	29.71	28.82	28.12	42	10	32	2	12	2	2	-	1	6	15	8	-	8	Fair.
Alleghany Ar'nal	26.30	34.14	28.25	29.56	50	8	42	3	7	-	2	-	6	8	12	12	-	3	Cl'dy.

MARCH.

No. III.

PLACES OF OBSERVATION.	THERMOMETER.				Rain, Inches.	WINDS.												WEATHER.			
	Mean Temperature.		Sunrise.	IX.		Range.	Highest degree.	Lowest degree.	N. N.W. N. E.			S. E. S. S.W. W.			Prevalling.	Days	Days	Days	Days	Prevalling.	
	A. M.	P. M.							E. S. E. S. S.W. W.			S. E. S. S.W. W.									Fair.
	Aggregate		Prevalling.			Fair.	Cl'dy.	Rain.	Snow.												
Fort Brady	14.14	33.18	19.70	22.34	14 74					60	-	1	4	5	4	10	1	2	2	2	20
Hancock Bar'ks	15.87	36.51	28.25	26.87	6 64	56	2.13	6	4	4	-	2	7	5	2	2	25	3	1	Fair.	
Fort Sullivan	24.62	38.22	31.19	31.34	3 53	58	2.55	2	-	-	-	2	5	3	3	3	14	9	3	Cl'dy.	
Fort Snelling	25.20	41.19	33.19	33.19	9 53	62	1.43	5	7	5	1	2	3	3	3	3	18	7	3	Fair.	
Fort Winnebago	21.19	37.19	28.58	28.98	2 59	57	1.54	14	5	3	4	1	3	3	-	4	11	13	4	Cl'dy.	
Fort Preble	26.24	36.10	29.25	30.19	9 43	52	1.89	4	5	8	7	2	1	2	4	2	13	10	5	Cl'dy.	
Fort Crawford	28.25	47.29	35.22	36.92	12 58	70	5.76	4	5	3	6	3	3	4	2	4	14	9	6	Cl'dy.	
Buffalo Barracks	21.06	34.64	25.22	26.97	2 52	50	-	3	2	3	6	1	2	2	8	6	6	13	6	Cl'dy.	
Fort Gratiot	25.92	36.29	31.12	30.87	7 61	54	2.87	8	2	2	1	2	4	4	9	5	10	11	3	Fair.	
Waterwhet Ar'nal	27.40	38.60	31.17	32.39	7 44	51	-	8	7	1	2	-	5	5	3	4	15	7	3	Cl'dy.	
Detroit Barracks	25.90	39.29	29.23	31.47	6 52	70	2.69	8	2	7	-	-	6	1	1	1	13	11	4	Cl'dy.	
West Point	28.38	41.61	38.51	36.16	12 58	70	5.25	19	4	4	-	-	6	1	1	1	13	11	4	Fair.	
Fort Columbus	34.00	40.77	37.45	37.40	21 41	62	2.35	3	7	9	1	2	2	2	3	2	18	10	3	Cl'dy.	
Alleghany Ar'nal	31.28	46.22	37.23	38.24	8 67	75	4.77	2	2	2	4	4	2	3	3	3	9	10	6	Cl'dy.	

MARCH—CONTINUED.

No. III.

PLACES OF OBSERVATION.	THERMOMETER.			WINDS.			WEATHER.									
	Mean Temperature.			Rain, Inches.			Prevaling.									
	A. M.	P. M.	P. M.	Days	Days	Days	Days	Days	Days							
	Sunrise.	II.	IX.	N.	N.W.	E.	S.E.	S.	S.W.	W.						
Carlisle Barracks	29.10	46.69	35.16	1	5	4	-	1	1	14	W.	6	19	19	4	Fair.
Ft. Leavenworth	34.93	49.00	42.09	1	1	1	7	6	3	3	S.E.	10	16	10	2	Fair.
Fort McHenry	34.60	46.23	40.27	1	10	1	5	2	2	5	N.E.	5	18	3	4	Fair.
Jefferson Bar'ks	37.64	51.76	44.32	2	14	14	10	10	-	1	N.E.	3	23	3	5	Fair.
Fort Monroe	44.41	50.41	47.70	3	7	1	6	6	5	1	N.E.	6	19	6	2	Fair.
Fort Gibson	42.19	64.41	49.83	4	2	4	2	9	3	10	W.	9	18	9	3	Fair.
Fort Towson	47.25	61.80	49.87	3	2	6	2	1	3	4	E.	3	24	3	4	Fair.
Augusta Arsenal	46.77	61.12	52.22	1	5	5	3	1	4	9	W.	4	19	3	9	Fair.
Fort Moultrie	53.51	59.19	56.29	6	7	1	2	4	2	2	N.E.	13	15	13	-	Fair.
Fort Jesup	40.09	69.93	55.38	-	4	1	1	2	14	4	S.W.	2	20	2	8	Fair.
N. Orleans Bar'ks	62.32	68.51	63.61	-	5	6	1	2	9	2	S.W.	7	16	7	4	Fair.
Fort Marion	54.00	71.71	51.61	1	4	15	1	4	1	5	N.E.	1	19	2	3	Fair.
Fort King	53.22	74.93	59.42	2	4	1	2	1	14	5	S.W.	2	26	2	4	Fair.
Fort Brooke	60.48	73.51	66.19	10	4	1	2	5	2	5	N.	4	23	4	4	Fair.

JULY.

No. VII.

PLACES or OBSERVATION.	THERMOMETER.				Rain, Inches.	WINDS.							WEATHER.								
	Mean Temperature.					Range.	Highest degree.	Lowest degree.	N.	N.W.	N.E.	E.	S.E.	S.	S.W.	W.	Prevaling.	Days	Days	Days	
	M. A.		P. M.																		IX.
	Sunrise.		Sunset.																		
Fort Brady	52.54	75.35	56.35	61.41	94	37	57	1	13	1	2	8	1	-	-	5	15	8	8	Cl'dy.	
Hancock Bar'ks	55.06	76.32	63.22	64.86	89	45	44	4	3	-	1	4	15	1	3	3	24	3	4	Fair.	
Fort Sullivan	55.09	69.77	57.61	60.82	90	49	41	1	3	-	5	7	7	10	5	5	17	11	3	Fair.	
Fort Snelling	64.80	80.16	72.00	72.32	93	53	40	2	2	3	2	4	7	6	2	2	19	9	3	Fair.	
Fort Winnebago	58.03	79.90	65.00	67.97	90	49	41	8	4	2	7	1	3	2	4	6	14	6	11	Cl'dy.	
Fort Preble	58.22	72.96	62.00	64.39	86	45	41	3	10	2	-	1	3	6	6	6	19	4	8	Fair.	
Fort Crawford	67.41	83.00	72.35	74.25	93	56	37	4	3	1	1	2	1	1	4	6	17	8	6	Fair.	
Buffalo Barracks	54.90	74.70	60.09	63.23	86	44	42	3	3	1	1	2	1	3	13	6	18	7	6	Fair.	
Fort Gratiot	69.00	78.06	67.74	71.60	91	54	37	3	2	13	1	-	1	9	2	2	18	5	8	Fair.	
Watervliet Ar'nal	68.00	79.27	70.28	72.51	94	62	32	4	7	-	4	1	7	3	9	2	25	3	4	Fair.	
Detroit Barracks	59.70	80.20	64.30	68.06	94	50	44	2	3	5	-	2	10	3	2	4	24	3	6	Fair.	
West Point	65.51	83.25	72.96	73.90	96	63	33	9	3	3	3	3	12	4	-	-	26	-	5	Fair.	
Fort Columbus	71.25	81.54	69.06	73.95	88	60	28	-	7	1	1	1	3	5	13	7	18	7	6	Fair.	
Alleghany Ar'nal	60.61	80.54	63.64	63.26	92	50	42	4	10	2	1	1	1	5	7	7	20	3	8	Fair.	

JULY—CONTINUED.

No. VII.

PLACES	THERMOMETER.				Rain, inches.	WINDS.						WEATHER.					
	Mean Temperature.		Aggregate Mean Temperature.	Highest degree.		Lowest degree.	Range.	N.	N.W.	E.	S.E.	S.	S.W.	W.	Fair.	Rain.	Snow.
	A. M.	P. M.															
	Sunrise.		IX.			N.		IX.		N.		IX.		N.		IX.	
Carlisle Barracks	60.14	83.50	68.28	70.64	96	50	46	1 1/2	4	1 1/2	3 1/2	4	15 1/2	2 1/2	5	1 1/2	Fair.
Ft. Leavenworth	69.29	86.58	76.93	77.60	99	60	39	4 1/2	4	4	21 1/2	4	7 1/2	23 1/2	4 1/2	3	Fair.
Fort McHenry	72.38	80.96	75.93	76.42	95	62	33	6	2	3 1/2	2 1/2	4	3	21 1/2	3 1/2	1 1/2	Fair.
Jefferson Bar'ks	75.12	87.48	77.00	79.86	97	60	37	1 1/2	5	5	4	2 1/2	3	21 1/2	3 1/2	6	Fair.
Fort Monroe	75.80	82.93	76.90	78.54	93	69	24	3 1/2	3 1/2	6	7	6 1/2	3 1/2	23 1/2	1	3	Fair.
Fort Gibson	74.33	91.87	79.45	81.95	99	64	35	3	1 1/2	1	8 1/2	7 1/2	3 1/2	23 1/2	1	1 1/2	Fair.
Fort Towson	78.29	87.80	79.19	81.76	100	64	36	2	3	3	2	11	3 1/2	30 1/2	1 1/2	8	Fair.
Augusta Arsenal	71.41	89.53	78.41	79.78	100	67	33	4 1/2	3	3	6	12	2	18 1/2	5	5	Fair.
Fort Moultrie	80.93	85.25	82.19	82.79	91	75	16	2	4 1/2	5 1/2	4 1/2	6 1/2	2	14 1/2	5	11 1/2	Cl'dy.
Fort Jesup	74.32	94.41	83.90	84.21	100	70	30	1	2	4	8 1/2	4 1/2	1	27 1/2	9	4	Fair.
N. Orleans Bar'ks	82.54	91.93	86.61	87.02	100	80	20	9 1/2	1 1/2	2	4 1/2	10	7 1/2	11	15	7	Cl'dy.
Fort Marion	76.77	85.70	78.64	80.37	96	72	24	2	5 1/2	1 1/2	4 1/2	8 1/2	1	11	11	10	Cl'dy.
Fort King	74.18	93.29	75.35	80.94	103	68	35	3	1	11 1/2	4 1/2	8 1/2	1	16	5	10	Fair.
Fort Brooke	76.38	85.96	79.58	80.64	91	74	17	12 1/2	3 1/2	2 1/2	1	6	2 1/2	16	16	15	Fair.

OBSERVATION.

No. VIII.

AUGUST—CONTINUED.

OBSERVATION.	THERMOMETER.				Rain, Inches.		WINDS.						WEATHER.								
	Mean Temperature.				Aggregate Mean Temperature.	Highest degree.	Lowest degree.	Range.	N. N.W. N.E. E. S.E. S. S.W. W.		Days		Days		Prevaling.						
	A. M.	P. M.	P. M.	P. M.					N.	N.W.	N.E.	E.	S.	S.W.		W.	Fair.	Cl'dy.	Rain.	Snow.	
Carlisle Barracks	60.18	83.40	68.70	68.70	70.76	94	50	44	-	2 1/2	4	8	4	1	9	20 1/2	9 1/2	1	1	Fair.	
Ft. Leavenworth	61.58	79.51	70.45	70.45	70.51	95	50	45	2.33	2	1 1/2	1 1/2	19	1	1	17 1/2	11	2 1/2	2 1/2	Fair.	
Fort McHenry	70.87	77.12	74.23	74.23	74.07	84	65	19	4.00	3 1/2	6 1/2	5	5	7	2	24	4	3	3	Fair.	
Jefferson Bar'ks	69.12	83.45	72.58	72.58	75.05	94	58	36	2.51	1 1/2	10 1/2	3	2	2	5	20 1/2	7	5	5	Fair.	
Fort Monroe	74.09	80.58	76.16	76.16	76.94	88	67	21	8.90	1 1/2	1 1/2	5	3 1/2	9	8 1/2	19	6	2 1/2	2 1/2	Fair.	
Fort Gibson	71.41	90.32	78.41	78.41	80.04	97	63	34	2.56	2 1/2	2 1/2	2	4	3 1/2	14	27	1 1/2	3 1/2	1 1/2	Fair.	
Fort Towson	76.06	85.45	76.67	76.67	76.06	98	70	28	3.50	3	4	4	5	7	14	9	8	14	14	Cl'dy.	
Augusta Arsenal	71.64	81.09	73.31	73.31	75.34	90	64	26	-	1	10	4	4	6	1 1/2	11	4	4	16	16	Cl'dy.
Fort Moultrie	79.67	82.67	80.67	80.67	81.00	88	72	16	-	2	13	4	4	1	6	11	4	4	9	9	Cl'dy.
Fort Jesup	75.25	88.80	79.54	79.54	80.19	98	62	36	5.60	3 1/2	11	4 1/2	5	2 1/2	6	22	1	19	11	11	Cl'dy.
N. Orleans Bar'ks	80.32	87.03	84.25	84.25	83.86	90	76	14	3.41	4	4	2	2	10	3 1/2	15	1	16	16	16	Cl'dy.
Fort Marion	75.42	83.58	78.48	78.48	79.16	87	73	14	-	3 1/2	8 1/2	14	1	4	12	8	1	8	11	11	Fair.
Fort King	72.87	89.19	74.16	74.16	78.74	96	68	28	-	2	5 1/2	1	1	1	1	12	1	1	1	1	Fair.
Fort Brooke	75.41	83.49	78.25	78.25	79.05	88	72	16	8.10	1 1/2	5	1 1/2	6	6 1/2	5	18 1/2	1 1/2	1 1/2	1 1/2	1 1/2	Fair.

SEPTEMBER—CONTINUED.

No. IX.

PLACES OF OBSERVATION.	THERMOMETER.				Rain, Inches.	WINDS.										WEATHER.									
	Mean Temperature.					Aggregate Mean Temperature.	Highest degree.	Lowest degree.	Range.	N.	N.W.	N.E.	S.	S.W.	W.	Prevalling.	Fair.	Cl'dy.	Rain.	Snow.	Days	Days	Days	Days	Prevalling.
	A. M.	P. M.	P. M.	P. M.																					
	Sunrise.	II.	IX.			Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days
Carlisle Barracks	56.22	75.21	63.16	64.86	64.86	94	50	44	-	1½	4	8	4	1	9	W.	18	10	2	-	-	-	-	Fair.	
Ft. Leavenworth	52.16	67.06	58.23	59.15	59.15	89	39	51	5.52	10	4	2	12	1	1	S.	17½	9	2	-	-	-	-	Fair.	
Fort McHenry	67.06	74.13	70.74	70.64	88	55	33	2.30	4½	2	3	5½	3	2	1	W.	25½	2	2	-	-	-	-	Fair.	
Jefferson Bar'ks	61.36	75.10	66.80	67.75	87	48	39	1.99	2½	5	3	5	1	2½	5½	N.W.	16½	10	3½	-	-	-	-	Fair.	
Fort Monroe	72.40	78.30	73.10	74.60	92	62	30	6.40	4	1	4½	6½	3½	1½	3	N.E.	26	1½	2	-	-	-	-	Fair.	
Fort Gibson	61.46	78.86	68.86	69.72	93	44	49	2.43	7½	1	3	1	1	2	3	S.	23	6	1	-	-	-	-	Fair.	
Fort Towson	61.83	76.73	62.53	66.69	90	41	49	6.50	7	2	1	2	1	2	10	W.	25	1	4	-	-	-	-	Fair.	
Augusta Arsenal	74.10	79.66	76.30	76.68	88	64	24	-	3	7	4	6	2	2	5	N.W.	18	4	4	-	-	-	-	Fair.	
Fort Moultrie	66.30	82.30	71.90	73.50	94	48	46	2.54	2	2	3	3	2	3	4	N.E.	16	4	10	-	-	-	-	Fair.	
Fort Jesup	73.80	82.26	79.53	79.48	90	62	23	2.87	3	5	3½	5	3½	2	4½	N.E.	19½	2½	8	-	-	-	-	Cl'dy.	
N. Orleans Bar'ks	69.53	88.33	74.13	77.33	96	54	42	-	1	1	2	1	3	2	1	N.E.	16½	2	18	-	-	-	-	Fair.	
Fort Marion	73.86	84.70	78.30	52.85	90	66	24	-	1	1	6	1	3	18½	1	S.W.	13½	12½	4	-	-	-	-	Cl'dy.	
Fort King	73.86	84.70	78.30	52.85	96	66	24	-	1	13	1½	3	-	7½	3	N.E.	18½	1	11	-	-	-	-	Fair.	
Fort Brooke	73.86	84.70	78.30	52.85	96	66	24	-	1	13	1½	3	-	7½	3	N.E.	18½	1	11	-	-	-	-	Fair.	

No. X.

OCTOBER.

