# Kodaikanal Observatory.

## BULLETIN No. V.

## LIST OF PROMINENCES OBSERVED BETWEEN 1905 JANUARY 1 AND 1905 JUNE 30.

THE following list is a continuation of that published in Bulletin No. II., but differs from it in containing not only the prominences that were recorded visually but also those that have been photographed with the spectroheliograph. The visual observations have been made throughout with the Evershed 3-prism spectroscope, and mainly in the hydrogen line C. The spectroheliograms used are those taken in the calcium line H, usually with an exposure of from $3\frac{1}{2}$ to 4 minutes. When a prominence entered in the list was photographed but not observed (for any reason) "Ca" is entered in the remark column, and when there was a marked difference between the shape or size of the prominence as seen and as photographed attention is called to the fact either in the remark column or in the notes.

So far as a general conclusion can be arrived at from 15 months' observations it may be stated that near the time of sunspot maximum the prominences as seen in hydrogen agree, as a rule, very closely in form with those photographed in calcium light. There are a few prominences seen in hydrogen which are not photographed in calcium, and apparently a rather larger number photographed in calcium which are not seen in hydrogen. It would however be unsafe, without farther examination, to conclude that all those photographed but not seen were actually absent in hydrogen. In some cases at least it is almost certain that they were only too faint to be seen against the bright background of a sky covered with thin clouds. But while, in the main, the calcium and hydrogen prominences agree very closely with each other there are frequently very marked differences to be found, especially in the outlying parts. Faint streamers are much more abundant in the photographs than in the drawings but in some cases this also may be due to their faintness though it seems not always to be the case. The chief difference between the two classes, however, is that in a very large number of cases the calcium prominences are more "continuous" than the hydrogen ones. The word "continuous" perhaps hardly expresses the matter accurately but it is difficult to find a better. In a large number of cases the hydrogen prominences consist of a network of fine jets or filaments and in most of these cases it is found that calcium partly or completely fills in the interstices. This is not an illusion due to want of definition in the photographs, which, under favourable conditions, show the finest details of the prominences quite sharply.

It may be mentioned that spectroheliograms of the disc occasionally show prominences extending to a considerable distance inside the limb either (1) as an area of very dark flocculi or (2) as an area less dark than the surrounding area, *i.e.*, indicating greater absorption. In this connection reference may be made to the *note* for March 2nd, when the displaced C line which was bright beyond the limb could be seen on the disc (still displaced) as a dark line.

The heights given in the tables are measured from the chromosphere and not from the photosphere. The details of spectra given in the notes make no claim to being complete, and the absence of any bright line from the list must not be taken as an indication that it was actually absent from the spectrum, but only that it was not conspicuous. Time is rarely available for anything like a complete examination of prominence spectra.

| Date and observer. | Hour M.M.T. | Base. | Latitude. North. | Latitude. South. | Limb. | Height. | Remarks. |
|---|---|---|---|---|---|---|---|
| 1905. | H. M. | ° | ° | ° | | " | |
| January 4. S.S. | 13 39 | ... | 69 | ... | W | 24 | Thin pillars. |
| | | | 46 | | W | 30 | |
| | 47 | | 7 | | W | 42 | Slanting and curved } Connected at base. |
| | | | 2 | | W | 24 | Broad } Connected at base. |
| | | | | 2 | W | 30 | Inclining northwards } Connected at base. |
| | 54 | | | 27 | W | 120 | *See* Note. |
| | 14 5 | | | 60 | W | 30 | Pillar-like, wide at top. |
| | 12 | | | 29 | E | 48 | Bright, tree-like. |
| | | | | 27 | E | | Low; joined to prominence Lat. at—29° E by a streak. |
| | 18 | | 9 | | E | 42 | A bright point floating away from the chromosphere. |
| | 20 | | 21 | | E | | Low. |
| | 24 | | 46 | | E | 36 | Broad, bright, rectangular. |
| Do. 5. S.S. | 9 36 | 6 | 45 | ... | E | 30 | |
| | | 4 | 23 | | E | | A low bank. |
| | 20 | 2 | 10·5 | | E | 24 | *See* Note. |
| | 16 | 1·5 | | 15 | E | 24 | |
| | 16 | 1 | | 17 | E | 24 | |
| | 8 57 | 5 | | 27·5 | E | 30 | |
| | | 1 | | 53 | E | | Low, bright. |
| | 53 | 4 | | 30 | W | 120 | |
| | | | | 26 | W | 24 | |
| | 51 | 2 | | 2 | W | 30 | |
| | 9 48 | | 41 | | W | 48 | Detached from the chromosphere. |
| | | | 42 | | W | 48 | Do. |
| | | | 45 | | W | 30 | Very faint. |
| | 43 | | 66 | | W | 42 | |
| | 43 | | 69 | | W | 42 | |
| Do. 6. S.S. | 11 45 | ... | ... | 66 | E | 30 | Pyramidal. |
| | | | | 54 | E | | The chromosphere was disturbed for 2° on either side. |
| | | | | 47 | E | | A low bank. |
| | | | | 22 | E | 30 | Conical, slanting eastwards. |
| | 52 | | 2 | | E | 24 | Two, broad, close to each other. |
| | 53 | 6 | 30 | | E | 30 | *See* Note. |
| Do. 7. S.S. | ... | 1·5 | 60 | ... | E | ... | Low, faint. |
| | 9 5 | 4 | 39·5 | | E | 30 | |
| | 8 59 | 7 | 10·5 | | E | | Eruptive, a continuous mass at base. |
| | 55 | | 2 | | E | 42 | |
| | 50 | 2 | | 7·5 | E | 24 | *See* Note. |
| | 44 | | | 37 | E | 30 | Eruptive. |
| | 37 | 2 | | 64 | E | 30 | |
| | | | | 84 | W | 24 | |
| | 10 33 | 1 | | 66·5 | W | 60 | |
| | 20 | | | S | W | 36 | Detached from the chromosphere; broad. |
| | 20 | | | 5 | W | 30 | |
| | 20 | | | 3·5 | W | 30 | |
| | | | | 2 | W | | Small, bright cone. |
| | 9 32 | 1 | 12 | | W | 24 | |
| | | | 42 | | W | 24 | |
| | 27 | | 45 | | W | 30 | |
| | 24 | 5 | 66 | | W | 48 | |
| | | 0·5 | 72 | | W | | Small, bright. |
| Do. 8. S.S. | ... | 10 | 34 | ... | E | ... | *See* Note. |
| | 11 3 | 7 | 7·5 | | E | 30 | Bright. |
| | 0 | 0·5 | | 1 | E | 24 | |
| | | 1 | | 4 | E | 24 | |
| | 0 | 0·5 | | 6 | E | | Low. |
| | | 1 | | 5 | W | 48 | |
| | | 1 | 23 | | W | 48 | |
| | | | 44 | | W | 30 | |
| | 6 | | 68 | | W | 24 | |
| Do. 9. S.S. | ... | ... | 69 | ... | E | .. | Small, faint. |
| | | 0·5 | 46 | | E | | Low. |
| | 9 35 | 14 | 15 | | E | 48 | Eruptive. Rapidly changing. |
| | | | | 6 | E | | Low bright. |

| Date and observer. | Hour M.M.T. | Base. | Latitude. North. | Latitude. South. | Limb. | Height. | Remarks. |
|---|---|---|---|---|---|---|---|
| 1905. | H. M. | ° | ° | ° | | " | |
| January 9 S.S. | ... | | ... | 12 | E | ... | The chromosphere was disturbed in this region. |
| | 9 28 | 2·5 | | 43·5 | E | | Low. |
| | 25 | 1 | | 64 | E | 24 | Faint, double. |
| | | | | 77 | W | | Numerous, little bright jets. |
| | 20 | 1·5 | | 71 | W | 30 | |
| | | 0·5 | | 53 | W | | Low, double. |
| | | | | 25 | W | | A low faint cloud. |
| | | | | 20 | W | | A bright speck in the chromosphere. |
| | | | | 4 | W | | Two bright jets. |
| | 9 12 | | 16 | | W | 30 | |
| | 7 | 1 | 45·5 | | W | 24 | |
| | 0 | 11 | 64·5 | | W | 36 | Eruptive. |
| Do. 10. G.N. | 9 54 | ... | 67·5 | ... | E | 36 | Detached from the chromosphere. |
| | 52 | 0·5 | 62 | | E | 24 | |
| | | 0·5 | 60 | | E | 24 | |
| | 48 | 3 | 11·5 | | E | 60 | Very bright. |
| | 44 | 0·5 | | 12 | E | 36 | |
| | 40 | | | 33 | E | 36 | Detached from the chromosphere. |
| | 40 | 0·5 | | 43 | E | 24 | |
| | 40 | 0·5 | | 45 | E | 12 | |
| | 35 | 1·5 | | 52 | E | 30 | |
| | 30 | | | 64 | E | 18 | |
| | 10 6 | 1·5 | | 79·5 | W | 36 | |
| | 0 | | 55 | | W | 24 | |
| | 9 58 | 6 | 65 | | W | 48 | |
| Do. 11. S.S. | ... | 2 | 27 | ... | E | ... | The chromosphere was bright. |
| | | 2 | 11 | | E | 24 | A few rather short spikes. |
| | 10 27 | | | 9 | E | | Small, bright. |
| | 13 | 2 | | 43 | E | 30 | |
| | | 2 | | 81 | E | | The chromosphere was bright. |
| | 11 18 | 2·5 | | 23 | W | 24 | |
| | 18 | | | 20 | W | 30 | *See* Note 1. |
| | 16 | 2 | | 13·5 | W | | Very bright, low. |
| | 14 | 2 | 13 | | W | 24 | Eruptive, very bright. |
| | 12 | 5 | 22 | | W | 30 | Eruptive, arch-like. |
| | | | 48 | | W | | *See* Note 2. |
| | | 1 | 54 | | W | | Low, bright. |
| | | | 63 | | W | 30 | |
| Do. 12. S.S. | 9 15 | 4 | 38 | ... | E | 36 | |
| | | | 32 | | E | 24 | |
| | | 0·5 | 29 | | E | | A low cone. |
| | 9 | 4 | 20 | | E | 24 | |
| | | | 12 | | E | 24 | |
| | | | | 18 | E | 24 | A close double. |
| | 0 | | | 53 | E | 24 | |
| | | 1·5 | | 78 | W | | Low, broad, cone-like. |
| | | | | 47 | W | | Low, slanting. |
| | 33 | 3 | | 31·5 | W | 24 | *See* Note. |
| | | 2 | 6 | | W | | Low, bright double. |
| | | 1 | 12 | | W | | |
| | | 2 | 19 | | W | | |
| | 28 | 2·5 | 25·5 | | W | 24 | |
| | 27 | 1 | 29·5 | | W | 24 | |
| | 22 | 2 | 52 | | W | 36 | A close double. |
| | 20 | 1·5 | 60 | | W | 42 | Do |
| Do. 13 G.N. | 10 26 | 4 | 32·5 | ... | E | ... | *See* Note. |
| | 23 | 1·5 | | 32 | E | | Spreads out at the top. |
| | 15 | | | 43 | E | | Bright, low. |
| | 45 | 10 | | 32 | W | | Large. |
| | 43 | 4 | 19 | | W | | |
| | 40 | 3 | 39 | | W | | |
| | | 3 | 43 | | W | | |
| | 35 | 3·5 | 54 | | W | | |
| | | 1 | 59 | | W | | |
| | 32 | | 83 | | W | | |

| Date and observer. | Hour M.M.T. | Base. | Latitude. North. | Latitude. South. | Limb. | Height. | Remarks. |
|---|---|---|---|---|---|---|---|
| 1905. | H. M. | ° | ° | ° | | ″ | |
| January 14. S.S. | ... | 2 | 68 | ... | E | ... | |
| | 10 15 | 0·5 | 49 | | E | 30 | *See* Note 1. |
| | 10 | 5 | 29·5 | | E | 24 | Bright. |
| | 3 | 4 | 21·5 | | E | 60 | *See* Note 2. |
| | 9 58 | 1 | | 15 | E | | Low, faint, but rapidly changing. |
| | | 4 | | 32·5 | E | | Low jets. |
| | | 3 | | 54 | E | | Two low cones close to each other. |
| | 51 | | | 65·5 | E | 30 | A close double, one of them detached from the chromosphere. |
| | | 4 | | 36 | W | 24 | |
| | | 1·5 | | 17 | W | 24 | |
| | 10 55 | | | 11 | W | 24 | |
| | 40 | 10 | 22 | | W | 90 | Very bright, but no metallic lines. |
| | | | 36 | | W | 24 | |
| | 35 | | 44 | | W | 30 | Top large. |
| | | | 49 | | W | 24 | |
| | 25 | 8 | 54 | | W | 90 & 24 | |
| | | | 61 | | W | 24 | |
| | 19 | 0·5 | 78 | | W | 24 | A close double. |
| Do. 15. G.N. | ... | 2 | 44·5 | ... | E | ... | Low. |
| | | 2 | 34 | | E | | Low, massive. |
| | 10 35 | 4 | 19 | | E | 18 | |
| | 34 | 3 | 9·5 | | E | 18 | |
| | 32 | 1 | | 8 | E | 50 | |
| | | 2 | | 11 | E | | Low. |
| | 28 | 4 | | 36 | E | 32 | |
| | 25 | 1 | | 72 | E | 24 | |
| | 11 10 | 3 | | 33 | W | 40 | |
| | | 2 | | 20 | W | | |
| | 7 | 2 | | 15·5 | W | 24 | Three, close to one another. |
| | 5 | 10 | 1 | | W | 54 | |
| | 0 | 16 | 23 | | W | 108 | |
| | | 1·5 | 74 | | W | | |
| Do. 16. S.S. | ... | 2·5 | 72·5 | ... | E | ... | |
| | 10 26 | 0·5 | 63 | | E | 24 | |
| | 25 | | 59 | | E | 24 | Detached from the chromosphere. |
| | | 1 | 42 | | E | 24 | |
| | 21 | 4·5 | 36 | | E | 60 | An irregular arch. |
| | 21 | 1 | 32·5 | | E | 60 | |
| | | 1 | 24 | | E | | Low, massive. |
| | 9 | 5 | 17·5 | | E | 24 | Arch-like, eruptive. |
| | | 1·5 | 7 | | E | | Bright. |
| | 2 | 8 | | 12 | E | 30 | Two, irregular, arched, connected to each other. |
| | 9 54 | 5 | | 32 | E | 60 | |
| | 50 | 1 | | 48 | E | 24 | Faint. |
| | | 1 | | 65 | E | | Low, bright. |
| | 40 | 4 | | 75 | E | 24 | Eruptive, rapidly changing. |
| | | 2 | | 79 | W | 24 | |
| | | | | 64 | W | 30 | |
| | | 1 | | 62 | W | 24 | |
| | 10 58 | 2 | | 59 | W | 48 | |
| | 53 | 3·5 | | 35 | W | 54 | Bright, massive, eruptive. |
| | 48 | 3·5 | | 2 | W | 24 | |
| | 40 | 5 | 25·5 | | W | 120 | *See* Note. |
| Do. 17. G.N. | 10 30 | 4 | 62 | ... | E | 18 | |
| | 29 | | 54 | | E | 18 | A close double. |
| | 26 | 1 | 8 | | E | 44 | Tree-like. |
| | 20 | 4 | | 30 | E | 110 | |
| | 5 | 7 | | 49·5 | E | 60 | |
| | 55 | | | 85 | W | 18 | |
| | 50 | | | 61 | W | 50 & 80 | |
| | | | | 41·5 | W | 55 | |
| | 45 | 2 | | 38 | W | 55 | |
| | 43 | 4 | | 4 | W | 70 | |
| | 33 | 1 | 58·5 | | W | 55 | |
| Do. 18. S.S. | 10 8 | 4 | 62 | ... | E | 24 | |
| | | 1 | 52 | | E | | A low arch. |
| | | | 8 | | E | | A low slanting hook. |

| Date and observer. | Hour M.M.T. | Base. | Latitude. North. | Latitude. South. | Limb. | Height. | Remarks. |
|---|---|---|---|---|---|---|---|
| 1905. | H. M. | ° | ° | ° | | " | |
| January 18. S.S. | ... | 1 | ... | 7 | E | ... | Low, massive. |
| | | 2 | | 19 | E | | Low, close double. |
| | 9 45 | 6 | | 29 | E | 48 | *See* Note 1. |
| | 45 | 1 | | 34 | E | 48 | |
| | 36 | 9 | | 47·5 | E | 60 | |
| | | | | 66 | E | 24 | |
| | 32 | | | 68 | E | 24 | A bright forked jet. |
| | | | | 47 | W | | Low, slanting. |
| | | 3·5 | | 39 | W | | |
| | 40 | 14 | | 9 | W | 60 & 24 | *See* Note 2. |
| | | 1 | 16 | | W | | A low arch. |
| | | | 20 | | W | | Low, slanting. |
| | 10 21 | 1·5 | 23 | | W | 21 | |
| | | | 71 | | W | 42 | |
| | | 0·5 | 84 | | W | | A low close double. |
| Do. 19. G.N. | ... | 0·5 | 67 | ... | E | ... | |
| | 9 54 | 3 | 63 | | E | 40 | |
| | 50 | | 13 | | E | 24 | |
| | | 3 | | 29·5 | E | | |
| | | 2 | | 35 | E | 30 | |
| | 45 | | | 38·5 | E | | Low. |
| | 45 | | | 40 | E | 55 | |
| | 40 | 2 | | 48 | E | 55 | |
| | 10 34 | | | 76 | W | 30 | |
| | 30 | 0·5 | | 37 | W | 70 | Top very broad and very nearly meets the limb again at Lat. −32°W. |
| | 30 | | | 29 | W | 60 | |
| | 15 | 8 | | 19 | W | 40 | *See* Note. |
| | | | 17 | | W | 30 | |
| | 5 | 5 | 24·5 | | W | 60 | The base extends to Lat. + 33°W. |
| | 59 | | 43 | | W | 12 | |
| | | | 58·5 | | W | | Three low ones close to one another. |
| | 50 | 5 | 67·5 | | W | 175 | |
| Do. 20. S.S. | ... | 1 | 62 | ... | E | ... | Low. |
| | 10 20 | 1 | 60 | | E | 24 | |
| | | 2 | | 14 | E | | A low arch. |
| | 2 | 1 | | 32 | E | 24 | |
| | 30 | 4 | | 49 | E | 60 | |
| | | | | 55 | E | 24 | |
| | 36 | 1·5 | | 64 | E | 48 | |
| | | 1 | | 66 | E | | A close double. |
| | 9 46 | | | 63 | W | | Low, slanting. |
| | 46 | 1·5 | | 60 | W | 30 | Two, close together. |
| | | | | 48 | W | 24 | |
| | | 1 | | 45 | W | 20 | |
| | 52 | 5 | | 25·5 | W | 24 | Very bright, eruptive. |
| | 10 0 | 5 | 25·5 | | W | 24 & 30 | |
| | | 1·5 | 36 | | W | | Low. Two close to each other. |
| | 6 | | 43 | | W | 30 | A faint cloud detached from the chromosphere. |
| | | 1 | 50 | | W | | Low. Two close to each other. |
| | | | 54 | | W | | Low, faint, slanting. |
| | 10 | 3 | 65 | | W | 72 | |
| Do. 21. S.S. | 10 31 | 2·5 | 63 | ... | E | 60 | |
| | 27 | | 42 | | E | 48 | |
| | 20 | 4 | 23 | | E | 84 & 48 | Three prominences connected to one another. |
| | 20 | 2 | 19 | | E | | Low. |
| | | | | 11 | E | | Low. |
| | | | | 17 | E | | Low. |
| | 2 | | | 34 | E | 36 | |
| | | 0·5 | | 36 | E | 36 | |
| | | 0·5 | | 41 | E | 48 | |
| | 9 55 | 2·5 | | 63·5 | E | 72 | A sharp cone. |
| | 10 46 | 2 | | 60·5 | W | 42 | Do. |
| | | 1·5 | | 30 | W | | Low. |
| | | 3 | | 25 | W | | Low. |
| | 40 | | 4 | | W | 30 | Vertical jet with branches at right angles. |
| | 37 | 3 | 20·5 | | W | 36 | *See* Note. |
| | 33 | 3 | 85 | | E | 48 | |

| Date and observer. | Hour M.M.T. | Base. | Latitude. | | Limb. | Height. | Remarks. |
|---|---|---|---|---|---|---|---|
| | | | North. | South. | | | |
| 1905. | H. M. | ° | ° | ° | | ″ | |
| January 22. G.N. | ... | 2·5 | 68 | ... | E | ... | Low. |
| | 10 12 | 4 | 65 | | E | 90 | |
| | 5 | 2 | 42 | | E | 180 | A tall cone. |
| | 9 55 to 10 0 | 12 | 22 | | E | 90 & 30 | Four prominences, all connected at top. |
| | 9 52 | 0·5 | | 22 | E | 24 | |
| | 50 | | | 51 | E | 12 | |
| | 45 | 1 | | 58·5 | E | | Low. |
| | 45 | 1·5 | | 61 | E | | Low. |
| | 45 | 1 | | 64 | E | | Low. |
| | 42 | | | 85 | | 54 | Detached from chromosphere. |
| | 30 | 9 | | 63·5 | W | 90 | |
| | 25 | 1 | 4 | | W | 18 | |
| | 25 | 0·5 | 7 | | W | 30 | |
| | 25 | 0·5 | 9 | | W | 18 | |
| | 25 | 0·5 | 12 | | W | 18 | |
| | 25 | 0·5 | 14 | | W | 18 | |
| | 15 | 1·5 | 61 | | W | 90 | |
| Do. 23. S.S. | 9 55 | ... | ... | 57 | E | 36 | |
| | 35 | 0·5 | | 66 | E | ? | Very faint, height uncertain. |
| | 20 | 1·5 | | 85 | | 24 | *See* Note. |
| Do. 24. S.S. | 9 10 | 5 | 65·5 | ... | E | 24 | |
| | 10 10 | 3 | 44·5 | | E | 48 | Double. |
| | | 1·5 | 27 | | E | | Low. |
| | | 2·5 | 18·5 | | E | | Low. |
| | 0 | 2 | | 11 | E | 24 | |
| | | 4 | | 21 | E | | Low. |
| | 9 45 | 1 | | 27·5 | E | 54 | Double. |
| | 8 55 | 3 | | 60·5 | E | 24 | |
| | 9 35 | 2·5 | | 61 | W | 36 | Three, quite close. |
| | | 4 | | 12·5 | W | | Low. |
| | | | | 7 | W | | Low. |
| | 29 | 2 | 0 | | W | 24 | |
| | 28 | 0·5 | 35 | | W | | Low. |
| | 27 | 1 | 49 | | W | 24 | |
| | 21 | 4 | 58 | | W | | *See* Note. |
| Do. 25. G.N. | 9 44 | 1 | 70 | ... | E | 30 | |
| | 44 | 1 | 68 | | E | 30 | |
| | 42 | | 63 | | E | 75 | Broad but detached from limb |
| | 38 | | 47 | | E | 60 ± | |
| | 35 | 4 | 37 | | E | 30 | |
| | 33 | 3·5 | 29 | | E | | Low. |
| | | | 23 | | E | 12 | |
| | 30 | 2·5 | | 4·5 | E | 40 | |
| | 30 | 1 | | 7·5 | E | | Low. |
| | | | | 12 | E | 30 | |
| | 27 | 7 | | 19·5 | E | 15 & 12 | |
| | 26 | | | 33 | E | 12 | |
| | 26 | 0·5 | | 35 | E | 12 | Double. |
| | 25 | 1 | | 43 | E | 30 | |
| | 22 | 1·5 | | 53 | E | 24 | |
| | 20 | 1 | | 58 | E | 18 | |
| | 56 | 7 | | 64·5 | W | 90 | A big arch. |
| | 51 | 1·5 | | 21 | W | 30 | |
| | 50 | 2 | | 14 | W | 35 | |
| | 49 | 1 | 1·5 | | W | | Low. |
| | 48 | 2 | 16 | | W | 20 | |
| | 48 | 1 | 20 | | W | | Low. |
| Do. 26. S.S. | 9 30 | 2 | 77 | ... | E | 24 | |
| | 28 | 2 | 52 | | E | 48 | Double. |
| | 8 | 0·5 | 7 | | E | 60 | Eruptive. |
| | 5 | 0·5 | 3 | | E | 42 | Eruptive. |
| | | 1 | | 12 | E | 24 | Very faint. |
| | 8 59 | 8 | | 25 | E | 30 | |
| | 55 | 4 | | 47 | E | 24 | |
| | 50 | 2 | | 58·5 | E | 24 | |

