

| Время<br>коровое |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | Средн.<br>суточн. | Время<br>тах | Maxi<br>tum | Mini<br>tum | время<br>minim | Ампл. |      |      | Сумма |      |      |      |      |    |    |    |
|------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------------------|--------------|-------------|-------------|----------------|-------|------|------|-------|------|------|------|------|----|----|----|
|                  | Дни  | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   |                   |              |             |             |                |       |      |      |       | 17   | 18   | 19   | 20   | 21 | 22 | 23 |
| 1 D              | 18.8 | 16.7 | 16.4 | 16.4 | 17.1 | 17.5 | 18.3 | 18.3 | 18.2 | 17.7 | 17.9 | 19.1 | 19.2 | 19.3 | 25.4 | 19.2 | 19.2 | 19.8              | 19.1         | 20.9        | 20.1        | 17.0           | 18.8  | 18.5 | 18.7 | 15.4  | 29.2 | 15.5 | 21.5 | 13.7 |    |    |    |
| 2                | 16.8 | 16.7 | 16.7 | 16.6 | 16.7 | 17.6 | 18.8 | 18.8 | 18.1 | 17.9 | 17.7 | 18.2 | 21.5 | 22.8 | 21.3 | 22.2 | 19.7 | 19.4              | 19.2         | 19.0        | 18.3        | 18.1           | 17.7  | 18.3 | 18.7 | 13.2  | 26.1 | 15.3 | 0.9  | 10.8 |    |    |    |
| 3                | 18.3 | 17.9 | 17.7 | 17.7 | 18.2 | 18.8 | 19.0 | 18.5 | 17.9 | 16.8 | 17.5 | 17.3 | 17.7 | 18.4 | 21.1 | 19.6 | 19.0 | 18.2              | 18.3         | 18.3        | 18.8        | 18.4           | 18.8  | 18.5 | 18.4 | 14.8  | 21.9 | 16.4 | 9.3  | 5.5  |    |    |    |
| 4                | 17.7 | 17.7 | 17.9 | 17.7 | 18.5 | 19.6 | 19.4 | 18.6 | 17.9 | 17.5 | 17.3 | 17.5 | 18.1 | 18.4 | 18.3 | 18.3 | 18.3 | 17.7              | 18.1         | 17.9        | 18.0        | 18.2           | 18.1  | 17.7 | 18.1 | 5.6   | 19.8 | 17.1 | 10.5 | 2.7  |    |    |    |
| 5                | 17.7 | 17.6 | 17.5 | 17.5 | 18.4 | 19.6 | 19.7 | 18.4 | 16.9 | 16.5 | 16.8 | 17.5 | 18.4 | 18.3 | 18.1 | 17.9 | 17.9 | 17.8              | 17.9         | 17.9        | 18.0        | 18.3           | 17.8  | 17.6 | 17.9 | 6.2   | 20.1 | 16.4 | 9.6  | 3.7  |    |    |    |
| 6                | 17.5 | 17.0 | 16.8 | 17.3 | 17.5 | 18.3 | 18.6 | 17.9 | 16.7 | 15.9 | 15.5 | 16.4 | 17.5 | 17.7 | 17.1 | 17.0 | 16.7 | 16.8              | 16.9         | 17.3        | 22.7        | 25.9           | 24.1  | 25.8 | 18.4 | 23.6  | 28.6 | 15.4 | 10.3 | 13.2 |    |    |    |
| 7 D              | 19.8 | 20.9 | 19.8 | 18.5 | 19.1 | 18.3 | 18.9 | 17.9 | 18.3 | 18.3 | 18.0 | 19.1 | 20.5 | 19.0 | 19.8 | 18.8 | 18.8 | 20.3              | 19.2         | 19.2        | 19.2        | 19.8           | 20.0  | 19.1 | 19.2 | 0.1   | 23.5 | 17.3 | 7.6  | 6.2  |    |    |    |
| 8                | 18.1 | 18.5 | 18.4 | 17.9 | 18.3 | 18.6 | 19.2 | 19.2 | 18.5 | 18.1 | 17.7 | 18.2 | 17.9 | 18.3 | 18.3 | 19.4 | 18.5 | 18.4              | 18.8         | 19.4        | 19.9        | 19.8           | 19.4  | 18.8 | 18.6 | 20.9  | 20.5 | 17.4 | 10.8 | 3.1  |    |    |    |
| 9                | 18.5 | 17.7 | 17.5 | 17.7 | 17.4 | 18.4 | 19.2 | 19.0 | 18.3 | 17.7 | 17.3 | 18.1 | 18.3 | 18.2 | 18.2 | 18.1 | 18.1 | 20.3              | 20.8         | 21.3        | 20.7        | 21.3           | 20.5  | 18.8 | 18.8 | 19.6  | 22.5 | 17.1 | 10.5 | 5.4  |    |    |    |
| 10               | 20.3 | 19.2 | 17.6 | 17.3 | 17.5 | 17.9 | 18.5 | 18.7 | 18.1 | 17.9 | 18.0 | 18.3 | 19.4 | 18.3 | 18.3 | 18.4 | 18.5 | 19.0              | 19.2         | 19.0        | 18.8        | 18.8           | 18.4  | 18.3 | 18.5 | 0.9   | 20.8 | 16.4 | 3.2  | 4.4  |    |    |    |
| 11 Q             | 17.9 | 17.5 | 17.3 | 17.6 | 17.7 | 18.5 | 19.4 | 19.6 | 19.0 | 18.7 | 18.1 | 18.0 | 18.1 | 17.9 | 17.9 | 17.9 | 18.3 | 18.5              | 18.5         | 18.3        | 18.3        | 18.3           | 17.9  | 17.5 | 18.2 | 7.1   | 19.8 | 17.1 | 2.8  | 2.7  |    |    |    |
| 12               | 17.1 | 16.6 | 16.2 | 17.1 | 17.5 | 18.5 | 19.5 | 19.7 | 18.8 | 16.7 | 16.4 | 17.3 | 17.9 | 17.9 | 18.1 | 18.3 | 18.1 | 18.3              | 18.5         | 18.3        | 18.4        | 18.5           | 18.2  | 17.7 | 17.9 | 7.1   | 19.9 | 15.8 | 2.1  | 4.1  |    |    |    |
| 13 Q             | 17.5 | 17.1 | 16.6 | 16.4 | 16.7 | 17.9 | 18.4 | 18.3 | 18.5 | 17.0 | 16.1 | 17.1 | 17.7 | 17.7 | 17.7 | 17.7 | 17.7 | 18.0              | 18.1         | 18.3        | 18.1        | 17.9           | 17.5  | 17.1 | 17.5 | 8.2   | 18.8 | 15.8 | 10.3 | 3.0  |    |    |    |
| 14 Q             | 17.1 | 17.1 | 17.1 | 17.3 | 17.7 | 18.5 | 18.3 | 17.9 | 17.6 | 17.3 | 17.5 | 17.5 | 17.9 | 17.5 | 17.6 | 17.6 | 17.7 | 18.1              | 18.3         | 18.1        | 17.9        | 17.9           | 17.7  | 17.5 | 17.7 | 5.7   | 18.8 | 16.8 | 0.2  | 2.0  |    |    |    |
| 15               | 17.3 | 17.1 | 17.1 | 16.9 | 17.5 | 18.6 | 18.8 | 18.2 | 17.3 | 16.9 | 16.7 | 17.1 | 17.5 | 17.5 | 17.9 | 17.9 | 18.5 | 19.5              | 18.9         | 18.3        | 18.3        | 18.2           | 17.9  | 17.7 | 17.8 | 17.1  | 20.1 | 16.4 | 10.6 | 3.7  |    |    |    |
| 16 Q             | 17.3 | 17.1 | 17.3 | 17.3 | 17.7 | 18.5 | 18.7 | 17.7 | 17.1 | 16.7 | 16.7 | 17.1 | 17.5 | 18.1 | 18.3 | 18.1 | 18.1 | 17.8              | 17.9         | 17.9        | 17.9        | 17.9           | 17.7  | 17.5 | 17.7 | 6.3   | 19.1 | 16.6 | 9.7  | 2.5  |    |    |    |
| 17               | 17.3 | 17.1 | 16.8 | 16.6 | 16.7 | 17.3 | 17.5 | 17.3 | 17.1 | 16.2 | 16.2 | 16.8 | 16.8 | 16.7 | 17.1 | 16.8 | 16.9 | 17.3              | 17.9         | 19.5        | 19.6        | 19.4           | 18.8  | 17.9 | 17.4 | 20.8  | 20.0 | 16.0 | 9.9  | 4.0  |    |    |    |
| 18               | 17.9 | 17.3 | 17.5 | 17.3 | 17.7 | 17.9 | 17.5 | 17.7 | 16.7 | 16.8 | 17.1 | 16.9 | 16.7 | 17.1 | 17.7 | 18.1 | 18.1 | 18.4              | 18.8         | 18.6        | 18.8        | 18.8           | 18.7  | 17.8 | 17.7 | 21.0  | 19.2 | 16.4 | 8.3  | 2.8  |    |    |    |
| 19 Q             | 17.9 | 17.3 | 17.1 | 17.1 | 17.5 | 18.3 | 18.8 | 18.5 | 17.9 | 17.0 | 17.0 | 17.9 | 18.1 | 17.7 | 17.7 | 17.9 | 17.9 | 17.9              | 18.3         | 18.7        | 19.2        | 19.6           | 19.6  | 19.6 | 18.1 | 21.7  | 19.8 | 16.6 | 10.4 | 3.2  |    |    |    |
| 20               | 19.6 | 19.6 | 18.5 | 18.1 | 17.8 | 18.5 | 18.1 | 17.9 | 17.1 | 16.1 | 16.8 | 16.5 | 17.3 | 17.9 | 17.5 | 17.3 | 17.6 | 18.3              | 18.8         | 19.7        | 19.7        | 20.5           | 22.2  | 23.7 | 18.5 | 23.9  | 24.5 | 15.8 | 9.2  | 8.7  |    |    |    |
| 21               | 19.6 | 19.5 | 18.3 | 18.3 | 18.3 | 18.5 | 18.1 | 17.7 | 16.4 | 15.8 | 16.1 | 17.0 | 17.4 | 16.4 | 17.4 | 20.6 | 24.3 | 27.2              | 27.9         | 28.6        | 25.8        | 21.3           | 20.5  | 15.7 | 19.9 | 19.3  | 29.9 | 14.8 | 23.7 | 15.1 |    |    |    |
| 22               | 18.1 | 18.1 | 18.1 | 17.9 | 18.8 | 19.5 | 19.4 | 19.2 | 17.9 | 17.5 | 17.9 | 18.1 | 18.5 | 18.8 | 19.0 | 19.0 | 20.1 | 20.1              | 19.4         | 19.4        | 19.4        | 17.9           | 18.6  | 18.0 | 18.7 | 16.9  | 21.0 | 16.4 | 0.1  | 4.6  |    |    |    |
| 23               | 17.2 | 16.1 | 17.3 | 17.5 | 17.7 | 18.7 | 19.2 | 18.5 | 17.8 | 16.6 | 16.4 | 17.9 | 18.3 | 19.3 | 19.7 | 20.6 | 20.3 | 21.0              | 19.2         | 20.0        | 19.2        | 18.8           | 19.0  | 16.4 | 18.4 | 17.8  | 23.1 | 15.5 | 10.7 | 7.6  |    |    |    |
| 24               | 16.8 | 17.5 | 17.5 | 17.5 | 17.8 | 18.3 | 18.8 | 18.8 | 19.1 | 18.9 | 19.6 | 18.9 | 18.3 | 19.4 | 18.5 | 18.2 | 18.2 | 18.8              | 21.8         | 20.3        | 19.6        | 19.8           | 18.9  | 18.5 | 18.7 | 18.7  | 22.8 | 15.7 | 0.1  | 7.1  |    |    |    |
| 25 D             | 17.9 | 17.4 | 16.6 | 15.1 | 14.3 | 16.2 | 16.8 | 17.9 | 18.1 | 17.4 | 16.4 | 16.5 | 17.5 | 17.9 | 19.3 | 20.8 | 19.2 | 20.9              | 23.4         | 20.7        | 20.1        | 19.7           | 21.5  | 21.1 | 18.4 | 18.6  | 24.8 | 13.7 | 4.5  | 11.1 |    |    |    |
| 26               | 18.1 | 16.4 | 16.6 | 17.0 | 17.5 | 18.7 | 19.2 | 19.0 | 19.4 | 19.0 | 18.4 | 18.8 | 19.2 | 19.0 | 20.3 | 18.8 | 18.5 | 19.0              | 18.9         | 19.1        | 18.8        | 18.7           | 18.1  | 17.9 | 18.5 | 14.6  | 20.9 | 15.9 | 2.0  | 5.0  |    |    |    |
| 27 D             | 17.5 | 17.0 | 16.3 | 14.1 | 15.3 | 17.8 | 17.8 | 18.5 | 17.9 | 17.7 | 17.5 | 18.6 | 18.8 | 26.7 | 22.0 | 20.7 | 25.2 | 23.9              | 19.8         | 19.9        | 17.9        | 19.9           | 20.0  | 15.8 | 19.0 | 13.8  | 32.6 | 11.9 | 23.8 | 20.7 |    |    |    |
| 28 D             | 16.8 | 17.1 | 15.7 | 13.8 | 16.0 | 17.8 | 18.5 | 18.5 | 18.3 | 19.1 | 20.5 | 20.1 | 19.5 | 21.8 | 19.6 | 19.8 | 22.5 | 19.4              | 19.5         | 19.5        | 19.0        | 20.5           | 19.8  | 16.8 | 18.7 | 13.7  | 24.5 | 11.7 | 3.8  | 12.8 |    |    |    |
| 29               | 17.3 | 17.9 | 17.7 | 17.7 | 18.8 | 20.1 | 19.7 | 18.5 | 17.5 | 17.5 | 17.5 | 17.3 | 19.4 | 18.5 | 22.4 | 20.5 | 18.9 | 20.1              | 18.8         | 20.1        | 18.8        | 16.6           | 16.4  | 17.7 | 18.6 | 14.9  | 26.7 | 14.7 | 21.6 | 12.0 |    |    |    |
| 30</             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                   |              |             |             |                |       |      |      |       |      |      |      |      |    |    |    |

Вариометр Боброва ( $\bar{I}-\bar{II}$ , 1986)

Месяц Январь год 1986

H = 24040<sup>+</sup> =                      ° =                      °

| Время<br>кйровое           |     |    |     |    |    |     |     |     |    |    |     |     |     |     |     |     |     | Средн.<br>суточн. | Время<br>тах | Max<br>tut | Mini<br>tut | время<br>minim | Ампл. |    |     | Сумма |    |     |      |     |  |  |
|----------------------------|-----|----|-----|----|----|-----|-----|-----|----|----|-----|-----|-----|-----|-----|-----|-----|-------------------|--------------|------------|-------------|----------------|-------|----|-----|-------|----|-----|------|-----|--|--|
| Дни                        | 1   | 2  | 3   | 4  | 5  | 6   | 7   | 8   | 9  | 10 | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18                | 19           | 20         | 21          | 22             | 23    | 24 |     |       |    |     |      |     |  |  |
| 1D                         | 0   | 7  | 5   | 15 | 19 | 21  | 13  | 5   | 3  | 5  | 3   | 9   | 15  | 10  | 10  | -9  | -2  | 6                 | 11           | 4          | 11          | 25             | 11    | 5  | 8   | 21.3  | 43 | -21 | 14.1 | 64  |  |  |
| 2                          | 14  | 17 | 15  | 9  | 13 | 11  | 3   | 9   | 13 | 17 | 13  | 9   | -13 | -9  | 1   | -2  | 5   | 15                | 11           | 5          | 13          | 15             | 14    | 10 | 9   | 16.8  | 25 | -25 | 12.6 | 50  |  |  |
| 3                          | 9   | 10 | 10  | 13 | 15 | 19  | 13  | 6   | 11 | 12 | 9   | 21  | 23  | 13  | 7   | 3   | 8   | 9                 | 11           | 11         | 9           | 15             | 11    | 12 | 12  | 12.1  | 28 | -5  | 15.6 | 33  |  |  |
| 4                          | 16  | 15 | 16  | 17 | 18 | 21  | 17  | 13  | 17 | 22 | 21  | 23  | 18  | 15  | 15  | 17  | 22  | 25                | 23           | 23         | 22          | 21             | 20    | 17 | 19  | 17.2  | 27 | 11  | 1.7  | 16  |  |  |
| 5                          | 21  | 18 | 21  | 23 | 27 | 25  | 18  | 21  | 26 | 32 | 33  | 31  | 28  | 29  | 27  | 23  | 23  | 24                | 25           | 24         | 23          | 23             | 25    | 27 | 25  | 10.1  | 35 | 16  | 1.1  | 19  |  |  |
| 6                          | 27  | 27 | 23  | 27 | 31 | 34  | 32  | 28  | 36 | 46 | 47  | 41  | 45  | 47  | 56  | 47  | 42  | 41                | 44           | 33         | -13         | -39            | -48   | 1  | 27  | 14.7  | 73 | -67 | 22.1 | 140 |  |  |
| 7D                         | -13 | -5 | -13 | -9 | 8  | 9   | -4  | -7  | 1  | 11 | 5   | -14 | -8  | -10 | -9  | -7  | -5  | 14                | 9            | 3          | 1           | 2              | 2     | 5  | -1  | 17.9  | 29 | -41 | 0.3  | 70  |  |  |
| 8                          | -2  | -4 | -1  | 4  | 8  | 14  | 11  | 4   | 5  | 7  | 2   | 3   | 4   | 6   | -1  | -3  | 7   | 3                 | 8            | 10         | 15          | 9              | 6     | 6  | 5   | 20.1  | 17 | -9  | 0.7  | 26  |  |  |
| 9                          | 7   | 15 | 14  | 15 | 21 | 24  | 25  | 23  | 22 | 25 | 24  | 24  | 19  | 16  | 13  | 15  | 10  | 1                 | -5           | -2         | -1          | -9             | 16    | 20 | 14  | 19.8  | 33 | -26 | 19.5 | 59  |  |  |
| 10                         | 1   | 1  | 9   | 12 | 20 | 24  | 17  | 13  | 15 | 16 | 17  | 7   | 2   | 5   | 9   | 9   | 8   | 9                 | 10           | 9          | 9           | 10             | 11    | 12 | 11  | 5.4   | 28 | -3  | 12.2 | 31  |  |  |
| 11Q                        | 12  | 15 | 15  | 20 | 23 | 27  | 25  | 23  | 19 | 17 | 11  | 8   | 11  | 18  | 21  | 21  | 16  | 15                | 21           | 22         | 22          | 20             | 21    | 22 | 19  | 5.6   | 29 | 4   | 12.3 | 25  |  |  |
| 12                         | 22  | 21 | 27  | 26 | 31 | 31  | 27  | 21  | 21 | 20 | 16  | 15  | 15  | 17  | 21  | 22  | 21  | 20                | 21           | 23         | 24          | 27             | 23    | 26 | 22  | 5.1   | 35 | 11  | 11.9 | 24  |  |  |
| 13Q                        | 27  | 27 | 26  | 29 | 36 | 39  | 35  | 33  | 31 | 31 | 31  | 31  | 30  | 29  | 28  | 27  | 25  | 23                | 27           | 23         | 23          | 22             | 21    | 21 | 28  | 5.1   | 41 | 19  | 22.6 | 22  |  |  |
| 14Q                        | 23  | 25 | 30  | 35 | 39 | 41  | 35  | 33  | 33 | 35 | 34  | 35  | 35  | 35  | 33  | 29  | 24  | 21                | 23           | 27         | 27          | 27             | 28    | 28 | 31  | 5.4   | 43 | 19  | 17.5 | 24  |  |  |
| 15                         | 27  | 28 | 30  | 34 | 34 | 35  | 29  | 31  | 38 | 49 | 42  | 39  | 33  | 28  | 31  | 25  | 13  | 9                 | 16           | 22         | 21          | 19             | 20    | 21 | 28  | 9.6   | 52 | 4   | 17.5 | 48  |  |  |
| 16Q                        | 22  | 23 | 25  | 26 | 28 | 28  | 21  | 17  | 23 | 27 | 23  | 23  | 29  | 29  | 29  | 27  | 27  | 27                | 27           | 28         | 27          | 23             | 24    | 27 | 25  | 13.2  | 33 | 16  | 7.6  | 17  |  |  |
| 17                         | 27  | 30 | 33  | 40 | 45 | 49  | 43  | 40  | 41 | 45 | 39  | 34  | 39  | 40  | 40  | 42  | 39  | 34                | 25           | 9          | 9           | 21             | 21    | 17 | 33  | 5.6   | 52 | 1   | 19.6 | 51  |  |  |
| 18                         | 13  | 21 | 16  | 21 | 29 | 33  | 31  | 25  | 29 | 19 | 17  | 24  | 23  | 21  | 21  | 18  | 17  | 15                | 17           | 16         | 15          | 17             | 13    | 17 | 20  | 5.9   | 35 | 7   | 22.7 | 28  |  |  |
| 19Q                        | 16  | 19 | 23  | 28 | 31 | 29  | 23  | 19  | 20 | 25 | 28  | 23  | 22  | 19  | 18  | 20  | 21  | 23                | 21           | 15         | 16          | 14             | 13    | 13 | 21  | 5.3   | 34 | 9   | 22.9 | 25  |  |  |
| 20                         | 16  | 17 | 23  | 24 | 27 | 21  | 16  | 16  | 17 | 17 | 17  | 39  | 40  | 25  | 29  | 29  | 29  | 23                | 23           | 22         | 9           | 9              | -3    | 2  | 20  | 12.5  | 46 | -13 | 22.9 | 59  |  |  |
| 21                         | 13  | 23 | 5   | 9  | 11 | 16  | 16  | 21  | 23 | 24 | 22  | 22  | 17  | 4   | -26 | -61 | -87 | -81               | -69          | -61        | -27         | -33            | -25   | -3 | -10 | 0.1   | 43 | -93 | 16.1 | 136 |  |  |
| 22                         | -4  | -9 | -2  | -1 | -3 | -11 | -11 | -10 | -4 | -3 | -1  | 4   | -11 | -9  | -8  | -15 | -8  | 9                 | 3            | 7          | 16          | 27             | 13    | 9  | -1  | 21.3  | 35 | -21 | 15.3 | 56  |  |  |
| 23                         | 10  | 21 | 25  | 23 | 29 | 25  | 15  | 10  | -1 | 5  | 7   | 7   | 10  | -2  | -11 | -15 | -9  | 15                | 19           | 10         | 26          | 15             | 9     | 15 | 11  | 18.0  | 47 | -22 | 15.3 | 69  |  |  |
| 24                         | 15  | 13 | 15  | 19 | 22 | 16  | 16  | 21  | 12 | 6  | -2  | -6  | -8  | 0   | 4   | 12  | 11  | 7                 | 3            | 3          | 7           | 11             | 20    | 13 | 10  | 22.1  | 31 | -13 | 12.6 | 44  |  |  |
| 25D                        | 17  | 17 | 24  | 37 | 49 | 57  | 50  | 35  | 26 | 28 | 35  | 35  | 21  | 5   | -26 | -15 | -7  | -12               | -17          | 45         | 22          | 40             | 19    | 7  | 20  | 19.6  | 82 | -39 | 14.8 | 121 |  |  |
| 26                         | 5   | 5  | 3   | 9  | 19 | 19  | 20  | 15  | 15 | 18 | 15  | 4   | -3  | -8  | 3   | 15  | 10  | 12                | 11           | 16         | 17          | 19             | 18    | 20 | 12  | 6.3   | 27 | -15 | 13.5 | 42  |  |  |
| 27D                        | 21  | 23 | 23  | 12 | 41 | 33  | 25  | -3  | 9  | 7  | 0   | 1   | -5  | -43 | -15 | -27 | -7  | -9                | -8           | 13         | 28          | 23             | 7     | 20 | 7   | 4.5   | 51 | -68 | 13.5 | 119 |  |  |
| 28D                        | 15  | 10 | 9   | 17 | 28 | 22  | 10  | 0   | -4 | -9 | -14 | -25 | -21 | -3  | 3   | -9  | 25  | 9                 | 6            | 25         | 37          | 4              | 3     | 12 | 6   | 20.0  | 49 | -42 | 11.8 | 91  |  |  |
| 29                         | 7   | 4  | 6   | 5  | 9  | 7   | 11  | 8   | 7  | 9  | 12  | 12  | 16  | 7   | -9  | 11  | 3   | 8                 | 27           | 5          | 23          | 27             | 29    | 16 | 11  | 18.3  | 52 | -20 | 14.6 | 72  |  |  |
| 30                         | 9   | 16 | 21  | 21 | 26 | 22  | 14  | 9   | 2  | -3 | -2  | 9   | 13  | 18  | 21  | 18  | 15  | 17                | 17           | 17         | 25          | 27             | 17    | 18 | 15  | 21.1  | 37 | -11 | 9.2  | 48  |  |  |
| 31                         | 12  | 12 | 15  | 17 | 20 | 18  | 27  | 23  | 16 | 15 | 18  | 20  | 16  | 15  | 18  | 19  | 18  | 17                | 19           | 17         | 18          | 21             | 21    | 21 | 18  | 7.0   | 29 | 9   | 0.2  | 20  |  |  |
| Среднее по<br>всем дням    | 13  | 15 | 16  | 19 | 24 | 24  | 20  | 16  | 17 | 19 | 17  | 16  | 15  | 12  | 11  | 9   | 10  | 11                | 12           | 14         | 15          | 15             | 12    | 15 | 15  |       | 39 | -14 |      | 53  |  |  |
| Среднее по<br>сп. дням     | 20  | 22 | 24  | 28 | 31 | 33  | 28  | 25  | 25 | 27 | 25  | 24  | 25  | 26  | 26  | 25  | 23  | 22                | 24           | 23         | 23          | 21             | 21    | 22 | 25  |       | 36 | 13  |      | 23  |  |  |
| Среднее по<br>возмущ. дням | 8   | 10 | 10  | 14 | 29 | 28  | 19  | 6   | 7  | 8  | 6   | 1   | 0   | -8  | -7  | -13 | 1   | 2                 | 0            | 18         | 20          | 19             | 8     | 10 | 8   |       | 51 | -42 |      | 93  |  |  |
| Сумма по<br>всем дням      |     |    |     |    |    |     |     |     |    |    |     |     |     |     |     |     |     |                   |              |            |             |                |       |    |     |       |    |     |      |     |  |  |
| Сумма по<br>сп. дням       |     |    |     |    |    |     |     |     |    |    |     |     |     |     |     |     |     |                   |              |            |             |                |       |    |     |       |    |     |      |     |  |  |
| Сумма по<br>озмущ. дням    |     |    |     |    |    |     |     |     |    |    |     |     |     |     |     |     |     |                   |              |            |             |                |       |    |     |       |    |     |      |     |  |  |

