Observation of Saturn on 1902 July 17, made at Perth Observatory, Western Australia.

(Communicated by W. Ernest Cooke, M.A., Government Astronomer.)

As astronomers have been asked for observations of Saturn about July 17, I beg to report as follows:—

July 17 between 0h and 1h G.M.T. Definition remarkably good. Instrument, 10-inch guide telescope of astrograph. Power of eyepiece not measured but estimated about 600. The division could be distinctly traced across the planet, with no sign of a break.

This was the only chance we had, the weather on each side being cloudy or definition bad.

The north polar regions were very dark.

1902 July 21.
Observations of Comet Tempel 2, 1899 IV., at the Radcliffe Observatory, Oxford.

(Communicated by A. A. Rambaut, D.Sc., F.R.S., Radcliffe's Observer.)

The following observations were made with the 10-inch Barclay Equatorial, using the Ring Micrometer with power 100.

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<td>June 12</td>
<td>12 42 32</td>
<td>18 1 57 R.</td>
<td>-2 23 25 + 1 47 9</td>
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<td>19 50 24 22 -0 31 -9 2211</td>
<td>94 46 (44&quot;) 13 5</td>
<td>0 8626 (a)</td>
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<td>14</td>
<td>12 21 12</td>
<td>17 48 27 R.</td>
<td>-4 40 81 -0 12 4</td>
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<td>19 53 13 34 -0 36 -9 2791</td>
<td>95 3 31 6 13 8</td>
<td>0 8628 (b)</td>
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<td>16</td>
<td>12 16 56</td>
<td>17 52 3 R.</td>
<td>+0 69 1 -0 31 7</td>
<td>12</td>
<td>19 56 16 6 -0 37 -9 2761</td>
<td>95 22 51 3 14 2</td>
<td>0 8641 (c)</td>
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Observer's Remarks.

(a) Comet small and excessively faint. Observations on this night are only approximate; the resulting N.P.D. has, therefore, been bracketed.

(b) The comet has a small nebulous head, with a stellar condensation of about magnitude 12. The comparison star is of the 10th magnitude.

(c) The comet is small and faint, with a condensation of about the 12th magnitude. The magnitude of the comparison star is 11.

Adopted Places of the Comparison Stars.


(a) 19 52 43 58 +3 59 94 45 43 5 -7 65 Three observations Radcliffe Transit Circle, 1899.

(b) 19 57 50 54 +3 61 95 3 52 38 -8 40 Five observations R.A. and three observations N.P.D. Radcliffe Transit Circle, 1899.

(c) 19 55 51 07 +3 68 95 23 31 52 -8 61 Three observations Radcliffe Transit Circle, 1899.

In the computation of the parallaxes the adopted value of the Sun's mean horizontal parallax is 8".85, and the geocentric distances, Δ, are taken from the Astronomische Nachrichten, No. 3554.

Observer: Mr. W. H. Robinson.