| Date and observer. | Hour M.M.T. | Base. | Latitude. | | Limb. | Height. | Remarks. |
|---|---|---|---|---|---|---|---|
| | | | North. | South. | | | |
| 1905. | H. M. | ° | ° | ° | | " | |
| January 26. S.S. | 9 45 | 6 | ... | 64 | W | 120 | *See* Note. |
| | 39 | 2·5 | | 41 | W | 24 | Massive. |
| | | 1 | | 22 | W | | Low, massive. |
| | | 2 | 11·5 | | W | | Low. |
| | 34 | 1 | 55 | | W | 24 | Massive. |
| | 32 | 0·5 | 58 | | W | 24 | |
| Do. 27. G.N. | 9 31 | 2 | 67 | ... | E | 30 | |
| | 30 | | 37 | | E | 12 | |
| | 25 | 4 | 19 | | E | 100 | |
| | 23 | 1 | 6 | | E | 12 | Three, small, close to one another. |
| | 20 | 0·5 | | 22 | E | 12 | |
| | 20 | 0·5 | | 28 | E | 12 | |
| | 17 | 2·5 | | 40·5 | E | 18 | |
| | 10 7 | | | 67 | W | 60 | Broad but detached from chromosphere. |
| | 0 | 1·5 | | 42·5 | W | 30 | |
| | 9 56 | | | 35 | W | 12 | |
| | 55 | 3 | | 29 | W | 15 | |
| | 55 | 1·5 | | 25 | W | 45 | |
| | 50 | 14 | | 15·5 | W | 30 | |
| | | | | 6 | W | 15 | |
| | 45 | 4 | 3·5 | | W | 30 | |
| | 42 | 0·5 | 8 | | W | 30 | |
| | | 2·5 | 11·5 | | W | 22 | |
| | 40 | | 22 | | W | 15 | |
| | 38 | 1·5 | 54 | | W | 22 | |
| | | 1 | 58 | | W | 15 | Double. |
| Do. 28. S.S. | ... | 2 | 42 | ... | E | ... | Low. |
| | 9 28 | 3 | 27·5 | | E | 24 | |
| | 28 | | 25 | | E | 60 | A small hook floating far away from limb. |
| | 24 | 4 | 20 | | E | 72 | Eruptive. |
| | 20 | 9 | 10·5 | | E | 30 | |
| | 15 | 7 | | 10·5 | E | 108 | *See* Note. |
| | 10 0 | 1 | | 20 | E | 48 | Broad at top, bright and broad at base, slender in the middle. |
| | | 2 | | 23 | E | | Low. |
| | 9 56 | 2 | | 50 | W | 48 | |
| | | 2 | | 44 | W | 24 | |
| | 49 | 8 | | 9·5 | W | 48 | Three prominences connected to one another. |
| | 41 | 4 | 32·5 | | W | 36 | Gothic arch. |
| | 38 | 2 | 60 | | W | 24 | |
| Do. 29. S.S. | ... | 3 | 25·5 | ... | E | 24 | |
| | 10 5 | 0·5 | 16 | | E | 42 | *See* Note 1. |
| | 5 | 4 | 12 | | E | 24 | |
| | 9 55 | 2 | | 10·5 | E | 24 | |
| | 55 | 3 | | 14 | E | 102 | *See* Note 2. |
| | 51 | 8 | | 27 | E | 30 | |
| | | 0·5 | | 37 | E | | A short pillar. |
| | 45 | 0·5 | | 82 | E | 36 | *See* Note 3. |
| | 10 27 | 5 | | 39 | W | 60 | |
| | | | 27 | | W | | Low, faint but broad at top. |
| | 21 | 0·5 | 33 | | W | 24 | |
| | | 1 | 59 | | W | 24 | |
| | 17 | 1 | 63 | | W | 24 | |
| | 17 | 0·5 | 68 | | W | 24 | |
| Do. 30 G.N. | 10 27 | 5 | 27·5 | ... | E | 40 | |
| | 25 | | 6 | | E | 18 | |
| | 23 | 5 | | 7 | E | 60 | |
| | 20 | | | 27·5 | E | 14 | Double. |
| | 20 | | | 31 | E | 14 | |
| | 8 | 2 | | 37 | E | 30 | |
| | 8 | | | 40 | E | 14 | |
| | 50 | 2 | | 25 | W | 30 | |
| | 47 | 1·5 | | 5 | W | 30 | |
| | 46 | 1 | 3 | | W | 40 | |
| | 45 | 4 | 17 | | W | 10 | |
| | 40 | 6 | 65 | | W | 45 | |

| Date and observer. | Hour M.M.T. | Base. | Latitude North. | Latitude South. | Limb. | Height. | Remarks. |
|---|---|---|---|---|---|---|---|
| 1905. | H. M. | ° | ° | ° | | " | |
| January 31. S.S. | 10 15 | 7 | ... | 4·5 | E | 42 | |
| | | 0·5 | | 18 | E | | Low, slanting. |
| | | 3 | | 26·5 | E | | Low, faint bank. |
| | 9 | | | 33 | E | 48 | Faint, fan-like. |
| | 3 | 5 | | 39·5 | E | 24 | |
| | | 1·5 | | 69 | E | | Low. |
| | 41 | 2 | | 38 | W | 24 | |
| | 38 | 9 | | 25·5 | W | 36 | |
| | | 1·5 | | 7 | W | | Low, faint. |
| | 33 | 5 | 0·5 | | W | 48 | |
| | 28 | 5 | 62·5 | | W | 30 | An arch with a central pillar. |
| | | | 71 | | W | | *See* Note. |
| February 1. G.N. | 9 54 | 1 | 45 | ... | E | 10 | |
| | 51 | | 12·5 | | E | 20 | |
| | 50 | 3 | | 6 | E | 15 | |
| | | 1 | | 17·5 | E | 15 | |
| | 47 | 3 | | 23·5 | E | 30 | |
| | 45 | | | 45 | E | 15 | A slender streak. |
| | 44 | 2 | | 65·5 | E | 30 | |
| | 11 5 | 1 | | 32 | W | 20 | |
| | 5 | 2·5 | | 19·5 | W | 45 | |
| | 1 | 1 | | 5 | W | 20 | |
| | 10 57 | 1 | 16·5 | | W | 20 | Double, $D_1$, $D_2$, $b_1$, $b_2$, $b_3$, bright. |
| | 56 | 4 | 63 | | W | 35 | |
| | 56 | 2 | 68 | | W | 20 | |
| Do. 2. S.S. | 10 43 | ... | 11 | ... | E | 24 | |
| | 10 | 5 | | 6·5 | E | 24 | |
| | 10 | 5 | | 12·5 | E | 24 | |
| | 10 | 4 | | 18 | E | 24 | |
| | | 4 | | 31 | E | | Chromosphere very bright with low very bright elevations. |
| | 6 | 1·5 | | 62 | E | 24 | |
| | 4 | 0·5 | | 64 | E | 54 | |
| | 38 | 1·5 | | 66 | W | 24 | A close double. |
| | 34 | 1 | | 18 | W | 24 | |
| | 34 | | | 9 | W | 30 | Slender, curved. |
| | | 4 | 14 | | W | | Low. |
| | | 1·5 | 28 | | W | | Low. |
| | 25 | 2 | 62 | | W | 48 | |
| | 25 | 0·5 | 64·5 | | W | 48 | |
| | 25 | 2 | 67 | | W | 24 | |
| Do. 3. G.N. | 9 50 | 0·5 | 56 | ... | E | ... | Ca. |
| | 50 | 7 | 8·5 | | E | 45 | Ca, large, massive. |
| | 11 50 | | 5 | | E | 15 | |
| | 43 | 0·5 | | 25 | E | 30 | |
| | 43 | 1 | | 35 | E | 30 | |
| | 40 | 5 | | 64·5 | E | 45 | |
| | 9 50 | 0·5 | | 15 | W | | Ca. |
| | 50 | | 29 | | W | | Ca. |
| | 50 | | 36 | | W | | Ca. |
| | 50 | 4 | 66 | | W | 40 | Ca. |
| Do. 4. S.S. | ... | 2 | 70 | ... | E | .. | Low. |
| | 9 35 | 5 | 58 | | E | 72 & 30 | Connected by a streak at top. |
| | 30 | 2 | 49·5 | | E | 24 | |
| | | 1 | 21 | | E | 24 | |
| | | 1 | 16 | | E | | Low, bright. |
| | | 1 | 12 | | E | 24 | |
| | 10 37 | 2·5 | 6 | | E | 30 | Eruptive. |
| | 37 | 2 | 2 | | E | 84 | Do. |
| | 37 | 0·5 | | 3 | E | 30 | |
| | | 1 | | 62 | E | ... | Low. |
| | 27 | 1·5 | | 71 | E | 30 | |
| | 27 | 0·5 | | 74 | E | 24 | |
| | 25 | 1·5 | | 82 | E | 24 | |
| | | | | 64 | W | | Low, thick, curved. |
| | 19 | 1 | | 50 | W | 24 | |
| | 10 | 14 | | 18 | W | 24 | Three bright prominences connected to one another, all eruptive. |

| Date and observer. | Hour M.M.T. | Base. | Latitude. | | Limb. | Height. | Remarks. |
|---|---|---|---|---|---|---|---|
| | | | North. | South. | | | |
| 1905. | H. M. | ° | ° | ° | | ″ | |
| February 4. S.S. | ... | ... | ... | 9 | W | 24 | |
| | | | | 6 | W | 20 | |
| | | | 19 | | W | 20 | |
| | | 1·0 | 33 | | W | 36 | |
| | | | 37 | | W | 30 | Broad but detached from the chromosphere except at a point. |
| | 9 54 | | 41·5 | | W | 24 | |
| | 54 | 2 | 44 | | W | 60 | |
| | 45 | 9 | 65·5 | | W | 30 & 48 | |
| Do. 5. G.N. | 10 35 | 0·5 | 79 | ... | E | 15 | |
| | 32 | | 59·5 | | E | 50 | Broad at top. |
| | 30 | 4 | 7 | | E | 30 | Bright. |
| | 27 | 2 | | 16 | E | 15 | Four slender streaks. |
| | 26 | 0·5 | | 59·5 | E | 45 | |
| | 26 | 1 | | 63·5 | E | 35 | |
| | 25 | 1·5 | | 67 | E | 30 | |
| | 43 | 0·5 | 34·5 | | W | 15 | |
| | 43 | 4 | 42 | | W | 60 | |
| | 38 | 6 | 65 | | W | 40 & 36 | |
| Do. 6. S.S. | 10 26 | 2 | 62 | ... | E | 24 | |
| | 12 | 4 | | 62 | E | 60, 30 & 36 | |
| | 9 | | | 71 | E | 24 | Very faint. |
| | 45 | 5 | 41·5 | | W | 72 | |
| | 41 | 1 | 62 | | W | 60 | |
| | 35 | 1 | 65 | | W | 48 | |
| | | 1 | 70 | | W | 20 | |
| Do. 7. G.N. | 9 24 | 1 | 64 | .. | E | 15 | |
| | 22 | 2 | 58 | | E | 30 | |
| | 15 | 1·5 | 49 | | E | 30 | |
| | 12 | 2 | 34 | | E | 40 | |
| | 8 | 2 | 29 | | E | 30 | Detached from chromosphere but connected at the top with the one at 34°. |
| | 6 | 2 | 22·5 | | E | 15 | |
| | 5 | 0·5 | 12 | | E | 15 | |
| | 0 | | | 21·5 | E | 40 | |
| | 8 55 | 2 | | 61 | E | 45 | |
| | 54 | | | 68 | E | 30 | |
| | 50 | 1 | | 82 | W | 15 | |
| | 9 41 | 2 | 1·5 | | W | 20 | Four streaks. |
| | 39 | 1 | 21 | | W | 30 | |
| | 36 | 6 | 41 | | W | 45 | |
| | 33 | 0·5 | 47 | | W | 15 | |
| | 30 | 8 | 64 | | W | 60 & 40 | Changing rapidly. |
| | 30 | 1·5 | 72 | | W | 30 | |
| Do. 8. S.S. | 9 41 | 1·5 | 63 | ... | E | 24 | |
| | 36 | 0·5 | 6 | | E | 24 | |
| | 31 | 3 | | 20·5 | E | 24 | Eruptive. |
| | 20 | 0·5 | | 63 | E | 24 | |
| | 20 | 0·5 | | 66 | E | 60 | |
| | 10 30 | 0·5 | | 61 | W | 30 | |
| | 27 | | | 46 | W | 30 | |
| | | 1 | | 38 | W | 24 | |
| | | 6 | | 30 | W | | Low. |
| | 20 | 2 | | 5 | W | 24 | |
| | 13 | 14 | 17 | | W | 60 | Very bright, eruptive. |
| | 0 | 1 | 34·5 | | W | 42 | |
| | 1 | 1 | 38 | | W | 42 | |
| | 9 50 | 7 | 65·5 | | W | 60 | |
| Do. 9. G.N. | 9 22 | 2 | 13 | ... | E | 10 | |
| | 20 | 3 | | 6·5 | E | | |
| | 18 | 1 | | 14 | E | 15 | |
| | 10 0 | | 16 | | W | 120 | *See* Note. |
| | 9 58 | 3 | 42·5 | | W | 60 | |

| Date and observer. | Hour M.M.T. | Base. | Latitude. North. | Latitude. South. | Limb. | Height. | Remarks. |
|---|---|---|---|---|---|---|---|
| 1905. | H. M. | ° | ° | ° | | ″ | |
| February 10. S.S. | 11 35 | ... | 56 | ... | E | 30 | |
| | | 2 | 41 | | E | 10 | |
| | | 1 | 37 | | E | 10 | |
| | | 1 | 32·5 | | E | 10 | |
| | 33 | 2 | 25 | | E | 24 | |
| | 31 | 3 | | 7·5 | E | 24 | |
| | 30 | 3 | | 12·5 | E | 24 | |
| | 9 28 | | | 24 | E | 30 | |
| | 11 28 | 1·5 | | 46 | E | 24 | |
| | 25 | 3 | | 61 | E | 90 | |
| | 9 23 | 1 | | 69 | E | 24 | |
| | 10 5 | | | 31 | W | 24 | |
| | | | | 10 | W | 24 | |
| | 9 55 | | 19·5 | | W | 90 ± | *See* Note 1. |
| | | 0·5 | 23 | | W | | Low, bright. |
| | | 3 | 27·5 | | W | 24 | |
| | 11 41 | 2 | 44 | | W | 48 | *See* Note 2. |
| | 38 | 3 | 66·5 | | W | 48 | |
| Do. 11. G.N. | 9 33 | ... | 57 | ... | E | 60 | Spreads out at top. |
| | 30 | 1 | 50·5 | | E | 20 | Broader at top in Ca. |
| | 27 | 4 | | 2 | E | 30 | |
| | 25 | | | 15·5 | E | 15 | Detached from the chromosphere. |
| | 22 | | | 45 | E | 90 | Form different in Ca. |
| | 20 | 1 | | 56 | E | 28 | |
| | 15 | 1·5 | | 63 | E | 90 | Very faint at top. Height 150″ in Ca. |
| | 10 10 | 1 | | 67 | W | 30 | |
| | 20 | 0·5 | | 63 | W | 30 | Bright. |
| | 0 | 6 | | 24 | W | 30 | Metallic. |
| | 9 50 | 5 | | 14 | W | 60 & 25 | *See* Note. |
| | 45 | 0·5 | 10·5 | | W | 15 | |
| | 44 | 6 | 24·5 | | W | 60 & 90 | |
| | 40 | 2 | 39·5 | | W | 30 | Double. |
| | 38 | 1 | 63·5 | | W | 35 | Height 60″ in Ca. |
| Do. 12. S.S. | 9 36 | 1 | 32·5 | ... | E | 30 | |
| | 36 | 2 | 29·5 | | E | 24 | *See* Note. |
| | 31 | | 22 | | E | 24 | Base about 2° in Ca. |
| | 10 0 | 3 | | 26·5 | W | 60 ± | |
| | | 1 | | 3 | W | | Low, double. |
| | 9 47 | 2 | 22·5 | | W | 24 ± | |
| | 44 | 0·5 | 65 | | W | 24 ± | *See* Note. |
| Do. 13. G.N. | 9 59 | 0·5 | 64 | ... | E | 30 | Top flows away on both sides in Ca. |
| | 56 | | 18 | | E | 30 | |
| | 52 | 2 | 7 | | E | 48 | |
| | 50 | 2·5 | | 16 | E | 27 | |
| | 48 | 2 | | 46 | E | 30 | Double. |
| | 45 | 2 | | 54 | E | 35 | |
| | 10 25 | 1 | | 34 | W | 15 | |
| | 22 | 2·5 | | 28 | W | 60 | |
| | 15 | 12 | | 6 | W | 72 | |
| | 7 | 1 | 13·5 | | W | 15 | |
| | 5 | 7 | 23·5 | | W | 35 | |
| | 0 | 0·5 | 45 | | W | 25 | |
| | 0 | 1·5 | 47 | | W | 10 | |
| Do. 14. S.S. | 9 23 | ... | 50 | ... | E | 24 | |
| | 18 | 2 | 11 | | E | 30 | |
| | | | 0 | | E | 24 | Detached from chromosphere. |
| | 8 55 | | | 10 | E | 60 | |
| | 55 | 6 | | 17 | E | 30 | Eruptive, rapidly changing. |
| | 9 58 | | | 60 | W | 48 | |
| | 53 | 2 | | 31 | W | 30 | |
| | 49 | 8 | | 8 | W | 24 & 48 | |
| | 43 | | 10 | | W | 36 | |
| | 43 | | 13 | | W | 60 | Broad at top. |
| | 40 | 4 | 18 | | W | 24 | *See* Note. |
| | 35 | 1 | 46 | | W | 24 | |
| | 34 | | 49 | | W | 24 | |
| | | 1 | 83 | | E | 24 | |

| Date and observer. | Hour M.M.T. | Base. | Latitude. | | Limb. | Height. | Remarks. |
|---|---|---|---|---|---|---|---|
| | | | North. | South. | | | |
| 1905. | H. M. | ° | ° | ° | | ″ | |
| February 15. G.N. | 9 25 | ... | 25 | ... | E | 20 | |
| | 25 | | 24 | | E | 20 | |
| | 25 | | 23 | | E | 20 | Eruptive spikes. |
| | 25 | | 22 | | E | 20 | |
| | 25 | | 20·5 | | E | 20 | |
| | 25 | 4 | 17 | | E | | Low. |
| | 25 | 1 | 12 | | E | 12 | |
| | 17 | 3·5 | | 17 | E | 20 | |
| | 15 | | | 33 | E | 12 | |
| | 15 | | | 34 | E | 12 | |
| | 10 | | | 70 | E | 15 | |
| | 45 | 1·5 | | 44 | W | 60 ± | |
| | 40 | 0·5 | 13 | | W | 40 | |
| Do. 16. S.S. | 10 20 | ... | ... | 16 | E | 24 | *See* Note. |
| | 16 | 1 | | 20·5 | E | 24 | |
| | 16 | 1·5 | | 22 | E | 48 | |
| | 16 | 2 | | 25 | E | 24 | |
| | 5 | 1·5 | | 79 | E | 24 | |
| Do. 17. G.N. | 9 20 | 1·5 | ... | 21·5 | E | 20 | |
| | 10 0 | 6·5 | 23 | | W | 30 & 15 | |
| Do. 18. S.S. | 9 14 | 1 | 67 | ... | E | 24 | |
| | 5 | 8 | 26 | | E | 84 | |
| | 8 56 | 3 | 14 | | E | 24 | |
| | | | | 17 | E | 20 | Bright. |
| | | 2 | | 28 | E | 15 | |
| | 48 | 2 | | 31 | E | 96 | *See* Note. |
| | 43 | | | 45 | E | 30 | |
| | | | | 67 to 80 | E | | Five low elevations |
| | 29 | | | 69 | W | 48 | |
| | 9 29 | 2 | | 50 | W | 36 | |
| | 25 | 3 | | 7·5 | W | 24 | |
| | | 2·5 | 15 | | W | | Low. |
| | 22 | 1 | 21·5 | | W | 24 | |
| | 20 | 0·5 | 46 | | W | 30 | |
| Do. 19. G.N. | 9 18 | 2 | 29 | ... | E | 50 | |
| | 15 | 8 | 22 | | E | 32 | |
| | 9 | 0·5 | 7 | | E | 12 | |
| | 7 | 3 | | 23·5 | E | 15 | |
| | 6 | 1 | | 36 | E | 10 | |
| | 0 | 3 | | 63·5 | E | 20 & 15 | |
| | 50 | 9 | | 5·5 | W | 30, 45 & 15 | |
| | 47 | 1 | 7 | | W | 15 | |
| | 45 | | 11 | | W | 25 | |
| | 45 | 2 | 13 | | W | 18 | *See* Note. |
| | | 3 | 24·5 | | W | 15 | Upper half quite detached from the lower. |
| | 38 | 1 | 29 | | W | 20 | |
| | 38 | 4 | 34 | | W | 15 | |
| | 35 | 2 | 49 | | W | 15 | |
| | 31 | 4 | 58 | | W | 30 & 90 | |
| Do 20. S.S. | 9 25 | 4·5 | 64 | ... | E | 24 | Base about 10° in Ca. |
| | 21 | 2 | 42 | | E | 30 | Base extends to Lat. + 36° E in Ca. |
| | 10 52 | | 29 | | E | 40 ± | Ca. |
| | 52 | | 26 | | E | 300 ± | Ca. Broad at top and slanting. |
| | | 2 | 11 | | E | | Low, bright. |
| | 9 10 | 2 | 6 | | E | 36 | |
| | 10 | 4 | 2 | | E | 96 | Very irregularly shaped. |
| | 8 55 | | | 47 | E | 60 | Broad at top. |
| | 9 52 | | | 57 | W | 36 | *See* Note 1. |
| | 45 | 9 | | 6·5 | W | 60 | |
| | | 5 | 6 | | W | | Low. |
| | 35 | 10 | 30 | | W | 36 | *See* Note 2. |
| | 31 | 3 | 58·5 | | W | 24 | Height 65′ in Ca. |
| | 27 | 2 | 76 | | W | 48 | |

| Date and observer. | Hour M.M.T. | Base. | Latitude. | | Limb. | Height. | Remarks. |
|---|---|---|---|---|---|---|---|
| | | | North. | South. | | | |
| 1905. | H. M. | ° | ° | ° | | " | |
| February 21. G.N. | 9 40 | ... | 67 | ... | E | 30 | Broad at top. |
| | 40 | | 63·5 | | E | 25 | |
| | 35 | 8 | 43 | | E | 60 | |
| | 25 | | | 1 | E | 40 ± | *See* Note 1. |
| | 25 | 1 | | 6·5 | E | 20 | |
| | 20 | 2 | | 17 | E | 45 ± | |
| | 42 | 2 | | 44 | E | 40 ± | Ca. |
| | 16 | | | 62 | E | 60 | |
| | 10 2 | 1 | | 65·5 | W | 45 | |
| | 0 | 1 | | 23·5 | W | 60 | |
| | 0 | 5 | | 8·5 | W | 60 | Top extends over 5° more in Ca. than in hydrogen |
| | 0 | | | 2 | W | 30 ± | *See* Note 2. |
| | 9 49 | 3 | 16·5 | | W | 20 | |
| | 48 | 4 | 31 | | W | 20 | |
| | 45 | 3 | 42 | | W | 45 | |
| | 45 | | 48 | | W | 35 | |
| | 43 | 0·5 | 56 | | W | 15 | |
| Do. 22. S.S. | 10 52 | 1·5 | 39 | ... | E | 42 | |
| | 49 | | 64 | | E | 30 | |
| | 39 | 6 | 43 | | E | 48 & 84 | *See* Note. |
| | | 2 | 21 | | E | 10 | |
| | | 2 | 14 | | E | 10 | |
| | 2 | 2 | 0 | | E | 40 ± | Ca. |
| | 0 | | | 20 to 32 | E | | About 10, low, one of them, however, being 24". |
| | 9 55 | 1 | | 37·5 | E | 24 | |
| | 55 | | | 40 | E | 30 | |
| | 55 | | | 43 | E | 36 | |
| | | | | 48 | E | 36 | Detached from the chromosphere. |
| | 11 29 | | | 60 | E | 24 | Prominence in Ca., 3° at base. |
| | 10 2 | 1 | | 66·5 | W | 40 ± | Ca. |
| | 11 24 | 1 | | 63 | W | 48 | |
| | 10 2 | 2 | | 26 | W | 40 ± | Ca. |
| | 11 22 | 1·5 | | 23 | W | 48 | |
| | 10 2 | 5 | | 11 | W | 50 | Ca. Top meeting the one at Lat. — 26°W. |
| | 2 | 2 | | 4 | W | 50 ± | Ca. |
| | 11 14 | 1 | 35·5 | | W | 72 | Top extends over 10° to north. |
| | 10 2 | 4 | 42 | | W | 40 | Ca. Top meets limb at Lat. +49°W. |
| | 11 5 | | 54 | | W | 48 ± | Detached from chromosphere. |
| | 10 2 | | 57 | | W | 25 ± | Ca. Broad except at base. |
| | 11 0 | 1 | 60 | | W | 24 | |
| | 10 2 | 4 | 78 | | E | 40 ± | Ca. |
| | 52 | | 72 | | E | 30 | |
| Do. 24. S.S. | 10 57 | 2 | 74 | ... | E | 24 | |
| | 50 | 7 | 69·5 | | E | 72 | |
| | 45 | 5 | 46·5 | | E | 48 | |
| | 35 | 3 | 26·5 | | E | 30 | } Connected to each other at the base. |
| | 35 | 4 | 23 | | E | 48 | |
| | 28 | 11 | 12·5 | | E | 48 | |
| | 12 | | | 5 | E | 15 | |
| | 12 | 4 | | 8 | E | 42 | |
| | 10 | 2 | | 17 | E | 36 | *See* Note. |
| | 5 | | | 20·5 | E | 30 | |
| | 11 45 | 1·5 | | 28·5 | E | 24 | |
| | | 1·5 | | 37 | E | 10 | |
| | 41 | 3 | | 44·5 | E | 30 | |
| | 38 | 4 | | 61 | E | 24 | |
| | | 1 | | 73 | E | 15 | |
| | | 0·5 | | 81 | E | 10 | |
| | 33 | 2·5 | | 67 | W | 60 | |
| | 31 | | | 65 | W | 72 | |
| | 29 | | | 61 | W | 36 | |
| | 26 | 6 | | 31 | W | 30 & 36 | |
| | 22 | 4 | | 25 | W | 48 | |
| | 13 | 2 | | 11·5 | W | 24 | Double, bright. |
| | 13 | | | 8 | W | 10 | |
| | 10 | | 12 | | W | 24 | |
| | 6 | 5 | 21·5 | | W | 24 | |
| | 1 | 4 | 67 | | W | 72 | |
| | 10 59 | 1 | 74 | | W | 24 | |