Месяц Январь год 1986 $\bar{I} = 42080^+ + =$ 

| Время<br>кйровое           |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | Средн.<br>суточн. | Время<br>тах | Maxi<br>тит | Mini<br>тит | время<br>минит | Ампл. |  |  | Сумма |  |
|----------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------------------|--------------|-------------|-------------|----------------|-------|--|--|-------|--|
| Дни                        | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24  |                   |              |             |             |                |       |  |  |       |  |
| 1 $\Delta$                 | 117 | 115 | 116 | 115 | 117 | 119 | 121 | 121 | 119 | 119 | 121 | 121 | 119 | 118 | 117 | 121 | 120 | 119 | 118 | 117 | 116 | 113 | 114 | 115 | 118               | 7.2          | 123         | 111         | 21.4           | 12    |  |  |       |  |
| 2                          | 114 | 113 | 113 | 116 | 117 | 119 | 119 | 117 | 117 | 115 | 118 | 121 | 122 | 120 | 119 | 119 | 118 | 117 | 117 | 117 | 116 | 115 | 115 | 115 | 117               | 12.6         | 124         | 112         | 1.8            | 12    |  |  |       |  |
| 3                          | 115 | 115 | 115 | 115 | 115 | 114 | 112 | 113 | 111 | 108 | 113 | 117 | 118 | 117 | 117 | 118 | 118 | 117 | 116 | 116 | 116 | 115 | 115 | 115 | 115               | 15.6         | 120         | 107         | 9.2            | 13    |  |  |       |  |
| 4                          | 115 | 115 | 115 | 115 | 115 | 113 | 111 | 112 | 114 | 114 | 114 | 117 | 118 | 115 | 115 | 115 | 115 | 114 | 114 | 114 | 113 | 113 | 113 | 113 | 114               | 12.2         | 119         | 110         | 6.7            | 9     |  |  |       |  |
| 5                          | 113 | 113 | 113 | 113 | 115 | 115 | 113 | 109 | 109 | 111 | 113 | 117 | 117 | 113 | 113 | 113 | 113 | 113 | 113 | 113 | 113 | 112 | 112 | 111 | 113               | 12.2         | 118         | 107         | 8.1            | 11    |  |  |       |  |
| 6                          | 111 | 111 | 112 | 111 | 111 | 111 | 109 | 109 | 108 | 105 | 102 | 107 | 111 | 109 | 107 | 108 | 109 | 109 | 109 | 112 | 119 | 122 | 121 | 113 | 111               | 22.1         | 125         | 101         | 10.5           | 24    |  |  |       |  |
| 7 $\Delta$                 | 115 | 112 | 114 | 115 | 113 | 113 | 111 | 112 | 117 | 116 | 115 | 120 | 120 | 121 | 120 | 120 | 120 | 118 | 118 | 118 | 118 | 117 | 117 | 117 | 117               | 13.2         | 124         | 110         | 6.6            | 14    |  |  |       |  |
| 8                          | 116 | 116 | 115 | 116 | 115 | 116 | 115 | 118 | 118 | 115 | 117 | 117 | 118 | 118 | 118 | 119 | 118 | 118 | 117 | 117 | 116 | 116 | 116 | 116 | 117               | 15.5         | 120         | 114         | 4.6            | 6     |  |  |       |  |
| 9                          | 116 | 115 | 114 | 114 | 115 | 117 | 115 | 114 | 108 | 101 | 101 | 105 | 109 | 113 | 115 | 115 | 115 | 117 | 118 | 119 | 118 | 118 | 115 | 113 | 113               | 19.5         | 122         | 100         | 9.7            | 22    |  |  |       |  |
| 10                         | 114 | 114 | 113 | 114 | 114 | 116 | 117 | 116 | 113 | 114 | 113 | 115 | 115 | 117 | 117 | 117 | 117 | 117 | 117 | 117 | 116 | 115 | 115 | 115 | 115               | 18.0         | 118         | 112         | 8.5            | 6     |  |  |       |  |
| 11 $\Delta$                | 115 | 114 | 114 | 114 | 115 | 118 | 118 | 116 | 116 | 115 | 117 | 118 | 117 | 116 | 116 | 115 | 115 | 115 | 114 | 114 | 113 | 113 | 113 | 113 | 115               | 6.2          | 119         | 112         | 23.8           | 7     |  |  |       |  |
| 12                         | 112 | 112 | 111 | 112 | 113 | 118 | 117 | 115 | 109 | 105 | 112 | 116 | 115 | 114 | 114 | 113 | 113 | 114 | 114 | 113 | 113 | 112 | 112 | 111 | 113               | 5.6          | 119         | 104         | 9.3            | 15    |  |  |       |  |
| 13 $\Delta$                | 111 | 110 | 109 | 110 | 111 | 114 | 113 | 114 | 110 | 103 | 106 | 111 | 113 | 112 | 111 | 111 | 112 | 113 | 113 | 113 | 111 | 112 | 112 | 112 | 111               | 5.8          | 115         | 101         | 9.6            | 14    |  |  |       |  |
| 14 $\Delta$                | 111 | 111 | 111 | 110 | 111 | 111 | 107 | 108 | 105 | 102 | 105 | 108 | 107 | 108 | 109 | 110 | 111 | 113 | 111 | 111 | 111 | 110 | 110 | 109 | 109               | 17.8         | 113         | 101         | 9.5            | 12    |  |  |       |  |
| 15                         | 109 | 110 | 110 | 110 | 110 | 110 | 108 | 107 | 108 | 105 | 105 | 109 | 110 | 109 | 109 | 111 | 112 | 113 | 113 | 112 | 112 | 112 | 112 | 111 | 110               | 18.2         | 115         | 103         | 10.2           | 12    |  |  |       |  |
| 16 $\Delta$                | 111 | 111 | 111 | 111 | 111 | 113 | 109 | 110 | 112 | 114 | 115 | 115 | 114 | 113 | 112 | 112 | 111 | 112 | 112 | 112 | 112 | 112 | 111 | 112 | 112               | 10.5         | 116         | 109         | 6.7            | 7     |  |  |       |  |
| 17                         | 111 | 110 | 109 | 109 | 108 | 107 | 107 | 107 | 106 | 104 | 106 | 107 | 107 | 109 | 109 | 109 | 109 | 111 | 112 | 115 | 116 | 113 | 112 | 112 | 109               | 20.7         | 118         | 103         | 9.2            | 15    |  |  |       |  |
| 18                         | 111 | 111 | 111 | 111 | 110 | 110 | 109 | 111 | 113 | 116 | 116 | 114 | 116 | 116 | 115 | 115 | 115 | 115 | 114 | 114 | 113 | 113 | 113 | 112 | 113               | 9.7          | 118         | 109         | 6.4            | 9     |  |  |       |  |
| 19 $\Delta$                | 111 | 111 | 111 | 111 | 112 | 113 | 114 | 114 | 113 | 109 | 110 | 112 | 109 | 109 | 111 | 112 | 113 | 113 | 114 | 115 | 114 | 114 | 114 | 114 | 112               | 19.6         | 115         | 107         | 13.2           | 8     |  |  |       |  |
| 20                         | 113 | 113 | 112 | 112 | 111 | 110 | 109 | 109 | 109 | 109 | 112 | 113 | 111 | 111 | 112 | 112 | 113 | 113 | 114 | 114 | 116 | 116 | 117 | 115 | 112               | 22.8         | 118         | 107         | 9.4            | 11    |  |  |       |  |
| 21                         | 114 | 109 | 113 | 113 | 113 | 109 | 108 | 106 | 108 | 111 | 117 | 119 | 117 | 117 | 122 | 129 | 136 | 137 | 136 | 132 | 125 | 126 | 124 | 119 | 119               | 17.9         | 138         | 105         | 7.5            | 33    |  |  |       |  |
| 22                         | 118 | 120 | 119 | 121 | 123 | 122 | 121 | 118 | 115 | 117 | 121 | 122 | 121 | 121 | 122 | 124 | 123 | 121 | 121 | 121 | 119 | 115 | 116 | 117 | 120               | 15.4         | 126         | 114         | 8.9            | 12    |  |  |       |  |
| 23                         | 117 | 115 | 115 | 116 | 116 | 118 | 117 | 117 | 115 | 113 | 119 | 122 | 121 | 120 | 123 | 124 | 124 | 121 | 120 | 120 | 117 | 117 | 117 | 116 | 118               | 16.2         | 126         | 112         | 9.3            | 14    |  |  |       |  |
| 24                         | 115 | 115 | 116 | 115 | 115 | 117 | 115 | 116 | 116 | 116 | 119 | 120 | 121 | 119 | 121 | 120 | 119 | 119 | 120 | 121 | 119 | 118 | 116 | 117 | 118               | 12.5         | 122         | 114         | 0.7            | 8     |  |  |       |  |
| 25 $\Delta$                | 116 | 117 | 116 | 114 | 111 | 111 | 111 | 112 | 110 | 104 | 106 | 110 | 115 | 116 | 122 | 121 | 121 | 123 | 125 | 116 | 116 | 112 | 112 | 114 | 115               | 18.1         | 127         | 102         | 9.6            | 25    |  |  |       |  |
| 26                         | 115 | 115 | 115 | 116 | 116 | 118 | 115 | 115 | 115 | 112 | 110 | 113 | 117 | 121 | 120 | 118 | 119 | 119 | 119 | 118 | 117 | 116 | 116 | 115 | 116               | 13.6         | 122         | 109         | 10.2           | 13    |  |  |       |  |
| 27 $\Delta$                | 115 | 115 | 115 | 117 | 112 | 115 | 110 | 108 | 109 | 112 | 115 | 119 | 122 | 128 | 126 | 127 | 123 | 124 | 125 | 121 | 116 | 114 | 117 | 115 | 118               | 13.5         | 132         | 107         | 7.5            | 25    |  |  |       |  |
| 28 $\Delta$                | 114 | 115 | 116 | 115 | 113 | 115 | 114 | 113 | 115 | 115 | 118 | 122 | 123 | 121 | 122 | 124 | 119 | 122 | 122 | 118 | 115 | 118 | 118 | 116 | 118               | 15.7         | 125         | 112         | 4.5            | 13    |  |  |       |  |
| 29                         | 116 | 117 | 117 | 118 | 117 | 116 | 112 | 110 | 112 | 114 | 116 | 114 | 113 | 119 | 121 | 119 | 120 | 120 | 117 | 119 | 116 | 115 | 113 | 115 | 116               | 14.5         | 122         | 109         | 7.5            | 13    |  |  |       |  |
| 30                         | 115 | 115 | 115 | 115 | 117 | 117 | 116 | 117 | 118 | 118 | 119 | 117 | 117 | 119 | 118 | 118 | 118 | 118 | 119 | 118 | 117 | 115 | 115 | 115 | 117               | 10.3         | 120         | 113         | 23.5           | 7     |  |  |       |  |
| 31                         | 116 | 116 | 116 | 116 | 117 | 118 | 115 | 115 | 115 | 114 | 112 | 112 | 113 | 116 | 116 | 117 | 117 | 117 | 117 | 117 | 117 | 116 | 116 | 116 | 116               | 5.3          | 119         | 110         | 11.8           | 9     |  |  |       |  |
| Среднее по<br>всем дням    | 114 | 114 | 114 | 114 | 114 | 115 | 113 | 113 | 112 | 111 | 113 | 115 | 116 | 116 | 116 | 117 | 117 | 117 | 117 | 117 | 116 | 115 | 115 | 114 | 115               |              | 121         | 108         |                | 13    |  |  |       |  |
| Среднее по<br>сп. дням     | 112 | 111 | 111 | 111 | 112 | 114 | 112 | 112 | 111 | 109 | 111 | 113 | 112 | 112 | 112 | 112 | 112 | 113 | 113 | 113 | 112 | 112 | 112 | 112 | 112               |              | 116         | 106         |                | 10    |  |  |       |  |
| Среднее по<br>возмущ. дням | 115 | 115 | 115 | 115 | 113 | 115 | 113 | 113 | 114 | 113 | 115 | 118 | 120 | 121 | 121 | 123 | 121 | 121 | 122 | 118 | 116 | 115 | 116 | 115 | 117               |              | 126         | 108         |                | 18    |  |  |       |  |
| Сумма по<br>всем дням      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                   |              |             |             |                |       |  |  |       |  |
| Сумма по<br>сп. дням       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                   |              |             |             |                |       |  |  |       |  |
| Сумма по<br>возмущ. дням   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                   |              |             |             |                |       |  |  |       |  |

