# REPORT ON ECLIPSE OBSERVATIONS, BUCHAREST

By Director Stefan C. Hepites.

## BUCURESCI, ROUMANIA, MAY 17, 1901 (TEMPS ASTRONOMIQUE DE GREENWICH).

*Observations Magnétiques.*

| Déclinaison, 4° Ouest + | | | | | | | |
|---|---|---|---|---|---|---|---|
| Min. . . | 14h . . . | 15h . . . | 16h . . . | 17h . . . | 18h . . . | 19h . . . | 20h . . . |
| m | ' | ' | ' | ' | ' | ' | ' |
| 0 | 11.0 | 10.6 | 9.6 | 9.0 | 9.4 | 10.8 | 13.2 |
| 1 | 11.2 | 10.8 | 9.4 | 9.0 | 9.4 | 10.8 | 13.2 |
| 2 | 11.0 | 10.8 | 9.4 | 9.0 | 9.4 | 11.0 | 13.4 |
| 3 | 11.2 | 10.4 | 9.6 | 9.2 | 9.4 | 11.0 | 13.4 |
| 4 | 11.4 | 10.6 | 9.6 | 9.2 | 9.4 | 11.0 | 13.4 |
| 5 | 11.4 | 10.6 | 9.4 | 9.2 | 9.4 | 11.2 | 13.4 |
| 6 | 11.4 | 10.6 | 9.6 | 9.2 | 9.4 | 11.2 | 13.4 |
| 7 | 11.2 | 10.4 | 9.6 | 9.2 | 9.4 | 11.2 | 13.6 |
| 8 | 11.4 | 10.2 | 9.4 | 9.2 | 9.4 | 11.2 | 13.6 |
| 9 | 11.4 | 10.2 | 9.4 | 9.2 | 9.4 | 11.2 | 13.6 |
| 10 | 11.2 | 10.2 | 9.4 | 9.2 | 9.4 | 11.2 | 13.8 |
| 11 | 11.0 | 10.2 | 9.4 | 9.2 | 9.4 | 11.2 | 13.8 |
| 12 | 11.2 | 10.0 | 9.4 | 9.2 | 9.6 | 11.2 | 13.8 |
| 13 | 11.2 | 10.0 | 9.4 | 9.2 | 9.6 | 11.2 | 13.8 |
| 14 | 11.2 | 10.0 | 9.4 | 9.2 | 9.6 | 11.2 | 13.8 |
| 15 | 11.4 | 9.8 | 9.4 | 9.2 | 9.6 | 11.2 | 13.8 |
| 16 | 11.4 | 10.0 | 9.4 | 9.2 | 9.6 | 11.4 | 13.8 |
| 17 | 11.4 | 9.8 | 9.4 | 9.2 | 9.6 | 11.4 | 13.8 |
| 18 | 11.2 | 9.8 | 9.6 | 9.2 | 9.6 | 11.4 | 13.8 |
| 19 | 11.2 | 9.8 | 9.4 | 9.2 | 9.6 | 11.6 | 13.8 |
| 20 | 11.4 | 9.8 | 9.4 | 9.2 | 9.6 | 11.8 | 13.8 |
| 21 | 11.4 | 9.8 | 9.4 | 9.2 | 9.6 | 11.8 | 13.8 |
| 22 | 11.2 | 9.8 | 9.4 | 9.2 | 9.6 | 11.8 | 13.0 |
| 23 | 11.2 | 9.8 | 9.6 | 9.2 | 9.6 | 11.8 | 14.0 |
| 24 | 11.0 | 9.8 | 9.6 | 9.2 | 9.6 | 12.0 | 14.0 |
| 25 | 11.0 | 9.8 | 9.4 | 9.2 | 9.6 | 12.0 | 14.0 |
| 26 | 11.2 | 9.8 | 9.4 | 9.2 | 9.8 | 12.2 | 14.0 |
| 27 | 11.0 | 9.8 | 9.4 | 9.0 | 9.8 | 12.2 | 14.0 |
| 28 | 11.2 | 9.8 | 9.4 | 9.0 | 9.8 | 12.2 | 14.0 |
| 29 | 11.0 | 9.8 | 9.4 | 9.0 | 9.8 | 12.4 | 14.2 |