| Date and observer. | Hour M.M.T. | Base. | Latitude. North. | Latitude. South. | Limb. | Height. | Remarks. |
|---|---|---|---|---|---|---|---|
| 1905. | H. M. | ° | ° | ° | | ″ | |
| February 25. G.N. | 10 48 | 3 | 73 | ... | E | 45 | |
| | 45 | 0·5 | 64 | | E | 15 | |
| | 45 | | 58 | | E | 15 | |
| | 45 | | 49 | | E | 45 | |
| | 38 | 18 | 20 | | E | 60 & 75 | |
| | | | 3 | | E | 20 | |
| | | 1·5 | | 0·5 | E | 20 | |
| | 30 | 0·5 | | 5 | E | 30 | |
| | | | | 11 | E | 30 | |
| | | | | 13 | E | 45 | Detached from chromosphere. |
| | 9 38 | 14 | | 23 | E | 100, 30 & 15 | *See* Note 1. |
| | 22 | 0·5 | | 40 | E | 15 | |
| | | 0·5 | | 58 | E | 15 | |
| | 20 | 3 | | 63·5 | E | 30 | |
| | 15 | 2 | | 71 | W | 30 | |
| | 11 5 | 5 | | 64·5 | W | 60 | |
| | 2 | 0·5 | | 49 | W | 30 | Broad at top. |
| | 0 | 1 | | 35·5 | W | 30 | |
| | 10 56 | 1 | | 25·5 | W | 45 | |
| | 55 | | | 17 | W | 15 | |
| | 55 | | | 13 | W | 40 | |
| | 54 | 1 | 16·5 | | W | 20 | } *See* Note 2. |
| | 54 | 0·5 | 19 | | W | 20 | |
| | 51 | 1·5 | 52 | | W | 30 | |
| | 50 | | 64 | | W | 15 | |
| Do. 26. G.N. | 10 25 | 1·5 | 77 | ... | E | 35 | |
| | 20 | 1·5 | 64 | | E | 20 | |
| | 19 | 1·5 | 53 | | E | 30 | Faint. |
| | 17 | 1·5 | 45·5 | | E | 30 | |
| | 17 | | 42 | | E | 25 | |
| | 13 | 10 | 23 | | E | 30 & 40 | Top meets limb again at Lat. + 33° E. |
| | 5 | 9 | | 5·5 | E | 50 | |
| | | 1·5 | | 12·5 | E | 30 | |
| | 0 | 5 | | 19·5 | E | 18 | |
| | | 5 | | 28·5 | E | 30 | Top runs parallel to limb as far as Lat. — 22° E. |
| | | | | 32 | E | 15 | |
| | 9 55 | | | 40 | E | 15 | |
| | 50 | | | 72 | E | 30 | |
| | 45 | 7 | | 72 | W | 60 | |
| | 10 40 | | | 64 | W | 45 | |
| | 37 | | | 38 | W | 20 | |
| | 35 | 1 | | 8 | W | 30 | |
| | 34 | 2 | 7 | | W | 30 | |
| | 32 | 2 | 28·5 | | W | 15 | |
| | 30 | | 34 | | W | 15 | |
| | | 2 | 50 | | W | 20 | |
| | 24 | 0·5 | 59 | | W | 60 | |
| Do. 27. S.S. | 10 20 | 2 | 79 | ... | E | 30 | |
| | 18 | 1 | 70 | | E | 42 | Top spreads out on both sides. |
| | | | 65 | | E | 24 | |
| | | 2·5 | 62 | | E | 24 | |
| | 10 8 | 1 | 48·5 | | E | 30 | |
| | 8 | 2 | 44 | | E | 48 | |
| | 8 | 1 | 41·5 | | E | 25 | |
| | 2 | | 29 | | E | 24 | |
| | 9 58 | | 2 | | E | 36 | Very faint. Detached from chromosphere. |
| | | 0·5 | | 2 | E | 30 | Bright. |
| | 45 | 26 | | 16 | E | 48 & 24 | *See* Note 1. |
| | 26 | 4·5 | | 43·5 | E | 48 | $b_1$, $b_2$, $b_3$, bright. |
| | 21 | 2 | | 60 | E | 60 | Top very faint. |
| | 16 | 1·5 | | 65·5 | E | 36 | |
| | 10 | 2·5 | | 75·5 | W | 90 | *See* Note 2. |
| | 7 | 3 | | 71·5 | W | 24 | Arch-like. |
| | 4 | 2 | | 68 | W | 48 | |
| | 0 | 0·5 | | 65·5 | W | 42 | |
| | 10 12 | | | 51 | W | 35 | Ca. |
| | 44 | 2 | | 42 | W | 54 | Double. |

| Date and observer. | Hour M.M.T. | Base. | Latitude. North. | Latitude. South. | Limb. | Height. | Remarks. |
|---|---|---|---|---|---|---|---|
| 1905. | H. M. | ° | ° | ° | | ″ | |
| February 27. S.S. | 10 40 | ... | ... | 21 | W | 30 | Detached from chromosphere. |
| | 35 | 1 | 10 | | W | 24 | *See* Note 3. |
| | 35 | 1 | 14 | | W | 24 | Top flows parallel to limb for 6° to west. |
| | 31 | 8 | 26 | | W | 15± | Two long arches connected to each other. |
| | | 1·5 | 39 | | W | 15± | |
| | 26 | | 60 | | W | 84 | Broad in the middle, narrow at top and base. |
| | 22 | 1 | 78 | | W | 24 | |
| Do. 28. G.N. | 10 35 | 3 | 64·5 | ... | E | 20 | |
| | 33 | 2 | 47 | | E | 15 | |
| | 33 | 1·5 | 42 | | E | 15 | |
| | 25 | 21 | 15·5 | | E | 20 & 45 | A series of prominences connected to one another. |
| | 9 28 | 3 | | 5·5 | E | 70 | Ca. |
| | 10 20 | 2 | | 13 | E | 20 | |
| | 19 | 11 | | 21·5 | E | 42 | |
| | 14 | 1·5 | | 40 | E | 20 | } Connected by a faint line. |
| | 14 | 2·5 | | 43·5 | E | 35 | |
| | 9 28 | 1 | | 56·5 | E | 20 | Ca. |
| | 10 11 | 1 | | 59 | E | 30 | |
| | 10 | 1 | | 62·5 | E | 20 | Prominence in Ca. slightly broader. |
| | 5 | 6 | | 79 | W | 75 | } *See* Note 1. |
| | 2 | 2 | | 72 | W | 40 | |
| | | 1 | | 56·5 | W | 120± | Faint. |
| | 52 | 1 | | 33 | W | 15 | |
| | 50 | 0·5 | | 26 | W | 15 | Slightly broader and higher in Ca. |
| | 50 | 0·5 | | 24 | W | 35 | |
| | 50 | 0·5 | | 22·5 | W | 35 | |
| | | | | 13 | W | 35 | *See* Note 2. |
| | 9 28 | 1 | | 9 | W | 15 | Ca. |
| | 46 | 3 | 27 | | W | 24 | Top meeting limb at Lat. + 22° west. |
| | 42 | | 40 | | W | 20 | |
| | | 1 | 51 | | W | 15 | |
| | 40 | | 58 | | W | 42 | Broad and bright at top, narrow and faint at base. } *See* Note 3. |
| | | 1 | 64 | | W | 10 | |
| | 38 | 1·5 | 73·5 | | W | 20 | |
| March 1. S.S. | 10 32 | 4 | 63 | ... | E | 30 | |
| | 30 | 2 | 48 | | E | 24 | Double. |
| | 28 | 6 | 25 | | E | 48 | Prominence in Ca. broader by about 1° at base ($10^h$-$17^m$). |
| | 9 30 | 10 | 7 | | E | 180 & 84 | *See* Note. |
| | 11 13 | 1·5 | | 6 | E | 24 | |
| | 11 | 3 | | 25·5 | E | 24 | |
| | 9 | 3 | | 42 | E | 36 | |
| | 7 | 2 | | 58 | E | 30 | |
| | 5 | 2 | | 63 | E | 30 | |
| | 3 | | | 7·3 | E | 36 | |
| | 0 | 3 | | 82·5 | W | 60 | |
| | 10 55 | 2 | | 74 | W | 30 | Base slightly broader in Ca. { Space between the two prominences filled up in Ca. ($10^h$-$17^m$). |
| | 53 | | | 49 | W | 24 | |
| | 48 | 3 | | 32 | W | 42 | |
| | 45 | 0·5 | 3 | | W | 24 | |
| | | 2 | 44 | | W | | Low. |
| | 38 | 1 | 59 | | W | 30 | |
| | 35 | 1 | 73 | | W | 36 | |
| Do. 2. G.N. | 9 58 | ... | 82 | ... | E | 15 | |
| | 55 | 6 | 67 | | E | 60 & 30 | |
| | 54 | | 49 | | E | 20 | |
| | 49 | 2 | 29 | | E | 60 | Base of Ca. prominence extends to Lat. + 41° E. |
| | 10 | 15 | 9·5 | | E | 240± | *See* Note 1. |
| | 10 36 | 2 | | 23 | E | 30 | Faint. |
| | 36 | 3 | | 32 | E | | Low. |
| | 36 | 2 | | 36 | E | | Low. |
| | 35 | 3 | | 60·5 | E | 50 | |
| | 32 | | | 70 | E | 60 | *See* Note 2. |

| Date and observer. | Hour M.M.T. | Base. | Latitude. North. | Latitude. South. | Limb. | Height. | Remarks. |
|---|---|---|---|---|---|---|---|
| 1905. | H. M. | ° | ° | ° | | ″ | |
| March 2. G.N. | 10 30 | 3 | ... | 82 | E | 65 | |
| | 24 | | | 78·5 | W | 15 | |
| | 22 | | | 56 | W | 20 | |
| | 20 | 1 | | 43·5 | W | 45 | |
| | 9 0 | 1 | | 24·5 | W | 25 ± | Ca. |
| | 10 20 | 2 | 5 | | W | 40 | Bright in hydrogen but not found in Ca. (9h -0m). |
| | 17 | | 10 | | W | 15 | |
| | 17 | | 15·5 | | W | 20 | |
| | 16 | 1 | 21·5 | | W | 30 | |
| | 15 | 1 | 27·5 | | W | 24 | |
| | 13 | | 32·5 | | W | 15 | |
| | 13 | | 35 | | W | 15 | |
| | 10 | 5 | 70·5 | | W | 45 | More massive in Ca. (9h -0m). |
| Do. 3. S.S. | 10 15 | 2 | 67 | ... | E | 72 | |
| | 15 | | 63 | | E | 25 ± | Meeting the above prominence. Base about 5° in Ca. |
| | 10 | 1 | 57·5 | | E | 36 | Double. |
| | | 2 | 45 | | E | | Low. |
| | 3 | | 36 | | E | 48 | Form different in Ca. |
| | | 2 | 29 | | E | | Low, bright. |
| | 9 58 | | 21 | | E | 36 | Detached from chromosphere. |
| | 50 | 8 | 15 | | E | 120 | Height only 105″ in Ca. |
| | | 1 | 2 | | E | 20 ± | |
| | | 6 | | 16 | E | 20 ± | |
| | 35 | 18 | | 37 | E | 30 & 24 | Na., Mg. and Fe. lines bright at Lat. — 34° E. |
| | 24 | 2 | | 16 | E | 24 | |
| | 20 | | | 66 | E | 72 | Broad in the middle. |
| | 9 | 6 | | 82 | E | 108, 90, & 48 | Tops faint. Ca. prominence extends almost to the above prominence (Lat. — 67° E). |
| | 3 | 1 | | 83 | W | 30 | Base broader by 2° in Ca. |
| | 0 | | | 67 | W | | Chromosphere disturbed 7° on either side. |
| | 10 48 | | | 52·5 | W | 24 | |
| | 45 | 2 | | 46 | W | 42 | |
| | 41 | 2 | | 26 | W | 36 | Top surmounted by a line parallel to limb in Ca. |
| | 37 | 2 | 7 | | W | 54 | Top detached from base. |
| | 30 | | 21 | | W | 60 | Slanting. Top large. |
| | | 1·5 | 31·5 | | W | 20 ± | |
| | 25 | | 47 | | W | 24 | |
| | 8 59 | 0·5 | 51 | | W | 20 ± | Ca. |
| | 10 23 | 2 | 62 | | W | 30 | Double. |
| | 21 | 3 | 67·5 | | W | 36 | |
| Do 4. S.S. | 9 27 | 1 | .. | 71·5 | E | 30 | } |
| | 27 | | | 74 | E | 30 | } |
| | 27 | | | 83 | W | 60 | } See Note. |
| | 27 | 5 | | 69·5 | W | 70 | } |
| | 27 | 15 | 52·5 | | W | 55 | } |
| Do. 5. G.N. | 9 25 | 3 | 26·5 | ... | E | 30 | |
| | 25 | 6 | 18 | | E | 25 & 20 | |
| | 20 | 12 | | 11 | E | 65 | |
| | 15 | 2 | | 20·5 | E | 20 | |
| | 13 | 4 | | 47 | E | 15 | |
| | 11 | 1 | | 61·5 | E | 20 | |
| | 9 | 7 | | 76·5 | E | 60 & 42 | |
| | 5 | 0·5 | | 70 | W | 20 | |
| | 10 5 | 1 | | 62·5 | W | 15 | |
| | 5 | 2·5 | | 58·5 | W | 45 | |
| | 0 | 3 | | 31·5 | W | 60 | |
| | 9 50 | | 1 | | W | 30 | |
| | 45 | 10 | 8 | | W | 15 | |
| | | 3 | 20·5 | | W | 15 | |
| | 40 | 1 | 24 | | W | 20 | |
| | | 1 | 27·5 | | W | | |
| | 35 | 1 | 36 | | W | 45 | |
| | 35 | | 42·5 | | W | 20 | |
| | 30 | 4 | 64 | | W | 60 | |
| | 30 | 1 | 68 | | W | 45 | |

| Date and observer. | Hour M.M.T. | Base. | Latitude. North. | Latitude. South. | Limb. | Height. | Remarks. |
|---|---|---|---|---|---|---|---|
| 1905. | h. m. | ° | ° | ° | | ″ | |
| March 6. S.S. | 9 45 | ... | 56 | ... | E | 30 | |
| | 35 | 4 | 27 | | E | 60 | *See* Note. |
| | | 1 | 0 | | E | 25 | Top of Ca. prominence longer than in hydrogen. |
| | 28 | 8 | | 6 | E | 72 | |
| | | 1 | | 59 | E | 15 ± | |
| | | 1 | | 62·5 | E | 20 ± | |
| | 12 | 7 | | 82·5 | E | 72 & 84 | Ca. prominence is 90″ high and extends to Lat. −76° E at base. |
| | 8 55 | 4 | | 63 | W | 36 | |
| | 55 | | | 58 | W | 45 | |
| | 10 9 | 1 | | 56·5 | W | 30 ± | Ca. |
| | 15 | | | 1 | W | 36 | |
| | 9 | 2 | 3·5 | | W | 50 | Ca. |
| | 8 | 5 | 19·5 | | W | 60 | |
| | 9 55 | 3 | 62·5 | | W | 36 | |
| | 55 | 1 | 66 | | W | 36 | |
| Do. 7. G.N | 9 26 | | 56 | ... | E | 30 | |
| | 23 | 2 | 36 | | E | 20 | |
| | 23 | 2 | 32 | | E | 20 | |
| | 20 | 1 | 23·5 | | E | 20 | |
| | 20 | | 21 | | E | 15 | |
| | 10 | 3 | | 7·5 | E | 75 | Ca. prominence extends to Lat. + 2° E. |
| | | 0·5 | | 13 | E | 18 | |
| | 5 | 1 | | 27·5 | E | 15 | |
| | | 1 | | 70 | E | 15 | |
| | 0 | 1 | | 73·5 | E | 45 | |
| | 50 | 3 | | 61·5 | W | 45 | |
| | 45 | 4 | | 33 | W | 75 | |
| | 42 | 3 | | 26 | W | 20 | |
| | 36 | 3 | 17 | | W | 50 & 20 | |
| | 36 | 0·5 | 19·5 | | W | 18 | |
| | 36 | 0·5 | 22 | | W | 12 | |
| | 30 | 3 | 62·5 | | W | 30 | |
| Do. 8. S.S. | 9 24 | ... | 69 | ... | E | 20 ± | Ca. |
| | 57 | 2 | 60 | | E | 24 | |
| | 45 | 2 | 37 | | E | 24 | Both these surmounted by a long curved streak which meets the limb at Lat. + 28° E. |
| | 45 | 3 | 33·5 | | E | 24 | |
| | | 4 | 17 | | E | 15 ± | |
| | 40 | 0·5 | 10 | | E | 42 | Double. Height 150″ in Ca. |
| | 25 | 15 | | 21·5 | E | 60 | |
| | 19 | | | 65 | E | 30 | |
| | 13 | 0·5 | | 67 | E | 36 | *See* Note. |
| | 0 | 3 | | 61·5 | W | 60 | Changed at 10h–35m. |
| | 10 32 | 2 | | 46 | W | 24 | |
| | 28 | 5 | | 34·5 | W | 120 | Shape different in Ca. |
| | 18 | 1·5 | 14 | | W | 48 | Tops connected by a faint streak. About half-a-dozen little jets as far as Lat. + 23° W. |
| | 18 | 1·5 | 17 | | W | 42 | |
| | 10 | 8 | 48 | | W | 48 & 42 | Broader in Ca. |
| | 2 | 2 | 62 | | W | 75 | Ca. prominence is larger and meets the limb again at Lat. + 72° W. |
| Do. 9. G.N. | ... | 1 | 66 | ... | E | 20 | |
| | 9 27 | 3 | 60·5 | | E | 40 & 22 | |
| | 24 | 4 | 49 | | E | 60 | |
| | 21 | 1 | 43·5 | | E | 30 | |
| | 23 | 0·5 | 37 | | E | 20 ± | Ca. |
| | 18 | 12 | 20·5 | | E | 45 | Ca. prominence was 70″ high at Lat. + 17° E and also extended to Lat. + 30° E. |
| | 12 | 1·5 | | 8 | E | 15 | |
| | | | | 13 | E | 30 | Broken bits detached from the chromosphere. |
| | 9 | 4 | | 19 | E | 15 | |
| | 4 | | | 63 | E | 45 | Broad at top. |
| | 53 | 2 | | 63 | W | 20 | Height 55″ in Ca. |
| | 23 | 1 | | 50·5 | W | 25 ± | Ca. |
| | 50 | 0·5 | | 39 | W | 60 | Detached from chromosphere. |
| | 50 | | | 38 | W | 35 | Connected at base in Ca. |

| Date and observer. | Hour M.M.T. | Base. | Latitude. North. | Latitude. South. | Limb. | Height. | Remarks. |
|---|---|---|---|---|---|---|---|
| 1905. | H. M. | ° | ° | ° | | " | |
| March 9. G.N. | 9 50 | .. | ... | 35 | W | 30 | Broad at top. Connected at base in Ca. |
| | 43 | 10 | 13 | | W | 50 | |
| | 39 | | 29 | | W | 10 | |
| | 39 | | 35 | | W | 15 | Double. |
| | 37 | | 42 | | W | 30 | Detached from the chromosphere. |
| | 35 | 8 | 49 | | W | 55 | |
| Do. 10. S.S. | 9 50 | ... | 59 | ... | E | 24 | |
| | 34 | | 43 | | E | 48 | Top flows as a streamer and also meets limb at Lat. + 49° E in Ca. |
| | 34 | 1 | 35 | | E | 24 | Top meets limb at Lat. + 42° E. |
| | 26 | 6 | 23·5 | | E | 48 | Top meets the above prominence in Ca. |
| | 23 | 0·5 | 15 | | E | 24 | Top meets the above prominence. Prominence is much bigger in Ca. |
| | 23 | | 1 | | E | 60 | Ca. Top broad. |
| | 23 | 1 | | 61 | E | 20± | Ca. |
| | 10 | 0·5 | | 64 | E | 36 | |
| | 8 32 | | | 65 | W | 24 | |
| | 32 | | | 62 | W | 24 | Almost detached from the chromosphere. |
| | 32 | | | 60 | W | 24 | |
| | 10 33 | 1 | | 25 | W | 40± | |
| | 33 | 1·5 | | 21·5 | W | 40± | Eruptive, Na. and Mg. lines found bright with radial slit at $8^h$-$30^m$. |
| | 33 | 4 | | 15·5 | W | 15± | |
| | 33 | 4 | | 10·5 | W | 30 | |
| | 9 23 | 10 | 14 | | W | 70 | Ca. |
| | 10 15 | 0·5 | 28 | | W | 48 | |
| | 10 | 6 | 49·5 | | W | 48 | |
| | | 1·5 | 61 | | W | 15± | Bright, double. *See* Note. |
| Do. 11. G.N. | 9 36 | ... | 50·5 | ... | E | 150 | *See* Note. |
| | 36 | 2·5 | 48 | | E | 60 | |
| | 25 | | 41 | | E | 25 | Faint. |
| | 25 | | 38·5 | | E | 15± | Faint. |
| | 20 | 8 | 17 | | E | 50 | |
| | 15 | | | 5 | E | 20 | |
| | 10 | | | 74 | W | 12 | |
| | 5 | 1 | | 67 | W | 15 | |
| | | | | 56 | W | 20± | |
| | 10 8 | 4 | | 49 | W | 30 | Faint. |
| | 5 | 5·5 | | 26 | W | 25 | |
| | 0 | 14 | | 14 | W | 20 & 30 | Changing. Somewhat higher in Ca. |
| | 9 55 | 0·5 | 9 | | W | 25 | |
| | 50 | | 19·5 | | W | 20 | |
| | 50 | 2 | 24 | | W | 15 | |
| | 45 | 8 | 49 | | W | 50 | More massive in Ca. |
| Do. 12. G.N. | 9 33 | 2 | 30 | ... | E | 30 | |
| | 32 | 3 | 21·5 | | E | 35 | |
| | 30 | 4 | | 7·5 | E | 20 | |
| | | | | 18 | E | 12 | |
| | 27 | | | 27 | E | 15 | Double. |
| | 20 | | | 35·5 | E | 25 | Broad at top. |
| | 16 | 0·5 | | 47 | E | 25 | |
| | 16 | | | 49·5 | E | 30 | |
| | 15 | | | 63 | E | 15 | Detached from the chromosphere. |
| | 11 | 7 | | 56·5 | W | 120 | Ca. Very faint. |
| | 58 | 0·5 | | 15·5 | W | 20 | |
| | 55 | | | 37 | W | 45 | |
| | 50 | 9 | | 14·5 | W | 20 | |
| | 47 | 1·5 | | 4 | W | 12 | |
| | 47 | 1 | | 1·5 | W | 30 | |
| | 46 | | 17 | | W | 35 | |
| | 45 | 4 | 47 | | W | 45 | Connected together in Ca. |
| | 40 | 6 | 54 | | W | 60 | |
| | 35 | 0·5 | 77·5 | | W | 15 | |
| Do. 13. S.S. | 9 35 | 1 | 48 | ... | E | 36 | |
| | 35 | 1·5 | 44 | | E | 24 | |
| | 30 | 4 | 32 | | E | 24 | |
| | 30 | | 29 | | E | 24 | |