OBSERVATION.	Sunrise.		Sunset.		THERMOMETER.		Rain, Inches.		WINDS.		WEATHER.											
	A. M.	P. M.	P. M.	A. M.	Mean Temperature.	Highest degree.	Lowest degree.	Range.	Days	Days	Days	Days										
	Mean Temperature.		IX.		Aggregate		Prevaling.		Days		Days											
Fort Brady	33.80	49.77	39.51	41.02	65	18	47	1.10	1	8	3	6	2	1	5	22	3	5	1	1	1	Cl'dy.
Hancock Bar'ks	32.77	47.54	37.09	39.13	62	21	41	1.84	7	4	2	4	2	1	16	11	3	16	3	1	1	Fair.
Fort Sullivan	38.67	51.38	42.70	44.25	64	25	39	1.73	2	4	4	4	1	3	12	4	3	12	3	1	1	Cl'dy.
Fort Snelling	39.10	50.11	45.21	44.80	72	22	50	1.55	6	3	4	4	1	2	14	10	6	14	6	1	1	Cl'dy.
Fort Winnebago	35.35	51.19	40.96	42.50	64	14	50	1.25	8	8	3	3	2	11	8	9	8	14	8	1	1	Cl'dy.
Fort Preble	38.41	50.29	42.25	43.65	69	24	45	1.48	1	8	5	1	3	5	15	6	10	15	6	1	1	Cl'dy.
Fort Crawford	41.61	55.14	46.09	47.61	75	21	54	1.21	3	1	4	4	3	6	19	9	8	19	4	1	1	Fair.
Buffalo Barracks	38.96	51.16	42.51	44.21	68	26	42	-	1	3	1	1	4	1	13	5	7	13	9	1	1	Cl'dy.
Fort Gratiot	36.19	53.19	44.45	44.61	70	19	51	1.14	2	6	11	1	1	1	18	9	7	18	5	1	1	Fair.
Watervliet Ar'nal	41.30	50.24	45.10	45.54	66	29	37	-.36	4	11	1	1	6	2	18	7	7	18	6	1	1	Fair.
Detroit Barracks	38:20	54.60	44.14	45.64	70	24	46	2.10	3	3	1	4	6	3	18	7	6	18	7	1	1	Fair.
West Point	39.00	55.29	43.68	45.99	62	37	25	2.10	22	4	1	4	2	3	20	6	6	20	6	1	1	Fair.
Fort Columbus	50.35	53.87	51.38	51.86	66	34	32	4.40	-	8	1	1	1	2	15	13	5	15	13	1	1	Cl'dy.
Alleghany Ar'nal	38.77	56.16	44.58	46.50	74	24	50	2.31	8	8	2	1	2	6	17	5	9	17	5	1	1	Fair.

OCTOBER—CONTINUED.

No. X.

PLACES OF OBSERVATION.	THERMOMETER.				Rain, Inches.	WINDS.							WEATHER.						
	Mean Temperature.			Aggregate Mean Temperature.		Highest degree.	Lowest degree.	Range.	N. W.	N. E.	S. E.	S. W.	W.	Prevaling.	Fair.	Cl'dy.	Rain.	Snow.	
	A. M.	P. M.	P. M.																Sunrise.
	Days		Days			Days		Days		Days		Days		Days					
Canisla Barracks	38.19	54.15	44.21	45.51	66	20	46	1	4	2	2	3	1	16	20	10	1	Fair.	
Ft. Leavenworth	45.58	54.61	51.45	50.54	74	20	54	10	1	1	2	13	1	1	22	22	5	3	Fair.
Fort McHenry	42.38	55.90	49.58	49.28	67	25	42	6	12	2	1	5	5	2	22	6	3	Fair.	
Jefferson Bar'ks	49.03	60.16	51.93	53.70	73	22	51	1	6	1	3	6	4	3	18	5	7	Fair.	
Fort Monroe	53.12	61.41	56.35	56.96	71	36	35	1	6	10	2	4	4	3	25	4	1	Fair.	
Fort Gibson	51.40	70.38	58.32	56.70	85	26	59	3	3	3	4	6	2	2	18	2	10	Fair.	
Fort Towson	50.41	67.54	50.90	56.28	81	30	31	5	2	7	7	4	3	8	26	4	-	Fair.	
Augusta Arsenal	47.90	64.96	60.32	57.72	80	26	54	2	7	6	1	3	6	2	17	14	-	Fair.	
Fort Moultrie	59.96	66.58	64.12	63.22	78	46	32	4	5	13	1	1	3	1	20	8	3	Fair.	
Fort Jesup	54.54	72.93	60.41	62.62	90	31	59	3	3	10	6	3	2	1	22	10	8	Fair.	
N. Orleans Bar'ks	63.54	74.96	69.03	69.17	86	40	46	1	8	7	11	1	1	1	22	21	-	Cl'dy.	
Fort Marion	65.96	73.92	67.61	69.16	83	45	38	1	1	13	6	4	1	3	17	5	8	Fair.	
Fort King	57.09	77.84	63.67	66.20	92	31	61	8	1	1	1	1	1	1	15	10	6	Cl'dy.	
Fort Brooke	63.58	75.77	69.35	69.56	86	46	40	1	1	2	5	1	1	1	23	3	4	Fair.	

NOVEMBER.

No. XI.

PLACES OF OBSERVATION.	THERMOMETER.			Rain, Inches.	WINDS.							WEATHER.													
	Mean Temperature.				Highest degree.	Lowest degree.	Range.	Prevaling.	Days			Days													
	A. M.	P. M.	P. M.						N. W.	N. E.	E.	S. E.	S.	S. W.	W.	Fair.	Cl'dy.	Rain.	Snow.						
	Aggregate								Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days						
Fort Brady	29.16	35.43	30.60	31.73	56	13	43	3.79	7	5	5	6	1	2	2	2	N.	2	2	2	3	3	Cl'dy.		
Hancock Bar'ks	29.46	37.76	31.10	32.77	73	18	55	2.53	13	3	1	1	2	7	1	2	N.	2	1	2	2	4	4	Fair.	
Fort Sullivan	34.02	40.03	35.22	36.42	66	20	46	2.99	2	6	1	3	5	5	8	4	S. W.	4	5	2	2	4	4	Cl'dy.	
Fort Snelling	27.00	36.00	28.25	30.41	62	2	60	.84	2	5	1	3	3	6	1	9	S. W.	9	6	3	3	3	3	Fair.	
Fort Winnebago	26.93	37.80	30.30	31.67	55	6	49	.55	7	5	3	4	1	3	1	6	N. W.	6	7	5	2	2	2	Cl'dy.	
Fort Preble	33.96	40.06	34.76	36.26	69	24	45	3.67	1	8	5	1	3	1	4	7	N. W.	7	15	5	10	2	2	2	Cl'dy.
Fort Crawford	30.90	45.93	33.80	36.87	67	9	56	1.14	7	4	2	4	4	3	3	3	N.	3	13	13	2	2	2	2	Cl'dy.
Buffalo Barracks	34.60	42.26	35.20	37.35	70	18	52	1.42	4	2	2	5	2	1	10	5	S. W.	5	4	12	9	5	4	4	Cl'dy.
Fort Gratiot	34.80	42.10	35.56	37.48	71	19	52	1.42	1	11	3	1	2	1	10	2	N. W.	2	13	8	5	4	4	4	Cl'dy.
Watervliet Ar'nal	36.90	40.11	38.21	38.40	69	19	50	2.39	2	7	2	6	1	8	1	10	W.	10	9	11	6	4	4	4	Cl'dy.
Detroit Barracks	34.24	40.26	36.00	36.83	60	10	50	3.35	2	2	2	6	1	5	4	11	W.	11	9	13	6	4	4	4	Cl'dy.
West Point	34.30	44.86	37.90	39.02	67	20	47	3.70	13	5	6	6	1	6	1	11	N.	11	16	6	5	5	3	3	Fair.
Fort Columbus	44.00	46.36	44.30	44.88	56	27	29	3.70	5	4	1	1	1	1	1	8	W.	8	10	11	8	1	1	1	Cl'dy.
Alleghany Ar'nal	37.50	46.80	39.13	41.14	80	28	52	2.77	6	6	6	6	1	2	3	5	N. W.	5	6	6	15	1	1	1	Cl'dy.

NOVEMBER—CONTINUED.

No. XI.

OBSERVATION.	THERMOMETER.				Rain, Inches.	WINDS.						WEATHER.				
	Mean Temperature.					Highest degree.	Lowest degree.	N. N.W.		S. S.W.		Days	Days	Fair.	Cl'dy.	
	A. M.	P. M.	P. M.	P. M.				Days	Days	Days	Days					
	Sunrise.	II.		IX.		Days	Days	Days	Days	Days	Days	Days	Days			
Carlisle Barracks	35.50	45.24	37.25	39.33	68	18	50	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	Fair.
Ft. Leavenworth	34.36	44.90	38.86	39.37	65	2	63	7	4	4	4	4	4	4	4	Fair.
Fort McHenry	37.23	47.46	41.53	42.07	67	22	45	1	1	1	1	1	1	1	1	Fair.
Jefferson Bar'ks	37.70	51.26	44.03	44.33	68	16	52	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	Cl'dy.
Fort Monroe	47.40	55.06	50.66	51.04	67	32	35	3	3	3	3	3	3	3	3	Fair.
Fort Gibson	44.76	61.16	49.13	51.35	80	20	60	4	4	4	4	4	4	4	4	Fair.
Fort Towson	42.60	55.93	42.40	46.97	72	20	52	1	1	1	1	1	1	1	1	Fair.
Augusta Arsenal	44.00	60.00	53.86	52.62	76	24	52	1	1	1	1	1	1	1	1	Fair.
Fort Moultrie	57.60	64.90	61.46	61.32	76	40	36	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	Fair.
Fort Jessup	47.33	68.43	53.36	56.34	83	17	66	6	6	6	6	6	6	6	6	Fair.
N. Orleans Bar'ks	55.06	71.03	59.40	61.83	84	30	54	10	10	10	10	10	10	10	10	Fair.
Fort Marion	57.90	68.66	57.26	61.27	82	40	42	3	3	3	3	3	3	3	3	Cl'dy.
Fort King	50.33	72.23	56.13	59.56	88	29	59	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	Fair.
Fort Broolke	58.66	71.83	63.63	64.70	84	40	44	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	Cl'dy.

*For 26 days.

DECEMBER—CONTINUED.

No. XII.

PLACES OF OBSERVATION.	THERMOMETER.				Rain, Inches.	WINDS.							WEATHER.								
	Mean Temperature.		Sunrise.	IX.		Aggregate.	Highest degree.	Lowest degree.	Range.	Prevailing.	S.W. W.			Prevailing.	Days	Days	Days	Snow.			
	A. M.	P. M.									S. E.	E.	N. E.						N. W.	S. E.	S. W.
			II.				Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days		
Carlisle Barracks	26.19	35.33	30.29		30.60	52	6	46	1	6	4 ¹ / ₂	6	1	1	12	W.	17 ¹ / ₂	8 ¹ / ₂	3 ¹ / ₂	1 ¹ / ₂	Fair.
Ft. Leavenworth	26.66	36.25	30.35		31.08	54	8	42	1	14	6	1	8	1	4	N. W.	17	10	3	1	Fair.
Fort McHenry	29.29	40.41	35.48		35.06	55	15	40	4	8	6	4	4	2	6	N. W.	20 ¹ / ₂	3 ¹ / ₂	6	1	Fair.
Jefferson Bar'ks	30.28	40.03	33.51		34.59	58	14	44	3	3	1	3	4	5 ¹ / ₂	8	S. W.	11	4	4	5	Cl'dy.
Fort Monroe	41.77	49.25	45.25		45.42	58	32	26	5	5	3	1	1	8	8	S. W.	19 ¹ / ₂	5 ¹ / ₂	5	1	Fair.
Fort Gibson	34.90	49.96	41.41		42.09	71	12	59	2	3	5	4	2	7	2	S. E.	22 ¹ / ₂	1 ¹ / ₂	4 ¹ / ₂	2	Fair.
Fort Towson	32.35	42.96	30.96		35.42	67	18	49	4	4	1	2	2	4	4	N. E.	26 ¹ / ₂	-	-	-	Fair.
Augusta Arsenal	38.77	50.32	45.48		44.85	68	24	44	1	10	4	1	2	7	6	N.	10	21	3	-	Cl'dy.
Fort Moultrie	44.90	56.95	48.77		50.20	71	31	40	3	4	8	3	5	3	5 ¹ / ₂	N. E.	13	15	9	9	Cl'dy.
Fort Jessup	41.96	56.77	47.48		48.73	76	27	49	7	9	6	3	3	1	1	N. E.	14	8	9	7	Cl'dy.
N. Orleans Bar'ks	48.83	63.19	54.19		55.40	80	36	44	4	6	3	7	4	4	3	E.	17 ¹ / ₂	17	7	7	Cl'dy.
Fort Marion	58.80	65.64	56.87		58.77	78	32	46	1	13	1	4	4	3	3	N. E.	17 ¹ / ₂	6 ¹ / ₂	4	4	Cl'dy.
Fort King	49.25	69.19	53.19		57.21	80	27	53	2	1	13	4	4	3	2	S. W.	13 ¹ / ₂	13 ¹ / ₂	7	7	Cl'dy.
Fort Brooke	57.22	69.25	63.77		63.08	84	40	44	3	3	5	2	1	4	2	N.	20 ¹ / ₂	6 ¹ / ₂	4	4	Fair.

MEAN OF OBSER

PLACES or OBSERVATION.	THERMOMETER.								
	Mean Temperature.								Highest de- gree.
	Year.	Winter.	Spring.	Summ ^r .	Autumn.	A. M.	P. M.	P. M.	
						Sunrise.	II.	IX.	
Fort Brady	39.43	18.37	34.02	62.74	42.58	31.55	49.47	39.03	94
Hancock Barracks	41.01	20.22	36.80	63.21	43.79	33.05	50.06	39.82	95
Fort Sullivan	43.02	27.65	37.56	59.86	47.01	37.49	50.37	41.21	90
Fort Snelling	43.76	18.02	43.68	70.16	43.19	36.92	Imper- fect.	44.23	93
Fort Winnebago	41.83	16.86	41.52	66.06	42.89	34.05	51.07	40.39	92
Fort Preble	43.69	25.95	39.05	63.16	46.61	39.26	49.02	42.23	91
Fort Crawford	47.48	21.46	48.89	71.61	47.99	40.44	55.90	46.14	96
Buffalo Barracks	44.26	25.77	37.21	65.45	48.62	38.52	52.27	42.01	92
Fort Gratiot	50.60	25.04	40.45	68.48	48.45	40.95	52.16	43.70	95
Watervliet Arsenal	48.04	26.76	43.47	71.53	50.42	43.72	53.31	47.46	94
Detroit Barracks	46.33	27.67	41.80	67.76	48.09	40.26	54.84	43.89	94
West Point	50.30	30.31	46.44	72.72	51.75	43.56	56.97	49.32	96
Fort Columbus	51.19	30.92	46.62	72.15	55.10	48.74	54.65	50.22	92
Alleghany Arsenal	49.60	29.99	47.75	69.09	51.25	42.84	57.40	47.46	92
Carlisle Barracks	48.94	28.42	46.48	70.96	49.90	41.64	59.05	46.08	96
Fort Leavenworth	51.08	28.87	52.34	73.44	49.68	43.63	58.19	50.60	99
Fort McHenry	52.74	32.44	47.83	73.37	57.33	47.38	56.84	51.54	95
Jefferson Barracks	54.24	30.78	54.44	76.50	55.26	47.98	61.68	53.26	97
Fort Monroe	58.90	42.01	55.09	77.67	60.36	55.73	62.82	58.18	98
Fort Gibson	59.66	39.54	60.71	79.17	59.25	51.55	69.79	58.41	99
Fort Towson	59.47	42.43	61.61	77.19	56.64	54.04	68.86	56.38	100
Augusta Arsenal	60.24	45.81	57.08	77.48	60.61	54.29	69.02	60.82	100
Fort Moultrie	63.16	50.64	63.18	71.75	67.07	62.46	68.48	64.99	91
Fort Jesup	64.94	48.57	66.19	80.87	64.15	56.54	75.40	63.15	100
N. Orleans Barracks	70.34	55.49	70.86	84.87	70.16	65.37	76.36	69.49	100
Fort Marion	66.62	55.61	63.08	78.24	69.55	62.81	73.36	64.08	96
Fort King	67.78	57.79	67.43	78.21	67.69	59.64	79.55	66.13	100
Fort Brooke	70.17	62.74	67.46	79.42	71.07	65.53	77.66	67.35	91

VARIATIONS FOR 1841.

Lowest de- gree. Range for the year.	Mean monthly range.	Rain, Inches.	WINDS.										WEATHER.				
			N. Days.	N.W. Days.	N.E. Days.	E. Days.	S.E. Days.	S. Days.	S.W. Days.	W. Days.	Prevailing.	Fair. Days.	Cloudy. Days.	Rain. Days.	Snow. Days.	Prevailing.	
-26 120	57.5	22.74	41	71	46	49	44	27	40	47	N. W.	146	133	55	32	Fair.	
-19 114	53.3	36.97	79	45	24	22	30	106	23	36	S.	237	71	35	22	Fair.	
- 5 95	42.8	38.11	13	45	30	12	56	68	84	57	S.W.	160	144	40	21	Fair.	
-32 125	53.8	21.67	57	47	32	32	37	65	44	51	S.	188	114	46	17	Fair.	
-29 121	54.0	28.45	123	66	32	42	19	30	15	38	N.	144	107	87	27	Fair.	
-- 1 92	42.1	37.00	34	59	61	13	35	25	51	87	W.	157	96	91	21	Fair.	
-28 124	57.9	31.05	52	44	16	28	35	88	44	58	S.	187	115	48	15	Fair.	
- 2 94	44.5	-	35	31	24	34	19	46	123	53	S.W.	119	125	75	46	Cl'dy.	
-15 110	51.7	32.95	43	54	77	9	12	28	98	38	S.W.	156	96	86	27	Fair.	
-18 112	43.2	-	41	70	9	6	22	104	14	99	S.	210	84	57	14	Fair.	
- 4 98	49.	27.16	41	16	28	60	11	104	41	64	S.	196	75	63	31	Fair.	
- 3 99	41.3	53.94	130	42	34	-	12	121	23	3	N.	225	63	62	15	Fair.	
9 83	33.2	42.08	23	84	47	23	14	30	57	87	W.	173	98	72	22	Fair.	
- 3 95	48.3	34.84	51	84	34	24	24	34	46	68	N. W.	155	102	87	21	Fair.	
-10 106	50.1	-	26	47	34	56	29	34	15½	124½	W.	217½	104	29½	14	Fair.	
-20 119	53.3	23.73	70	41	17	9	34	146	22	22	S.	229	97½	28½	6*	Fair.	
0 95	40.9	43.90	35	67½	61½	18½	49½	31½	39½	62	N. W.	247½	61½	42½	13½	Fair.	
-14 111	49.6	36.27	35	39½	46½	54	68	43½	27½	51	S. E.	236½	52½	59	17	Fair.	
14 84	33.5	65.30	16½	38	85	37½	56½	38½	70	23	N. E.	261	45	55	4	Fair.	
-12 111	50.	36.25	46½	24½	27½	30½	43½	73½	45½	73½	W.	248	65½	43½	8	Fair.	
0 100	42.4	62.00	24	29	58	70	20	33	39	92	W.	313½	8½	41	2	Fair.	
17 83	41.5	-	28	28	26	44	42	60	83	54	S.W.	184	104	77	-	Fair.	
26 65	28.	-	42½	49	92	21	39	26½	62	33	N. E.	167	131½	66½	-	Fair.	
16 84	48.5	55.95	18	62	54	30½	58	39½	88½	14½	S.W.	244	39	81	1	Fair.	
29 71	34.8	60.53	51½	67	50	62½	11	35½	30½	57	N. W.	148	152	65	-	Cl'dy.	
24 72	37.9	-	18½	36½	127	24	22½	36½	54½	45½	N. E.	195½	56½	113	-	Fair.	
22 81	49.1	-	42½	21½	62½	19	21½	32½	138	27½	S.W.	199	77	89	-	Fair.	
30 61	32.8	48.89	80½	35½	72½	34½	14½	51½	41	35½	N.	223½	48½	93	-	Fair.	