| 30 | 11.0 | 9.8 | 9.6 | 9.0 | 9.8 | 12.4 | 14.2 |
| 31 | 11.0 | 9.8 | 9.4 | 9.0 | 9.8 | 12.4 | 14.2 |
| 32 | 11.0 | 9.6 | 9.4 | 9.0 | 9.8 | 12.4 | 14.2 |
| 33 | 11.0 | 9.8 | 9.4 | 9.0 | 9.8 | 12.4 | 14.2 |
| 34 | 11.0 | 9.6 | 9.2 | 9.0 | 9.8 | 12.4 | 14.2 |
| 35 | 11.0 | 9.8 | 9.4 | 9.0 | 9.8 | 12.4 | 14.4 |
| 36 | 11.0 | 9.8 | 9.4 | 9.0 | 9.8 | 12.4 | 14.4 |
| 37 | 11.2 | 9.6 | 9.4 | 9.0 | 9.8 | 12.6 | 14.4 |
| 38 | 11.0 | 9.6 | 9.2 | 9.0 | 9.8 | 12.6 | 14.4 |
| 39 | 11.0 | 9.6 | 9.2 | 9.0 | 9.8 | 12.6 | 14.4 |
| 40 | 11.2 | 9.6 | 9.2 | 9.0 | 9.8 | 12.6 | 14.6 |
| 41 | 11.0 | 9.6 | 9.0 | 9.0 | 9.8 | 12.6 | 14.6 |
| 42 | 11.2 | 9.6 | 9.2 | 9.0 | 10.0 | 12.6 | 14.6 |
| 43 | 11.2 | 9.6 | 9.0 | 9.0 | 10.0 | 12.8 | 14.6 |
| 44 | 11.0 | 9.8 | 9.2 | 9.0 | 10.0 | 12.8 | 14.8 |
| 45 | 11.2 | 9.6 | 9.2 | 9.0 | 10.2 | 12.8 | 14.8 |
| 46 | 11.0 | 9.6 | 9.0 | 9.2 | 10.2 | 12.8 | 14.8 |
| 47 | 11.0 | 9.6 | 9.0 | 9.2 | 10.2 | 12.8 | 14.8 |
| 48 | 11.2 | 9.6 | 9.0 | 9.2 | 10.2 | 12.8 | 14.8 |
| 49 | 11.0 | 9.6 | 9.0 | 9.2 | 10.2 | 13.0 | 14.8 |
| 50 | 10.8 | 9.6 | 9.2 | 9.2 | 10.2 | 13.0 | 15.0 |
| 51 | 10.8 | 9.6 | 9.2 | 9.2 | 10.2 | 13.0 | 15.0 |
| 52 | 10.8 | 9.6 | 9.2 | 9.2 | 10.2 | 13.0 | 15.0 |
| 53 | 10.8 | 9.6 | 9.2 | 9.2 | 10.2 | 13.0 | 15.2 |
| 54 | 11.0 | 9.6 | 9.2 | 9.2 | 10.2 | 13.0 | 15.2 |
| 55 | 10.6 | 9.4 | 9.2 | 9.2 | 10.4 | 13.0 | 15.4 |
| 56 | 10.8 | 9.6 | 9.2 | 9.4 | 10.4 | 13.0 | 15.4 |
| 57 | 10.8 | 9.4 | 9.2 | 9.2 | 10.4 | 13.2 | 15.4 |
| 58 | 10.6 | 9.6 | 9.2 | 9.2 | 10.6 | 13.2 | 15.6 |
| 59 | 10.4 | 9.6 | 9.0 | 9.4 | 10.6 | 13.2 | 15.6 |
| 60 | 10.6 | 9.6 | 9.0 | 9.4 | 10.8 | 13.2 | 15.6 |

*Observations Météorologiques.*

| Heures de Greenwich | Baromètre à 0° 750+ | Psichromètre Assmann Therm. Sec | Psichromètre Assmann Therm. mouillé | Nébulosité (0–10) | Vent Direction et Force (0–12) | | Nuages |
|---|---|---|---|---|---|---|---|
| h m | m m | C° | C° | | | | |
| 14 0 | 1.07 | 9.°2 | 8.°1 | 1 | NW | 1 | S |