| Date and observer. | Hour M.M.T. | Base. | Latitude. | | Limb. | Height. | Remarks. |
|---|---|---|---|---|---|---|---|
| | | | North. | South. | | | |
| 1905. | H. M. | ° | ° | ° | | " | |
| March 13. S.S. | 9 18 | 3 | ... | 10·5 | E | 48 | Top almost meets the limb again in hydrogen and does it completely in Ca. at Lat. – 17° E. |
| | 12 | | | 24 | E | 90 | Broad except near base. |
| | 7 | 1 | | 28·5 | E | 48 | |
| | 0 | | | 59 | E | 60 | Na., Mg., Fe. lines very bright at base. |
| | 8 55 | 1·5 | | 63 | E | 24 | |
| | 55 | | | 67 | E | 24 | |
| | 10 29 | 3 | | 36·5 | W | 42 | |
| | 5 | 6 | | 26 | W | 175 | |
| | 9 58 | 3 | | 14·5 | W | 36 | *See* Note. |
| | 53 | 1·5 | 46 | | W | 30 | |
| Do. 14. G.N. | 9 34 | 1·5 | 66 | ... | E | 25 | Ca. |
| | 34 | 3 | 59·5 | | E | 25 | Ca. |
| | 20 | 2 | 19 | | E | 12 | |
| | 5 | 1 | 4 | | E | 10 | Height 45″ in Ca. |
| | 0 | | | 14 | E | 15 | Changing rapidly. |
| | 8 40 | 2 | | 18 | E | 15 | |
| | 40 | 0·5 | | 20 | E | 45± | *See* Note. |
| | | 3 | | 23·5 | E | 30 | |
| | | 1 | | 26 | E | 30 | |
| | | 0·5 | | 28 | E | 30 | |
| | 35 | 2 | | 49 | E | 30 | |
| | 35 | | | 50 | E | 15 | |
| | 35 | | | 53 | E | 15 | Detached from the chromosphere. |
| | 35 | | | 55 | E | 30 | |
| | 32 | 2·5 | | 76 | E | 20 | Five, small. |
| | 30 | | | 79 | E | 15 | |
| | 9 42 | 1·5 | | 61 | W | 20 | |
| | 41 | | | 21 | W | 45 | A streamer flowing westwards from the top in Ca. } Connected together at base in Ca. |
| | 41 | | | 18·5 | W | 20 | |
| | 40 | 5 | | 8·5 | W | 70 | |
| | | 2·5 | | 4 | W | 35 | Slightly taller in Ca. |
| | | | | 0·5 | W | 35 | |
| | 35 | 0·5 | 3·5 | | W | 20 | |
| | | | 7 | | W | 30 | Detached from the chromosphere. |
| | 30 | 3 | 10·5 | | W | 30 | |
| | | | 15 | | W | 20 | |
| | 28 | | 19 | | W | 20 | |
| | | 2 | 23 | | W | 12 | |
| | 25 | 2 | 32 | | W | 15 | Arch-like. |
| | | | 66 | | W | 15± | |
| | 22 | 1 | 80·5 | | W | 15 | Arch-like. |
| Do. 15. S.S. | 9 15 | ... | 23 | . . | E | 40 | Faint except at top. Height 60″ in Ca. |
| | 8 | 3·5 | 4·5 | | E | 36 | |
| | 2 | 3 | | 4·5 | E | 96 | |
| | 8 54 | 4 | | 27 | E | 72 & 30 | Taller part very faint. |
| | 45 | 7 | | 56·5 | E | 45 | More massive in Ca. |
| | | | | 70 | E | 20 | Very faint. |
| | | 1 | | 81 | W | 24 | |
| | 25 | 2 | | 61 | W | 36 | |
| | 10 8 | 2 | | 42 | W | 48 | |
| | 2 | 2 | | 12 | W | 54 | Both top and base broader in Ca. |
| | 9 55 | 0·5 | 2·5 | | W | 54 | |
| | 55 | 0·5 | 7 | | W | 30 | |
| | 55 | 0·5 | 8·5 | | W | 48 | |
| | 55 | 1 | 11 | | W | 20 | |
| | 55 | 0·5 | 12 | | W | 20 | F displaced 1A on red side. { Eruptive; Na., Mg. and Fe. lines very bright. |
| | 45 | 0·5 | 16 | | W | 20 | |
| | 40 | 5 | 22·5 | | W | 20 | |
| | 40 | 1·5 | 30 | | W | 24 | |
| Do. 16. G.N. | 9 16 | 1·5 | 61 | ... | E | 25± | |
| | 10 | | 22 | | E | 60 | *See* Note. |
| | 10 | | 17·5 | | E | 30 | A cloudlet floating between this and the last prominence. |
| | 5 | 2 | | 1·5 | E | 50 | |
| | 0 | 1 | | 17·5 | E | 30 | |
| | 0 | 9 | | 25·5 | E | 75 & 30 | |
| | 8 55 | 1 | | 42 | E | 20 | |

| Date and observer. | Hour M.M.T. | Base. | Latitude. | | Limb. | Height. | Remarks. |
|---|---|---|---|---|---|---|---|
| | | | North. | South. | | | |
| 1905. | H. M. | ° | ° | ° | | ″ | |
| March 16. G.N. | 8 55 | 1 | ... | 46 | E | 20 | |
| | 52 | 7 | | 56·5 | E | 25 & 30 | Brighter at the two ends than at the middle. |
| | 47 | 1·5 | | 73 | E | 45 | |
| | 27 | 1 | | 43·5 | W | 60 | |
| | 9 25 | 1 | | 23·5 | W | 45 | Broader at base in Ca. |
| | 22 | | | 13 | W | 30 | 3° broad at base in Ca. |
| | 16 | 20 | 5 | | W | 65 | Ca. Faint. |
| | 20 | 9 | 24·5 | | W | 30 & 22 | Continuous in Ca. |
| | 15 | 0·5 | 35 | | W | 35 | |
| | 14 | 0·5 | 64·5 | | W | 40 | |
| | 14 | 0·5 | 70 | | W | 25 | |
| Do. 17. S.S. | 9 26 | 2 | 61 | ... | E | 24 | Double. |
| | 12 | 1 | 21 | | E | 48 | |
| | 6 | | | 16 | E | 24 | Broad at top. |
| | 0 | 6 | | 24 | E | 48 | Eruptive. |
| | 8 47 | | | 42 | E | 24 | Cloudlet floating away from the limb. |
| | 24 | 2 | | 53 | E | 24 | |
| | | 2 | | 46 | W | 15± | |
| | 9 47 | 1·5 | | 31 | W | 48 | |
| | | 7 | 8 | | W | 20± | |
| Do. 18. G.N. | 9 44 | 3·5 | 58 | ... | E | 30 | Ca. prominence extends from Lat. + 38° E to + 61° E. |
| | 5 | 7 | 18·5 | | E | 95 | Ca. |
| | 41 | | | 9·5 | E | 55 | An inverted cone detached from the chromosphere. |
| | 40 | 6 | | 54 | E | 40 | |
| | 5 | 1 | | 82 | E | 25 | Ca. |
| | 5 | 3 | | 74·5 | W | 35 | Ca. |
| | 35 | 1·5 | | 65·5 | W | 30 | |
| | 55 | 0·5 | | 4·6 | W | 15 | |
| | 53 | 2 | | 33 | W | 30 | |
| | 5 | 4 | | 22 | W | 75 | Ca. |
| | 50 | 1 | | 7·5 | W | 18 | |
| | 48 | 13 | 23·5 | | W | 25 | |
| | 5 | 0·5 | 37 | | W | 25± | Ca. |
| | 5 | | 41 | | W | 20± | Ca. |
| | 46 | | 68 | | W | 25 | *See* Note. |
| Do. 19. S.S | 9 28 | 0·5 | 64 | ... | E | 48 | |
| | 28 | 0·5 | 62·5 | | E | 30 | |
| | 24 | | 58 | | E | 36 | |
| | 15 | | | 29 | E | 24 | |
| | 9 | | | 58 | E | 45 | Changing; top was broader at 9h.12m. |
| | 2 | 2 | | 65 | E | 120 | |
| | 8 55 | 1 | | 68 | E | 30 | |
| | 10 1 | 2 | | 48 | W | 36 | |
| | 9 54 | 2 | | 9 | W | 90 | The prominence bigger in Ca. Base extends in it to Lat. —1° W. |
| | | | 7 | | W | 24 | |
| | | 16 | 23 | | W | 42 & 60 | |
| | 39 | 2 | 43 | | W | 30 | |
| | 37 | | 48 | | W | 30 | |
| Do. 20. G.N. | 9 30 | 2 | 63 | ... | E | 20 | |
| | 18 | 1·5 | 41·5 | | E | 35 | |
| | 18 | | 39 | | E | 35 | |
| | 18 | | 33·5 | | E | 20 | |
| | 5 | | 27 | | E | 10 | |
| | 13 | 0·5 | 9 | | E | 15 | |
| | 13 | 1 | 5·5 | | E | 20 | |
| | 10 | 2·5 | | 8·5 | E | 30 | Ca. prominence is 60″ high and extends to Lat. + 2° E. |
| | 8 | | | 43 | E | 15 | Ca. prominence extends from Lat. — 38° E to Lat. —45° E. |
| | 3 | | | 62·5 | E | 70± | Ca. prominence is bigger and extends to Lat. —67° E at base. |
| | 0 | | | 82 | W | 15 | |
| | 40 | 2 | | 59 | W | 35 | |
| | 36 | | | 11 | W | 60 | Not quite touching the limb. Ca. prominence is slightly bigger and 70″ high. |

| Date and observer. | Hour M.M.T. | Base. | Latitude. North. | Latitude. South. | Limb. | Height. | Remarks. |
|---|---|---|---|---|---|---|---|
| 1905. | H. M. | ° | ° | ° | | ″ | |
| March 20. G.N. | 8 59 | ... | 7 | ... | W | 20± | Ca. |
| | 9 35 | 1 | 26·5 | | W | 15 | |
| | 35 | | 32 | | W | 15 | |
| | 34 | 1 | 40 | | W | 20 | |
| | 32 | 0·5 | 49 | | W | 20 | |
| Do. 21. S.S. | ... | 2·5 | 64 | ... | E | ... | A pretty large prominence. Sky became cloudy before its height could be determined. Height in Ca. 35″. |
| | 9 45 | 2·5 | 43 | | E | 48 | |
| | 45 | 3 | 39 | | E | 24 | |
| | 29 | 1 | 11 | | E | 30 | Double. |
| | 42 | 1 | | 25·5 | E | 20± | Ca. |
| | 42 | | | 30 | E | 20± | Ca. |
| | 2 | 0·5 | | 34·5 | E | 20± | |
| | 2 | 7 | | 40·5 | E | 40± | Continuous in Ca. near the base. |
| | 8 55 | 2 | | 63 | E | 120± | Double with a slanting, detached prominence above them. |
| | 19 | | | 68·5 | W | 24 | |
| | 12 | 1·5 | | 60 | W | 48 | |
| | 9 42 | 9 | 43·5 | | W | 25± | Ca. *See* Note. |
| Do. 22. S.S. & G.N. | 8 25 | 1·5 | 16 | ... | E | 20 | |
| | 11 40 | | | 5 | E | 20± | Broad at top. |
| | 40 | | | 9 | E | 90± | |
| | 10 40 | 1 | | 40·5 | E | 90± | |
| | 8 52 | 1 | | 77·5 | W | 10 | |
| | 47 | 2·5 | | 64 | W | 40 | *See* Note. |
| Do. 23. S.S. | 8 24 | ... | 64 | ... | E | 42 | |
| | 22 | 3 | 41·5 | | E | 36 | |
| | 18 | 5 | 22·5 | | E | 30 | |
| | 13 | 2 | 14 | | E | 36 | Tops of this and the above prominence connected in Ca. |
| | 11 | 2 | 11 | | E | 36 | } |
| | 10 | 1·5 | 5 | | E | 60 | } Connected at top. |
| | 6 | 1 | 0 | | E | 30 | } |
| | 6 | | | 1·5 | E | 36 | Detached from chromosphere. |
| | 7 50 | | | 8 | E | 120 | *See* Note. |
| | to | 1 | | 18 | E | 24 | |
| | 8 5 | 12 | | 27 | E | 36 | C slightly displaced. |
| | | 2 | | 38 | E | 25 | |
| | | 5 | | 42·5 | E | 70± | |
| | 8 45 | 3 | | 63·5 | W | 36 | Arch-like. |
| | 40 | | | 20 | W | 30 | |
| | 37 | 1·5 | | 0·5 | W | 24 | |
| | 36 | 2 | 8 | | W | 30 | |
| | 33 | 15 | 30·5 | | W | 30 & 24 | |
| | 29 | | 61 | | W | 24 | |
| | 28 | | 68 | | W | 24 | |
| Do. 24. G.N. | 8 36 | 4 | 65 | ... | E | 30 | |
| | 34 | 2 | 45 | | E | 40± | |
| | 32 | 1 | 15 | | E | 30 | |
| | 32 | 0·5 | 12 | | E | 30 | |
| | 30 | 1 | 6·5 | | E | 30 | |
| | 20 | | | 13 | E | 22 | Ca. prominence was 50″ high and met limb again at Lat. — 16° E. |
| | 22 | | | 15 | E | 24 | |
| | 20 | | | 17 | E | 50 | Detached from chromosphere. |
| | 20 | 0·5 | | 18 | E | 22 | |
| | 15 | 3 | | 26 | E | 45 | Top meets limb again at Lat. — 32° E. Ca. prominence extends to Lat. — 19° E. |
| | | 1 | | 35 | E | 30 | |
| | 10 | 1·5 | | 39·5 | E | 15 | |
| | 9 5 | 2 | | 50 | E | 60± | Ca. |
| | 8 7 | 3 | | 54·5 | E | 30 | |
| | 0 | 1·5 | | 65·5 | W | 45 | |
| | 0 | 1 | | 62·5 | W | 25 | Top meets the last prominence. |
| | 58 | | | 19 | W | 55 | Ca. prominence is 2° broad at base. |
| | 55 | 0·5 | | 6 | W | 25± | |
| | 54 | | 19 | | W | 15 | |

| Date and observer. | Hour. M.M.T. | Base. | Latitude. North. | Latitude. South. | Limb. | Height. | Remarks. |
|---|---|---|---|---|---|---|---|
| 1905. | H. M. | ° | ° | ° | | ″ | |
| March 24. G.N. | 8 50 | 7 | 29·5 | ... | W | 35± | Ca. prominence about twice as high. } Connected together in calcium. |
| | 43 | 1 | 52·5 | | W | 25 | |
| | 40 | 1 | 66·5 | | W | 50 | |
| Do. 25. G.N. | 9 54 | ... | 74 | ... | E | 35± | Ca. *See* Note. |
| | 40 | 6 | 47 | | E | 40± | Ca. prominence extends to Lat. + 52° E. |
| | 30 | 1 | | 8 | E | 10 | |
| | 30 | 1·5 | | 11·5 | E | 10 | |
| | 20 | 0·5 | | 31·5 | E | 15 | |
| | 15 | 1 | | 37·5 | E | 30 | Ca. prominence 90″ high and much larger at top. |
| | 15 | 2 | | 66 | W | 30± | Ca. prominence 55″ high. |
| | 50 | 8 | | 34 | W | 20 | A cluster of small prominences. The southernmost part about 40″ high in Ca. |
| | 45 | 0·5 | | 21 | W | 50± | |
| | 54 | | | 2 | W | 45 | Ca. |
| | 24 | 1·5 | 23·5 | | W | 40 | Upper and lower parts detached from each other. Ca. prominence slightly larger at top. |
| | 40 | 2 | 51 | | W | 30± | Ca. prominence 60″ high and extends to Lat. + 56° W. |
| | 54 | | 61 | | W | 60± | Ca. |
| Do. 26. G.N. | 9 5 | 2 | 70 | ... | E | 50± | Ca. prominence extends to Lat. + 74° E. |
| | 5 | | 67 | | E | 55 | Runs almost parallel to limb. |
| | 0 | 5 | 48·5 | | E | 60 | |
| | 8 58 | | | 20·5 | E | 15 | |
| | 58 | | | 23·5 | E | 15 | |
| | 55 | 3 | | 36·5 | E | 45 | Ca. prominence extends to Lat. — 40° E. |
| | 50 | | | 48 | E | 40 | Top spreads out both ways. |
| | 40 | 1 | | 50·5 | E | 50 | |
| | 35 | 2 | | 65·5 | E | 60 | |
| | 30 | 3 | | 69·5 | W | 25 | |
| | 28 | | | 67 | W | 20 | |
| | 25 | 4·5 | | 63 | W | 65 & 30 | |
| | 9 23 | | | 44 | W | 40± | |
| | 16 | 2·5 | | 38 | W | 120 & 40 | Ca. prominence more continuous. |
| | 8 34 | 2 | | 8 | W | Low | Ca. |
| | 9 14 | 0·5 | 0 | | W | 20 | Ca. prominence 5° broad at base. |
| | 8 34 | | 6 | | W | 30± | Ca. |
| | 34 | 3 | 9·5 | | W | 30± | Ca. |
| | 9 10 | 4 | 50 | | W | 30 | |
| | 8 | | 62·5 | | W | 30 | |
| | 8 | 0·5 | 66 | | W | 30 | Ca. prominence 55″ high. |
| Do. 27. S.S. | ... | ... | 52 | .. | E | 24 | |
| | 10 6 | 5 | 34·5 | | E | 60 | |
| | 9 34 | 2 | 25·5 | | E | 30± | Ca. |
| | 56 | 0·5 | | 19 | E | 30 | Branches from this meet limb at Lat. — 23° E. and —26 E. |
| | 52 | 0·5 | | 31 | E | 24 | |
| | 50 | 1 | | 36 | E | 48 | |
| | 34 | | | 51 | E | 20± | Ca. |
| | 44 | 4 | | 66 | E | 48 | Faint. Ca. prominence extends to Lat. — 61° E. |
| | 36 | 2 | | 63 | W | 48 | |
| | 34 | | | 56·5 | W | 20± | Ca. |
| | 34 | 2·5 | | 43 | W | 50 | |
| | | | | 3 | W | ? | Moderate sized; faint. Height could not be determined. |
| | 34 | 3 | 4·5 | | W | 65 | Ca. |
| | 10 30 | 2 | 24 | | W | 20 | |
| | | | 60 | | W | ? | Moderate sized; faint. Height could not be determined. |
| Do. 29. S.S. | 10 35 | 2 | 49 | ... | E | ... | Tall. Ca. prominence 2° broader. *See* Note. |
| | | 1 | | 19 | E | 40± | Ca. prominence 1° broader. } 10h-36m. |
| | | 2 | | 25 | E | 35 | Ca. prominence 13° broad at base. } |
| | | | | 43 | E | 30± | |
| | 15 | 2 | | 46 | E | 25 | |
| | 11 15 | | | 68 | E | 40 | |
| | 10 | 5 | | 62·5 | W | 45 | |
| | 10 55 | 1 | | 36 | W | 60± | |
| | 55 | 2 | | 32 | W | 35± | |

| Date and observer. | Hour M.M.T. | Base. | Latitude. North. | Latitude. South. | Limb. | Height. | Remarks. |
|---|---|---|---|---|---|---|---|
| 1905. | H. M | ° | ° | ° | | ″ | |
| March 29. S.S. | ... | 1 | ... | 26·5 | W | 40± | |
| | 10 36 | | | 21 | W | Low | Ca. |
| | 50 | 3 | 13 | | W | 30± | |
| | 41 | 1·5 | 59 | | W | 30 | Ca. prominence extends to Lat. + 66° W. |
| | 36 | 4 | 79 | | E | Low | Ca. |
| Do. 30. G.N. | 8 54 | 12 | 46 | ... | E | 120 | Another prominence adjoining to it on the northern side in Ca. Height 90″. |
| | 49 | 8 | 25 | | E | 60 & 35 | |
| | 35 | 20 | | 25 | E | 60 | Ca. prominence more continuous. |
| | 30 | 2 | | 45·5 | E | 15 | |
| | 25 | 3 | | 64·5 | W | 15 | Ca. prominence larger and 60″ high. |
| | | | | 52 | W | 35 | Detached from chromosphere. |
| | 9 18 | 0·5 | | 38·5 | W | 20 | Ca. prominence 3° broad and 50″ high. |
| | 11 | 5 | | 26·5 | W | 30 | |
| | 9 | 0·5 | | 13 | W | 50 | |
| | 8 32 | 3 | | 7·5 | W | 25 | Ca. |
| | 9 5 | 1 | 21·5 | | W | 20 | |
| | 5 | 1 | 24 | | W | 15 | |
| | 2 | 1 | 42·5 | | W | 20 | |
| | 2 | 1 | 45 | | W | 30 | |
| Do. 31. S.S. | 9 30 | 2 | 30 | ... | E | 90 | *See* Note. |
| | 25 | 2 | 24 | | E | 60 | |
| | 25 | 1·5 | 19 | | E | 24 | Connected together at base. |
| | 25 | 1 | 14·5 | | E | 15± | |
| | 16 | 4 | | 28 | E | 48 | |
| | 16 | | | 34 | E | 72 | Detached from chromosphere but connected to last prominence. |
| | 11 | | | 46 | E | 24 | |
| | 5 | 1·5 | | 69 | E | 10 | Bright. |
| | | | | 81 | W | 10 | |
| | 9 | 0·5 | | 15·5 | W | 40 | Ca. |
| | 9 | 1 | | 10·5 | W | 25± | |
| April 1. G.N. | 8 42 | 2 | 63 | ... | E | 40 | Ca. |
| | 42 | 3·5 | 44 | | E | 20± | Ca. |
| | 48 | 2 | 31 | | E | 30 | |
| | 45 | 5 | 16 | | E | 30± | |
| | 40 | | 8 | | E | 30± | |
| | 42 | 1 | | 70 | E | 25 | Ca. |
| | 42 | 2 | | 53 | W | 90 | Ca. |
| | 42 | 1 | | 42·5 | W | 30 | Ca. |
| | 12 | 2 | | 17·5 | W | 20 | |
| | 42 | 1 | 43·5 | | W | 40 | Ca. |
| | 42 | 6 | 66 | | W | 50 | Ca. |
| Do. 2. S.S. | 9 31 | 3 | 65·5 | ... | E | 50 | Ca. |
| | | | 36·5 | | E | 20 | |
| | 8 44 | 2 | 28 | | E | 24 | |
| | 44 | 2 | 25 | | E | 15 | |
| | 40 | | 20 | | E | 72 | Broad at top. |
| | 40 | 1·5 | 17 | | E | 15 | |
| | 9 36 | 2 | 8·5 | | E | 18 | |
| | | 2 | | 12 | E | 15 | |
| | 31 | 1 | | 23 | E | 20 | |
| | | 3 | | 60 | E | 10 | |
| | 8 22 | 4 | | 65 | E | 40 | Ca. prominence more continuous. |
| | | | | 48 | W | 10 | |
| | 9 20 | 3 | | 26·5 | W | 30 | |
| | | 0·5 | | 22 | W | 10 | |
| | | 1·5 | | 19 | W | 20 | |
| | 31 | 3 | 2·5 | | W | 55 | Ca. Changing rapidly. Height 75″ at 8h.33m. |
| | 15 | | 6 | | W | 24 | |
| | | 1 | 12 | | W | 10 | |
| | 14 | 2 | 23 | | W | 20± | |
| | 31 | | 37 | | W | 20± | |
| | 31 | | 41 | | W | 20± | Ca. |
| | 31 | | 44 | | W | 20± | |
| | 8 55 | 2·5 | 60 | | W | 30 | Ca. prominence broader by 3°. |

| Date and observer. | Hour M.M.T. | Base. | Latitude. North. | Latitude. South. | Limb. | Height. | Remarks. |
|---|---|---|---|---|---|---|---|
| 1905. | H. M. | ° | ° | ° | | " | |
| April 4. S.S. | 8 34 | 1 | 62·5 | ... | E | 50 | Ca. |
| | 9 25 | 0·5 | 28 | | E | 18 | |
| | 8 34 | 1 | 9 | | E | 30 | Ca. |
| | 9 16 | 2 | | 25 | E | 24 | |
| | 8 34 | 3 | | 58 | E | 40 | Ca. |
| | 47 | | | 83 | W | 18 | |
| | 47 | 0·5 | | 76 | W | 18 | |
| | | | | 43 | W | 18 | |
| | 10 20 | 1 | | 31 | W | 30 | |
| | 13 | 4 | | 26 | W | 30 | |
| | 10 | 0·5 | | 17 | W | 36 | |
| | 7 | | 39 | | W | 24 | Ca. prominence extends to Lat. +46° W and is 35" high. |
| Do. 5. G.N. | 8 51 | 0·5 | 65 | ... | E | 45 | Very faint. *See* Note. |
| | 48 | | 8 | | E | 10 | |
| | 45 | 3 | | 19·5 | E | 20 | |
| | 42 | 1 | | 67·5 | E | 12 | |
| | 40 | 0·5 | | 64 | W | 12 | |
| | 9 5 | | 12 | | W | 30 | |
| | 0 | | 50 | | W | 30 | |
| Do. 6. S.S. | ... | 1·5 | 84 | ... | E | 10 | |
| | 8 35 | | 58 | | E | 24 | |
| | 30 | 1 | 34 | | E | 24 | |
| | | 0·5 | 24 | | E | 10± | |
| | 10 6 | 1 | 20·5 | | E | 20± | Ca. |
| | 8 25 | 1·5 | 10 | | E | 30 | About twice as large in Ca. |
| | 25 | 1 | 5 | | E | 30 | Connected to the last in Ca. |
| | 9 37 | 1 | 2·5 | | E | 35± | Ca. |
| | | 2·5 | | 60 | E | 30 | |
| | 8 6 | 3 | | 64·5 | E | 60 | |
| | | | | 80 | W | 10 | |
| | | 0·5 | | 77 | W | 10 | |
| | | 1·5 | | 71 | W | 10 | |
| | 9 15 | 1·5 | | 42 | W | 24 | |
| | 14 | 4 | | 36 | W | 24 | |
| | | 2 | | 26 | W | 10 | |
| | 7 | 6·5 | | 19 | W | 18 | |
| | 5 | 3 | | 9 | W | 18 | |
| | 3 | | | 3 | W | 60± | |
| | 8 55 | 0·5 | 6 | | W | 18 | |
| | 55 | 0·5 | 9 | | W | 30 | |
| | 48 | 2 | 43 | | W | 60 | |
| | 46 | 0·5 | 48·5 | | W | 48 | Broad at top. |
| | 43 | 0·5 | 58 | | W | 24 | |
| | | | 77 | | W | 18 | |
| Do. 7. G.N. | 11 40 | ... | 80·5 | ... | E | 15 | |
| | 38 | 1 | 27 | | E | 20 | |
| | 35 | | 16·5 | | E | 25 | |
| | 10 5 | 2 | | 14 | E | 20± | |
| | 11 30 | | | 32 | E | 10 | |
| | 25 | | | 75 | W | 15 | |
| | 25 | | | 70 | W | 30 | |
| | 11 50 | | | 58·5 | W | 20 | |
| | 48 | | | 37 | W | 30 | Broad at top. |
| | 10 20 } | 4 | | 24 | W | 15± | |
| | 11 45 } | | | | | | |
| | 10 16 } | 1 | | 15·5 | W | 20± | |
| | 11 42 } | | | | | | |
| | 10 13 | 0·5 | 39 | | W | 15± | |
| | 11 42 | 0·5 | 47 | | W | 20 | Broad at top. |
| Do. 8. S.S. | ... | ... | 7 | ... | E | 18 | |
| | 9 28 | 1·5 | 63·5 | | E | 40 | A streamer flowing westwards from the top. |
| | 23 | 1 | 60 | | E | 60 | Do. Faint. |
| | 20 | 1 | 48·5 | | E | 24 | |
| | | 1·5 | 39 | | E | 10 | |
| | 10 | 5 | 28·5 | | E | 60 | Top flowing as far as Lat. + 17 E. |
| | 1 | | 8 | | E | | *See* Note. |