* For 361 days.

JANUARY.

No. I.

PLACES or OBSERVATION.	THERMOMETER.					Rain, Inches.	WINDS.						WEATHER.						
	Mean Temperature.			Aggregate	Range.		N. N.W.	N. N.E.	E.	S. E.	S.	S. W.	W.	Prevaling.	Fair.	Cl'dy.	Rain.	Snow.	Prevaling.
	Sun. rise.	II. P. M.	Sun. set.																
Fort Kent	.19	12.80	11.74	6.93	8.84	46	33	79						10	18				Cl'dy.
Fort Fairfield	4.54	19.06	13.67	10.70	10.70	45	24	69						21	9				Fair.
Fort Brady	13.25	24.00	20.29	17.06	18.17	42	16	58	2.51					18	9				Cl'dy.
Hancock Bar'ks	7.58	20.96	18.32	13.83	15.17	52	18	70	2.82					20	5				Fair.
Fort Mackinack	23.87	38.64	27.54	25.93	26.49	40	4	36						20	6				Fair.
Fort Sullivan	17.09	30.02	24.24	23.22	23.95	46	7	53	3.54					18	7				Fair.
Fort Snelling	10.35	24.44	22.09	14.35	17.80	49	14	63	.95					15	4				Fair.
Plattsburgh B'ks	16.35	25.38	22.41	18.67	20.70	41	13	54	.47					12	1				Fair.
Fort Winnebago	13.74	27.22	22.96	18.19	20.52	44	20	64	.84					15	2				Fair.
Madison Bar'ks	22.58	29.93	26.83	24.70	26.01	48	5	53	.94					14	1				Fair.
Fort Preble	19.08	30.38	27.96	25.12	25.76	49	4	53	1.91					13	1				Cl'dy.
Fort Niagara	27.48	33.09	31.45	30.09	30.53	57	11	46	2.50					12	2				Fair.
Fort Crawford	19.64	27.12	23.32	18.19	20.31	45	20	65	1.29					10	1				Fair.
Fort Constitution	23.48	33.32	30.93	28.38	29.03	53	2	51	1.34					9	1				Fair.
Fort Atkinson	11.38	24.77	20.74	15.41	18.07	42	19	61						19	2				Fair.
Buffalo Barracks	27.13	33.39	30.64	28.38	29.98	48	14	34						19	9				Fair.
Fort Gratiot	25.12	35.25	32.06	28.35	30.26	51	1	50	2.28					14	10				Cl'dy.
Watervliet Ar'nal	26.22	33.38	31.93	29.74	30.31	48	2	46	.95					22	3				Fair.
Detroit Barracks	23.06	37.19	34.25	31.19	32.67	56	10	46	.61					14	13				Cl'dy.
Dearbornville A'	26.18	38.00	34.00	30.32	32.80	58	3	61	.10					21	7				Fair.

JANUARY—CONTINUED.

No. I.

PLACES OF OBSERVATION.	THERMOMETER.						Rain, Inches.	WINDS.						WEATHER.																											
	Mean Temperature.			Aggregate.	Highest degree.	Lowest degree.		Range.	N.	N.W.	N.E.	E.	S.E.	S.	S.W.	W.	Prevailing.	Fair.	Cl'dy.	Rain.	Snow.	Days.	Days.	Days.	Days.																
	Sun. rise.	II. P.M.	Sun. set.																							IX. P.M.	N.	N.W.	N.E.	E.	S.E.	S.	S.W.	W.	Prevailing.	Fair.	Cl'dy.	Days.	Days.	Days.	Days.
Fort Adams	28.80	36.64	33.54	30.45	32.36	50	9	4	3	4	7	2	1	1	5	S. E.	21	2	3	3	3	3	3	3	Fair.																
West Point	30.54	41.41	35.61	33.12	35.17	51	8	3	4	2	2	1	1	7	6	N.W.	23	4	1	1	1	1	1	1	Fair.																
Fort Columbus	29.74	35.70	35.03	34.41	33.72	48	16	2	2	3	1	1	9	6	5	S.W.	18	8	1	1	1	1	1	1	Fair.																
Alleghany Ar'nal	29.80	39.74	35.09	31.35	33.99	56	10	5	1	1	4	2	6	6	9	S.	11	12	5	2	2	2	2	2	Cl'dy.																
Carlisle Barracks	25.03	36.93	33.87	29.90	31.43	50	6	1	1	1	4	2	6	6	1	N.W.	27	10	1	1	1	1	1	1	Fair.																
Ft. Leavenworth	26.80	41.09	38.74	33.32	34.98	59	10	2	4	1	3	1	4	4	7	N.W.	21	2	6	2	2	2	2	2	Fair.																
Fort McHenry	30.12	42.67	37.90	35.00	36.42	57	16	4	4	1	1	1	1	5	1	N.W.	11	16	3	3	3	3	3	3	Fair.																
Jefferson Bar'ks	31.58	45.80	40.16	37.29	38.70	64	13	7	2	2	3	2	7	7	1	S.W.	22	4	4	4	4	4	4	4	Fair.																
Fort Monroe	41.74	49.41	46.87	45.09	45.09	61	30	3	3	2	7	3	1	3	1	S.E.	23	6	2	2	2	2	2	2	Fair.																
Fort Gibson	37.03	55.83	50.26	42.00	45.90	68	24	2	1	1	1	1	6	5	5	N.W.	20	7	4	4	4	4	4	4	Fair.																
Fort Smith	31.83	53.16	47.00	40.00	42.99	68	18	4	4	1	1	1	1	1	1	S.	29	6	2	2	2	2	2	2	Fair.																
Fort Towson	30.09	49.09	44.00	40.25	43.03	75	20	3	3	1	1	1	1	1	1	S.	15	9	2	2	2	2	2	2	Fair.																
Augusta Arsenal	40.77	56.48	51.00	46.74	48.74	72	26	4	2	1	1	1	4	4	5	S.	15	9	2	2	2	2	2	2	Cl'dy.																
Port Moultrie	47.22	60.35	54.96	50.41	53.23	71	31	4	2	1	1	1	1	1	1	S.W.	19	10	2	2	2	2	2	2	Fair.																
Fort Jessup	44.51	62.35	55.32	50.41	53.14	80	26	5	2	1	1	1	3	3	3	S.W.	19	12	10	10	10	10	10	10	Cl'dy.																
N. Orleans Bar'ks	48.87	64.03	59.22	56.09	56.96	82	35	6	1	1	1	1	1	1	1	N.W.	5	20	6	6	6	6	6	6	Fair.																
Fort Marion	51.47	67.96	61.90	58.25	59.89	82	38	4	4	4	4	4	4	4	4	N.E.	23	6	2	2	2	2	2	2	Fair.																
Cedar Keys	51.77	63.19	59.03	57.12	57.77	79	38	3	1	1	1	1	3	3	3	N.E.	21	8	2	2	2	2	2	2	Fair.																
Fort King	45.09	70.00	62.09	52.33	57.39	82	26	3	1	1	1	1	3	3	3	S.W.	18	10	3	3	3	3	3	3	Fair.																
Fort Brooke	55.45	68.25	66.12	61.67	62.87	78	42	7	5	1	1	1	4	4	4	N.	26	3	1	1	1	1	1	1	Fair.																

FEBRUARY.

No. II.

PLACES	THERMOMETER.				RANGE.			WINDS.						WEATHER.						
	Mean Temperature.		Aggregate		Highest degree.	Lowest degree.	N.	N.W.	E.	S.E.	S.	S.W.	W.	Prevaling.	Fair.	Cl'dy.	Rain.	Snow.	Days.	Prevaling.
	II.	IX.	II.	IX.	Mean Temperature.	Highest degree.														
	sun-rise.	P. M.	sun-set.	P. M.	sun-rise.	P. M.	sun-set.	P. M.	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days
Fort Kent	7.32	22.64	17.89	12.17	15.00	42	-16	58	6	1	1	3	3	3	1	15	10	2	2	Cl'dy.
Fort Fairfield	10.10	21.46	20.21	16.85	17.23	44	-18	62	4	6	1	1	3	3	1	14	14	3	10	Cl'dy.
Fort Brady	11.53	27.46	20.17	19.50	19.49	52	-17	69	4	5	1	1	3	3	2	13	13	2	2	Cl'dy.
Hancock Barr'ks	14.39	27.35	22.71	18.92	20.84	46	-6	52	1	1	1	1	1	1	1	18	18	2	4	Fair.
Fort Mackinack	19.78	26.24	26.39	23.65	24.01	41	-8	49	3	3	1	1	1	1	2	17	17	2	6	Fair.
Fort Sullivan	23.22	34.05	28.06	25.17	27.96	49	-4	45	3	2	1	1	1	1	2	11	11	4	2	Fair.
Fort Snelling	11.54	26.26	23.07	17.31	19.54	48	-22	70	1	1	1	1	1	1	2	10	10	4	1	Fair.
Plattsburgh B'ks	20.00	31.39	26.50	23.35	25.31	45	-10	55	6	1	1	1	1	1	3	10	10	2	2	Cl'dy.
Fort Winnebago	15.03	28.57	24.25	19.96	21.95	44	-16	60	6	1	1	1	1	1	4	14	14	4	2	Fair.
Madison Barr'ks	25.43	33.10	30.07	27.85	29.11	58	-4	62	9	8	4	2	2	2	4	13	13	4	6	Cl'dy.
Fort Preble	25.50	33.85	31.17	29.67	30.04	52	-3	49	2	4	3	2	2	2	6	14	14	2	8	Fair.
Fort Niagara	27.32	33.00	31.10	29.39	30.20	57	-9	48	2	3	2	1	1	1	2	14	14	2	2	Fair.
Fort Crawford	16.50	29.42	24.71	20.21	22.71	45	-17	62	3	3	1	1	1	1	5	23	23	2	2	Fair.
Fort Constitution	27.17	36.78	34.75	30.71	32.35	56	-5	51	1	1	1	1	1	1	6	14	14	1	1	Fair.
Fort Atkinson	15.60	26.86	23.60	18.00	20.76	45	-21	66	4	9	1	1	1	1	4	15	15	8	3	Fair.
Buffalo Barracks	27.07	34.92	30.42	25.42	29.45	50	-6	44	2	4	2	2	2	2	6	15	15	9	2	Cl'dy.
Fort Gratiot	25.78	34.14	30.35	27.10	29.46	57	-1	56	2	2	1	1	1	1	5	20	20	3	5	Fair.
Waterliet Ar'nal	32.53	42.32	36.28	34.00	36.28	63	-10	53	3	3	3	3	3	3	10	13	10	1	3	Cl'dy.
Detroit Barracks	26.52	36.74	33.21	30.49	31.74	56	-4	52	1	1	1	1	1	1	14	14	10	3	1	Cl'dy.
Dearbornville A.	25.80	36.36	33.00	29.30	31.09	58	-8	66	3	1	1	1	1	1	17	17	5	4	1	Fair.

FEBRUARY—CONTINUED.

No. II.

PLACES OF OBSERVATION.	THERMOMETER.				Rain, Inches.	WINDS.						WEATHER.									
	Mean Temperature.					Range.	Highest degree.	Lowest degree.	N.	N.W.	E.	S.E.	S.	S.W.	W.	Prevailing.	Fair.	Cl'dy.	Rain.	Snow.	Days.
	Aggregate																				
	Sun. rise.	II. P. M.	Sun- set.	IX. P. M.																	
Fort Adams	31.85	40.28	36.28	33.32	35.43	54	11	43	5.95	2	3 $\frac{1}{2}$	5	3 $\frac{1}{2}$	4	3	S. E.	10 $\frac{1}{2}$	10	1	Fair.	
West Point	35.57	44.71	40.89	37.03	39.55	67	10	57	2.60	1	1	1	2	1	1	N. W.	21 $\frac{1}{2}$	3	1	Fair.	
Fort Columbus	33.92	41.35	39.42	37.89	38.14	68	16	42	2.85	4	1	2	1	5 $\frac{1}{2}$	4	N. W.	22 $\frac{1}{2}$	5	4	Fair.	
Alleghany Ar'nal	29.46	43.45	37.71	33.64	36.06	58	9	59	2.88	3	3 $\frac{1}{2}$	4	1	2	1	W.	15	4	2	Fair.	
Carlisle Barracks	24.42	40.85	36.21	32.00	33.37	68	8	60	.60	4	3 $\frac{1}{2}$	4	1	2	1	S. E.	17	7 $\frac{1}{2}$	1	Fair.	
Ft. Leavenworth	27.21	41.14	39.78	34.25	35.59	59	7	52	3.35	2	2	4	1	2	1	N. W.	18 $\frac{1}{2}$	4	2	Fair.	
Ft. McHenry	32.35	44.14	39.46	36.64	38.14	66	13	53	3.46	4	4	5	4	4	3	N. W.	20 $\frac{1}{2}$	4	3	Fair.	
Jefferson Bar'ks	29.78	42.69	39.64	36.07	37.02	63	0	63	3.46	3	3	2	3	4	3	N. E.	22	7	4	Cl'dy.	
Fort Monroe	42.10	52.36	47.42	46.25	47.03	67	24	43	5.60	3	4	2	2	3	2	N. E.	20	4	4	Fair.	
Fort Gibson	40.42	56.25	50.17	40.46	46.57	75	21	54	1.00	1	1	1	1	3	3	S. W.	13	11	4	Cl'dy.	
Fort Smith	34.46	54.17	48.14	42.34	44.77	75	14	61	9.99	1	1	1	1	3	4	W.	13	11	4	Fair.	
Fort Towson	47.71	62.14	55.60	49.35	53.70	82	20	62	7.50	5	4	4	4	4	3	E. W.	20	3	2	Cl'dy.	
Augusta Arsenal	42.85	59.28	53.53	49.60	51.31	73	20	53	-	4	3	2	2	3	2	S. W.	4	3	2	Cl'dy.	
Fort Moultrie	48.10	59.67	54.39	51.59	53.43	71	24	47	-	4	4	4	4	4	3	N. E.	20	5	5	Cl'dy.	
Fort Jesup	55.00	61.78	56.21	51.56	56.13	80	28	52	5.79	10	1	1	1	1	1	N.	15	16	3	Cl'dy.	
N. Orleans Bar'ks	52.17	64.28	60.25	57.35	58.50	78	32	46	3.51	4	6	2	2	2	2	W.	15	16	9	Cl'dy.	
Fort Marion	56.60	64.75	62.28	58.85	60.62	86	38	48	-	3	1	1	1	1	1	N. E.	12 $\frac{1}{2}$	4	1	Fair.	
Cedar Keys	54.82	63.92	61.10	59.35	59.79	76	32	44	8.80	2	5	2	2	2	2	S. E.	15	10	7	Cl'dy.	
Fort King	49.10	63.78	61.50	53.64	58.50	86	27	59	2.83	5	1	1	1	1	1	S. W.	13 $\frac{1}{2}$	7	6	Fair.	
Fort Brooke	58.71	71.17	64.14	64.17	64.54	81	39	42	-	4	1	1	1	4	4	S.	16	6	6	Fair.	

MARCH—CONTINUED.

No. III.