Месяц Февраль год 1986

$\phi = 4^{\circ}50'0 + =$

$\circ =$

| Время<br>кйровое           |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | Средн.<br>суточн. | Время<br>тах | Мах<br>тит | Мин<br>тит | время<br>минит | Ампл. |      |      | Сумма |      |      |      |
|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------------------|--------------|------------|------------|----------------|-------|------|------|-------|------|------|------|
| Дни                        | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 18   | 19                | 20           | 21         | 22         | 23             | 24    |      |      |       |      |      |      |
| 1 Q                        | 17.6 | 17.7 | 17.3 | 17.4 | 17.8 | 18.5 | 19.4 | 19.0 | 18.3 | 18.1 | 17.7 | 17.5 | 17.3 | 17.3 | 17.5 | 18.2 | 18.9 | 18.3 | 18.1              | 18.5         | 18.3       | 18.3       | 17.9           | 17.6  | 18.0 | 16.6 | 19.6  | 16.8 | 13.6 | 2.8  |
| 2                          | 17.3 | 16.7 | 16.6 | 16.6 | 16.8 | 18.5 | 19.6 | 19.4 | 18.1 | 16.7 | 16.3 | 16.5 | 17.0 | 17.4 | 17.6 | 17.5 | 17.9 | 18.5 | 18.8              | 17.8         | 17.9       | 17.7       | 17.3           | 17.6  | 6.6  | 19.8 | 15.8  | 10.2 | 4.0  |      |
| 3 Q                        | 16.9 | 16.7 | 16.8 | 16.8 | 17.5 | 17.9 | 19.1 | 19.0 | 17.5 | 16.8 | 16.5 | 16.5 | 16.8 | 17.1 | 17.7 | 17.9 | 17.1 | 16.8 | 17.3              | 17.5         | 17.9       | 17.9       | 17.5           | 16.9  | 17.4 | 6.9  | 19.3  | 16.2 | 11.2 | 3.1  |
| 4 Q                        | 17.1 | 16.9 | 17.3 | 17.5 | 18.1 | 18.8 | 19.6 | 20.1 | 17.7 | 16.2 | 15.3 | 16.4 | 17.5 | 17.7 | 17.4 | 17.6 | 17.9 | 18.0 | 19.2              | 18.3         | 18.0       | 17.9       | 17.5           | 17.3  | 17.7 | 7.8  | 22.6  | 14.7 | 10.6 | 7.9  |
| 5                          | 17.1 | 16.9 | 16.9 | 16.9 | 17.1 | 17.9 | 18.6 | 18.5 | 16.6 | 15.8 | 15.8 | 15.6 | 16.0 | 16.8 | 17.3 | 18.5 | 17.4 | 17.1 | 17.7              | 18.6         | 18.8       | 19.0       | 18.2           | 17.7  | 17.4 | 21.7 | 19.2  | 15.5 | 11.2 | 3.7  |
| 6                          | 17.7 | 17.7 | 17.5 | 17.5 | 18.2 | 19.0 | 20.1 | 18.5 | 17.1 | 16.2 | 16.0 | 15.9 | 16.3 | 16.5 | 16.6 | 16.3 | 17.4 | 19.0 | 19.0              | 19.0         | 18.6       | 19.2       | 20.5           | 18.8  | 17.9 | 22.6 | 21.5  | 15.7 | 11.3 | 5.8  |
| 7 D                        | 18.3 | 17.5 | 17.3 | 17.3 | 17.7 | 18.4 | 20.1 | 20.3 | 17.4 | 16.2 | 16.4 | 15.5 | 17.1 | 19.2 | 22.0 | 19.1 | 21.3 | 23.8 | 22.8              | 23.1         | 24.7       | 25.0       | 26.7           | 28.4  | 20.2 | 22.2 | 30.7  | 14.8 | 11.2 | 15.9 |
| 8 D                        | 20.9 | 20.1 | 20.4 | 20.3 | 20.3 | 18.3 | 16.4 | 22.4 | 19.6 | 19.8 | 19.1 | 22.5 | 27.1 | 26.5 | 34.0 | 41.2 | 30.7 | 30.9 | 24.1              | 25.1         | 40.8       | 43.1       | 47.4           | 37.6  | 27.0 | 20.7 | 72.4  | 2.6  | 23.9 | 69.8 |
| 9 D                        | 14.7 | 14.0 | 15.1 | 17.3 | 20.9 | 22.0 | 22.8 | 23.1 | 23.5 | 23.1 | 23.1 | 22.2 | 22.0 | 20.8 | 19.6 | 20.4 | 20.7 | 22.0 | 23.3              | 22.6         | 22.6       | 22.5       | 21.8           | 23.3  | 21.0 | 18.1 | 26.2  | 3.7  | 1.5  | 22.5 |
| 10                         | 21.5 | 21.1 | 21.8 | 21.8 | 21.8 | 22.6 | 23.1 | 22.8 | 21.5 | 20.7 | 20.7 | 21.1 | 21.5 | 21.8 | 21.3 | 20.7 | 21.1 | 20.7 | 20.9              | 21.1         | 20.7       | 20.5       | 20.7           | 19.8  | 21.3 | 6.7  | 23.6  | 19.2 | 23.6 | 4.4  |
| 11                         | 19.5 | 19.0 | 18.7 | 19.2 | 20.5 | 22.2 | 22.5 | 21.8 | 19.9 | 18.8 | 17.3 | 17.1 | 18.4 | 18.4 | 19.0 | 19.0 | 22.6 | 21.7 | 22.4              | 23.3         | 21.9       | 21.5       | 20.6           | 22.0  | 20.6 | 17.3 | 31.0  | 16.7 | 11.3 | 14.3 |
| 12                         | 20.5 | 21.2 | 19.5 | 19.5 | 20.3 | 20.9 | 21.8 | 20.9 | 20.1 | 19.0 | 19.0 | 19.5 | 20.4 | 19.8 | 18.8 | 19.8 | 21.5 | 20.7 | 21.6              | 21.4         | 22.3       | 22.0       | 22.8           | 22.0  | 20.6 | 22.4 | 23.5  | 18.5 | 14.5 | 5.0  |
| 13                         | 21.5 | 20.7 | 20.1 | 20.3 | 20.3 | 21.1 | 21.9 | 21.2 | 20.5 | 19.4 | 18.7 | 17.9 | 18.1 | 18.4 | 18.4 | 18.3 | 18.8 | 19.1 | 20.7              | 22.1         | 22.9       | 22.1       | 20.7           | 21.5  | 20.2 | 19.1 | 23.5  | 17.5 | 11.9 | 6.0  |
| 14                         | 22.5 | 21.1 | 20.3 | 20.0 | 20.7 | 20.8 | 21.3 | 20.6 | 19.6 | 18.5 | 17.9 | 17.5 | 18.1 | 18.6 | 18.8 | 18.1 | 17.7 | 18.4 | 19.2              | 19.4         | 19.2       | 19.4       | 19.0           | 18.8  | 19.4 | 0.2  | 23.3  | 17.3 | 11.7 | 6.0  |
| 15 Q                       | 18.1 | 18.5 | 19.2 | 19.2 | 19.4 | 19.8 | 20.1 | 19.6 | 19.0 | 18.3 | 17.5 | 17.1 | 17.3 | 18.5 | 18.8 | 18.8 | 18.8 | 19.2 | 19.2              | 19.4         | 19.4       | 19.1       | 19.0           | 18.8  | 6.2  | 20.3 | 16.8  | 11.4 | 3.5  |      |
| 16 Q                       | 18.8 | 18.8 | 18.5 | 18.3 | 18.5 | 19.8 | 21.0 | 20.3 | 19.0 | 18.5 | 18.5 | 18.1 | 18.3 | 18.5 | 18.8 | 18.8 | 18.4 | 18.4 | 18.5              | 18.8         | 18.8       | 18.4       | 18.5           | 18.8  | 6.5  | 21.3 | 17.9  | 11.9 | 3.4  |      |
| 17                         | 18.1 | 18.3 | 18.4 | 18.8 | 19.4 | 20.5 | 21.2 | 20.1 | 18.4 | 17.5 | 16.2 | 16.2 | 17.5 | 18.2 | 18.2 | 18.0 | 18.6 | 19.7 | 19.1              | 19.2         | 19.3       | 18.2       | 18.2           | 18.6  | 18.6 | 6.5  | 21.5  | 15.8 | 10.8 | 5.7  |
| 18                         | 20.7 | 20.3 | 19.2 | 18.8 | 20.3 | 20.2 | 20.6 | 19.2 | 18.0 | 17.5 | 16.9 | 17.5 | 18.7 | 19.2 | 19.2 | 18.8 | 20.5 | 19.5 | 18.6              | 18.6         | 18.8       | 18.8       | 17.3           | 17.9  | 19.0 | 16.7 | 21.8  | 16.2 | 22.8 | 5.6  |
| 19                         | 19.4 | 18.9 | 18.4 | 18.6 | 19.5 | 20.1 | 19.7 | 18.4 | 16.4 | 15.8 | 15.0 | 16.4 | 17.9 | 18.3 | 18.5 | 18.6 | 18.6 | 19.0 | 19.0              | 19.2         | 19.5       | 19.0       | 18.6           | 18.6  | 18.4 | 5.9  | 20.5  | 14.5 | 10.8 | 6.0  |
| 20                         | 17.9 | 17.3 | 18.0 | 18.4 | 19.5 | 20.1 | 20.5 | 19.7 | 17.5 | 15.9 | 15.8 | 16.2 | 17.1 | 18.0 | 18.6 | 18.7 | 24.4 | 21.3 | 21.4              | 21.8         | 20.1       | 19.6       | 18.0           | 18.9  | 18.9 | 16.8 | 26.2  | 14.9 | 9.8  | 11.3 |
| 21 D                       | 18.2 | 18.3 | 17.7 | 17.7 | 17.4 | 18.4 | 19.2 | 19.0 | 18.0 | 17.1 | 16.4 | 16.9 | 17.3 | 18.4 | 18.2 | 18.4 | 18.4 | 19.9 | 19.7              | 19.7         | 20.7       | 20.1       | 20.9           | 18.4  | 18.5 | 23.1 | 22.6  | 15.4 | 10.9 | 7.2  |
| 22                         | 20.3 | 18.8 | 17.9 | 18.3 | 18.9 | 19.7 | 20.2 | 20.7 | 20.1 | 18.6 | 17.6 | 17.6 | 18.8 | 19.5 | 18.5 | 19.3 | 27.1 | 21.8 | 21.6              | 22.3         | 20.8       | 20.3       | 19.3           | 17.9  | 19.8 | 16.8 | 31.6  | 17.1 | 12.4 | 14.5 |
| 23 D                       | 16.0 | 17.9 | 15.8 | 17.3 | 17.9 | 18.6 | 19.7 | 20.1 | 19.9 | 19.5 | 18.8 | 18.6 | 19.1 | 20.1 | 25.0 | 26.3 | 25.2 | 22.0 | 21.8              | 22.6         | 18.6       | 20.5       | 20.5           | 19.5  | 20.1 | 16.0 | 29.5  | 14.5 | 0.2  | 15.0 |
| 24                         | 18.4 | 18.1 | 18.2 | 18.2 | 18.4 | 19.5 | 21.0 | 21.0 | 20.1 | 19.2 | 19.0 | 19.5 | 20.2 | 20.9 | 20.1 | 19.7 | 19.3 | 19.7 | 20.5              | 19.9         | 20.1       | 18.2       | 18.9           | 19.1  | 19.5 | 13.9 | 23.1  | 16.6 | 21.4 | 6.5  |
| 25                         | 17.9 | 17.6 | 17.7 | 17.3 | 17.9 | 18.8 | 20.1 | 19.7 | 18.2 | 18.4 | 19.1 | 18.2 | 18.4 | 18.8 | 18.6 | 20.1 | 20.1 | 19.0 | 19.5              | 19.9         | 19.7       | 18.9       | 19.0           | 19.1  | 18.8 | 16.2 | 21.8  | 16.7 | 3.8  | 5.1  |
| 26                         | 18.9 | 17.8 | 17.0 | 18.7 | 19.5 | 20.1 | 19.7 | 19.5 | 18.4 | 17.6 | 17.6 | 18.4 | 18.3 | 20.1 | 20.5 | 25.8 | 20.9 | 19.5 | 20.4              | 19.2         | 19.2       | 19.1       | 19.1           | 17.9  | 19.3 | 15.7 | 28.0  | 14.6 | 23.9 | 13.4 |
| 27                         | 17.1 | 17.9 | 18.5 | 16.9 | 18.4 | 19.5 | 20.5 | 20.5 | 19.5 | 18.6 | 17.9 | 19.5 | 18.2 | 17.9 | 18.2 | 18.3 | 18.5 | 18.8 | 19.6              | 20.7         | 19.7       | 19.0       | 18.2           | 19.3  | 18.8 | 19.1 | 21.6  | 16.2 | 3.5  | 5.4  |
| 28                         | 19.5 | 19.2 | 18.8 | 18.4 | 19.5 | 21.2 | 21.7 | 20.9 | 19.5 | 17.1 | 16.2 | 16.9 | 16.7 | 17.4 | 18.7 | 21.4 | 20.3 | 22.7 | 20.9              | 24.6         | 21.6       | 19.0       | 19.5           | 18.2  | 19.6 | 19.4 | 26.1  | 16.0 | 10.8 | 10.1 |
| 29                         |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                   |              |            |            |                |       |      |      |       |      |      |      |
| 30                         |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                   |              |            |            |                |       |      |      |       |      |      |      |
| 31                         |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                   |              |            |            |                |       |      |      |       |      |      |      |
| Среднее по<br>всем дням    | 18.7 | 18.4 | 18.2 | 18.3 | 19.0 | 19.8 | 20.4 | 20.2 | 18.9 | 18.0 | 17.6 | 17.8 | 18.5 | 18.9 | 19.5 | 20.1 | 20.3 | 20.4 | 20.2              | 20.5         | 20.7       | 20.5       | 20.5           | 20.0  | 19.4 |      | 25.4  | 15.3 |      | 10.1 |
| Среднее по<br>сп. дням     | 17.7 | 17.7 | 17.8 | 17.8 | 18.3 | 19.0 | 19.8 | 19.6 | 18.3 | 17.6 | 17.1 | 17.1 | 17.4 | 17.8 | 18.0 | 18.3 | 18.2 | 18.1 | 18.5              | 18.5         | 18.5       | 18.5       | 18.1           | 17.9  | 18.2 |      | 20.6  | 16.5 |      | 4.1  |
| Среднее по<br>возмущ. дням | 17.6 | 17.6 | 17.3 | 18.0 | 18.8 | 19.1 | 19.6 | 21.0 | 19.7 | 19.1 | 18.8 | 19.1 | 20.5 | 21.0 | 23.8 | 25.1 | 23.3 | 23.6 | 22.3              | 22.6         | 25.5       | 26.2       | 27.5           | 25.4  | 21.4 |      | 36.3  | 10.2 |      | 26.1 |
| Сумма по<br>всем дням      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                   |              |            |            |                |       |      |      |       |      |      |      |
| Сумма по<br>сп. дням       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                   |              |            |            |                |       |      |      |       |      |      |      |
| Сумма по<br>возмущ. дням   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                   |              |            |            |                |       |      |      |       |      |      |      |

Обсерватория Душети (Жбмшси)

Среднемесячн. H = 24033<sup>+</sup>

Элемент Горизонтальная составляющая

Месяц Февраль год 1986

H = 24040<sup>+</sup> + = ° =

| Время<br>жирное            |      |      |     |      |      |     |     |     |      |      |      |      |      |      |     |      |      |      |     |     |     |     |      |      | Средн.<br>суточн. | Время<br>тах | Maxi<br>tum | Mini<br>tum | время<br>minim | Ампл. |  |  | Сумма |  |
|----------------------------|------|------|-----|------|------|-----|-----|-----|------|------|------|------|------|------|-----|------|------|------|-----|-----|-----|-----|------|------|-------------------|--------------|-------------|-------------|----------------|-------|--|--|-------|--|
| Дни                        | 1    | 2    | 3   | 4    | 5    | 6   | 7   | 8   | 9    | 10   | 11   | 12   | 13   | 14   | 15  | 16   | 17   | 18   | 19  | 20  | 21  | 22  | 23   | 24   |                   |              |             |             |                |       |  |  |       |  |
| 1 Q                        | 16   | 17   | 17  | 21   | 25   | 32  | 32  | 31  | 28   | 32   | 35   | 28   | 23   | 22   | 17  | 11   | 7    | 16   | 23  | 23  | 25  | 25  | 27   | 25   | 23                | 10.3         | 39          | -1          | 16.1           | 40    |  |  |       |  |
| 2                          | 23   | 25   | 30  | 32   | 39   | 41  | 33  | 22  | 19   | 27   | 32   | 35   | 31   | 27   | 31  | 27   | 23   | 17   | 15  | 21  | 34  | 26  | 26   | 26   | 28                | 5.4          | 45          | 10          | 19.1           | 35    |  |  |       |  |
| 3 Q                        | 26   | 26   | 29  | 33   | 38   | 35  | 40  | 33  | 28   | 24   | 25   | 29   | 25   | 27   | 29  | 29   | 35   | 38   | 33  | 33  | 28  | 31  | 34   | 30   | 31                | 6.4          | 43          | 22          | 9.2            | 21    |  |  |       |  |
| 4 Q                        | 25   | 25   | 28  | 27   | 27   | 29  | 31  | 27  | 23   | 30   | 33   | 37   | 35   | 33   | 28  | 25   | 25   | 21   | 25  | 26  | 27  | 26  | 26   | 29   | 28                | 11.6         | 39          | 18          | 17.4           | 21    |  |  |       |  |
| 5                          | 28   | 31   | 31  | 33   | 39   | 40  | 39  | 29  | 31   | 32   | 29   | 34   | 33   | 28   | 25  | 23   | 29   | 31   | 24  | 22  | 18  | 15  | 22   | 27   | 29                | 5.9          | 45          | 9           | 21.7           | 36    |  |  |       |  |
| 6                          | 21   | 19   | 23  | 25   | 33   | 39  | 45  | 36  | 29   | 27   | 27   | 21   | 12   | 35   | 41  | 21   | -9   | -14  | 11  | 17  | 12  | 11  | 35   | 29   | 23                | 6.6          | 52          | -33         | 17.0           | 85    |  |  |       |  |
| 7 D                        | 23   | 29   | 32  | 37   | 36   | 29  | 28  | 27  | 32   | 4    | -58  | -65  | -65  | -80  | -67 | -87  | -81  | -50  | -73 | -44 | -23 | 59  | -59  | -51  | -19               | 21.4         | 153         | -134        | 16.8           | 287   |  |  |       |  |
| 8 D                        | -63  | -53  | -65 | -51  | -46  | -68 | -49 | -80 | -108 | -129 | -151 | -151 | -147 | -145 | -55 | -171 | -161 | -151 | -80 | -57 | 83  | 49  | -194 | -158 | -92               | 20.9         | 251         | -241        | 23.7           | 492   |  |  |       |  |
| 9 D                        | -159 | -137 | -95 | -129 | -112 | -97 | -66 | -66 | -69  | -63  | -66  | -69  | -69  | -62  | -63 | -79  | -72  | -71  | -63 | -86 | -73 | -65 | -60  | -62  | -81               | 17.9         | 95          | -234        | 1.1            | 32.9  |  |  |       |  |
| 10                         | -66  | -61  | -59 | -55  | -48  | -45 | -48 | -54 | -57  | -58  | -55  | -51  | -51  | -51  | -50 | -47  | -48  | -45  | -44 | -45 | -39 | -36 | -41  | -33  | -49               | 20.9         | -13         | -70         | 0.1            | 57    |  |  |       |  |
| 11                         | -33  | -32  | -27 | -27  | -27  | -36 | -37 | -35 | -35  | -37  | -39  | -50  | -67  | -47  | -25 | -25  | -62  | -63  | -62 | -55 | -39 | -19 | -15  | -36  | -39               | 22.0         | 9           | -85         | 16.8           | 94    |  |  |       |  |
| 12                         | -31  | -32  | -36 | -33  | -24  | -14 | -29 | -31 | -31  | -36  | -37  | -39  | -37  | -34  | -34 | -25  | -21  | -39  | -33 | -3  | -33 | -33 | -33  | -33  | -30               | 19.3         | 14          | -45         | 18.2           | 59    |  |  |       |  |
| 13                         | -31  | -25  | -19 | -17  | -13  | -7  | -12 | -21 | -25  | -21  | -27  | -31  | -36  | -33  | -23 | -27  | -26  | -24  | -19 | -9  | -25 | -30 | -11  | 3    | -21               | 23.2         | 18          | -38         | 12.6           | 56    |  |  |       |  |
| 14                         | -23  | -27  | -25 | -11  | -9   | -7  | -9  | -13 | -19  | -19  | -19  | -19  | -14  | -7   | 1   | 3    | 1    | 5    | -3  | -3  | 2   | -3  | -4   | -6   | -10               | 21.2         | 28          | -31         | 2.4            | 59    |  |  |       |  |
| 15 Q                       | 3    | -5   | -13 | -5   | 8    | 3   | -1  | -7  | -13  | -13  | -11  | -13  | -5   | 1    | -1  | -1   | -3   | -2   | -6  | -6  | -6  | -6  | -5   | -7   | -5                | 4.4          | 15          | -17         | 11.7           | 32    |  |  |       |  |
| 16 Q                       | -6   | -4   | 2   | 5    | 11   | 13  | 8   | 2   | 1    | 2    | 1    | -1   | 3    | 1    | 3   | 3    | 1    | 3    | 7   | 8   | 8   | 9   | 14   | 5    | 4                 | 22.3         | 27          | -8          | 0.1            | 35    |  |  |       |  |
| 17                         | 9    | 6    | 8   | 6    | 10   | 9   | 4   | -3  | -2   | 5    | 12   | 7    | 8    | 11   | 7   | 7    | 1    | 4    | -2  | -1  | -2  | 19  | 10   | 10   | 6                 | 21.4         | 31          | -7          | 8.1            | 38    |  |  |       |  |
| 18                         | -3   | -11  | -7  | -6   | -5   | -5  | -14 | -20 | -23  | -18  | -15  | -14  | -11  | -1   | 3   | 2    | 1    | 1    | 1   | 1   | 2   | 7   | 16   | 33   | -4                | 23.3         | 41          | -26         | 8.3            | 67    |  |  |       |  |
| 19                         | 10   | 10   | 13  | 13   | 5    | -8  | -17 | -26 | -25  | -17  | -7   | -5   | 1    | 5    | 2   | 1    | 1    | 2    | 4   | -2  | 6   | 5   | 6    | 6    | -1                | 0.1          | 19          | -31         | 7.9            | 50    |  |  |       |  |
| 20                         | 7    | 14   | 12  | 7    | 8    | 7   | -7  | -7  | -2   | 1    | -2   | -1   | -21  | -2   | -2  | -9   | -20  | -20  | -27 | -18 | 4   | -3  | 3    | 5    | -3                | 1.3          | 19          | -33         | 18.6           | 52    |  |  |       |  |
| 21 D                       | -4   | 1    | -2  | -2   | 6    | 19  | 13  | 7   | 7    | -20  | -32  | -22  | -8   | -8   | 1   | -2   | -2   | -5   | -2  | -2  | 13  | 1   | 16   | 30   | 0                 | 23.5         | 44          | -46         | 11.1           | 90    |  |  |       |  |
| 22                         | 4    | -14  | -13 | -2   | 10   | 5   | -14 | 7   | 11   | 1    | -17  | -17  | -20  | -13  | -7  | -11  | -41  | -34  | -17 | -5  | 14  | -4  | -5   | 7    | -7                | 21.1         | 23          | -59         | 16.5           | 82    |  |  |       |  |
| 23 D                       | 10   | -5   | -14 | -1   | -1   | -8  | 4   | 4   | -10  | -25  | -17  | -17  | -11  | -16  | -23 | -6   | -25  | -27  | -26 | -10 | 34  | -5  | -13  | -8   | -9                | 20.3         | 58          | -56         | 16.4           | 114   |  |  |       |  |
| 24                         | -5   | -5   | -2  | -1   | -4   | -7  | 1   | -1  | -9   | -10  | -16  | -9   | -22  | -23  | -8  | -5   | 1    | 2    | 1   | 1   | 0   | 14  | 8    | 0    | -4                | 21.2         | 34          | -29         | 13.6           | 63    |  |  |       |  |
| 25                         | -1   | 1    | 9   | -2   | 7    | 13  | 5   | 5   | -2   | -6   | -2   | 11   | 1    | -6   | -4  | -7   | -3   | 1    | 14  | 13  | 1   | 23  | 1    | 0    | 3                 | 21.6         | 35          | -17         | 13.3           | 52    |  |  |       |  |
| 26                         | 1    | 5    | 10  | 9    | 11   | 4   | -1  | -6  | -11  | -10  | -11  | -11  | -19  | -9   | -29 | -11  | -30  | -13  | 11  | 5   | -2  | 1   | -2   | 3    | -4                | 18.9         | 26          | -44         | 16.2           | 70    |  |  |       |  |
| 27                         | 8    | 8    | -1  | -8   | 13   | 4   | 1   | -5  | -2   | -8   | -15  | -29  | -1   | 1    | 1   | 1    | 2    | -2   | -3  | 11  | 9   | 2   | 10   | 10   | 0                 | 0.1          | 21          | -43         | 11.4           | 64    |  |  |       |  |
| 28                         | 1    | 2    | -2  | -2   | 10   | 14  | 13  | 4   | 0    | 1    | 2    | -14  | -2   | -3   | 3   | -6   | -20  | 4    | 26  | -20 | -20 | 4   | -1   | -5   | 0                 | 18.0         | 50          | -33         | 16.9           | 83    |  |  |       |  |
| 29                         |      |      |     |      |      |     |     |     |      |      |      |      |      |      |     |      |      |      |     |     |     |     |      |      |                   |              |             |             |                |       |  |  |       |  |
| 30                         |      |      |     |      |      |     |     |     |      |      |      |      |      |      |     |      |      |      |     |     |     |     |      |      |                   |              |             |             |                |       |  |  |       |  |
| 31                         |      |      |     |      |      |     |     |     |      |      |      |      |      |      |     |      |      |      |     |     |     |     |      |      |                   |              |             |             |                |       |  |  |       |  |
| Среднее по<br>всем дням    | -8   | -7   | -5  | -4   | 2    | 1   | 0   | -5  | -8   | -11  | -14  | -15  | -16  | -12  | -7  | -13  | -18  | -15  | -9  | -7  | 2   | 4   | -7   | -4   | -7                |              | 45          | -46         |                | 92    |  |  |       |  |
| Среднее по<br>сп. дням     | 13   | 12   | 13  | 16   | 22   | 22  | 22  | 17  | 13   | 15   | 17   | 16   | 16   | 17   | 15  | 13   | 13   | 15   | 16  | 17  | 16  | 17  | 19   | 16   | 16                |              | 33          | 3           |                | 30    |  |  |       |  |
| Среднее по<br>возмущ. дням | -39  | -33  | -29 | -29  | -23  | -25 | -14 | -22 | -30  | -47  | -65  | -65  | -60  | 62   | -41 | -69  | -68  | -61  | -49 | -40 | 7   | 8   | -62  | -50  | -40               |              | 120         | -142        |                | 262   |  |  |       |  |
| Сумма по<br>всем дням      |      |      |     |      |      |     |     |     |      |      |      |      |      |      |     |      |      |      |     |     |     |     |      |      |                   |              |             |             |                |       |  |  |       |  |
| Сумма по<br>сп. дням       |      |      |     |      |      |     |     |     |      |      |      |      |      |      |     |      |      |      |     |     |     |     |      |      |                   |              |             |             |                |       |  |  |       |  |
| Сумма по<br>возмущ. дням   |      |      |     |      |      |     |     |     |      |      |      |      |      |      |     |      |      |      |     |     |     |     |      |      |                   |              |             |             |                |       |  |  |       |  |

Условные обозначения: Δ — погасла лампа; > или < — запись вышла за бумагу; □ — остановились часы  
Длины причины отсутств. записи. Величины, взятые приближенно с магнитограммы — ( )

Обработал а Шермадини У.Н Проверил а Эбрешидзе М.А.

