

## BOOKS RECEIVED.

A TREATISE ON BRIGHT'S DISEASE AND DIABETES, WITH SPECIAL REFERENCE TO PATHOLOGY AND THERAPEUTICS. By JAMES TYSON, A. M., M. D., with Illustrations. Including a section on Retinitis in Bright's Disease. By WILLIAM F. NORRIS, A. M., M. D. Lindsay and Blackiston, Philadelphia. 1881.

Dr. Tyson needs no apology for publishing this work, and we express the hope that it will be extensively read by the medical profession.

It is true that many excellent treatises exist on this subject, but a mere glance at Dr. Tyson's work shows that in it the subject has been treated in a manner that is original, presenting all the facts in a concise form, and yet omitting no detail which is essential for the full comprehension of this intricate and difficult subject.

Those who have watched the course of recent literature relating to Diseases of the Kidneys and Glycosuria, are aware that we are very far from possessing precise knowledge in regard to such complications, and that while we are still ignorant of the precise pathology of some of these diseases, the very facts bearing on the subject are in a chaotic condition, and inaccessible to the majority of those who should be well informed.

The writer of this book is an accomplished writer, and one who has during the past fifteen years devoted his thoughts and studies to these subjects, and also engaged in practical work bearing on them. Surely the result of such an experience must be useful to both experts and students, if properly used and appreciated.

The number of calls made upon physicians by patients suffering from various forms of Bright's disease and Diabetes is daily on the increase, and no one knows better than the intelligent practitioner, that a large number of their confrères are miserably ignorant on the subject, unacquainted with the Pathology of these diseases, and disgracefully incompetent to treat them. We are not now speaking of quacks, but holders of medical diplomas.

Cases have come to our knowledge, where patients have succumbed on account of their physicians being unable to make a proper diagnosis of the diseases we refer to, or even to analyze or report on a sample of urine.

To such Dr. Tyson's work will probably still be a sealed book, but the advanced and intelligent physicians will, under our advice, procure a copy, for, although other works on this subject may have been studied with profit, we believe a perusal of the work before us will still contribute to his knowledge of this important and interesting subject.

SOLAR PHYSICS.—In concluding a series of lectures on Solar Physics, Professor J. Norman Lockyer said: "I am in honor bound to say, as the result of the work on our solar physics, in that small branch of the inquiry into solar matters with which I am more personally connected, that my belief is that the late work has changed the views which were held, say twenty years ago, to this extent: whereas twenty years ago, we imagined ourselves to be in full presence in the sun of chemical forms with which we are familiar here, I think in this present year, we are bound to consider that that view may be modified to a certain extent, and that we are justified in holding the view, that not these chemical forms with which we are acquainted here, but their germs really, are revealed to us in the hottest regions of the sun."

## METEOROLOGICAL REPORT FOR NEW YORK CITY FOR THE WEEK ENDING OCT. 1, 1881.

Latitude  $40^{\circ} 45' 58''$  N.; Longitude  $73^{\circ} 57' 58''$  W.; height of instruments above the ground, 53 feet; above the sea, 97 feet; by self-recording instruments.

| BAROMETER.                   |                         |                         |          |                         |         | THERMOMETERS. |              |              |         |              |         |              |          |              |          |         |  |
|------------------------------|-------------------------|-------------------------|----------|-------------------------|---------|---------------|--------------|--------------|---------|--------------|---------|--------------|----------|--------------|----------|---------|--|
| SEPTEMBER<br>AND<br>OCTOBER. | MEAN FOR<br>THE DAY.    | MAXIMUM.                |          | MINIMUM.                |         | MEAN.         |              | MAXIMUM.     |         |              |         | MINIMUM.     |          |              |          | MAXI-M  |  |
|                              | Reduced to<br>Freezing. | Reduced to<br>Freezing. | Time.    | Reduced to<br>Freezing. | Time.   | Dry<br>Bulb.  | Wet<br>Bulb. | Dry<br>Bulb. | Time.   | Wet<br>Bulb. | Time.   | Dry<br>Bulb. | Time.    | Wet<br>Bulb. | Time.    | In Sun. |  |
| Sunday, 25..                 | 29.936                  | 30.000                  | 7 a. m.  | 29.892                  | 5 p. m. | 79.3          | 70.3         | 89           | 4 p. m. | 73           | 4 p. m. | 71           | 6 a. m.  | 67           | 7 a. m.  | 143.    |  |
| Monday, 26..                 | 29.943                  | 29.986                  | 9 a. m.  | 29.900                  | 5 p. m. | 81.6          | 72.0         | 91           | 3 p. m. | 75           | 3 p. m. | 73           | 7 a. m.  | 69           | 7 a. m.  | 145.    |  |
| Tuesday, 27..                | 29.937                  | 29.994                  | 9 a. m.  | 29.900                  | 9 p. m. | 79.7          | 72.7         | 86           | 3 p. m. | 76           | 3 p. m. | 75           | 5 a. m.  | 70           | 5 a. m.  | 139.    |  |
| Wednesday, 28..              | 29.933                  | 30.018                  | 12 p. m. | 29.890                  | 3 p. m. | 78.0          | 70.0         | 88           | 4 p. m. | 73           | 5 p. m. | 71           | 12 p. m. | 68           | 12 p. m. | 143.    |  |
| Thursday, 29..               | 30.196                  | 30.238                  | 9 p. m.  | 30.018                  | 0 a. m. | 69.6          | 64.3         | 75           | 3 p. m. | 66           | 3 p. m. | 64           | 12 p. m. | 62           | 12 p. m. | 134.    |  |
| Friday, 30..                 | 30.189                  | 30.238                  | 9 a. m.  | 30.108                  | 5 p. m. | 74.0          | 68.6         | 82           | 3 p. m. | 74           | 3 p. m. | 64           | 0 a. m.  | 62           | 0 a. m.  | 138.    |  |
| Saturday, 1..                | 30.156                  | 30.198                  | 12 p. m. | 30.100                  | 3 p. m. | 79.0          | 69.6         | 87           | 3 p. m. | 72           | 6 p. m. | 72           | 4 a. m.  | 67           | 0 a. m.  | 141.    |  |