OBSERVATION.	THERMOMETER.				Rain, Inches.	WINDS.								WEATHER.												
	Mean Temperature.					Range.	Highest Degree.	Lowest degree.	N.		N. W.		E.		S. E.		S.		S. W.		W.		Prevaling.			
	Sun- rise.	I. P. M.	Sun- set.	IX. P. M.					Mean Temperature Aggregate	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days		Days	Days	Days
Fort Adams	36.61	45.96	41.29	37.16	40.25	60	18	42	4.54	2 1/2	4	3	3 1/2	5 1/2	5	5	2 1/2	15	5	9	2	2	Fair.			
West Point	41.96	50.80	48.83	44.61	46.65	72	25	47	.75	9 1/2	3 1/2	2	2	2	1 1/2	1 1/2	1 1/2	13	13	2	2	1 1/2	Cl'dy.			
Fort Columbus	40.29	47.87	45.90	44.32	44.59	62	24	38	1.25	12	5	1	1	1	1	1	1	17	8	5	1	1	Fair.			
Alleghany Ar'nal	39.35	53.93	48.22	45.54	46.76	78	20	58	3.75	6 1/2	8 1/2	1	1	2	1	2	1	11	10	9	1	1	Cl'dy.			
Carlisle Barracks	33.12	51.16	46.93	43.77	45.24	74	24	50	-	2	4	3	4	3 1/2	1	1	1	17	10 1/2	3 1/2	3	3	Fair.			
Ft. Leavenworth	42.03	61.51	58.32	51.83	53.42	82	19	63	.99	4	4	2	2	4	4	4	13	22 1/2	4 1/2	1	3	3	Fair.			
Fort McHenry	40.54	54.74	49.48	47.12	47.97	76	24	52	2.40	1 1/2	7	5	2	2	2	4	7 1/2	17	10	3	1	1	Fair.			
Jefferson Bar'ks	51.19	64.54	61.35	57.83	58.72	83	25	58	2.93	5	1	1	1	3	7	7	5	19	3 1/2	7	7	1	Fair.			
Fort Monroe	52.48	61.35	58.38	56.54	57.18	78	43	35	2.46	2	2	1	1	2	1	1	1	21	4	6	1	1	Fair.			
Fort Gibson	53.22	71.48	65.03	58.64	62.22	89	30	59	.30	2	2	1	1	1	1	1	1	25 1/2	3 1/2	2	1	1	Fair.			
Fort Smith	49.51	75.48	64.19	58.90	61.50	90	29	61	1.13	1	1	1	1	1	1	1	1	14 1/2	15 1/2	4	2	1	Cl'dy.			
Fort Towson	57.22	72.32	66.16	61.35	64.26	85	44	41	7.40	2	3	1	1	1	1	1	1	24	24	2	5	5	Fair.			
Augusta Arsenal	58.39	69.74	63.54	61.74	63.35	88	45	43	-	3	1	1	1	1	1	1	1	20	5 1/2	5 1/2	5 1/2	5 1/2	Fair.			
Fort Moultrie	59.80	78.77	72.51	63.80	68.72	90	38	52	4.03	8	1	4	2	3	2	9	5	17	13 1/2	7 1/2	6	6	Fair.			
Fort Jesup	63.77	77.45	73.54	70.83	71.85	86	50	36	2.71	4	4	5	1	1	6	2	6 1/2	19	7	7	3	3	Fair.			
N. Orleans Bar'ks	64.06	78.16	69.03	69.06	70.07	88	56	32	-	-	-	10 1/2	3	6	3	8	1	23	5	5	7	7	Cl'dy.			
Fort Marion	64.58	71.22	67.93	65.96	67.42	76	52	24	.20	5	7	1	1	1	3	7	2	25 1/2	5	5	3	3	Fair.			
Cedar Keys.	56.80	82.16	73.80	65.87	69.65	90	38	52	-	3 1/2	1	1	1	3	6	13	1	27 1/2	3 1/2	1	1	1	Fair.			
Fort King	73.71	79.06	77.67	77.64	77.03	84	54	30	.10	1	4 1/2	1	1	2	5 1/2	5 1/2	11	27 1/2	2 1/2	1	1	1	Fair.			

No. IV.

APRIL.

PLACES or OBSERVATION.	THERMOMETER.					Rain, Inches.	WINDS.							WEATHER.								
	Mean Temperature.						Highest degree.	Lowest degree.	Range.	N.	N.W.	N.E.	E.	S.E.	S.	S.W.	W.	Prevaling.	Fair.	Cl'dy.	Snow.	
	Sun- rise.	11. P.M.	Sun- set.	IX. P.M.	Mean Aggregate																	
Fort Kent	24.60	45.60	38.26	30.56	34.22	76	-3	79	11 ¹ / ₂	5 ¹ / ₂	1 ¹ / ₂	1 ¹ / ₂	2 ¹ / ₂	4 ¹ / ₂	2	3	N.	16	13	1	1	Fair.
Fort Fairfield	24.23	45.53	38.33	32.36	35.13	78	-4	82	2	8 ¹ / ₂	1 ¹ / ₂	1 ¹ / ₂	4 ¹ / ₂	5 ¹ / ₂	5	7	N.W.	14	9	4	3	Cl'dy.
Fort Brady	31.70	49.20	40.16	36.73	39.21	80	22	58	2 ¹ / ₂	4	1 ¹ / ₂	1 ¹ / ₂	4 ¹ / ₂	7 ¹ / ₂	3 ¹ / ₂	2	S.	15	8	5	2	Fair.
Hancock Bar'ks	29.60	46.70	40.53	35.90	38.18	81	2	79	10 ¹ / ₂	4	1	1	1 ¹ / ₂	12	1 ¹ / ₂	1	S.	24	3 ¹ / ₂	1 ¹ / ₂	1	Fair.
Fort Mackinack	37.53	45.06	41.30	39.83	40.93	69	30	39	1	4	1 ¹ / ₂	15	1	2 ¹ / ₂	1	1	E.	18	4	6	2	Fair.
Fort Sullivan	33.40	46.83	41.23	37.63	39.77	60	12	58	1	1	1	1	1	2 ¹ / ₂	1	1	S.W.	15 ¹ / ₂	11 ¹ / ₂	2	1	Fair.
Fort Snelling	39.23	57.23	53.93	48.96	49.83	86	26	60	1	1	1	1	1	5	7	3	S.W.	21 ¹ / ₂	18	5	1	Fair.
Plattsburgh B'ks	36.50	48.93	45.23	40.93	42.90	81	12	69	2	2	4	3	4	4 ¹ / ₂	4	2	S.	18	8	2	1	Fair.
Fort Winnebago	38.96	59.93	53.83	48.63	50.58	87	27	50	10	7 ¹ / ₂	2	2	2	6	4	2	N.W.	21	14	3	1	Fair.
Madison Barracks	39.40	49.96	47.10	43.80	45.06	68	24	44	1	10	6	6	4	4	3	8	N.W.	14	17	8	4	Cl'dy.
Fort Preble	37.46	47.26	42.86	40.00	41.89	78	20	58	1	4	4	4	1	1	4	4	N.W.	17	8	4	4	Fair.
Fort Niagara	40.00	48.53	46.76	45.13	45.10	82	26	56	4	1	1	1	1	4	4	4	W.	18	4	8	8	Fair.
Fort Crawford	47.66	58.53	62.16	62.40	59.68	91	34	57	4	4	7	7	3	3	3	3	S.	16 ¹ / ₂	17 ¹ / ₂	7	5	Fair.
Fort Constitution	38.53	50.63	44.50	42.26	44.14	85	16	69	2	2	2	2	2	2	2	2	N.E.	17 ¹ / ₂	17 ¹ / ₂	7	8	Fair.
Fort Atkinson	44.50	63.80	58.96	62.36	54.90	88	30	58	2	4	6	6	4	6	6	6	S.W.	16	3	10	1	Fair.
Buffalo Barracks	40.06	52.20	46.06	43.33	45.41	92	26	46	1	1	1	1	1	1	1	1	S.W.	16	3	10	1	Fair.
Fort Gratiot	43.90	55.33	48.36	44.63	48.05	94	29	65	3	1	1	1	1	1	1	1	S.W.	18	1	10	1	Fair.
Watervliet Ar'nal	43.86	63.53	54.56	50.93	53.14	83	25	58	1	1	1	1	1	1	1	1	S.	18	8	3	3	Fair.
Detroit Barracks	39.96	58.23	51.33	47.16	49.17	90	26	64	3	4	4	6	1	1	1	1	E.	17	7	6	6	Fair.
Dearbonville Ar'	42.12	61.40	53.48	48.02	51.25	92	24	68	1	1	1	1	1	1	1	1	W.	15	15	2	2	Fair.

APRIL—CONTINUED.

No. IV.

PLACES OR OBSERVATION.	THERMOMETER.			Range.	Rain, Inches.	WINDS.						WEATHER.														
	Mean Temperature.					Highest degree.	Lowest degree.	N.	N.W.	N.E.	E.	S.E.	S.	S.W.	W.	Prevailing.	Fair.	Cldy.	Rain.	Snow.	Days.	Days.	Days.			
	Sun- rise.	P. M.	Sun- set.																					IX. P. M.	Aggregate Mean Temperature.	
																										Days
Fort Adams	41.96	52.36	46.96	42.80	46.02	62	27	35	3.18	1	6 ¹ / ₂	6	3 ¹ / ₂	3 ¹ / ₂	6 ¹ / ₂	3	S.W.	3	6 ¹ / ₂	18	2 ¹ / ₂	9 ¹ / ₂	9 ¹ / ₂	Fair.		
West Point	49.10	58.20	56.00	53.73	54.25	80	38	42	4.95	3	6 ¹ / ₂	1	3 ¹ / ₂	5	5	5	N.W.	-	6 ¹ / ₂	17	6 ¹ / ₂	6 ¹ / ₂	6 ¹ / ₂	Fair.		
Fort Columbus	46.80	53.50	53.43	52.40	51.53	70	32	38	3.60	8	9	1	4	1 ¹ / ₂	6	4	N.E.	-	4	18	4	8	8	Fair.		
Allegany Arsenal	45.00	63.73	57.13	51.80	54.41	80	28	52	4.64	4 ¹ / ₂	7	1 ¹ / ₂	4	2	2	2	N.W.	-	4	18 ¹ / ₂	4	7	11	11	Fair.	
Carlisle Barracks	42.20	60.36	51.63	51.00	51.29	82	30	52	30.52	1 ¹ / ₂	3	2	10	2	6	1	E.	-	4	18 ¹ / ₂	4	7	6	6	Fair.	
Ft. Leavenworth	49.43	68.90	64.73	59.20	60.56	90	36	54	2.84	4	5	5 ¹ / ₂	1	5	2	3 ¹ / ₂	5	S.E.	-	20 ¹ / ₂	3	6	6	6	Fair.	
Fort McHenry	46.26	60.66	56.13	53.73	54.19	80	32	48	4.30	4	3	6 ¹ / ₂	4	10	3	6	S.	-	17	17	7	5	5	Fair.		
Jefferson Bar ['] ks	55.50	71.50	67.80	64.46	64.81	86	44	42	2.02	1 ¹ / ₂	5	2	2	2	2	2	N.E.	-	22 ¹ / ₂	2	2	2	2	2	Fair.	
Fort Monroe	58.20	67.76	64.06	61.10	63.78	84	46	38	5.50	1	5	10	7	6	2	2	N.E.	-	22	22	4	6	6	6	Fair.	
Fort Gibson	56.30	74.13	68.73	61.11	64.13	85	42	43	4.10	1	7	6	6	5	5	7	S.W.	-	14 ¹ / ₂	14 ¹ / ₂	9 ¹ / ₂	9 ¹ / ₂	9 ¹ / ₂	9 ¹ / ₂	Cldy.	
Fort Smith	52.33	75.23	66.16	60.40	63.54	89	36	53	4.76	1	7	6	6	9	3	3	S.E.	-	23 ¹ / ₂	23 ¹ / ₂	2	2	2	2	2	Fair.
Fort Towson	57.53	75.70	73.10	65.20	67.86	82	49	33	10.30	-	5	2	-	3	1	2	S.W.	-	24 ¹ / ₂	24 ¹ / ₂	5	5	1	1	1	Fair.
Augusta Arsenal	57.43	78.13	68.03	63.63	66.95	88	50	38	-	-	2	3 ¹ / ₂	3	1	2	1	N.	-	17	17	7	7	6	6	6	Fair.
Fort Moultrie	62.30	72.46	66.16	66.20	66.78	78	50	28	-	-	9 ¹ / ₂	4	4	2	2	2	N.	-	16	16	6	6	6	6	6	Fair.
Fort Jesup	58.23	82.86	74.53	66.10	70.43	94	40	54	5.59	4	4	4	6	3	3	3	N.	-	17	17	6	6	6	6	6	Fair.
N. Orleans Bar ['] ks	63.33	76.12	73.06	69.50	69.80	82	55	27	5.20	4	4	4	4	2	2	2	N.	-	17	17	6	6	6	6	6	Fair.
Fort Marion	65.06	76.63	72.20	70.16	71.96	88	56	32	1.40	-	5	2	2	11	6	6	S.E.	-	17 ¹ / ₂	17 ¹ / ₂	6	6	6	6	6	Fair.
Cedar Keys	65.23	73.16	70.23	69.00	69.60	76	58	18	-	-	3	3	3	2	2	2	S.W.	-	27	27	4	4	4	4	4	Fair.
Fort King	59.73	83.00	73.16	71.73	71.90	90	44	46	-	-	2	1	1	1	1	1	S.W.	-	22 ¹ / ₂	22 ¹ / ₂	4	4	4	4	4	Fair.
Fort Brooke	62.93	76.80	74.60	70.00	71.08	84	56	28	2.70	1	1	6	6	6	6	6	W.	-	22 ¹ / ₂	22 ¹ / ₂	2	2	2	2	2	Fair.

MAY.

No. V.

PLACES OF OBSERVATION.	THERMOMETER.				Rain, Inches.	WINDS.								WEATHER.											
	Mean Temperature.					Aggregate.	Highest degree.	Lowest degree.	Range.	N. N.W.	N. N.E.	E.	S.E.	S. S.W.	S. W.	W. Prevaling.	Fair, Days	Cl'dy, Days	Rain, Days	Snow, Days	Prevaling.				
	Sun- rise.	H. P. M.	Sun- set.	IX. P. M.																					
Fort Kent	36.87	57.77	48.58	40.80	45.28	84	26	58	3	5	1	6	3	2	11	W.	10	18	3	3	2	2	18	18 $\frac{1}{2}$	Cl'dy.
Fort Fairfield	37.93	57.06	47.61	45.00	47.30	76	28	48	$\frac{1}{2}$	5	1	1	3	5	10	S.W.	18 $\frac{1}{2}$	22	8	2	2	2	18 $\frac{1}{2}$	18	Fair.
Fort Brady	34.09	52.70	42.58	39.22	42.14	69	24	45	4	4	1	3	1	3	1	N.	18	7	6	1	1	1	20	20	Fair.
Hancock Bar'ks	40.00	59.41	50.25	46.93	49.14	76	31	45	2	2	1	4	1	2	2	S.	18	5	5	1	2	2	18	18	Fair.
Fort Mackinack	39.87	50.77	46.51	44.06	45.30	67	32	35	1	9	1	4	1	1	1	W.	16	10	1	10	2	1	16	16	Fair.
Fort Sullivan	45.19	53.22	48.25	44.45	47.77	64	34	31	1	2	5	3	6	5	10	S.W.	16	10	4	4	1	1	18	18	Fair.
Fort Snelling	41.77	60.22	55.12	50.38	51.87	83	28	55	$\frac{1}{2}$	5	1	2	1	1	2	S.W.	16	8	4	4	1	1	16	16	Fair.
Piatsburgh B'ks	48.45	51.93	59.51	43.80	50.92	74	33	41	6	6	1	4	1	1	1	S.	16	16	2	10	1	1	18	18	Fair.
Fort Winnebago	42.06	62.96	55.77	50.83	52.88	79	27	52	1	1	1	1	1	1	2	N.W.	18	12	1	1	1	1	18	18	Fair.
Madison Bar'ks	45.67	55.58	51.93	48.58	50.44	74	33	41	1	1	1	1	1	1	2	N.W.	18	12	1	1	1	1	18	18	Fair.
Fort Preble	44.38	55.48	49.38	44.35	48.39	70	36	34	1	5	1	1	1	1	8	W.	19	6	2	5	1	1	19	19	Fair.
Fort Niagara	46.80	57.77	53.51	51.87	52.49	74	36	38	4	4	1	1	1	1	3	N.W.	19	6	2	7	1	1	19	19	Fair.
Fort Crawford	48.86	70.67	63.16	55.87	59.64	84	38	46	2	2	1	1	1	1	3	W.	16	2	13	4	1	1	16	16	Fair.
Fort Constitution	45.38	58.90	53.09	50.61	52.00	76	38	38	3	7	1	1	1	1	6	W.	17	9	13	4	1	1	17	17	Fair.
Fort Atkinson	46.09	66.25	60.93	54.51	56.94	84	30	54	2	7	1	1	1	1	4	W.	16	2	13	4	1	1	16	16	Fair.
Buffalo Barracks	48.00	62.32	58.19	52.00	55.12	82	42	40	4	8	1	1	1	1	4	S.W.	16	16	1	9	1	1	16	16	Fair.
Fort Gratiot	45.64	54.67	52.16	50.00	51.36	83	32	51	1	1	1	1	1	1	3	N.E.	22	1	1	6	1	1	22	22	Fair.
Watervliet Ar'nal	50.06	70.12	56.90	54.48	57.89	78	36	43	2	8	1	1	1	1	4	S.	15	14	2	2	1	1	15	15	Cl'dy.
Detroit Barracks	44.16	65.90	55.16	51.32	54.13	84	32	52	1	1	1	1	1	1	3	S.	21	8	1	1	1	1	21	21	Fair.
Dearbornville A	47.00	69.54	62.48	57.50	59.23	85	30	55	1	1	1	1	1	1	1	W.	20	7	1	3	1	1	20	20	Fair.

MAY—CONTINUED.

No. V.

