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1985.7-8

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# 太阳黑子相对数与面积数 DAILY RELATIVE SUNSPOT NUMBERS AND SUNSPOT AREAS

1985 年 7 月

JUL 1985

| 日 群  |      | 相 对 数 值       |       |      | 面 积 数 值 (Areas) |       |       |           |       |       |
|------|------|---------------|-------|------|-----------------|-------|-------|-----------|-------|-------|
|      |      | Relative-Num. |       |      | 手 描 Drawing     |       |       | 照 像 Photo |       |       |
| 期 数  |      | 北半球           | 南半球   | 合计   | 北半球             | 南半球   | 合计    | 北半球       | 南半球   | 合计    |
| Day  | Gro. | N. H.         | S. H. | Sum  | N. H.           | S. H. | Sum   | N. H.     | S. H. | Sum   |
| 1    | 2    | 0             | 16    | 16   | 0               | 128   | 128   | 0         | 104   | 104   |
| 2    |      |               |       |      |                 |       |       |           |       |       |
| 3    | 2    | 0             | 26    | 26   | 0               | 299   | 299   | 0         | 112   | 112   |
| 4    | 2    | 0             | 26    | 26   | 0               | 218   | 218   | 0         | 297   | 297   |
| 5    | 2    | 0             | 25    | 25   | 0               | 194   | 194   | 0         | 360   | 360   |
| 6    |      |               |       |      |                 |       |       | 0         | 390   | 390   |
| 7    | 5    | 0             | 75    | 75   | 0               | 716   | 716   | 0         | 600   | 600   |
| 8    | 3    | 0             | 65    | 65   | 0               | 739   | 739   | 0         | 935   | 935   |
| 9    | 5    | 18            | 70    | 88   | 11              | 1083  | 1094  |           |       |       |
| 10   | 4    | 16            | 67    | 83   | 70              | 974   | 1044  | 75        | 889   | 964   |
| 11   | 4    | 20            | 56    | 76   | 146             | 1104  | 1250  |           |       |       |
| 12   | 3    | 17            | 27    | 44   | 86              | 941   | 1027  |           |       |       |
| 13   | 2    | 13            | 11    | 24   | 57              | 529   | 586   |           |       |       |
| 14   | 1    | 9             | 0     | 9    | 27              | 0     | 27    |           |       |       |
| 15   | 1    | 7             | 0     | 7    | 10              | 0     | 10    |           |       |       |
| 16   | 1    | 0             | 7     | 7    | 0               | 139   | 139   |           |       |       |
| 17   | 1    | 0             | 8     | 8    | 0               | 104   | 104   | 0         | 115   | 115   |
| 18   | 1    | 0             | 10    | 10   | 0               | 94    | 94    | 0         | 75    | 75    |
| 19   | 1    | 0             | 9     | 9    | 0               | 87    | 87    |           |       |       |
| 20   | 1    | 0             | 13    | 13   | 0               | 44    | 44    | 0         | 30    | 30    |
| 21   | 2    | 0             | 16    | 16   | 0               | 43    | 43    | 0         | 27    | 27    |
| 22   | 1    | 0             | 8     | 8    | 0               | 9     | 9     |           |       |       |
| 23   | 2    | 0             | 21    | 21   | 0               | 6     | 6     | 0         | 0     | 0     |
| 24   | 1    | 0             | 10    | 10   | 0               | 3     | 3     |           |       |       |
| 25   | 1    | 0             | 8     | 8    | 0               | 5     | 5     |           |       |       |
| 26   | 1    | 0             | 7     | 7    | 0               | 2     | 2     |           |       |       |
| 27   | 2    | 9             | 7     | 16   | 138             | 2     | 140   | 236       | 0     | 236   |
| 28   | 4    | 17            | 16    | 33   | 138             | 135   | 273   |           |       |       |
| 29   | 6    | 24            | 25    | 49   | 107             | 222   | 329   |           |       |       |
| 30   | 5    | 21            | 27    | 48   | 102             | 230   | 332   |           |       |       |
| 31   | 3    | 26            | 10    | 36   | 58              | 166   | 224   | 69        | 183   | 252   |
| Mean |      | 6.8           | 23.0  | 29.8 | 32.8            | 283.3 | 316.1 | 25.3      | 274.5 | 299.8 |

# 太阳黑子相对数与面积数 DAILY RELATIVE SUNSPOT NUMBERS AND SUNSPOT AREAS

1985 年 8 月

AUG 1985

| 日 群  |      | 相 对 数 值       |       |      | 面 积 数 值 (Areas) |       |      |           |       |      |
|------|------|---------------|-------|------|-----------------|-------|------|-----------|-------|------|
|      |      | Relative-Num. |       |      | 手 描 Drawing     |       |      | 照 像 Photo |       |      |
| 期 数  |      | 北半球           | 南半球   | 合计   | 北半球             | 南半球   | 合计   | 北半球       | 南半球   | 合计   |
| Day  | Gro. | N. H.         | S. H. | Sum  | N. H.           | S. H. | Sum  | N. H.     | S. H. | Sum  |
| 1    | 3    | 21            | 10    | 31   | 34              | 125   | 159  | 32        | 147   | 179  |
| 2    | 4    | 23            | 19    | 42   | 27              | 140   | 167  | 21        | 140   | 161  |
| 3    | 3    | 13            | 18    | 31   | 12              | 130   | 142  | 4         | 135   | 139  |
| 4    | 3    | 16            | 11    | 27   | 9               | 123   | 132  | 107       | 2     | 109  |
| 5    | 3    | 18            | 12    | 30   | 10              | 88    | 98   |           |       |      |
| 6    | 4    | 23            | 12    | 35   | 15              | 85    | 100  | 0         | 57    | 57   |
| 7    | 2    | 0             | 19    | 19   | 0               | 85    | 85   | 0         | 48    | 48   |
| 8    | 3    | 8             | 18    | 26   | 20              | 76    | 96   | 0         | 58    | 58   |
| 9    | 3    | 7             | 18    | 25   | 5               | 104   | 109  | 0         | 0     | 0    |
| 10   | 1    | 0             | 10    | 10   | 0               | 11    | 11   | 11        | 0     | 11   |
| 11   | 2    | 7             | 8     | 15   | 3               | 5     | 8    |           |       |      |
| 12   | 1    | 0             | 8     | 8    | 4               | 0     | 4    |           |       |      |
| 13   | 2    | 7             | 8     | 15   | 6               | 0     | 6    |           |       |      |
| 14   | 2    | 7             | 8     | 15   | 6               | 0     | 6    | 0         | 0     | 0    |
| 15   | 1    | 7             | 0     | 7    | 2               | 0     | 2    |           |       |      |
| 16   | 0    | 0             | 0     | 0    | 0               | 0     | 0    |           |       |      |
| 17   | 0    | 0             | 0     | 0    | 0               | 0     | 0    |           |       |      |
| 18   | 1    | 0             | 9     | 9    | 0               | 7     | 7    | 0         | 0     | 0    |
| 19   | 0    | 0             | 0     | 0    | 0               | 0     | 0    | 0         | 0     | 0    |
| 20   | 1    | 0             | 8     | 8    | 0               | 7     | 7    | 0         | 0     | 0    |
| 21   | 0    | 0             | 0     | 0    | 0               | 0     | 0    | 0         | 0     | 0    |
| 22   | 0    | 0             | 0     | 0    | 0               | 0     | 0    |           |       |      |
| 23   | 0    | 0             | 0     | 0    | 0               | 0     | 0    |           |       |      |
| 24   | 0    | 0             | 0     | 0    | 0               | 0     | 0    |           |       |      |
| 25   | 0    | 0             | 0     | 0    | 0               | 0     | 0    |           |       |      |
| 26   | 1    | 0             | 8     | 8    | 0               | 5     | 5    |           |       |      |
| 27   | 1    | 7             | 0     | 7    | 4               | 0     | 4    |           |       |      |
| 28   | 0    | 0             | 0     | 0    | 0               | 0     | 0    | 0         | 0     | 0    |
| 29   | 0    | 0             | 0     | 0    | 0               | 0     | 0    | 0         | 0     | 0    |
| 30   | 0    | 0             | 0     | 0    | 0               | 0     | 0    |           |       |      |
| 31   | 1    | 8             | 0     | 8    | 4               | 0     | 4    | 0         | 0     | 0    |
| Mean |      | 5.5           | 6.6   | 12.1 | 5.2             | 32.0  | 37.2 | 10.3      | 34.5  | 44.8 |

# 太阳黑子观测 DAILY SUNSPOT OBSERVATIONS

1985 年 7 月

JUL 1985

| 日<br>期<br>Day | 群<br>号<br>No | 过日面中<br>心经圈<br>(月, 日)<br>CMP-Day | 日面位置<br>纬 经<br>度 度<br>Lat L | 中<br>经<br>距<br>CMD | 型<br>别<br>Type | 日<br>心<br>距<br>r/R | 视<br>面<br>积<br>Sd | 校正面积<br>全 群<br>Whole | Sp<br>最大<br>黑子<br>Max | 备<br>注<br>Remarks |
|---------------|--------------|----------------------------------|-----------------------------|--------------------|----------------|--------------------|-------------------|----------------------|-----------------------|-------------------|
| 1.03          | 66           | VII- 4.9                         | -8 31                       | 52E                | C              | 0.79               | 105               | 86                   | 83                    |                   |
|               | 67           | VII- 7.2                         | -16 360                     | 82E                | J              | 0.99               | 13                | 42                   | 42                    |                   |
| 2.00          |              | Not Available                    |                             |                    |                |                    |                   |                      |                       |                   |
| 3.08          | 66           |                                  |                             | 24E                | C              | 0.44               | 257               | 143                  | 136                   |                   |
|               | 67           |                                  |                             | 55E                | D              | 0.85               | 164               | 156                  | 112                   |                   |
| 4.13          | 66           |                                  |                             | 10E                | C              | 0.25               | 210               | 109                  | 104                   |                   |
|               | 67           |                                  |                             | 41E                | D              | 0.70               | 156               | 109                  | 83                    |                   |
| 5.32          | 66           |                                  |                             | 6W                 | C              | 0.28               | 177               | 91                   | 89                    |                   |
|               | 67           |                                  |                             | 26E                | D              | 0.52               | 177               | 103                  | 71                    |                   |
| 6.00          |              | Not Available                    |                             |                    |                |                    |                   |                      |                       |                   |
| 7.26          | 66           |                                  |                             | 31W                | J              | 0.55               | 185               | 111                  | 111                   |                   |
|               | 67           |                                  |                             | 1W                 | D              | 0.34               | 1102              | 587                  | 419                   |                   |
|               | 68           | VII- 6.4                         | -8 10                       | 11W                | B              | 0.26               | 17                | 9                    | 2                     |                   |
|               | 69           | VII-10.6                         | -2 315                      | 44E                | B              | 0.70               | 8                 | 6                    | 3                     |                   |
|               | 70           | VII-10.7                         | -1 314                      | 48E                | A              | 0.60               | 4                 | 3                    | 3                     | PLAT              |
| 8.36          | 66           |                                  |                             | 46W                | J              | 0.74               | 147               | 109                  | 109                   |                   |
|               | 67           |                                  |                             | 15W                | D              | 0.48               | 1114              | 616                  | 423                   |                   |
|               | 68           |                                  |                             | 26W                | B              | 0.47               | 25                | 14                   | 2                     |                   |
| 9.15          | 66           |                                  |                             | 57W                | J              | 0.86               | 118               | 116                  | 116                   |                   |
|               | 67           |                                  |                             | 26W                | D              | 0.53               | 1144              | 674                  | 471                   |                   |
|               | 68           |                                  |                             | 37W                | D              | 0.63               | 454               | 293                  | 136                   |                   |
|               | 71           | VII- 6.6                         | 5 8                         | 34W                | B              | 0.56               | 8                 | 5                    | 3                     |                   |
|               | 72           | VII- 9.4                         | 4 331                       | 3E                 | B              | 0.06               | 13                | 6                    | 2                     |                   |
| 10.10         | 66           |                                  |                             | 69W                | J              | 0.94               | 71                | 107                  | 107                   |                   |
|               | 67           |                                  |                             | 38W                | D              | 0.67               | 908               | 609                  | 485                   |                   |
|               | 68           |                                  |                             | 50W                | D              | 0.80               | 307               | 258                  | 170                   |                   |
|               | 72           |                                  |                             | 9W                 | D              | 0.16               | 139               | 70                   | 40                    |                   |
| 11.07         | 66           |                                  |                             | 82W                | J              | 0.99               | 21                | 70                   | 70                    |                   |
|               | 67           |                                  |                             | 51W                | D              | 0.80               | 841               | 708                  | 644                   |                   |
|               | 68           |                                  |                             | 64W                | D              | 0.92               | 257               | 326                  | 246                   |                   |
|               | 72           |                                  |                             | 23W                | D              | 0.39               | 269               | 146                  | 82                    |                   |
| 12.20         | 67           |                                  |                             | 66W                | D              | 0.93               | 471               | 645                  | 363                   |                   |
|               | 68           |                                  |                             | 79W                | D              | 0.98               | 126               | 296                  | 168                   |                   |
|               | 72           |                                  |                             | 38W                | D              | 0.62               | 135               | 86                   | 59                    |                   |
| 13.17         | 67           |                                  |                             | 79W                | D              | 0.99               | 160               | 329                  | 389                   |                   |
|               | 72           |                                  |                             | 51W                | C              | 0.78               | 71                | 57                   | 51                    |                   |

1985 年 7 月

JUL 1985

| 日 群 | 过日面中   | 心 经 圈   | 纬 经 | 日面位置 | 中 型  | 日 心 | 视 面 | 校正面Sp | 备 注     |
|-----|--------|---------|-----|------|------|-----|-----|-------|---------|
| 期 号 | (J, D) |         | 度 度 | 距 别  | Type | r/R | Sd  | Whole | Max     |
| Day | No     | CMP-Day | Lat | L    | CMD  |     |     |       | Remarks |

|       |    |     |   |      |     |     |     |      |  |
|-------|----|-----|---|------|-----|-----|-----|------|--|
| 14.01 | 72 | 62W | C | 0.89 | 25  | 27  | 23  |      |  |
| 15.03 | 72 | 76W | A | 0.99 | 4   | 10  | 10  |      |  |
| 16.08 | 73 | 80E | J | 0.95 | 42  | 139 | 139 |      |  |
| 17.03 | 73 | 66E | C | 0.93 | 76  | 104 | 98  |      |  |
| 18.03 | 73 | 58E | C | 0.83 | 105 | 94  | 90  |      |  |
| 19.03 | 73 | 40E | C | 0.69 | 126 | 87  | 84  |      |  |
| 20.16 | 73 | 25E | C | 0.52 | 76  | 44  | 32  |      |  |
| 21.28 | 73 | 11E | J | 0.37 | 42  | 23  | 23  |      |  |
| 22.40 | 73 | 4W  | J | 0.32 | 17  | 9   | 9   |      |  |
| 23.04 | 73 | 12W | A | 0.37 | 4   | 2   | 2   | PURP |  |
| 24.01 | 74 | 37E | A | 0.66 | 4   | 3   | 3   | PURP |  |
| 25.12 | 74 | 22E | B | 0.46 | 8   | 5   | 2   |      |  |
| 26.13 | 74 | 13E | A | 0.36 | 4   | 2   | 2   |      |  |
| 27.06 | 75 | 10E | A | 0.28 | 4   | 2   | 2   |      |  |
| 28.09 | 76 | 65E | C | 0.90 | 101 | 114 | 71  |      |  |
|       | 77 | 65E | A | 0.91 | 8   | 10  | 5   |      |  |
|       | 78 | 79E | J | 0.97 | 13  | 24  | 24  |      |  |
|       | 79 | 84E | J | 0.99 | 38  | 125 | 125 |      |  |
| 29.02 | 76 | 52E | C | 0.77 | 109 | 86  | 43  |      |  |
|       | 77 | 51E | A | 0.79 | 8   | 7   | 3   |      |  |
|       | 78 | 65E | J | 0.90 | 17  | 19  | 19  |      |  |
|       | 79 | 70E | J | 0.94 | 135 | 201 | 201 |      |  |
|       | 80 | 63W | B | 0.90 | 13  | 14  | 5   |      |  |
|       | 81 | 9E  | A | 0.16 | 4   | 2   | 2   |      |  |
| 30.06 | 76 | 38E | C | 0.61 | 151 | 95  | 53  |      |  |
|       | 77 | 39E | B | 0.67 | 8   | 6   | 3   |      |  |
|       | 78 | 51E | A | 0.77 | 8   | 7   | 3   |      |  |
|       | 79 | 56E | C | 0.85 | 214 | 204 | 200 |      |  |
|       | 80 | 77W | B | 0.98 | 8   | 20  | 10  |      |  |
| 31.23 | 76 | 23E | C | 0.39 | 97  | 53  | 32  |      |  |
| 78    |    | 35E | A | 0.57 | 8   | 5   | 3   |      |  |
| 79    |    | 40E | J | 0.69 | 240 | 166 | 163 |      |  |

# 太 阳 黑 子 观 测 DAILY SUNSPOT OBSERVATIONS

1985 年 8 月

AUG 1985

| 日 期   | 群 号 | 过日面中<br>心 经 圈<br>(J, H)<br>CMP-Day | 日面位置<br>纬 度<br>Lat | 经 度<br>L | 中 距<br>CMD | 型 别<br>Type | 日 心<br>距<br>r/R | 视 面<br>积<br>Sd | 校正面积<br>全 群<br>Whole | Sp<br>最大<br>黑子<br>Max | 备 注<br>Remarks |
|-------|-----|------------------------------------|--------------------|----------|------------|-------------|-----------------|----------------|----------------------|-----------------------|----------------|
| 1.34  | 76  | VIII- 1.9                          | 7                  | 20       | 10E        | C           | 0.16            | 68             | 32                   | 21                    |                |
|       | 78  | VIII- 2.8                          | 7                  | 8        | 22E        | A           | 0.38            | 4              | 2                    | 2                     |                |
|       | 79  | VIII- 3.2                          | -14                | 3        | 26E        | J           | 0.54            | 210            | 125                  | 120                   |                |
| 2.03  | 76  |                                    |                    |          | 2W         | B           | 0.03            | 46             | 23                   | 15                    |                |
|       | 77  |                                    |                    |          | 0          | A           | 0.29            | 8              | 4                    | 2                     |                |
|       | 78  |                                    |                    |          | 10E        | B           | 0.18            | 8              | 4                    | 2                     |                |
|       | 79  |                                    |                    |          | 15E        | C           | 0.41            | 248            | 136                  | 132                   |                |
| 3.13  | 76  |                                    |                    |          | 17W        | B           | 0.31            | 25             | 12                   | 7                     |                |
|       | 77  |                                    |                    |          | 15W        | A           | 0.38            | 4              | 2                    | 2                     |                |
|       | 79  |                                    |                    |          | 1E         | C           | 0.34            | 240            | 128                  | 123                   |                |
| 4.06  | 76  |                                    |                    |          | 30W        | B           | 0.49            | 8              | 5                    | 2                     |                |
|       | 78  |                                    |                    |          | 17W        | A           | 0.28            | 8              | 4                    | 2                     |                |
|       | 79  |                                    |                    |          | 11W        | C           | 0.39            | 227            | 123                  | 114                   |                |
| 5.04  | 76  |                                    |                    |          | 42W        | B           | 0.66            | 8              | 5                    | 5                     |                |
|       | 78  |                                    |                    |          | 27W        | A           | 0.45            | 8              | 5                    | 2                     |                |
|       | 79  |                                    |                    |          | 24W        | C           | 0.52            | 151            | 88                   | 84                    |                |
| 6.04  | 76  |                                    |                    |          | 54W        | A           | 0.82            | 8              | 7                    | 4                     |                |
|       | 78  |                                    |                    |          | 42W        | A           | 0.68            | 8              | 6                    | 3                     |                |
|       | 79  |                                    |                    |          | 36W        | C           | 0.67            | 126            | 85                   | 79                    |                |
|       | 82  | VIII- 6.3                          | 4                  | 321      | 4E         | A           | 0.08            | 4              | 2                    | 2                     |                |
| 7.38  | 79  |                                    |                    |          | 54W        | C           | 0.85            | 84             | 80                   | 68                    |                |
|       | 83  | VIII- 2.8                          | -10                | 8        | 60W        | A           | 0.89            | 4              | 5                    | 5                     |                |
| 8.03  | 79  |                                    |                    |          | 63W        | C           | 0.92            | 55             | 70                   | 59                    |                |
|       | 84  | VIII-12.9                          | 0                  | 235      | 67E        | A           | 0.98            | 4              | 6                    | 6                     |                |
|       | 85  | VIII-13.7                          | 9                  | 224      | 77E        | A           | 0.98            | 8              | 20                   | 10                    |                |
| 9.01  | 79  |                                    |                    |          | 76W        | C           | 0.99            | 29             | 97                   | 83                    |                |
|       | 84  |                                    |                    |          | 54E        | B           | 0.82            | 8              | 7                    | 4                     |                |
|       | 85  |                                    |                    |          | 64E        | A           | 0.90            | 4              | 5                    | 5                     |                |
| 10.04 | 84  |                                    |                    |          | 39E        | B           | 0.64            | 17             | 11                   | 5                     |                |
| 11.03 | 84  |                                    |                    |          | 26E        | A           | 0.45            | 8              | 5                    | 2                     |                |
|       | 85  |                                    |                    |          | 35E        | A           | 0.57            | 4              | 3                    | 3                     |                |
| 12.22 | 84  |                                    |                    |          | 10E        | A           | 0.20            | 8              | 4                    | 2                     |                |
| 13.18 | 84  |                                    |                    |          | 4W         | A           | 0.13            | 4              | 2                    | 2                     |                |
|       | 85  |                                    |                    |          | 7E         | B           | 0.11            | 8              | 4                    | 2                     |                |

