

WAR DEPARTMENT REPORTS.

METEORS OBSERVED DURING MAY, 1881.

Almota, Wash. Ty., 18th. Boise City, 3d. Ft. Stevenson, 2d, very brilliant, observed about 8 p. m. in the southern heavens; first appeared about 5° above the horizon and inclined south and downward; its flight lasted about 5 seconds, leaving a faint train; in size, it was apparently nearly equal to that of the full moon. Fredericksburg, Tex., 22d, 10.10 p. m., altitude 45°, direction from northwest to southeast; as it passed along it gave a light

much brighter than the stars, leaving a trail of dark blue color and exploded apparently into three balls of fire. Davenport, 22d. Washington, D. C., 9th, 9.45 p. m., appeared 45° above south eastern horizon, pursued a northwesterly course through zenith; extent of its visible path was about 20°. Wood's Holl, 3d, 2.10 a. m., from east to west. Woodstock, Md., 17th, 9 p. m.; 23d, 9 p. m., from southeast to northwest; 24th, 8.35 p. m., from west to east. Williamstown and Fall River, Mass., 13th. Thornville, Mich., 27th. Fayette, Miss., 1st. Atco, N. J., 22d, 24th, North Volney, N. Y., 23d. Waterburg, N. Y., 2d. Little Mountain, Ohio, 7th. Mission House, Wis., 2d.

Table of Maximum and Minimum Temperatures for May, 1881.

STATE OR TERRITORY.	SIGNAL SERVICE.			U. S. ARMY POST SURGEONS OR VOLUNTARY OBSERVERS.			STATE OR TERRITORY.	SIGNAL SERVICE.			U. S. ARMY POST SURGEON OR VOLUNTARY OBSERVERS.		
	Station.	Max.	Min.	Station.	Max.	Min.		Station.	Max.	Min.	Station.	Max.	Min.
Alabama	Montgomery	90°	58°	Auburn and Green Springs	---	56°	Minnesota	Moorhead	88°	---	New Ulm	89°	---
Arizona	Tucson	106°	---	Texas Hill	108°	---	Mississippi	St. Vincent	---	38°	---	---	---
Arkansas	Yuma	---	37°	---	---	---	Vicksburg	---	94°	62°	---	---	---
California	Little Rock	87°	61°	Mt. Ida	88°	---	St. Louis	---	91°	43°	---	---	---
Colorado	Visalia	95°	---	Fayetteville	---	48°	Montana	Fort Keogh	98°	---	---	---	---
Connecticut	Campos	---	37°	Turlock	100°	---	Fort Assiniboine & Rock Creek	---	20°	---	---	---	---
Dakota	Denver	84°	---	Summit	30°	---	Nebraska	North Platte	88°	37°	Ft. Niobrara	96°	---
Delaware	Pike's Peak	---	5°	Hermosa	95°	---	Nevada	Winnemucca	86°	38°	Carson City	94°	---
Dist. Columbia	New London	80°	---	---	---	---	N. Hampshire	Mt. Washington	61°	8°	Palisade	---	25°
Florida	New Haven	---	36°	---	---	---	New Jersey	Sandy Hook	---	---	Contoocookville	88°	---
Georgia	Ft. Bennett	92°	28°	Ft. Buford	---	22°	Barnegat	---	37°	---	South Amboy	97°	---
Iowa	Bismarck	---	28°	Dover	90°	---	La Mesilla	---	101°	---	Atco	---	38°
Idaho	Breakwater	82°	45°	---	---	---	Sante Fe	---	33°	---	Ft. Union	---	28°
Illinois	Ft. Lapwai	88°	27°	---	---	---	New York City	---	93°	---	West Point	---	98°
Indiana	Lewiston and Boise City	88°	---	---	---	---	Buffalo	---	32°	---	Madison B'ks	---	21°
Indian Territory	Springfield	88°	37°	Ft. Barrancas	---	60°	Charlotte	---	94°	---	Weldon	---	96°
Kansas	Chicago	88°	---	St. Augustine and Houston	---	99°	Fort Macon	---	50°	---	Murphy	---	43°
Kentucky	Indianapolis	89°	44°	Forsyth	99°	---	Columbus	---	92°	---	Cincinnati	---	---
Louisiana	Fort Gibson	92°	---	McPherson Bks.	50°	---	Cleveland	---	36°	---	Jacksonburg and Ruggles	96°	---
Maine	Fort Sill	---	56°	Clinton	95°	35°	Oregon	Roseburg	85°	36°	Ft. Klamath	---	17°
Maryland	Leavenworth	90°	43°	---	---	---	Pennsylvania	Pittsburg	95°	38°	Milton	100°	---
Massachusetts	Louisville	93°	51°	Pecria and Elmira	93°	---	Rhode Island	Newport	85°	39°	Dyberry	---	21°
Michigan	Shreveport	92°	---	Logansport	99°	---	South Carolina	Charleston	91°	56°	Ft. Adams	---	35°
Minnesota	New Orleans	---	60°	Spiceland	---	41°	Tennessee	Knoxville	93°	49°	Aiken	97°	53°
Mississippi	Portland	86°	---	Independence	93°	---	Texas	Rio Grande	102°	---	---	---	---
Missouri	Eastport	---	32°	Clay Centre	93°	40°	Utah	Fort Davis	---	41°	Ft. Ringgold	106°	---
Montana	Baltimore	95°	46°	Pt. Pleasant	93°	---	Vermont	Salt Lake City	86°	40°	Ft. Brown	---	36°
Nebraska	Boston	91°	36°	Gardiner	---	27°	Virginia	---	---	---	Promontory	91°	---
Nevada	Marquette	88°	25°	Woodstock	---	38°	Washington Ty	Almota	87°	---	Kelton	---	30°
New Hampshire	Port Huron	88°	---	Williamstown	---	25°	Colfax	---	25°	---	Charlotte	90°	---
New Jersey	---	---	---	Litchfield	94°	---	Morgantown	---	85°	39°	Wookstock	---	23°
New Mexico	---	---	---	Ft. Brady	24°	---	Madison	---	88°	35°	Accotink	97°	---
New York	---	---	---	---	---	---	Milwaukee	---	88°	---	Ft. Monroe	---	42°
North Carolina	---	---	---	---	---	---	Cheyenne	---	79°	32°	---	---	---
Ohio	---	---	---	---	---	---	---	---	---	---	---	---	---
Oregon	---	---	---	---	---	---	---	---	---	---	---	---	---
Pennsylvania	---	---	---	---	---	---	---	---	---	---	---	---	---
Rhode Island	---	---	---	---	---	---	---	---	---	---	---	---	---
South Carolina	---	---	---	---	---	---	---	---	---	---	---	---	---
Tennessee	---	---	---	---	---	---	---	---	---	---	---	---	---
Texas	---	---	---	---	---	---	---	---	---	---	---	---	---
Utah	---	---	---	---	---	---	---	---	---	---	---	---	---
Vermont	---	---	---	---	---	---	---	---	---	---	---	---	---
Virginia	---	---	---	---	---	---	---	---	---	---	---	---	---
Washington Ty	---	---	---	---	---	---	---	---	---	---	---	---	---
West Virginia	---	---	---	---	---	---	---	---	---	---	---	---	---
Wisconsin	---	---	---	---	---	---	---	---	---	---	---	---	---
Wyoming	---	---	---	---	---	---	---	---	---	---	---	---	---