PLACES or OBSERVATION.	THERMOMETER.					Rain, Inches.	WINDS.						WEATHER.																	
	Mean Temperature.			Aggregate.	Highest degree.		Lowest degree.	Range.	N.	N.W.	E.	S.E.	S.	S.W.	W.	Prevailing.	Fair.	Cl'dy.	Rain.	Snow.	Days.									
	Sun-rise.	U. P. M.	Shad- set.																			IX. P. M.	Days.	Days.	Days.	Days.	Days.	Days.	Days.	Days.
Fort Adams	52.35	61.21	55.12	52.12	55.20	70	40	30	4.65	1 1/2	1 1/2	4 1/2	4	4 1/2	9	1 1/2	S.W.	19 1/2	19 1/2	10	1 1/2	10	1 1/2	19 1/2	19 1/2	10	1 1/2	Fair.		
West Point	49.93	64.12	62.06	60.67	59.19	76	39	37	4.80	6 1/2	2 1/2	4	2	14 1/2	1 1/2	-	S.	14	14	4	2	6	4	13 1/2	13 1/2	8	4	Fair.		
Fort Columbus	54.64	60.61	59.93	58.67	58.46	75	46	29	3.60	2	6	2	1	8	2	6	4	S.E.	15 1/2	15 1/2	2 1/2	13 1/2	13 1/2	2 1/2	13 1/2	13 1/2	4	2	Cl'dy.	
Alleghany Ar'nal	47.38	66.80	57.22	54.32	56.43	76	32	44	2.86	7 1/2	5 1/2	3 1/2	2	1	3 1/2	7 1/2	3 1/2	W.	18 1/2	18 1/2	8	4 1/2	4 1/2	4 1/2	12	12	Fair.			
Carlisle Barracks	49.74	66.71	59.16	54.32	57.48	84	40	44	-	1	11 1/2	3 1/2	1 1/2	2	3	3	-	N.W.	19 1/2	19 1/2	6	6	6	6	5	5	Fair.			
Ft. Leavenworth	53.06	70.77	66.45	61.61	62.97	83	37	46	1.39	2 1/2	7	4	2	5 1/2	4 1/2	7	4 1/2	W.	22 1/2	22 1/2	3 1/2	19 1/2	19 1/2	3 1/2	19 1/2	19 1/2	6	6	Fair.	
Fort McHenry	51.19	66.38	61.93	59.03	59.63	78	42	36	4.00	2 1/2	7	4	2	10 1/2	4	10 1/2	4	W.	19 1/2	19 1/2	2 1/2	19 1/2	19 1/2	2 1/2	19 1/2	19 1/2	9	9	Fair.	
Jefferson Bar'ks	57.87	72.83	68.19	61.61	65.13	84	40	44	4.81	1 1/2	1	8 1/2	2	10	3	3 1/2	1	S.W.	23 1/2	23 1/2	1 1/2	6	6	1 1/2	6	6	6	Fair.		
Fort Monroe	63.16	71.51	67.74	65.58	66.99	84	52	32	4.70	1 1/2	1	8 1/2	2	10	3	3 1/2	1	S.E.	17 1/2	17 1/2	3 1/2	10	10	3 1/2	10	10	6	6	Fair.	
Fort Gibson	63.90	79.38	73.38	65.96	70.12	88	40	48	5.40	2	2	5	1	6	6	6	3	N.W.	10	10	14 1/2	6 1/2	6 1/2	14 1/2	14 1/2	6 1/2	6 1/2	Cl'dy.		
Fort Smith	58.09	82.70	71.38	66.42	69.64	92	37	55	4.33	2	2	5	1	10	10	16	1	S.W.	16 1/2	16 1/2	8	6 1/2	6 1/2	8	6 1/2	8	6 1/2	Fair.		
Fort Towson	62.35	83.29	76.58	70.96	73.58	99	47	52	8.80	-	2	2	3	3	3	1	2	S.W.	22 1/2	22 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	Fair.		
Augusta Arsenal	67.41	77.25	72.03	70.58	71.81	85	53	32	-	2	2	4	5 1/2	3	3	3	3	S.W.	15 1/2	15 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	Fair.		
Fort Moultrie	63.16	88.29	80.58	73.67	76.92	98	44	54	1.40	3 1/2	3 1/2	1 1/2	2	7 1/2	1 1/2	2	1	S.	21 1/2	21 1/2	22	22	22	22	22	22	22	22	Cl'dy.	
Fort Jesup	69.03	78.93	77.93	74.06	74.96	85	57	28	1.12	3	4	4	4	7 1/2	3	4	2	N.E.	14 1/2	14 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	1	1	Cl'dy.
N. Orleans Bar'ks	54.64	67.58	60.96	58.58	64.51	95	60	35	.80	3	3	1 1/2	2	3	3	2	17	2 1/2	S.W.	30	30	14 1/2	14 1/2	14 1/2	14 1/2	14 1/2	14 1/2	14 1/2	Fair.	
Fort Marion	67.90	77.83	74.22	72.61	73.14	83	62	21	-	1 1/2	2	4	3	1	2	5	5	S.W.	19 1/2	19 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	Fair.	
Cedar Keys	61.83	88.70	75.83	71.19	74.38	96	49	47	-	1 1/2	2	4	3	1	2	5	5	S.W.	19 1/2	19 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	Fair.	
Fort King	61.83	88.70	75.83	71.19	74.38	96	49	47	-	1 1/2	2	4	3	1	2	5	5	S.W.	19 1/2	19 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	Fair.	
Fort Brooke	71.67	84.19	76.93	72.77	76.39	88	62	26	2.80	-	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	E.	23	23	1	1	1	1	1	1	1	1	Fair.	

JUNE.

No. VI.

OBSERVATION.	THERMOMETER.				Rain, inches.	WINDS.						WEATHER.						
	Mean Temperature.					Range	N. N.W.	N. E.	S. E.	S. S.W.	W. W.	Prevailing.	Fair.	Cl'dy.	Rain.	Snow.		
	Aggregate																Highest degree.	Lowest degree.
	Sun. rise.	II. P. M.	Sun. set.	IX. P. M.														
Fort Kent	48.23	70.66	59.76	52.70	57.19	90	34	56	4	7	1	1	19	10	1	Fair.		
Fort Fairfield	49.26	67.93	59.70	51.26	58.83	83	34	49	1	6	1	1	20	1	7	Fair.		
Fort Brady	44.70	61.16	49.43	46.80	50.52	78	24	54	3	3	1	2	15	3	12	Fair.		
Hancock Bar ^{'s}	48.90	68.40	60.43	57.33	58.76	86	36	50	2	2	1	2	16	7	6	Fair.		
Fort Mackinac	47.93	56.23	51.07	50.60	51.61	69	34	35	1	3	1	2	17	2	10	Fair.		
Fort Sullivan	47.76	60.96	53.53	50.36	53.15	75	38	37	2	2	1	2	18	8	4	Fair.		
Plattsburgh B ^{'s}	55.53	60.60	67.10	57.30	60.13	78	40	38	2	3	1	2	21	1	7	Fair.		
Fort Winnebago	49.03	68.16	57.83	56.03	57.76	94	32	52	4	5	4	3	18	2	10	Fair.		
Madison Bar ^{'s}	52.40	67.46	61.68	58.13	59.91	90	34	56	12	7	3	2	22	4	8	Fair.		
Fort Preble	53.90	64.00	57.26	55.60	57.67	81	41	40	4	3	1	4	17	4	15	Fair.		
Fort Niagara	54.80	62.60	61.00	57.93	59.08	78	38	40	6	3	1	3	15	7	7	Cl'dy.		
Fort Crawford	57.63	77.60	71.46	63.83	67.63	95	44	51	1	1	1	1	20	1	9	Fair.		
Fort Constitution	53.43	70.16	59.20	57.46	60.06	90	39	51	1	1	1	1	17	2	10	Fair.		
Fort Atkinson	53.80	70.96	64.13	60.43	62.31	85	40	45	1	1	1	1	17	2	10	Fair.		
Buffalo Barracks	54.00	71.60	63.00	59.00	61.90	86	34	52	1	1	1	1	17	2	10	Fair.		
Fort Gratiot	52.80	66.93	57.83	56.10	58.41	89	36	53	6	14	4	2	18	1	8	Cl'dy.		
Watervliet Ar ^{'nal}	59.66	73.83	68.00	64.23	66.43	84	40	44	2	2	2	2	18	1	11	Fair.		
Detroit Barracks	51.36	70.80	62.40	56.90	60.36	88	32	56	1	1	1	1	19	5	7	Fair.		
Dearbonville Ar ^{'l}	54.46	73.28	67.16	60.52	64.05	88	34	54	1	4	1	1	17	6	7	Fair.		
							34	54	3	1	1	1	20	4	5	Fair.		

JUNE—CONTINUED.

No. VI.

PLACES OF OBSERVATION.	THERMOMETER.				Rain, Inches.	WINDS.								WEATHER.													
	Mean Temperature.		Sun- set.	IX. P.M.		Mean Aggregate	Highest degree.	Lowest degree.	Range.	N.	N.W.	N.E.	E.	S.E.	S.	S.W.	W.	Prevailing.	Fair.	Cl'dy.	Rain.	Snow.	Days.	Days.	Days.	Days.	Prevailing.
	Sub. rise.	II. P.M.																									
Fort Adams	61.50	71.53	64.13	61.23	64.60	84	44	40	10.92	3	4	4	7	6	7	1	S.W.	17	3	10						Fair.	
West Point	59.60	71.43	69.43	67.96	67.10	80	40	40	3.23	1	1	1	19	4	4	2	S.	17	8	5						Fair.	
Fort Columbus	63.10	69.33	69.20	66.53	67.19	79	50	29	2.30	4	3	2	6	4	8	2	S.W.	13	7	10						Cl'dy.	
Allegany Arsenal	58.43	73.70	66.56	62.96	65.41	84	40	44	3.36	6	1	2	4	7	7	8	W.	17	7	13						Fair.	
Carlisle Barracks	59.60	77.13	67.73	64.46	67.23	90	44	46	-	2	2	1	6	3	5	1	W.	20	7	3						Fair.	
Fl. Leavenworth	60.10	74.36	69.36	66.10	67.45	87	46	41	5.65	7	5	2	6	3	5	2	N.E.	15	5	9						Fair.	
Fort McHenry	62.13	74.93	70.93	67.83	68.98	85	47	38	2.65	5	2	1	2	2	3	5	S.E.	22	3	4						Fair.	
Jefferson Bar'ks	64.60	78.53	72.90	68.33	71.09	93	50	43	5.81	2	4	2	6	3	5	4	W.	18	1	11						Fair.	
Fort Monroe	71.30	77.73	74.46	73.23	74.18	90	62	28	9.50	4	8	2	8	9	4	1	N.E.	20	2	8						Fair.	
Fort Gibson	68.13	81.20	76.00	71.06	73.86	93	60	33	4.75	1	2	7	15	3	6	1	S.	19	4	4						Fair.	
Fort Smith	65.96	85.83	75.60	71.73	74.78	98	56	42	4.39	4	4	1	5	6	17	1	S.W.	12	10	7						Cl'dy.	
Fort Towson	70.76	86.80	81.36	76.13	78.76	98	68	30	14.20	4	6	2	9	1	18	1	S.W.	20	13	6						Fair.	
Augusta Arsenal	65.80	87.56	78.30	73.98	76.39	99	60	39	-	6	2	4	3	3	2	7	S.W.	12	13	5						Cl'dy.	
Fort Moultrie	73.70	81.36	77.53	75.53	77.03	96	52	44	-	2	2	4	2	15	3	1	S.	18	9	3						Fair.	
Fort Jesup	72.26	83.46	86.40	82.33	83.60	98	62	36	1.64	3	2	3	4	2	3	4	S.E.	8	13	3						Cl'dy.	
N. Orleans Bar'ks	74.76	83.06	82.66	80.43	80.56	87	72	15	1.13	4	2	2	3	10	2	4	S.	18	9	9						Fair.	
Fort Marion	72.96	84.36	79.23	74.23	79.73	96	68	28	-	3	2	7	3	4	6	2	S.	14	11	3						Cl'dy.	
Cedar Keys	70.90	82.60	78.00	76.16	76.66	86	66	20	1.30	1	2	1	5	4	14	1	S.W.	25	3	2						Fair.	
Fort King	69.73	88.53	76.83	68.06	75.78	98	60	38	-	3	1	2	3	2	5	9	S.W.	14	8	7						Cl'dy.	
Fort Brooke	73.66	85.76	82.30	76.56	79.57	90	69	21	2.90	1	1	8	2	2	9	1	S.	19	4	7						Fair.	

AUGUST.

No. VIII.

PLACES or OBSERVATION.	THERMOMETER.					Rain, Inches.	WINDS.						WEATHER.													
	Mean Temperature.						Highest degree.	Lowest degree.	Range.	N. W.	N. E.	E.	S. E.	S.	S. W.	W.	Prevailing.	Fair.	Cl'dy.	Rain.	Snow.	Show.	Prevailing.			
	Sun Disc.	II. P. M.	Sun set.	IX. P. M.	Aggregate Temperature.																					
Fort Kent	55.64	78.64	64.77	57.87	64.30	97	40	57	9	2 ^N	1 ^N	2 ^N	5 ^N	6	5 ^N	20 ^N	6	4 ^N	20 ^N	6	4 ^N	20 ^N	Fair			
Fort Fairfield	54.90	77.03	68.25	63.29	65.77	88	42	46	2	3 ^N	1 ^N	5	5	18 ^N	6 ^N	22	3	6	22	3	6	22	Fair.			
Fort Brady	51.35	78.29	63.93	58.16	62.93	89	40	49	2	3 ^N	1	2	10	2 ^N	4	26 ^N	1	4	26 ^N	1	4	26 ^N	Fair.			
Hancock Bar'ks	56.29	77.93	67.74	63.00	66.24	93	40	53	5	1	4	1	16	2 ^N	1 ^N	18 ^N	2	4	18 ^N	2	4	18 ^N	Fair.			
Fort Mackinack	60.50	71.26	67.35	64.47	65.90	82	50	32	1	4 ^N	10 ^N	3	3	2 ^N	7	24 ^N	1	5	24 ^N	1	5	24 ^N	Fair.			
Fort Sullivan	56.38	68.74	61.93	58.58	61.41	81	48	33	1	3	1	1	2	5	3 ^N	16	13	2	16	13	2	16	Fair.			
Fort Snelling	58.87	76.35	70.25	66.32	67.69	89	46	43	6	2	1	2	10	8	3 ^N	20 ^N	7	3	20 ^N	7	3	20 ^N	Fair.			
Plattsburgh B'ks	63.19	76.83	70.83	64.83	68.92	85	57	28	4	6	1	4	8	3	3	25	2	3	25	2	3	25	Fair.			
Fort Winnebago	53.77	77.45	66.93	63.41	65.39	88	39	49	8	3 ^N	4	1	1	2	3	22	3	1	22	3	1	22	Fair.			
Madison Bar'ks	59.45	73.83	68.52	65.16	66.69	86	45	41	1	3	1	5	7	12	1	1	10	10	1	10	10	1	10	Fair.		
Fort Preble	59.51	68.12	63.12	61.29	63.01	80	47	33	2	3	2	7	4	9	1	1	12	12	1	12	12	1	12	Cl'dy.		
Fort Niagara	62.32	71.93	69.74	67.09	67.77	80	50	30	2	3	2	13	4	6	4	1	1	6	4	1	6	4	1	6	Cl'dy.	
Fort Crawford	64.61	77.77	73.64	68.51	71.13	89	50	39	1	4	1	2	2	15	2	1	1	15	2	1	1	1	1	15	Fair.	
Fort Constitution	61.67	72.38	67.29	64.87	66.55	83	53	30	1	3	1	3	10	3	3	1	3	3	1	3	3	1	3	3	Fair.	
Fort Atkinson	60.26	84.19	73.42	68.08	70.76	92	44	48	1	4	1	2	1	6	4	1	6	6	1	6	6	1	6	6	Fair.	
Buffalo Barracks	59.67	78.00	70.32	65.80	68.44	88	42	46	3	3	5	5	1	3	2	4	1	3	5	1	3	2	4	1	3	Fair.
Fort Gratiot	56.64	76.29	68.29	64.80	66.52	88	46	42	3	2	6	10	2	1	2	2	1	1	2	2	1	2	1	2	Fair.	
Watervliet Ar'nal	63.09	78.61	71.32	66.74	69.69	86	48	38	2	3	1	1	13	3	1	1	1	13	3	1	1	1	1	13	Fair.	
Detroit Barracks	57.41	78.25	69.09	64.12	67.21	93	44	49	3	3	5	3	1	3	1	1	3	1	3	1	3	1	3	1	3	Fair.
Dearbonville Ar'	53.27	82.15	70.22	63.26	67.45	92	42	50	1	1	1	1	10	4	1	1	10	4	1	1	1	1	10	4	1	Fair.

AUGUST—CONTINUED.

No. VIII.