1985 年 8 月

AGU 1985

| 日     | 群  | 过日面中      | 日面位置    | 中   | 型    | 日    | 视  | 校正面积Sp    | 备       |
|-------|----|-----------|---------|-----|------|------|----|-----------|---------|
| 期     | 号  | 心 经 圈     | 纬 经     | 经   | 别    | 心    | 面  | 全 最大      | 注       |
| Day   | No | (月, 日)    | 度 度     | 距   | Type | r/R  | 积  | 群 黑子      | Remarks |
|       |    | CMP-Day   | Lat L   | CMD |      |      | Sd | Whole Max |         |
| 14.06 | 84 |           |         | 14W | A    | 0.24 | 8  | 4         | 2       |
|       | 85 |           |         | 6W  | A    | 0.10 | 4  | 2         | 2       |
| 15.08 | 85 |           |         | 18W | A    | 0.31 | 4  | 2         | 2       |
| 16.04 | 0  |           |         |     |      |      |    |           |         |
| 17.06 | 0  |           |         |     |      |      |    |           |         |
| 18.05 | 86 | VIII-17.5 | -10 174 | 7W  | B    | 0.25 | 13 | 7         | 2       |
| 19.08 | 0  |           |         |     |      |      |    |           |         |
| 20.24 | 87 | VIII-16.5 | -18 187 | 49W | B    | 0.82 | 8  | 7         | 4       |
| 21.05 | 0  |           |         |     |      |      |    |           |         |
| 22.08 | 0  |           |         |     |      |      |    |           |         |
| 23.04 | 0  |           |         |     |      |      |    |           |         |
| 24.02 | 0  |           |         |     |      |      |    |           |         |
| 25.02 | 0  |           |         |     |      |      |    |           |         |
| 26.15 | 88 | VIII-23.9 | -10 89  | 29W | A    | 0.55 | 8  | 5         | 3       |
| 27.10 | 89 | VIII-31.3 | 5 351   | 56E | A    | 0.82 | 4  | 4         | 4       |
| 28.08 | 0  |           |         |     |      |      |    |           |         |
| 29.01 | 0  |           |         |     |      |      |    |           |         |
| 30.21 | 0  |           |         |     |      |      |    |           |         |
| 31.03 | 90 | VIII-30.0 | 7 8     | 13W | B    | 0.23 | 8  | 4         | 2       |

# 太阳黑子群表

## SUNSPOT GROUPS

1985年7月

JUL 1985

| 黑子群编号<br>及过日心经圈<br>日期(月, 日)<br>CMP-Day No | 日<br>期<br>Date | 日面位置<br>纬 经<br>度 度<br>Lat L | 中<br>经<br>距<br>CMD | 型<br>别<br>Type | 日<br>心<br>距<br>r/R | 视<br>面<br>积<br>Sd | 校正面积<br>全 最大<br>群 黑子<br>Whole Max | 备<br>注<br>Remarks |
|-------------------------------------------|----------------|-----------------------------|--------------------|----------------|--------------------|-------------------|-----------------------------------|-------------------|
| 67 VII<br>VII- 7.2                        | 1              | -16 360                     | 82E                | J              | 0.99               | 13                | 42 42                             |                   |
|                                           | 3              |                             | 55E                | D              | 0.85               | 164               | 156 112                           |                   |
|                                           | 4              |                             | 41E                | D              | 0.70               | 156               | 109 83                            |                   |
|                                           | 5              |                             | 26E                | D              | 0.52               | 177               | 103 71                            |                   |
|                                           | 7              |                             | 1W                 | D              | 0.34               | 1102              | 587 419                           |                   |
|                                           | 8              |                             | 15W                | D              | 0.48               | 1114              | 616 423                           |                   |
|                                           | 9              |                             | 26W                | D              | 0.53               | 1144              | 674 471                           |                   |
|                                           | 10             |                             | 38W                | D              | 0.67               | 908               | 609 485                           |                   |
|                                           | 11             |                             | 51W                | D              | 0.80               | 841               | 708 644                           |                   |
|                                           | 12             |                             | 66W                | D              | 0.93               | 471               | 645 363                           |                   |
|                                           | 13             |                             | 79W                | D              | 0.99               | 160               | 529 389                           |                   |
| 68 VII<br>VII- 6.4                        | 7              | -8 10                       | 11W                | B              | 0.26               | 17                | 9 2                               |                   |
|                                           | 8              |                             | 26W                | B              | 0.47               | 25                | 14 2                              |                   |
|                                           | 9              |                             | 37W                | D              | 0.63               | 454               | 293 136                           |                   |
|                                           | 10             |                             | 50W                | D              | 0.80               | 307               | 258 170                           |                   |
|                                           | 11             |                             | 64W                | D              | 0.92               | 257               | 326 246                           |                   |
|                                           | 12             |                             | 79W                | D              | 0.98               | 126               | 296 168                           |                   |
| 69 VII<br>VII-10.6                        | 7              | -2 315                      | 44E                | B              | 0.70               | 8                 | 6 3                               |                   |
| 70 VII<br>VII-10.7                        | 7              | -1 314                      | 48E                | A              | 0.60               | 4                 | 3 3                               | PLAT              |
| 71 VII<br>VII- 6.6                        | 9              | 5 8                         | 34W                | B              | 0.56               | 8                 | 5 3                               |                   |
| 72 VII<br>VII- 9.4                        | 9              | 4 331                       | 3E                 | B              | 0.06               | 13                | 6 2                               |                   |
|                                           | 10             |                             | 9W                 | D              | 0.16               | 139               | 70 40                             |                   |
|                                           | 11             |                             | 23W                | D              | 0.39               | 269               | 146 82                            |                   |
|                                           | 12             |                             | 38W                | D              | 0.62               | 135               | 86 59                             |                   |
|                                           | 13             |                             | 51W                | C              | 0.78               | 71                | 57 51                             |                   |
|                                           | 14             |                             | 62W                | C              | 0.89               | 25                | 27 23                             |                   |
|                                           | 15             |                             | 76W                | A              | 0.99               | 4                 | 10 10                             |                   |
| 73 VII<br>VII-22.1                        | 16             | -13 163                     | 80E                | J              | 0.95               | 42                | 139 139                           |                   |
|                                           | 17             |                             | 66E                | C              | 0.93               | 76                | 104 98                            |                   |
|                                           | 18             |                             | 58E                | C              | 0.83               | 105               | 94 90                             |                   |
|                                           | 19             |                             | 40E                | C              | 0.69               | 126               | 87 84                             |                   |
|                                           | 20             |                             | 25E                | C              | 0.52               | 76                | 44 32                             |                   |
|                                           | 21             |                             | 11E                | J              | 0.37               | 42                | 23 23                             |                   |
|                                           | 22             |                             | 4W                 | J              | 0.32               | 17                | 9 9                               |                   |
|                                           | 23             |                             | 12W                | A              | 0.37               | 4                 | 2 2                               | PURP              |
| 74 VII<br>VII-27.1                        | 21             | -11 97                      | 75E                | B              | 0.98               | 8                 | 20 10                             |                   |
|                                           | 23             |                             | 52E                | A              | 0.81               | 4                 | 4 4                               | PURP              |
|                                           | 24             |                             | 37E                | A              | 0.66               | 4                 | 3 3                               | PURP              |

1985 年 7 月

JUL 1985

| 黑子群编号<br>及过日心经圈<br>日期(月, 日)<br>CMP-Day No | 日<br>期<br>Date | 日面位置<br>纬 经<br>度 度<br>Lat L | 中<br>经<br>距<br>CMD | 型<br>别<br>Type | 目<br>心<br>距<br>r/R | 视<br>面<br>积<br>Sd | 校正面积<br>全 群<br>Whole | Sp<br>最大<br>黑子<br>Max | 备<br>注<br>Remarks |
|-------------------------------------------|----------------|-----------------------------|--------------------|----------------|--------------------|-------------------|----------------------|-----------------------|-------------------|
|                                           | 25             |                             | 22E                | B              | 0.46               | 8                 | 5                    | 2                     |                   |
|                                           | 26             |                             | 13E                | A              | 0.36               | 4                 | 2                    | 2                     |                   |
| 75 VII-27.8                               | 27             | -7 87                       | 10E                | A              | 0.28               | 4                 | 2                    | 2                     |                   |
| 76 VIII-1.9                               | 27             | 7 20                        | 79E                | J              | 0.98               | 59                | 138                  | 128                   |                   |
|                                           | 28             |                             | 65E                | C              | 0.90               | 101               | 114                  | 71                    |                   |
|                                           | 29             |                             | 52E                | C              | 0.77               | 109               | 86                   | 43                    |                   |
|                                           | 30             |                             | 38E                | C              | 0.61               | 151               | 95                   | 53                    |                   |
|                                           | 31             |                             | 23E                | C              | 0.39               | 97                | 53                   | 32                    |                   |
|                                           | 1              |                             | 10E                | C              | 0.16               | 68                | 32                   | 21                    |                   |
|                                           | 2              |                             | 2W                 | B              | 0.03               | 46                | 23                   | 15                    |                   |
|                                           | 3              |                             | 17W                | B              | 0.31               | 25                | 12                   | 7                     |                   |
|                                           | 4              |                             | 30W                | B              | 0.49               | 8                 | 5                    | 2                     |                   |
|                                           | 5              |                             | 42W                | B              | 0.66               | 8                 | 5                    | 5                     |                   |
|                                           | 6              |                             | 54W                | A              | 0.82               | 8                 | 7                    | 4                     |                   |
| 77 VIII-2.0                               | 28             | -11 18                      | 65E                | A              | 0.91               | 8                 | 10                   | 5                     |                   |
|                                           | 29             |                             | 51E                | A              | 0.79               | 8                 | 7                    | 3                     |                   |
|                                           | 30             |                             | 39E                | B              | 0.67               | 8                 | 6                    | 3                     |                   |
|                                           | 2              |                             | 0                  | A              | 0.29               | 8                 | 4                    | 2                     |                   |
|                                           | 3              |                             | 15W                | A              | 0.38               | 4                 | 2                    | 2                     |                   |
| 78 VIII-2.8                               | 28             | 7 8                         | 79E                | J              | 0.97               | 13                | 24                   | 24                    |                   |
|                                           | 29             |                             | 65E                | J              | 0.90               | 17                | 19                   | 19                    |                   |
|                                           | 30             |                             | 51E                | A              | 0.77               | 8                 | 7                    | 3                     |                   |
|                                           | 31             |                             | 35E                | A              | 0.57               | 8                 | 5                    | 3                     |                   |
|                                           | 1              |                             | 22E                | A              | 0.38               | 4                 | 2                    | 2                     |                   |
|                                           | 2              |                             | 10E                | B              | 0.18               | 8                 | 4                    | 2                     |                   |
|                                           | 4              |                             | 17W                | A              | 0.28               | 8                 | 4                    | 2                     |                   |
|                                           | 5              |                             | 27W                | A              | 0.45               | 8                 | 5                    | 2                     |                   |
|                                           | 6              |                             | 42W                | A              | 0.68               | 8                 | 6                    | 3                     |                   |
| 79 VIII-3.2                               | 28             | -14 3                       | 84E                | J              | 0.99               | 38                | 125                  | 125                   |                   |
|                                           | 29             |                             | 70E                | J              | 0.94               | 135               | 201                  | 201                   |                   |
|                                           | 30             |                             | 56E                | C              | 0.85               | 214               | 204                  | 200                   |                   |
|                                           | 31             |                             | 40E                | J              | 0.69               | 240               | 166                  | 163                   |                   |
|                                           | 1              |                             | 26E                | J              | 0.54               | 210               | 125                  | 120                   |                   |
|                                           | 2              |                             | 15E                | C              | 0.41               | 248               | 136                  | 132                   |                   |
|                                           | 3              |                             | 1E                 | C              | 0.34               | 240               | 128                  | 123                   |                   |
|                                           | 4              |                             | 11W                | C              | 0.39               | 227               | 123                  | 114                   |                   |
|                                           | 5              |                             | 24W                | C              | 0.52               | 151               | 88                   | 84                    |                   |
|                                           | 6              |                             | 36W                | C              | 0.67               | 126               | 85                   | 79                    |                   |
|                                           | 7              |                             | 54W                | C              | 0.85               | 84                | 80                   | 68                    |                   |
|                                           | 8              |                             | 63W                | C              | 0.92               | 55                | 70                   | 59                    |                   |
|                                           | 9              |                             | 76W                | C              | 0.99               | 29                | 97                   | 83                    |                   |
| 80 VII-24.2                               | 29             | -7 134                      | 63W                | B              | 0.90               | 13                | 14                   | 5                     |                   |
|                                           | 30             |                             | 77W                | B              | 0.98               | 8                 | 20                   | 10                    |                   |
| 81 VII-29.7                               | 29             | 7 62                        | 9E                 | A              | 0.16               | 4                 | 2                    | 2                     |                   |

# 太阳黑子群表

## SUNSPOT GROUPS

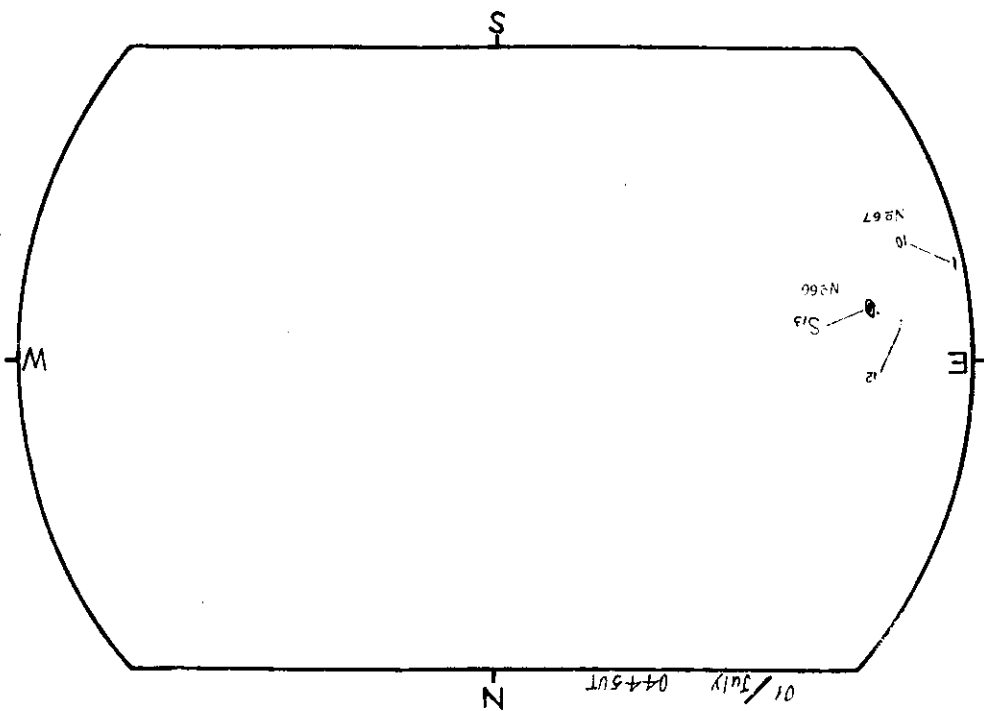
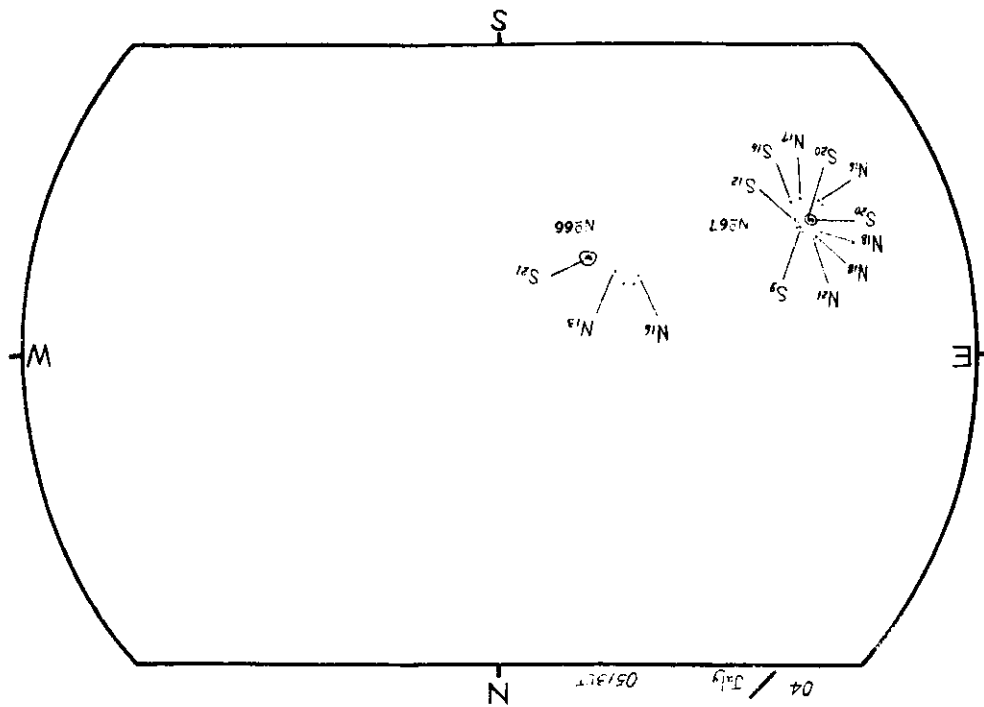
1985 年 8 月

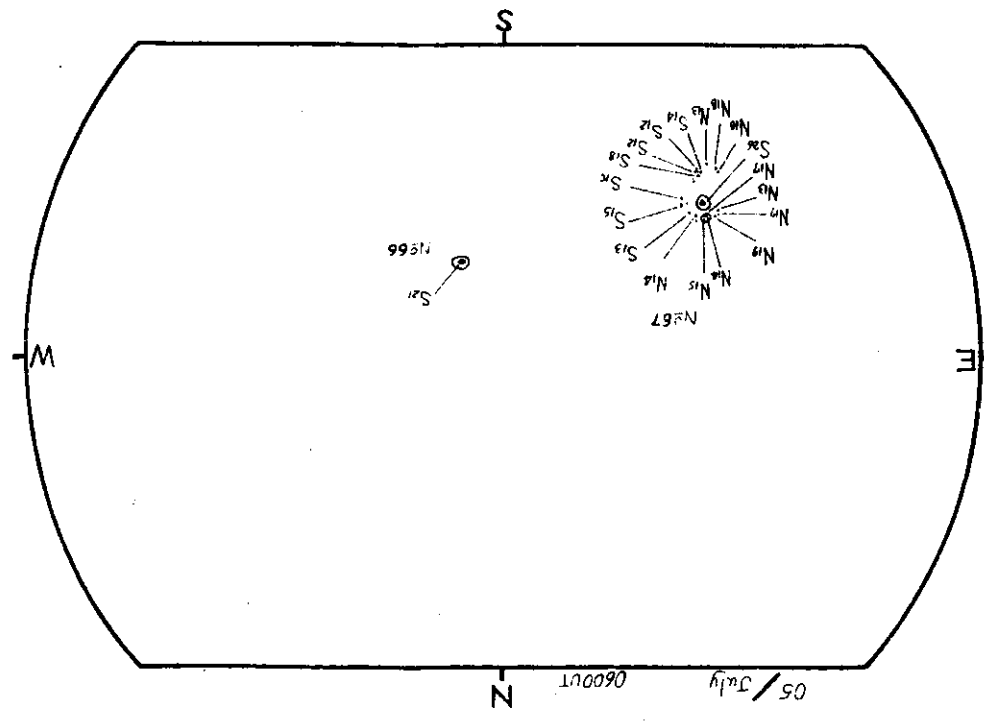
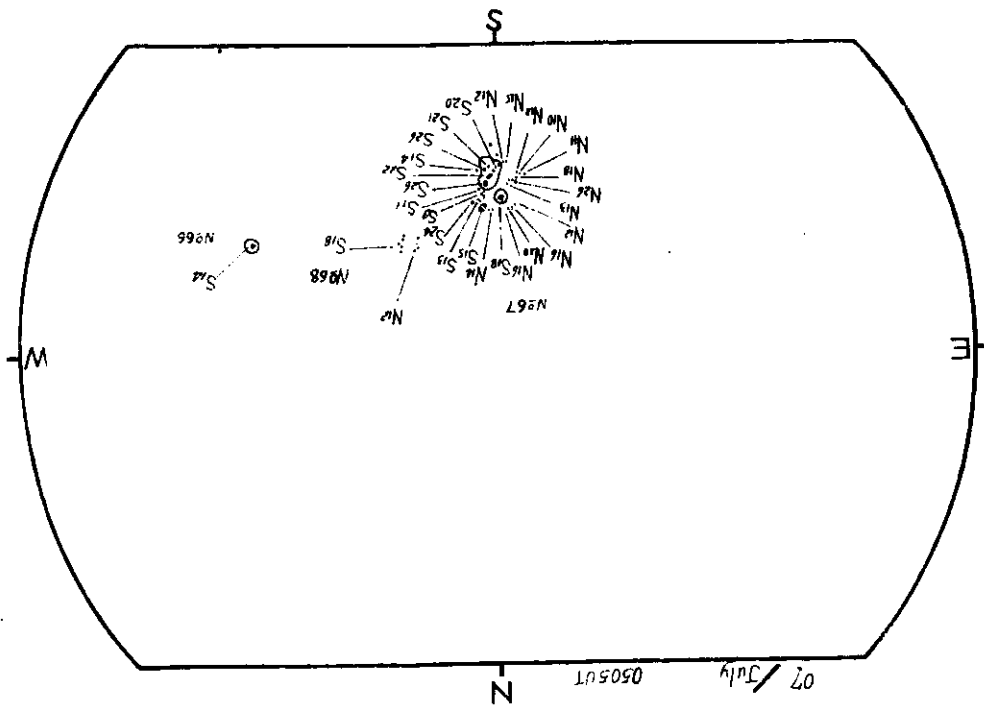
AUG 1985