| 5 | 1.09 | 9.1 | 8.0 | 1 | NW | 1 | S |
| 10 | 1.09 | 9.0 | 8.0 | 1 | NW | 1 | S |
| 15 | 1.08 | 9.0 | 8.0 | 1 | NW | 1 | S |
| 20 | 1.08 | 9.0 | 8.0 | 1 | NW | 1 | S |
| 25 | 1.12 | 9.1 | 8.1 | 1 | NW | 1 | S |
| 30 | 1.12 | 9.6 | 8.3 | 1 | NW | 1 | S |
| 35 | 1.21 | 9.4 | 8.2 | 1 | WNW | 1 | S A-Cu |
| 40 | 1.18 | 7.8 | 7.2 | 1 | WSW | 1 | A-Cu |
| 45 | 1.19 | 8.4 | 7.5 | 1 | WNW | 1 | A-Cu |
| 50 | 1.22 | 7.5 | 6.9 | 1 | W | 1 | A-Cu |
| 55 | 1.29 | 7.4 | 6.9 | 1 | C | 0 | S |
| 15 0 | 1.29 | 7.3 | 6.9 | 1 | C | 0 | S |
| 5 | 1.29 | 7.3 | 6.9 | 1 | WSW | 1 | S |
| 10 | 1.36 | 7.3 | 6.9 | 1 | C | 0 | S |
| 15 | 1.42 | 7.7 | 7.2 | 1 | WSW | 1 | S |
| 20 | 1.49 | 7.6 | 7.2 | 0 | C | 0 | |
| 25 | 1.52 | 7.9 | 7.4 | 1 | C | 0 | Cu |
| 30 | 1.54 | 8.1 | 7.4 | 1 | C | 0 | Cu |
| 35 | 1.54 | 8.5 | 7.7 | 1 | C | 0 | Cu |
| 40 | 1.55 | 8.7 | 7.8 | 1 | C | 0 | Cu, A-Cu |
| 45 | 1.55 | 9.0 | 8.1 | 1 | C | 0 | Cu, A-Cu |
| 50 | 1.49 | 9.2 | 8.2 | 1 | C | 0 | Cu, A-Cu |
| 55 | 1.49 | 9.7 | 8.5 | 1 | C | 0 | A-Cu |
| 16 0 | 1.53 | 9.8 | 8.6 | 1 | C | 0 | A-Cu |
| 5 | 1.53 | 10.1 | 9.0 | 1 | C | 0 | A-Cu |
| 10 | 1.59 | 10.8 | 9.2 | 1 | C | 0 | A-Cu |
| 15 | 1.64 | 11.1 | 9.6 | 1 | C | 0 | A-Cu |
| 20 | 1.59 | 11.6 | 10.0 | 1 | C | 0 | S |
| 25 | 1.59 | 11.3 | 9.9 | 1 | C | 0 | S |
| 30 | 1.59 | 11.8 | 10.2 | 1 | C | 0 | S |
| 35 | 1.65 | 12.2 | 10.3 | 1 | C | 0 | S |
| 40 | 1.65 | 12.6 | 10.5 | 1 | C | 0 | S |
| 45 | 1.59 | 12.8 | 10.2 | 1 | C | 0 | S |
| 50 | 1.59 | 13.5 | 10.8 | 1 | C | 0 | S |
| 55 | 1.54 | 13.6 | 10.7 | 1 | C | 0 | S |
| 17 0 | 1.58 | 13.8 | 10.9 | 1 | C | 0 | S |
| 5 | 1.59 | 14.4 | 11.1 | 1 | C | 0 | S |
| 10 | 1.64 | 14.8 | 11.6 | 1 | C | 0 | S |
| 15 | 1.58 | 15.3 | 11.8 | 1 | C | 0 | S |
| 20 | 1.63 | 15.2 | 11.5 | 1 | C | 0 | S |
| 25 | 1.63 | 16.1 | 12.4 | 1 | C | 0 | S |
| 30 | 1.71 | 16.0 | 11.2 | 1 | C | 0 | S |
| 17 35 | 1.87 | 16.°4 | 11.°0 | 1 | C | 0 | S |
| 40 | 1.86 | 16.6 | 12.4 | 1 | C | 0 | S |