PLACES of OBSERVATION.	THERMOMETER.				Rain, inches.	WINDS.										WEATHER.				
	Mean Temperature.					Range.	N.	N.W.	N.E.	E.	S.E.	S.	S.W.	W.	Prevaling.	Fair.	Cl'dy.	Rain.	Snow.	Prevaling.
	Sun- rise.	II. P. M.	Sun set.	IX. P. M.																
Fort Adams	65.60	78.09	72.96	69.74	71.59	84	3 1/2	2	4 1/2	12	3	1	3 1/2	1 1/2	E.	10	12	9	Cl'dy.	
West Point	64.61	74.32	72.64	70.54	70.52	83	9	-	1	-	21	-	-	-	S.	15	4 1/2	11 1/2	Cl'dy.	
Fort Columbus	70.48	75.32	74.64	71.22	72.91	82	-	10	7	3	5	3	3	1	S.W.	22	3	6	Fair.	
Alleghany Ar'nal	60.70	77.25	69.25	65.22	68.10	86	5 1/2	7 1/2	2 1/2	4 1/2	3 1/2	3 1/2	3 1/2	1 1/2	N.W.	18	2 1/2	10	Fair.	
Carlisle Barracks	61.54	78.12	69.54	66.12	68.83	86	-	5 1/2	1 1/2	9	3	4	4 1/2	7	E.	20	4	4 1/2	Fair.	
Fl. Leavenworth	64.23	78.70	73.06	68.58	71.15	88	6.06	1	3	1 1/2	5	3	4 1/2	1 1/2	E.	22 1/2	2 1/2	4	Fair.	
Fort McHenry	68.35	77.12	74.96	73.25	73.42	86	4.40	2	2 1/2	6	3	1	3 1/2	6	N.W.	24 1/2	3 1/2	5	Fair.	
Jefferson Bar'ks	61.87	79.54	74.61	71.16	71.79	92	1.90	6	3 1/2	10 1/2	7 1/2	16	5 1/2	1 1/2	N.E.	19	4	8	Fair.	
Fort Monroe	73.03	79.61	75.99	74.35	75.72	92	8.30	-	-	1	1	2	3 1/2	6 1/2	N.E.	24	1	6	Fair.	
Fort Gibson	67.90	84.80	77.83	71.83	75.06	92	3.65	-	-	1	1	2	3 1/2	5 1/2	S.	15	11	5	Cl'dy.	
Fort Smith	63.77	87.90	75.83	70.77	74.56	96	2.63	-	-	1	1	2	3 1/2	6 1/2	S.E.	19 1/2	5 1/2	6	Fair.	
Fort Towson	67.09	89.48	83.03	74.87	78.61	98	4.00	1 1/2	10	2	10 1/2	4	4	-	N.W.	20 1/2	3 1/2	5	Fair.	
Augusta Arsenal	67.48	85.22	75.22	71.80	74.93	95	56.42	1 1/2	13	6	3	5 1/2	7 1/2	6 1/2	E.	20	3 1/2	7 1/2	Fair.	
Fort Moultrie	68.32	78.09	72.29	65.90	71.15	85	59.26	1	1 1/2	3 1/2	7	3	5 1/2	1	S.	16	8	7	Fair.	
Fort Jessup	65.90	89.35	81.48	74.90	78.65	98	3.17	4	2	2	6	7	4 1/2	4	S.E.	20	3 1/2	7	Fair.	
N. Orleans Bay'ks	77.90	83.01	80.06	78.64	79.58	87	7.40	1	2	6	3 1/2	8	2 1/2	4	N.E.	12	11	8	Cl'dy.	
Fort Marion	74.35	81.29	72.25	77.64	78.38	85	72.13	1	-	10 1/2	4 1/2	4	4	2	S.W.	25 1/2	5 1/2	8 1/2	Fair.	
Cedar Keys	68.93	82.25	78.25	77.22	76.66	86	63.23	2	-	4	5	3 1/2	2	-	N.E.	15	8 1/2	7 1/2	Cl'dy.	
Fort King	70.93	84.87	75.13	69.93	75.21	94	55.39	4 1/2	-	11	8	9	2	-	E.	18 1/2	4	-	Fair.	
Fort Brooke	73.96	85.54	79.48	77.09	79.01	86	72.14	-	-	-	17	8	-	-	-	-	-	-	-	

SEPTEMBER.

No. IX.

OBSERVATION.	THERMOMETER.				Rain, Inches.	WINDS.							WEATHER.						
	Mean Temperature.					Range.	N. W.	N. E.	E.	S. E.	S.	S. W.	W.	Days	Fair.	Cl'dy.	Rain.	Snow.	Prevailing.
	Sun. rise.	II. P. M.	Sun. set.	IX. P. M.															
Fort Kent	42.33	60.66	52.23	46.10	50.33	80	26	54						11	13	5			Cl'dy.
Fort Fairfield	41.23	61.33	53.19	47.23	50.73	78	26	52						14	3	12			Cl'dy.
Fort Brady	44.63	60.03	51.96	47.86	51.12	76	31	45						9	2	11			Fair.
Hancock Bar'ks	43.96	61.46	55.13	59.73	52.82	79	27	52						8	4	4			Fair.
Fort Mackinack	52.43	59.93	56.80	54.53	55.90	70	35	35								15			Equal
Fort Sullivan	52.30	62.03	56.26	52.06	54.91	76	40	36								18	10	1	Fair.
Fort Snelling	49.96	65.66	61.03	56.06	58.17	86	35	51								16	4	9	Fair.
Plattsburgh B'ks	50.80	65.60	59.03	51.83	56.81	78	30	48								20	3	6	Fair.
Fort Winnebago	48.10	67.53	59.76	55.16	57.63	80	30	50								12	11	6	Fair.
Madison Bar'ks	51.20	62.30	57.40	54.30	56.30	86	32	54								9	10	10	Cl'dy.
Fort Preble	50.00	62.80	57.26	53.50	55.89	75	32	43								4	5		Fair.
Fort Niagara	55.80	66.20	64.40	58.73	60.78	84	40	44								17	6	7	Fair.
Fort Crawford	54.30	70.90	65.76	60.00	62.74	86	37	49								6	3	5	Fair.
Fort Constitution	52.40	65.06	60.76	57.33	58.88	84	37	47								22	3	3	Fair.
Fort Atkinson	55.93	79.43	67.03	62.10	65.96	92	39	53								22	1	1	Fair.
Buffalo Barracks	51.13	69.60	59.80	56.43	59.24	84	36	48								17	1	11	Fair.
Fort Gratiot	48.43	68.06	60.23	56.20	58.23	89	35	44								22	2	2	Fair.
Wauvelet Ar'nal	51.93	68.23	59.23	55.56	58.10	79	35	44								19	5	5	Fair.
Detroit Barracks	51.93	72.56	62.56	57.26	61.00	91	33	58								19	2	2	Fair.
Dearbonville A1	49.04	75.56	64.12	56.52	61.30	93	32	61								22	4	3	Fair.

SEPTEMBER—CONTINUED.

PLACES	THERMOMETER.					Lowest degree.	Highest degree.	Range.	Rain, inches.	WINDS.										WEATHER.									
	Mean Temperature.		Sun.		IX.					N.		N. E.		E.		S. E.		S.		S. W.		W.		Prevalling.		Fair, Cloudy.		Rain, Snow.	
OBSERVATION	rise.	P. M.	set.	P. M.	P. M.	Aggregate.	Aggregate.	Aggregate.	Aggregate.	Days.	Days.	Days.	Days.	Days.	Days.	Days.	Days.	Days.	Days.	Days.	Days.	Days.	Days.	Days.	Days.	Days.	Days.	Days.	Days.
Fort Adams	57.00	69.70	65.60	60.23	63.13	82	37	45	2.97	2	8	2	5	1	5	3	1	1	3	1	2	18	1	10					Fair.
West Point	56.76	67.56	66.23	64.76	63.82	82	39	43	5.60	16	4	2	2	7	4	2	2	2	4	5	19	3	7					Fair.	
Fort Columbus	60.76	70.00	71.06	66.86	67.14	85	42	43	2.10	6	5	2	3	2	3	2	3	2	4	5	22	2	5					Fair.	
Alleghany Arsenal	57.40	73.70	65.00	61.56	64.56	88	40	48	2.20	4	8	2	2	1	3	7	1	4	3	7	20	2	9					Fair.	
Carlisle Barracks	54.20	72.60	64.40	59.20	62.60	90	32	58	-	1	1	7	6	4	2	2	4	4	2	2	14	2	7					Fair.	
Ft. Leavenworth	58.93	74.56	68.90	64.20	66.64	90	40	50	1.02	1	2	4	6	1	2	2	6	1	2	2	6	23	5	1					Fair.
Fort McHenry	62.06	72.90	68.96	68.40	68.08	90	35	55	1.00	10	3	2	7	2	1	3	3	3	2	2	10	23	3	4					Fair.
Jefferson Barr'ks	62.90	77.73	73.13	71.20	71.24	94	42	52	.66	6	5	9	1	7	2	4	2	1	3	1	3	28	2	2					Fair.
Fort Monroe	70.26	78.76	75.35	73.20	74.58	95	52	41	1.50	1	3	5	1	8	1	2	4	2	1	1	2	27	1	2					Fair.
Fort Gibson	65.46	85.10	77.93	76.63	74.56	95	45	52	.60	1	2	2	4	13	3	1	1	1	1	1	2	27	1	2					Fair.
Fort Smith	61.66	85.66	74.80	67.86	72.49	101	40	61	1.62	2	2	3	3	2	3	3	3	3	3	3	16	11	8					Fair.	
Fort Towson	65.86	87.26	81.06	72.43	76.60	99	50	49	4.00	2	7	2	4	10	1	2	5	5	2	2	10	16	5	5					Fair.
Augusta Arsenal	66.20	83.60	75.50	71.76	74.56	94	54	40	4.00	3	7	3	2	5	3	3	3	3	3	2	11	11	8					Fair.	
Fort Moultrie	73.30	78.46	76.96	76.00	76.18	84	63	21	-	3	3	1	5	3	3	3	3	3	3	3	11	10	9					Cloudy.	
Fort Jesup	70.40	82.86	78.69	75.86	76.93	98	56	42	4.41	5	1	8	6	1	2	2	2	2	2	2	12	21	9					Cloudy.	
N. Orleans Barr'ks	76.93	80.90	78.86	77.86	78.63	89	72	17	4.80	1	8	6	1	6	1	6	6	6	6	6	12	21	9					Fair.	
Fort Marion	74.30	80.90	79.10	78.16	78.11	86	68	18	-	1	1	10	4	1	4	4	4	4	4	4	10	20	3	6					Fair.
Cedar Keys	76.30	85.30	81.00	78.73	80.16	90	70	0	4.69	1	1	1	1	1	1	1	1	1	1	1	10	1	3					Fair.	
Fort King	70.73	91.96	80.23	75.33	79.56	96	64	32	-	3	3	-	-	12	1	3	3	3	3	3	12	23	3	2					Fair.
Fort Brooke	72.73	86.23	80.70	76.00	78.91	88	67	21	4.00	-	2	2	20	5	2	2	2	2	2	2	5	23	4					Fair.	

OCTOBER.

No. X.

PLACES OF	THERMOMETER.					Rain, Inches.	WINDS.								WEATHER.												
	Mean Temperature.						Range.	Highest degree.	Lowest degree.	N.	N.W.	N.E.	E.	S.E.	S.	S.W.	W.	Prevailing.	Fair.	Cl'dy.	Rain.	Snow.	Days	Days	Days	Days	Prevailing.
	Sun.		IX.		P.M.																						
	rise.	II. P.M.	Sun. set.	P.M.																							
Fort Kent	35.74	48.25	43.03	37.03	41.01	63	21	42	8	1	1	1	1	7	6	1	N.W.	17½	5	17½	5	1	17½	5	1	Cl'dy.	
Fort Fairfield	35.32	50.41	43.80	37.03	41.70	68	18	50	7	2	2	2	2	7	13	6	S.W.	17	10	17	10	1	17	10	1	Fair.	
Fort Brady	38.41	48.74	44.29	41.25	43.17	63	24	39	3	2	2	2	2	2	5	4	S.	13	10	13	10	1	13	10	1	Cl'dy.	
Hancock Bar's	37.41	50.54	46.19	41.80	43.98	67	19	48	9	1	1	1	1	3	12	1	S.	18	8	18	8	1	18	8	1	Fair.	
Fort Mackinack	44.28	50.58	48.48	46.16	47.38	63	34	29	2	3	3	3	3	5	2	4	W.	14	6	14	6	1	14	6	1	Cl'dy.	
Fort Sullivan	42.22	53.70	48.00	45.45	47.34	62	30	32	2	7	7	7	7	5	3	2	S.W.	19½	2	19½	2	1	19½	2	1	Fair.	
Fort Snelling	38.67	58.41	53.90	46.25	49.29	76	22	54	2	1	1	1	1	3	8	3	S.W.	23	8	23	8	1	23	8	1	Fair.	
Piattsburgh B's	36.93	53.93	47.93	41.64	45.53	68	27	41	4	1	1	1	1	3	8	5	S.	25	2	25	2	1	25	2	1	Fair.	
Fort Winnebago	42.48	52.80	49.77	46.61	47.91	72	28	44	10	1	1	1	1	6	1	7	N.W.	23	3	23	3	1	23	3	1	Fair.	
Madison Barracks	42.48	52.80	49.77	46.61	47.91	72	28	44	4	1	1	1	1	3	5	4	N.W.	23	3	23	3	1	23	3	1	Fair.	
Fort Preble	41.41	55.41	49.00	45.45	47.81	67	32	35	4	1	1	1	1	3	6	6	S.	14½	2½	14½	2½	1	14½	2½	1	Cl'dy.	
Fort Niagara	46.61	56.19	53.38	49.87	51.51	71	34	37	1	1	1	1	1	5	10	2	N.W.	26	4	26	4	1	26	4	1	Fair.	
Fort Crawford	40.48	62.19	57.09	53.83	53.39	77	25	52	1	1	1	1	1	4	7	10	N.W.	24½	3	24½	3	1	24½	3	1	Fair.	
Fort Constitution	43.25	57.48	52.67	48.74	50.54	71	33	38	13	1	1	1	1	4	7	10	W.	23½	5	23½	5	1	23½	5	1	Fair.	
Fort Atkinson	44.61	69.06	58.67	51.93	55.91	84	26	58	1	1	1	1	1	2	7	7	S.W.	20½	5	20½	5	1	20½	5	1	Fair.	
Buffalo Barracks	41.29	54.77	49.16	46.25	48.86	70	36	34	2	2	2	2	2	11	1	12	S.W.	25½	5	25½	5	1	25½	5	1	Fair.	
Fort Gratiot	41.90	59.09	52.19	47.22	50.10	73	29	44	3	2	2	2	2	11	1	12	W.	27	1	27	1	1	27	1	1	Fair.	
Watervliet Ar'nal	37.83	56.87	48.12	42.71	46.38	74	32	42	1	1	1	1	1	3	2	3	E.	18	10	18	10	1	18	10	1	Fair.	
Detroit Barracks	41.22	62.03	53.80	47.51	51.14	78	28	50	7	3	3	3	3	3	2	3	W.	23	3	23	3	1	23	3	1	Fair.	
Dearbonville Ar'	37.16	64.16	53.22	46.22	50.08	78	31	47	2	2	2	2	2	3	3	3	W.	23	4	23	4	1	23	4	1	Fair.	

OCTOBER—CONTINUED.

No. X.

PLACES or OBSERVATION.	THERMOMETER.				Rain, Inches.	WINDS.								WEATHER.				
	Mean Temperature.		IX. P. M.	Aggregate Temperature.		Highest degree.	Lowest degree.	Range.	N. W.	N. E.	S. E.	S. W.	W.	Prevailing.	Fair.	Cldy.	Rain.	Snow.
	Sun. rise.	II. P. M.																
Fort Adams	48.12	58.51	53.38	49.06	52.24	70	35	35	1	3	1	1	1	23 ¹ / ₂	3 ¹ / ₂	4	Fair.	
West Point	45.16	62.00	61.16	59.87	57.04	68	35	33	3	3	4	2	2	22 ¹ / ₂	3 ¹ / ₂	4	Fair.	
Fort Columbus	45.29	56.51	55.00	50.12	51.73	68	36	32	4	4	2	4	2	19	5	7	Fair.	
Alleghany Ar'nal	41.61	60.54	51.25	45.61	49.75	70	26	44	4	4	2	4	2	19	2	2	Fair.	
Carlisle Barracks	38.35	60.45	50.06	45.39	48.56	78	26	52	1	1	1	1	1	28	2	2	Fair.	
Ft. Leavenworth	43.96	68.64	63.67	55.83	58.02	80	30	50	4	4	2	3	1	27	3	2	Fair.	
Fort McHenry	45.87	61.51	56.51	53.83	54.43	76	34	52	3	3	4	2	3	24 ¹ / ₂	2	4	Fair.	
Jefferson Bar'ks.	48.45	68.41	64.09	57.61	59.64	82	32	40	3	3	1	1	1	27	3	4	Fair.	
Fort Monroe	58.80	65.67	63.22	61.87	62.39	78	48	30	1	2	4	2	4	24 ¹ / ₂	2	4	Fair.	
Fort Gibson	49.64	74.06	66.03	58.25	60.67	89	35	54	1	3	2	2	2	23	3	4	Fair.	
Fort Smith	43.90	72.03	62.54	52.54	57.75	84	30	54	1	2	2	2	2	24 ¹ / ₂	2	4	Fair.	
Fort Towson	48.16	74.70	69.77	59.70	63.06	85	32	53	1	2	2	2	2	24 ¹ / ₂	3	3	Fair.	
Augusta Arsenal	51.22	68.48	62.58	57.42	60.42	84	38	46	1	2	2	2	2	24 ¹ / ₂	3	3	Fair.	
Fort Moultrie	61.74	69.68	68.38	65.74	66.28	80	45	35	3	3	1	1	1	19	2	2	Fair.	
Fort Jesup	52.90	77.48	69.87	58.93	64.79	90	36	54	7	7	2	2	2	25	4	4	Cldy.	
N. Orleans Bar'ks	63.51	76.12	69.80	66.67	69.03	82	47	35	4	4	2	2	2	10	4	4	Cldy.	
Fort Marion	65.58	73.70	70.93	68.96	69.79	79	56	23	3	3	2	2	2	12	4	4	Fair.	
Cedar Keys	66.54	75.23	73.09	69.41	71.07	82	55	27	6	6	2	2	2	16	4	4	Fair.	
Fort King	60.70	70.54	72.96	66.80	67.75	90	48	42	1	1	1	1	1	23	2	2	Fair.	
Fort Brooke	62.96	79.19	76.41	68.64	71.80	88	50	38	1	1	1	1	1	27	2	2	Fair.	

NOVEMBER.

No. XI.