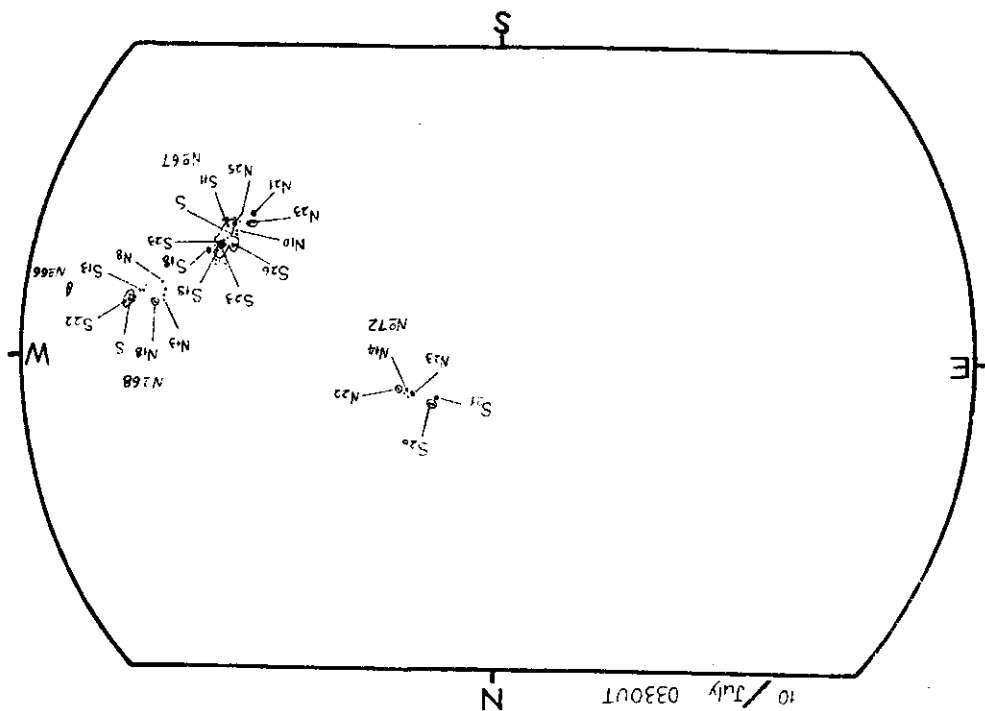
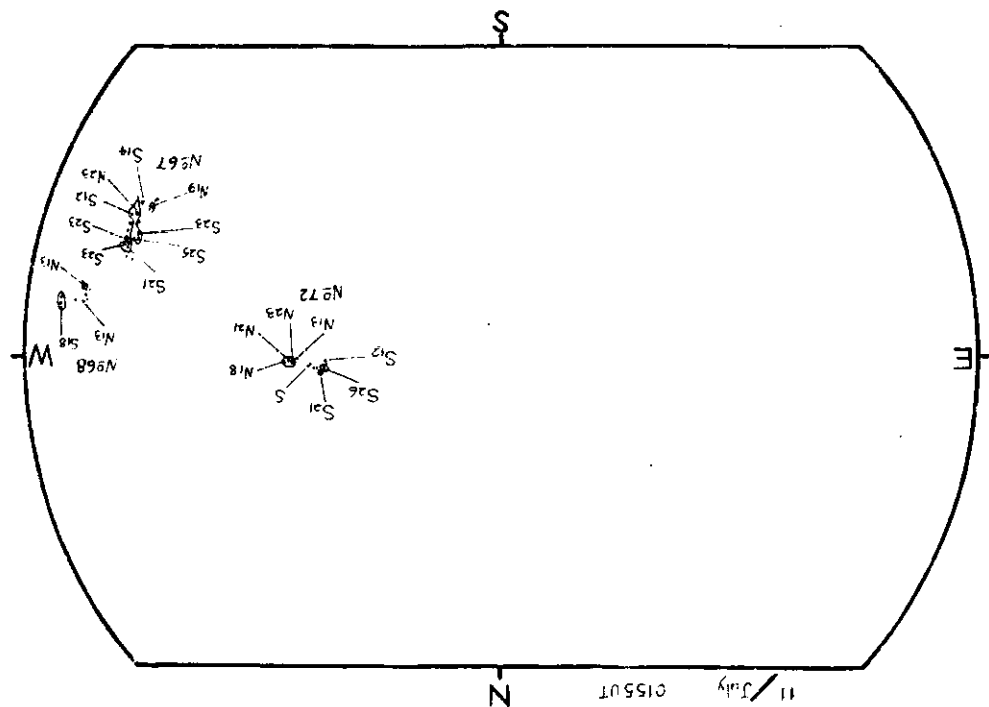
| 黑子群编号<br>及过日心经圈<br>日期(月, 日)<br>CMP-Day No | 日<br>期<br>Date | 日面位置<br>纬 经<br>度 度<br>Lat L | 中<br>经<br>距<br>CMD | 型<br>别<br>Type | 目<br>心<br>距<br>r/R | 视<br>面<br>积<br>Sd | 校正面积Sp<br>全 最大<br>Whole Max | 备<br>注<br>Remarks |
|-------------------------------------------|----------------|-----------------------------|--------------------|----------------|--------------------|-------------------|-----------------------------|-------------------|
| 82 VIII<br>VIII- 6.3                      | 6              | 4 321                       | 4E                 | A              | 0.08               | 4                 | 2 2                         |                   |
| 83 VIII<br>VIII- 2.8                      | 7              | -10 8                       | 60W                | A              | 0.89               | 4                 | 5 5                         |                   |
| 84 VIII<br>VIII-12.9                      | 8              | 0 235                       | 67E                | A              | 0.98               | 4                 | 6 6                         |                   |
|                                           | 9              |                             | 54E                | B              | 0.82               | 8                 | 7 4                         |                   |
|                                           | 10             |                             | 39E                | B              | 0.64               | 17                | 11 5                        |                   |
|                                           | 11             |                             | 26E                | A              | 0.45               | 8                 | 5 2                         |                   |
|                                           | 12             |                             | 10E                | A              | 0.20               | 8                 | 4 2                         |                   |
|                                           | 13             |                             | 4W                 | A              | 0.13               | 4                 | 2 2                         |                   |
|                                           | 14             |                             | 14W                | A              | 0.24               | 8                 | 4 2                         |                   |
| 85 VIII<br>VIII-13.7                      | 8              | 9 224                       | 77E                | A              | 0.98               | 8                 | 20 10                       |                   |
|                                           | 9              |                             | 64E                | A              | 0.90               | 4                 | 5 5                         |                   |
|                                           | 11             |                             | 35E                | A              | 0.57               | 4                 | 3 3                         |                   |
|                                           | 13             |                             | 7E                 | B              | 0.11               | 8                 | 4 2                         |                   |
|                                           | 14             |                             | 6W                 | A              | 0.10               | 4                 | 2 2                         |                   |
|                                           | 15             |                             | 18W                | A              | 0.31               | 4                 | 2 2                         |                   |
| 86 VIII<br>VIII-17.5                      | 18             | -10 174                     | 7W                 | B              | 0.25               | 13                | 7 2                         |                   |
| 87 VIII<br>VIII-16.5                      | 20             | -18 187                     | 49W                | B              | 0.82               | 8                 | 7 4                         |                   |
| 88 VIII<br>VIII-23.9                      | 26             | -10 89                      | 29W                | A              | 0.55               | 8                 | 5 3                         |                   |
| 89 VIII<br>VIII-31.3                      | 27             | 5 351                       | 56E                | A              | 0.82               | 4                 | 4 4                         |                   |
| IX                                        | 1              |                             | 12W                | A              | 0.21               | 4                 | 2 2                         |                   |
| 90 VIII<br>VIII-30.0                      | 31             | 7 8                         | 13W                | B              | 0.23               | 8                 | 4 2                         |                   |

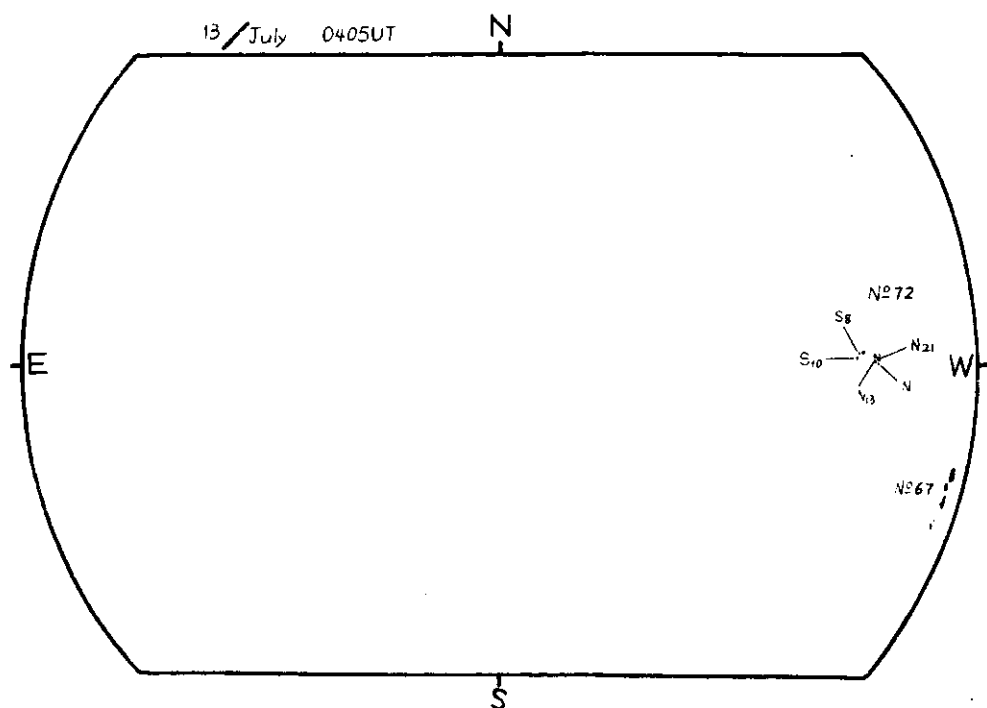
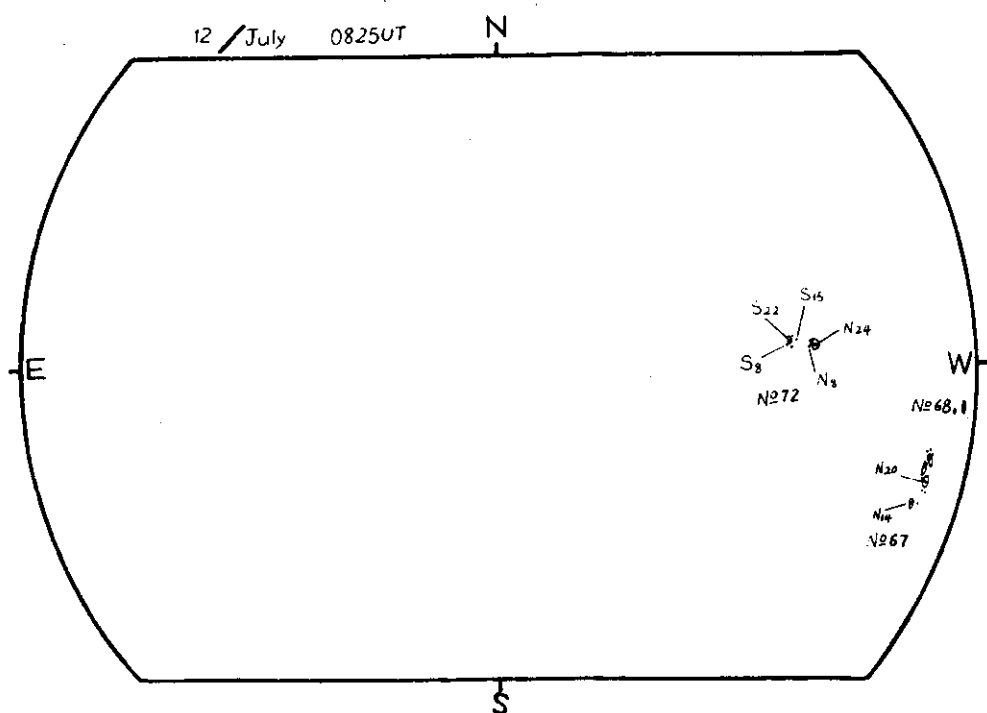
太阳黑子磁场图 (共 27 天)  
**DAILY CHARTS OF SUNSPOT  
MAGNETIC FIELD**  
( 27 days in all)

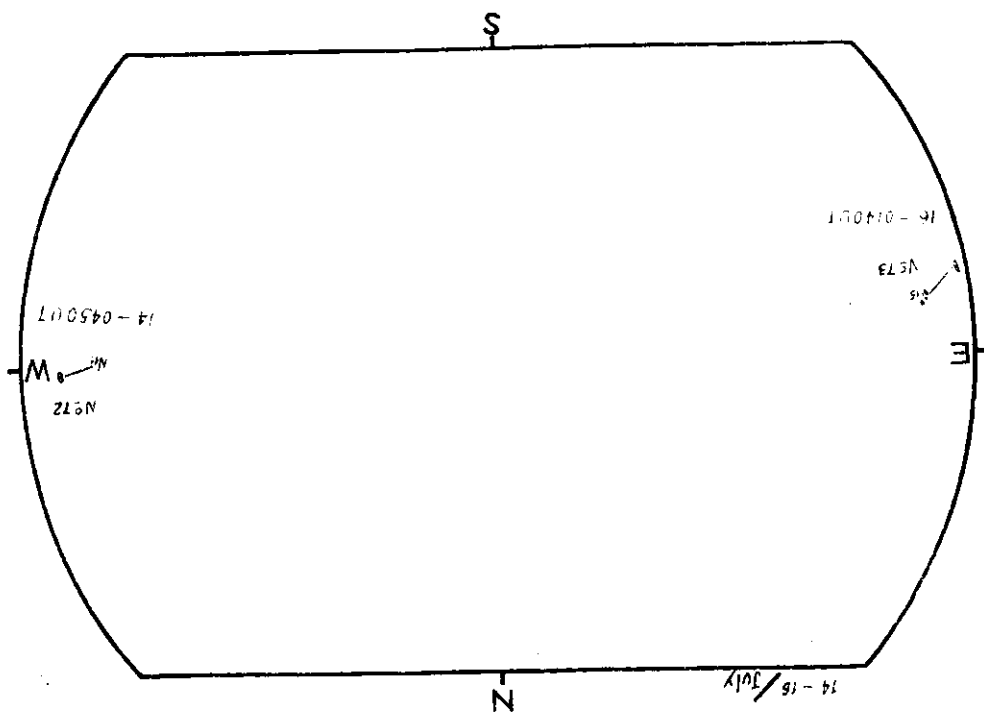
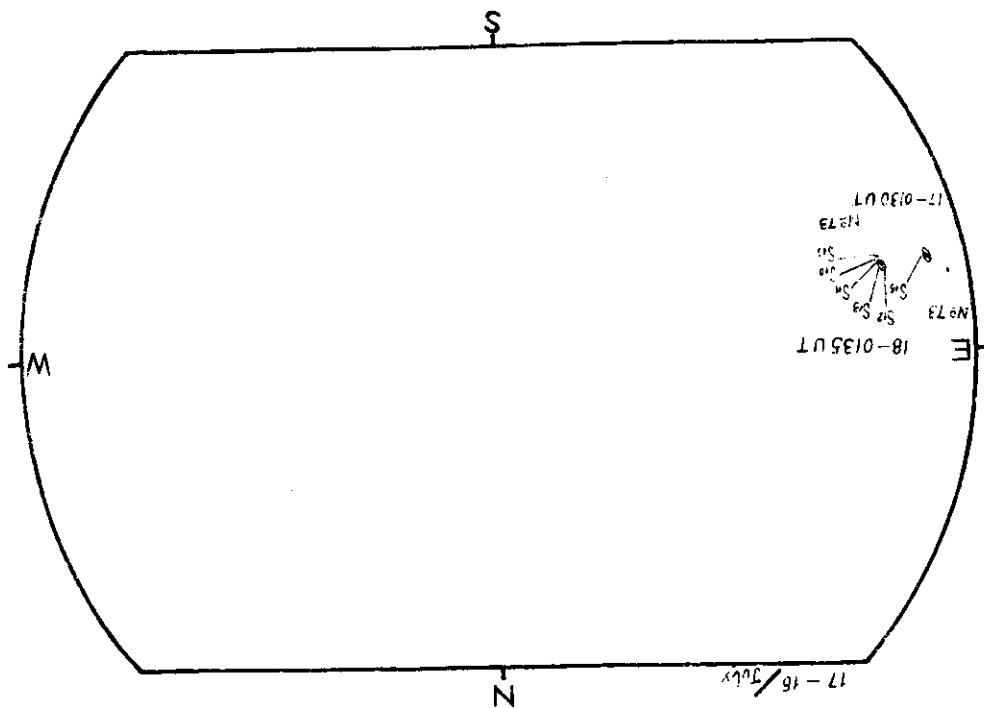
1985 . 7-8

