

The Weather.

Since the date of my memoranda of Friday, at 6 P.M., the heat has continued, and on Saturday, at 1 P. M., rose to 95°, and at 11 P. M., was at 82°. On Sunday at 93° for three hours, and averaged 87° for fifteen consecutive hours. A cloud in the West, N. W. and N., at about 7 P. M., discharged abundance of red lightning, and between 8 and 10 P. M., a moderate thunder-shower reduced the temperature from 86° to 78°, and at 2 A. M. of Monday was at 74° *North*, the lowest since 4 A. M. of Thursday, but rose at midnight from the *South*, and at 4 A. M. reached 76° *North*, which is the 4 A. M. temperature for the last four mornings, and the highest we have recorded at 4 A. M. in any month of August for eight consecutive years. The midnight temperatures of Sunday evening and Monday morning were 2° and 3° higher *South* than *North*, but the 2 A. M. temperatures of Monday were 2° and 3° higher *North* than *South*. These changes are independent of solar influence. During the thunder storm which commenced this warm term, at 11 P. M. of the 8th, the temperatures *North* and *South* were equal. The present hot term has been of higher temperature than any previous term in August in eight years. In 1846, on the 5th of August, the temperature rose to 90½°, and on the 6th to 92°; this belonged to a warm term which commenced on the 27th of July, and terminated on the 10th day of August, duration fifteen consecutive days. The highest temperature on each of these fifteen days was from 80° to 92°. On the 6th of August, 1850, the temperature rose to 91°, and this high temperature belonged to a warm term which commenced July 28th, and continued to August 16, duration twenty days. The highest temperatures of this term were from 80° to 91°.

It is only from records of observations made hourly, that these minute calculations can be made. Our thermometers, eleven in number, occupy every variety of position in the shade, and afford the means of accurate observation. The heated atmospheric term belongs to a time circle of three hundred and sixty consecutive hours, and has a converse action south of the equator and north of the magnetic pole.

Rain commenced falling at a little past 10 A. M. of to-day, reducing the temperature to 75°. E. M.

MONDAY, Aug. 15, 1853.