| 45 | 1.90 | 17.2 | 11.5 | 1 | W | 1 | S |
| 50 | 1.91 | 17.0 | 12.4 | 1 | E | 1 | S |
| 55 | 1.92 | 17.6 | 12.6 | 1 | E | 1 | S |
| 18 0 | 1.92 | 17.4 | 12.6 | 1 | E | 1 | S |
| 5 | 1.92 | 17.6 | 12.6 | 1 | ESE | 1 | Ci.-S |
| 10 | 1.93 | 17.5 | 12.6 | 1 | ESE | 1 | Ci.-S |
| 15 | 1.95 | 18.0 | 13.0 | 1 | ESE | 1 | Ci.-S |
| 20 | 1.92 | 17.8 | 12.6 | 1 | ESE | 1 | Ci.-S |
| 25 | 1.92 | 18.4 | 13.4 | 1 | SE | 1 | Ci.-S |
| 30 | 1.93 | 18.2 | 13.0 | 1 | SE | 1 | Ci.-S |
| 35 | 2.01 | 18.6 | 13.2 | 1 | SE | 1 | Ci.-S |
| 40 | 2.09 | 18.6 | 13.3 | 1 | SE | 1 | Ci.-S |
| 45 | 2.19 | 18.9 | 13.3 | 1 | SE | 1 | Ci.-S |
| 50 | 2.27 | 18.4 | 13.1 | 1 | SSE | 1 | Ci.-S |
| 55 | 2.37 | 18.6 | 12.8 | 2 | SSE | 1 | Ci.-S |
| 19 0 | 2.32 | 18.8 | 13.4 | 2 | SSE | 1 | Ci.-S |
| 5 | 2.37 | 19.6 | 13.6 | 2 | SSE | 1 | Ci.-S |
| 10 | 2.36 | 19.4 | 13.6 | 2 | SSE | 1 | Ci.-S |
| 15 | 2.37 | 19.2 | 13.2 | 2 | SE | 1 | Ci.-S |
| 20 | 2.43 | 18.9 | 13.8 | 2 | ESE | 1 | Ci.-S |
| 25 | 2.43 | 19.1 | 13.4 | 2 | SSE | 1 | Ci.-S |
| 30 | 2.39 | 19.6 | 13.6 | 2 | SSE | 1 | Ci.-S |
| 35 | 2.38 | 19.6 | 13.2 | 2 | SE | 1 | Ci.-S |
| 40 | 2.43 | 20.2 | 13.4 | 2 | SE | 1 | Ci.-S |
| 45 | 2.43 | 18.9 | 12.2 | 2 | SE | 1 | Ci.-S |
| 50 | 2.48 | 19.7 | 13.1 | 2 | ESE | 1 | Ci.-S |
| 55 | 2.48 | 19.6 | 13.2 | 2 | ESE | 1 | Ci.-S |
| 20 0 | 2.49 | 19.6 | 13.7 | 2 | E | 1 | Ci.-S |
| 5 | 2.49 | 19.6 | 12.8 | 2 | E | 1 | Ci.-S |
| 10 | 2.46 | 20.6 | 14.0 | 2 | SSE | 1 | Ci.-S |
| 15 | 2.49 | 19.7 | 13.2 | 2 | SE | 1 | Ci.-S |
| 20 | 2.53 | 20.4 | 13.4 | 2 | E | 1 | Ci. S Cu |
| 25 | 2.53 | 20.5 | 13.7 | 2 | E | 1 | Ci. S Cu |
| 30 | 2.53 | 21.6 | 14.8 | 2 | E | 1 | Ci. S Cu |
| 35 | 2.53 | 21.9 | 14.9 | 3 | ENE | 1 | Ci. S Cu |
| 40 | 2.53 | 20.6 | 13.0 | 3 | C | 0 | Ci. S Cu |
| 45 | 2.53 | 21.3 | 14.1 | 3 | ENE | 1 | Ci. S Cu |
| 50 | 2.48 | 21.0 | 13.0 | 3 | C | 0 | Ci. S Cu |
| 55 | 2.53 | 22.4 | 14.8 | 3 | SSE | 1 | Ci. S Cu |
| 21 0 | 2.53 | 20.7 | 13.2 | 3 | SSE | 1 | Ci. S Cu |