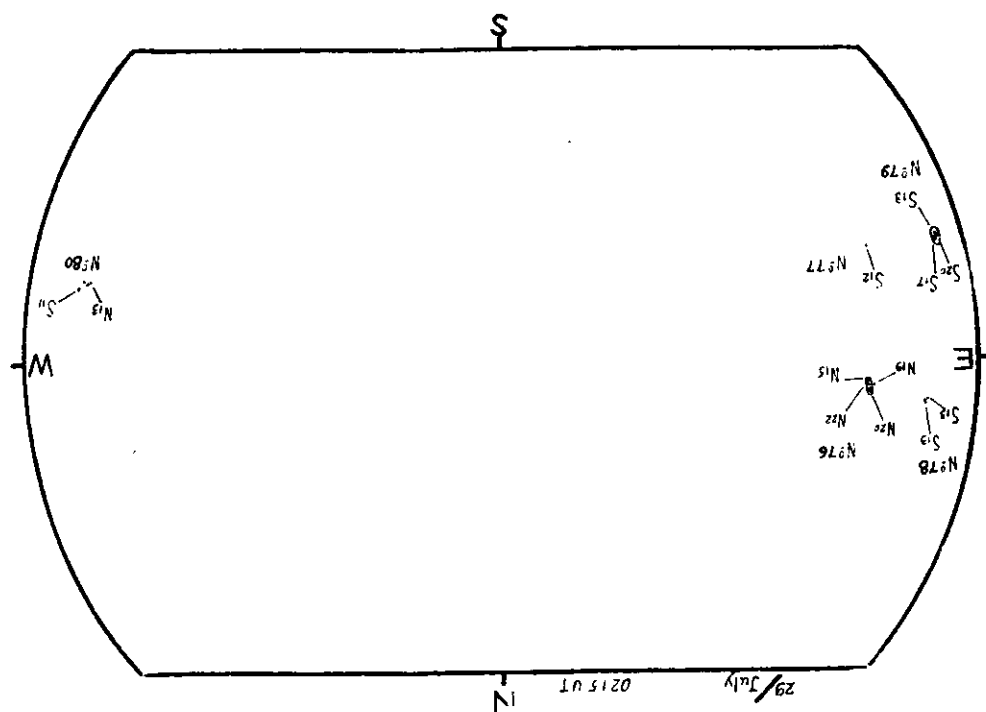
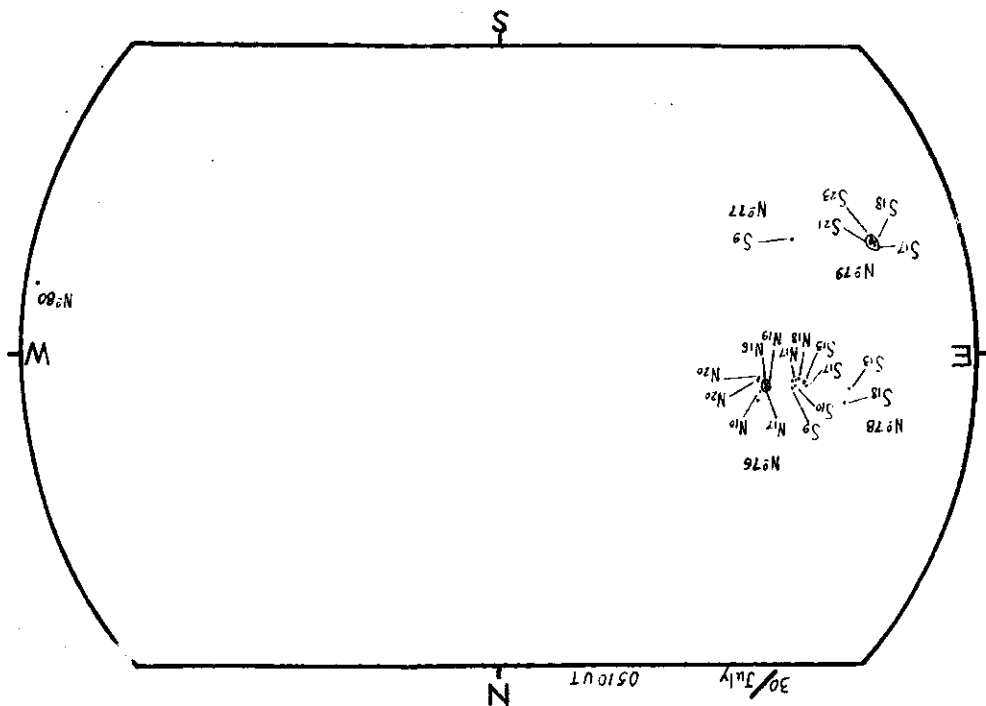


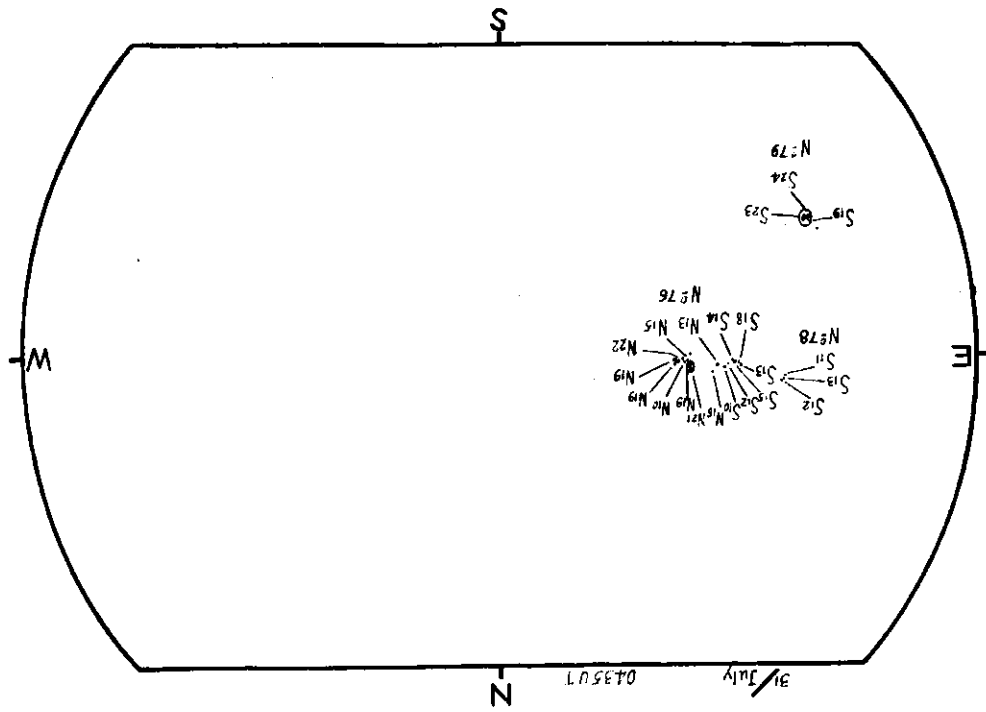
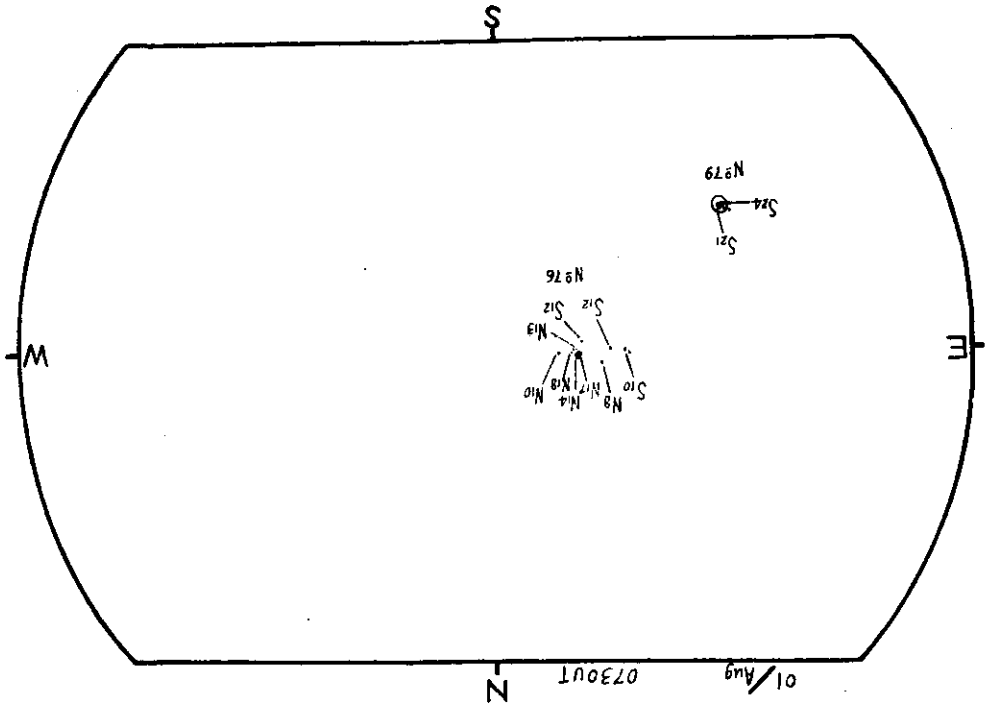


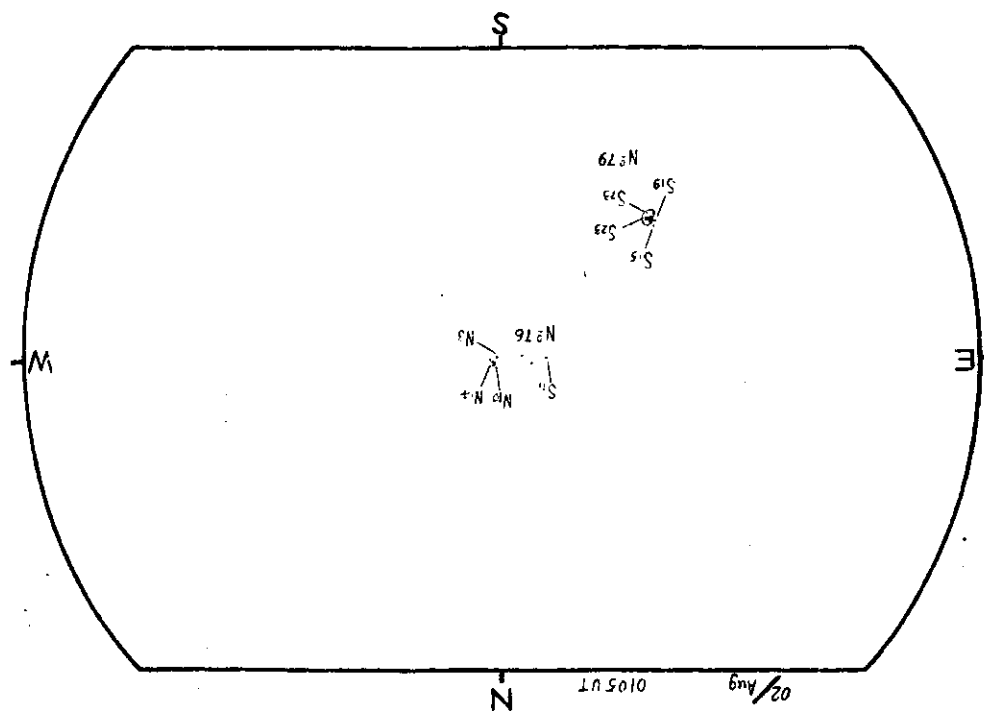
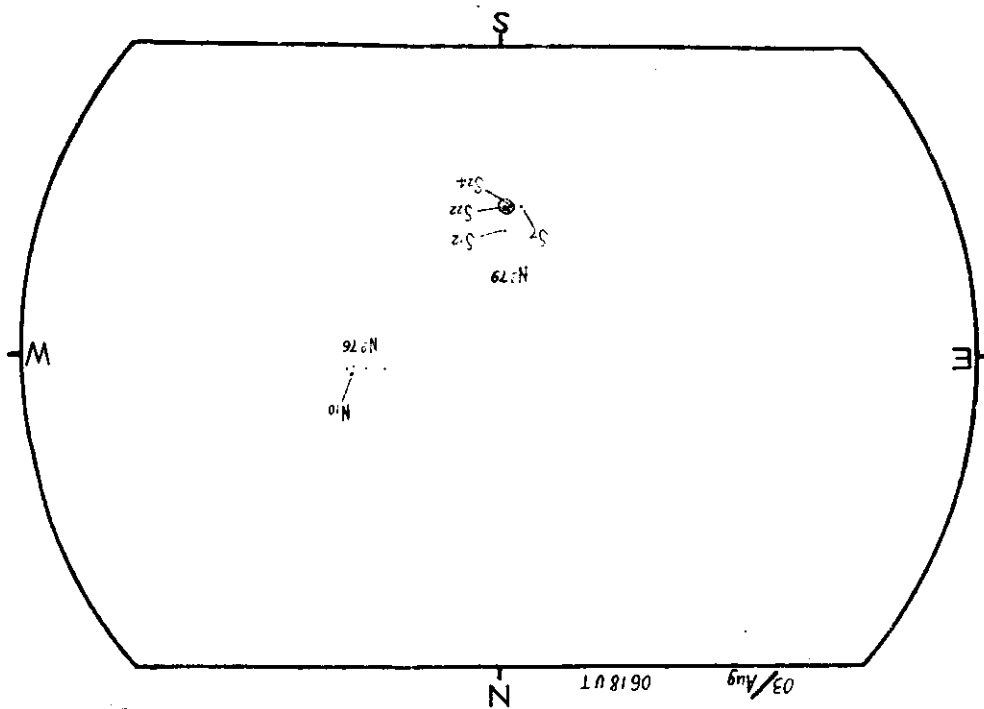


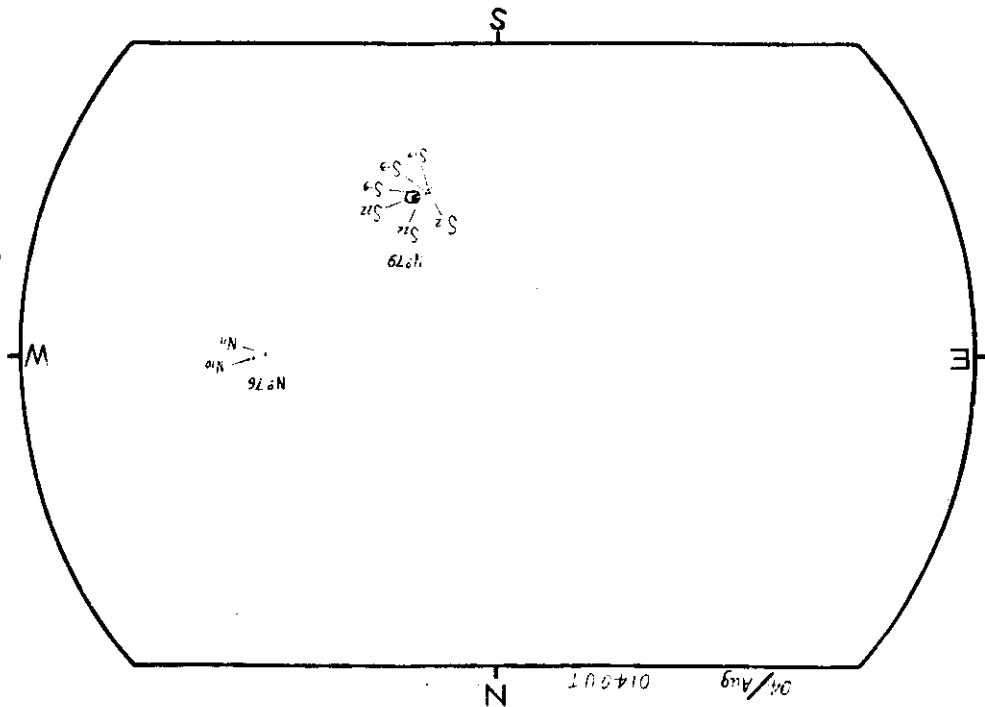
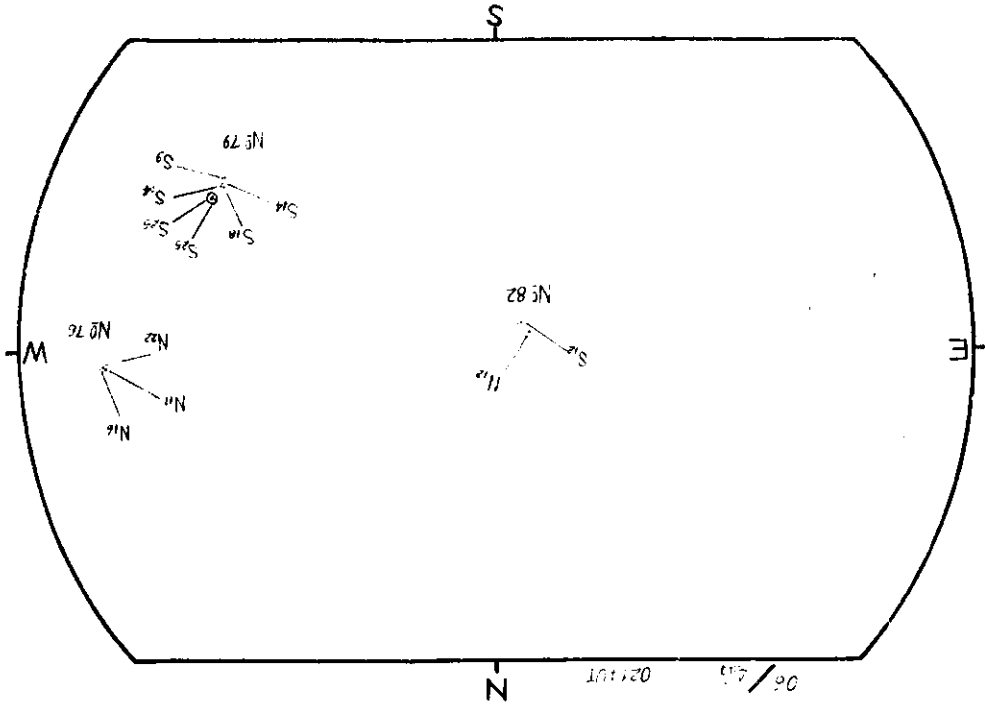


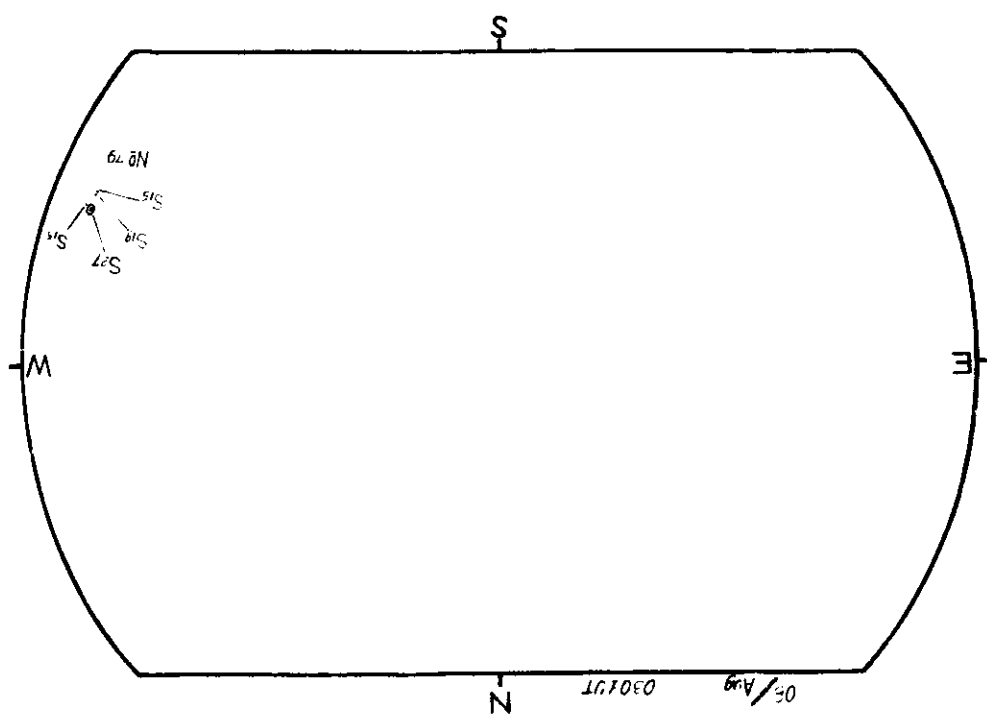
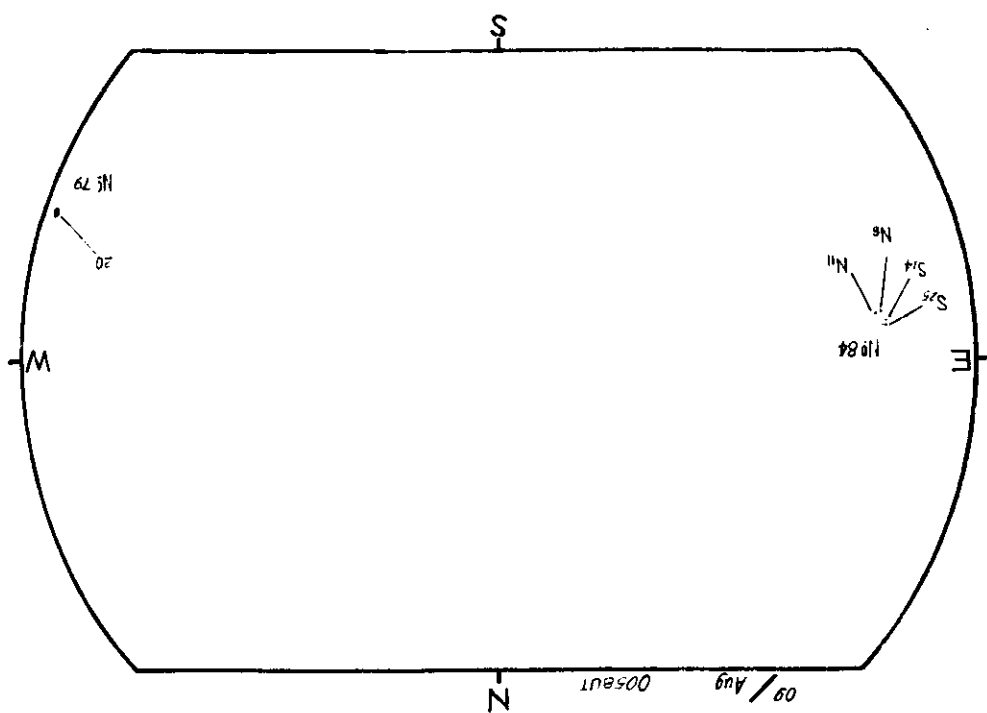