Обсерватория Душети (ГГБилиси)

Среднемесячн.  $\bar{I} = 42204^+$

Элемент Вертикальная составляющая

Месяц Февраль год 1986

$\bar{I} = 42080^+$  =                      ° =                     

| Время<br>январе            |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | Средн.<br>суточн. | Время<br>тах | Max<br>тит | Min<br>тит | время<br>minim | Ампл. |    |  | Сумма |  |  |
|----------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------------------|--------------|------------|------------|----------------|-------|----|--|-------|--|--|
| Дни                        | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24                |              |            |            |                |       |    |  |       |  |  |
| 1 Q                        | 116 | 116 | 115 | 115 | 115 | 119 | 122 | 121 | 118 | 113 | 113 | 114 | 114 | 115 | 116 | 117 | 118 | 118 | 117 | 117 | 116 | 115 | 114 | 114               | 116          | 6.8        | 123        | 110            | 10.2  | 13 |  |       |  |  |
| 2                          | 114 | 113 | 113 | 114 | 114 | 115 | 115 | 111 | 109 | 107 | 110 | 114 | 116 | 114 | 114 | 115 | 115 | 115 | 116 | 115 | 113 | 114 | 114 | 113               | 113          | 12.3       | 117        | 106            | 9.6   | 11 |  |       |  |  |
| 3 Q                        | 113 | 112 | 112 | 112 | 112 | 112 | 113 | 113 | 111 | 111 | 113 | 115 | 114 | 113 | 114 | 114 | 114 | 114 | 115 | 114 | 114 | 114 | 112 | 112               | 113          | 18.9       | 116        | 110            | 8.8   | 6  |  |       |  |  |
| 4 Q                        | 112 | 112 | 113 | 114 | 114 | 116 | 115 | 110 | 109 | 112 | 116 | 118 | 117 | 115 | 113 | 114 | 114 | 115 | 115 | 115 | 114 | 114 | 113 | 113               | 114          | 11.9       | 119        | 103            | 7.9   | 16 |  |       |  |  |
| 5                          | 113 | 113 | 113 | 112 | 111 | 111 | 113 | 109 | 105 | 107 | 113 | 116 | 114 | 114 | 114 | 115 | 115 | 114 | 115 | 115 | 116 | 116 | 114 | 113               | 113          | 11.4       | 117        | 104            | 8.9   | 13 |  |       |  |  |
| 6                          | 114 | 114 | 114 | 114 | 112 | 109 | 101 | 99  | 99  | 99  | 103 | 108 | 112 | 111 | 111 | 115 | 120 | 122 | 120 | 119 | 118 | 118 | 114 | 114               | 112          | 17.0       | 124        | 97             | 6.7   | 27 |  |       |  |  |
| 7 D                        | 114 | 113 | 113 | 111 | 111 | 113 | 109 | 105 | 100 | 105 | 115 | 119 | 128 | 140 | 139 | 142 | 146 | 143 | 142 | 136 | 129 | 109 | 120 | 115               | 122          | 16.8       | 156        | 94             | 21.5  | 62 |  |       |  |  |
| 8 D                        | 118 | 121 | 127 | 129 | 125 | 125 | 119 | 121 | 125 | 133 | 145 | 153 | 161 | 167 | 152 | 163 | 165 | 164 | 149 | 143 | 117 | 111 | 139 | 128               | 138          | 13.4       | 173        | 76             | 20.9  | 97 |  |       |  |  |
| 9 D                        | 101 | 93  | 107 | 127 | 133 | 133 | 126 | 125 | 127 | 130 | 132 | 134 | 137 | 138 | 137 | 141 | 141 | 141 | 142 | 144 | 141 | 139 | 138 | 137               | 131          | 19.0       | 148        | 80             | 1.7   | 68 |  |       |  |  |
| 10                         | 138 | 138 | 138 | 136 | 136 | 139 | 139 | 139 | 136 | 135 | 138 | 141 | 141 | 139 | 137 | 137 | 137 | 137 | 137 | 137 | 135 | 134 | 134 | 133               | 137          | 12.3       | 142        | 131            | 23.6  | 11 |  |       |  |  |
| 11                         | 133 | 132 | 132 | 133 | 136 | 137 | 135 | 129 | 124 | 123 | 128 | 133 | 137 | 136 | 134 | 134 | 140 | 141 | 143 | 142 | 139 | 135 | 132 | 133               | 134          | 18.3       | 146        | 122            | 9.5   | 24 |  |       |  |  |
| 12                         | 133 | 132 | 132 | 132 | 133 | 133 | 133 | 130 | 130 | 130 | 129 | 131 | 131 | 134 | 136 | 135 | 134 | 137 | 137 | 131 | 135 | 134 | 133 | 133               | 133          | 18.3       | 140        | 129            | 10.5  | 11 |  |       |  |  |
| 13                         | 133 | 133 | 131 | 130 | 129 | 126 | 125 | 124 | 123 | 123 | 125 | 128 | 130 | 132 | 132 | 133 | 134 | 134 | 134 | 133 | 135 | 135 | 133 | 128               | 130          | 21.2       | 136        | 122            | 8.2   | 14 |  |       |  |  |
| 14                         | 129 | 130 | 130 | 129 | 127 | 125 | 121 | 120 | 121 | 121 | 121 | 125 | 129 | 130 | 129 | 129 | 129 | 128 | 130 | 129 | 129 | 129 | 129 | 128               | 127          | 13.2       | 132        | 118            | 7.9   | 14 |  |       |  |  |
| 15 Q                       | 127 | 127 | 128 | 126 | 124 | 122 | 121 | 117 | 118 | 121 | 122 | 126 | 129 | 128 | 127 | 128 | 128 | 128 | 129 | 129 | 128 | 128 | 128 | 127               | 126          | 12.6       | 130        | 116            | 7.8   | 14 |  |       |  |  |
| 16 Q                       | 127 | 127 | 126 | 126 | 128 | 129 | 127 | 122 | 119 | 118 | 120 | 126 | 128 | 128 | 128 | 127 | 127 | 127 | 127 | 126 | 126 | 125 | 123 | 124               | 125          | 5.9        | 130        | 117            | 10.2  | 13 |  |       |  |  |
| 17                         | 124 | 124 | 125 | 125 | 128 | 131 | 124 | 120 | 117 | 115 | 115 | 120 | 123 | 123 | 123 | 124 | 125 | 125 | 127 | 127 | 126 | 122 | 122 | 121               | 123          | 5.5        | 131        | 115            | 10.1  | 16 |  |       |  |  |
| 18                         | 121 | 124 | 124 | 126 | 129 | 127 | 122 | 122 | 123 | 120 | 123 | 127 | 129 | 129 | 127 | 127 | 126 | 127 | 127 | 127 | 125 | 123 | 118 | 125               | 13.0         | 131        | 117        | 23.6           | 14    |    |  |       |  |  |
| 19                         | 121 | 121 | 121 | 122 | 123 | 121 | 112 | 109 | 110 | 113 | 118 | 126 | 127 | 125 | 123 | 123 | 124 | 125 | 125 | 126 | 124 | 124 | 124 | 123               | 121          | 12.3       | 128        | 108            | 7.4   | 20 |  |       |  |  |
| 20                         | 123 | 122 | 121 | 121 | 121 | 120 | 117 | 112 | 112 | 114 | 115 | 120 | 127 | 125 | 124 | 127 | 129 | 131 | 132 | 130 | 127 | 126 | 125 | 122               | 123          | 18.9       | 133        | 111            | 7.9   | 22 |  |       |  |  |
| 21 D                       | 123 | 122 | 123 | 123 | 121 | 120 | 119 | 117 | 117 | 120 | 119 | 120 | 124 | 127 | 127 | 126 | 127 | 127 | 128 | 128 | 125 | 125 | 122 | 119               | 123          | 18.7       | 129        | 115            | 8.3   | 14 |  |       |  |  |
| 22                         | 118 | 122 | 123 | 123 | 124 | 125 | 125 | 119 | 116 | 119 | 119 | 120 | 126 | 128 | 128 | 128 | 133 | 132 | 131 | 129 | 125 | 126 | 126 | 124               | 125          | 16.4       | 136        | 115            | 8.1   | 21 |  |       |  |  |
| 23 D                       | 121 | 121 | 123 | 121 | 125 | 127 | 125 | 118 | 117 | 123 | 123 | 121 | 123 | 127 | 129 | 132 | 130 | 131 | 131 | 129 | 123 | 124 | 126 | 125               | 125          | 16.4       | 135        | 115            | 8.3   | 20 |  |       |  |  |
| 24                         | 125 | 124 | 123 | 124 | 127 | 129 | 126 | 121 | 119 | 121 | 121 | 121 | 125 | 127 | 126 | 127 | 126 | 126 | 125 | 125 | 125 | 122 | 122 | 123               | 124          | 5.9        | 130        | 118            | 8.4   | 12 |  |       |  |  |
| 25                         | 124 | 123 | 121 | 123 | 123 | 125 | 123 | 115 | 112 | 116 | 119 | 119 | 123 | 124 | 124 | 125 | 125 | 125 | 124 | 123 | 123 | 120 | 122 | 122               | 122          | 16.7       | 128        | 112            | 8.6   | 16 |  |       |  |  |
| 26                         | 123 | 123 | 122 | 122 | 123 | 123 | 122 | 116 | 111 | 113 | 115 | 122 | 123 | 123 | 129 | 127 | 131 | 129 | 124 | 125 | 125 | 125 | 125 | 124               | 123          | 16.3       | 134        | 110            | 8.7   | 24 |  |       |  |  |
| 27                         | 121 | 120 | 122 | 123 | 121 | 120 | 119 | 117 | 115 | 118 | 122 | 125 | 123 | 123 | 125 | 125 | 125 | 125 | 126 | 124 | 123 | 124 | 122 | 121               | 122          | 18.6       | 127        | 114            | 8.3   | 13 |  |       |  |  |
| 28                         | 121 | 121 | 122 | 123 | 124 | 125 | 122 | 117 | 111 | 109 | 111 | 117 | 120 | 124 | 124 | 126 | 129 | 126 | 123 | 127 | 128 | 125 | 124 | 125               | 122          | 16.9       | 131        | 108            | 9.8   | 23 |  |       |  |  |
| 29                         |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                   |              |            |            |                |       |    |  |       |  |  |
| 30                         |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                   |              |            |            |                |       |    |  |       |  |  |
| 31                         |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                   |              |            |            |                |       |    |  |       |  |  |
| Среднее по<br>всем дням    | 121 | 121 | 122 | 123 | 123 | 123 | 121 | 118 | 116 | 117 | 120 | 124 | 126 | 127 | 126 | 128 | 129 | 129 | 128 | 127 | 125 | 124 | 124 | 123               | 124          |            | 133        | 110            |       | 22 |  |       |  |  |
| Среднее по<br>сп. дням     | 119 | 119 | 119 | 119 | 119 | 120 | 120 | 117 | 115 | 115 | 117 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 121 | 120 | 120 | 119 | 118 | 118               | 119          |            | 124        | 111            |       | 12 |  |       |  |  |
| Среднее по<br>возмущ. дням | 115 | 114 | 119 | 122 | 123 | 124 | 120 | 117 | 117 | 122 | 127 | 129 | 135 | 140 | 137 | 141 | 142 | 141 | 138 | 136 | 127 | 122 | 129 | 125               | 128          |            | 148        | 96             |       | 52 |  |       |  |  |
| Сумма по<br>всем дням      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                   |              |            |            |                |       |    |  |       |  |  |
| Сумма по<br>сп. дням       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                   |              |            |            |                |       |    |  |       |  |  |
| Сумма по<br>возмущ. дням   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                   |              |            |            |                |       |    |  |       |  |  |