| Date and observer. | Hour. M.M.T. | Base. | Latitude. North. | Latitude. South. | Limb. | Height. | Remarks. |
|---|---|---|---|---|---|---|---|
| 1905. | H. M. | ° | ° | ° | | ″ | |
| April 8. S.S. | 8 55 | ... | ... | 36 | E | 30 | |
| | 52 | 1·5 | | 40 | E | 24 | |
| | 45 | 0·5 | | 62 | E | 24 | Double. |
| | | | | 83 | W | 18 | |
| | 42 | | | 76 | W | 24 | |
| | | 1 | | 66 | W | 10 | Double. |
| | | 1·5 | | 63 | W | 10 | Do. |
| | 9 47 | 6 | | 35·5 | W | 48 | |
| | 45 | | | 9 | W | 18 | |
| | 42 | 1 | 19 | | W | 18 | |
| | 38 | 5 | 48·5 | | W | 30 | |
| | 35 | 1 | 63·5 | | W | 36 | |
| | 32 | | 68 | | W | 20 | |
| Do. 9. S.S. | 9 25 | ... | 61 | ... | E | 20 | |
| | 23 | 4 | 50 | | E | 36 | |
| | 20 | | 42 | | E | 30 | Broad at top. |
| | 16 | | 26 | | E | 36 | |
| | 16 | 4·5 | 22 | | E | 24 | Double. |
| | 10 | 1 | | 8·5 | E | 20 | C Displaced slightly to red side. |
| | 7 | 1 | | 41 | E | 18 | |
| | 5 | | | 56 | E | 20 | |
| | 8 45 | | | 71 | W | 36 | Detached from chromosphere. |
| | 43 | 2 | | 64 | W | 20 | Rapidly changing. |
| | 9 50 | | | 50 | W | 18 | |
| | 41 | 5 | | 34·5 | W | 72 | |
| | 40 | 1 | | 20 | W | 24 | |
| | 38 | 1 | | 9 | W | 20 | |
| | 37 | 2·5 | | 1 | W | 18 | Arch-like. |
| | 34 | | 39 | | W | 36 | |
| | 32 | 1·5 | 46 | | W | 30 | |
| | 30 | 1 | 58·5 | | W | 18 | |
| | 29 | 3·5 | 67 | | W | 36 | |
| Do. 11. S.S. | 9 0 | 1 | 64 | ... | E | 48 | |
| | 0 | 4 | 60 | | E | 60 | |
| | 8 52 | 2 | 46 | | E | 12 | |
| | 50 | 2·5 | 15 | | E | 36 | Faint. Ca. prominence very bright and 55″ high. |
| | 47 | 0·5 | | 8 | E | 18 | Top extends as a faint arch 40″ high in Ca. and meets limb again at Lat. + 4 E. |
| | 45 | 2 | | 16 | E | 20 | Eruptive 65″ high in Ca. |
| | 9 8 | 2 | | 22 | E | 20± | Ca. Arch-like. |
| | 8 42 | 10·5 | | 34 | E | 20 & 36 | Base extends to Lat. — 22 E. |
| | 38 | | | 42 | E | 30 | |
| | 30 | | | 47 | E | 40 | Detached from chromosphere. |
| | 30 | 9 | | 53·5 | E | 48 & 30 | |
| | | 0·5 | | 77 | E | 18 | |
| | | 1·5 | | 81 | W | 18 | Top reaches to 30″ in Ca. and meets limb again at Lat. — 89° W. |
| | 22 | 0·5 | | 74 | W | 20 | |
| | 18 | | | 70 | W | 108 | Broad at top. } Connected in Ca. |
| | 15 | 0·5 | | 66 | W | 54 | Do. } |
| | 9 8 | 0·5 | | 64 | W | 20± | Ca. |
| | 35 | 1·5 | | 33 | W | 60 | Top meets limb again at Lat. — 39 W. } Connected and a little more continuous in Ca. |
| | 30 | 7 | | 27·5 | W | 60 | |
| | 25 | | | 16·5 | W | 90 | Detached from chromosphere. } Shape very different in Ca. |
| | | 0·5 | | 13 | W | 18 | |
| | 20 | | | 5 | W | 60 | Detached from chromosphere in hydrogen, not so in Ca. |
| | 17 | 3 | 8·5 | | W | 18 | Arch-like. |
| | 13 | 9 | 38·5 | | W | 36 | |
| | 11 | | 48·5 | | W | 20 | Somewhat taller in Ca. |
| | 8 | | 58 | | W | 20± | Ca. |
| | 9 | 4 | 65 | | W | 36 | Arch-like. |
| | 6 | 1 | 69 | | W | 24 | |
| | 4 | | 84 | | | 12 | |

| Date and observer. | Hour M.M.T. | Base. | Latitude. North. | Latitude. South. | Limb. | Height. | Remarks. |
|---|---|---|---|---|---|---|---|
| 1905. | h. m. | ° | ° | ° | | ″ | |
| April 12. G.N. | 9 8 | 2 | 61 | ... | E | 40 | |
| | 0 | | 19 | | E | 55 | Broad except at base. |
| | 0 | | 14 | | E | 20± | |
| | 8 55 | | | 0·5 | E | 15 | A single point detached from chromosphere. |
| | 50 | 1·5 | | 16 | E | 15 | Double. |
| | 40 | | | 21·5 | E | 30 | Detached from chromosphere. |
| | 9 59 | 0·5 | | 47 | E | 15 | |
| | 42 | 3 | | 29·5 | W | 30 | Double. |
| | 40 | 1 | | 18·5 | W | 22 | |
| | 38 | | | 3 | W | 20 | |
| | 30 | 6 | 24 | | W | 25 | } Connected in Ca. |
| | 20 | 2 | 33 | | W | 30 | |
| | 20 | 0·5 | 38·5 | | W | 20± | Slightly taller in Ca. |
| | 18 | | 53 | | W | 30 | |
| | 15 | | 64 | | W | 20 | Almost detached from chromosphere. |
| Do. 13. S.S. | 8 58 | 4 | 61 | ... | E | 60 | |
| | 54 | 4·5 | 25 | | E | 24 | |
| | 51 | 4·5 | 19 | | E | 65 | |
| | 46 | 0·5 | 12 | | E | 24 | Double. |
| | 45 | 1 | 7 | | E | 20 | |
| | 41 | 1·5 | | 24 | E | 20 | |
| | 39 | 1 | | 41·5 | E | 24 | Double. |
| | 9 35 | 1·5 | | 53 | E | 30± | Ca. Double. |
| | 8 32 | | | 64 | W | 30 | |
| | | 1 | | 61 | W | 12 | |
| | 30 | | | 56 | W | 18 | |
| | 25 | | | 49 | W | 50 | Broad except at base. |
| | 22 | 0·5 | | 45 | W | 12 | |
| | 9 29 | 1 | | 38 | W | 12 | |
| | 26 | 6 | | 26·5 | W | 24 & 30 | |
| | | | | 21 | W | 12 | |
| | 20 | 1·5 | | 12·5 | W | 24 | |
| | 13 | 8 | 20 | | W | 60± | Shape different in Ca. |
| | 9 | 3 | 37·5 | | W | 24 | |
| | 35 | 3·5 | 42 | | W | 25± | Ca. |
| | 7 | | 51·5 | | W | 48 | |
| | 5 | 1 | 63·5 | | W | 18 | |
| Do. 14. G.N. | 8 55 | 1 | 58·5 | ... | E | 60 | Ca. prominence extends to Lat. + 63° E. |
| | 50 | 0·5 | 48 | | E | 10 | |
| | 47 | | 27 | | E | 40 | Broad except at base. |
| | 47 | 2·5 | 21 | | E | 10 | |
| | 45 | 0·5 | | 4 | E | 15 | |
| | 45 | 1 | | 7 | E | 30 | |
| | 42 | 1·5 | | 21 | E | 35 | |
| | 9 9 | 1·5 | | 42·5 | E | 20± | Ca. |
| | 8 39 | | | 44 | E | 30 | |
| | 39 | 0·5 | | 46 | E | 20 | |
| | 36 | | | 68 | E | 15 | |
| | 35 | 1 | | 83·5 | E | 15 | Double. |
| | 32 | 2 | | 64 | W | 35 | |
| | 30 | | | 59 | W | 30 | |
| | 18 | 1 | | 49·5 | W | 75 | |
| | 9 15 | 1·5 | | 31·5 | W | 25 | Double. |
| | 12 | 3 | 1·5 | | W | 45 | } Connected at base in Ca. |
| | 8 | 2·5 | 8 | | W | 30 | |
| | 6 | 5 | 16·5 | | W | 20 | |
| | 4 | 5 | 24 | | W | 40 | |
| | 0 | 1·5 | 37 | | W | 30 | |
| | 0 | 1·5 | 40 | | W | 20 | |
| | 8 57 | 0·5 | 83 | | W | 40 ± | |
| Do. 15. S.S. | 9 22 | ... | 65 | ... | E | 30 | |
| | 20 | 1 | 56·5 | | E | 24 | |
| | 10 5 | 1 | 3 | | E | 120 | Rapidly changing. Height 65″ in Ca. |
| | 9 8 | 1 | | 16 | E | 20 | Rapidly changing. Base 4° in Ca. |
| | 58 | | | 62·5 | E | 36 | |
| | 58 | | | 64·5 | E | 30 | |
| | 56 | 1 | | 81·5 | E | 30 | |
| | 59 | 0·5 | | 85 | E | 24 | |

| Date and observer. | Hour M.M.T. | Base. | Latitude. North. | Latitude. South. | Limb. | Height. | |
|---|---|---|---|---|---|---|---|
| 1905. | H. M. | ° | ° | ° | | ″ | |
| April 15. S.S. | 8 23 | 1·5 | ... | 65 | W | 48 | |
| | 9 54 | | | 62 | W | 30 | |
| | 51 | 0·5 | | 51·5 | W | 36 | Rapidly changing. |
| | 48 | 4 | | 34 | W | 50 ± | |
| | 46 | 1 | | 21·5 | W | 18 | |
| | 46 | 1 | | 15·5 | W | 24 | |
| | 45 | | | 6·5 | W | 30 ± | A cloudlet floating away from the chromosphere. |
| | 40 | 8·5 | 5 | | W | 50 ± | |
| | 35 | 2·5 | 16·5 | | W | 60 | Changing rapidly. |
| | 32 | 7 | 26·5 | | W | 48 | F displaced at one place 1·5 A towards red. |
| | 28 | 6 | 45 | | W | 48 | Very bright. |
| | 26 | 1 | 66 | | W | 24 | |
| | 24 | | 82 | | W | 24 | |
| Do. 16. G.N. | 9 10 | 1 | 75·5 | ... | E | 15 | |
| | 8 | | 60 | | E | 50 | Ca. prominence is 2° broad at base, 70″ high and meets limb again at Lat. + 65° E. |
| | 0 | | 32·5 | | E | 15 | Broad at top. |
| | 8 50 | 1 | 18·5 | | E | 35 | |
| | 47 | | 9 | | E | 60 | Detached from limb in hydrogen, not so in Ca. |
| | | | 4·5 | | E | 10 | Connected to the last in Ca. |
| | | 0·5 | | 13·5 | E | 20 | |
| | 41 | 0·5 | | 21 | E | 25 | |
| | 39 | | | 28 | E | 15 | Detached from chromosphere. |
| | 39 | 1·5 | | 31 | E | 30 | |
| | 38 | 0·5 | | 63 | E | 20 ± | Ca. |
| | 35 | 0·5 | | 79 | E | 20 ± | Connected in Ca. Ca. prominence 35″ high. |
| | 35 | 2 | | 83 | E | 30 | |
| | 35 | | | 85 | E | 15 ± | |
| | 30 | | | 81 | W | 30 | *See* Note. |
| | 30 | 1 | | 66 | W | 55 | Ca. prominence is 40″ high and extends to Lat. — 63° W. |
| | 9 29 | 3 | | 41·5 | W | 30 | |
| | 25 | 3 | | 34·5 | W | 20 & 25 | |
| | 21 | | | 20·5 | W | 10 | |
| | 20 | 1·5 | | 2 | W | 30 | Top meets limb again at Lat. — 6°·5 W. Ca. prominence is 6° broad. |
| | 19 | | 8 | | W | 30 | |
| | 8 38 | 3 | 14·5 | | W | 50 | Ca. |
| | 9 17 | 2 | 43 | | W | 30 | Double. |
| | 15 | 0·5 | 51 | | W | 15 | |
| | 14 | 2 | 65 | | W | 25 ± | Double. |
| | 12 | 1 | 83·5 | | W | 10 | |
| Do. 19. S.S. | 10 20 | 6 | 63 | ... | E | Low. | Ca. *See* Note. |
| | 20 | 1 | 25·5 | | E | Low. | Ca. |
| | 25 | 2·5 | 20 | | E | 60 | |
| | 22 | 3 | 15·5 | | E | 48 | Bright. |
| | 18 | 0·5 | | 2 | E | 30 | Low prominences for 4° on either side. |
| | 18 | 0·5 | | 11 | E | 24 | |
| | 14 45 | 4 | | 18 | E | 30 ± | Double. |
| | 40 | 3 | | 39·5 | E | 40 ± | Ca. prominence 10° broad and 60″ high. |
| | 36 | 0·5 | | 65 | E | 35 ± | Ca. prominence about 60″ high. |
| | 10 20 | 2·5 | | 68 | E | Low. | Ca. |
| | 20 | 2 | | 74 | E | 50 | Ca. |
| | 14 28 | 1 | | 32 | W | 36 ± | Ca. prominence 6° broad and 40″ high. |
| | 11 4 | | 1 | | W | 30 | |
| | 10 20 | | 14 | | W | 55 | Ca. |
| | 20 | | 18 | | W | 30 | Ca. |
| | 58 | 14 | 28 | | W | 40 ± | |
| | 48 | | 67 | | W | 40 ± | |
| | 40 | 1 | 69 | | W | 18 | |
| Do. 20. G.N. | 9 39 | 1·5 | 28 | ... | E | 35 | Ca. |
| | 8 49 | 1·5 | 19 | | E | 20 | Very bright at base. |
| | | 1 | 0·5 | | E | 15 | |
| | 45 | 2·5 | | 4·5 | E | 35 | |
| | 40 | 1·5 | | 17 | E | 50 | |
| | 9 39 | 4 | | 72 | E | 70 | Ca. |
| | 39 | 2 | | 69 | W | 40 | Ca. |

| Date and observer. | Hour M.M.T. | Base. | Latitude. North. | Latitude. South. | Limb. | Height. | Remarks. |
|---|---|---|---|---|---|---|---|
| 1905. | H. M. | ° | ° | ° | | " | |
| April 20. G.N. | 8 35 | 1 | ... | 65·5 | W | 20 ± | Slightly taller in Ca. |
| | 58 | 1·5 | | 13 | W | 20 | |
| | 55 | 2·5 | 27·5 | | W | 40 | Slightly taller in Ca. |
| Do. 21. G.N. | 8 41 | ... | 60 | ... | E | 30 | |
| | 40 | 1·5 | 49 | | E | 30 | |
| | 39 | 1 | 32·5 | | E | 30 | |
| | 37 | 1 | 16·5 | | E | 20 | |
| | 35 | 0·5 | 10 | | E | 15 | |
| | 34 | 5 | | 15·5 | E | 60 | Most of it very bright. No metallic lines. |
| | 30 | | | 49 | E | 15 | Detached from chromosphere. |
| | | | | 64 | E | 30 | |
| | 26 | 2·5 | | 69 | E | 75 | |
| | 20 | | | 63 | W | 60 ± | Very faint; detached from chromosphere; double. |
| | 53 | 3 | | 26·5 | W | 20 | |
| | 52 | 5 | | 12·5 | W | 15 & 35 | |
| | 50 | 3 | 19·5 | | W | 35 | |
| | 46 | 0·5 | 33 | | W | 30 | |
| | 45 | 3·5 | 47·5 | | W | 15 | |
| | 44 | 1·5 | 67 | | W | 45 | |
| Do. 22. G.N. | 10 8 | 4·5 | 63 | ... | E | 25 & 35 | |
| | 6 | 0·5 | 51 | | E | 50 | |
| | 4 | 1·5 | 15 | | E | 12 | Three, small. |
| | 4 | | 12 | | E | 30 | |
| | 3 | | | 18 | E | 12 | |
| | 1 | 4 | | 39 | E | 30 | |
| | 9 55 | 0·5 | | 62·5 | W | 15 | |
| | 10 20 | 1 | | 33·5 | W | 12 | |
| | 19 | 1 | | 25 | W | 15 | |
| | 17 | 4 | | 1 | W | 20 | |
| | 16 | 1 | 42 | | W | 15 | Double. |
| | 15 | | 66 | | W | 75 ± | Detached from chromosphere. |
| | 12 | | 69 | | W | 30 | |
| Do. 23. S.S. | 9 6 | 2·5 | 64 | ... | E | 30 | |
| | 4 | 5 | 51·5 | | E | 24 | |
| | 1 | | 39 | | E | 20 | |
| | 8 56 | 1 | 5·5 | | E | 36 | Eruptive. Na., Fe., and Mg. lines very bright. |
| | 48 | | | 24 | E | 24 | |
| | 46 | 4 | | 36 | E | 24 | |
| | 41 | 1 | | 73 | E | 20 | |
| | | 1 | | 69 | W | 18 | |
| | 36 | 1·5 | | 64 | W | 30 | |
| | 35 | | | 61 | W | 18 | Broad at top. |
| | | 0·5 | | 33·5 | W | 18 | |
| | 9 22 | 5·5 | | 25 | W | 30 | } Connected at base. |
| | | 2 | | 16 | W | 10 ± | |
| | 20 | 4 | | 3 | W | 40 | Arch-like. |
| | 16 | 1 | 17·5 | | W | 20 | |
| | | 1·5 | 28·5 | | W | 10 ± | |
| | 12 | 6 | 46 | | W | 36 & 24 | |
| | 10 | 1 | 66 | | W | 18 | |
| | | 0·5 | 81 | | W | 10 ± | |
| Do. 24. S.S. | 8 59 | ... | 81 | ... | E | 20 | |
| | 52 | 10 | 45 | | E | 72 & 24 | Four prominences connected to one another. |
| | 47 | 3 | 16·5 | | E | 24 | Eruptive. Na., Fe., and Mg. lines very bright. Ca. prominence 3″ broader. |
| | 45 | 1 | 3·5 | | E | 24 | } Connected by an arch 70″ high in Ca. See Note. |
| | 42 | | | 4 | E | 48 ± | |
| | 38 | 1 | | 8 | E | 60 ± | A tall cone with a break in the middle. |
| | | 1 | | 15·5 | E | 40 ± | |
| | 33 | | | 40 | E | 20 | |
| | 30 | | | 58 | E | 48 | |
| | 24 | | | 76 | E | 15 | |
| | 23 | | | 82 | W | 15 | |
| | | 5 | | 61·5 | W | Low | |
| | | 6 | | 40 | W | Low | |
| | 9 19 | 4 | | 28 | W | 24 | |
| | 15 | 1 | | 13·5 | W | 10 ± | Double. |

| Date and observer. | Hour M.M.T. | Base. | Latitude. North. | Latitude. South. | Limb. | Height. | Remarks. |
|---|---|---|---|---|---|---|---|
| 1905. | H. M. | ° | ° | ° | | ″ | |
| April 24. S.S. | 9 15 | ... | ... | 11 | W | 50 | A hook detached from the chromosphere and floating above the last prominence. |
| | 14 | 3 | | 3·5 | W | 24 | |
| | 12 | 0·5 | 7 | | W | 24 | |
| | 10 | 1 | 25·5 | | W | 24 ± | Very faint. |
| | 6 | 1·5 | 42 | | W | 40 | } Connected at base. |
| | 6 | 1·5 | 45·5 | | W | 30 | |
| | 6 | 1 | 49 | | W | 18 | |
| | 3 | 1·5 | 62 | | W | 24 | |
| | 1 | | 71 | | W | 24 | |
| | 0 | 0·5 | 81·5 | | W | 18 | |
| Do. 25. G.N. | 9 0 | ... | 47 | ... | E | 12 | |
| | 0 | | 45 | | E | 12 | |
| | 8 55 | 6·5 | 32 | | E | 25 | Bright. |
| | 53 | | 18 | | E | 25 | A bright jet. |
| | 49 | 0·5 | 1·5 | | E | 50± | Very faint. |
| | 47 | | | 15·5 | E | 15 | |
| | 46 | 0·5 | | 21·5 | E | 15 | |
| | 45 | 1 | | 33·5 | E | 15 | Three, small. |
| | 44 | | | 43·5 | E | 12 | |
| | 40 | | | 60 | E | 10 | |
| | 40 | 0·5 | | 63 | E | 30 | |
| | 9 23 | | | 48 | W | 30 | } Slanting towards each other and containing between them 2 low prominences. |
| | 23 | | | 42 | W | 30 | |
| | 20 | 1 | | 29·5 | W | Low | Bright. |
| | 20 | | | 27 | W | 60 | Detached from chromosphere. |
| | 18 | 1·5 | | 14 | W | 15 | Three, small, faint. |
| | 15 | 4·5 | 21 | | W | 20 | |
| | 7 | 1·5 | 64 | | W | 20 | |
| | 4 | 0·5 | 72·5 | | W | 30 | |
| Do. 26. S.S. | 9 9 | 2 | 68 | ... | E | 36 | Arch-like. |
| | 4 | | 58 | | E | 20 | |
| | 0 | 9 | 46 | | E | 40 | Arch-like. |
| | 8 56 | 3 | 21·5 | | E | 40 | |
| | 54 | | 11·5 | | E | 35 | |
| | 54 | | 8 | | E | 35 | |
| | 50 | | 3 | | E | 150 | Fan-like. Detached from chromosphere. |
| | 46 | | | 6·5 | E | 24 | |
| | 45 | | | 11·5 | E | 20 | Slender. |
| | 42 | | | 23 | E | 30 | |
| | 35 | 4 | | 30 | E | 35 | Eruptive. |
| | 30 | 1·5 | | 67·5 | E | 35 | |
| | 24 | 2 | | 65·5 | W | 24 | |
| | 9 31 | 4 | | 46 | W | 60 | |
| | 25 | | | 26·5 | W | 60 | Broad, fan-like. |
| | 18 | 8 | 20 | | W | 60 | Three stems connected at top. |
| | 18 | 1 | 26 | | W | 15± | |
| Do. 27. G.N. | 9 13 | 2 | 68 | ... | E | 50 | |
| | 10 | 3·5 | 39·5 | | E | 20 | |
| | 8 42 | 3·5 | 22 | | E | 40 & 30 | *See* Note 1. |
| | 39 | 1 | 14·5 | | E | 30 | Lower part very bright. |
| | 34 | 4 | 4 | | E | 90 | Ca. prominence larger and 130″ high at 8h-45m. |
| | 34 | 1 | | 0·5 | E | 40 | |
| | 31 | 0·5 | | 32 | E | 20 | |
| | 29 | 0·5 | | 86 | E | 15 | |
| | 28 | 1 | | 65·5 | W | 45 | Top broader in Ca. |
| | 28 | 1 | | 63 | W | 20 | |
| | 9 25 | 2 | | 47 | W | 60 | *See* Note 2. |
| | 23 | 1·5 | | 30 | W | 30 | } Connected in Ca. |
| | 23 | 1·5 | | 25 | W | 30 | |
| | 18 | 1 | 20 | | W | 25 | |
| | 18 | 1 | 25·5 | | W | 20 | |
| Do. 28. S.S. | 8 46 | 2 | 68 | ... | E | 48 | |
| | 40 | 1 | 48·5 | | E | 60 | Double. |
| | 38 | 4 | 41 | | E | 70 | |
| | 34 | 2 | 34 | | E | 30 | |