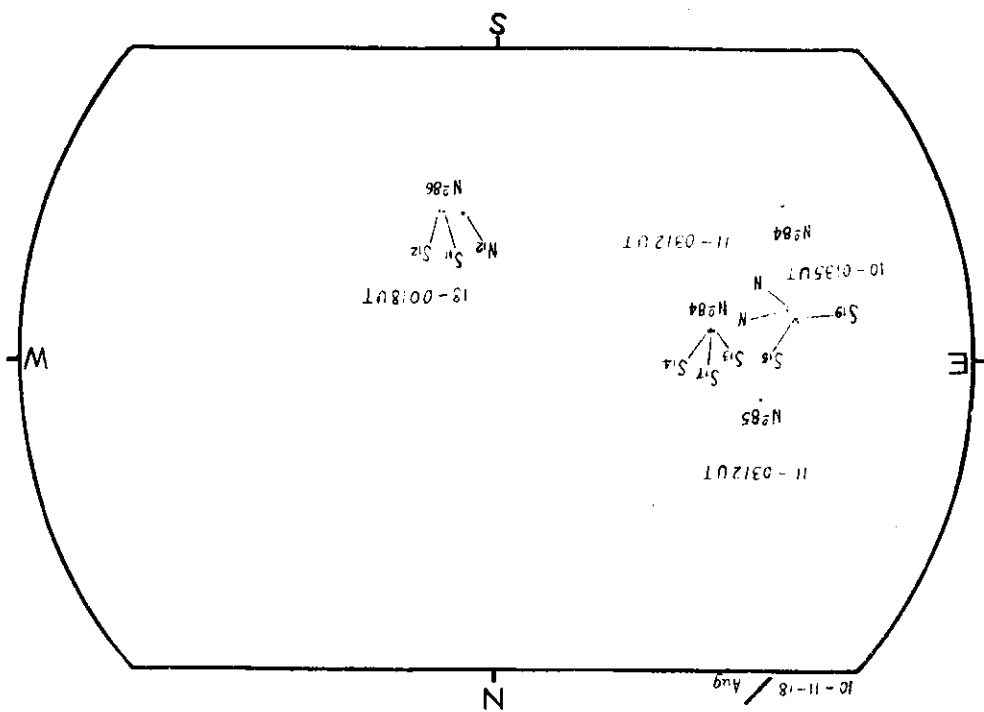
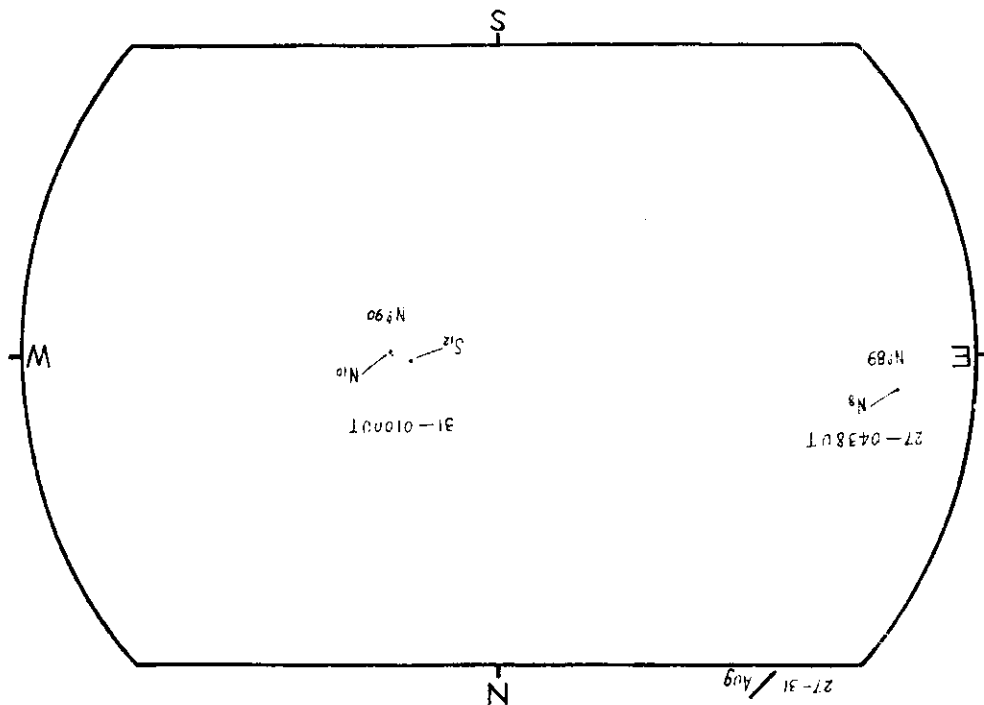












# H<sub>α</sub> 太 阳 耀 斑

## H-ALPHA SOLAR FLARES

1985 年 7 月

JUL 1985

| 日 期 | 台 站  | 开 始        | 极 大      | 结 束      | 纬 度 | 经 度     | 中 心      | 面 积       | 级 别       | 观测 资料    | 对应 黑子 群号 | 备 注     |
|-----|------|------------|----------|----------|-----|---------|----------|-----------|-----------|----------|----------|---------|
| Day | Sta  | Start (UT) | Max (UT) | End (UT) | Lat | L. CMD  | Gen Dist | Area (Sd) | Corr (Sp) | Imp Type | A. R.    | Remarks |
| 1   | WLMQ | 0108       | 0109     | 0111     | S14 | 352 E89 | 1.       | 79        |           | 1N C     | 67       | A       |
| 2   | WLMQ | 0122E      | 0122     | 0224     | S 8 | 23 E45  | .721     | 63        | 45        | -N P     | 66       | E       |
| 3   | WLMQ | 0139       | 0146     | 0154     | S 8 | 24 E30  | .535     | 126       | 75        | -N C     | 66       | U       |
| 4   | WLMQ | 0444E      | 0444     | 0446     | S14 | 1 E39   | .671     | 47        | 32        | -N P     | 67       | E       |
| 4   | WLMQ | 0827       | 0830     | 0834     | S14 | 360 E38 | .657     | 63        | 42        | -N C     | 67       |         |
| 4   | WLMQ | 0902E      | 0906     | 0906D    | S14 | 1 E37   | .646     | 63        | 41        | -N P     | 67       |         |
| 4   | WLMQ | 1006       | 1011     | 1018     | S 7 | 24 E13  | .285     | 47        | 25        | -N C     | 66       | E       |
| 5   | WLMQ | 0111E      | 0111     | 0114     | S20 | 358 E31 | .618     | 63        | 40        | -N P     | 67       | FT      |
| 5   | WLMQ | 0127       | 0131     | 0135     | S20 | 358 E31 | .618     | 47        | 30        | -N C     | 67       | T       |
| 5   | WLMQ | 0146       | 0148     | 0152     | S14 | 358 E30 | .561     | 31        | 19        | -N C     | 67       |         |
| 5   | WLMQ | 0154       | 0158     | 0201     | S19 | 357 E31 | .611     | 31        | 20        | -N C     | 67       | ET      |
| 5   | BEIJ | 0245       | 0324     | 0339     | S19 | 357 E31 | .609     | 50        | 32        | -N P     | 67       | D       |
| 7   | BEIJ | 0527       | 0529     | 0535     | S16 | 359 E 1 | .345     | 336       | 179       | 1B C     | 67       | E       |
| 9   | PURP | 0128E      | 0219     | 0352     | S14 | 1 W26   | .544     | 566       | 337       | 2N C     | 67       | W       |
| 9   | PURP | 0807E      | 0813     | 0832D    | N 3 | 331 E 1 |          |           |           | -N C     | 72       | E       |
| 12  | PURP | 0517       | 0530     | 0615D    | S20 | 3 W69   |          |           |           | -N C     | 67       | E       |
| 14  | WLMQ | 0319       | 0320     | 0322     | N 3 | 331 W63 | .891     | 126       | 139       | 1N C     | 72       | G       |
| 14  | WLMQ | 0323       | 0324     | 0326     | N 2 | 331 W63 | .891     | 94        | 104       | 1N C     | 72       |         |
| 21  | WLMQ | 0319       | 0324     | 0334     | S16 | 160 E16 | .434     | 47        | 26        | -N C     | 73       |         |
| 29  | WLMQ | 1009E      | 1009U    | 1022     | S 5 | 131 W65 | .911     | 31        |           | -N P     | 80       |         |
| 30  | PURP | 0514E      | 0515     | 0523     | N 5 | 14 E42  |          |           |           | -N C     | 76       | D       |
| 30  | PURP | 0536E      | 0547     | 0605     | S19 | 3 E52   |          |           |           | 1B C     | 79       |         |
| 30  | PURP | 0807E      | 0812     | 0820     | N 4 | 19 E35  |          |           |           | -B C     | 76       | E       |
| 31  | BEIJ | 0336       | 0339     | 0346     | N 5 | 20 E23  | .379     | 42        | 23        | -N C     | 76       | D       |
| 31  | WLMQ | 0923       | 0926     | 0932     | N 4 | 21 E19  | .330     | 31        | 16        | -N C     | 76       | DT      |
| 31  | WLMQ | 0942       | 0944     | 0950     | N 4 | 20 E19  | .333     | 63        | 33        | -N C     | 76       | T       |
| 31  | WLMQ | 0951       | 0953     | 0956     | N 5 | 21 E19  | .321     | 31        | 16        | -N C     | 76       | CD      |

# H<sub>α</sub> 太 阳 耀 斑

## H-ALPHA SOLAR FLARES

1985 年 8 月

AUG 1985

| 日   | 台    | 开     | 极    | 结     | 纬   | 经   | 中   | 日        | 面积         | 级         | 观测  | 对应       | 备     |         |
|-----|------|-------|------|-------|-----|-----|-----|----------|------------|-----------|-----|----------|-------|---------|
| 期   | 站    | 始     | 大    | 束     | 度   | 度   | 经   | 心        | Area       |           | 资料  | 黑子       | 注     |         |
|     |      | Start | Max  | End   |     |     | 距   | 距        | 视面积        | 校正面积      |     | 群号       |       |         |
| Day | Sta  | (UT)  | (UT) | (UT)  | Lat | L   | CMD | Gen Dist | Appar (Sd) | Corr (Sp) | Imp | Obs Type | A. R. | Remarks |
| 1   | WLMQ | 0336  | 0341 | 0357  | N 6 | 16  | E14 | .238     | 79         | 41        | -N  | C        | 76    |         |
| 6   | WLMQ | 0223E | 0223 | 0236  | S16 | 360 | W35 | .665     | 157        | 105       | 1B  | P        | 79    | F       |
| 6   | WLMQ | 0356  | 0358 | 0359D | S16 | 4   | W40 | .710     | 79         | 56        | -N  | P        | 79    | E       |
| 6   | WLMQ | 0521  | 0523 | 0527  | S15 | 4   | W41 | .714     | 31         | 22        | -N  | C        | 79    | CE      |
| 7   | BEIJ | 0252  | 0259 | 0306  | S16 | 4   | W53 | .839     | 210        | 193       | 1N  | C        | 79    | D       |
| 7   | BEIJ | 0309  | 0311 | 0318  | S16 | 4   | W53 | .839     | 168        | 154       | 1N  | C        | 79    | D       |
| 7   | WLMQ | 1042  | 1043 | 1045  | N 3 | 13  | W66 | .914     | 31         |           | -F  | C        |       | G       |
| 13  | WLMQ | 0228  | 0229 | 0230  | S 0 | 233 | W 1 | .120     | 31         | 16        | -N  | C        | 84    | DG      |

# H<sub>α</sub> 耀 斑 巡 视 时 间

## INTERVALS OF H-ALPHA FLARE PATROL OBSERVATION

1985 年 7 月

JUL 1985

| 日<br>期<br>Day | 北 台<br>BEIJ |          | 云 台<br>YUNN |          | 紫 台<br>PURP |          | 乌鲁木齐<br>WLMQ |          |
|---------------|-------------|----------|-------------|----------|-------------|----------|--------------|----------|
|               | 开始<br>From  | 结束<br>To | 开始<br>From  | 结束<br>To | 开始<br>From  | 结束<br>To | 开始<br>From   | 结束<br>To |
| 1             | 0145        | 0150     |             |          |             |          | 0108         | 0110     |
|               | 0201        | 0209     |             |          |             |          | 0859         | 0907     |
|               | 0236        | 0656     |             |          |             |          | 0919         | 0939     |
|               | 0709        | 0716     |             |          |             |          | 0954         | 1049     |
|               | 0735        | 0748     |             |          |             |          |              |          |
| 2             |             |          |             |          |             |          | 0122         | 0216     |
|               |             |          |             |          |             |          | 0230         | 0237     |
|               |             |          |             |          |             |          | 0244         | 0414     |
|               |             |          |             |          |             |          | 0424         | 0440     |
|               |             |          |             |          |             |          | 0814         | 0853     |
|               |             |          |             |          |             |          | 0900         | 0930     |
|               |             |          |             |          |             |          | 0937         | 1045     |
| 3             | 0434        | 0516     |             |          |             |          | 0113         | 0213     |
|               | 0521        | 0544     |             |          |             |          | 0230         | 0237     |
|               | 0606        | 0610     |             |          |             |          |              |          |
|               | 0628        | 0638     |             |          |             |          |              |          |
|               | 0642        | 0720     |             |          |             |          |              |          |
|               | 0728        | 0800     |             |          |             |          |              |          |
| 4             | 0130        | 0515     |             |          | 0851        | 0855     | 0444         | 0447     |
|               |             |          |             |          |             |          | 0502         | 0510     |
|               |             |          |             |          |             |          | 0819         | 0851     |
|               |             |          |             |          |             |          | 0902         | 0906     |
|               |             |          |             |          |             |          | 0918         | 1035     |
| 5             | 0120        | 0630     |             |          |             |          | 0111         | 0216     |
| 6             | 0530        | 0600     |             |          |             |          |              |          |
| 7             | 0030        | 0520     |             |          | 0054        |          |              |          |
|               | 0525        | 0600     |             |          | 0102        | 0115     |              |          |
|               | 0730        | 0820     |             |          | 0121        |          |              |          |
|               | 0900        | 0910     |             |          | 0255        |          |              |          |
| 9             | 0610        | 0700     |             |          | 0015        | 0310     |              |          |
|               |             |          |             |          | 0319        | 0605     |              |          |
|               |             |          |             |          | 0614        | 0659     |              |          |
|               |             |          |             |          | 0722        | 0748     |              |          |
|               |             |          |             |          | 0756        | 0835     |              |          |
|               |             |          |             |          | 0848        | 0851     |              |          |
| 10            | 0335        | 0337     |             |          | 0019        | 0024     |              |          |
|               | 0435        | 0605     |             |          | 0205        | 0208     |              |          |
|               | 0700        | 0800     |             |          | 0218        |          |              |          |
|               |             |          |             |          | 0224        |          |              |          |

1985 年 7 月

JUL 1985

| 日<br>期<br>Day | 北 台<br>BEIJ |          | 云 台<br>YUNN |          | 紫 台<br>PURP |          | 乌鲁木齐<br>WLMQ |          |
|---------------|-------------|----------|-------------|----------|-------------|----------|--------------|----------|
|               | 开始<br>From  | 结束<br>To | 开始<br>From  | 结束<br>To | 开始<br>From  | 结束<br>To | 开始<br>From   | 结束<br>To |
|               |             |          |             |          | 0231        |          |              |          |
|               |             |          |             |          | 0238        | 0239     |              |          |
|               |             |          |             |          | 0246        |          |              |          |
|               |             |          |             |          | 0304        | 0306     |              |          |
|               |             |          |             |          | 0329        | 0332     |              |          |
|               |             |          |             |          | 0345        |          |              |          |
|               |             |          |             |          | 0401        | 0414     |              |          |
|               |             |          |             |          | 0425        |          |              |          |
|               |             |          |             |          | 0432        | 0508     |              |          |
|               |             |          |             |          | 0529        | 0533     |              |          |
| 11            |             |          |             |          | 0023        | 0030     |              |          |
|               |             |          |             |          | 0039        | 0531     |              |          |
|               |             |          |             |          | 0604        | 0631     |              |          |
|               |             |          |             |          | 0644        | 0904     |              |          |
| 12            |             |          |             |          | 0100        | 0118     |              |          |
|               |             |          |             |          | 0122        | 0447     |              |          |
|               |             |          |             |          | 0455        | 0901     |              |          |
| 13            |             |          |             |          | 0749        | 0824     |              |          |
|               |             |          |             |          | 0831        | 0848     |              |          |
|               |             |          |             |          | 0855        | 0900     |              |          |
| 14            |             |          |             |          | 0026        | 0101     | 0313         | 0330     |
|               |             |          |             |          | 0157        | 0230     |              |          |
|               |             |          |             |          | 0237        | 0240     |              |          |
|               |             |          |             |          | 0246        | 0326     |              |          |
|               |             |          |             |          | 0338        | 0346     |              |          |
|               |             |          |             |          | 0354        |          |              |          |
|               |             |          |             |          | 0415        |          |              |          |
|               |             |          |             |          | 0525        | 0535     |              |          |
|               |             |          |             |          | 0544        | 0552     |              |          |
|               |             |          |             |          | 0614        | 0620     |              |          |
|               |             |          |             |          | 0656        |          |              |          |
|               |             |          |             |          | 0705        |          |              |          |
| 15            |             |          |             |          | 0049        | 0111     | 0134         | 0146     |
|               |             |          |             |          | 0120        | 0158     |              |          |
|               |             |          |             |          | 0209        | 0254     |              |          |
|               |             |          |             |          | 0303        | 0341     |              |          |
|               |             |          |             |          | 0356        | 0414     |              |          |
|               |             |          |             |          | 0422        |          |              |          |
|               |             |          |             |          | 0431        | 0436     |              |          |
|               |             |          |             |          | 0635        | 0700     |              |          |
|               |             |          |             |          | 0713        | 0745     |              |          |
|               |             |          |             |          | 0757        | 0822     |              |          |
|               |             |          |             |          | 0834        | 0842     |              |          |
|               |             |          |             |          | 0851        | 0855     |              |          |
|               |             |          |             |          | 0903        |          |              |          |

1985年 7 月

JUL 1985

| 日<br>期<br>Day | 北 台<br>BEIJ |          | 云 台<br>YUNN |          | 紫 台<br>PURP |          | 乌鲁木齐<br>WLMQ |          |
|---------------|-------------|----------|-------------|----------|-------------|----------|--------------|----------|
|               | 开始<br>From  | 结束<br>To | 开始<br>From  | 结束<br>To | 开始<br>From  | 结束<br>To | 开始<br>From   | 结束<br>To |
| 16            |             |          |             |          | 0246        | 0324     | 0133         | 0155     |
|               |             |          |             |          | 0651        | 0653     |              |          |
|               |             |          |             |          | 0706        | 0720     |              |          |
|               |             |          |             |          | 0726        |          |              |          |
|               |             |          |             |          | 0734        |          |              |          |
|               |             |          |             |          | 0744        |          |              |          |
|               |             |          |             |          | 0752        |          |              |          |
|               |             |          |             |          | 0758        |          |              |          |
|               |             |          |             |          | 0807        |          |              |          |
|               |             |          |             |          | 0814        |          |              |          |
|               |             |          |             |          | 0821        | 0826     |              |          |
| 18            |             |          |             |          | 0051        | 0130     |              |          |
|               |             |          |             |          | 0145        | 0148     |              |          |
|               |             |          |             |          | 0156        | 0200     |              |          |
|               |             |          |             |          | 0226        | 0323     |              |          |
|               |             |          |             |          | 0427        | 0441     |              |          |
|               |             |          |             |          | 0452        |          |              |          |
|               |             |          |             |          | 0500        |          |              |          |
|               |             |          |             |          | 0509        | 0518     |              |          |
|               |             |          |             |          | 0535        |          |              |          |
|               |             |          |             |          | 0544        |          |              |          |
|               |             |          |             |          | 0551        | 0555     |              |          |
|               |             |          |             |          | 0604        | 0610     |              |          |
|               |             |          |             |          | 0619        | 0627     |              |          |
|               |             |          |             |          | 0635        | 0724     |              |          |
|               |             |          |             |          | 0732        | 0823     |              |          |
|               |             |          |             |          | 0830        | 0832     |              |          |
|               |             |          |             |          | 0845        |          |              |          |
|               |             |          |             |          | 0851        | 0900     |              |          |
| 19            |             |          |             |          | 0029        | 0034     |              |          |
|               |             |          |             |          | 0042        | 0126     |              |          |
|               |             |          |             |          | 0136        | 0141     |              |          |
|               |             |          |             |          | 0148        |          |              |          |
|               |             |          |             |          | 0154        |          |              |          |
|               |             |          |             |          | 0200        |          |              |          |
|               |             |          |             |          | 0209        | 0227     |              |          |
|               |             |          |             |          | 0234        | 0329     |              |          |
|               |             |          |             |          | 0353        | 0453     |              |          |
|               |             |          |             |          | 0501        | 0505     |              |          |
|               |             |          |             |          | 0519        | 0534     |              |          |
|               |             |          |             |          | 0541        | 0640     |              |          |
|               |             |          |             |          | 0646        |          |              |          |
|               |             |          |             |          | 0656        | 0658     |              |          |
|               |             |          |             |          | 0704        |          |              |          |
|               |             |          |             |          | 0710        |          |              |          |
|               |             |          |             |          | 0720        | 0722     |              |          |
|               |             |          |             |          | 0734        |          |              |          |