Месяц Март год 1986

Ф = 4°50'0 +        =        ° =

| Время<br>мировое |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | Средн.<br>суточн. | Время<br>тах | Max<br>тит | Mini<br>тит | время<br>minim | Ампл. |      |      | Сумма |      |      |      |      |    |    |    |
|------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------------------|--------------|------------|-------------|----------------|-------|------|------|-------|------|------|------|------|----|----|----|
|                  | Дни  | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   |                   |              |            |             |                |       |      |      |       | 17   | 18   | 19   | 20   | 21 | 22 | 23 |
| 1                | 17.8 | 17.5 | 19.0 | 18.6 | 18.8 | 19.2 | 19.3 | 19.4 | 18.8 | 17.8 | 17.1 | 17.3 | 18.0 | 17.7 | 17.9 | 20.8 | 23.3 | 19.6              | 20.9         | 20.7       | 19.4        | 18.8           | 18.8  | 17.5 | 18.9 | 16.1  | 26.5 | 16.8 | 10.2 | 9.7  |    |    |    |
| 2                | 18.5 | 18.2 | 17.7 | 17.3 | 17.3 | 17.9 | 19.2 | 19.4 | 19.0 | 18.1 | 17.1 | 17.7 | 17.9 | 17.7 | 17.9 | 18.4 | 18.7 | 18.5              | 18.8         | 19.4       | 19.4        | 18.5           | 18.3  | 18.3 | 18.3 | 20.1  | 19.8 | 16.4 | 11.4 | 3.4  |    |    |    |
| 3                | 18.1 | 18.4 | 18.1 | 18.1 | 18.5 | 19.7 | 20.9 | 20.1 | 18.5 | 17.7 | 16.9 | 16.7 | 16.7 | 18.1 | 18.3 | 18.1 | 17.9 | 18.0              | 17.5         | 19.0       | 17.9        | 19.6           | 20.7  | 21.3 | 18.5 | 23.2  | 24.3 | 16.5 | 11.2 | 7.8  |    |    |    |
| 4                | 19.4 | 19.0 | 18.5 | 18.4 | 19.0 | 19.8 | 20.1 | 19.5 | 17.7 | 16.4 | 16.7 | 16.9 | 17.5 | 17.5 | 17.8 | 17.7 | 17.7 | 18.4              | 18.8         | 19.7       | 20.5        | 20.1           | 19.8  | 19.1 | 18.6 | 20.8  | 20.8 | 16.2 | 9.2  | 4.6  |    |    |    |
| 5                | 19.0 | 18.7 | 18.3 | 17.9 | 18.2 | 19.1 | 20.3 | 20.1 | 18.8 | 17.7 | 16.4 | 16.1 | 16.5 | 16.8 | 17.4 | 17.5 | 18.4 | 20.8              | 20.3         | 20.5       | 20.8        | 21.5           | 21.2  | 20.7 | 18.9 | 21.6  | 22.0 | 16.0 | 11.7 | 6.0  |    |    |    |
| 6 D              | 19.5 | 20.5 | 18.3 | 17.9 | 19.0 | 19.2 | 19.0 | 18.3 | 16.6 | 15.1 | 13.8 | 14.3 | 14.8 | 17.0 | 19.4 | 19.6 | 22.8 | 22.2              | 23.3         | 24.8       | 24.3        | 23.9           | 23.5  | 18.1 | 19.4 | 20.1  | 25.4 | 13.1 | 10.8 | 12.3 |    |    |    |
| 7 D              | 19.2 | 20.3 | 19.4 | 18.8 | 19.0 | 20.3 | 20.6 | 19.2 | 18.2 | 17.9 | 19.0 | 19.0 | 18.8 | 19.5 | 20.9 | 21.4 | 23.3 | 19.4              | 21.1         | 23.7       | 23.8        | 20.3           | 21.8  | 19.8 | 20.2 | 16.6  | 27.1 | 16.6 | 9.1  | 10.5 |    |    |    |
| 8 D              | 18.6 | 18.3 | 19.9 | 20.1 | 21.0 | 21.5 | 21.5 | 21.1 | 19.2 | 17.3 | 17.7 | 17.9 | 18.8 | 21.5 | 20.5 | 19.4 | 19.4 | 21.3              | 20.7         | 19.9       | 20.7        | 20.4           | 19.2  | 19.3 | 19.8 | 17.6  | 23.5 | 17.0 | 9.7  | 6.5  |    |    |    |
| 9 Q              | 18.8 | 19.0 | 18.9 | 18.8 | 19.4 | 20.5 | 20.8 | 20.0 | 18.6 | 17.7 | 17.0 | 16.4 | 17.1 | 17.9 | 18.3 | 18.1 | 18.1 | 18.1              | 18.2         | 18.4       | 18.4        | 18.4           | 18.3  | 18.2 | 18.5 | 6.5   | 21.1 | 16.2 | 11.5 | 4.9  |    |    |    |
| 10 Q             | 18.2 | 18.2 | 18.1 | 18.0 | 19.0 | 20.3 | 21.5 | 20.3 | 17.9 | 15.8 | 15.3 | 15.8 | 16.7 | 17.6 | 17.9 | 17.6 | 17.3 | 17.7              | 17.9         | 17.9       | 18.1        | 18.1           | 18.0  | 18.1 | 18.0 | 6.6   | 21.8 | 15.1 | 10.1 | 6.7  |    |    |    |
| 11 Q             | 17.9 | 18.1 | 18.1 | 18.1 | 18.4 | 19.6 | 20.6 | 19.0 | 16.0 | 13.6 | 13.4 | 14.3 | 15.8 | 17.5 | 18.1 | 17.7 | 17.5 | 17.5              | 17.9         | 19.0       | 19.2        | 18.4           | 18.1  | 18.1 | 17.6 | 6.4   | 20.9 | 13.1 | 10.3 | 7.8  |    |    |    |
| 12               | 18.1 | 18.3 | 18.5 | 18.6 | 19.1 | 20.3 | 21.3 | 20.1 | 16.7 | 14.0 | 13.7 | 14.5 | 15.8 | 17.0 | 17.5 | 17.3 | 17.0 | 17.3              | 17.7         | 17.7       | 17.7        | 17.6           | 17.5  | 18.4 | 17.6 | 6.6   | 21.5 | 13.4 | 9.9  | 8.1  |    |    |    |
| 13               | 18.3 | 18.1 | 15.5 | 17.1 | 18.0 | 18.9 | 19.2 | 18.3 | 16.4 | 15.4 | 15.5 | 16.0 | 16.6 | 18.1 | 18.8 | 19.2 | 22.0 | 19.1              | 18.8         | 19.0       | 19.4        | 20.5           | 20.7  | 20.9 | 18.3 | 16.3  | 24.5 | 14.2 | 2.6  | 10.3 |    |    |    |
| 14               | 20.3 | 17.9 | 18.5 | 19.4 | 20.1 | 21.1 | 21.1 | 19.5 | 17.8 | 16.8 | 16.2 | 16.2 | 17.0 | 17.6 | 17.1 | 16.8 | 17.0 | 17.7              | 18.8         | 19.2       | 19.2        | 18.6           | 18.5  | 18.1 | 18.4 | 6.4   | 21.5 | 16.0 | 11.1 | 5.5  |    |    |    |
| 15               | 18.1 | 18.3 | 18.3 | 18.3 | 18.8 | 19.0 | 19.0 | 17.6 | 16.2 | 15.1 | 14.7 | 15.4 | 16.4 | 17.9 | 18.0 | 17.8 | 17.9 | 17.9              | 18.2         | 19.6       | 20.9        | 19.7           | 19.6  | 18.8 | 18.0 | 20.6  | 22.0 | 14.5 | 10.6 | 7.5  |    |    |    |
| 16               | 18.6 | 18.4 | 18.4 | 18.6 | 19.8 | 20.4 | 20.4 | 19.2 | 17.1 | 16.2 | 15.5 | 16.0 | 17.0 | 17.1 | 17.1 | 17.3 | 17.4 | 17.7              | 18.5         | 18.8       | 18.5        | 18.5           | 18.3  | 18.4 | 18.0 | 5.5   | 20.8 | 15.3 | 10.5 | 5.5  |    |    |    |
| 17               | 17.9 | 17.7 | 17.9 | 18.3 | 19.4 | 20.7 | 20.9 | 19.5 | 17.3 | 16.0 | 14.9 | 14.9 | 15.6 | 16.8 | 17.1 | 17.1 | 17.0 | 17.3              | 17.5         | 17.9       | 18.4        | 18.1           | 18.1  | 18.3 | 17.7 | 6.6   | 21.3 | 14.3 | 10.8 | 7.0  |    |    |    |
| 18               | 17.7 | 17.5 | 17.5 | 17.6 | 18.5 | 19.6 | 19.4 | 16.7 | 14.9 | 13.2 | 13.2 | 15.4 | 17.0 | 17.7 | 18.6 | 20.5 | 19.2 | 19.2              | 18.8         | 19.0       | 18.4        | 18.1           | 18.1  | 18.3 | 17.7 | 15.5  | 21.3 | 12.7 | 9.8  | 8.6  |    |    |    |
| 19               | 18.2 | 18.1 | 18.0 | 17.7 | 19.0 | 20.0 | 19.6 | 18.0 | 15.6 | 14.1 | 14.5 | 15.8 | 17.0 | 18.3 | 18.8 | 18.4 | 19.9 | 19.4              | 18.8         | 18.1       | 18.1        | 18.3           | 17.9  | 18.4 | 17.9 | 16.8  | 20.5 | 13.6 | 9.9  | 6.9  |    |    |    |
| 20 Q             | 18.3 | 18.3 | 18.5 | 18.5 | 19.4 | 20.3 | 20.5 | 18.9 | 16.7 | 15.5 | 15.1 | 15.8 | 16.5 | 17.3 | 17.7 | 17.3 | 17.3 | 17.5              | 18.3         | 17.7       | 17.5        | 17.6           | 17.7  | 17.9 | 17.8 | 6.2   | 20.7 | 14.9 | 10.2 | 5.8  |    |    |    |
| 21               | 17.9 | 18.1 | 18.5 | 19.2 | 20.0 | 20.5 | 19.6 | 17.5 | 15.5 | 14.0 | 13.8 | 14.7 | 16.0 | 20.3 | 20.5 | 17.1 | 18.5 | 19.3              | 20.1         | 20.1       | 19.6        | 18.5           | 18.5  | 16.6 | 18.1 | 14.0  | 23.6 | 13.4 | 11.1 | 10.2 |    |    |    |
| 22               | 18.2 | 17.5 | 17.7 | 19.3 | 21.8 | 22.8 | 21.8 | 19.6 | 17.8 | 15.8 | 14.7 | 14.9 | 15.8 | 16.8 | 20.1 | 19.3 | 19.2 | 18.8              | 18.3         | 19.0       | 19.2        | 18.1           | 18.9  | 18.3 | 18.5 | 5.6   | 23.8 | 14.0 | 10.6 | 9.8  |    |    |    |
| 23               | 17.4 | 18.0 | 18.4 | 19.5 | 21.1 | 21.1 | 20.1 | 18.1 | 15.8 | 14.7 | 14.3 | 14.7 | 16.2 | 16.6 | 17.5 | 18.3 | 17.7 | 17.7              | 18.5         | 20.1       | 20.1        | 19.1           | 19.4  | 19.0 | 18.1 | 5.1   | 21.8 | 13.8 | 11.2 | 8.0  |    |    |    |
| 24 D             | 18.6 | 18.8 | 18.8 | 19.9 | 21.1 | 20.9 | 19.8 | 18.5 | 16.6 | 15.1 | 13.2 | 15.1 | 16.6 | 17.5 | 21.8 | 19.4 | 21.3 | 19.9              | 19.4         | 19.6       | 17.9        | 19.0           | 18.5  | 20.1 | 18.6 | 16.6  | 25.0 | 12.1 | 11.2 | 12.9 |    |    |    |
| 25 D             | 17.2 | 18.3 | 18.3 | 19.0 | 19.8 | 20.9 | 20.5 | 18.7 | 16.4 | 14.4 | 14.0 | 14.7 | 16.6 | 17.9 | 19.8 | 20.3 | 18.1 | 18.4              | 18.8         | 20.9       | 19.6        | 20.9           | 17.5  | 18.1 | 18.3 | 20.2  | 23.0 | 13.8 | 10.6 | 9.2  |    |    |    |
| 26               | 18.8 | 18.3 | 19.4 | 20.5 | 22.0 | 22.8 | 21.5 | 19.2 | 16.4 | 15.5 | 15.3 | 15.8 | 17.0 | 18.0 | 19.2 | 19.6 | 19.5 | 18.7              | 18.1         | 17.9       | 19.0        | 18.3           | 18.8  | 19.1 | 18.7 | 5.2   | 23.3 | 15.1 | 10.2 | 8.2  |    |    |    |
| 27               | 19.9 | 18.4 | 17.7 | 18.3 | 20.4 | 21.3 | 19.8 | 17.9 | 15.8 | 14.8 | 15.2 | 15.3 | 17.3 | 17.4 | 17.0 | 18.4 | 18.5 | 18.1              | 18.5         | 18.3       | 18.1        | 18.5           | 18.8  | 18.8 | 18.0 | 5.5   | 22.0 | 14.4 | 9.6  | 7.6  |    |    |    |
| 28               | 18.4 | 18.5 | 18.3 | 18.5 | 20.4 | 21.5 | 20.8 | 20.5 | 17.8 | 15.7 | 14.7 | 14.9 | 16.2 | 17.6 | 17.8 | 18.5 | 18.8 | 19.4              | 20.0         | 19.2       | 18.1        | 18.3           | 18.1  | 19.1 | 18.4 | 5.5   | 21.8 | 14.4 | 10.1 | 7.4  |    |    |    |
| 29               | 19.0 | 18.1 | 17.9 | 18.3 | 19.4 | 20.7 | 21.3 | 20.1 | 17.9 | 16.0 | 14.5 | 14.0 | 14.5 | 15.8 | 17.9 | 18.5 | 20.1 | 19.2              | 20.4         | 19.8       | 19.8        | 19.4           | 18.8  | 18.8 | 18.3 | 6.1   | 21.5 | 13.8 | 11.4 | 7.7  |    |    |    |
| 30 Q             | 18.4 | 18.6 | 18.7 | 18.8 | 19.8 | 20.3 | 19.6 | 18.5 | 16.7 | 15.0 | 14.9 | 15.4 | 16.1 | 16.8 | 16.9 | 16.8 | 16.9 | 17.5              | 18.5         | 18.6       | 18.8        | 18.5           | 18.3  | 18.1 | 17.8 | 5.4   | 20.5 | 14.5 | 10.2 | 6.0  |    |    |    |
| 31               | 17.9 | 18.1 | 18.1 | 18.8 |      |      |      |      |      |      |      |      |      |      |      |      |      |                   |              |            |             |                |       |      |      |       |      |      |      |      |    |    |    |

Обсерватория Душети (Тбилиси)Среднемесячн. 24 050<sup>+</sup>Элемент Горизонтальная составляющаяМесяц Март год 1986 $H = 23930^{\circ} + \quad = \quad \circ =$ 

| Время<br>коровое           |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | Средн.<br>суточн. | Время<br>тах | Max<br>тум | Min<br>тум | время<br>миним | Ампл. |  |  | Сумма |  |
|----------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------------------|--------------|------------|------------|----------------|-------|--|--|-------|--|
| Дни                        | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24  |                   |              |            |            |                |       |  |  |       |  |
| 1                          | 110 | 109 | 102 | 107 | 115 | 127 | 137 | 123 | 116 | 113 | 110 | 105 | 103 | 107 | 111 | 101 | 127 | 103 | 95  | 105 | 115 | 114 | 111 | 117 | 112               | 6.9          | 143        | 89         | 15.8           | 54    |  |  |       |  |
| 2                          | 112 | 108 | 114 | 120 | 128 | 131 | 132 | 131 | 119 | 115 | 111 | 101 | 113 | 111 | 113 | 115 | 115 | 114 | 114 | 114 | 111 | 114 | 119 | 116 | 116               | 6.8          | 141        | 94         | 11.6           | 47    |  |  |       |  |
| 3                          | 116 | 115 | 112 | 115 | 119 | 121 | 125 | 122 | 113 | 108 | 113 | 115 | 115 | 114 | 121 | 121 | 121 | 119 | 129 | 143 | 148 | 125 | 111 | 125 | 120               | 20.3         | 156        | 101        | 22.8           | 55    |  |  |       |  |
| 4                          | 108 | 109 | 111 | 111 | 115 | 120 | 118 | 116 | 115 | 116 | 116 | 121 | 121 | 119 | 115 | 117 | 113 | 107 | 114 | 120 | 119 | 115 | 108 | 106 | 115               | 19.6         | 127        | 97         | 17.1           | 30    |  |  |       |  |
| 5                          | 107 | 109 | 115 | 123 | 126 | 127 | 128 | 127 | 115 | 113 | 117 | 116 | 115 | 115 | 115 | 109 | 109 | 114 | 103 | 98  | 95  | 99  | 101 | 103 | 112               | 7.2          | 132        | 91         | 20.5           | 41    |  |  |       |  |
| 6 D                        | 119 | 114 | 118 | 124 | 116 | 121 | 120 | 119 | 117 | 117 | 121 | 99  | 91  | 71  | 63  | 50  | 57  | 55  | 47  | 43  | 48  | 59  | 73  | 115 | 91                | 23.9         | 151        | 38         | 19.4           | 113   |  |  |       |  |
| 7 D                        | 111 | 87  | 92  | 105 | 103 | 97  | 104 | 103 | 107 | 97  | 81  | 78  | 81  | 81  | 68  | 67  | 97  | 95  | 86  | 86  | 89  | 125 | 101 | 103 | 94                | 21.5         | 135        | 61         | 14.2           | 7.4   |  |  |       |  |
| 8 D                        | 105 | 123 | 105 | 96  | 101 | 99  | 99  | 95  | 107 | 109 | 97  | 95  | 92  | 95  | 90  | 99  | 120 | 110 | 143 | 106 | 105 | 109 | 109 | 113 | 105               | 18.5         | 165        | 87         | 14.6           | 78    |  |  |       |  |
| 9 Q                        | 113 | 117 | 117 | 121 | 121 | 126 | 121 | 109 | 97  | 101 | 104 | 113 | 114 | 115 | 114 | 113 | 113 | 116 | 117 | 117 | 117 | 117 | 115 | 119 | 114               | 5.4          | 131        | 93         | 8.1            | 38    |  |  |       |  |
| 10 Q                       | 119 | 120 | 120 | 123 | 126 | 123 | 119 | 117 | 114 | 119 | 126 | 127 | 125 | 125 | 123 | 125 | 127 | 126 | 125 | 125 | 126 | 127 | 127 | 125 | 123               | 17.3         | 133        | 113        | 8.5            | 20    |  |  |       |  |
| 11 Q                       | 127 | 125 | 127 | 130 | 132 | 133 | 130 | 126 | 123 | 125 | 129 | 133 | 137 | 133 | 129 | 126 | 127 | 125 | 121 | 119 | 121 | 125 | 125 | 125 | 127               | 12.1         | 139        | 115        | 19.4           | 24    |  |  |       |  |
| 12                         | 126 | 125 | 126 | 128 | 131 | 133 | 132 | 130 | 124 | 128 | 128 | 127 | 133 | 134 | 130 | 127 | 128 | 129 | 128 | 129 | 131 | 131 | 132 | 139 | 130               | 23.3         | 147        | 121        | 8.6            | 26    |  |  |       |  |
| 13                         | 137 | 132 | 147 | 145 | 140 | 136 | 131 | 116 | 113 | 107 | 102 | 89  | 85  | 65  | 73  | 68  | 65  | 84  | 104 | 109 | 111 | 120 | 131 | 114 | 109               | 2.8          | 161        | 37         | 16.1           | 124   |  |  |       |  |
| 14                         | 111 | 126 | 123 | 120 | 120 | 125 | 123 | 117 | 115 | 119 | 119 | 118 | 121 | 119 | 124 | 121 | 121 | 121 | 125 | 123 | 121 | 119 | 119 | 125 | 121               | 1.9          | 139        | 108        | 0.7            | 31    |  |  |       |  |
| 15                         | 127 | 125 | 127 | 131 | 132 | 135 | 136 | 133 | 131 | 130 | 131 | 137 | 141 | 137 | 128 | 119 | 119 | 119 | 120 | 115 | 127 | 132 | 139 | 124 | 129               | 12.3         | 145        | 111        | 19.4           | 34    |  |  |       |  |
| 16                         | 126 | 126 | 126 | 124 | 122 | 117 | 114 | 115 | 109 | 96  | 105 | 113 | 113 | 124 | 124 | 125 | 123 | 123 | 122 | 127 | 126 | 129 | 125 | 124 | 120               | 19.5         | 132        | 93         | 9.5            | 39    |  |  |       |  |
| 17                         | 127 | 137 | 139 | 140 | 139 | 137 | 129 | 119 | 123 | 121 | 127 | 134 | 137 | 131 | 127 | 129 | 132 | 132 | 132 | 130 | 128 | 132 | 131 | 129 | 131               | 3.7          | 143        | 114        | 9.1            | 29    |  |  |       |  |
| 18                         | 129 | 131 | 132 | 131 | 133 | 132 | 132 | 131 | 129 | 139 | 143 | 137 | 131 | 127 | 109 | 105 | 108 | 112 | 121 | 121 | 125 | 125 | 127 | 127 | 127               | 11.7         | 151        | 101        | 15.7           | 50    |  |  |       |  |
| 19                         | 129 | 127 | 125 | 126 | 128 | 128 | 124 | 121 | 121 | 120 | 131 | 129 | 127 | 125 | 125 | 122 | 131 | 127 | 129 | 125 | 126 | 125 | 127 | 127 | 126               | 16.8         | 138        | 113        | 9.2            | 25    |  |  |       |  |
| 20 Q                       | 128 | 130 | 127 | 129 | 132 | 131 | 128 | 127 | 131 | 137 | 137 | 136 | 136 | 136 | 135 | 134 | 132 | 129 | 136 | 139 | 137 | 137 | 137 | 131 | 133               | 19.0         | 147        | 123        | 8.2            | 24    |  |  |       |  |
| 21                         | 133 | 134 | 132 | 135 | 139 | 147 | 145 | 138 | 131 | 127 | 136 | 131 | 126 | 93  | 97  | 119 | 113 | 108 | 113 | 129 | 116 | 121 | 124 | 134 | 126               | 5.8          | 151        | 78         | 13.8           | 73    |  |  |       |  |
| 22                         | 155 | 146 | 119 | 128 | 116 | 102 | 115 | 117 | 118 | 122 | 127 | 124 | 119 | 113 | 93  | 100 | 114 | 115 | 119 | 127 | 120 | 131 | 123 | 121 | 120               | 0.3          | 160        | 86         | 14.7           | 74    |  |  |       |  |
| 23                         | 122 | 125 | 127 | 127 | 126 | 119 | 108 | 115 | 124 | 125 | 121 | 115 | 115 | 120 | 119 | 120 | 125 | 125 | 126 | 121 | 139 | 131 | 124 | 125 | 123               | 20.3         | 144        | 105        | 6.8            | 39    |  |  |       |  |
| 24 D                       | 127 | 127 | 131 | 126 | 130 | 130 | 127 | 127 | 131 | 135 | 127 | 104 | 109 | 109 | 107 | 102 | 124 | 115 | 111 | 117 | 133 | 121 | 121 | 129 | 122               | 20.0         | 151        | 77         | 14.1           | 74    |  |  |       |  |
| 25 D                       | 129 | 116 | 111 | 120 | 113 | 109 | 113 | 111 | 117 | 131 | 142 | 139 | 133 | 121 | 111 | 113 | 109 | 117 | 121 | 144 | 146 | 120 | 127 | 132 | 123               | 19.5         | 174        | 97         | 8.2            | 77    |  |  |       |  |
| 26                         | 113 | 113 | 116 | 114 | 107 | 104 | 106 | 113 | 113 | 118 | 120 | 119 | 116 | 110 | 102 | 114 | 123 | 121 | 119 | 121 | 126 | 137 | 133 | 136 | 117               | 16.8         | 149        | 95         | 14.6           | 54    |  |  |       |  |
| 27                         | 117 | 116 | 115 | 115 | 119 | 115 | 120 | 101 | 109 | 99  | 109 | 113 | 107 | 116 | 117 | 108 | 109 | 115 | 120 | 126 | 126 | 124 | 123 | 123 | 115               | 19.4         | 133        | 92         | 9.5            | 41    |  |  |       |  |
| 28                         | 123 | 121 | 115 | 124 | 129 | 126 | 119 | 103 | 107 | 105 | 105 | 104 | 109 | 115 | 123 | 122 | 121 | 119 | 114 | 116 | 131 | 121 | 125 | 125 | 118               | 20.1         | 141        | 97         | 7.6            | 44    |  |  |       |  |
| 29                         | 120 | 125 | 130 | 130 | 136 | 131 | 127 | 127 | 128 | 133 | 129 | 127 | 119 | 105 | 95  | 90  | 109 | 114 | 125 | 115 | 115 | 115 | 117 | 120 | 120               | 4.3          | 139        | 85         | 15.7           | 54    |  |  |       |  |
| 30 Q                       | 121 | 121 | 125 | 130 | 132 | 129 | 132 | 133 | 137 | 139 | 137 | 133 | 133 | 129 | 127 | 126 | 133 | 129 | 127 | 137 | 137 | 133 | 137 | 132 | 131               | 10.1         | 145        | 120        | 0.3            | 25    |  |  |       |  |
| 31                         | 132 | 131 | 133 | 139 | 142 | 143 | 145 | 145 | 141 | 143 | 135 | 133 | 133 | 129 | 121 | 121 | 124 | 124 | 132 | 143 | 136 | 136 | 137 | 131 | 135               | 19.6         | 151        | 118        | 14.7           | 33    |  |  |       |  |
| Среднее по<br>всем дням    | 122 | 122 | 121 | 124 | 125 | 124 | 124 | 120 | 119 | 120 | 121 | 118 | 118 | 114 | 111 | 111 | 116 | 115 | 117 | 119 | 121 | 122 | 121 | 123 | 120               |              | 145        | 95         |                | 50    |  |  |       |  |
| Среднее по<br>сп. дням     | 122 | 123 | 123 | 127 | 129 | 128 | 126 | 122 | 120 | 124 | 127 | 128 | 129 | 128 | 126 | 125 | 126 | 125 | 125 | 125 | 127 | 129 | 127 | 126 | 126               |              | 139        | 113        |                | 26    |  |  |       |  |
| Среднее по<br>возмущ. дням | 118 | 113 | 111 | 114 | 113 | 111 | 113 | 111 | 116 | 118 | 114 | 103 | 101 | 95  | 88  | 86  | 101 | 98  | 102 | 99  | 104 | 107 | 106 | 118 | 107               |              | 155        | 72         |                | 83    |  |  |       |  |
| Сумма по<br>всем дням      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                   |              |            |            |                |       |  |  |       |  |
| Сумма по<br>сп. дням       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                   |              |            |            |                |       |  |  |       |  |
| Сумма по<br>возмущ. дням   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                   |              |            |            |                |       |  |  |       |  |

Условные обозначения:  $\Delta$  — погасла лампа;  $>$  или  $<$  — запись вышла за бумагу;  $\square$  — остановились часы

Длины причины отсутств. записи. Величины, взятые приближенно с магнитограммы — ( )

Обработал а Шертагани И.Н. Проверил а Эбремидзе М.А.