PLACES or OBSERVATION.	THERMOMETER.					Rain, Inches.	WINDS.						WEATHER.					
	Mean Temperature.						Range.	N. N.W. N.E. E. S. E. S. S.W. W.	Days	Days	Days	Days	Fair.	Ch'dy.	Rain.	Snow.	Days	Prevaling.
	Aggregate																	
	Sun. rise.	II. P.M.	Sun. set.	IX. P.M.	Mean													
Fort Kent	25	83	33	86	30	66	28	36	29	13	44	3	41	5 ¹ / ₂	14 ¹ / ₂	1 ¹ / ₂	8 ¹ / ₂	Cl'dy.
Fort Fairfield	26	90	36	96	32	06	26	30	30	55	46	10	36	15	1	3	11	Equal.
Fort Brady	24	73	32	93	30	40	28	23	29	07	54	3	57	7	10 ¹ / ₂	4	7 ¹ / ₂	Cl'dy.
Hancock Bar's	27	50	36	66	32	23	29	20	31	39	47	6	41	19	4	1 ¹ / ₂	4 ¹ / ₂	Fair.
Fort Mackinack	30	46	34	83	32	69	31	96	32	50	52	10	42	5	4	8	16	Cl'dy.
Fort Sullivan	29	66	42	23	38	00	34	16	36	10	52	17	84	13	10 ¹ / ₂	3 ¹ / ₂	2 ¹ / ₂	Cl'dy.
Fort Snelling	19	00	27	13	24	70	22	20	24	60	67	18	34	11	9	4	6	Cl'dy.
Plattsburgh B's	30	00	33	10	34	33	31	43	33	86	52	14	38	19	6	3	2	Fair.
Fort Winnebago	22	56	31	56	37	80	25	13	26	76	64	13	77	2	5 ¹ / ₂	5	13	Cl'dy.
Madison Bar's	30	96	37	86	35	43	33	33	34	39	54	9	45	6	5 ¹ / ₂	2	9	Cl'dy.
Fort Preble	31	76	40	16	36	03	33	06	35	26	51	16	35	2	1 ¹ / ₂	7	4	Fair.
Fort Niagara	33	03	38	73	36	33	34	43	35	75	55	15	40	17	7 ¹ / ₂	7	1	Fair.
Fort Crawford	25	16	32	73	30	66	28	03	29	14	62	12	74	4	10 ¹ / ₂	4	5	Cl'dy.
Fort Constitution	34	33	43	20	40	50	37	66	38	91	60	19	41	12	6	3	8	Cl'dy.
Fort Atkinson	25	46	41	66	31	66	28	36	31	80	78	9	87	19	7	2	4	Fair.
Buffalo Barracks	30	73	39	80	35	93	33	96	35	10	60	14	68	2	4	5	5	Cl'dy.
Fort Gratiot	29	23	39	96	36	60	33	06	34	71	69	1	68	10	11	3	2	Fair.
Watervliet Ar'nal	28	30	41	60	36	13	32	80	34	70	55	10	45	24	2	2	10	Fair.
Detroit Barracks	29	86	40	56	36	50	33	66	34	93	68	6	62	5	19 ¹ / ₂	2	3	Cl'dy.
Dearbonville Ar'nal	25	00	40	01	36	11	33	19	34	14	70	-	70	6	15 ¹ / ₂	3	5	Cl'dy.

DECEMBER—CONTINUED.

No. XII.

PLACES OF OBSERVATION.	THERMOMETER.							WINDS.							WEATHER.																							
	Mean Temperature.				Rain, Inches.	Lowest degree.	Highest degree.	Mean Aggregate	N. W.	N. E.	E. S. E.	S.	S. W.	W.	Prevailing.	Fair.	Cl'dy.	Rain.	Snow.	Days.	Days.	Prevailing.																
	Sun- rise.	II. P. M.	Sun- set.	IX. P. M.																			Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days
Fort Adams	28.77	33.16	31.51	30.25	30.92	52	9	43	5.43	4	11	3 $\frac{1}{2}$	2	1	1	1	1	1	10	12 $\frac{1}{2}$	3 $\frac{1}{2}$	5	Cl'dy.															
West Point	26.12	36.29	32.16	30.70	31.31	48	10	38	4.40	8	13 $\frac{1}{2}$	2 $\frac{1}{2}$	1	1	1	1	1	1	12 $\frac{1}{2}$	14 $\frac{1}{2}$	1	3	Cl'dy.															
Fort Columbus	30.06	33.61	33.54	31.29	32.12	44	18	26	3.50	2	15	6	2	1	1	1	1	2	16	11	1	3	Fair.															
Alleghany Ar'nal	27.90	34.00	32.12	30.03	31.01	50	4	46	3.79	3	6 $\frac{1}{2}$	2	5	1	1	1	1	4	8	16	6	1	Cl'dy.															
Carlisle Barracks	24.54	34.39	30.09	27.35	29.09	42	4	38	-	7	7	1	4	1	8	1	1	1	9	18	2	2	Cl'dy.															
Ft. Leavenworth	20.03	30.29	28.29	24.09	25.67	40	0	40	1.10	3	11	2 $\frac{1}{2}$	1	3	3	2	1	2	5	13	2	2 $\frac{1}{2}$	Cl'dy.															
Fort McHenry	27.22	37.90	33.83	31.80	32.68	49	10	39	3.35	2	10	4	1	1	1	2	1	2	7 $\frac{1}{2}$	8	3	1	Fair.															
Jefferson Bar'ks	29.77	39.19	36.12	32.45	34.38	60	6	54	1.77	3	3	3	5	1	1	1	1	1	14	9	3	4	Cl'dy.															
Fort Monroe	35.25	42.48	39.48	36.77	38.40	62	17	45	3.60	1	6	12 $\frac{1}{2}$	1	3	3	2	1	3	19	6	5	2	Fair.															
Fort Gibson	33.96	49.70	43.70	38.29	41.12	74	21	53	2.60	4	8	1	1	1	1	1	1	1	23	3	5	4	Fair.															
Fort Smith	30.41	46.19	41.35	35.41	38.34	71	9	62	2.36	1	7	1	6	1	1	1	1	2	19	6	4	2	Fair.															
Fort Towson	36.03	52.00	45.41	40.41	43.22	70	12	58	5.85	1	4	2	2	2	2	1	1	1	7	27	3	5	Fair.															
Augusta Arsenal	38.22	52.29	47.03	40.35	44.47	75	18	57	-	1	4	5	1	1	1	1	1	1	15	11	4	4	Fair.															
Fort Moultrie	45.00	51.90	51.64	48.80	49.33	64	29	35	3.45	5	1	7	3	1	4	1	1	1	16	8	6	6	Fair.															
Fort Jessup	41.12	54.63	48.77	43.61	47.02	78	20	58	3.71	7	3	3	3	3	7	2	1	1	22	4	4	4	Fair.															
N. Orleans Bar'ks	45.45	60.41	55.25	52.12	53.29	79	31	48	1.70	10	5	3	3	1	2	1	1	1	4	21	4	5	Cl'dy.															
Fort Marion	48.80	61.64	57.61	53.41	55.36	82	34	48	2.90	12	1	1	1	1	1	1	1	1	22	6	4	4	Fair.															
Cedar Keys	53.74	60.45	59.77	58.96	58.23	72	34	38	2.90	11	11	10	1	2	3	1	1	1	20	5	3	1	Fair.															
Fort King	44.70	67.68	63.03	50.87	58.56	88	27	61	1.63	10	2	2	1	1	1	1	1	1	17	12	1	1	Fair.															
Fort Brooke	51.70	69.09	63.64	59.25	61.42	86	32	54	1.63	10	2	2	1	1	1	1	1	1	26	3	1	1	Fair.															

MEAN OF OBSER

PLACES OF OBSERVATION.	THERMOMETER.										Highest degree.	Lowest degree.
	Mean Temperature.											
	Year.	Winter.	Spring.	Summer.	Autumn.	Sunrise.	2 P. M.	Sunset.	9 P. M.			
Fort Kent	37.30	12.02	35.20	61.86	40.15	29.61	46.98	39.73	33.87	98	-33	
Fort Fairfield	38.86	14.01	37.01	63.44	40.99	30.63	47.68	40.99	35.87	98	-24	
Fort Brady	38.82	19.48	37.40	57.30	41.12	32.01	47.58	39.61	36.53	91	-17	
Hancock Barracks	40.67	16.97	39.41	63.59	42.73	32.90	48.70	42.53	38.58	96	-18	
Fort Mackinack	42.47	25.03	39.88	59.71	45.26	38.75	46.15	43.43	41.50	82	-8	
Fort Sullivan	42.63	24.93	40.09	59.41	46.11	37.52	49.08	43.41	40.24	85	-7	
Fort Snelling	43.29	18.45	46.94	63.75	44.02	34.68	50.51	46.32	41.62	91	-22	
Plattsburgh Barracks	43.80	21.75	42.52	65.55	45.40	38.96	49.46	46.47	40.34	85	-16	
Fort Winnebago	43.79	20.26	47.72	63.10	44.09	35.10	52.51	45.92	41.66	92	-21	
Madison Barracks	45.30	26.62	44.26	64.15	46.20	40.43	50.49	46.64	43.69	90	-5	
Fort Preble	44.43	26.75	42.08	62.56	46.32	39.77	50.23	45.28	42.42	94	-4	
Fort Niagara	47.54	23.81	45.37	65.66	49.34	43.31	51.13	48.91	46.38	85	-9	
Fort Crawford	48.46	20.83	53.75	70.84	48.42	40.18	56.20	51.42	46.07	95	-22	
Fort Constitution	48.64	29.12	44.78	64.57	56.11	41.37	52.84	48.22	44.66	90	-2	
Fort Atkinson	47.43	19.33	51.45	67.73	51.22	38.62	57.16	49.75	44.60	93	-22	
Buffalo Barracks	47.26	28.63	46.37	66.33	47.73	41.74	54.06	48.35	44.57	88	-6	
Fort Gratiot	46.59	29.21	46.23	63.25	47.68	40.26	53.57	47.63	44.59	93	-1	
Watervliet Arsenal	49.23	29.93	51.00	69.60	46.39	42.61	56.96	50.49	47.09	92	-2	
Detroit Barracks	48.57	31.23	49.39	64.65	49.02	40.77	56.97	50.06	45.85	94	-4	
Dearbornville Arl	49.21	30.73	51.43	66.21	48.50	39.81	58.79	51.45	46.43	100	-8	
Fort Adams	50.23	32.90	47.15	69.76	51.14	46.48	55.80	51.14	47.56	88	-9	
West Point	53.54	35.34	53.38	70.79	54.68	46.75	58.05	55.66	53.71	87	-8	
Fort Columbus	53.00	36.32	51.52	71.49	52.69	48.31	55.27	54.61	51.99	85	-16	
Alleghany Arsenal	50.97	33.68	52.53	67.80	49.88	43.96	59.15	52.33	48.48	92	-4	
Carlisle Barracks	50.11	31.29	51.33	69.41	48.43	42.48	58.53	51.56	47.91	94	-4	
Fort Leavenworth	53.48	32.08	58.98	70.50	52.39	44.73	60.78	56.82	51.65	90	-0	
Fort McHenry	54.02	35.74	53.93	72.59	53.81	47.29	59.82	55.64	53.25	92	-10	
Jefferson Barracks	57.11	36.70	62.88	72.69	56.13	49.54	63.77	59.46	55.74	94	-0	
Fort Monroe	60.23	43.53	62.31	74.77	60.34	56.73	64.73	61.32	59.43	92	-17	
Fort Gibson	61.24	44.53	65.49	75.34	59.63	53.37	70.86	64.75	58.49	93	-10	
Fort Smith	59.90	42.03	64.89	75.51	57.20	49.22	71.71	62.43	56.45	101	-6	
Fort Towson	64.23	46.65	68.85	79.44	61.97	53.69	73.24	67.68	61.33	98	-12	
Augusta Arsenal	63.14	48.17	67.59	76.25	60.55	54.82	72.09	64.87	60.59	99	-18	
Fort Moultrie	65.01	51.99	67.31	75.40	65.33	60.91	69.55	65.96	63.62	96	-24	
Fort Jesup	67.10	52.10	72.02	80.13	64.15	58.37	76.82	70.09	63.14	98	-20	
N. Orleans Barracks	68.47	56.15	72.03	80.13	65.57	63.80	74.35	70.98	68.24	88	-31	
Fort Marion	68.71	58.62	68.84	77.12	70.26	63.05	73.76	68.81	67.05	96	-34	
Cedar Keys	69.18	58.59	70.05	76.74	71.39	64.46	73.46	70.33	68.59	86	-34	
Fort King	68.89	58.15	71.97	75.61	69.86	59.51	80.00	71.85	64.23	98	-26	
Fort Brooke	72.12	62.94	74.83	79.01	71.72	65.48	78.49	74.37	70.18	90	-32	

VARIATIONS FOR 1842.

Range for the year.	Mean monthly range.	Rain, Inches.	WINDS.										WEATHER.			
			N.	N.W.	N.E.	E.	S.E.	S.	S.W.	W.	Prevailing.	Fair.	Cloudy.	Rain.	Snow.	
			Days.	Days.	Days.	Days.	Days.	Days.	Days.	Days.	Days.	Days.	Days.	Days.	Days.	Days.
131	57.08	-	89	66	10	23	21	45	37	73	N.	145	166	30	23	Cl'dy.
122	56.33	-	19	61	11	4	9	54	128	77	S.W.	220	28	59	58	Fair.
108	53.66	26.40	51	42	36	39	76	35	35	46	S.	183	77	59	45	Cl'dy.
114	54.25	37.60	101	24	22	21	145	25	15	15	S.	231	70	40	23	Fair.
90	37.66	-	46	55	27	75	30	18	22	90	S.	199	52	79	34	Fair.
92	42.33	40.65	7	47	12	22	75	47	115	36	S.W.	197	122	30	14	Fair.
113	57.50	25.17	30	33	64	27	34	43	73	61	S.W.	228	76	42	19	Fair.
101	46.25	29.02	52	40	40	12	35	78	60	27	S.	234	70	43	17	Fair.
113	57.16	24.51	127	32	25	26	15	32	13	43	N.	213	54	63	34	Fair.
95	46.58	37.31	12	100	50	32	45	64	83	6	N.W.	89	134	99	42	Cl'dy.
98	42.83	36.64	29	6	45	27	50	43	42	94	N.E.	214	88	49	13	Fair.
76	39.75	50.49	6	64	115	6	4	27	37	104	N.W.	215	63	70	16	Fair.
117	56.08	38.34	32	72	7	11	27	118	50	45	S.	232	62	54	16	Fair.
88	45.16	33.79	23	9	40	14	6	75	50	59	N.W.	222	100	31	11	Fair.
115	60.08	-	20	61	21	45	22	38	51	105	W.	220	63	59	24	Fair.
82	41.00	-	34	22	20	39	20	50	124	54	S.W.	184	81	72	27	Fair.
92	51.83	39.62	14	63	99	1	12	13	149	12	S.W.	242	18	68	36	Fair.
90	46.00	-	44	55	12	3	12	137	13	87	S.	228	81	39	16	Fair.
90	53.25	31.84	26	48	45	72	12	53	46	61	E.	202	109	45	8	Fair.
108	56.08	21.61	27	19	7	25	6	97	36	146	W.	212	98	52	12	Fair.
79	37.00	60.79	22	42	46	49	42	39	71	52	S.W.	211	50	92	12	Fair.
79	40.16	50.62	101	67	39	4	12	102	27	13	S.	224	70	61	9	Fair.
69	32.58	32.98	20	98	53	21	43	22	59	48	N.W.	225	58	74	8	Fair.
88	48.91	41.54	48	82	25	34	17	35	45	76	N.W.	184	70	98	13	Fair.
90	47.58	-	25	34	26	63	28	42	14	131	W.	225	99	33	7	Fair.
90	49.25	26.29	12	80	39	39	83	45	47	19	S.E.	248	66	39	11	Fair.
82	42.50	35.18	22	85	56	12	47	21	53	67	N.W.	265	56	39	3	Fair.
94	50.08	29.18	44	32	27	25	39	67	51	78	W.	220	61	70	13	Fair.
75	34.91	67.06	9	38	120	27	55	19	74	20	N.E.	263	32	69	1	Fair.
83	48.25	29.11	18	27	14	28	73	124	56	23	S.	264	46	53	2	Fair.
95	55.41	38.79	13	58	85	14	45	54	63	30	N.E.	193	119	52	-	Fair.
86	49.33	73.36	13	56	50	38	78	31	62	35	S.E.	259	44	61	-	Fair.
81	45.16	-	40	72	46	12	25	31	122	15	S.W.	242	58	65	-	Fair.
72	33.16	-	37	43	58	51	34	21	65	55	S.W.	188	134	42	-	Fair.
78	50.16	42.27	70	30	31	23	37	122	37	13	S.	202	91	70	-	Fair.
57	31.16	45.60	63	57	49	40	43	38	31	43	N.	37	241	86	-	Cl'dy.
62	31.75	-	49	15	94	45	50	33	51	26	N.E.	190	95	79	-	Fair.
52	26.75	44.20	19	45	75	33	51	29	85	26	S.W.	286	46	32	-	Fair.
72	46.33	-	42	14	65	27	38	67	81	29	S.W.	216	99	49	-	Fair.
58	30.66	45.96	27	9	30	113	30	69	26	59	E.	274	36	54	-	Fair.