1985 年 7 月

JUL 1985

| 日   | 北 台  |      | 云 台  |    | 紫 台  |      | 乌鲁木齐 |      |
|-----|------|------|------|----|------|------|------|------|
|     | BEIJ |      | YUNN |    | PURP |      | WLMQ |      |
| 期   | 开始   | 结束   | 开始   | 结束 | 开始   | 结束   | 开始   | 结束   |
| Day | From | To   | From | To | From | To   | From | To   |
|     |      |      |      |    | 0740 |      |      |      |
|     |      |      |      |    | 0746 |      |      |      |
|     |      |      |      |    | 0752 | 0804 |      |      |
|     |      |      |      |    | 0812 | 0815 |      |      |
|     |      |      |      |    | 0822 | 0900 |      |      |
| 20  |      |      |      |    | 0042 | 0104 | 0127 | 0159 |
|     |      |      |      |    | 0113 | 0124 | 0857 | 0934 |
|     |      |      |      |    | 0453 | 0520 | 0943 | 1009 |
| 21  | 0035 | 0205 |      |    | 0018 | 0051 | 0233 | 0246 |
|     | 0610 | 0910 |      |    | 0134 | 0212 | 0309 | 0404 |
|     |      |      |      |    | 0223 |      | 0414 | 0434 |
|     |      |      |      |    | 0230 |      |      |      |
|     |      |      |      |    | 0240 | 0332 |      |      |
|     |      |      |      |    | 0401 | 0455 |      |      |
|     |      |      |      |    | 0507 | 0524 |      |      |
|     |      |      |      |    | 0530 | 0539 |      |      |
| 22  |      |      |      |    | 0049 | 0105 | 0145 | 0351 |
| 23  | 0620 | 0640 |      |    | 0118 |      | 0150 | 0228 |
|     |      |      |      |    | 0130 | 0133 | 0254 | 0329 |
|     |      |      |      |    | 0144 |      | 0848 | 0917 |
|     |      |      |      |    | 0150 | 0212 |      |      |
|     |      |      |      |    | 0224 | 0229 |      |      |
|     |      |      |      |    | 0301 | 0310 |      |      |
|     |      |      |      |    | 0317 | 0321 |      |      |
|     |      |      |      |    | 0402 | 0417 |      |      |
|     |      |      |      |    | 0428 | 0454 |      |      |
|     |      |      |      |    | 0649 | 0652 |      |      |
|     |      |      |      |    | 0702 |      |      |      |
| 24  | 2306 | 2400 |      |    | 0048 | 0103 | 0826 | 0922 |
|     |      |      |      |    |      |      | 0943 | 1003 |
|     |      |      |      |    |      |      | 1010 | 1014 |
| 25  | 0000 | 0530 |      |    |      |      |      |      |
| 27  | 0120 | 0520 |      |    |      |      | 0948 | 0951 |
|     | 0610 | 0650 |      |    |      |      | 1001 | 1101 |
| 28  |      |      |      |    |      |      | 0214 | 0216 |
|     |      |      |      |    |      |      | 0224 | 0400 |
| 29  |      |      |      |    | 0254 | 0319 | 1009 | 1037 |
|     |      |      |      |    | 0327 | 0331 | 1046 | 1058 |
|     |      |      |      |    | 0414 | 0440 |      |      |
|     |      |      |      |    | 0447 | 0524 |      |      |
|     |      |      |      |    | 0542 |      |      |      |

1985 年 7 月

JUL 1985

| 日<br>期<br>Day | 北 台<br>BEIJ |          | 云 台<br>YUNN |          | 紫 台<br>PURP |          | 乌鲁木齐<br>WLMQ |          |
|---------------|-------------|----------|-------------|----------|-------------|----------|--------------|----------|
|               | 开始<br>From  | 结束<br>To | 开始<br>From  | 结束<br>To | 开始<br>From  | 结束<br>To | 开始<br>From   | 结束<br>To |
|               |             |          |             |          | 0556        | 0559     |              |          |
|               |             |          |             |          | 0616        | 0649     |              |          |
|               |             |          |             |          | 0700        | 0741     |              |          |
|               |             |          |             |          | 0757        | 0802     |              |          |
|               |             |          |             |          | 0809        | 0900     |              |          |
| 30            | 2314        | 2400     |             |          | 0028        | 0031     | 0238         | 0246     |
|               |             |          |             |          | 0039        | 0048     |              |          |
|               |             |          |             |          | 0102        |          |              |          |
|               |             |          |             |          | 0118        |          |              |          |
|               |             |          |             |          | 0131        | 0133     |              |          |
|               |             |          |             |          | 0145        |          |              |          |
|               |             |          |             |          | 0201        | 0206     |              |          |
|               |             |          |             |          | 0238        |          |              |          |
|               |             |          |             |          | 0246        | 0250     |              |          |
|               |             |          |             |          | 0318        | 0326     |              |          |
|               |             |          |             |          | 0402        | 0412     |              |          |
|               |             |          |             |          | 0419        | 0429     |              |          |
|               |             |          |             |          | 0439        | 0444     |              |          |
|               |             |          |             |          | 0452        | 0506     |              |          |
|               |             |          |             |          | 0514        | 0605     |              |          |
|               |             |          |             |          | 0612        | 0714     |              |          |
|               |             |          |             |          | 0721        | 0748     |              |          |
|               |             |          |             |          | 0801        | 0902     |              |          |
| 31            | 0000        | 0510     |             |          |             |          | 0906         | 0958     |
|               | 0720        | 0830     |             |          |             |          |              |          |

# H $\alpha$ 耀斑巡视时间

## INTERVALS OF H-ALPHA FLARE PATROL OBSERVATION

1985年8月

AUG 1985

| H<br>期<br>Day | 北台<br>BEIJ |          | 云台<br>YUNN |          | 紫台<br>PURP |          | 乌鲁木齐<br>WLMQ |          |
|---------------|------------|----------|------------|----------|------------|----------|--------------|----------|
|               | 开始<br>From | 结束<br>To | 开始<br>From | 结束<br>To | 开始<br>From | 结束<br>To | 开始<br>From   | 结束<br>To |
| 1             | 0735       | 0915     |            |          | 0636       | 0643     | 0253         | 0406     |
|               | 2335       | 2400     |            |          | 0656       | 0718     | 0944         | 0948     |
|               |            |          |            |          | 0755       | 0843     |              |          |
| 2             | 0000       | 0330     |            |          | 0026       | 0211     | 0909         | 1024     |
|               | 0500       | 0600     |            |          | 0223       |          |              |          |
|               | 2310       | 2400     |            |          | 0230       | 0232     |              |          |
|               |            |          |            |          | 0239       |          |              |          |
|               |            |          |            |          | 0247       | 0300     |              |          |
|               |            |          |            |          | 0312       | 0313     |              |          |
|               |            |          |            |          | 0336       |          |              |          |
|               |            |          |            |          | 0424       |          |              |          |
|               |            |          |            |          | 0430       | 0441     |              |          |
|               |            |          |            |          | 0500       |          |              |          |
|               |            |          |            |          | 0524       | 0529     |              |          |
|               |            |          |            |          | 0540       | 0551     |              |          |
|               |            |          |            |          | 0558       | 0605     |              |          |
|               |            |          |            |          | 0728       | 0732     |              |          |
| 3             | 0000       | 0015     |            |          | 0034       | 0113     |              |          |
|               | 0235       | 0314     |            |          | 0121       |          |              |          |
|               | 0323       | 0730     |            |          | 0131       | 0330     |              |          |
|               |            |          |            |          | 0406       | 0432     |              |          |
|               |            |          |            |          | 0443       | 0626     |              |          |
|               |            |          |            |          | 0638       | 0719     |              |          |
|               |            |          |            |          | 0728       | 0756     |              |          |
| 4             | 0010       | 0556     |            |          | 0014       | 0030     | 0948         | 1104     |
|               | 0612       | 0858     |            |          | 0036       |          |              |          |
|               | 0908       | 1015     |            |          | 0048       |          |              |          |
|               |            |          |            |          | 0057       |          |              |          |
|               |            |          |            |          | 0122       |          |              |          |
|               |            |          |            |          | 0133       |          |              |          |
|               |            |          |            |          | 0157       |          |              |          |
|               |            |          |            |          | 0204       |          |              |          |
|               |            |          |            |          | 0225       |          |              |          |
|               |            |          |            |          | 0242       |          |              |          |
|               |            |          |            |          | 0300       |          |              |          |
|               |            |          |            |          | 0325       | 0328     |              |          |
|               |            |          |            |          | 0338       | 0344     |              |          |
|               |            |          |            |          | 0354       | 0355     |              |          |
|               |            |          |            |          | 0424       | 0428     |              |          |
|               |            |          |            |          | 0436       |          |              |          |
|               |            |          |            |          | 0451       | 0503     |              |          |
|               |            |          |            |          | 0521       | 0522     |              |          |
|               |            |          |            |          | 0532       |          |              |          |
|               |            |          |            |          | 0539       | 0541     |              |          |

1985 年 8 月

AUG 1985

| 日<br>期<br>Day | 北 台<br>BEIJ |          | 云 台<br>YUNN |          | 紫 台<br>PURP |          | 乌鲁木齐<br>WLMQ |          |
|---------------|-------------|----------|-------------|----------|-------------|----------|--------------|----------|
|               | 开始<br>From  | 结束<br>To | 开始<br>From  | 结束<br>To | 开始<br>From  | 结束<br>To | 开始<br>From   | 结束<br>To |
|               |             |          |             |          | 0548        | 0552     |              |          |
|               |             |          |             |          | 0603        | 0609     |              |          |
|               |             |          |             |          | 0621        | 0622     |              |          |
|               |             |          |             |          | 0634        |          |              |          |
|               |             |          |             |          | 0643        |          |              |          |
|               |             |          |             |          | 0650        |          |              |          |
|               |             |          |             |          | 0700        |          |              |          |
|               |             |          |             |          | 0708        | 0710     |              |          |
|               |             |          |             |          | 0718        |          |              |          |
|               |             |          |             |          | 0728        |          |              |          |
|               |             |          |             |          | 0739        |          |              |          |
|               |             |          |             |          | 0752        |          |              |          |
|               |             |          |             |          | 0758        |          |              |          |
|               |             |          |             |          | 0810        |          |              |          |
|               |             |          |             |          | 0818        |          |              |          |
|               |             |          |             |          | 0828        |          |              |          |
|               |             |          |             |          | 0834        |          |              |          |
| 5             |             |          |             |          | 0100        | 0108     | 0121         | 0151     |
|               |             |          |             |          | 0117        |          | 0201         | 0411     |
|               |             |          |             |          | 0126        |          | 0923         | 1018     |
|               |             |          |             |          | 0137        | 0157     | 1033         | 1128     |
|               |             |          |             |          | 0205        | 0209     |              |          |
|               |             |          |             |          | 0221        |          |              |          |
|               |             |          |             |          | 0230        | 0251     |              |          |
|               |             |          |             |          | 0258        | 0306     |              |          |
|               |             |          |             |          | 0314        | 0315     |              |          |
|               |             |          |             |          | 0326        | 0329     |              |          |
|               |             |          |             |          | 0645        | 0646     |              |          |
|               |             |          |             |          | 0654        | 0655     |              |          |
|               |             |          |             |          | 0707        |          |              |          |
|               |             |          |             |          | 0715        |          |              |          |
|               |             |          |             |          | 0723        | 0724     |              |          |
|               |             |          |             |          | 0730        | 0731     |              |          |
|               |             |          |             |          | 0741        |          |              |          |
|               |             |          |             |          | 0751        |          |              |          |
|               |             |          |             |          | 0835        | 0838     |              |          |
|               |             |          |             |          | 0847        |          |              |          |
|               |             |          |             |          | 0857        |          |              |          |
| 6             | 0043        | 0048     |             |          | 0041        | 0048     | 0223         | 0359     |
|               | 0400        | 0412     |             |          | 0056        | 0109     | 0506         | 0547     |
|               | 0429        | 0435     |             |          | 0121        |          | 1003         | 1115     |
|               | 0443        | 0456     |             |          | 0128        |          |              |          |
|               | 0510        | 0515     |             |          | 0134        |          |              |          |
|               | 0624        | 0645     |             |          | 0141        |          |              |          |
|               | 0728        | 0731     |             |          | 0200        |          |              |          |
|               | 0740        | 0755     |             |          | 0223        | 0224     |              |          |
|               | 0800        | 0812     |             |          | 0236        |          |              |          |
|               | 0853        | 0906     |             |          | 0306        | 0309     |              |          |

1985 年 8 月

AUG 1985

| 期<br>Day | 北 台<br>BEIJ |          | 云 台<br>YUNN |          | 紫 台<br>PURP |          | 乌鲁木齐<br>WLMQ |          |
|----------|-------------|----------|-------------|----------|-------------|----------|--------------|----------|
|          | 开始<br>From  | 结束<br>To | 开始<br>From  | 结束<br>To | 开始<br>From  | 结束<br>To | 开始<br>From   | 结束<br>To |
|          | 2312        | 2328     |             |          | 0721        | 0726     |              |          |
|          | 2349        | 2400     |             |          | 0736        |          |              |          |
|          |             |          |             |          | 0744        | 0747     |              |          |
|          |             |          |             |          | 0830        |          |              |          |
|          |             |          |             |          | 0837        |          |              |          |
|          |             |          |             |          | 0846        |          |              |          |
|          |             |          |             |          | 0859        |          |              |          |
| 7        | 0000        | 0940     |             |          | 0034        | 0035     | 1011         | 1017     |
|          |             |          |             |          | 0042        | 0044     | 1040         | 1054     |
|          |             |          |             |          | 0051        | 0114     |              |          |
|          |             |          |             |          | 0132        | 0133     |              |          |
|          |             |          |             |          | 0141        |          |              |          |
|          |             |          |             |          | 0150        |          |              |          |
|          |             |          |             |          | 0156        | 0230     |              |          |
|          |             |          |             |          | 0246        | 0249     |              |          |
|          |             |          |             |          | 0257        | 0314     |              |          |
|          |             |          |             |          | 0321        | 0332     |              |          |
|          |             |          |             |          | 0640        | 0714     |              |          |
|          |             |          |             |          | 0722        | 0732     |              |          |
|          |             |          |             |          | 0741        |          |              |          |
|          |             |          |             |          | 0749        | 0817     |              |          |
|          |             |          |             |          | 0828        | 0843     |              |          |
|          |             |          |             |          | 0851        | 0903     |              |          |
| 8        | 0030        | 0240     |             |          | 0053        | 0112     |              |          |
|          | 0400        | 0740     |             |          | 0121        |          |              |          |
|          | 0937        | 0955     |             |          | 0135        | 0137     |              |          |
|          |             |          |             |          | 0146        |          |              |          |
|          |             |          |             |          | 0201        | 0233     |              |          |
|          |             |          |             |          | 0240        | 0304     |              |          |
|          |             |          |             |          | 0313        | 0322     |              |          |
|          |             |          |             |          | 0330        |          |              |          |
| 9        | 0004        | 0238     |             |          |             |          |              |          |
|          | 0242        | 0900     |             |          |             |          |              |          |
| 10       | 0030        | 0150     |             |          | 0815        | 0830     |              |          |
|          | 0535        | 0635     |             |          |             |          |              |          |
| 11       |             |          |             |          | 0013        | 0034     |              |          |
|          |             |          |             |          | 0040        | 0213     |              |          |
|          |             |          |             |          | 0221        | 0230     |              |          |
|          |             |          |             |          | 0236        | 0249     |              |          |
|          |             |          |             |          | 0256        | 0320     |              |          |
|          |             |          |             |          | 0542        | 0547     |              |          |
|          |             |          |             |          | 0557        |          |              |          |
|          |             |          |             |          | 0604        |          |              |          |
|          |             |          |             |          | 0624        |          |              |          |
|          |             |          |             |          | 0649        |          |              |          |

1985 年 8 月

AUG 1985

| 日<br>期<br>Day | 北 台<br>BEIJ |          | 云 台<br>YUNN |          | 紫 台<br>PURP |          | 乌鲁木齐<br>WLMQ |          |
|---------------|-------------|----------|-------------|----------|-------------|----------|--------------|----------|
|               | 开始<br>From  | 结束<br>To | 开始<br>From  | 结束<br>To | 开始<br>From  | 结束<br>To | 开始<br>From   | 结束<br>To |
|               |             |          |             |          | 0712        | 0713     |              |          |
|               |             |          |             |          | 0726        |          |              |          |
|               |             |          |             |          | 0749        |          |              |          |
|               |             |          |             |          | 0759        |          |              |          |
|               |             |          |             |          | 0805        |          |              |          |
|               |             |          |             |          | 0814        |          |              |          |
|               |             |          |             |          | 0825        |          |              |          |
|               |             |          |             |          | 0831        |          |              |          |
|               |             |          |             |          | 0840        |          |              |          |
| 12            |             |          |             |          | 0049        | 0050     | 0254         | 0338     |
|               |             |          |             |          | 0102        | 0106     | 0401         | 0436     |
|               |             |          |             |          | 0116        | 0131     |              |          |
|               |             |          |             |          | 0137        | 0152     |              |          |
|               |             |          |             |          | 0201        |          |              |          |
|               |             |          |             |          | 0209        | 0233     |              |          |
|               |             |          |             |          | 0239        |          |              |          |
|               |             |          |             |          | 0246        | 0251     |              |          |
|               |             |          |             |          | 0258        | 0300     |              |          |
|               |             |          |             |          | 0307        | 0315     |              |          |
|               |             |          |             |          | 0324        |          |              |          |
|               |             |          |             |          | 0426        |          |              |          |
|               |             |          |             |          | 0431        |          |              |          |
|               |             |          |             |          | 0651        | 0711     |              |          |
|               |             |          |             |          | 0722        | 0723     |              |          |
|               |             |          |             |          | 0730        | 0734     |              |          |
|               |             |          |             |          | 0749        | 0752     |              |          |
|               |             |          |             |          | 0809        | 0810     |              |          |
|               |             |          |             |          | 0827        | 0828     |              |          |
| 13            |             |          |             |          | 0109        | 0113     | 0226         | 0231     |
|               |             |          |             |          | 0121        |          |              |          |
|               |             |          |             |          | 0132        |          |              |          |
|               |             |          |             |          | 0154        |          |              |          |
|               |             |          |             |          | 0208        | 0209     |              |          |
|               |             |          |             |          | 0221        | 0225     |              |          |
|               |             |          |             |          | 0237        | 0242     |              |          |
| 14            | 0200        | 0815     |             |          |             |          | 0154         | 0235     |
|               |             |          |             |          |             |          | 0255         | 0337     |
|               |             |          |             |          |             |          | 0355         | 0406     |
| 15            |             |          |             |          | 0308        | 0309     |              |          |
| 16            |             |          |             |          |             |          | 0221         | 0229     |
|               |             |          |             |          |             |          | 0254         | 0334     |
|               |             |          |             |          |             |          | 0354         | 0429     |
| 18            | 0400        | 0430     |             |          |             |          | 0218         | 0235     |
|               | 0500        | 0820     |             |          |             |          | 0327         | 0335     |

1985年 8 月

AUG 1985

| 日        | 北 台<br>BEIJ                  |                              | 云 台<br>YUNN |          | 紫 台<br>PURP                                                                                                                          |                      | 乌鲁木齐<br>WLMQ         |                      |
|----------|------------------------------|------------------------------|-------------|----------|--------------------------------------------------------------------------------------------------------------------------------------|----------------------|----------------------|----------------------|
| 期<br>Day | 开始<br>From                   | 结束<br>To                     | 开始<br>From  | 结束<br>To | 开始<br>From                                                                                                                           | 结束<br>To             | 开始<br>From           | 结束<br>To             |
|          | 2310                         | 2400                         |             |          |                                                                                                                                      |                      |                      |                      |
| 19       | 0000<br>0120                 | 0030<br>0755                 |             |          |                                                                                                                                      |                      | 0255<br>0315         | 0303<br>0335         |
| 20       | 0213<br>0448<br>0514<br>0525 | 0425<br>0458<br>0520<br>0555 |             |          | 0232<br>0255<br>0304<br>0330<br>0356<br>0402                                                                                         | 0244                 | 0803                 | 0814                 |
| 21       | 0550                         | 0815                         |             |          |                                                                                                                                      |                      |                      |                      |
| 22       |                              |                              |             |          | 0124<br>0659                                                                                                                         | 0129<br>0844         |                      |                      |
| 24       |                              |                              |             |          | 0441<br>0508<br>0520<br>0526<br>0533<br>0817<br>0836                                                                                 | 0456<br>0514         | 0303<br>0917         | 0308<br>0927         |
| 25       |                              |                              |             |          | 0044<br>0106<br>0134<br>0141<br>0427<br>0439<br>0451<br>0459<br>0520<br>0534<br>0553<br>0611<br>0629<br>0639<br>0649<br>0657<br>0706 | 0046<br>0112         | 0230<br>0406         | 0243<br>0431         |
| 26       |                              |                              |             |          | 0052<br>0058<br>0132<br>0156<br>0225<br>0232<br>0248                                                                                 | 0119<br>0149<br>0209 | 0146<br>0225<br>0314 | 0209<br>0258<br>0334 |