Обсерватория Душети (ГНБШИСИ)Среднемесячн.  $\pm = 42199^\circ$ Элемент Вертикальная составляющаяМесяц Март год 1986 $\pm = 42150^\circ + =$ 

| Время<br>кировое           |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | Средн.<br>суточн. | Время<br>тах | Max<br>тит | Mini<br>тит | время<br>minim | Ампл. |    |     | Сумма |    |     |      |    |  |  |
|----------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------------------|--------------|------------|-------------|----------------|-------|----|-----|-------|----|-----|------|----|--|--|
| Дни                        | 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18                | 19           | 20         | 21          | 22             | 23    | 24 |     |       |    |     |      |    |  |  |
| 1                          | 54 | 53 | 53 | 52 | 50 | 50 | 50 | 49 | 47 | 49 | 51 | 51 | 53 | 55 | 56 | 58 | 53 | 57                | 59           | 57         | 55          | 55             | 55    | 53 | 53  | 18.7  | 60 | 46  | 8.5  | 14 |  |  |
| 2                          | 53 | 53 | 52 | 51 | 53 | 55 | 53 | 49 | 47 | 49 | 51 | 52 | 52 | 53 | 54 | 55 | 55 | 55                | 55           | 56         | 55          | 53             | 54    | 53 | 53  | 20.7  | 58 | 47  | 8.8  | 11 |  |  |
| 3                          | 53 | 53 | 53 | 52 | 54 | 55 | 53 | 50 | 50 | 53 | 53 | 53 | 57 | 57 | 54 | 54 | 54 | 54                | 53           | 52         | 51          | 53             | 53    | 49 | 53  | 13.0  | 59 | 46  | 23.3 | 13 |  |  |
| 4                          | 52 | 52 | 52 | 53 | 55 | 57 | 57 | 53 | 49 | 47 | 51 | 54 | 56 | 56 | 55 | 54 | 55 | 56                | 55           | 53         | 53          | 53             | 54    | 54 | 54  | 6.5   | 59 | 47  | 9.5  | 12 |  |  |
| 5                          | 54 | 53 | 53 | 52 | 55 | 57 | 54 | 49 | 45 | 45 | 48 | 52 | 56 | 57 | 55 | 56 | 57 | 55                | 57           | 58         | 58          | 57             | 57    | 56 | 54  | 19.2  | 59 | 44  | 9.7  | 15 |  |  |
| 6 D                        | 53 | 52 | 53 | 51 | 53 | 53 | 47 | 43 | 37 | 35 | 38 | 47 | 55 | 44 | 67 | 71 | 69 | 69                | 70           | 70         | 69          | 67             | 64    | 58 | 56  | 15.5  | 73 | 34  | 9.4  | 39 |  |  |
| 7 D                        | 54 | 57 | 58 | 59 | 61 | 61 | 60 | 55 | 48 | 50 | 57 | 61 | 62 | 63 | 66 | 66 | 62 | 62                | 63           | 62         | 61          | 53             | 54    | 55 | 59  | 15.6  | 67 | 46  | 8.7  | 21 |  |  |
| 8 D                        | 54 | 51 | 53 | 56 | 58 | 57 | 55 | 53 | 49 | 51 | 54 | 57 | 59 | 61 | 61 | 59 | 56 | 57                | 52           | 56         | 55          | 53             | 54    | 53 | 55  | 14.2  | 62 | 48  | 8.5  | 14 |  |  |
| 9 Q                        | 54 | 53 | 53 | 54 | 56 | 57 | 53 | 53 | 50 | 49 | 49 | 50 | 52 | 53 | 52 | 52 | 53 | 53                | 53           | 53         | 53          | 53             | 52    | 51 | 53  | 5.3   | 58 | 47  | 9.3  | 11 |  |  |
| 10 Q                       | 51 | 50 | 50 | 51 | 51 | 52 | 48 | 42 | 38 | 39 | 41 | 43 | 47 | 48 | 48 | 49 | 49 | 50                | 50           | 50         | 49          | 49             | 49    | 49 | 48  | 5.6   | 53 | 37  | 8.6  | 16 |  |  |
| 11 Q                       | 49 | 49 | 49 | 48 | 50 | 54 | 49 | 41 | 38 | 39 | 43 | 48 | 52 | 53 | 51 | 49 | 49 | 50                | 50           | 51         | 51          | 50             | 50    | 50 | 48  | 5.5   | 55 | 37  | 8.9  | 18 |  |  |
| 12                         | 50 | 49 | 49 | 49 | 51 | 53 | 50 | 40 | 31 | 32 | 38 | 44 | 48 | 49 | 47 | 48 | 48 | 48                | 48           | 48         | 48          | 48             | 47    | 46 | 5.9 | 55    | 29 | 8.9 | 26   |    |  |  |
| 13                         | 46 | 48 | 45 | 42 | 45 | 47 | 41 | 37 | 37 | 38 | 43 | 50 | 53 | 59 | 58 | 61 | 64 | 61                | 59           | 57         | 56          | 54             | 50    | 51 | 50  | 16.2  | 67 | 36  | 8.7  | 31 |  |  |
| 14                         | 52 | 51 | 49 | 49 | 51 | 50 | 45 | 42 | 44 | 43 | 45 | 49 | 53 | 53 | 48 | 50 | 50 | 51                | 51           | 52         | 52          | 52             | 52    | 51 | 49  | 13.4  | 54 | 42  | 7.4  | 12 |  |  |
| 15                         | 49 | 49 | 49 | 48 | 48 | 46 | 42 | 37 | 39 | 40 | 40 | 42 | 43 | 44 | 45 | 47 | 48 | 49                | 50           | 51         | 49          | 48             | 49    | 49 | 46  | 19.4  | 52 | 36  | 7.3  | 16 |  |  |
| 16                         | 49 | 49 | 48 | 49 | 52 | 52 | 49 | 46 | 45 | 47 | 48 | 50 | 50 | 51 | 49 | 49 | 49 | 49                | 49           | 49         | 49          | 49             | 49    | 49 | 49  | 5.8   | 53 | 44  | 8.5  | 9  |  |  |
| 17                         | 48 | 47 | 46 | 47 | 49 | 48 | 41 | 34 | 36 | 35 | 39 | 41 | 43 | 47 | 46 | 46 | 47 | 48                | 48           | 48         | 48          | 48             | 47    | 47 | 45  | 4.6   | 50 | 31  | 7.5  | 19 |  |  |
| 18                         | 47 | 46 | 45 | 45 | 49 | 51 | 43 | 37 | 37 | 39 | 44 | 46 | 49 | 47 | 47 | 50 | 52 | 52                | 51           | 51         | 49          | 49             | 49    | 48 | 47  | 17.1  | 53 | 36  | 7.6  | 17 |  |  |
| 19                         | 48 | 48 | 48 | 47 | 46 | 45 | 42 | 34 | 31 | 37 | 43 | 48 | 50 | 50 | 48 | 47 | 47 | 47                | 51           | 48         | 48          | 48             | 48    | 47 | 46  | 12.7  | 51 | 30  | 8.3  | 21 |  |  |
| 20 Q                       | 47 | 46 | 47 | 48 | 49 | 49 | 47 | 40 | 36 | 33 | 36 | 44 | 47 | 47 | 45 | 45 | 46 | 47                | 47           | 46         | 47          | 46             | 46    | 46 | 45  | 4.6   | 50 | 32  | 9.8  | 18 |  |  |
| 21                         | 46 | 45 | 46 | 48 | 48 | 43 | 33 | 28 | 29 | 32 | 34 | 39 | 45 | 54 | 55 | 50 | 51 | 52                | 51           | 49         | 50          | 49             | 49    | 48 | 45  | 14.2  | 58 | 27  | 8.2  | 31 |  |  |
| 22                         | 41 | 42 | 44 | 45 | 46 | 43 | 37 | 33 | 31 | 29 | 31 | 37 | 42 | 47 | 53 | 52 | 51 | 51                | 51           | 50         | 51          | 49             | 49    | 49 | 44  | 14.7  | 54 | 28  | 9.2  | 26 |  |  |
| 23                         | 48 | 47 | 47 | 48 | 46 | 38 | 33 | 28 | 27 | 30 | 36 | 41 | 47 | 50 | 49 | 49 | 49 | 49                | 49           | 49         | 46          | 47             | 47    | 47 | 44  | 13.4  | 51 | 25  | 8.1  | 26 |  |  |
| 24 D                       | 47 | 47 | 47 | 47 | 45 | 41 | 33 | 27 | 25 | 25 | 31 | 43 | 48 | 52 | 53 | 54 | 49 | 51                | 52           | 51         | 48          | 49             | 49    | 48 | 44  | 14.1  | 58 | 24  | 8.1  | 34 |  |  |
| 25 D                       | 47 | 48 | 49 | 49 | 50 | 49 | 42 | 35 | 31 | 31 | 38 | 43 | 46 | 48 | 49 | 49 | 52 | 51                | 51           | 47         | 46          | 47             | 46    | 43 | 45  | 16.9  | 53 | 29  | 8.8  | 24 |  |  |
| 26                         | 46 | 47 | 49 | 53 | 55 | 53 | 49 | 41 | 37 | 38 | 43 | 48 | 50 | 50 | 49 | 49 | 49 | 51                | 51           | 50         | 49          | 48             | 47    | 45 | 48  | 4.5   | 56 | 36  | 8.5  | 20 |  |  |
| 27                         | 46 | 46 | 47 | 48 | 48 | 45 | 36 | 33 | 31 | 38 | 41 | 47 | 51 | 50 | 49 | 51 | 52 | 51                | 51           | 51         | 50          | 50             | 50    | 49 | 46  | 16.1  | 53 | 30  | 8.2  | 23 |  |  |
| 28                         | 49 | 49 | 50 | 51 | 51 | 50 | 46 | 42 | 34 | 32 | 35 | 41 | 45 | 48 | 50 | 49 | 50 | 51                | 52           | 52         | 48          | 49             | 49    | 48 | 47  | 19.6  | 54 | 31  | 9.2  | 23 |  |  |
| 29                         | 48 | 47 | 47 | 48 | 49 | 49 | 45 | 40 | 34 | 31 | 30 | 33 | 39 | 47 | 51 | 54 | 52 | 52                | 51           | 51         | 51          | 50             | 50    | 49 | 46  | 15.8  | 55 | 29  | 10.6 | 26 |  |  |
| 30 Q                       | 48 | 48 | 48 | 49 | 49 | 47 | 43 | 41 | 42 | 43 | 44 | 46 | 48 | 49 | 47 | 46 | 47 | 49                | 49           | 49         | 47          | 45             | 45    | 45 | 46  | 4.8   | 50 | 40  | 7.7  | 10 |  |  |
| 31                         | 45 | 45 | 46 | 47 | 49 | 46 | 40 | 32 | 31 | 30 | 35 | 39 | 41 | 44 | 46 | 47 | 48 | 48                | 47           | 46         | 47          | 46             | 45    | 46 | 43  | 4.4   | 50 | 30  | 9.3  | 20 |  |  |
| Среднее по<br>всем дням    | 49 | 49 | 49 | 50 | 51 | 50 | 46 | 41 | 38 | 39 | 42 | 46 | 50 | 51 | 52 | 52 | 52 | 52                | 52           | 52         | 51          | 51             | 50    | 49 | 49  |       | 56 | 36  |      | 20 |  |  |
| Среднее по<br>сп. дням     | 50 | 49 | 49 | 50 | 51 | 52 | 48 | 43 | 41 | 41 | 43 | 46 | 49 | 50 | 49 | 48 | 49 | 50                | 50           | 50         | 49          | 49             | 48    | 48 | 48  |       | 53 | 39  |      | 15 |  |  |
| Среднее по<br>возмущ. дням | 51 | 51 | 52 | 52 | 53 | 52 | 47 | 43 | 38 | 38 | 44 | 50 | 54 | 54 | 59 | 60 | 58 | 58                | 58           | 57         | 56          | 54             | 53    | 51 | 52  |       | 63 | 36  |      | 26 |  |  |
| Сумма по<br>всем дням      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                   |              |            |             |                |       |    |     |       |    |     |      |    |  |  |
| Сумма по<br>сп. дням       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                   |              |            |             |                |       |    |     |       |    |     |      |    |  |  |
| Сумма по<br>возмущ. дням   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                   |              |            |             |                |       |    |     |       |    |     |      |    |  |  |

Условные обозначения:  $\Delta$  — погасла лампа;  $>$  или  $<$  — запись вышла за бумагу;  $\square$  — остановились часы

Длинные причины отсутств. записи. Величины, взятые приближенно с магнитограммы — ( )

Обработал Заткицкий Н.Т. Проверил Вердзениш Н.Ж.

Обсерватория Душети (Тбилиси)Среднемесячн.  $\delta = 5^{\circ}07'8$ Элемент СклонениеМесяц Апрель год 1986 $\delta = 4^{\circ}50'0 + = \text{ }^{\circ} =$ 

| Время<br>жировое        |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | Средн.<br>суточн. | Время<br>тах | Max<br>tum | Mini<br>tum | время<br>minim | Ампл. |      |      | Сумма |      |      |      |      |    |    |
|-------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------------------|--------------|------------|-------------|----------------|-------|------|------|-------|------|------|------|------|----|----|
|                         | Дни  | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   |                   |              |            |             |                |       |      |      |       | 17   | 18   | 19   | 20   | 21 | 22 |
| 1                       | 18.5 | 18.1 | 18.1 | 18.8 | 20.5 | 21.3 | 20.9 | 19.4 | 17.3 | 16.0 | 15.5 | 15.5 | 16.6 | 17.0 | 16.8 | 16.8 | 17.5 | 17.4              | 18.1         | 20.1       | 19.8        | 19.4           | 18.6  | 18.5 | 18.2 | 5.6   | 21.7 | 15.3 | 11.0 | 6.4  |    |    |
| 2                       | 18.1 | 18.4 | 18.1 | 19.3 | 20.5 | 21.2 | 20.5 | 18.8 | 16.4 | 14.7 | 13.2 | 13.4 | 14.9 | 16.6 | 17.5 | 17.7 | 17.9 | 17.7              | 17.9         | 17.7       | 18.2        | 17.9           | 17.7  | 17.7 | 17.6 | 5.6   | 21.5 | 12.8 | 10.9 | 8.7  |    |    |
| 3 D                     | 17.9 | 16.8 | 16.4 | 17.7 | 20.3 | 22.2 | 20.6 | 19.0 | 16.5 | 14.5 | 13.9 | 14.8 | 16.1 | 17.8 | 17.9 | 17.7 | 17.7 | 19.6              | 19.1         | 18.1       | 18.1        | 17.9           | 18.3  | 18.3 | 17.8 | 5.5   | 22.4 | 13.7 | 10.2 | 8.7  |    |    |
| 4 Q                     | 18.3 | 18.2 | 18.4 | 19.2 | 20.3 | 20.9 | 20.5 | 18.6 | 16.4 | 14.3 | 13.6 | 14.3 | 15.5 | 16.6 | 17.4 | 17.7 | 17.9 | 17.9              | 17.8         | 18.1       | 18.3        | 18.1           | 18.2  | 18.1 | 17.7 | 5.6   | 21.2 | 13.4 | 10.4 | 7.8  |    |    |
| 5                       | 18.2 | 18.1 | 18.3 | 19.3 | 20.1 | 21.1 | 20.5 | 18.1 | 16.4 | 15.3 | 14.8 | 14.9 | 15.8 | 16.6 | 17.1 | 17.0 | 16.8 | 17.5              | 20.3         | 19.6       | 19.0        | 19.4           | 19.3  | 19.0 | 18.0 | 18.8  | 21.9 | 14.7 | 10.5 | 7.2  |    |    |
| 6 Q                     | 18.7 | 18.5 | 18.8 | 19.6 | 20.7 | 21.4 | 20.5 | 17.7 | 14.7 | 13.2 | 13.2 | 14.3 | 15.6 | 16.8 | 17.3 | 17.3 | 17.1 | 17.7              | 18.2         | 17.9       | 17.9        | 18.3           | 17.9  | 18.3 | 17.6 | 5.5   | 21.7 | 12.9 | 9.8  | 8.8  |    |    |
| 7                       | 18.3 | 18.1 | 18.4 | 19.4 | 21.8 | 23.1 | 22.4 | 19.5 | 15.8 | 13.3 | 11.3 | 12.2 | 14.4 | 16.7 | 18.4 | 19.5 | 18.4 | 18.3              | 17.9         | 17.9       | 18.1        | 18.2           | 18.3  | 18.1 | 17.8 | 5.6   | 23.3 | 10.8 | 10.8 | 12.5 |    |    |
| 8                       | 17.9 | 18.1 | 18.5 | 19.4 | 20.9 | 22.4 | 22.5 | 20.9 | 17.3 | 14.5 | 13.7 | 13.4 | 14.9 | 16.4 | 17.3 | 17.3 | 17.3 | 17.5              | 17.7         | 17.5       | 17.7        | 17.9           | 18.3  | 17.9 | 17.8 | 6.2   | 22.8 | 13.0 | 11.2 | 9.8  |    |    |
| 9 D                     | 18.1 | 18.3 | 19.4 | 21.1 | 23.3 | 22.7 | 21.1 | 18.5 | 16.5 | 14.7 | 13.4 | 13.2 | 13.8 | 15.1 | 15.8 | 16.9 | 17.8 | 19.0              | 20.3         | 19.6       | 19.1        | 20.0           | 20.4  | 20.7 | 18.3 | 4.8   | 24.0 | 12.8 | 10.8 | 11.2 |    |    |
| 10 D                    | 20.3 | 17.7 | 19.5 | 20.4 | 22.4 | 23.8 | 22.2 | 19.2 | 16.6 | 16.0 | 15.8 | 15.1 | 15.2 | 15.7 | 16.6 | 20.2 | 19.2 | 19.0              | 19.0         | 18.7       | 18.8        | 19.0           | 18.8  | 18.8 | 18.7 | 5.9   | 25.0 | 14.7 | 12.3 | 10.3 |    |    |
| 11                      | 18.8 | 18.8 | 18.8 | 19.8 | 21.1 | 21.8 | 21.3 | 19.5 | 17.5 | 16.3 | 15.5 | 15.2 | 15.8 | 16.8 | 17.9 | 18.1 | 18.3 | 18.7              | 18.1         | 18.3       | 18.5        | 18.8           | 19.6  | 20.1 | 18.5 | 5.5   | 21.9 | 15.1 | 11.2 | 6.8  |    |    |
| 12                      | 18.8 | 19.2 | 18.5 | 19.2 | 20.7 | 21.5 | 21.3 | 19.0 | 16.0 | 14.1 | 12.8 | 12.8 | 13.8 | 15.4 | 17.0 | 17.7 | 18.5 | 19.2              | 19.8         | 20.3       | 20.1        | 19.7           | 19.5  | 18.8 | 18.1 | 5.8   | 21.7 | 12.3 | 10.9 | 9.4  |    |    |
| 13                      | 18.7 | 18.8 | 19.2 | 20.1 | 21.1 | 22.1 | 21.1 | 18.8 | 16.4 | 14.3 | 13.7 | 14.5 | 16.1 | 17.5 | 18.3 | 17.5 | 17.7 | 17.8              | 18.1         | 18.5       | 19.3        | 18.8           | 19.0  | 18.8 | 18.2 | 5.7   | 22.2 | 13.4 | 10.6 | 8.8  |    |    |
| 14 Q                    | 18.8 | 18.8 | 19.4 | 20.7 | 22.0 | 22.3 | 20.9 | 18.5 | 15.1 | 12.8 | 12.1 | 12.8 | 14.9 | 16.0 | 17.0 | 17.0 | 17.0 | 17.1              | 17.5         | 17.9       | 18.3        | 18.3           | 17.9  | 17.9 | 17.5 | 5.3   | 22.6 | 11.8 | 10.5 | 10.8 |    |    |
| 15                      | 18.0 | 18.3 | 19.1 | 20.5 | 22.1 | 22.4 | 21.3 | 19.0 | 16.4 | 13.7 | 12.8 | 13.2 | 14.5 | 15.5 | 16.2 | 16.0 | 16.6 | 17.0              | 17.3         | 17.9       | 17.7        | 17.9           | 18.1  | 17.9 | 17.5 | 5.3   | 22.7 | 12.5 | 10.9 | 10.2 |    |    |
| 16                      | 17.0 | 17.7 | 18.5 | 19.8 | 21.8 | 22.9 | 21.5 | 19.2 | 17.4 | 15.4 | 13.6 | 14.1 | 15.2 | 16.9 | 17.8 | 18.6 | 19.0 | 18.7              | 18.3         | 18.0       | 17.7        | 17.9           | 17.8  | 17.9 | 18.0 | 5.4   | 23.1 | 13.0 | 10.7 | 10.1 |    |    |
| 17                      | 18.1 | 18.5 | 19.0 | 19.7 | 21.1 | 22.2 | 21.7 | 19.6 | 17.1 | 14.5 | 13.3 | 13.4 | 15.1 | 16.6 | 17.9 | 17.9 | 17.9 | 18.5              | 19.0         | 19.4       | 18.8        | 19.0           | 19.0  | 18.5 | 18.2 | 5.9   | 22.5 | 12.8 | 11.0 | 9.7  |    |    |
| 18                      | 18.5 | 17.7 | 17.5 | 18.8 | 20.3 | 21.1 | 20.3 | 18.8 | 16.0 | 13.6 | 13.3 | 13.8 | 14.7 | 16.0 | 16.6 | 16.8 | 16.8 | 17.0              | 17.5         | 17.9       | 17.9        | 17.9           | 18.3  | 18.5 | 17.3 | 5.5   | 21.3 | 13.0 | 9.8  | 8.3  |    |    |
| 19                      | 17.7 | 18.1 | 18.8 | 19.7 | 20.7 | 20.9 | 19.6 | 17.9 | 16.0 | 14.3 | 14.5 | 14.0 | 14.3 | 14.9 | 16.0 | 16.2 | 16.4 | 17.5              | 17.9         | 19.2       | 20.3        | 19.8           | 18.8  | 18.6 | 17.6 | 5.5   | 21.1 | 13.6 | 10.0 | 7.5  |    |    |
| 20                      | 18.5 | 18.4 | 18.5 | 19.1 | 20.3 | 20.7 | 19.0 | 16.4 | 14.4 | 13.6 | 13.5 | 14.3 | 15.4 | 16.1 | 16.6 | 16.6 | 16.4 | 16.7              | 16.7         | 17.5       | 18.2        | 18.6           | 18.3  | 18.6 | 17.2 | 5.4   | 21.1 | 13.0 | 10.2 | 8.1  |    |    |
| 21                      | 18.3 | 17.3 | 18.5 | 19.4 | 20.7 | 21.5 | 21.1 | 19.4 | 16.8 | 14.5 | 13.6 | 14.4 | 15.1 | 16.0 | 17.0 | 17.3 | 17.3 | 17.5              | 17.3         | 17.3       | 17.5        | 17.8           | 18.1  | 18.4 | 17.6 | 5.8   | 21.7 | 13.2 | 10.3 | 8.5  |    |    |
| 22 D                    | 18.5 | 18.5 | 19.0 | 20.1 | 20.7 | 21.3 | 20.3 | 18.2 | 16.2 | 14.9 | 14.9 | 14.9 | 15.1 | 16.4 | 17.5 | 17.3 | 17.0 | 17.7              | 19.4         | 19.4       | 18.5        | 18.6           | 17.3  | 17.5 | 17.9 | 5.3   | 21.7 | 14.0 | 10.0 | 7.7  |    |    |
| 23                      | 18.4 | 18.8 | 19.9 | 21.0 | 22.0 | 22.5 | 20.4 | 17.5 | 14.3 | 12.1 | 12.1 | 13.4 | 15.1 | 16.6 | 17.7 | 17.5 | 16.6 | 16.8              | 18.3         | 20.7       | 18.8        | 18.4           | 18.1  | 17.7 | 17.7 | 5.4   | 22.7 | 11.7 | 10.0 | 11.0 |    |    |
| 24 D                    | 16.8 | 17.7 | 19.0 | 20.3 | 21.5 | 22.2 | 21.3 | 18.2 | 15.1 | 13.2 | 12.8 | 14.3 | 15.1 | 16.8 | 17.7 | 16.8 | 16.8 | 17.3              | 18.2         | 18.4       | 18.4        | 18.5           | 18.2  | 18.3 | 17.6 | 5.6   | 22.6 | 12.5 | 10.2 | 10.1 |    |    |
| 25                      | 18.5 | 18.4 | 18.5 | 20.1 | 21.8 | 22.8 | 22.0 | 19.4 | 16.6 | 14.8 | 14.0 | 14.7 | 15.8 | 17.0 | 18.2 | 18.3 | 17.8 | 17.7              | 17.7         | 17.9       | 18.3        | 18.3           | 18.4  | 18.5 | 18.1 | 5.7   | 23.3 | 13.8 | 10.6 | 9.5  |    |    |
| 26                      | 18.3 | 18.4 | 18.5 | 19.0 | 20.3 | 21.3 | 20.7 | 19.0 | 16.2 | 13.9 | 13.0 | 13.2 | 14.3 | 15.5 | 17.0 | 17.7 | 17.5 | 17.7              | 17.9         | 17.9       | 18.1        | 18.3           | 18.3  | 18.3 | 17.5 | 5.8   | 21.5 | 12.5 | 11.0 | 9.0  |    |    |
| 27 Q                    | 18.1 | 18.2 | 18.5 | 19.7 | 21.1 | 21.8 | 20.3 | 18.2 | 16.1 | 14.0 | 12.8 | 13.2 | 14.3 | 15.1 | 16.2 | 16.6 | 16.6 | 16.9              | 16.9         | 17.4       | 17.7        | 17.7           | 18.1  | 18.1 | 17.2 | 5.5   | 22.0 | 12.3 | 10.7 | 9.7  |    |    |
| 28                      | 17.9 | 17.5 | 17.3 | 17.7 | 19.8 | 21.1 | 20.5 | 19.2 | 16.6 | 15.0 | 14.3 | 14.5 | 15.6 | 16.8 | 17.3 | 17.9 | 17.9 | 17.9              | 18.1         | 18.2       | 18.3        | 18.5           | 18.5  | 18.5 | 17.7 | 5.9   | 21.5 | 13.7 | 10.4 | 7.8  |    |    |
| 29                      | 18.5 | 18.3 | 19.2 | 19.2 | 20.6 | 21.5 | 20.9 | 19.2 | 15.8 | 14.5 | 13.4 | 12.8 | 15.3 | 16.2 | 16.9 | 17.7 | 17.9 | 18.2              | 17.9         | 18.1       | 18.1        | 18.3           | 18.3  | 18.3 | 17.7 | 5.4   | 22.1 | 12.3 | 11.4 | 9.8  |    |    |
| 30 Q                    | 18.5 | 18.5 | 19.1 | 19.5 | 20.8 | 21.9 | 21.5 | 19.4 | 16.7 | 14.9 | 13.5 | 14.3 | 15.3 | 16.8 | 17.7 | 18.1 | 17.9 | 18.3              | 17.7         | 17.7       | 17.8        | 17.9           | 17.9  | 17.9 | 17.9 | 5.5   | 22.0 | 13.8 | 10.6 | 8.2  |    |    |
| 31                      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                   |              |            |             |                |       |      |      |       |      |      |      |      |    |    |
| Среднее по<br>всем дням | 18.3 | 18.2 | 18.6 | 19.6 | 21.0 | 21.9 | 21.0 | 18.8 | 16.2 | 14.4 | 13.6 | 14.0 | 15.1 | 16.3 | 17.2 | 17.5 | 17.5 | 17.9              | 18.2         | 18.4       | 18.4        |                |       |      |      |       |      |      |      |      |    |    |