PLACES OF OBSERVATION.	THERMOMETER.								WINDS.			
	No. of years of observation.	Mean annual temperature.	Average Mean Temperature of the				Highest degree.	Lowest degree.	Range.	Mean annual range.	N.	N. W.
			Winter.	Spring.	Summer.	Autumn.					Days.	Days.
Fort Kent	1	37.30	12.02	35.20	61.86	40.15	98	-33	131	131.00	89.00	66.00
Fort Fairfield	1	38.86	14.01	37.01	63.44	40.99	98	-24	122	122.00	19.50	61.00
Fort Brady	12	39.82	17.64	37.39	61.79	42.47	98	-30	128	114.39	36.37	86.12
Hancock Barracks	12	40.71	16.49	38.95	63.70	43.73	99	-26	125	112.08	60.92	53.46
Fort Mackinack	7	40.37	20.08	36.69	61.33	43.39	90	-23	113	97.57	31.50	73.35
Rouse's Point	1	43.85	21.26	42.76	64.77	46.63	83	-18	101	42.10	43.00	56.00
Fort Sullivan	7	42.78	23.49	40.88	59.56	47.25	92	-14	106	96.85	30.92	51.35
Fort Snelling	12	44.54	18.52	46.16	69.68	44.64	100	-40	147	121.33	44.66	65.00
Plattsburgh Barracks	2	44.32	20.60	43.62	67.55	45.24	100	-24	124	112.50	47.75	80.75
Fort Howard	9	44.33	20.53	43.66	67.71	45.45	99	-30	129	116.11	68.22	27.11
Fort Winnebago	10	43.53	18.78	44.35	66.94	44.07	104	-29	133	120.00	86.10	59.75
Madison Barracks	2	47.12	23.34	46.90	68.25	50.03	90	-16	106	99.50	20.25	87.00
Fort Preble	6	45.16	24.18	42.82	65.70	48.11	96	-14	110	100.66	33.58	42.00
Fort Niagara	4	49.56	29.46	48.26	68.88	51.65	94	0	94	85.75	26.50	63.25
Fort Crawford	12	47.57	21.08	49.35	72.54	48.63	100	-32	132	119.50	52.50	70.22
Fort Constitution	10	45.28	26.05	42.77	63.23	49.10	92	-10	102	92.20	23.40	78.50
Fort Atkinson	1	47.43	19.83	51.45	67.73	51.22	93	-22	115	115.00	20.50	61.50
Buffalo Barracks	2	45.76	27.20	41.79	65.89	48.17	92	-2	94	88.00	34.50	26.75
Fort Gratiot	9	46.96	25.77	43.22	67.44	48.02	96	-18	114	102.88	39.11	55.05
Watervliet Arsenal	11	47.42	23.88	45.65	70.75	50.01	95	-32	127	108.54	39.00	75.54
Fort Independence	4	48.12	26.83	45.96	67.87	51.83	96	-7	103	96.75	8.00	105.25
Watertown Arsenal	4	47.58	26.75	45.35	68.39	49.84	97	-12	109	102.50	24.62	56.00
Detroit Barracks	3	47.36	28.69	46.32	66.44	47.98	94	-5	99	95.00	37.50	27.00
Fort Dearborn	4	46.18	25.56	45.06	66.06	47.16	94	-22	116	109.00	83.00	36.75
Dearbornville Arsenal	1	49.21	30.73	51.43	66.21	48.50	100	-8	108	108.00	27.00	19.50
Fort Wellcott	5	48.30	29.51	44.87	66.41	52.43	92	-6	98	85.80	15.40	88.00
Fort Armstrong	4	48.35	22.66	49.82	70.77	50.16	96	-94	120	111.50	28.75	47.75
Fort Adams	1	50.23	32.90	47.15	69.76	51.14	88	9	79	79.00	22.00	42.00
West Point	12	50.80	29.18	49.25	71.35	53.47	100	-11	111	95.00	51.66	113.08
Fort Trumbull	5	52.46	32.26	50.00	72.42	55.17	93	-8	101	83.80	35.40	82.40
Fort Columbus	10	50.82	30.85	48.45	70.48	53.51	98	-6	104	86.90	18.55	72.00
Fort Wood, N. Y.	2	50.00	29.77	45.63	70.82	53.74	94	13	81	78.50	13.00	59.00
Allegheny Arsenal	7	49.57	28.32	48.63	71.54	50.43	92	-12	104	91.00	55.85	54.78
Cattles Barracks	3	49.58	29.11	49.43	70.52	49.25	96	-15	111	101.66	21.50	43.83
Fort Leavenworth	11	52.35	29.77	54.30	73.82	52.67	105	-30	135	108.36	45.20	51.85
Fort McHenry	12	53.48	32.69	52.68	73.76	55.62	102	-10	112	91.41	24.37	75.08
Fort Severn	4	55.32	34.51	53.81	75.67	57.26	99	1	98	90.00	17.25	101.00
Washington City	4	54.68	32.73	55.02	75.35	55.59	98	-14	112	97.25	18.00	125.25
Fort Washington	2	57.82	38.37	57.33	78.90	58.03	99	9	90	87.50	14.00	54.00
Jefferson Barracks	6	55.73	33.95	57.72	78.36	55.38	101	-18	119	105.16	32.16	69.25
Bellona Arsenal	1	60.04	45.53	58.15	76.92	59.78	96	4	90	90.00	24.00	53.00
Fort Monroe	12	58.49	39.94	56.36	76.03	61.54	102	4	98	78.83	32.00	36.20
Fort Wayne	1	60.08	43.73	62.18	76.72	57.68	92	10	82	47.30	21.50	52.50
Fort Gibson	12	60.34	40.37	61.88	78.76	60.77	116	-12	128	100.25	29.29	24.08
Fort Smith	1	60.43	41.48	63.14	79.07	58.03	102	-4	106	50.20	40.00	29.00
Fort Macon	2	63.42	46.01	61.07	89.11	66.40	96	-20	76	70.00	61.00	43.00
Little Rock Arsenal	1	62.52	45.34	64.42	78.64	61.68	96	-20	76	40.10	31.00	42.00
Fort Johnston	5	64.07	46.08	63.45	80.01	65.83	102	-19	83	80.00	13.20	33.00
Fort Towson	9	61.10	42.93	62.12	79.32	60.07	100	-3	103	92.44	29.77	35.00
Augusta Arsenal	9	63.17	48.03	63.58	79.21	62.63	100	-2	102	80.00	19.43	56.72
Fort Moultrie	8	65.17	50.57	65.07	77.90	67.11	96	6	90	68.62	26.71	37.31
Oglethorpe Barracks	2	68.30	54.77	68.46	81.11	68.93	93	16	77	32.25	32.50	56.00
Fort Jesup	12	65.81	49.79	66.94	80.84	65.32	100	8	92	81.58	73.3	35.50
Baton Rouge Barracks	6	67.48	52.92	68.61	81.33	67.08	100	10	90	76.83	17.50	42.50
Fort Pike	4	70.27	55.90	70.78	82.33	72.18	96	21	75	68.25	30.75	41.25
Fort Wood	2	69.21	54.91	69.53	83.12	69.28	100	14	86	73.00	25.00	41.50
New Orleans Barracks	5	69.44	55.23	70.22	82.69	69.52	100	22	88	68.40	60.50	49.60
Fort Marion	8	68.30	56.70	65.28	78.94	70.76	103	21	82	66.00	36.00	30.25
Cedar Keys	1	69.18	58.59	70.05	78.74	71.38	86	34	52	52.00	19.00	-45.50
Fort King	5	70.28	59.62	70.88	80.17	70.45	102	11	95	79.00	31.00	24.50
Fort Brooke	6	71.18	61.13	70.94	79.54	71.65	92	26	66	59.50	25.16	33.91
Key West Barracks	3	76.04	70.48	75.16	81.86	76.69	90	50	40	34.66	30.66	42.66

WINDS.							WEATHER.				
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.	
10.50	23.00	21.00	45.00	37.00	73.50	N.	145.50	166.00	30.50	23.00	Cl'dy.
11.00	4.50	9.50	54.50	128.00	77.00	S.W.	220.00	28.00	59.00	58.00	Fair.
33.91	42.12	74.05	26.66	31.00	35.12	N. W.	168.33	77.29	71.79	47.91	Cl'dy.
54.20	24.71	53.71	75.63	21.29	21.33	S.	237.20	46.21	54.26	27.58	Fair.
20.29	60.00	35.07	18.42	27.50	99.14	W.	188.85	97.07	49.85	29.93	Fair.
34.00	14.00	54.00	68.00	53.00	43.00	S.	151.00	84.00	88.00	42.00	Cl'dy.
23.50	21.78	34.92	94.21	49.64	58.78	S.	191.64	82.50	63.50	27.50	Fair.
24.16	21.58	40.91	61.83	48.50	58.58	N. W.	204.25	82.91	54.75	23.33	Fair.
26.00	10.25	36.25	90.50	39.25	34.75	S.	205.75	96.00	48.50	15.25	Fair.
33.11	24.00	24.66	107.66	39.44	40.77	S.	198.77	79.77	57.11	29.55	Fair.
35.35	29.70	23.95	53.70	35.40	40.75	N.	192.55	67.40	72.45	31.90	Fair.
40.75	5.00	35.25	37.50	88.00	51.25	S.W.	115.25	126.25	82.00	36.50	Cl'dy.
35.16	25.55	25.55	44.58	58.16	100.25	W.	194.58	96.50	57.83	16.16	Fair.
54.87	27.25	15.25	29.62	62.12	86.37	W.	220.00	63.50	59.00	24.50	Fair.
12.95	19.81	22.86	73.68	64.18	49.95	S.	223.36	79.54	47.59	14.77	Fair.
47.20	20.45	13.90	70.90	44.95	65.90	N. W.	218.10	113.05	25.25	8.80	Fair.
21.00	45.50	22.50	38.00	51.00	105.00	W.	220.00	63.50	59.00	24.50	Fair.
22.25	36.50	19.75	48.25	123.50	53.50	S.W.	151.75	103.25	73.50	36.50	Cl'dy.
62.94	57.20	22.50	48.66	101.11	29.11	S.W.	184.61	61.05	81.55	36.11	Fair.
20.87	7.77	34.95	88.00	37.63	65.50	N. W.	211.54	92.86	46.22	14.63	Fair.
68.75	22.25	27.50	12.75	102.75	18.25	N. W.	208.25	84.25	57.75	15.25	Fair.
18.75	34.37	22.50	44.50	86.87	77.62	S.W.	214.00	99.00	42.37	9.87	Fair.
31.83	54.66	14.16	90.83	49.33	60.00	S.	206.00	93.83	46.66	19.16	Fair.
36.75	26.75	29.50	53.25	52.75	45.50	N.	149.75	141.75	58.75	14.00	Cl'dy.
7.50	25.00	6.00	97.00	36.50	146.50	W.	212.00	98.50	42.50	12.00	Fair.
51.60	4.00	37.00	8.80	37.20	23.20	N. W.	175.60	98.40	73.80	17.40	Cl'dy.
39.50	44.00	27.25	58.75	50.75	68.25	W.	180.25	102.00	64.25	18.50	Cl'dy.
46.50	49.00	42.50	39.50	71.00	52.50	S. W.	211.00	50.00	92.00	12.00	Fair.
21.66	4.50	27.16	95.68	34.91	17.16	N. W.	222.63	72.66	57.58	12.37	Fair.
54.40	14.60	40.00	31.40	67.40	39.60	N. W.	202.00	106.40	46.80	10.00	Fair.
52.33	16.55	50.50	34.55	69.55	51.27	N. W.	209.22	88.33	56.66	11.11	Fair.
59.00	9.50	33.00	47.50	101.50	42.50	S.W.	216.00	51.50	83.00	14.50	Fair.
36.92	26.78	20.07	47.42	66.21	57.21	S.W.	180.42	90.75	76.14	18.00	Cl'dy.
29.00	60.50	30.00	33.83	18.00	129.00	W.	225.56	98.83	31.33	10.00	Fair.
20.70	14.15	47.30	124.40	28.30	33.40	S.	218.05	98.50	38.35	10.40	Fair.
55.79	22.66	40.04	95.70	49.66	62.91	N. W.	253.75	58.83	45.25	7.16	Fair.
37.75	11.00	94.50	39.00	37.50	26.50	N. W.	200.00	63.25	88.50	13.50	Fair.
53.25	7.50	23.50	40.70	67.75	28.75	N. W.	196.50	84.75	71.25	12.50	Fair.
16.50	11.50	23.00	152.00	55.50	38.50	S.	234.00	56.50	64.50	10.00	Fair.
25.08	28.41	42.83	70.16	36.83	60.41	S.	230.33	77.33	49.00	8.50	Fair.
49.00	21.00	62.00	21.00	83.00	53.00	S.W.	226.00	82.00	52.00	6.00	Fair.
91.04	27.83	36.37	40.91	77.54	23.33	N. E.	231.00	75.50	54.41	4.25	Fair.
45.50	42.50	105.50	26.00	59.00	13.50	S. E.	218.00	51.50	87.50	9.00	Fair.
24.50	69.66	74.91	57.37	34.62	41.02	S. E.	224.25	74.71	58.87	7.41	Fair.
11.00	63.00	57.00	70.00	38.00	58.00	S.	226.00	61.00	36.00	3.00	Fair.
39.50	25.00	39.00	55.00	95.50	16.00	S.W.	210.50	46.00	101.00	2.50	Fair.
54.50	46.00	31.00	53.00	54.00	54.50	W.	235.50	71.00	55.50	4.00	Fair.
113.60	6.80	21.40	57.20	116.00	4.00	S.W.	261.40	50.20	52.00	1.60	Fair.
32.11	26.88	50.00	80.44	70.77	40.44	S.	247.83	61.50	52.33	3.44	Fair.
44.50	27.27	49.88	31.66	90.55	45.27	S.W.	206.11	78.66	78.44	2.00	Fair.
75.87	37.25	52.43	42.31	62.12	31.25	N. E.	214.18	110.31	40.68	.12	Fair.
57.00	25.50	54.50	58.50	48.50	32.50	S.	249.00	67.00	48.50	.50	Fair.
39.04	50.25	27.37	42.21	42.62	54.91	N.	235.54	65.04	63.45	1.20	Fair.
36.83	82.33	49.16	34.50	57.00	45.50	E.	220.33	40.50	103.83	.50	Fair.
51.50	71.00	65.75	20.50	40.75	43.75	E.	254.25	74.00	36.75	.25	Fair.
69.00	34.00	68.50	32.00	47.50	36.00	N. E.	207.50	107.50	48.50	-	Fair.
56.60	41.10	28.70	46.20	46.20	38.50	N.	214.00	84.25	67.00	-	Fair.
100.00	27.68	69.87	40.69	38.81	21.81	N. E.	232.31	50.87	91.68	.25	Fair.
75.50	33.00	51.50	29.50	85.00	26.00	S.W.	286.50	46.00	32.50	-	Fair.
51.00	40.40	37.60	55.80	81.20	43.50	S.W.	255.70	59.90	49.20	.20	Fair.
74.83	64.58	46.74	33.66	53.41	29.00	N. E.	236.75	62.50	65.91	-	Fair.
123.66	60.00	74.00	8.33	15.33	7.66	N. E.	233.66	64.66	67.00	-	Fair.

PLACES OF OBSERVATION.	Latitude.			Longitude.			1837.	1838.	1839.	1840.	1841.	1842.	Mean annual quantity in inches.
	°	'	"	°	'	"							
Fort Brady	46	29	55	84	43	00	36.92	34.37	24.01	33.09	22.74	26.40	29.588
Hancock Barracks	46	07	38	67	49	01	35.68	38.87	38.77	41.91	36.97	37.60	38.213
Fort Sullivan	44	54	28	66	58	20	-	-	-	-	38.11	40.65	39.380
Fort Snelling	44	52	46	93	04	54	24.02	28.22	21.19	24.00	21.67	25.17	24.045
Plattsburgh Barracks	44	41	00	73	26	00	-	-	-	-	-	29.02	29.020
Fort Howard	44	37	30	87	00	00	40.55	37.56	31.28	33.57	-	-	35.740
Fort Winnebago	43	35	00	88	58	00	31.32	27.88	28.95	28.12	28.45	24.51	28.205
Madison Barracks	43	57	00	76	04	00	-	-	-	-	-	37.31	37.310
Fort Preble	43	39	04	70	20	30	-	-	-	-	37.00	36.64	36.820
Fort Niagara	43	15	00	79	05	00	-	-	-	-	-	-	50.490
Fort Crawford	43	03	06	91	09	19	34.05	21.96	31.46	31.25	31.25	38.34	31.451
Fort Constitution.	43	04	00	70	49	00	28.16	31.84	26.93	-	-	33.79	30.180
Fort Gratiot	42	57	00	82	53	00	-	-	-	42.98	32.95	39.62	38.516
Watervliet Arsenal	42	50	00	73	55	00	32.04	30.80	29.73	-	-	-	30.856
Watertown Arsenal	42	21	00	72	17	00	32.06	43.99	42.89	48.08	-	-	41.755
Detroit Barracks	42	19	18	82	58	00	-	-	24.28	29.92	27.16	31.84	28.300
Dearbonville Ar'nal	42	20	00	83	01	30	-	-	-	-	-	21.61	21.610
Fort Adams	41	30	00	71	19	00	-	-	-	-	-	60.79	60.790
West Point	41	23	30	74	00	00	83.00	83.37	69.47	47.62	53.94	50.62	64.670
Fort Columbus	40	42	00	74	09	00	-	-	-	30.76	42.08	32.98	35.273
Fort Wood, N. Y.	40	42	40	74	11	00	65.51	41.90	37.57	-	-	-	48.326
Fort Hamilton	40	43	00	74	01	00	-	40.72	51.61	-	-	-	46.165
Alleghany Arsenal	40	26	00	82	02	00	35.66	-	25.62	29.64	34.84	41.54	33.460
Fort Leavenworth	39	20	00	94	52	00	38.45	26.28	33.32	33.05	23.73	26.29	30.186
Fort McHenry	39	03	00	76	49	00	45.00	47.10	51.70	37.90	43.90	35.18	43.463
St. Louis Arsenal	38	37	28	90	13	24	26.88	23.27	-	-	-	-	25.075
Jefferson Barracks	38	28	00	90	08	00	-	-	-	-	36.27	29.18	32.725
Fort Monroe	38	02	00	76	12	00	40.70	44.94	72.00	74.10	65.30	67.06	60.683
Fort Gibson	35	47	00	95	10	00	34.66	18.84	-	55.82	36.25	29.11	34.936
Fort Smith	35	25	00	94	49	00	-	-	42.59	46.23	-	38.79	42.536
Fort Towson	33	53	00	94	13	00	43.80	34.40	66.00	55.70	62.00	73.36	55.876
Fort Jesup	31	30	00	93	47	00	49.45	47.22	45.36	37.12	55.95	42.27	46.243
N. Orleans Barracks	29	57	23	89	58	52	-	-	50.02	44.28	60.53	45.60	50.107
Cedar Keys	29	08	00	83	09	30	-	-	-	-	-	44.20	44.200
Fort Brooke	27	57	00	82	35	00	-	-	-	89.86	48.89	45.96	61.570