| Date and observer. | Hour M.M.T. | Base. | Latitude. North. | Latitude. South. | Limb. | Height. | Remarks. |
|---|---|---|---|---|---|---|---|
| | H. M. | ° | ′ | ° | | ″ | |
| April 28. S.S. | ... | 6 | 29 | ... | E | Low | |
| | 8 20 to 8 29 | 2 | 14 | | E | 72 | Slanting towards each other and meeting at top. Base of the first prominence is 14° in Ca. |
| | | 3 | 1·5 | | E | 72 | |
| | 17 | 2 | | 33 | E | 30 | Eruptive. Very small in Ca. |
| | 13 | 2·5 | | 52 | E | 30 | Do. do. |
| | 8 | 0·5 | | 70 | E | 20 | |
| | 6 | | | 86 | E | 20 | |
| | 0 | 5·5 | | 65 | W | 50 | Very faint in Ca. |
| | 9 18 | 4 | | 50 | W | 48 | |
| | 15 | 0·5 | | 41 | W | 30 | Ca. prominence 8° broad. |
| | 9 1 to 9 10 | | | 26 | W | 150 | Top meets limb at Lat.—36° W. |
| | | 10 | | 20 | W | 30 | Eruptive. |
| | 0 | | | 3 | W | 30 | |
| | 0 | | | 2 | W | 30 | |
| | 8 53 | 1·5 | 65·5 | | W | 48 | Double. |
| Do. 29. G.N. | 9 30 | 5 | 65·5 | ... | E | 60 | |
| | | | 44 | | E | 15 | Ca. |
| | 24 | 1 | 41·5 | | E | 15 | |
| | 24 | | 39 | | E | 10 | |
| | | 1·5 | 35 | | E | Low | Ca. |
| | 22 | 2 | 28 | | E | 20 | Double. |
| | 22 | 1 | 21 | | E | 15 | Do. |
| | 20 | 2 | 10·5 | | E | 25 | |
| | 20 | 1 | 2 | | E | 30 | Top runs parallel to limb for about 9°. |
| | | | | 2 | E | 30 | *See* Note. |
| | 18 | | | 23 | E | 30 | Double ; one of them detached from chromosphere. |
| | 16 | 1 | | 32 | E | 20 | |
| | 16 | 1 | | 35·5 | E | 15 | |
| | 14 | 5 | | 52 | E | 35 | More continuous in Ca. |
| | 8 | | | 62·5 | E | 20 | |
| | 8 | | | 65 | E | 40 | Detached from chromosphere in H but not in Ca. |
| | 8 | 1 | | 68·5 | E | 40 | A cloudlet near the top, separate from it and from the limb. |
| | 5 | 4 | | 67 | W | 50 | |
| | 47 | 2 | | 52 | W | 40 | |
| | 45 | | | 38 | W | 45 | |
| | 42 | 0·5 | | 24 | W | 15 | |
| | 42 | 1·5 | | 21 | W | 20 | |
| | 8 40 | 2 | | 3·5 | W | 40 | Ca. |
| | 40 | | | 1 | W | 40 | Ca. A very low prominence in this position in hydrogen. |
| | 40 | | 2·5 | | W | 40 | Ca. Connected to the last prominence. |
| | 9 40 | | 4 | | W | 15 | Detached from chromosphere. |
| | 38 | | 16 | | W | 20 | Double. |
| | | 0·5 | 58 | | W | 15 | |
| | 34 | | 63 | | W | 30 | Detached from chromosphere. |
| | 34 | | 65 | | W | 20± | Do. do. |
| Do. 30. G.N. | 10 2 | 1 | 68 | ... | E | 20 | |
| | 2 | 2 | 65 | | E | 30 | |
| | 0 | 3 | 53·5 | | E | 40 | |
| | 9 58 | 1 | 43 | | E | 20 | |
| | 10 | 3 | 21·5 | | E | 25 | Very bright, metallic, rapidly changing. Shows displacements. |
| | 8 53 | 1 | | 23 | E | 15 | |
| | 53 | 1 | | 28 | E | 30 | |
| | 50 | 1 | | 53 | E | 15 | |
| | 45 | 1 | | 66·5 | E | 35 | *See* Note. |
| | 37 | 4·5 | | 74 | W | 30 | |
| | 35 | | | 67·5 | W | 60 | Very broad, joined to the limb by a slender stem. |
| | 54 | 1 | | 61·5 | W | 25± | Ca. |
| | 10 12 | 0·5 | | 42 | W | 15 | |
| | 10 | | | 28 | W | 15 | Detached from chromosphere. |
| | 8 54 | 1·5 | 4 | | W | 25± | Ca. |
| | 54 | 1 | 23 | | W | 25± | Ca. |
| | 10 8 | | 31 | | W | 20 | |
| | 7 | 1·5 | 37 | | W | 25 | |
| | 5 | 4 | 63 | | W | 30 | More continuous in Ca. |
| May 1. S.S. | 9 20 | 3 | 71 | ... | E | 48 | |

| Date and observer. | Hour M.M.T. | Base. | Latitude. North. | Latitude. South. | Limb. | Height. | Remarks. |
|---|---|---|---|---|---|---|---|
| 1905. | h. m. | ° | ° | ° | | ″ | |
| May 1. S.S. | 9 20 | 0·5 | 65 | ... | E | 48 | Broad except at base. |
| | 11 | | 54 | | E | | *See* Note 1. |
| | 0 | 11 | 27·5 | | E | 24 | *See* Note 2. |
| | 8 55 | 0·5 | 6 | | E | 30 | |
| | 48 | 3 | | 27·5 | E | 36 | Ca. prominence 2° broader. |
| | 9 40 | 2·5 | | 64 | E | 70 | Double. |
| | | 0·5 | | 67·5 | E | 18 | |
| | | 0·5 | | 86 | W | 18 | |
| | 8 35 | 0·5 | | 71 | W | 40 | Connected to one another in Ca. |
| | 31 | | | 67 | W | 90 | Height, 4′ at 9h·26m and 4′ 30″ at 10h·31m. |
| | 28 | | | 64 | W | 150 ± | |
| | 10 0 | 9 | | 32·5 | W | 60 | |
| | 9 56 | | | 14 | W | 20 | F displaced to red 0·8 A. |
| | 50 | 0·5 | 5 | | W | 30 | Broad at top. |
| | 48 | | 12·6 | | W | 30 | |
| | 46 | | 35 | | W | 40 | Broad at top. |
| | | 0·5 | 38·5 | | W | 20 | Slightly larger in Ca. Connected at base in Ca. |
| | 40 | 0·5 | 44 | | W | 30 | |
| | 35 | | 62 | | W | 60 | |
| | 10 31 | 3 | 71·5 | | W | 50 | Ca. |
| Do. 2. G.N. | 9 20 | 1 | 73·5 | ... | E | 36 | |
| | 20 | 1 | 71 | | E | 25 ± | |
| | 20 | 6 | 65 | | E | 45 & 35 | |
| | 10 | 14 | 30 | | E | 45 & 30 | Very bright. More continuous in Ca. |
| | 8 45 | 1 | | 15·5 | E | 50 | |
| | 45 | 2 | | 19 | E | 20 | Part of it very bright and slightly displaced to red. |
| | 40 | 1 | | 28 | E | 15 | |
| | 9 52 | 2 | | 38 | E | 15 ± | Ca. |
| | 8 30 | 3 | | 65·5 | E | 90 & 60 | *See* Note. |
| | 9 52 | | | 70·5 | E | 30 ± | |
| | 52 | 1·5 | | 73 | E | 20 ± | Ca. |
| | 53 | 4 | | 32 | W | 100 | Height 65″ in Ca. |
| | 45 | 2 | | 8·5 | W | 20 ± | |
| | 45 | 4 | 2 | | W | 30 | |
| | 40 | 3 | 10 | | W | 30 | |
| | 40 | 1 | 15·5 | | W | 20 | |
| | 36 | 3 | 24 | | W | 20 | |
| | 35 | 0·5 | 29 | | W | 15 ± | |
| | 34 | 1 | 31 | | W | 20 | |
| | 34 | 2 | 34·5 | | W | 25 ± | |
| | 30 | 10 | 42 | | W | 30 | |
| | | 0·5 | 56 | | W | 15 | |
| | 24 | 2·5 | 62 | | W | 45 | |
| Do. 3. S.S. | 8 53 | ... | 78·5 | ... | E | 20 | |
| | 51 | | 74·5 | | E | 40 ± | Very faint. |
| | 48 | 2·5 | 65 | | E | 24 | |
| | 46 | | 56·5 | | E | 20 | |
| | 45 | 0·5 | 44 | | E | 20 | Double. |
| | 35 | 1·5 | 31 | | E | 24 | |
| | 35 | 1 | 28 | | E | 24 | Connected to one another. |
| | 35 | 1 | 26 | | E | 24 | |
| | 35 | 2 | 20·5 | | E | 24 | |
| | 28 | 4·5 | | 28 | E | 24 | |
| | 19 | 2·5 | | 66 | E | 36 | |
| | 15 | 2·5 | | 71 | E | 20 | Arch-like. |
| | 9 35 | 8 | | 38 | W | 100 & 48 | |
| | 20 | | | 16·5 | W | 60 | Detached from chromosphere. |
| | | | | 5·5 | W | 20 | |
| | | 0·5 | 8 | | W | 15 | |
| | 24 | | 16·5 | | W | 60 | A cloud about 5° broad separate from limb. |
| | | | | | | | Partly connected to limb in Ca. |
| | 20 | 8 | 26 | | W | 48 | More continuous in Ca. |
| | 10 | 1 | 38·5 | | W | 20 | Double. |
| | 10 | 3 | 43 | | W | 80 | Double with a floating cloudlet at top. |
| | 10 | | 47 | | W | 30 | |
| | 0 | 4 | 63 | | W | 100 | Faint in Ca. |
| | 8 55 | 1 | 84 | | W | 20 | |
| Do. 4. G.N. | ... | 1 | ... | 12·5 | E | 15 | |
| | 9 10 | 2 | | 20 | E | 25 | |
| | 8 | 15 | | 30·5 | E | 30 & 25 | |
| | 8 48 | 0·5 | | 61·5 | E | 20 | |
| | 47 | 3 | | 66·5 | | 30 ± | Three, close to one another. |

| Date and observer. | Hour M.M.T. | Base. | Latitude. | | Limb. | Height. | Remarks. |
|---|---|---|---|---|---|---|---|
| | | | North. | South. | | | |
| 1905. | H. M. | ° | ° | ° | | ″ | |
| May 4. G.N. | 8 45 | 0·5 | ... | 84 | E | 15 | |
| | 9 50 | | | 67·5 | W | 15 | |
| | 8 53 | | | 55 | W | 25 ± | Ca. |
| | 9 45 | 6 | | 42 | W | 65 | |
| | 45 | | | 37 | W | 40 | |
| | 39 | 1 | 0·5 | | W | 30 | |
| | 35 | 0·5 | 13·5 | | W | 50 | Broad at top. |
| | 32 | 2 | 28 | | W | 25 ± | Faint. |
| | 32 | 3 | 30·5 | | W | 20 | |
| | 30 | 3 | 44 | | W | 40 | |
| | 30 | 0·5 | 47 | | W | 20 | |
| | 27 | 3 | 63·5 | | W | 25 | About 40″ high in Ca. |
| | 25 | | 70 | | W | 30 | Broken in the middle. |
| | 20 | | 65·5 | | E | 45 | |
| | 15 | | 33 | | E | 25 | |
| | 15 | | 30·5 | | E | 15 | |
| Do. 5. S.S. | 9 3 | 1 | 69·5 | ... | E | 30 | Double. |
| | 0 | 4 | 62·5 | | E | 50 | |
| | 8 55 | 9 | 21·5 | | E | 40 & 36 | |
| | 48 | | | 10 | E | 20 | |
| | 40 | 15·5 | | 32 | E | 50 & 36 | Ca. prominence is 3° broader. |
| | 36 | 4 | | 66 | E | 36 & 24 | Four, close to one another. |
| | 30 | 1 | | 73 | W | 20 | |
| | 23 | 1 | | 62·5 | W | 20 | |
| | 9 32 | 5 | | 43·5 | W | 36 | |
| | 30 | | | 39 | W | 24 | Detached from chromosphere. |
| | | | | 36 | W | 20 | |
| | 28 | 0·5 | | 33 | W | 24 | Broad at top. |
| | 26 | | | 28 | W | 20 | A cloudlet parallel to limb and detached from it. |
| | 23 | 1 | 4 | | W | 20 | |
| | 20 | 3 | 17 | | W | 36 | |
| | 20 | | 20 | | W | 36 | A cloudlet detached from limb. |
| | 16 | 0·5 | 43 | | W | 30 | |
| | 8 29 | | 46 | | W | 30 ± | Ca. |
| | | 3 | 63·5 | | W | | Very faint and low. Ca. prominence strong and 30″ high. |
| | 9 6 | 1 | 74 | | W | 18 | |
| Do. 6. G.N. | 10 40 | 6·5 | 65·5 | ... | E | 45 | |
| | | | 37 | | E | 10 | About twice as high in Ca. |
| | 32 | 1 | 33 | | E | 25 | |
| | 32 | 0·5 | 31·5 | | E | 40 | |
| | | 1 | 26·5 | | E | 40 | |
| | 30 | 8 | 17 | | E | 45 & 30 | More continuous in Ca. and meets the top of the above prominence in Ca. |
| | 9 | 4 | 4·5 | | E | 55 | Ca. |
| | 9 | 2·5 | | 8 | E | 15± | Ca. |
| | 26 | | | 11 | E | 15 | Double. |
| | 25 | | | 19·5 | E | 15 | Slightly larger in Ca. |
| | 9 | | | 24 | E | 20 ± | Ca. |
| | 23 | 7 | | 35·5 | E | 30 | |
| | 20 | 6 | | 64 | E | 20 | About 30″ high in Ca. |
| | 48 | 2 | | 38·5 | W | 15 | |
| | 47 | | | 22 | W | 40 | Broad except near base. |
| | 45 | | | 12 | W | 20 | |
| | 9 | 0·5 | | 4 | W | 30± | Ca. |
| | 9 | 1 | 34·5 | | W | 25± | Ca. |
| | 43 | 1 | 44 | | W | 45 | |
| | 42 | 0·5 | 52 | | W | 15 | |
| | 9 | 2 | 64 | | W | 30± | |
| Do. 7. S.S. | 9 22 | 3 | 65·5 | ... | E | 72 | |
| | 16 | 1 | 33 | | E | 24 | } Connected at base in Ca. |
| | 16 | 1 | 31 | | E | 24 | |
| | 16 | 1·5 | 29 | | E | 24 | |
| | 14 | 4 | 20 | | E | 24 | |
| | 8 25 | 2 | 4 | | E | 40 | Ca. |
| | 9 11 | 0·5 | | 3 | E | 24 | *See* Note. |
| | 10 | 1·5 | | 23 | E | 24 | |
| | 5 | 2 | | 38 | E | 15± | Displaced slightly to red. |
| | 1 | 2 | | 63 | E | 36 | |

| Date and observer. | Hour M.M.T. | Base. | Latitude. North. | Latitude. South. | Limb. | Height. | Remarks. |
|---|---|---|---|---|---|---|---|
| 1905. | h. m. | ° | ° | ° | | ″ | |
| May 7. S.S. | 8 59 | 1 | ... | 68 | E | 24 | |
| | | 1 | | 79·5 | E | 25± | |
| | 50 | 1 | | 73 | W | 18 | |
| | 50 | | | 71 | W | 18 | Detached from chromosphere. |
| | 50 | 0·5 | | 69 | W | 18 | |
| | 47 | | | 60 | W | 18 | Detached from chromosphere. |
| | 9 51 | | | 54 | W | 20 | |
| | 50 | | | 43 | W | 20 | |
| | 48 | | | 30 | W | 30 | |
| | 47 | 0·5 | | 25 | W | 24 | |
| | 45 | 4 | | 13·5 | W | 30 & 20 | |
| | 45 | 0·5 | | 9 | W | 30 | Broad at top. |
| | 39 | | | 0·5 | W | 36 | |
| | 36 | 3 | 7 | | W | 24 | |
| | 32 | 4 | 41 | | W | 40 | Top flows parallel to limb for about 10° to west. |
| | 30 | 1 | 51·5 | | W | 24 | |
| | 29 | | 55 | | W | 24 | Broad at top. |
| | 28 | | 64 | | W | 24 | |
| | 26 | 0·5 | 86 | | W | 20 | |
| | 26 | 1 | 87 | | W | 20 | |
| Do. 8. G.N. | 10 5 | 0·5 | 75 | ... | E | 20± | Ca. *See* Note. |
| | 5 | 1 | 66 | | E | 35 | Ca. |
| | 9 25 | 0·5 | 50·5 | | E | | Small. |
| | 34 | | | 28·5 | E | | Moderate. |
| | 10 5 | 1 | | 35·5 | E | 30± | Ca |
| | 9 32 | | | 43 | E | | Small. |
| | 10 5 | 0·5 | | 46 | E | 15± | Ca. |
| | 5 | | | 51·5 | E | 15± | Ca. |
| | 5 | 1 | | 56 | E | 15± | Ca. |
| | 5 | 1·5 | | 63 | E | 25± | Ca. |
| | 9 30 | 0·5 | | 66·5 | E | | Double, small. |
| | 30 | 0·5 | | 69 | E | | Small. |
| | 10 5 | 0·5 | | 69 | W | 25± | Ca. |
| | 9 45 | 1 | | 61·5 | W | | Small. |
| | 43 | 0·5 | | 27 | W | | Small. |
| | 10 5 | 7 | | 55·5 | W | Low. | Ca. |
| | 5 | 0·5 | | 6 | W | | Ca. Small. |
| | | 2 | 23 | | W | Low. | |
| | 9 40 | 2 | 29 | | W | | Small. Ca. prominence extends to Lat. + 37° W and is 80″ high. |
| | | | 47 | | W | | Moderate sized. Broad at top. |
| | 37 | 1 | 54·5 | | W | | Moderate sized. |
| Do. 9. S.S. | 9 2 | 1·5 | 82 | ... | E | 18 | |
| | 0 | 3 | 67 | | E | 30 | |
| | 8 49 | 3 | | 28·5 | E | 24 | |
| | 45 | 5·5 | | 44·5 | E | 48 | |
| | 38 | | | 63·5 | E | 72 | |
| | 35 | 1 | | 68·5 | E | 30 | |
| | 35 | | | 72 | E | 48 | |
| | 31 | | | 87 | W | 24 | A close double. |
| | 26 | | | 68 | W | 60 | Broad in the middle. Ca. prominence 75″ high at 9h 11m. |
| | 23 | | | 63·5 | W | 20 | Broad at top. |
| | 9 35 | 3 | | 34·5 | W | 72 | Double. Top about 6° long. |
| | 28 | 1·5 | | 28 | W | 30 | |
| | 28 | | | 25 | W | 60 | Detached from chromosphere. |
| | 28 | 1 | | 23 | W | 24 | A close double. |
| | 24 | 0·5 | | 6 | W | 24 | Top flows about 3° both ways. |
| | 21 | | 1·5 | | W | 30 | Height 90″ in Ca. |
| | 20 | 1·5 | 8 | | W | 24 | Height 90″ in Ca. |
| | 13 | | 31 to 40 | | W | 120 | A long cloud far away from limb. |
| | 7 | 1 | 56 | | W | 40 | |
| Do. 10. G.N. | 9 26 | 0·5 | 17·5 | ... | E | 15 | |
| | 11 | 1 | 0 | | E | 30 | Ca. |
| | 10 30 | | | 10·5 | E | 30 | Broken in the middle. |
| | 9 57 | 2 | | 15 | E | 20 | *See* Note. |
| | 55 | 4 | | 20 | E | 10 | |
| | 8 52 | 4·5 | | 46 | E | 45 | |
| | 45 | 1·5 | | 64 | W | 25 | |
| | 9 45 | 9 | | 31·5 | W | 40 | |
| | | 1 | | 25 | W | 30 | |

| Date and observer. | Hour M.M.T. | Base. | Latitude. | | Limb. | Height. | Remarks. |
|---|---|---|---|---|---|---|---|
| | | | North. | South. | | | |
| 1905. | H. M. | ° | ° | ° | | " | |
| May 10. G.N. | 10 14 | 1 | 2·5 | ... | W | 35 | Slightly taller in Ca. |
| | 9 39 | 1·5 | 12 | | W | 45 | A cloudlet over the top and unconnected with it making the total height 100″. |
| | 39 | 2 | 17·5 | | W | 25 | |
| | 11 | 4 | 30 | | W | 90 | Ca. |
| Do. 11. S.S. | 9 25 | ... | 85 | ... | E | 20 | |
| | 20 | 3 | 27·5 | | E | 40 | Base of Ca. prominence 10° broad. |
| | 8 42 | 0·5 | 10·5 | | E | 35 | Ca. |
| | 10 7 | 2 | 4 | | E | 90 | Consists of faint fragments. |
| | 9 15 | 3 | | 6·5 | E | 24 | |
| | 5 | 1 | | 14·5 | E | 60 | 3° broader in Ca } See Note 1. |
| | 5 | 0·5 | | 17 | E | 24 | |
| | 5 | 1 | | 21 | E | 18 | |
| | 5 | 1 | | 23·5 | E | 10± | |
| | 3 | | | 36·5 | E | 60± | Very faint. Slender. |
| | 8 59 | 2 | | 47 | E | 48 | |
| | 56 | 0·5 | | 52 | E | 20 | |
| | 55 | 1 | | 63·5 | E | 40 | |
| | 40 | 3 | | 68·5 | E | 60 | |
| | | | | 83 | W | 18 | Slender. |
| | 35 | 0·5 | | 67 | W | 24 | |
| | 9 25 | | | 57 | W | 60 | Ca. Detached from chromosphere. |
| | 59 | 4 | | 36 | W | 100 | |
| | | 1 | | 31·5 | W | 24 | |
| | | | | 1 | W | 24 | A cloudlet detached from limb meeting it in Ca. |
| | 48 | | 3·5 | | W | 50 | Tree-like. } Tops meet in Ca. |
| | 46 | 3 | 11·5 | | W | 75 | |
| | 43 | 2 | 17 | | W | 24 | Very bright. |
| | 39 | 2 | 26 | | W | 24 | |
| | 39 | 2 | 35 | | W | 50 | *See* Note 2. |
| | 34 | 2 | 49·5 | | W | 30 | |
| | 31 | 5 | 69·5 | | W | 90 | Consists of detached fragments. |
| | 28 | | 76 | | W | 40 | Broad at top. |
| Do. 14. G.N. | ... | 3 | 60·5 | ... | E | 20± | Ca. prominence 40″ high and 5° broad. |
| | 9 37 | 1 | 33·5 | | E | 25 | |
| | 36 | 2 | 25·5 | | E | 20 | |
| | 33 | 1 | 13 | | E | 30± | } Ca. prominence is surmounted by an arch 12° long. |
| | 33 | 1 | 6 | | E | 60± | |
| | 30 | | | 19 | E | 10 | |
| | 29 | | | 39 | E | 15 | |
| | 29 | | | 40·5 | E | 15 | |
| | 8 30 | | | 43 | E | 20± | Ca. |
| | 9 27 | | | 66 | W | 15 | |
| | 10 5 | | | 31·5 | W | 15± | Broader at top than at bottom. |
| | 8 30 | 1 | 11 | | W | 35 | Ca. |
| | 10 0 | 2 | 28 | | W | 15± | |
| | 8 30 | | 31 | | W | 30 | Ca. |
| | 9 50 | 2 | 71 | | W | 60± | Faint. Ca. prominence larger and 90″ high. |
| Do. 15. S.S. | 10 56 | 2 | 64 | ... | E | 36 | *See* Note. |
| | 56 | 1 | 59·5 | | E | 36 | |
| | 9 5 | | 35 | | E | 35± | |
| | 8 59 | 1·5 | 13·5 | | E | 30 | |
| | 54 | 3·5 | 4 | | E | 30 | |
| | 10 48 | 2 | | 23 | E | 20 | Bright. |
| | 8 49 | | | 27 | E | 20 | |
| | 49 | | | 29·5 | E | 24 | |
| | 9 20 | 0·5 | | 47 | W | 30± | |
| | 27 | 3 | | 31 | W | 20 | |
| | 28 | | | 17 | W | 24 | Broad at top. |
| | 11 6 | | 3 | | W | 24 | |
| | 4 | 7 | 32·5 | | W | Low. | |
| | 0 | 4 | 69 | | W | 60± | |
| Do. 16. G.N. | 9 12 | 1 | 60·5 | ... | E | 30 | |
| | 10 | 0·5 | 45 | | E | 12 | Ca. prominence 3° broad. |
| | 20 | 2 | 39·5 | | E | 10± | Ca. |
| | 7 | 8 | 18 | | E | 15 | Bright. |
| | 4 | 2 | 5 | | E | 30± | |
| | 1 | 2 | 0 | | E | 15 | |
| | 8 59 | | | 12 | E | 10 | |