Условные обозначения:  $\Delta$  — погасла лампа;  $>$  или  $<$  — запись вышла за бумагу;  $\square$  — остановились часы  
Длины причины отсутств. записи. Величины, взятые приближенно с магнитограммы — ( )

Обработал а Шермагинч И. И.Проверил Безжигановичи Ю. А.

Обсерватория Душети (Жбимиси)Среднемесячн.  $H = 24060^+$ Элемент Горизонтальная составляющаяМесяц Апрель год 1986г $H = 23930^+$  + = ° =

| Время<br>мировое           |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | Средн.<br>суточн. | Время<br>тах | Max<br>tum | Mini<br>tum | время<br>minim | Ампл. |     |     | Сумма |     |     |      |    |
|----------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------------------|--------------|------------|-------------|----------------|-------|-----|-----|-------|-----|-----|------|----|
| Дни                        | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18                | 19           | 20         | 21          | 22             | 23    | 24  |     |       |     |     |      |    |
| 1                          | 126 | 131 | 138 | 132 | 136 | 143 | 148 | 148 | 144 | 126 | 127 | 130 | 126 | 127 | 130 | 128 | 125 | 128               | 130          | 145        | 140         | 128            | 127   | 126 | 133 | 20.1  | 159 | 120 | 16.7 | 39 |
| 2                          | 126 | 124 | 130 | 132 | 138 | 136 | 129 | 124 | 126 | 126 | 129 | 130 | 132 | 131 | 125 | 125 | 130 | 131               | 132          | 132        | 131         | 136            | 132   | 130 | 130 | 4.8   | 142 | 122 | 7.8  | 20 |
| 3 D                        | 125 | 136 | 130 | 138 | 126 | 125 | 114 | 94  | 106 | 114 | 120 | 124 | 122 | 120 | 124 | 124 | 125 | 136               | 131          | 126        | 126         | 132            | 128   | 130 | 124 | 17.8  | 144 | 90  | 7.3  | 54 |
| 4 Q                        | 129 | 131 | 132 | 136 | 135 | 130 | 122 | 116 | 117 | 120 | 125 | 129 | 131 | 130 | 130 | 126 | 124 | 128               | 131          | 130        | 130         | 131            | 132   | 134 | 128 | 3.9   | 140 | 114 | 7.8  | 26 |
| 5                          | 134 | 133 | 133 | 133 | 134 | 136 | 132 | 129 | 125 | 128 | 128 | 134 | 130 | 131 | 134 | 132 | 136 | 131               | 112          | 120        | 122         | 126            | 136   | 122 | 130 | 22.0  | 147 | 107 | 19.1 | 40 |
| 6 Q                        | 124 | 126 | 128 | 127 | 120 | 112 | 108 | 114 | 122 | 131 | 132 | 130 | 126 | 126 | 129 | 132 | 133 | 131               | 132          | 131        | 130         | 130            | 138   | 132 | 127 | 22.4  | 144 | 106 | 6.8  | 38 |
| 7                          | 134 | 136 | 134 | 136 | 130 | 123 | 112 | 113 | 122 | 126 | 130 | 132 | 134 | 128 | 122 | 126 | 120 | 119               | 124          | 128        | 126         | 128            | 126   | 128 | 127 | 3.2   | 140 | 107 | 6.8  | 33 |
| 8                          | 132 | 135 | 135 | 138 | 138 | 138 | 132 | 131 | 130 | 120 | 110 | 120 | 121 | 123 | 123 | 126 | 128 | 130               | 131          | 136        | 138         | 142            | 142   | 148 | 131 | 23.9  | 156 | 106 | 10.6 | 50 |
| 9 D                        | 143 | 138 | 132 | 126 | 119 | 124 | 130 | 130 | 132 | 135 | 142 | 149 | 136 | 108 | 99  | 109 | 113 | 114               | 130          | 115        | 122         | 137            | 118   | 118 | 126 | 11.9  | 154 | 94  | 14.5 | 60 |
| 10 D                       | 114 | 145 | 134 | 134 | 122 | 112 | 109 | 114 | 112 | 118 | 124 | 126 | 118 | 114 | 100 | 78  | 96  | 106               | 108          | 114        | 114         | 115            | 114   | 116 | 115 | 1.6   | 153 | 66  | 15.7 | 87 |
| 11                         | 118 | 116 | 119 | 120 | 116 | 118 | 122 | 126 | 130 | 131 | 130 | 130 | 126 | 120 | 120 | 118 | 118 | 128               | 131          | 130        | 126         | 138            | 129   | 118 | 124 | 21.7  | 144 | 112 | 4.8  | 32 |
| 12                         | 124 | 120 | 130 | 133 | 131 | 126 | 114 | 113 | 116 | 123 | 130 | 124 | 114 | 107 | 107 | 101 | 103 | 109               | 106          | 110        | 109         | 114            | 113   | 119 | 116 | 3.3   | 136 | 95  | 15.6 | 41 |
| 13                         | 120 | 124 | 124 | 126 | 124 | 116 | 111 | 114 | 124 | 130 | 132 | 126 | 122 | 123 | 123 | 123 | 130 | 131               | 130          | 128        | 136         | 141            | 135   | 125 | 126 | 20.6  | 147 | 109 | 6.6  | 38 |
| 14 Q                       | 124 | 124 | 127 | 131 | 133 | 130 | 120 | 119 | 132 | 142 | 143 | 137 | 136 | 130 | 123 | 119 | 125 | 130               | 130          | 133        | 132         | 134            | 131   | 134 | 130 | 10.1  | 144 | 114 | 15.7 | 30 |
| 15                         | 134 | 134 | 132 | 128 | 127 | 126 | 122 | 129 | 142 | 149 | 150 | 142 | 128 | 118 | 129 | 134 | 136 | 134               | 142          | 136        | 140         | 139            | 133   | 128 | 134 | 10.1  | 155 | 113 | 13.3 | 42 |
| 16                         | 137 | 137 | 132 | 134 | 130 | 124 | 120 | 124 | 126 | 135 | 134 | 126 | 136 | 133 | 126 | 124 | 114 | 119               | 126          | 130        | 130         | 137            | 131   | 130 | 129 | 0.8   | 144 | 113 | 16.6 | 31 |
| 17                         | 131 | 133 | 133 | 130 | 126 | 124 | 118 | 120 | 130 | 137 | 132 | 135 | 130 | 122 | 126 | 125 | 124 | 125               | 125          | 123        | 130         | 134            | 132   | 132 | 128 | 9.5   | 139 | 114 | 6.7  | 25 |
| 18                         | 135 | 139 | 140 | 136 | 137 | 130 | 118 | 110 | 130 | 148 | 152 | 150 | 145 | 137 | 132 | 134 | 136 | 138               | 138          | 138        | 140         | 137            | 140   | 136 | 136 | 10.3  | 155 | 104 | 7.3  | 51 |
| 19                         | 140 | 131 | 131 | 128 | 128 | 124 | 113 | 120 | 132 | 138 | 134 | 136 | 124 | 132 | 141 | 143 | 141 | 136               | 133          | 128        | 132         | 132            | 130   | 130 | 132 | 15.6  | 150 | 109 | 6.9  | 41 |
| 20                         | 133 | 134 | 136 | 134 | 130 | 125 | 124 | 138 | 151 | 156 | 150 | 142 | 134 | 136 | 137 | 138 | 142 | 143               | 148          | 150        | 142         | 149            | 146   | 138 | 140 | 9.5   | 158 | 118 | 6.5  | 40 |
| 21                         | 136 | 140 | 142 | 142 | 135 | 128 | 124 | 125 | 135 | 137 | 134 | 131 | 140 | 143 | 136 | 134 | 137 | 138               | 142          | 142        | 143         | 142            | 143   | 140 | 137 | 20.5  | 148 | 120 | 6.7  | 28 |
| 22 D                       | 138 | 140 | 137 | 124 | 124 | 127 | 121 | 128 | 135 | 113 | 112 | 136 | 137 | 133 | 130 | 128 | 130 | 130               | 122          | 123        | 132         | 132            | 139   | 147 | 130 | 23.7  | 155 | 94  | 10.1 | 61 |
| 23                         | 138 | 138 | 137 | 132 | 128 | 117 | 106 | 114 | 136 | 148 | 150 | 150 | 145 | 134 | 126 | 130 | 140 | 137               | 134          | 149        | 138         | 132            | 138   | 133 | 135 | 19.8  | 156 | 104 | 6.8  | 52 |
| 24 D                       | 144 | 135 | 132 | 136 | 127 | 118 | 113 | 118 | 130 | 141 | 147 | 139 | 138 | 130 | 130 | 136 | 138 | 138               | 138          | 131        | 134         | 140            | 138   | 138 | 134 | 10.2  | 150 | 110 | 6.9  | 40 |
| 25                         | 136 | 137 | 126 | 119 | 118 | 111 | 109 | 115 | 125 | 132 | 131 | 128 | 127 | 132 | 130 | 125 | 130 | 132               | 133          | 134        | 133         | 134            | 134   | 137 | 128 | 1.5   | 142 | 106 | 6.6  | 36 |
| 26                         | 134 | 132 | 132 | 132 | 130 | 125 | 116 | 118 | 121 | 128 | 133 | 130 | 132 | 136 | 128 | 125 | 130 | 131               | 131          | 135        | 136         | 132            | 135   | 135 | 130 | 13.3  | 139 | 112 | 6.8  | 27 |
| 27 Q                       | 137 | 134 | 134 | 136 | 131 | 121 | 114 | 124 | 136 | 145 | 146 | 144 | 142 | 143 | 140 | 138 | 140 | 142               | 146          | 148        | 148         | 156            | 153   | 150 | 140 | 21.7  | 160 | 112 | 6.6  | 48 |
| 28                         | 146 | 140 | 150 | 156 | 150 | 152 | 141 | 118 | 122 | 131 | 130 | 141 | 132 | 128 | 124 | 125 | 125 | 130               | 125          | 130        | 131         | 130            | 131   | 131 | 134 | 3.1   | 162 | 104 | 7.8  | 58 |
| 29                         | 132 | 131 | 135 | 131 | 132 | 125 | 112 | 113 | 122 | 133 | 138 | 140 | 125 | 132 | 130 | 130 | 130 | 132               | 136          | 134        | 132         | 128            | 130   | 130 | 130 | 11.2  | 148 | 106 | 6.8  | 42 |
| 30 Q                       | 130 | 129 | 136 | 138 | 136 | 132 | 131 | 130 | 136 | 142 | 146 | 138 | 128 | 128 | 129 | 131 | 130 | 136               | 138          | 141        | 141         | 138            | 142   | 138 | 135 | 10.7  | 148 | 124 | 12.9 | 24 |
| 31                         |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                   |              |            |             |                |       |     |     |       |     |     |      |    |
| Среднее по<br>всем дням    | 132 | 133 | 133 | 133 | 130 | 126 | 120 | 121 | 128 | 133 | 134 | 134 | 131 | 128 | 126 | 126 | 128 | 130               | 130          | 132        | 132         | 134            | 133   | 132 | 130 |       | 149 | 108 |      | 41 |
| Среднее по<br>сп. дням     | 129 | 129 | 131 | 134 | 131 | 125 | 119 | 121 | 129 | 136 | 138 | 136 | 133 | 131 | 130 | 129 | 130 | 133               | 135          | 137        | 136         | 138            | 139   | 138 | 132 |       | 147 | 114 |      | 33 |
| Среднее по<br>возмущ. дням | 133 | 139 | 133 | 132 | 124 | 121 | 117 | 117 | 123 | 124 | 129 | 135 | 130 | 121 | 117 | 115 | 120 | 125               | 126          | 122        | 126         | 131            | 127   | 130 | 126 |       | 151 | 91  |      | 60 |
| Сумма по<br>всем дням      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                   |              |            |             |                |       |     |     |       |     |     |      |    |
| Сумма по<br>сп. дням       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                   |              |            |             |                |       |     |     |       |     |     |      |    |
| Сумма по<br>возмущ. дням   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                   |              |            |             |                |       |     |     |       |     |     |      |    |

Условные обозначения:  $\Delta$  — погасла лампа;  $>$  или  $<$  — запись вышла за бумагу;  $\square$  — остановились часы  
Длины причины отсутств. записи. Величины, взятые приближенно с магнитограммы — ( )

Обработал Шермагини С. Н. Проверил Зорелидзе М. А.

Обсерватория Душети (Гюмри)