1985 年 8 月

AUG 1985

| 日<br>期<br>Day | 北 台<br>BEIJ |          | 云 台<br>YUNN |          | 紫 台<br>PURP |          | 乌鲁木齐<br>WLMQ |          |
|---------------|-------------|----------|-------------|----------|-------------|----------|--------------|----------|
|               | 开始<br>From  | 结束<br>To | 开始<br>From  | 结束<br>To | 开始<br>From  | 结束<br>To | 开始<br>From   | 结束<br>To |
|               |             |          |             |          | 0318        | 0324     |              |          |
|               |             |          |             |          | 0713        | 0856     |              |          |
| 27            | 2240        | 2400     |             |          | 0026        | 0031     | 0259         | 0306     |
|               |             |          |             |          | 0039        | 0100     | 0318         | 0354     |
|               |             |          |             |          | 0109        |          | 0434         | 0446     |
|               |             |          |             |          | 0117        |          |              |          |
|               |             |          |             |          | 0126        |          |              |          |
|               |             |          |             |          | 0136        |          |              |          |
|               |             |          |             |          | 0144        |          |              |          |
|               |             |          |             |          | 0153        |          |              |          |
|               |             |          |             |          | 0202        |          |              |          |
|               |             |          |             |          | 0211        | 0215     |              |          |
|               |             |          |             |          | 0227        |          |              |          |
|               |             |          |             |          | 0248        |          |              |          |
|               |             |          |             |          | 0310        |          |              |          |
|               |             |          |             |          | 0727        | 0728     |              |          |
|               |             |          |             |          | 0734        |          |              |          |
|               |             |          |             |          | 0741        |          |              |          |
|               |             |          |             |          | 0801        | 0811     |              |          |
|               |             |          |             |          | 0821        |          |              |          |
|               |             |          |             |          | 0832        | 0835     |              |          |
| 28            | 0000        | 0030     |             |          | 0039        | 0047     | 0237         | 0245     |
|               | 0245        | 0315     |             |          | 0056        |          | 0300         | 0310     |
|               | 0400        | 0810     |             |          | 0103        | 0113     |              |          |
|               |             |          |             |          | 0148        | 0149     |              |          |
|               |             |          |             |          | 0214        |          |              |          |
|               |             |          |             |          | 0223        |          |              |          |
|               |             |          |             |          | 0231        |          |              |          |
|               |             |          |             |          | 0238        |          |              |          |
|               |             |          |             |          | 0246        |          |              |          |
|               |             |          |             |          | 0255        |          |              |          |
|               |             |          |             |          | 0304        |          |              |          |
|               |             |          |             |          | 0644        | 0649     |              |          |
|               |             |          |             |          | 0714        | 0737     |              |          |
|               |             |          |             |          | 0746        |          |              |          |
|               |             |          |             |          | 0754        |          |              |          |
|               |             |          |             |          | 0811        |          |              |          |
|               |             |          |             |          | 0820        |          |              |          |
|               |             |          |             |          | 0828        |          |              |          |
|               |             |          |             |          | 0834        | 0856     |              |          |
| 29            | 0051        | 0155     |             |          | 0050        | 0140     | 0215         | 0228     |
|               | 0445        | 0730     |             |          | 0148        | 0201     | 0254         | 0318     |
|               | 2335        | 2400     |             |          | 0211        | 0235     |              |          |
|               |             |          |             |          | 0657        | 0759     |              |          |
|               |             |          |             |          | 0809        |          |              |          |
|               |             |          |             |          | 0820        | 0854     |              |          |
| 30            | 0000        | 0030     |             |          | 0129        |          | 0043         | 0107     |

1985 年 8 月

AUG 1985

| 日<br>期<br>Day | 北 台<br>BEIJ |          | 云 台<br>YUNN |          | 紫 台<br>PURP |          | 乌鲁木齐<br>WLMQ |          |
|---------------|-------------|----------|-------------|----------|-------------|----------|--------------|----------|
|               | 开始<br>From  | 结束<br>To | 开始<br>From  | 结束<br>To | 开始<br>From  | 结束<br>To | 开始<br>From   | 结束<br>To |
|               | 0330        | 0400     |             |          | 0137        | 0140     |              |          |
|               |             |          |             |          | 0214        | 0217     |              |          |
|               |             |          |             |          | 0227        |          |              |          |
|               |             |          |             |          | 0235        |          |              |          |
|               |             |          |             |          | 0317        | 0318     |              |          |
|               |             |          |             |          | 0708        |          |              |          |
|               |             |          |             |          | 0759        | 0826     |              |          |
|               |             |          |             |          | 0838        | 0846     |              |          |
| 31            |             |          |             |          | 0133        | 0138     |              |          |
|               |             |          |             |          | 0151        | 0206     |              |          |
|               |             |          |             |          | 0214        | 0221     |              |          |

太阳射电辐射流量  
SOLAR RADIO EMISSION FLUX

| 1985 年 7 月 |      | JUL 1985 |      |      |      |
|------------|------|----------|------|------|------|
| 日 期        | 北 台  | 紫 台      | 紫 台  | 云 台  | 北 台  |
| Day        | BEIJ | PURP     | PURP | YUNN | BEIJ |
|            | 9395 | 9375     | 3000 | 2902 | 2810 |
| 1          | 262  | 826      | 150  | 97   | 76   |
| 2          | 262  | 823      | 140  | 98   | 77   |
| 3          | 275  | 794      |      | 102  | 80   |
| 4          | 269  | 760      |      | 100  | 83   |
| 5          | 264  | 846      | 661  | 101  | 85   |
| 6          | 263  | 857      | 167  | 104  | 90   |
| 7          | 268  | 843      |      | 109  | 95   |
| 8          | 287  |          |      | 106  | 102  |
| 9          | 289  | 920      | 205  | 119  | 121  |
| 10         | 283  | 883      | 200  | 118  | 112  |
| 11         | 288  | 903      |      | 116  | 112  |
| 12         | 283  | 895      | 171  | 119  | 102  |
| 13         | 264  | 882      | 145  | 106  | 88   |
| 14         | 268  | 834      |      | 99   | 84   |
| 15         | 256  | 837      |      | 94   | 74   |
| 16         | 265  | 835      |      | 95   | 74   |
| 17         | 264  | 744      |      | 93   | 74   |
| 18         | 263  | 819      | 169  | 96   | 71   |
| 19         | 263  | 825      | 166  | 96   | 70   |
| 20         | 264  | 832      | 165  | 92   | 72   |
| 21         | 264  | 830      | 165  | 96   | 72   |
| 22         | 261  | 825      | 160  | 96   | 71   |
| 23         | 266  | 826      | 162  | 90   | 71   |
| 24         | 263  | 821      | 163  | 91   | 72   |
| 25         | 261  |          | 166  | 92   | 74   |
| 26         | 270  | 820      | 170  | 96   | 79   |
| 27         | 268  | 826      | 174  | 97   | 80   |
| 28         | 267  | 818      | 173  | 98   | 81   |
| 29         | 268  | 795      | 179  | 99   | 84   |
| 30         | 272  | 840      | 182  | 102  | 85   |
| 31         | 272  | 844      | 182  | 100  | 88   |

太阳射电辐射流量  
SOLAR RADIO EMISSION FLUX

| 1985 年 8 月    |                     |                     |                     |                     | AUG 1985            |
|---------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| 日<br>期<br>Day | 北 台<br>BEIJ<br>9395 | 紫 台<br>PURP<br>9375 | 紫 台<br>PURP<br>3000 | 云 台<br>YUNN<br>2902 | 北 台<br>BEIJ<br>2810 |
| 1             | 273                 |                     | 176                 | 99                  | 84                  |
| 2             | 271                 | 838                 | 169                 | 98                  | 81                  |
| 3             | 265                 | 830                 | 178                 | 98                  | 81                  |
| 4             | 268                 | 820                 | 172                 | 98                  | 80                  |
| 5             | 269                 | 837                 | 154                 | 119                 | 81                  |
| 6             | 270                 | 850                 | 152                 | 120                 | 80                  |
| 7             | 266                 | 830                 | 150                 | 104                 | 80                  |
| 8             | 267                 | 829                 | 154                 | 101                 | 81                  |
| 9             | 265                 | 846                 | 173                 | 102                 | 78                  |
| 10            | 267                 | 827                 | 144                 | 102                 | 73                  |
| 11            | 264                 | 829                 | 165                 | 86                  | 72                  |
| 12            | 257                 | 834                 | 155                 | 89                  | 68                  |
| 13            | 259                 | 829                 | 157                 | 88                  | 71                  |
| 14            | 261                 | 823                 | 151                 | 88                  | 69                  |
| 15            | 263                 | 817                 | 140                 | 88                  | 68                  |
| 16            | 265                 | 825                 | 163                 | 89                  | 69                  |
| 17            | 264                 | 811                 | 158                 | 89                  | 68                  |
| 18            | 265                 | 822                 | 156                 | 89                  | 68                  |
| 19            | 265                 | 723                 | 151                 | 89                  | 69                  |
| 20            | 264                 | 840                 | 145                 | 89                  | 69                  |
| 21            |                     | 825                 | 158                 | 90                  | 70                  |
| 22            | 269                 | 819                 | 157                 | 91                  | 71                  |
| 23            | 264                 | 793                 | 156                 | 93                  | 73                  |
| 24            | 262                 | 820                 | 156                 | 90                  | 72                  |
| 25            | 263                 | 821                 | 139                 | 91                  | 71                  |
| 26            | 268                 | 819                 | 159                 | 92                  | 72                  |
| 27            | 284                 | 824                 | 159                 | 101                 | 72                  |
| 28            | 263                 | 820                 | 165                 | 100                 | 73                  |
| 29            | 267                 | 816                 | 162                 | 100                 | 74                  |
| 30            | 266                 | 835                 | 166                 | 100                 | 73                  |
| 31            | 262                 | 820                 | 168                 | 97                  | 74                  |

# 太阳射电辐射显著事件 SOLAR RADIO EMISSION OUTSTANDING OCCURRENCES

1985 年 7 月

JUL 1985

| 日<br>期<br>Day | 频<br>率<br>Freq | 台<br>站<br>Sta | 开<br>始<br>Start<br>(UT) | 极<br>大<br>Max<br>(UT) | 持<br>续<br>Dura-<br>tion | 型<br>别<br>Type | 流量密度               |                       |             |
|---------------|----------------|---------------|-------------------------|-----------------------|-------------------------|----------------|--------------------|-----------------------|-------------|
|               |                |               |                         |                       |                         |                | Flux<br>峰值<br>Peak | Density<br>相对值<br>Rel | 平均值<br>Mean |
| 3             | 2840           | BEIJ          | 0248                    | 0250.2                | 9                       | 1S             | 4.7                |                       | 2.2         |
| 4             | 2840           | BEIJ          | 0604                    | 0604.9                | 9                       | 1S             | 5.7                |                       | 2.9         |
| 9             | 9395           | BEIJ          | 0045                    | 0045.7                | 9                       | 45C            | 21.0               |                       | 12.3        |
|               | 9395           | BEIJ          | 0129                    |                       | 11                      | 28PRE          | 24.3               |                       | 11.2        |
|               | 9395           | BEIJ          | 0141                    | 0141.7                | 4                       | 45C            | 16.2               |                       | 6.8         |
|               | 9395           | BEIJ          | 0146                    | 0158                  | 23                      | 46C            | 204.0              |                       | 132.0       |
|               | 2840           | BEIJ          | 0125                    | 0158                  | 54                      | 46C            | 223.0              |                       | 114.5       |
|               | 2840           | BEIJ          | 0219                    |                       | 70                      | 29PBI          | 14.0               |                       | 4.2         |
|               | 9375           | PURP          | 0148.0                  | 0158.0                | 34.0                    | 46C            | 491                | 49.2                  |             |
|               | 3000           | PURP          | 0148.0                  | 0158.0                | 34.0                    | 46C            | 745                | 296.5                 |             |
|               | 2902           | YUNN          | 0129.1                  | 0158.1                | 48.2                    | 47GB           | 889                |                       |             |
|               | 2902           | YUNN          | 0217.3                  |                       | 88.5                    | 29PBI          | 20                 |                       |             |
| 10            | 2840           | BEIJ          | 0521                    | 0557                  | 39                      | 20GRF          | 9.3                | 7.4                   | 3.1         |
|               | 9395           | BEIJ          | 1023                    | 1023.3                | 1                       | 8S             | 34.4               |                       | 12.2        |
|               | 2840           | BEIJ          | 1023                    | 1023.3                | 1                       | 1S             | 5.6                |                       | 2.1         |
| 12            | 9395           | BEIJ          | 0500                    | 0501.5                | 2                       | 3S             | 24.1               |                       | 10.2        |
|               | 9395           | BEIJ          | 0500                    | 0527.6                | 60                      | 21GRF          | 21.1               |                       | 12.2        |
|               | 2840           | BEIJ          | 0458                    | 0527.9                | 40                      | 46C            | 23.6               |                       | 11.2        |
|               | 2840           | BEIJ          | 0538                    |                       | 32                      | 29PBI          | 6.8                |                       | 3.2         |
|               | 2902           | YUNN          | 0520.2                  | 0528.7                | 16.8                    | 45C            | 18                 |                       |             |
|               | 9395           | BEIJ          | 0614                    | 0615.6                | 6                       | 3S             | 126.0              |                       | 57.0        |
|               | 9375           | PURP          | 0614.0                  | 0615.7                | 7.0                     | 3S             | 306                | 33.0                  |             |
| 13            | 9395           | BEIJ          | 0142                    | 0143.4                | 2                       | 3S             | 22.7               |                       | 10.9        |
|               | 2840           | BEIJ          | 0143                    | 0143.8                | 2                       | 1S             | 6.1                |                       | 3.2         |
|               | 9395           | BEIJ          | 0601                    | 0601.5                | 3                       | 3S             | 29.7               |                       | 17.3        |
|               | 2840           | BEIJ          | 0601                    | 0602.5                | 3                       | 1S             | 1.8                |                       | 0.7         |
|               | 9395           | BEIJ          | 0654                    | 0657                  | 9                       | 3S             | 32.7               |                       | 14.3        |
|               | 2840           | BEIJ          | 0656                    | 0656.8                | 4                       | 1S             | 3.6                |                       | 2.1         |
| 14            | 9395           | BEIJ          | 0643                    | 0646.6                | 5                       | 3S             | 24.4               |                       | 10.2        |
| 26            | 3000           | PURP          | 0314.4                  | 0318.0                | 10.6                    | 7C             | 171                | 6.1                   |             |
| 27            | 3000           | PURP          | 0332.0                  | 0333.6                | 8.0                     | 1S             | 8                  | 4.9                   |             |
|               | 3000           | PRUP          | 0340.0                  | 0343.0                | 11.0                    | 20GRF          | 13                 | 7.8                   |             |
|               | 3000           | PURP          | 0427.0                  | 0428.7                | 8.0                     | 7C             | 12                 | 7.0                   |             |
|               | 9375           | PURP          | 0639.0                  | 0640.3                | 5.0                     | 5S             | 537                | 64.8                  |             |
| 28            | 3000           | PURP          | 0126.0                  | 0126.7                | 8.0                     | 1S             | 9                  | 5.4                   |             |
|               | 3000           | PURP          | 0226.0                  | 0233.8                | 17.0                    | 40F            | 16                 | 9.6                   |             |
| 29            | 2840           | BEIJ          | 0606                    | 0607.1                | 4                       | 1S             | 6.6                |                       | 2.4         |
| 31            | 2840           | BEIJ          | 0641                    | 0642.3                | 4                       | 1S             | 3.7                |                       | 1.4         |

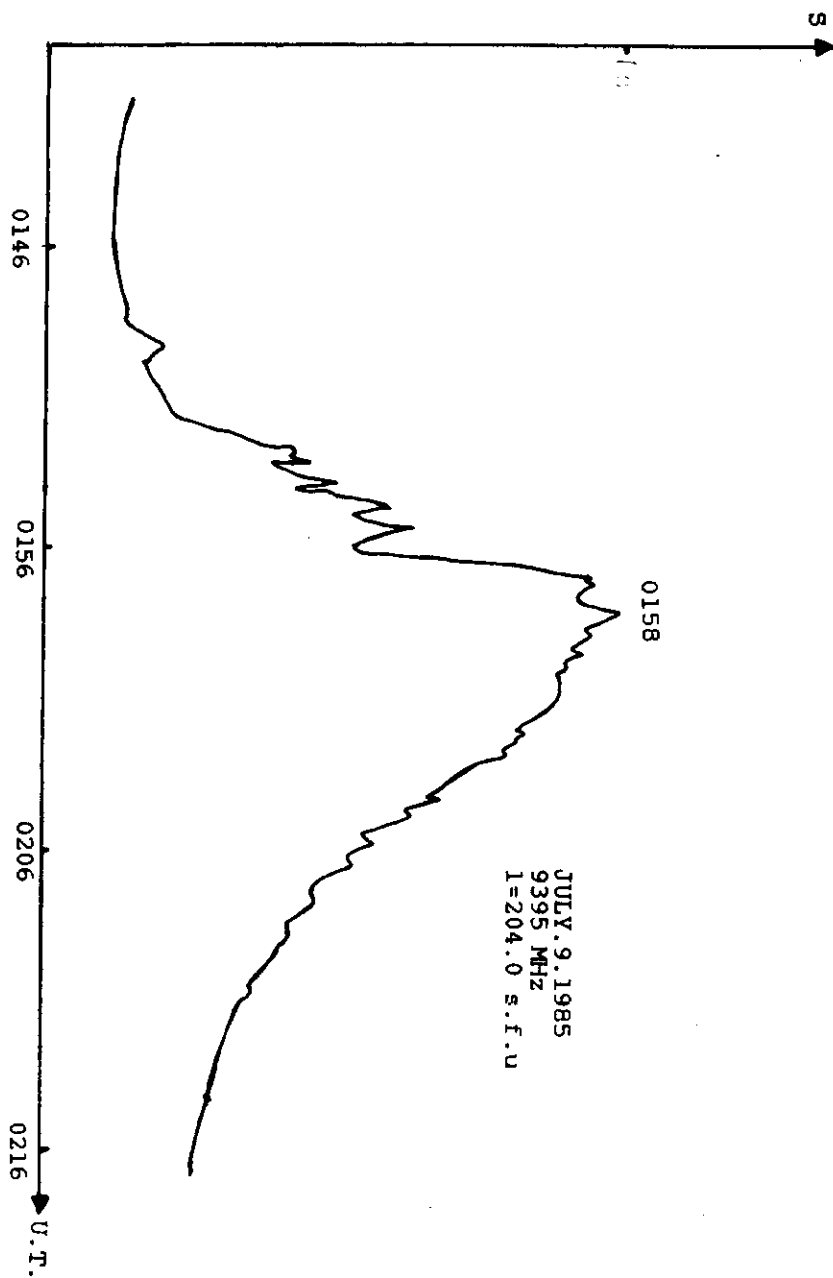
太阳射电辐射显著事件  
SOLAR RADIO EMISSION OUTSTANDING OCCURRENCES

1985 年 8 月

AUG 1985

| 日<br>期<br>Day | 频<br>率<br>Freq | 台<br>站<br>Sta | 开<br>始<br>Start<br>(UT) | 极<br>大<br>Max<br>(UT) | 持<br>续<br>Dura-<br>tion | 型<br>别<br>Type | 流量密度               |                       |             |
|---------------|----------------|---------------|-------------------------|-----------------------|-------------------------|----------------|--------------------|-----------------------|-------------|
|               |                |               |                         |                       |                         |                | Flux<br>峰值<br>Peak | Density<br>相对值<br>Rel | 平均值<br>Mean |
| 7             | 9375           | PURP          | 0834.7                  | 0834.9                | 0.8                     | 8S             | 4265 D             | 514 D                 |             |
| 8             | 9395           | BEIJ          | 0742                    | 0745.3                | 5                       | 45C            | 14.5               |                       | 8.4         |
|               | 2840           | BEIJ          | 0741                    | 0745.4                | 11                      | 45C            | 20.0               |                       | 9.8         |
|               | 2902           | YUNN          | 0741.9 U                | 0746.4 U              | 8.8                     | 45C            | 33                 |                       |             |
| 9             | 2840           | BEIJ          | 0022                    | 0023.4                | 4                       | 1S             | 8.9                |                       | 4.3         |
| 18            | 3000           | PURP          | 0629.4                  | 0630.7                | 2.8                     | 1S             | 46                 | 29.4                  |             |