| Date and observer. | Hour M.M.T. | Base. | Latitude. North. | Latitude. South. | Limb. | Height. | Remarks. |
|---|---|---|---|---|---|---|---|
| 1905. | H. M. | ° | ° | ° | | ″ | |
| May 16. G.N. | 9 20 | 4 | ... | 33 | E | 30± | Ca. |
| | 8 54 | 1 | | 61 | E | 15 | |
| | 52 | 1 | | 74·5 | W | 15 | |
| | 9 20 | | | 61 | W | 25± | Ca. |
| | 19 | 1 | 16·5 | | W | 10 | Bright. |
| | 19 | 1·5 | 20 | | W | 15 & 20 | Close double. |
| | 17 | | 35 | | W | 15 | |
| | 15 | 2 | 69 | | W | 45 | |
| Do. 17. S.S. | 8 55 | 5 | 60·5 | ... | E | 48 | *See* Note. |
| | 48 | 2 | 45 | | E | 48 | |
| | 45 | 3 | 39·5 | | E | 50 | |
| | 41 | 0·5 | 35 | | E | 36 | Connected in Ca. |
| | | | 31 | | E | 25± | Very faint. |
| | 36 | 6 | 22 | | E | 30 | |
| | 34 | | 10 | | E | 36 | Slender. |
| | 33 | 5 | 5 | | E | 20 | Very faint. Extends to Lat. + 13° E, in Ca. |
| | 26 | 4·5 | | 11 | E | 30 | |
| | 24 | 3 | | 39·5 | E | Low. | |
| | 19 | | | 58 | E | 40 | Broad at top. |
| | | 4 | | 71 | E | Low. | |
| | 9 10 | 10 | | 20 | W | 30 | |
| | 8 | 0·5 | | 8·5 | W | 30 | |
| | 8 24 | 3 | 18·5 | | W | 20 | Ca. |
| | 9 0 | 0·5 | 68·5 | | W | 30 | Ca. prominence 4° broad. |
| Do. 18. G.N. | 9 20 | ... | 59 | ... | E | 25 | Broad at top. |
| | 16 | 2 | 45 | | E | 50 | 65″ high in Ca. |
| | 15 | 2 | 35 | | E | 20 | 3° broad in Ca. |
| | 13 | 1·5 | 23 | | E | 25 | |
| | 11 | | | 9·5 | E | 20 | |
| | 9 | | | 18 | E | 30± | Broken in the middle; upper part broad. Connected at top in Ca. |
| | 7 | | | 23·5 | E | 30± | Do. |
| | 5 | 0·5 | | 44 | E | 20 | |
| | 2 | 1 | | 71·5 | W | 30 | |
| | 0 | 1·5 | | 65 | W | 45 | |
| | 50 | 0·5 | | 33·5 | W | 20 | About twice as high in Ca. |
| | 38 | 2 | | 25 | W | 35± | Slightly taller in Ca. |
| | 38 | 2 | | 19 | W | 20± | Connected at top in Ca. |
| | 38 | 2 | | 13·5 | W | 20± | |
| | 8 35 | 3 | 15·5 | | W | 20± | Ca. |
| | 9 30 | 1·5 | 37 | | W | 25 | Ca. prominence 4° broad. |
| | 8 35 | | 57 | | W | 15 | Ca. |
| | 35 | | 68 | | W | 30 | Ca. |
| | 35 | | 72 | | W | 15 | Ca. |
| Do. 19. S.S. | ... | 1·5 | 67 | ... | E | 20 | |
| | 9 10 | 4·5 | 61 | | E | 60 | |
| | 5 | 6 | 48 | | E | 70 | |
| | 53 | | | 23 | E | 20 | Slender. |
| | 53 | | | 26 | E | 20 | Slender. |
| | 50 | 1 | | 31 | E | 30 | |
| | 50 | 3·5 | | 37 | E | Low. | |
| | 48 | 1·5 | | 41·5 | E | 18 | |
| | 47 | 1·5 | | 45 | E | 18 | |
| | 44 | 1 | | 70·5 | E | 24 | |
| | 42 | 1·5 | | 86 | E | 18 | |
| | 40 | | | 82 | W | 20 | |
| | 40 | 1 | | 66 | W | 60 | Large except near base. Rapidly changing. |
| | 34 | 1 | | 32 | W | 36 | |
| | 32 | 5 | | 24·5 | W | 30 | |
| | 29 | 1 | | 16·5 | W | 30 | |
| | 24 | 11 | 15·5 | | W | 40 | Base 3° broader in Ca. |
| | 17 | 4·5 | 65 | | W | 36 | |
| | 15 | 3 | 71·5 | | W | 20 | |
| Do. 22. G.N. | 8 41 | 6·5 | 26 | ... | E | 35± | *See* Note. |
| | | 1 | 16·5 | | E | 25± | |
| | 37 | 1 | 6·5 | | E | 20± | Height 40″ in Ca. |
| | 30 | 0·5 | | 33 | E | 45± | Broad at top. 65″ high in Ca. |

| Date and observer. | Hour M.M.T. | Base. | Latitude. | | Limb. | Height. | Remarks. |
|---|---|---|---|---|---|---|---|
| | | | North. | South. | | | |
| 1905. | H. M. | ° | ° | ° | | ″ | |
| May 22. G.N. | 8 30 | ... | ... | 38 | E | 30± | Broad at top. |
| | 40 | | | 68 | W | 50 | Ca. Broad at top. |
| | 50 | 1 | | 39·5 | W | 15± | |
| | 46 | 1 | 16 | | W | 20± | |
| | 40 | 2 | 73 | | W | 30± | Ca. |
| Do. 23. S.S. | 10 17 | 4·5 | 33·5 | ... | E | 30 | |
| | 17 | 2 | 28 | | E | 48 | |
| | | 1 | 17·5 | | E | 20± | |
| | | 0·5 | | 2 | E | 20± | |
| | 7 | 1 | | 29·5 | E | 30± | |
| | 39 | 1 | | 49 | E | 70 | Ca. Very faint. |
| | 38 | | 11 | | W | 40± | Almost detached from limb |
| | 35 | 2 | 25 | | W | 20 | |
| | 39 | 1 | 72·5 | | W | 30± | Ca. |
| Do. 24. G.N. | 8 50 | 1 | 79 | ... | E | 10 | |
| | 47 | 2·5 | 35 | | E | 20 | |
| | 45 | 2 | 27 | | E | 60± | Broad at top. Fragmentary. Ca. prominence 6″ broad and 70″ high. |
| | 9 37 | 7 | 6 | | E | 35± | Ca. |
| | 8 42 | | 0 | | E | 20 | |
| | 29 | | | 32·5 | E | 45± | Broad at top. |
| | 37 | 1 | | 37 | E | 25 | |
| | 35 | 3 | | 62 | E | 20 | |
| | 34 | 1 | | 83 | E | 10 | Double. |
| | 30 | | | 78 | W | 15 | |
| | 30 | | | 77 | W | 15 | |
| | 9 37 | 2 | | 67·5 | W | 25± | Ca. |
| | 5 | 0·5 | | 52·5 | W | 40 | Faint. Pretty strong in Ca. |
| | 2 | 4 | | 23·5 | W | 25 | Top meets limb again at Lat. — 17°·5 W. |
| | 8 59 | 0·5 | | 8 | W | 10 | |
| | 52 | 0·5 | 30 | | W | 10 | Slightly larger and taller in Ca. |
| Do. 25. S.S. | ... | ... | 58 | ... | E | 24 | Slender. |
| | 8 55 | 13 | 29·5 | | E | 120± | More continuous in Ca. |
| | 46 | 1 | 9 | | E | 75 | |
| | 44 | 1 | | 13·5 | E | 20 | |
| | 36 | 2 | | 33 | E | 60 | |
| | 36 | 2 | | 37 | E | 36 | |
| | 25 | 1·5 | | 63 | E | 24 | Double. |
| | 25 | 0·5 | | 66 | E | 25± | |
| | 25 | 0·5 | | 67·5 | E | 20 | |
| | 25 | 0·5 | | 20 | E | 20 | |
| | 9 55 | 1·5 | | 80 | W | 20 | |
| | 53 | | | 50 | W | 40± | Ca. prominence extends from Lat. — 57° W. to — 42° W. |
| | 53 | 1 | | 48·5 | W | 10± | |
| | | 3 | | 29·5 | W | 10± | |
| | 35 | 2·5 | | 17 | W | 24 | |
| | 32 | 2 | | 10 | W | 18 | A streak proceeds from near its top to Lat. — 2° W. |
| | 30 | | 9 | | W | 60 | Broad at top. Larger in Ca. |
| | 12 | | 66 | | W | 60 | Broad at top. |
| Do. 26. G.N. | 8 50 | 9 | 26·5 | ... | E | 90 & 35 | 130″ high in Ca. |
| | 42 | 1 | | 31·5 | E | 20 | |
| | 41 | | | 40 | E | 15 | |
| | 40 | 3·5 | | 55 | E | 20 | |
| | 9 15 | | | 68 | W | 20 | Broad except near base. |
| | 15 | 1 | | 64 | W | 20 | |
| | 12 | 3·5 | | 52 | W | 100 & 60 | |
| | 9 | | | 47 | W | 45 | Broad at top. |
| | | 6 | | 14 | W | 15 | |
| | | | | 9·5 | W | 30 | Broad at top. |
| | 2 | | | 4 | W | 20 | |
| | 0 | 1·5 | 9·5 | | W | 12 | Taller in Ca. |
| | 58 | 2 | 66 | | W | 40± | |
| | 58 | | 69 | | W | 30 | Slender. |
| Do. 27. S.S. | 9 22 | ... | 67 | ... | E | 45 | Very faint; detached from limb. |
| | 18 | 2 | 51 | | E | 30 | |
| | 18 | 1·5 | 47·5 | | E | 30 | |

| Date and observer. | Hour M.M.T. | Base. | Latitude. | | Limb. | Height. | Remarks. |
|---|---|---|---|---|---|---|---|
| | | | North. | South. | | | |
| 1905. | H. M. | ° | ° | ° | | " | |
| May 27. S.S. | 9 11 | 4 | 38 | ... | E | 36 | Ca. prominence extends to Lat. + 31° E. |
| | 8 | 7 | 25·5 | | E | 20 | Eruptive. Northern end 85″ high in Ca. |
| | | 3·5 | 19 | | E | 10± | |
| | 6 | 0·5 | 13 | | E | 20 | Bright. Hook-like. |
| | 50 | 1 | 10·5 | | E | 30 | Ca. |
| | 2 | | 2 | | E | Low. | Bright. |
| | 8 59 | 1 | | 33·5 | E | 30 | Double. |
| | 51 | 0·5 | | 40·5 | E | 24 | Double. |
| | 48 | | | 51 | E | 24 | Broad at top. |
| | 35 | 2·5 | | 64 | W | 60 | |
| | 9 38 | 1 | | 41 | W | 50 | Broad at top. Base 6° broad in Ca. |
| | 32 | 1·5 | 13·5 | | W | 48 | |
| | 27 | 2 | 63 | | W | 60 | Larger in Ca. |
| Do. 28. S.S. | 10 31 | 0·5 | 68 | ... | E | 90 | Ca. |
| | 9 54 | 4 | 37·5 | | E | 60 | |
| | | 7 | 29·5 | | E | Low. | |
| | 50 | 1 | 19·5 | | E | 24 | Surmounted by a fragmentary streak 6° long in Ca. |
| | 45 | 2 | | 43 | E | 24 | Double. |
| | 10 31 | 5 | | 65·5 | W | 45 | Ca. Faint. |
| | 22 | 0·5 | | 41 | W | 40 | Broad at top. |
| | 20 | 0·5 | | 25 | W | 20 | Top flows for about 3° to W. |
| | 18 | 3 | | 17·5 | W | 36 | |
| | 14 | | 10 to 15 | | W | 75 | A long cloud away from the limb. |
| | 10 | 0·5 | 32·5 | | W | 40 | |
| | 8 | | 36·5 | | W | 30 | Broad at top. |
| | 5 | 1 | 64·5 | | W | 36 | |
| Do. 29. G.N. | 10 36 | ... | 76 | ... | E | 25± | Very faint; larger in Ca. |
| | 28 | 0·5 | 70·5 | | E | 35 | Ca. Broad at top. |
| | 28 | 1 | 66·5 | | E | 25± | Ca. |
| | 35 | 1·5 | 30 | | E | 15 | |
| | 34 | 1 | 10·5 | | E | 12 | |
| | 31 | 0·5 | | 8 | E | 12 | |
| | 30 | 0·5 | | 43 | E | 20 | |
| | 30 | 1 | | 45·5 | E | 30 | |
| | 28 | 6 | | 58 | E | 35 | Ca. |
| | 27 | 0·5 | | 71 | E | 12 | |
| | 45 | 0·5 | | 42 | W | 20± | Faint. |
| | 38 | 1 | 35·5 | | W | 50± | Ca. prominence 30″ high and surmounted by a slanting streak. |
| | 38 | 1 | 38 | | W | 30 | |
| Do. 30. S.S. | 9 27 | 1 | 74 | ... | E | 30 | |
| | 14 | 4 | 19·5 | | E | 60 | Very rapidly changing. |
| | | 1·5 | 10 | | E | 20 | Eruptive; slightly displaced. |
| | 5 | 1 | 3 | | E | 20 | |
| | 8 55 | | | 43 | E | 40 | |
| | 55 | 2 | | 45 | E | 40 | |
| | 9 27 | 6 | | 68 | W | 90 | Ca. |
| | 52 | 1 | | 64·5 | W | 20± | Very faint. |
| | 48 | 3 | | 51·5 | W | 40± | Very faint. 60″ high in Ca. |
| | 42 | 1 | | 11·5 | W | 24 | |
| | 39 | 4 | 23 | | W | 30 | |
| | 35 | 1·5 | 35 | | W | 20± | |
| Do. 31. G.N. | 8 45 | 1 | 72·5 | ... | E | 30 | |
| | 41 | | 29 | | E | 15 | Slightly larger in Ca. |
| | 40 | 5 | 21·5 | | E | 12 | Slightly taller in Ca. |
| | 38 | 3·5 | 13 | | E | 30 | |
| | 9 40 | | | 9 | E | 25± | Ca. |
| | 40 | | | 15 | E | 25± | Ca. |
| | 8 34 | | | 55·5 | E | 20 | |
| | 31 | 0·5 | | 57·5 | E | 15 | |
| | 30 | 0·5 | | 75·5 | E | 12 | |
| | 9 4 | | | 72 | W | 15 | Slender. |
| | 40 | 2·5 | | 53 | W | Low. | Ca. |
| | 2 | 1 | | 50·5 | W | 30± | Faint. |
| | 0 | 1 | | 45 | W | 30 | Slightly taller in Ca. |
| | 10 05 | 0·5 | | 37·5 | W | 15 | Slightly taller in Ca. |

| Date and observer. | Hour M.M.T. | Base. | Latitude. North. | Latitude. South. | Limb. | Height. | Remarks. |
|---|---|---|---|---|---|---|---|
| 1905. | H. M. | ° | ° | ° | | ″ | |
| May 31. G.N. | 8 55 | 6 | 23 | ... | W | 15 | Double. |
| | 9 40 | | 32 | | W | 25 ± | Slender, Ca. |
| | 8 51 | 2 | 40 | | W | 30 | About 50″ high in Ca. |
| June 1. S.S. | 9 35 | 3 | 70·5 | ... | E | 90 | |
| | 25 | 1 | | 18 | E | 36 | 3° broad in Ca. |
| | 25 | 2 | | 21 | E | 15 ± | Ca. |
| | 14 | 1 | | 26 | E | 25 | |
| | 25 | | | 32 | E | 25 ± | Ca. |
| | | | | 82 | E | 20 | |
| | 25 | 3 | | 66·5 | W | 35 | Ca. |
| | 56 | 0·5 | | 44 | W | 75 | Ca. prominence extends to Lat. − 33° W. |
| | 25 | 2 | | 30 | W | 40 | Ca. |
| | | 0·5 | | 13 | W | 20 | |
| | 45 | 9 | 40·5 | | W | 30 | Three meeting at top. 40″ high in Ca. |
| Do. 2. G.N. | 9 10 | 2·5 | 70 | ... | E | 90 | |
| | 8 | 0·5 | 16·5 | | E | 15 | Broad at top; more so in Ca. |
| | 7 | 0·5 | 8·5 | | E | 15 | Broad at top in Ca. |
| | | 0·5 | 2·5 | | E | 30 ± | Ca. Slanting and long. |
| | 5 | 3 | | 17·5 | E | 45 | Top of Ca. prominence meets limb again at − 11° E. |
| | 1 | 3 | | 37 | E | 60 | Top of Ca. prominence meets limb at Lat. − 33° E. and − 28° E. |
| | 0 | 1 | | 63·5 | E | 20 | |
| | 8 59 | 0·5 | | 67·5 | E | 20 | |
| | 59 | 0·5 | | 71·5 | E | 15 | |
| | 55 | | | 84·5 | W | 30 | Broad at top. |
| | 9 29 | 0·5 | | 67 | W | 20 | Double. Ca. prominence 3° broad and 100″ high. |
| | 26 | 5 | | 43 | W | 60, 30 & 20 | |
| | 19 | 2 | 6 | | W | 35 | |
| | 16 | 8 | 43 | | W | 30 | |
| | 13 | | 66 | | W | 30 | |
| Do. 3. S.S. | 10 34 | 2 | 31 | ... | E | 60 | Ca. |
| | 28 | 5 | 17·5 | | E | 20 | Was only 0°·5 broad at 10h 35m. |
| | 21 | 1 | | 18 | E | 30 | |
| | 17 | 3·5 | | 25 | E | 30 | |
| | 15 | 2 | | 39 | E | 42 | |
| | 9 | 3 | | 62·5 | E | 30 | |
| | 54 | 6 | | 44·5 | W | 36 ± | |
| | 52 | 0·5 | | 11·5 | W | 24 | |
| | 46 | 4 | 49 | | W | 20 | |
| Do. 4. S.S. | 11 41 | ... | 68·5 | ... | E | 20 | *See* Note. |
| | 41 | | 67 | | E | 36 | |
| | 41 | | 64 | | E | | |
| | 46 | 3·5 | 16 | | E | 40 | |
| | 53 | 0·5 | | 19·5 | E | 25 | Broad at top. |
| | 55 | 4 | | 28 | E | 40 | |
| | 20 | | | 54 | W | 20 | Slender. |
| | | 1 | | 45 | W | 20 | |
| | 22 | 1 | | 32 | W | 25 | Double. |
| | 30 | 1 | 23 | | W | 20 | |
| | 30 | | 27 | | W | 20 | |
| | 35 | 1 | 49 | | W | 90 ± | |
| | 37 | 1 | 54 | | W | 30 | |
| Do. 5. K.V.S. | 11 14 | 1 | 63 | ... | E | 60 | Extends to Lat. + 59° E. in Ca. |
| | 0 | 3 | 15·5 | | E | 30 | Consists of detached fragments. |
| | 0 | | 11 | | E | 15 | |
| | 10 58 | 3 | | 4·5 | E | Low. | 30″ high in Ca. |
| | 9 25 | 6 | | 16 | E | 75 | |
| | 16 | | | 22 | E | 30 ± | Ca. |
| | 16 | | | 24 | E | 30 ± | Ca. |
| | 15 | 2 | | 41·5 | E | 30 | |
| | 8 | 3 | | 66 | E | 24 | |
| | 4 | 2·5 | | 70 | E | 40 | |
| | 0 | | | 81 | E | 20 | |
| | 10 19 | | | 83 | W | 30 | Slender. |
| | 9 16 | 1 | | 65·5 | W | 25 ± | Ca. |
| | 10 15 | | | 56 | W | 10 | |

| Date and observer. | Hour M.M.T. | Base. | Latitude. North. | Latitude. South. | Limb. | Height. | Remarks. |
|---|---|---|---|---|---|---|---|
| 1905. | h. m. | ° | ° | ° | | ″ | |
| June 5. K.V.S. | 10 15 | ... | ... | 53 | W | 20 | Slender. |
| | 11 40 | | | 34 | W | 30 | 55″ high in Ca. |
| | 10 8 | 2 | | 13·5 | W | 20 | |
| | 9 56 | | 26 | | W | 30 | |
| | 50 | 14 | 37 | | W | 60 & 40 | Base 3° broad in Ca. |
| Do. 6. K.V.S. | 10 50 | 5 | 67·5 | ... | E | 90 | Broken arch. |
| | 36 | 4 | 51 | | E | 30 & 35 | |
| | 32 | 1 | 40·5 | | E | Low. | Bright. |
| | 9 58 | 2 | | 12 | E | 30 ± | Ca. |
| | 58 | 6 | | 17 | E | 20 ± | Ca. |
| | 10 22 | | | 20·5 | E | 15 | |
| | 22 | | | 23 | E | 15 | |
| | 20 | 1 | | 26·5 | E | 35 | |
| | 14 | 6·5 | | 42 | E | 40 & 60 | |
| | 5 | 1 | | 68·5 | E | 90 | |
| | 9 55 | | | 76 | W | 35 | |
| | 58 | | | 3 | W | 30 ± | Ca. |
| | 11 40 | 1 | | 0·5 | W | 30 | Top meets limb again at Lat. + 6° W in Ca. |
| | 9 58 | | 19 | | W | 30 | Ca. Detached cloudlet. |
| | 11 25 | 2 | 31 | | W | 90 | Ca. prominence much larger and 105″ high. |
| | 0 | 1 | 67 | | W | 20 | |
| Do. 7. K.V.S. | 9 30 | 4 | 71 | ... | E | 70 | Faint. 7° broad in Ca. |
| | 31 | 1 | 62 | | E | 25 ± | Ca. |
| | 7 | | 19 | | E | 30 | |
| | 2 | 1·5 | | 12 | E | 20 | |
| | 31 | | | 21 | E | 35 ± | Ca. |
| | 31 | | | 25 | E | 20 ± | Ca. |
| | 8 52 | | | 27 | E | 35 | |
| | 45 | 2 | | 42 | E | 30 & 20 | Double. 4° broad in Ca. |
| | 9 31 | | | 57 | E | 20 ± | Ca. |
| | 8 57 | | | 75 | E | 25 | |
| | 9 31 | 0·5 | | 44 | W | 30 ± | Ca. |
| | 31 | 1 | | 38·5 | W | 30 ± | Ca. |
| | 10 15 | 1 | | 34 | W | 20 | |
| | 10 | | 6 | | W | 40 | Extends to Lat. + 11° W. in Ca. |
| | 9 31 | 0·5 | 17 | | W | 30 ± | Ca. |
| | 10 1 | 1·5 | 24 | | W | 40 | } Connected at base in Ca. Bright. |
| | 9 58 | 1 | 28 | | W | Low. | |
| | 55 | | 36 | | W | 30 | A detached cloudlet. Almost meets the limb in Ca. |
| | 45 | 0·5 | 58 | | W | 35 | |
| | 40 | 1 | 75·5 | | W | 20 | |
| Do. 11. K.V.S. | 9 24 | 1 | 38·5 | .. | E | 30 | |
| | 8 51 | 2 | 32 | | E | 20 ± | Ca. |
| | 9 17 | 0·5 | 25 | | E | 15 | Top meets limb again at Lat. + 29° E. in Ca. |
| | 10 | 3 | 0·5 | | E | 20 | |
| | 8 51 | 6 | | 5 | E | 25 | Ca. Arch-like. |
| | 9 0 | | | 24 | E | 50 | Broad at top. |
| | | 4 | | 28·5 | E | 35 | |
| | 8 50 | 3 | | 39·5 | E | 60 | Top meets limb again at Lat. — 32 E. in Ca. |
| | 44 | 4 | | 65 | E | 50 | Faint. |
| | 9 57 | 0·5 | | 74 | W | 20 | |
| | 55 | 3 | | 25·5 | W | Low. | |
| | 52 | 0·5 | | 2 | W | 30 | Faint. |
| | 8 51 | 1 | 7 | | W | 60 | Ca. |
| | 9 47 | 1 | 17 | | W | Low | Bright. |
| | 30 | 1 | 66·5 | | W | 20 | Faint. |
| Do. 12. K.V.S. | 9 22 | ... | 69 | ... | E | 30 ± | Ca. |
| | 35 | 0·5 | 38·5 | | E | 45 | A streamer flows eastward from the top in Ca. |
| | 30 | 8 | 22·5 | | E | 30 | |
| | 25 | 1 | 17 | | E | 35 | Broken in the middle. Upper part larger. |
| | 20 | | 6·5 | | E | 30 | |

