

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

261 165

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

VOLUNTARY OBSERVERS' METEOROLOGICAL RECORD for the month of May, 1887.Place of observation: Rappahannock StaCounty of TauquienState of VirginiaLatitude 38°30'Longitude 77°45'Height of ground above sea, 152 feet.

DAY OF MONTH	TEMPERATURE, DEW-POINT, AND RELATIVE HUMIDITY.												DAILY MEAN TEMPERATURE (Sum of 24 observations ÷ 24)	DAILY MEAN RELATIVE HUMIDITY (Sum of 24 observations ÷ 24)	MAXIMUM TEMPERATURE	MINIMUM TEMPERATURE	PRECIPITATION.				WIND.						CLOUDS.			WEATHER.		
	7 A. M.				2 P. M.				9 P. M.								Time of beginning.	Time of ending.	Total amount of rain and melted snow, in inches and hundredths.	Average depth of snow, in inches.	7 A. M.		2 P. M.		9 P. M.		Moving from.	Moving from.	Moving from.	7 A. M.	2 P. M.	9 P. M.
	Dry bulb.	Wet bulb.	Dew-point.	Relative humidity.	Dry bulb.	Wet bulb.	Dew-point.	Relative humidity.	Dry bulb.	Wet bulb.	Dew-point.	Relative humidity.									Dir. from.	Force 6-10.	Dir. from.	Force 6-10.	Dir. from.	Force 6-10.						
1	47				61				69				61.5		69	43	0	0	0	0	SE	2	SE	2	SE	2	E	E	E	Fair	Fair	Clear
2	60				77				76				72.2		79	60	0	0	0	0	SE	1	N	1	N	1	NE	N	N	Clear	Clear	Clear
3	58				87				69				70.7		91	58	0	0	0	0	NW	2	NE	1	N	2	"	"	"	"	"	"
4	64				90				73				75.0		92	62	0	0	0	0	N	1	N	1	N	3	"	"	"	"	"	"
5	69				83				71				73.5		97	66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	67				88				61				69.7		91	61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	63				83				69				71.0		86	60	0	0	0	0	W	1	W	1	W	1	W	0	W	Clear	Clear	Clear
8	69				73				70				70.5		76	64	0	0	0	0	W	2	W	2	W	3	SW	W	W	Fair	Clear	Fair
9	54				79				70				68.2		82	54	0	0	0	0	S	3	S	3	S	3	S	S	S	Fair	Cloudy	Cloudy
10	59				83				67				69.0		85	55	4:30 AM	3:45 PM	R1.83	0	S	3	S	2	S	1	S	SW	W	Raining	Raining	Raining
11	59				69				54				59.0		73	54	0	0	0	0	SW	1	SE	2	SE	1	SE	SE	SE	Fair	Fair	Cloudy
12	66				79				78				75.2		82	64	0	0	0	0	SE	1	E	1	E	1	SE	SE	SE	Cloudy	Cloudy	Cloudy
13	60				73				70				82.2		74	58	0	0	0	0	W	1	W	2	W	1	W	SW	E	"	"	"
14	44				60				40				46.0		62	40	0	0	0	0	W	1	W	1	W	1	SE	W	W	Cloudy	Fair	Clear
15	48				70				56				57.5		71	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	46				77				59				60.2		79	44	0	0	0	0	W	1	S	2	S	1	W	S	SE	"	"	"
17	47				86				63				64.7		87	47	0	0	0	0	E	1	E	1	E	1	SE	E	E	Clear	Fair	Cloudy
18	51				88				80				74.7		88	50	5:20 AM	10:15 PM	R1.76	0	W	1	W	1	W	1	W	SW	W	Raining	Raining	Raining
19	52				93				84				78.2		93	52	0	0	0	0	W	1	W	2	W	1	W	W	W	Clear	Clear	Clear
20	53				90				80				75.7		92	50	0	0	0	0	W	1	W	2	W	1	W	W	W	"	"	"
21	57				86				79				75.2		88	54	0	0	0	0	W	1	W	1	W	2	W	W	W	"	"	"
22	46				84				72				68.5		84	44	0	0	0	0	W	2	W	2	W	1	W	W	W	Hazy	Hazy	Hazy
23	54				79				66				66.2		81	52	0	0	0	0	S	1	S	1	S	1	W	SW	SW	Hazy	Hazy	Fair
24	64				95				83				81.2		97	64	3:17 PM	9:27 PM	R2.03	0	S	1	E	2	E	2	SE	E	E	Cloudy	Cloudy	Rain
25	59				87				81				77.0		89	58	0	0	0	0	E	1	E	1	E	2	E	E	E	Fair	Fair	Fair
26	57				78				64				65.7		82	55	0	0	0	0	W	1	W	2	W	1	W	W	W	Clear	Hazy	Hazy
27	61				77				70				69.5		79	60	0	0	0	0	W	1	W	1	W	1	W	W	W	Hazy	Clear	Fair
28	46				82				71				67.5		84	46	3:15 PM	4:18 PM	R0.23	0	NW	2	W	2	W	1	W	W	W	Cloudy	Cloudy	Cloudy
29	47				63				50				52.0		67	43	0	0	0	0	SE	1	SE	1	SE	1	E	SE	E	Fair	Cloudy	Threatening
30	51				79				67				66.0		82	50	5:15 AM	3:19 PM	R2.66	0	E	2	E	2	E	2	E	E	E	Rain	Rain	Cloudy
31	49				86				59				63.2		89	47	0	0	0	0	E	2	E	2	SE	3	E	E	E	Cloudy	Cloudy	Cloudy
SUM	1732				2425				2121				2232.7		2581	493																
MEAN	56.0				79.8				68.4				72.1		83.2	48.1																

(Sign here.)

Worthington H. Ireland.

Voluntary Observer.