Mean for the week..... 30.042 inches.  
Maximum for the week at 9 a. m., Sept. 30th..... 30.238 "  
Minimum " at 3 p. m., Sept. 28th..... 29.890 "  
Range..... .348 "

Mean for the week..... 77.3 degrees.  
Maximum for the week, at 3 p. m. 26th 91. " at 3 p. m. 27th, 76. "  
Minimum " at 12 p. m. 29th 64. " at 12 p. m. 29th, 62. "  
Range " " 27. " 14. "

| WIND.                        |            |          |          |                             |                                   |          |                 |         |         | HYGROMETER.           |         |         |                     |            |          | CLOUDS.                              |                            |                        | RAIN AND SNOW.     |  |  |  | OZONE.<br><br>O<br>10 |
|------------------------------|------------|----------|----------|-----------------------------|-----------------------------------|----------|-----------------|---------|---------|-----------------------|---------|---------|---------------------|------------|----------|--------------------------------------|----------------------------|------------------------|--------------------|--|--|--|-----------------------|
| SEPTEMBER<br>AND<br>OCTOBER. | DIRECTION. |          |          | VELOCITY<br>IN MILES.       | FORCE IN<br>LBS. PER<br>SQ. FEET. |          | FORCE OF VAPOR. |         |         | RELATIVE<br>HUMIDITY. |         |         | CLEAR,<br>OVERCAST. |            |          | DEPTH OF RAIN AND SNOW<br>IN INCHES. |                            |                        |                    |  |  |  |                       |
|                              | 7 a. m.    | 2 p. m.  | 9 p. m.  | Distance<br>for the<br>Day. | Max.                              | Time.    | 7 a. m.         | 2 p. m. | 9 p. m. | 7 a. m.               | 2 p. m. | 9 p. m. | 7 a. m.             | 2 p. m.    | 9 p. m.  | Time<br>of<br>Begin-<br>ing.         | Time<br>of<br>End-<br>ing. | Dura-<br>tion<br>h. m. | Amount<br>of water |  |  |  |                       |
| Sunday, 25..                 | w. s. w.   | s. w.    | s. w.    | 233                         | 5½                                | 3.00 pm  | .595            | .596    | .677    | 76                    | 48      | 66      | 0                   | 2 cir. cu. | 0        | -----                                | -----                      | -----                  | 0                  |  |  |  |                       |
| Monday, 26..                 | w.         | s. s. w. | s. w.    | 177                         | 1¾                                | 3.00 pm  | .655            | .665    | .650    | 80                    | 47      | 59      | 0                   | 2 cu.      | 0        | -----                                | -----                      | -----                  | 0                  |  |  |  |                       |
| Tuesday, 27..                | s. s. w.   | s.       | s. w.    | 145                         | ¾                                 | 2.30 pm  | .652            | .733    | .744    | 72                    | 61      | 77      | 2 cir.              | 3 cir. cu. | 2 cu. s. | 4.30pm                               | 5.30pm                     | 1.00                   | .04                |  |  |  |                       |
| Wednesday, 28..              | w. s. w.   | w.       | n.       | 221                         | 7¼                                | 5.40 pm  | .666            | .596    | .518    | 77                    | 48      | 76      | 4 cir. cu.          | 4 cu.      | 2 cu.    | -----                                | -----                      | -----                  | 0                  |  |  |  |                       |
| Thursday, 29..               | e. n. e.   | e.       | e. s. e. | 174                         | 3½                                | 10.20 am | .516            | .545    | .536    | 70                    | 67      | 84      | 2 cir. cu.          | 7 cir. cu. | 10       | -----                                | -----                      | -----                  | 0                  |  |  |  |                       |
| Friday, 30..                 | n. e.      | s.       | s. w.    | 146                         | 6¾                                | 7.00 pm  | .569            | .703    | .628    | 89                    | 66      | 72      | 10                  | 2 cu.      | 0        | -----                                | -----                      | -----                  | 0                  |  |  |  |                       |
| Saturday, 1..                | w. s. w.   | w. s. w. | s. w.    | 199                         | 3                                 | 7.20 am  | .631            | .518    | .651    | 80                    | 41      | 66      | 5 cir. cu.          | 2 cir. cu. | 0        | -----                                | -----                      | -----                  | 0                  |  |  |  |                       |

Distance traveled during the week..... 1,295 miles.  
Maximum force..... 7¼ lbs.

Total amount of water for the week..... .04 inch  
Duration of rain..... 1 hours, 00 minutes

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