SUN SPOTS.

The following record of observations made by Mr. D. P. Todd, Assistant, has been forwarded by Prof. S. Newcomb, U. S. Navy, Superintendent Nautical Almanac Office, Washington, D. C., to W. B. HAZEN, Brig. and Bv't Maj. Gen., Chief Signal Officer, U.S.A.

DATE, MAY, 1881.	No. OF NEW		DISAPPEARED BY SOLAR ROTATION.		REAPPEARED BY SOLAR ROTATION.		TOTAL NUMBER VISIBLE.		REMARKS.
	Groups.	Spots.	Groups.	Spots.	Groups.	Spots.	Groups.	Spots.	
1, 9 a. m.	0	0	1	1	0	2	1	6	Many of the spots small.
5, 7 a. m.	4	9	0	0	---	---	5	15	
7, 9 a. m.	0	0	1	2	0	0	4	13	
8, 9 a. m.	0	5	0	0	0	0	4	18	
5 p. m.	0	7	0	0	0	0	4	25	
9, 8 a. m.	0	0	0	0	0	0	4	18	
10, 9 a. m.	1	3	0	3	1	3	5	18	
11, 9 a. m.	0	7	1	4	0	7	3	17	
12, 9 a. m.	1	10	1	2	1	10	2	20†	
13, 8 a. m.	1	2	0	0	1	2	3	22†	
14, 8 a. m.	0	0	0	0	0	0	3	13†	Many of the spots small.
15, 9 a. m.	0	0	0	0	0	0	2	8	
16, 12 m.	2	5	0	0	1	2	4	8	
22, 10 a. m.	0	0	0	0	0	0	3	9	
23, 8 a. m.	1	5	0	0	0	0	4	16	
24, 6 a. m.	0	10	0	0	0	0	4	25†	
25, 8 a. m.	0	10	2	6	0	0	2	30†	
26, 6 a. m.	1	7	0	0	1	7	3	37†	
27, 8 a. m.	1	7	0	0	0	6	4	44†	
28, 8 a. m.	0	12	0	0	0	12	4	56†	
29, 9 a. m.	0	0	0	8	0	0	4	48†	Faculae were seen at the time of every observation.
30, 8 a. m.	2	15†	0	7	1	1	6	60†	
31, 7 a. m.	0	10	0	5	0	4	5	65†	

† Approximated.