

MONTHLY REPORT OF SUNSPOT OBSERVATION

Asahikawa Astronomical Observatory
20cm Refractor ×50 Projection 20cm

2020
April

| Date | J. S. T. | | N. Hemi- sphere | | S. Hemi- sphere | | Whole Disk | | C. C. Zone | | Relative Number | | Seeing | Remarks |
|------|----------|----|--------------------|---|--------------------|---|---------------|---|---------------|---|--------------------|-------|--------|---------|
| | h | m | g | f | g | f | g | f | g | f | W. D. | C. Z. | | |
| 1 | 9 | 20 | 1 | 2 | 0 | 0 | 1 | 2 | 0 | 0 | 12 | 0 | 2 | |
| 2 | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | |
| 4 | 9 | 10 | 1 | 5 | 0 | 0 | 1 | 5 | 0 | 0 | 15 | 0 | 3 | |
| 5 | 10 | 05 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | |
| 6 | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | |
| 8 | 9 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | |
| 9 | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | |
| 11 | 9 | 05 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | |
| 12 | 8 | 55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | |
| 13 | | | | | | | | | | | | | | |
| 14 | 9 | 05 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | |
| 15 | 9 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | |
| 16 | | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | | |
| 18 | 9 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | |
| 19 | 9 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | |
| 20 | | | | | | | | | | | | | | |
| 21 | 9 | 05 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | |
| 22 | 8 | 40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | |
| 23 | | | | | | | | | | | | | | |
| 24 | | | | | | | | | | | | | | |
| 25 | 10 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | |
| 26 | | | | | | | | | | | | | | |
| 27 | | | | | | | | | | | | | | |
| 28 | 11 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | |
| 29 | | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | |

Mean
R. N.

1.9

0.0

1.9 0.0

Obs. Days 14

Observer
Y. Kondo