

RECORDS DIVISION
SIGNAL OFFICE
MAY 4 1889

Voluntary Observers' Meteorological Record.

Station: *Smithfield Va.*

Month of *April*
May 1889

NOTES.

The daily mean temperature is found by the formula $\frac{1}{2}(7+2+9+9)$.

When it is not practicable to take tri-daily observations, good results may be obtained by taking two observations daily, selecting hours of the same name, viz: 7 A. M. and 7 P. M.; or 8 A. M. and 8 P. M. The mean daily temperature in such case being obtained by dividing the sum by two.

Where self-registering thermometers only are used, the mean can be obtained by dividing the sum by two.

Precipitation should be recorded in inches and hundredths. When the amount is too small to measure, write "trace" in the column.

A. W. GREELY,
Chief Signal Officer.

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MONTHLY SUMMARY.

Mean temperature: *56.2*
Maximum temperature: *75th* (36.6) 7th June
Minimum temperature: *35th* (35.0) 9th June
Total precipitation, including melted snow: *7th June 29/100 inches* 13.29
Number of days upon which 0.01, or more, of rain, or melted snow, fell: *7th June (14)*
Depth of snow, in inches, on the ground on 15th: *11.0*; at end of month: *11.0*
Total snowfall, in inches, during the month: *11.0*
Frost, dates of: *5th, 7th, 8th, 9th*
Thunder-storms, dates and time: *6th, 8th, 9th, 10th, 11th, 12th, 13th, 14th, 15th, 16th, 17th, 18th, 19th, 20th, 21st, 22nd, 23rd, 24th, 25th, 26th, 27th, 28th, 29th, 30th, 31st*
Hail, dates and time: *6th, 8th, 9th, 10th, 11th, 12th, 13th, 14th, 15th, 16th, 17th, 18th, 19th, 20th, 21st, 22nd, 23rd, 24th, 25th, 26th, 27th, 28th, 29th, 30th, 31st*
Sleet, dates and time: *None*
Auroras, dates and time: *None*
Miscellaneous phenomena: *Rain began 7am on 6th, ended 9am on 8th, with vivid flashes & heavy thunder on 6th, little hail & snow on 8th, discharges occurring around the Company's highland from 2 to 3 miles.*
Total Precipitation in the three days 4.56 inches

REMARKS.

I fondly hoped, the motion in the last Congress, to appropriate a sum for furnishing Voluntary Observers with instruments, not exceeding \$15.00 to each, had been adopted, & passed with the Bill. The allusion in my last Reported Record, was based on that measure proposition in the H. of Reps.

J. R. P.