| Date and observer. | Hour M.M.T. | Base. | Latitude. North. | Latitude. South. | Limb. | Height. | Remarks. |
|---|---|---|---|---|---|---|---|
| 1905. | H. M. | ° | ° | ° | | ″ | |
| June 12 K.V.S. | 9 15 | 5 | ... | 2·5 | E | 40 | |
| | 8 | 2 | | 26 | E | 70 | |
| | 8 | 1 | | 29·5 | E | 70 | *See* Note. |
| | 1 | | | 36 | E | 20 | Detached from limb. } Form different in Ca. |
| | 0 | 2 | | 41 | E | 90 | |
| | | 0·5 | | 40 | W | 15 ± | |
| | 58 | 1 | | 37 | W | 15 | |
| | 22 | 0·5 | 9 | | W | 60 ± | Ca. |
| | 54 | 0·5 | 12 | | W | 25 | |
| | 51 | 2 | 21 | | W | 25 | |
| | 45 | 1 | 67·5 | | W | 60 | |
| | 8 50 | 1 | | 66·5 | E | 30 | Top about 6° long in Ca. |
| | 10 3 | | | 41 | W | 25 | Detached from limb. 35″ high in Ca. |
| | | 0·5 | | 40 | W | 15 ± | |
| Do. 13. S.S. | ... | 3·5 | 77 | ... | E | Low. | |
| | 9 24 | 1·5 | 70 | | E | 36 | |
| | 19 | 2·5 | 45 | | E | 50 | |
| | 16 | 5 | 38·5 | | E | 36 | Arch-like |
| | 14 | 1 | 30·5 | | E | 36 | Eruptive. |
| | 10 | 8 | 23·5 | | E | 30 | Eruptive. |
| | 6 | 0·5 | 5 | | E | 30 | Top flows northwards for 3°. |
| | 3 | 10 | | 11 | E | 24 | |
| | | 2 | | 22 | E | Low. | Bright; eruptive. |
| | 8 57 | 1 | | 31 | E | 18 | |
| | 54 | 7 | | 49·5 | E | 30 & 36 | |
| | 47 | 5 | | 65·5 | E | 36 | |
| | 45 | 1·5 | | 70·5 | E | 25 | |
| | 40 | 1·5 | | 88 | E | 20 | Faint. |
| | 9 47 | 1 | | 63 | W | 45 | Top flows westward for 3°. |
| | 45 | 1 | | 59·5 | W | 20 | Double. |
| | 43 | 4 | | 31 | W | 20 | |
| | 41 | | | 18 | W | 30 | |
| | 39 | 0·5 | 13 | | W | 25 | |
| | 37 | 4·5 | 20 | | W | 25 | Bright and massive. |
| Do. 14. G.N. | 8 33 | 2 | 66 | ... | E | 60 | Ca. *See* Note. |
| | 10 18 | 1 | 41·5 | | E | | Moderate sized. |
| | 15 | 1·5 | 28 | | E | 40 ± | |
| | 14 | 5 | 18·5 | | E | Low. | |
| | 11 | 2 | | 29 | E | Low. | |
| | 17 | 0·5 | 37·5 | | E | | Small. |
| | 8 33 | 5 | | 42·5 | E | 40 | Ca. |
| | 10 10 | 0·5 | | 46 | E | | Small. |
| | 8 33 | 3 | | 52·5 | E | 35 | Ca. |
| | 33 | 2 | | 69 | E | 30 | Ca. |
| Do. 15 K.V.S. | 9 30 | 0·5 | 70 | ... | E | 70 | Ca. |
| | 30 | 0·5 | 66·5 | | E | 20 | Faint. 70″ high in Ca. |
| | 20 | 6 | 42 | | E | 90 | |
| | 7 | | 37 | | E | 30 | Broad at top. |
| | 30 | 11 | | 25·5 | E | 165 | Ca. Upper portion separated from the lower by about 90″. |
| | 1 | | | 31 | E | 20 | |
| | 30 | 3 | | 40·5 | E | Low. | Ca. |
| | 30 | 2 | | 67 | E | 35 ± | Ca. |
| | 10 33 | | | 63 | W | 60 | Larger and 90″ high in Ca. |
| | | 0·5 | | 55·5 | W | Low. | Bright. |
| | 12 | 3 | | 23·5 | W | 35 | |
| | 6 | 1·5 | | 11·5 | W | 30 | |
| | 1 | 4 | 4 | | W | 50 | |
| | 9 55 | 0·5 | 14 | | W | 20 | |
| | 53 | 1 | 19 | | W | 25 | |
| | 50 | | 25 | | W | 20 | Detached from limb. |
| | 40 | 0·5 | 78·5 | | W | Low. | Bright. |
| Do. 16 G.N. | 11 42 | ... | 52 | ... | E | 15 | |
| | | 0·5 | 47 | | E | 25 | |
| | 40 | 1 | 42 | | E | 60 ± | |
| | 9 26 | | | 30 | E | 25 ± | Ca. |
| | 11 35 | 8 | | 39 | E | 50 & 20 | |
| | 33 | 0·5 | | 52 | E | 12 | |
| | 58 | 4 | | 40 | W | 30 | |

| Date and observer. | Hour M.M.T. | Base. | Latitude. | | Limb. | Height. | Remarks. |
|---|---|---|---|---|---|---|---|
| | | | North. | South. | | | |
| 1905. | H. M. | ° | ° | ° | | ″ | |
| June 16. G.N. | 11 58 | 1 | ... | 31 | W | 25 | |
| | 52 | 8 | 4 | | W | 60 | *See* Note. |
| | 9 26 | 6 | 37 | | W | 20± | Ca. |
| | 11 46 | | 45·5 | | W | 10 | |
| | 46 | 0·5 | 52 | | W | 15 | |
| | 45 | | 77 | | W | 15 | |
| Do. 17. G.N. | 8 50 | ... | 57 | ... | E | 12 | |
| | 48 | 3 | 47·5 | | E | 25 | |
| | 46 | 2 | 23 | | E | 25 | |
| | 26 | 0·5 | | 23·5 | E | 25± | Ca. |
| | 9 0 | 3·5 | | 40·5 | W | 30± | |
| | 8 58 | 1·5 | | 23 | W | 15 | |
| | 58 | 1 | | 21 | W | 15 | |
| | 58 | 1·5 | | 18 | W | 15 | |
| | 55 | 1·5 | 22 | | W | 12 | |
| | 52 | | 28 | | W | 12 | |
| Do. 21. S.S. | 10 40 | ... | 26 | ... | E | 30± | |
| | 11 58 | 2 | | 31·5 | W | 40± | |
| | 55 | | | 17 | W | 60± | |
| | 55 | 1 | | 15 | W | 25 | |
| | 53 | | 14 | | W | 60± | *See* Note. |
| Do. 22. K.V.S. | 9 5 | 2 | 25 | ... | E | 120 | *See* Note. |
| | 8 48 | 0·5 | | 2·5 | E | 20 | |
| | 39 | | | 23 | E | 20 | |
| | 9 45 | 2 | | 69 | W | 45 | |
| | 40 | 3 | | 44·5 | W | Low. | |
| | 25 | 1·5 | | 31·5 | W | 25 | |
| | 31 | | | 10 | W | 30 | |
| | 25 | 1·5 | 0·5 | | W | 30 | Base 2° broader in Ca |
| | | | 29 | | W | 20± | |
| Do. 23. S.S. | 11 20 | 6 | 23·5 | ... | E | 20 | Eruptive. |
| | | 3 | | 1 | E | 25 | |
| | 51 | 1 | | 7·5 | E | 25 | |
| | 51 | | | 12 | E | 25 | |
| | 51 | 5 | | 24·5 | E | 40 | Eruptive. |
| | 47 | 3 | | 39 | E | 25 | |
| | 44 | | | 61 | E | 20 | |
| | 10 58 | | | 66 | W | 45 | |
| | | 1 | | 42·5 | W | 30 | |
| | | | | 12 | W | 25 | |
| | 11 59 | 1·5 | 25 | | W | 30 | |
| Do. 24. K.V.S. | 9 35 | 0·5 | 76 | ... | E | 35 | Bright, needle-like. |
| | 27 | 1 | 61 | | E | 20 | Somewhat taller in Ca. |
| | 10 16 | 1·5 | 54·5 | | E | 20± | |
| | 9 15 | 2 | 40 | | E | 35 | } Meeting at top in Ca. |
| | 7 | 2·5 | 30 | | E | 45 | |
| | 0 | 1 | 21·5 | | E | 20 | |
| | 8 56 | 0·5 | 8·5 | | E | 20 | |
| | 10 16 | | | 2·5 | E | 40± | Broad at top in Ca. |
| | 8 52 | | | 14·5 | E | 20 | Detached from limb. |
| | 48 | 1 | | 33·5 | E | 20 | |
| | 10 12 | 2 | | 65 | W | 60 | |
| | 5 | 2 | | 1 | W | 60 | *See* Note. |
| | 9 55 | | 5 | | W | 40± | } Meeting at top. |
| | 55 | 1 | 11 | | W | 120 | |
| | 43 | 4 | 26·5 | | W | 55 | |
| Do. 25. K.V.S. | 11 2 | 0·5 | 41 | ... | E | 30 | |
| | 10 14 | 0·5 | 34·5 | | E | 25 | Ca. |
| | 11 0 | 6 | 12 | | E | 25 | |
| | 10 50 | 0·5 | | 34·5 | E | 20 | Height 30″ in Ca. |
| | 44 | 1 | | 83 | W | 15 | |
| | | 4 | | 62 | W | 70 | } *See* Note. |
| | | 2·5 | 33 | | W | 35 | |
| | | 2 | 40 | | W | 30 | |
| | | | 66 | | W | 25 | |

| Date and observer. | Hour M.M.T. | Base. | Latitude. | | Limb. | Height. | Remarks. |
|---|---|---|---|---|---|---|---|
| | | | North. | South. | | | |
| 1905. | H. M. | ° | ° | ° | | ″ | |
| June 28. K.V.S. | 9 48 | 3·5 | 57 | ... | E | 70 | |
| | 42 | 0·5 | 38·5 | | E | 40 | |
| | 22 | 1 | 1 | | E | ? | Height uncertain; sky bright. |
| | 15 | 1 | | 30·5 | E | 30 | |
| | 5 | 1 | | 38 | E | 20 | |
| | 10 20 | 1·5 | | 75 | E | 20 | |
| | 13 | 3 | | 24 | W | 60 | |
| | 10 | | | 10 | W | 45 | Detached from limb. |
| | 0 | 2 | | 3·5 | W | 36 | Double. |
| Do. 29. S.S. | 10 25 | 5 | 67·5 | ... | E | 30 | Archlike. |
| | 10 | | 23 | | E | 30 | Fanlike. |
| | 5 | | 9·5 | | E | 60± | Detached from limb. |
| | 9 56 | 2·5 | 2 | | E | 36 | |
| | 54 | | | 11 | E | 25 | Broad at top. |
| | 25 | 2 | | 21·5 | E | 30 | |
| | 23 | 3 | | 30·5 | E | 36 | |
| | | 1 | | 61·5 | E | 10 | |
| | 15 | 1·5 | | 86 | W | 20 | |
| | 11 2 | 1 | | 65 | W | 40± | |
| | 9 28 | | | 60·5 | W | 30± | Ca. |
| | 10 51 | | | 43 | W | 75± | Broad at top. |
| | 47 | | | 34 | W | 25 | |
| | 45 | 0·5 | | 17 | W | 10 | |
| | 44 | 2 | | 2 | W | 20 | |
| | 41 | 2 | 18 | | W | 10 | |
| | 35 | 3 | 37 | | W | 30 | |
| | 30 | 0·5 | 68 | | W | 20 | |
| | 30 | 1 | 73 | | W | 10 | Double. |
| Do. 30. K.V.S. | ... | 2 | 70 | ... | E | ... | Low and faint in H; 30″ high in Ca. *See* Note. |
| | 10 25 | 1 | 24·5 | | E | 40 | |
| | | 2 | 8 | | E | ? | 60″ high in Ca. |
| | 18 | 2 | 2 | | E | 25 | |
| | 23 | | | 28 | E | 30± | Ca. |
| | 55 | 4 | | 66 | W | ? | 65″ high in Ca. |
| | 52 | | | 13 | W | Low. | Bright; 65″ high in Ca. |
| | 5 | 6·5 | | 5 | W | Low. | |
| | 45 | | 24 | | W | 45 | Top nearly meets limb again at Lat. + 19°W. in Ca. |
| | 30 | 0·5 | 69 | | W | 20 | |

## NOTES.

1905.

January 4. Lat. — 27 W. Big, bright, tree-like, slightly slanting southwards; three big tufts at top.

5. Lat. + 10·5 E. Eruptive. F displaced both ways about 1·5 A. A large number of metallic lines were seen at a moment of clear seeing. The sky was soon covered with thin clouds.

6. Lat. + 30 E. Three prominences pretty broad and separated from one another at their bases but connected at the top by a single long slightly curved line.

The whole limb was not examined on account of clouds.

7. Lat. — 7·5 E. Eruptive. F displaced about 1 A to red. Numerous little bright jets for a few degrees on either side.

8. The south-east quadrant was not examined for prominences; the rest of the limb was observed mostly through thin clouds. Heights recorded are approximate.

Lat. + 34 E. Several low, broad banks for 5° on either side of this point.

11. Note 1.—Lat. — 20 W. Several fragments in a straight slanting line.

Note 2.—Lat. + 48 W. Many faint jets for 5° on either side—Heights ranging from 12″ to 30″.

12. Lat. — 31·5 W. A faint streamer flowing from the top and almost meeting the limb at a point about 7° distant on the west side.

13. Weather unfavourable for measuring heights.

14. Note 1. — Lat. + 49 E. A close double, the higher one being hook-shaped and detached from the chromosphere.

Note 2.— + 21·5 E. Two prominences meeting at top; the bottom of one of them was bright and eruptive.

16. Lat. + 25·5 W. A very large and broad cloud floating away from the chromosphere and joined to it by 3 or 4 narrow stems.

18. Note 1.—Lat. — 29 E. Eruptive; Fe. and Mg. lines very strong.

Note 2.—Lat. — 9 W. The southern end of the prominence was very bright and disturbed. It was also rapidly changing. The tallest part disappeared soon after it was first observed. F in prominence spectrum was displaced about 1 A to red at about half-a-dozen points close to one another and about 0·5 A to violet at two other points. The other end of the prominence was unusually bright. The following lines were observed in the prominence spectrum between D and F;—

4922·446 (Cr.), 4924·107 (Fe.), 4934·$\left\{\begin{matrix}217\\277\end{matrix}\right.$ (Ba.), 4952·461 (Fe.), 5016·340 (Ti.), 5018·629 (Fe.), $b_1$ (Mg.), $b_2$ (Mg.), $b_3$ (Fe.), $b_4$ (Fe. and Mg.), 5204·768 (Fe.), 5206·215 (Cr., Ti.), 5208·776 (Fe.), 5197·743 (—), 5189·018 (Ca.), 5227·043 (Fe., Cr.), 5234·791 (—), 5269·723 (Fe.), 5270·438 (Ca.), 5276·$\left\{\begin{matrix}169\ (\text{Fe.?})\\237\ (\text{—Cr.?})\end{matrix}\right.$, 5316·790 (Fe.), 5325·738 (—), 5328·236 (Fe.), 5362·944 (Fe., Co.), 5371.$\left\{\begin{matrix}\cdot656\ (\text{Cr.?})\\\cdot734\ (\text{Fe.})\end{matrix}\right.$, 5397·344 (Fe.), 5405·989 (Fe.), 5425·464 (—), 5429·911 (Fe.), 5434·740 (Fe.), 5535·061 (Fe.), $D_1$ (Na.), $D_2$ (Na.). About twenty bright lines at least were observed on the violet side of F. $D_3$ full of little notches. Observed at 10h-50m—11h-30m. Sky bad at 11h-40m.

19. Lat. — 19 W. Three bright eruptive prominences surmounted by a faint streak extending over about 15°. In 10 minutes the whole group was replaced by a few bright jets. $D_1$, $D_2$, $b_1$, $b_2$ bright at base.

21. Lat. + 20·5 W. Spikes, distinct from one another. A bright tuft at the top of each. Had changed at 10h-55m.

23. The limb was examined from p.a. 120° to 180° only, on account of clouds.

24. Lat. + 58 W. Low, rectangular. Northern end bright and changing rapidly.

26. Lat. — 64 W. Two equally tall prominences quite separate at their bases but with their upper halves running quite close and parallel to each other.

28. Lat. — 10·5 E. Double, one of them flowing over the top of the other. The following bright lines were observed in the larger one:—

4922·446 (Cr.), 4924·107 (Fe.), 5018·463 (Ni.), $b_1$ (Mg.), $b_2$, (Mg.), $b_3$ (Fe.), $b_4$ (Mg. and Fe.), 5197·743 (—), 5269·723 (Fe.), 5276$\left\{\begin{matrix}\cdot169\ (\text{Fe.?})\\\cdot237\ (\text{—Cr.?})\end{matrix}\right.$, 5316·790 (Fe.), 5234·791(—), $D_1$ (Na.), $D_2$ (Na.). The prominence could clearly be seen in most of these lines. 8h-45m — 9h-5m. The hydrogen lines were displaced (1·5 A to violet and 2 A to red in F) at two very bright little cones at the southern end of the prominence. Sodium, helium, and magnesium lines were very distorted.

29. Note 1.—Lat. + 16 W. A faint streamer flows from the top and meets the limb at Lat. + 21 E.

Note 2.—Lat. — 14 E. A number of tall slanting pillars meeting at a point. Tops bright and C slightly displaced both ways in them.

Note 3.—Lat. — 82 E. Double, one of them curved and slanting towards the other and detached from chromosphere.

31. Lat. + 71 W. No prominence at this position but low broad elevation of the chromosphere for 3° on either side.

February 9. Lat. + 16 W. A broad slanting cone but touching the limb at only one point.

Weather bad for prominence observation.

10. Note 1.—Lat. + 19·5 W. A broad cone almost detached from limb and with a streamer flowing from its top.

Note 2.—Lat. + 44 W. A faint prominence branches away from the middle of the main one and meets the limb at Lat. + 39 E.

11. Lat. — 14 W. Metallic. The western end of it was intensely bright, rapidly changing in form and showing displacement both ways; at one point amounting to 2 A in F. 7065·496 (—), 6678·235 (Fe.), $D_1$ (Na.), $D_2$ (Na.), 5316$\left\{\begin{matrix}\cdot906\\\cdot958\end{matrix}\right.$ Co., 4924·107 (Fe.), 5016·340 (Ti), and 5283·802 (Fe.) were seen bright.

12. Lat. + 29·5 E. Double in hydrogen. Interspace filled up and top flowing as a streamer in calcium.

The whole limb was observed through cirrus clouds.

14. Lat. + 18 W. Eruptive. C, $D_3$, and F displaced to red; amount in F about 1A at 10h-11m.

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February 16. The limb was examined only between p.a. 60° and 180° on account of bad weather.

18. Lat. — 31 E. A low pyramid with a tall vertical streak over it but not touching it.

19. Lat. + 13 W. Top extends over about 7° and to a height of 2′ in calcium.

20. Note 1.—Lat. — 57 W. Another streak near the top detached from it and from the limb.

Note 2.—Lat. + 30 W. Two pyramids joined to each other, Calcium prominence extends to Lat. + 46 W.

21. Note 1.—Lat. — 1 W. Four, faint, pillar-like—three of them detached from the chromosphere.

Note 2.—Lat. — 2 W. Top very nearly meets the last prominence. Base about 1° and top broader in calcium.

22. Lat. + 43 E. Calcium prominence is 11° broad at base and continuous.

24. Lat. — 17 W. Eruptive. The hydrogen lines were displaced at three places to red (1A in F.) and at two places to violet (1 A and 2·5 A in F). $D_3$ displaced both ways. Mg. and Fe. lines very bright at 11h-48m.

25. Note 1.—Lat. — 23 E. Metallic. Presents a very much broken appearance. The whole region is violently disturbed. The H line in prominence is displaced to red side for 3·2 A. The bright lines observed are :— 7065·5 (He. ?), 6678·4 (He. ?), 5316·790 (Fe.), 5284·281 (Ti.), 5276·237 (Cr. ?), 5234·791 (—), 5197·743 (—).

Note 2.—Lat. + 16·5 and + 19 W. A long streak runs over the tops of these two prominences parallel to the limb.

27. Note 1.—Lat. — 16 E. There are several prominences all surmounted by a line, and some of them connected at their bases. $b_1$, $b_2$, $b_3$ very bright.

Note 2.—Lat. — 75·5 W. This prominence had a narrow streamer which disappeared before 10h-52m.

Note 3.—Lat. + 10 W. The top flows parallel to limb and meets the top of the prominence at Lat. + 14 W.

28. Note 1.—Lat. — 79 and 72 W. The tops of these two prominences are distinctly connected in calcium while they barely touch each other in hydrogen.

Note 2.—Found in calcium only ; detached from chromosphere. Top meets the prominence at Lat. — 26 W.

Note 3.—Space between the bases of the two prominences at Lat. + 51 W. and + 58 W. filled up in calcium.

March 1. Lat. + 7 E. The prominence was continuous and broader by 1° at base in Ca. Eruptive. Very rapidly changing. F was displaced 2 A to violet at a single point at 8h-45m and the displacement of the line was more general at 9h-0m. At 9h-45m F. was displaced 1 A to violet at two points and 2·5 A to red at another place. Bright lines :—4922·336 (Ni.), 4924·107 (Fe.), 5016·340 (Ti.), 5018·629 (Fe.), 5110·574 (Fe.), $b_1$, $b_2$, $b_3$, $b_4$, 5197·743 (—), 5276 ·169 Fe. ·237—Cr., 5316·790 (Fe.), 5362·944 (Fe., Co.), 5425·464 (—), 5535·061 (Fe.).

2. Note 1.—Lat. + 9·5 E. Very rapidly changing. Height about 90″ in calcium (9h-0m) and became 60″ in hydrogen at 9h-40m. At 8h-40m when observing radially near this region the C line in the prominence was seen displaced to violet end for about 4·0 A and it was traced right down into the body of the sun as a dark line and issuing from a point near the spot close to the limb.

Note 2.—Lat. — 70 E. Base 1° and height 95″ in calcium (9h-0m). The calcium prominence extends from the top of it to Lat. — 77 W.

4. The prominences were all got from the calcium photograph taken at 9h-27m. Observations were not made in the C line as the dome could not be opened on account of strong wind.

6. Lat. + 27 E. Eruptive, very bright. Almost the whole prominence was seen in sodium and magnesium lines.

8. Lat. — 67 E. Very faint. Another vertical streak above but quite detached from it. Total height 90″.

10. The observation was made mostly through cirrus and cirrostratus clouds.

11. Lat. + 50·5 E. Rapidly changing. Detached from the limb in hydrogen but joined to it in calcium.

13. Lat. — 26 W. At 10h-5m it consisted of two portions one above the other 25″ and 120″ high, respectively, and separated by a gap 30″ in height. The upper part had two streamers flowing westwards.
10h-15m. Both streamers had disappeared.

10h-20m. The blank space between the two portions increased from 30″ to 90″.

10h-25m. The prominence breaking up and disappearing ; calcium photograph taken at 9h-16m showed the prominence as only 65″ high but 10° broad at base.

14. Lat. — 20 E. An intensely bright eruptive prominence, showing displacement to red of 6 A in C and about 4 A in $D_3$. The displacement disappeared at 8h-45m.

16. Lat. + 22 E. Detached from the chromosphere. Calcium prominence was joined to it, about 2° broad at base and 75″ high.

18. Poor weather.

21. Only half the limb was examined on account of clouds.

22. Only a part of the limb was examined on account of bad weather.

23. Lat. — 8 E. Separated from the chromosphere by 30″. F. displaced about 1·5 A to violet.

25. Observations were made through thick cirrus clouds.

29. Observations were made through clouds. Heights approximate.

31. The western hemisphere was not examined on account of clouds.

April 1. Weather bad.

5. Observations were not made between p.a. 180° and 250° on account of bad weather.

8. Lat. + 8 E. Two points in the chromosphere not higher than the general level but very disturbed. Sodium, magnesium, and iron lines very bright. F displaced about 1·5 A to violet and about 0·5 A to red.

16. Lat. — 81 W. Detached from the chromosphere. Calcium prominence is joined to it and extends to Lat. — 78 W.

19. Observed mostly through clouds.

24. Lat. + 3·5 E and — 4 E. Connected by an arch 70″ high in calcium. Another arch 65″ high starts from the latter prominence and almost meets the limb again at Lat.—13 E.

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April 27. Note 1.—Lat. + 22 E. Very bright. Northern end of the prominence shows $D_1$, $D_2$, $b_1$, $b_2$, $b_3$, $b_4$, 5118·7 bright. A few other lines bright at base only.

Note 2.—Lat. — 47 W. Top meets the limb again at Lat. — 51 W. It extends some distance on the other side in calcium.

29. Lat.—2 E. Top flows towards the north for about 3° in hydrogen; a streamer issues at the same place and extends southwards for 10° in calcium.

30. Lat. — 66·5 E at 8h-43m there was observed a displacement to red end of 3·0 A close to the place of the prominence but it disappeared at 8h-45m.

May 1. Note 1.— A cloud far away from the limb—about 90″ from the nearest point of limb, at Lat. + 50 E, and about 160″ at the farthest point, Lat. + 58 E. Changed shape rapidly and had almost disappeared in photograph taken at 10h-31m.

Note 2. — Eruptive. Two dark holes were seen at Lat. + 24 E and + 23 E in the body of the prominence; the latter was the darker of the two.

2. Calcium prominence is 130″ high and its top meets limb again as a faint streak at Lat. — 54 E.

7. Lat. — 3 E. It is connected at top to the calcium one at Lat. + 4 E. It also extends as a thin streak 10° towards the south at base.

8. Very poor weather for observation.

10. Lat.— 15 E. Intensely bright at base; was rapidly changing; disappeared a few minutes later leaving only a faint jet. C line was displaced in the prominence to red end for 7·4 A at 10h-20m. The displacement disappeared at 10h-28m.

11. Note 1.— Lat. — 14·5 E. — 17 E. — 21 E. — 23·5 E. All these were eruptive. $C_1$ $D_3$, and F were displaced both ways at the base of the prominences. Those at Lat. — 14·5 E and — 17 E were intensely bright. The C line in the former was displaced 1·5 A to violet and 0·5 A to red end.

Note 2.—A streak about 8° long stretches from the top of the prominence to the south in calcium only and is 70″ in height. The top of the prominence is connected with the one at Lat. + 26 W in both hydrogen and calcium.

15. Seeing poor.

17. Seeing poor during the latter part of the observation.

22. Seeing poor.

June 4. The limb from p.a. 168° to 180° was not examined owing to thick clouds coming on.

12. Calcium prominence 2° broad at base and slants northward more than in hydrogen.

14. Very poor weather for observation.

16. Lat. + 4 W. The prominence was rapidly changing in appearance. Top meets limb again at + 17 W in calcium. C line was displaced to red end for 4·0 A at the western end of the top of the prominence only.

21. The whole limb was examined through clouds.

22. Lat. + 25 E. Rapidly changing in form and height. The top was about 20° long in calcium.

24. Lat. — 1 W. Changing rapidly. Height in calcium was 120″ at 10h-10m.

25. Calcium prominences. This region could not be examined in hydrogen on account of bad weather.

30. Bright sky with passing clouds.

*19th April* 1906.

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