太阳射电辐射显著事件图  
 PROFILES OF SOLAR RADIO EMISSION  
 OUTSTANDING OCCURRENCES



# 太阳射电辐射巡视时间 INTERVALS OF SOLAR RADIO EMISSION PATROL OBSERVATION

1985年7月 JUL 1985

| 站   | 北台   | 紫台   | 紫台   | 紫台   | 云台   | 北台  |
|-----|------|------|------|------|------|-----|
| 期   | BEI  | PURP | PURP | PURP | YUNN | BEI |
| Day | 9395 | 9375 | 3000 | 2902 | 2810 |     |

|    |           |           |           |           |           |           |
|----|-----------|-----------|-----------|-----------|-----------|-----------|
| 1  | 0000-0400 | 0104-0904 | 0105-0905 | 0145-0800 | 0000-0300 | 0315-0820 |
| 2  | 0215-0440 | 0105-0807 | 0046-0807 | 0145-0800 | 0215-0400 | 0420-0822 |
| 3  | 0035-0300 | 0136-0732 |           | 0140-0800 | 0035-0330 | 0455-0930 |
| 4  | 0035-0350 | 0135-0842 |           | 0140-0800 | 0030-0320 | 0350-0820 |
| 5  | 0025-0300 | 0330-0845 | 0330-0845 | 0150-0800 | 0025-0330 | 0405-0755 |
| 6  | 0042-0321 | 0110-0820 | 0110-0650 | 0220-0800 | 0033-0300 | 0320-0527 |
|    | 0400-1002 |           |           |           | 2218-2400 |           |
| 7  | 0000-0245 | 0040-0800 |           | 0200-0715 | 0000-0335 | 0400-0920 |
|    | 0320-0920 |           |           |           | 0312-0322 | 0342-1027 |
| 8  | 0054-0325 |           |           | 0124-0930 | 2256-2400 |           |
|    | 0352-1050 |           |           |           | 0000-0336 | 0400-0845 |
| 9  | 0000-0530 | 0024-0900 | 0024-0900 | 0030-1000 | 0000-0336 | 0400-0845 |
|    | 0555-0845 |           |           |           | 0035-0335 | 0349-1032 |
| 10 | 0042-0256 | 0021-0900 | 0020-0900 | 0032-1025 | 0035-0335 | 0349-1032 |
|    | 0332-1032 |           |           |           | 0036-0342 | 0405-1030 |
| 11 | 0042-0303 | 0014-0900 | 0015-0345 | 0040-1033 | 0036-0333 | 0355-0750 |
|    | 0340-1033 | 2304-2400 | 2328-2400 |           | 0032-1040 |           |
| 12 | 0130-0300 | 0000-0900 | 0000-0900 |           | 0036-0333 | 0355-0750 |
|    | 0331-0750 |           |           |           | 0035-0300 | 0317-0750 |
| 13 | 0038-0320 | 0023-0900 | 0023-0442 | 0130-0906 | 0035-0300 | 0317-0750 |
|    | 0340-0750 |           |           |           | 0027-0250 | 0310-1027 |
| 14 | 0035-0310 | 0017-0810 |           | 0055-0914 | 0104-0440 | 0445-0740 |
|    | 0340-1107 |           |           |           | 0031-0420 | 0445-0750 |
| 15 | 0104-0425 | 0036-0909 |           | 0126-0947 | 0010-0900 |           |
|    | 0435-0740 |           |           |           |           |           |
| 16 | 0033-0450 | 0230-0831 |           |           |           |           |
|    | 0520-0750 |           |           |           |           |           |

| 11 | 附         | Day       | 1985年7月   | JUL 1985  |
|----|-----------|-----------|-----------|-----------|
| 北台 | BEI       | 2810      |           |           |
| 紫台 | PLRP      | 9375      |           |           |
| 紫台 | PLRP      | 3000      |           |           |
| 公台 | YINN      | 2902      |           |           |
| 北台 | BEI       | 2810      |           |           |
| 17 | 0039-0255 | 0041-0900 | 0106-0800 | 0035-0345 |
| 18 | 0042-0630 | 0015-0907 | 0242-0907 | 0055-0842 |
| 19 | 0041-0320 | 0031-0902 | 0052-0905 | 0020-0951 |
| 20 | 0040-0315 | 0014-0636 | 0015-0636 | 0015-0800 |
| 21 | 0000-0245 | 0041-0052 | 0040-0849 | 0154-0850 |
| 22 | 0055-0350 | 0016-0905 | 0019-0905 | 0025-0900 |
| 23 | 0005-0250 | 0035-0849 | 0040-0849 | 0159-0800 |
| 24 | 0037-0250 | 0016-0900 | 0017-0900 | 0051-0800 |
| 25 | 0045-0330 | 0031-0117 | 0031-0900 | 0105-0800 |
| 26 | 0000-0245 | 0020-0454 | 0021-0900 | 0130-0800 |
| 27 | 0000-0330 | 0123-0900 | 0043-0900 | 0005-0800 |
| 28 | 0000-0320 | 0011-0846 | 0012-0846 | 0005-0610 |
| 29 | 0000-0400 | 0024-0052 | 0024-0900 | 0140-0849 |
| 30 | 0055-0320 | 0018-0900 | 0018-0900 | 0115-0800 |
| 31 | 0037-0300 | 0022-0421 | 0022-0847 | 0645-0900 |

0440-0945  
0037-0300  
0400-0845  
0055-0320  
0420-0755  
0000-0400  
2255-2400  
0350-0940  
0000-0300  
2310-2400  
0410-0945  
0000-0330  
2305-2400  
0328-1045  
0700-0900  
0000-0245  
2337-2400  
0410-0945  
0045-0330  
0305-1050  
0037-0250  
0310-0750  
0002-0250  
0310-0750  
0050-0300  
0330-0750  
0000-0245  
0305-0946  
2242-2400  
0335-1017  
0042-0255  
0319-0750  
0037-0256  
0340-0751  
0040-0320  
0405-0750

AUG 1985

AUG 1985

1985 年 8 月 AUG 1985

| 日   | 北台   | 紫台   | 紫台   | 紫台   | 云台   | 北台   |
|-----|------|------|------|------|------|------|
| 期   | BEIJ | PURP | PURP | PURP | YUNN | BEIJ |
| Day | 9395 | 9375 | 3000 | 2902 | 2810 |      |

|    |           |           |           |           |           |           |           |
|----|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 17 | 0000-0250 | 0011-0908 | 0011-0038 | 0110-0830 | 0000-0250 | 0310-0925 | 2340-2400 |
| 18 | 0000-0300 | 0024-0835 | 0026-0836 | 0203-0926 | 0000-0250 | 0310-0940 | 2310-2400 |
| 19 | 0000-0300 | 0443-0856 | 0441-0856 | 0055-0845 | 0000-0300 | 0315-1000 | 0039-0301 |
| 20 | 0039-0301 | 0050-0855 | 0348-0855 | 0010-0800 | 0039-0301 | 0320-0100 | 2358-2400 |
| 21 | 0000-0303 | 0036-0640 | 0237-0440 | 0032-0810 | 0000-0303 | 0325-0820 | 0040-0300 |
| 22 | 0040-0300 | 0035-0901 | 0037-0125 | 0121-0810 | 0040-0300 | 0330-0820 | 0639-0901 |
| 23 | 0100-0300 | 0048-0858 | 0048-0518 | 0036-0835 | 0100-0300 | 0315-0820 | 2355-2400 |
| 24 | 0015-0250 | 0026-0900 | 0335-0900 | 0007-0840 | 0000-0250 | 0305-0937 | 2337-2400 |
| 25 | 0000-0245 | 0022-0722 | 0021-0722 | 0134-0904 | 0000-0245 | 0310-0915 | 2315-2400 |
| 26 | 0000-0330 | 0015-0848 | 0015-0848 | 0138-0743 | 0000-0245 | 0302-0820 | 0050-0250 |
| 27 | 0051-0245 | 0020-0902 | 0020-0902 | 0118-0847 | 0050-0250 | 0315-0820 | 0000-0300 |
| 28 | 0026-0642 | 0045-0910 | 0215-0910 | 0225-0820 | 0000-0300 | 0321-0820 | 0039-0314 |
| 29 | 0038-0245 | 0028-0858 | 0029-0858 | 0200-0815 | 0039-0314 | 0327-0820 | 0035-0250 |
| 30 | 0035-0250 | 0015-0915 | 0015-0040 | 0254-0845 | 0035-0250 | 0309-1000 | 2230-2400 |
| 31 | 0000-0205 | 0030-0839 | 0030-0839 | 0440-0806 | 0000-0300 | 0325-0833 |           |

突然电离层扰动(D层)  
SUDDEN IONOSPHERIC DISTURBANCES (D-Region)

1985 年 7-8 月

JUL-AUG 1985

| 日    | 台    | 开     | 极    | 结      | 级   | 相位异常<br>SPA |       | 场强异常<br>SFA |
|------|------|-------|------|--------|-----|-------------|-------|-------------|
| 期    | 站    | 始     | 大    | 束      | 别   | 低频          | 甚低频   | 低频          |
| Day  | Sta  | Start | Max  | End    | Imp | LF          | VLF   | LF          |
| 85.7 |      |       |      |        |     |             |       |             |
| 7    | LINT | 0527  | 0530 | 0548   | 1-  | - 1.0       | - 7.8 | -3.7        |
| 8    | LINT | 0150  | 0200 | 0214   | 1-  | - 0.1       |       | -1.2        |
|      | LINT | 0405  | 0414 | 0436   | 1-  | - 0.7       | - 3.4 | -1.3        |
| 9    | LINT | 0135  | 0204 | 0400   | 3-  | - 6.3       | -32.4 | -1.6, +5.6  |
| 12   | LINT | 0500  | 0510 | 0520 D | 1-  | - 0.5       |       | 0           |
|      | LINT | 0520  | 0536 | 0640   | 2-  | - 3.1       | -27.4 | +1.3        |
|      | LINT | 0617  | 0622 | 0640   | 1-  | - 0.4       | - 9.0 | +1.9        |
| 13   | LINT | 0658  | 0704 | 0730   | 1   | - 1.1       | - 9.0 | -1.6        |
| 22   | LINT | 0340  | 0350 | 0400   | 1-  | - 0.2       |       | -0.8        |
| 85.8 |      |       |      |        |     |             |       |             |
| 8    | LINT | 0744  | 0751 | 0842   | 1+  | - 2.9       |       | 1.3         |
| 9    | LINT | 0222  | 0228 | 0244   | 1-  | - 0.5       |       | -0.5        |
| 9    | YUNN | 0745  | 0750 | 0810   | 1   | - 1.9       |       |             |

地磁活动指数 K 和 A<sub>K</sub>  
THE GEOMAGNETIC ACTIVITY INDICES K AND A<sub>K</sub>

1985年 7 月

JUL 1985

| 日<br>期 | 三   | 小   | 时   | 时    | 段     | K     | 指     | 数     | 总    | A <sub>K</sub> |
|--------|-----|-----|-----|------|-------|-------|-------|-------|------|----------------|
| Day    | 0-3 | 3-6 | 6-9 | 9-12 | 12-15 | 15-18 | 18-21 | 21-24 | Sum  |                |
| 1      | 5   | 3   | 3   | 2    | 3     | 2     | 2     | 2     | 22   | 15             |
| 2 Q    | 1   | 3   | 3   | 2    | 1     | 1     | 2     | 2     | 15   | 8              |
| 3      | 2   | 2   | 2   | 1    | 1     | 2     | 3     | 4     | 17   | 10             |
| 4 D    | 4   | 3   | 4   | 4    | 5     | 4     | 4     | 4     | 32   | 28             |
| 5      | 3   | 3   | 3   | 3    | 3     | 3     | 3     | 3     | 24   | 15             |
| 6 D    | 3   | 3   | 4   | 4    | 3     | 3     | 3     | 3     | 26   | 18             |
| 7      | 3   | 4   | 4   | 3    | 4     | 4     | 2     | 3     | 27   | 20             |
| 8      | 1   | 4   | 4   | 3    | 3     | 3     | 4     | 4     | 26   | 20             |
| 9      | 3   | 4   | 3   | 1    | 1     | 2     | 1     | 1     | 16   | 10             |
| 10     | 3   | 3   | 3   | 2    | 1     | 4     | 3     | 4     | 23   | 16             |
| 11     | 3   | 4   | 4   | 3    | 3     | 2     | 4     | 3     | 26   | 19             |
| 12 D   | 3   | 4   | 5   | 4    | 3     | 5     | 5     | 2     | 31   | 29             |
| 13 D   | 4   | 2   | 4   | 5    | 4     | 3     | 4     | 4     | 28   | 23             |
| 14     | 3   | 5   | 4   | 3    | 3     | 2     | 2     | 2     | 24   | 18             |
| 15     | 3   | 4   | 3   | 3    | 1     | 1     | 2     | 1     | 18   | 11             |
| 16 Q   | 2   | 3   | 2   | 1    | 1     | 1     | 2     | 3     | 15   | 8              |
| 17     | 3   | 3   | 3   | 5    | 4     | 3     | 1     | 3     | 25   | 19             |
| 18     | 3   | 3   | 2   | 2    | 3     | 3     | 2     | 3     | 20   | 11             |
| 19     | 3   | 1   | 2   | 3    | 3     | 1     | 1     | 1     | 15   | 8              |
| 20     | 1   | 2   | 2   | 2    | 3     | 4     | 2     | 3     | 19   | 11             |
| 21 Q   | 3   | 3   | 3   | 3    | 2     | 1     | 1     | 3     | 19   | 11             |
| 22 Q   | 2   | 2   | 2   | 2    | 2     | 1     | 4     | 3     | 18   | 10             |
| 23     | 3   | 5   | 4   | 3    | 3     | 2     | 2     | 3     | 25   | 19             |
| 24     | 3   | 2   | 3   | 4    | 3     | 3     | 2     | 3     | 23   | 15             |
| 25     | 4   | 3   | 3   | 3    | 1     | 3     | 3     | 2     | 22   | 14             |
| 26     | 4   | 5   | 3   | 3    | 3     | 1     | 1     | 3     | 23   | 18             |
| 27     | 3   | 3   | 4   | 4    | 4     | 2     | 1     | 3     | 23   | 16             |
| 28     | 3   | 2   | 2   | 3    | 2     | 2     | 3     | 2     | 19   | 10             |
| 29 Q   | 3   | 2   | 2   | 2    | 1     | 1     | 3     | 2     | 16   | 8              |
| 30     | 3   | 4   | 2   | 3    | 5     | 3     | 1     | 3     | 24   | 18             |
| 31 D   | 3   | 3   | 5   | 4    | 5     | 4     | 3     | 5     | 32   | 30             |
| Sum    |     |     |     |      |       |       |       |       | 486  |                |
| Mean   |     |     |     |      |       |       |       |       | 15.7 |                |

# 地磁活动指数K和A<sub>K</sub> THE GEOMAGNETIC ACTIVITY INDICES K AND A<sub>K</sub>

1985年8月

AGU 1985

| H<br>期<br>Day | 三 小 时 时 段 Indices K |     |     |      |       |       |       |       | 指 数<br>Sum | 总 和<br>Ak |
|---------------|---------------------|-----|-----|------|-------|-------|-------|-------|------------|-----------|
|               | 0-3                 | 3-6 | 6-9 | 9-12 | 12-15 | 15-18 | 18-21 | 21-24 |            |           |
| 1             | 3                   | 3   | 3   | 3    | 3     | 2     | 3     | 2     | 22         | 13        |
| 2             | 2                   | 4   | 3   | 3    | 1     | 3     | 3     | 3     | 22         | 14        |
| 3             | 2                   | 3   | 2   | 2    | 2     | 2     | 3     | 2     | 18         | 9         |
| 4             | 2                   | 4   | 5   | 2    | 2     | 2     | 2     | 1     | 20         | 14        |
| 5 Q           | 1                   | 3   | 3   | 1    | 2     | 1     | 1     | 2     | 14         | 7         |
| 6 Q           | 2                   | 1   | 2   | 2    | 1     | 1     | 2     | 2     | 13         | 6         |
| 7 Q           | 3                   | 2   | 2   | 2    | 1     | 0     | 2     | 3     | 15         | 8         |
| 8             | 2                   | 3   | 3   | 2    | 1     | 2     | 2     | 2     | 17         | 9         |
| 9 Q           | 3                   | 1   | 2   | 2    | 1     | 1     | 2     | 3     | 15         | 8         |
| 10            | 3                   | 2   | 3   | 2    | 2     | 2     | 2     | 2     | 18         | 9         |
| 11 Q          | 3                   | 3   | 2   | 2    | 2     | 1     | 0     | 0     | 13         | 7         |
| 12 D          | 2                   | 3   | 3   | 3    | 4     | 4     | 6     | 4     | 29         | 27        |
| 13 D          | 5                   | 6   | 5   | 5    | 4     | 2     | 2     | 3     | 32         | 35        |
| 14            | 3                   | 3   | 3   | 3    | 2     | 3     | 2     | 2     | 21         | 12        |
| 15            | 3                   | 4   | 4   | 3    | 3     | 2     | 2     | 2     | 23         | 15        |
| 16            | 2                   | 2   | 2   | 3    | 3     | 2     | 3     | 2     | 19         | 10        |
| 17            | 1                   | 3   | 3   | 2    | 3     | 4     | 2     | 2     | 20         | 12        |
| 18            | 4                   | 4   | 3   | 3    | 4     | 3     | 3     | 4     | 28         | 21        |
| 19            | 4                   | 4   | 3   | 3    | 1     | 2     | 3     | 3     | 23         | 16        |
| 20            | 3                   | 4   | 4   | 2    | 3     | 3     | 2     | 2     | 23         | 15        |
| 21            | 2                   | 3   | 4   | 3    | 1     | 3     | 2     | 2     | 20         | 12        |
| 22 D          | 3                   | 2   | 6   | 5    | 2     | 4     | 3     | 2     | 27         | 26        |
| 23            | 3                   | 4   | 3   | 4    | 2     | 2     | 2     | 3     | 23         | 15        |
| 24            | 2                   | 3   | 3   | 2    | 2     | 1     | 2     | 2     | 17         | 9         |
| 25            | 2                   | 4   | 5   | 3    | 3     | 3     | 2     | 2     | 24         | 18        |
| 26            | 3                   | 4   | 3   | 3    | 3     | 2     | 3     | 3     | 24         | 16        |
| 27            | 3                   | 2   | 3   | 4    | 3     | 4     | 2     | 2     | 23         | 15        |
| 28            | 3                   | 2   | 2   | 2    | 2     | 3     | 4     | 3     | 21         | 13        |
| 29 D          | 3                   | 4   | 3   | 3    | 3     | 3     | 4     | 2     | 25         | 17        |
| 30            | 3                   | 3   | 2   | 3    | 1     | 3     | 3     | 2     | 19         | 11        |
| 31 D          | 3                   | 3   | 5   | 5    | 5     | 5     | 3     | 2     | 31         | 31        |
| Sum           |                     |     |     |      |       |       |       |       |            | 450       |
| Mean          |                     |     |     |      |       |       |       |       |            | 14.5      |

# 磁 暴 MAGNETIC STORMS

1985 年 8 月

AUG 1985

| 日<br>期<br>Day | 磁暴时间<br>Time of M.S. |       | 类<br>型<br>Type | 急始变幅<br>Sudden Com.<br>Amplitude |                 |                 | 活动<br>程度<br>Deg.<br>of<br>Acti. | 最大活动程度<br>Max. Acti. on K |      |       | 最大幅度<br>Range |                 |                 |  |
|---------------|----------------------|-------|----------------|----------------------------------|-----------------|-----------------|---------------------------------|---------------------------|------|-------|---------------|-----------------|-----------------|--|
|               | 始 终                  |       |                |                                  |                 |                 |                                 | 日 三小时段 指数                 |      |       |               |                 |                 |  |
|               | (时, 分) (日, 时)        |       |                |                                  |                 |                 |                                 | 期 3Hour K                 |      |       |               |                 |                 |  |
|               | Start                | End   |                | D'                               | H <sup>nT</sup> | Z <sup>nT</sup> |                                 | Day                       | Int. | Index | D'            | H <sup>nT</sup> | Z <sup>nT</sup> |  |
| 12            | 14 51                | 13 16 | SC             | 1.0                              | 30              | 3               | ms                              | 12                        | 7    | 6     | 11.1          | 128             | 29              |  |
| 31            | 03                   | 31 19 | ...            |                                  |                 |                 | m                               | 31                        | 3    | 5     | 6.8           | 142             | 26              |  |