Среднемесячн.  $\bar{I} = 42,194^+$

Элемент Вертикальная составляющая

Месяц Апрель год 1986

$\bar{I} = 42,150^+ + =$

| Время<br>жировое           |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | Средн.<br>суточн. | Время<br>тах | Max<br>tum | Mini<br>tum | время<br>minim | Ампл. |    |    | Сумма |    |    |     |    |    |    |
|----------------------------|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------------------|--------------|------------|-------------|----------------|-------|----|----|-------|----|----|-----|----|----|----|
|                            | Дни | 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 |                   |              |            |             |                |       |    |    |       | 17 | 18 | 19  | 20 | 21 | 22 |
| 1                          | 48  | 48 | 47 | 50 | 50 | 46 | 33 | 27 | 29 | 35 | 38 | 43 | 46 | 46 | 46 | 47 | 48 | 49                | 50           | 48         | 47          | 48             | 49    | 49 | 44 | 4.1   | 51 | 25 | 79  | 26 |    |    |
| 2                          | 48  | 48 | 48 | 50 | 50 | 46 | 38 | 33 | 28 | 25 | 30 | 36 | 42 | 47 | 49 | 49 | 48 | 48                | 47           | 48         | 48          | 47             | 47    | 46 | 44 | 4.6   | 52 | 24 | 91  | 28 |    |    |
| 3D                         | 48  | 47 | 47 | 49 | 54 | 53 | 45 | 37 | 35 | 37 | 45 | 51 | 54 | 53 | 51 | 48 | 49 | 49                | 49           | 49         | 50          | 49             | 49    | 49 | 48 | 4.9   | 56 | 34 | 89  | 22 |    |    |
| 4Q                         | 48  | 48 | 49 | 50 | 53 | 51 | 44 | 35 | 29 | 33 | 38 | 46 | 51 | 51 | 49 | 49 | 49 | 49                | 48           | 49         | 48          | 49             | 48    | 48 | 46 | 4.8   | 54 | 28 | 84  | 26 |    |    |
| 5                          | 47  | 47 | 47 | 50 | 52 | 49 | 42 | 37 | 36 | 37 | 40 | 43 | 47 | 48 | 46 | 45 | 45 | 49                | 52           | 51         | 50          | 49             | 46    | 47 | 46 | 4.6   | 53 | 35 | 88  | 18 |    |    |
| 6Q                         | 48  | 48 | 48 | 49 | 50 | 48 | 37 | 25 | 25 | 29 | 38 | 44 | 46 | 46 | 46 | 46 | 47 | 47                | 47           | 48         | 49          | 49             | 47    | 47 | 44 | 4.9   | 52 | 23 | 78  | 29 |    |    |
| 7                          | 48  | 48 | 50 | 52 | 54 | 52 | 46 | 34 | 25 | 25 | 29 | 35 | 42 | 47 | 50 | 48 | 50 | 50                | 50           | 49         | 49          | 49             | 49    | 48 | 45 | 4.6   | 55 | 24 | 86  | 31 |    |    |
| 8                          | 48  | 47 | 48 | 49 | 50 | 47 | 40 | 33 | 26 | 27 | 33 | 39 | 44 | 47 | 48 | 48 | 48 | 48                | 48           | 48         | 47          | 48             | 48    | 46 | 44 | 4.6   | 51 | 25 | 87  | 26 |    |    |
| 9D                         | 45  | 45 | 46 | 50 | 52 | 46 | 34 | 34 | 32 | 29 | 31 | 33 | 42 | 49 | 52 | 50 | 52 | 53                | 50           | 51         | 51          | 47             | 49    | 49 | 45 | 4.4   | 55 | 28 | 95  | 27 |    |    |
| 10D                        | 50  | 45 | 45 | 47 | 48 | 44 | 38 | 32 | 36 | 40 | 44 | 45 | 47 | 49 | 52 | 57 | 55 | 55                | 55           | 53         | 53          | 52             | 52    | 51 | 48 | 4.5   | 58 | 30 | 79  | 28 |    |    |
| 11                         | 50  | 51 | 51 | 54 | 54 | 49 | 42 | 38 | 40 | 40 | 36 | 36 | 40 | 44 | 47 | 48 | 49 | 48                | 48           | 48         | 49          | 48             | 48    | 48 | 46 | 3.9   | 55 | 35 | 109 | 20 |    |    |
| 12                         | 48  | 47 | 47 | 47 | 49 | 49 | 46 | 39 | 33 | 30 | 33 | 39 | 46 | 53 | 54 | 53 | 54 | 54                | 55           | 54         | 54          | 53             | 52    | 52 | 48 | 4.8   | 56 | 28 | 94  | 28 |    |    |
| 13                         | 51  | 50 | 51 | 53 | 57 | 55 | 46 | 41 | 37 | 31 | 36 | 44 | 49 | 50 | 49 | 48 | 48 | 49                | 50           | 50         | 48          | 47             | 46    | 47 | 47 | 4.4   | 58 | 30 | 94  | 28 |    |    |
| 14Q                        | 47  | 47 | 49 | 51 | 50 | 45 | 38 | 32 | 25 | 27 | 32 | 37 | 44 | 48 | 48 | 47 | 48 | 48                | 49           | 49         | 48          | 48             | 48    | 47 | 44 | 4.0   | 52 | 23 | 88  | 29 |    |    |
| 15                         | 47  | 46 | 48 | 49 | 47 | 42 | 35 | 29 | 23 | 16 | 22 | 31 | 38 | 42 | 42 | 44 | 45 | 47                | 46           | 47         | 47          | 47             | 47    | 47 | 41 | 3.8   | 50 | 15 | 96  | 35 |    |    |
| 16                         | 46  | 44 | 45 | 46 | 46 | 44 | 38 | 30 | 30 | 32 | 37 | 37 | 40 | 46 | 47 | 47 | 49 | 49                | 48           | 48         | 48          | 46             | 46    | 46 | 43 | 4.4   | 51 | 29 | 81  | 22 |    |    |
| 17                         | 47  | 46 | 48 | 48 | 48 | 44 | 37 | 31 | 26 | 25 | 29 | 37 | 41 | 46 | 46 | 47 | 47 | 48                | 49           | 49         | 49          | 47             | 47    | 47 | 43 | 4.3   | 50 | 24 | 92  | 26 |    |    |
| 18                         | 47  | 46 | 46 | 44 | 45 | 43 | 40 | 33 | 25 | 24 | 30 | 37 | 40 | 41 | 43 | 43 | 44 | 45                | 46           | 46         | 46          | 46             | 46    | 45 | 41 | 0.3   | 48 | 23 | 91  | 25 |    |    |
| 19                         | 45  | 46 | 47 | 48 | 48 | 44 | 40 | 37 | 33 | 32 | 37 | 39 | 42 | 41 | 42 | 42 | 43 | 45                | 47           | 48         | 47          | 47             | 47    | 46 | 43 | 4.5   | 49 | 31 | 94  | 18 |    |    |
| 20                         | 46  | 46 | 46 | 49 | 48 | 45 | 35 | 28 | 26 | 30 | 36 | 42 | 44 | 45 | 44 | 44 | 43 | 44                | 44           | 44         | 46          | 44             | 44    | 44 | 42 | 3.7   | 50 | 25 | 80  | 25 |    |    |
| 21                         | 45  | 45 | 44 | 46 | 48 | 46 | 44 | 40 | 32 | 29 | 34 | 39 | 39 | 41 | 46 | 45 | 44 | 44                | 44           | 45         | 45          | 45             | 45    | 45 | 42 | 4.7   | 49 | 27 | 93  | 22 |    |    |
| 22D                        | 45  | 45 | 48 | 49 | 47 | 42 | 39 | 34 | 30 | 35 | 36 | 39 | 41 | 44 | 48 | 46 | 45 | 47                | 49           | 49         | 48          | 47             | 46    | 44 | 43 | 4.8   | 50 | 29 | 86  | 21 |    |    |
| 23                         | 44  | 45 | 48 | 47 | 48 | 48 | 44 | 41 | 34 | 35 | 41 | 44 | 46 | 48 | 49 | 46 | 45 | 46                | 47           | 45         | 47          | 47             | 46    | 47 | 45 | 4.3   | 50 | 32 | 87  | 18 |    |    |
| 24D                        | 44  | 45 | 48 | 51 | 56 | 54 | 47 | 40 | 38 | 40 | 43 | 46 | 49 | 49 | 48 | 46 | 46 | 47                | 47           | 48         | 47          | 46             | 47    | 46 | 47 | 4.7   | 57 | 36 | 86  | 21 |    |    |
| 25                         | 46  | 46 | 49 | 50 | 50 | 48 | 43 | 36 | 30 | 32 | 39 | 42 | 43 | 46 | 48 | 46 | 46 | 46                | 46           | 46         | 46          | 46             | 46    | 46 | 44 | 4.4   | 51 | 29 | 89  | 22 |    |    |
| 26                         | 46  | 46 | 49 | 49 | 51 | 48 | 44 | 39 | 38 | 37 | 37 | 37 | 39 | 44 | 46 | 46 | 46 | 46                | 46           | 46         | 46          | 46             | 46    | 46 | 44 | 4.9   | 52 | 36 | 97  | 16 |    |    |
| 27Q                        | 45  | 46 | 48 | 48 | 49 | 48 | 45 | 39 | 36 | 36 | 33 | 35 | 37 | 41 | 43 | 43 | 43 | 44                | 44           | 44         | 44          | 44             | 44    | 44 | 43 | 4.5   | 50 | 32 | 105 | 18 |    |    |
| 28                         | 43  | 43 | 43 | 43 | 48 | 46 | 39 | 35 | 27 | 26 | 28 | 32 | 36 | 41 | 45 | 45 | 46 | 47                | 48           | 47         | 47          | 47             | 47    | 46 | 41 | 4.8   | 49 | 23 | 91  | 26 |    |    |
| 29                         | 45  | 46 | 47 | 49 | 50 | 50 | 43 | 35 | 30 | 32 | 33 | 40 | 43 | 45 | 46 | 45 | 45 | 46                | 46           | 45         | 45          | 46             | 45    | 44 | 43 | 5.2   | 53 | 29 | 88  | 24 |    |    |
| 30Q                        | 45  | 45 | 45 | 46 | 48 | 46 | 42 | 38 | 29 | 26 | 26 | 34 | 41 | 44 | 46 | 45 | 45 | 46                | 46           | 45         | 45          | 45             | 44    | 44 | 42 | 4.9   | 49 | 25 | 99  | 24 |    |    |
| 31                         |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                   |              |            |             |                |       |    |    |       |    |    |     |    |    |    |
| Среднее по<br>всем дням    | 47  | 46 | 47 | 49 | 50 | 47 | 41 | 35 | 31 | 31 | 35 | 39 | 43 | 46 | 47 | 47 | 47 | 48                | 48           | 48         | 48          | 47             | 47    | 47 | 44 |       | 52 | 28 |     | 24 |    |    |
| Среднее по<br>сп. дням     | 47  | 47 | 48 | 49 | 50 | 48 | 41 | 34 | 29 | 30 | 33 | 39 | 44 | 46 | 46 | 46 | 46 | 47                | 47           | 47         | 47          | 47             | 46    | 46 | 44 |       | 51 | 26 |     | 25 |    |    |
| Среднее по<br>возмущ. дням | 46  | 45 | 47 | 49 | 51 | 48 | 41 | 35 | 34 | 36 | 40 | 43 | 47 | 49 | 50 | 49 | 49 | 50                | 50           | 50         | 50          | 48             | 49    | 48 | 46 |       | 55 | 31 |     | 24 |    |    |
| Сумма по<br>всем дням      |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                   |              |            |             |                |       |    |    |       |    |    |     |    |    |    |
| Сумма по<br>сп. дням       |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                   |              |            |             |                |       |    |    |       |    |    |     |    |    |    |
| Сумма по<br>возмущ. дням   |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                   |              |            |             |                |       |    |    |       |    |    |     |    |    |    |

Условные обозначения:  $\Delta$  — погасла лампа;  $>$  или  $<$  — запись вышла за бумагу;  $\square$  — остановились часы  
Длинные причины отсутств. записи. Величины, взятые приближенно с магнитограммы — ( )

Обработал Зотиков В. И.

Проверил Вердзеев П. Ж.

Месяц май год 1986

Δ = 4°50'0 +          =          ° =

| Время<br>жировое |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | Средн.<br>суточн. | Время<br>тах | Max<br>тит | Mini<br>тит | время<br>minim | Ампл. |      |  | Сумма |    |
|------------------|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------------------|--------------|------------|-------------|----------------|-------|------|--|-------|----|
|                  | Дни | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 18   | 19   | 20   | 21   | 22   | 23   |                   |              |            |             |                |       |      |  |       | 24 |
|                  | 1   | 18.2 | 18.4 | 19.6 | 20.6 | 22.0 | 22.6 | 21.0 | 17.8 | 14.8 | 13.1 | 12.9 | 14.4 | 15.9 | 16.3 | 16.9 | 17.2 | 17.2 | 17.2 | 17.4 | 17.4 | 17.2 | 17.3 | 17.9 | 17.8              | 17.5         | 5.6        | 22.7        | 12.7           | 10.2  | 10.0 |  |       |    |
| D                | 2   | 18.7 | 18.7 | 19.9 | 20.4 | 20.7 | 21.1 | 19.3 | 16.2 | 14.2 | 12.9 | 12.9 | 13.1 | 14.2 | 16.8 | 18.9 | 19.5 | 20.1 | 22.7 | 24.0 | 23.8 | 24.2 | 26.2 | 25.1 | 19.4              | 19.3         | 19.5       | 27.7        | 12.2           | 9.8   | 15.5 |  |       |    |
| D                | 3   | 21.7 | 17.8 | 18.2 | 20.2 | 22.1 | 22.7 | 20.6 | 19.6 | 17.4 | 16.0 | 16.1 | 17.2 | 18.2 | 18.1 | 19.3 | 19.7 | 19.3 | 19.0 | 19.1 | 19.7 | 20.5 | 20.4 | 20.2 | 20.4              | 19.3         | 5.1        | 23.6        | 15.0           | 2.0   | 8.6  |  |       |    |
| D                | 4   | 20.6 | 20.8 | 20.7 | 21.6 | 22.3 | 22.3 | 20.9 | 18.2 | 14.8 | 12.9 | 11.8 | 12.9 | 13.7 | 17.6 | 16.5 | 16.5 | 18.0 | 18.0 | 18.4 | 18.4 | 18.9 | 19.3 | 17.9 | 20.2              | 18.0         | 4.8        | 22.6        | 10.1           | 10.0  | 12.5 |  |       |    |
|                  | 5   | 20.6 | 20.0 | 20.2 | 20.6 | 21.2 | 21.0 | 19.6 | 17.6 | 15.4 | 14.2 | 14.3 | 15.2 | 16.1 | 17.2 | 17.6 | 19.1 | 19.1 | 20.0 | 20.8 | 21.2 | 21.1 | 21.0 | 23.0 | 23.1              | 19.1         | 23.4       | 24.7        | 13.8           | 9.5   | 10.9 |  |       |    |
| D                | 6   | 21.4 | 22.0 | 21.9 | 22.3 | 23.2 | 21.9 | 16.6 | 15.7 | 14.3 | 14.4 | 15.0 | 14.5 | 16.0 | 17.4 | 17.0 | 20.2 | 21.4 | 22.5 | 20.9 | 22.5 | 24.4 | 24.4 | 22.4 | 20.7              | 19.7         | 21.2       | 27.9        | 13.3           | 11.7  | 14.6 |  |       |    |
|                  | 7   | 17.6 | 20.4 | 21.7 | 22.7 | 23.2 | 23.2 | 20.4 | 17.2 | 15.0 | 15.2 | 15.9 | 16.5 | 16.9 | 17.2 | 18.0 | 18.3 | 18.4 | 19.3 | 21.2 | 19.7 | 19.0 | 19.1 | 19.0 | 18.9              | 18.9         | 5.4        | 23.6        | 14.7           | 8.4   | 8.9  |  |       |    |
|                  | 8   | 18.4 | 19.1 | 20.4 | 21.9 | 22.9 | 23.0 | 21.2 | 18.4 | 16.1 | 14.9 | 15.2 | 15.7 | 16.7 | 18.0 | 18.2 | 17.8 | 17.2 | 17.2 | 17.8 | 18.3 | 18.2 | 18.4 | 18.7 | 18.1              | 18.4         | 5.2        | 23.2        | 14.6           | 9.8   | 8.6  |  |       |    |
|                  | 9   | 18.5 | 19.0 | 21.1 | 21.9 | 21.9 | 21.9 | 21.0 | 18.1 | 15.4 | 13.6 | 13.5 | 15.4 | 16.7 | 17.8 | 18.7 | 18.0 | 17.7 | 17.6 | 17.3 | 17.2 | 17.6 | 18.2 | 18.7 | 18.9              | 18.2         | 3.4        | 22.6        | 13.3           | 10.1  | 9.3  |  |       |    |
|                  | 10  | 18.7 | 18.6 | 20.0 | 20.8 | 21.4 | 21.1 | 19.5 | 17.2 | 15.2 | 13.9 | 12.9 | 13.3 | 15.2 | 17.0 | 17.4 | 17.8 | 17.7 | 18.0 | 18.9 | 18.5 | 18.3 | 18.4 | 18.7 | 18.9              | 17.8         | 4.9        | 21.7        | 12.4           | 10.8  | 9.3  |  |       |    |
|                  | 11  | 19.3 | 19.5 | 20.5 | 20.5 | 20.8 | 20.8 | 20.2 | 18.4 | 16.1 | 14.4 | 13.7 | 13.6 | 13.7 | 14.2 | 15.7 | 16.3 | 17.6 | 17.6 | 18.0 | 18.1 | 18.0 | 18.2 | 18.2 | 18.7              | 17.6         | 5.1        | 21.4        | 13.3           | 11.2  | 8.1  |  |       |    |
|                  | 12  | 18.9 | 18.7 | 20.0 | 19.2 | 18.9 | 20.8 | 20.6 | 18.9 | 16.3 | 14.6 | 14.2 | 14.4 | 15.3 | 16.6 | 18.4 | 17.6 | 17.5 | 17.6 | 17.7 | 18.1 | 18.2 | 18.5 | 18.7 | 18.7              | 17.8         | 5.7        | 21.3        | 13.8           | 10.5  | 7.5  |  |       |    |
|                  | 13  | 18.7 | 18.9 | 20.0 | 20.6 | 21.4 | 21.9 | 20.2 | 18.4 | 16.9 | 15.3 | 14.6 | 14.4 | 15.0 | 16.3 | 17.6 | 17.8 | 18.0 | 18.0 | 18.4 | 18.4 | 18.4 | 18.3 | 18.7 | 18.7              | 18.1         | 5.2        | 22.0        | 14.2           | 11.1  | 7.8  |  |       |    |
| Q                | 14  | 18.7 | 19.1 | 19.9 | 20.4 | 20.4 | 20.2 | 19.7 | 18.3 | 16.1 | 15.0 | 14.4 | 14.7 | 15.0 | 15.5 | 16.5 | 17.4 | 17.4 | 17.4 | 17.6 | 17.8 | 18.4 | 18.5 | 18.5 | 18.4              | 17.7         | 3.1        | 20.6        | 14.2           | 10.5  | 6.4  |  |       |    |
| Q                | 15  | 18.7 | 19.1 | 19.5 | 20.2 | 21.0 | 21.3 | 21.0 | 19.5 | 17.4 | 15.4 | 14.4 | 14.2 | 14.4 | 15.4 | 16.1 | 16.6 | 16.7 | 17.2 | 17.8 | 18.2 | 18.9 | 19.0 | 19.3 | 19.3              | 17.9         | 5.9        | 21.7        | 14.0           | 11.3  | 7.7  |  |       |    |
|                  | 16  | 19.1 | 19.3 | 19.6 | 19.3 | 20.0 | 21.2 | 21.4 | 19.1 | 15.4 | 13.3 | 12.4 | 13.1 | 13.7 | 14.4 | 16.1 | 16.9 | 17.2 | 17.8 | 19.1 | 20.0 | 20.2 | 20.4 | 20.0 | 19.5              | 17.9         | 6.5        | 21.7        | 12.0           | 10.9  | 9.7  |  |       |    |
|                  | 17  | 20.9 | 20.6 | 20.4 | 20.4 | 19.7 | 21.0 | 20.7 | 19.3 | 18.2 | 16.6 | 15.1 | 14.2 | 14.4 | 15.7 | 16.5 | 16.2 | 16.3 | 16.4 | 17.2 | 17.7 | 18.0 | 17.8 | 18.0 | 18.4              | 17.9         | 5.8        | 21.2        | 13.7           | 11.1  | 7.5  |  |       |    |
|                  | 18  | 18.7 | 18.7 | 19.5 | 20.4 | 20.2 | 19.7 | 18.7 | 17.4 | 15.0 | 13.1 | 12.4 | 12.9 | 13.9 | 14.6 | 15.9 | 16.7 | 16.6 | 16.9 | 17.4 | 17.6 | 18.2 | 18.3 | 18.7 | 19.5              | 17.1         | 3.4        | 20.6        | 11.8           | 10.9  | 8.8  |  |       |    |
|                  | 19  | 19.3 | 19.7 | 20.2 | 19.6 | 20.0 | 20.7 | 19.7 | 18.2 | 16.1 | 13.8 | 12.7 | 12.2 | 12.7 | 14.8 | 15.9 | 17.4 | 17.4 | 17.2 | 18.2 | 17.3 | 17.8 | 18.4 | 18.4 | 18.2              | 17.3         | 5.5        | 21.0        | 12.0           | 11.1  | 9.0  |  |       |    |
|                  | 20  | 18.9 | 18.9 | 20.2 | 19.7 | 20.8 | 21.7 | 21.2 | 19.8 | 17.8 | 15.4 | 14.2 | 14.2 | 15.1 | 16.1 | 17.2 | 17.2 | 16.9 | 16.7 | 17.6 | 18.0 | 18.2 | 18.5 | 18.4 | 18.4              | 18.0         | 5.7        | 21.9        | 13.6           | 10.9  | 8.3  |  |       |    |
|                  | 21  | 18.9 | 18.9 | 19.6 | 20.4 | 21.2 | 21.7 | 20.6 | 19.2 | 16.8 | 15.7 | 14.0 | 13.2 | 13.5 | 14.8 | 16.2 | 16.7 | 17.0 | 17.2 | 17.9 | 18.4 | 18.9 | 18.4 | 18.2 | 18.0              | 17.7         | 5.6        | 21.9        | 13.1           | 11.5  | 8.8  |  |       |    |
| Q                | 22  | 18.0 | 18.4 | 19.1 | 19.4 | 19.7 | 20.2 | 19.5 | 17.8 | 15.7 | 13.3 | 11.8 | 11.6 | 12.4 | 14.6 | 15.9 | 16.5 | 16.7 | 16.8 | 17.4 | 17.8 | 17.8 | 18.0 | 18.1 | 18.4              | 16.9         | 5.4        | 20.2        | 11.4           | 11.2  | 8.8  |  |       |    |
|                  | 23  | 17.8 | 18.6 | 19.4 | 20.2 | 20.8 | 21.9 | 20.6 | 18.0 | 15.4 | 12.4 | 11.6 | 12.7 | 14.4 | 15.7 | 16.9 | 17.4 | 17.3 | 17.5 | 18.0 | 17.8 | 18.1 | 18.7 | 18.9 | 18.5              | 17.4         | 5.5        | 22.1        | 11.4           | 10.1  | 10.7 |  |       |    |
|                  | 24  | 19.3 | 18.7 | 19.6 | 20.8 | 20.8 | 20.6 | 19.6 | 17.2 | 14.2 | 13.1 | 13.2 | 13.2 | 14.6 | 15.9 | 17.2 | 16.9 | 17.0 | 17.0 | 17.2 | 17.2 | 17.4 | 17.6 | 18.0 | 18.2              | 17.3         | 3.8        | 21.4        | 13.0           | 9.6   | 8.4  |  |       |    |
|                  | 25  | 18.7 | 18.9 | 20.0 | 20.8 | 21.4 | 21.6 | 19.9 | 17.6 | 15.4 | 13.2 | 12.2 | 13.1 | 14.2 | 16.5 | 17.2 | 17.8 | 17.6 | 17.7 | 18.0 | 18.0 | 18.1 | 18.4 | 18.8 | 18.7              | 17.7         | 5.6        | 22.2        | 11.8           | 10.4  | 10.4 |  |       |    |
|                  | 26  | 18.4 | 18.9 | 19.7 | 20.4 | 21.0 | 21.9 | 20.8 | 19.6 | 17.6 | 15.5 | 14.2 | 13.5 | 14.0 | 15.9 | 17.2 | 17.7 | 18.9 | 18.7 | 18.4 | 18.4 | 18.0 | 18.1 | 18.0 | 18.4              | 18.0         | 5.6        | 22.3        | 13.4           | 11.6  | 8.9  |  |       |    |
|                  | 27  | 18.3 | 17.9 | 19.7 | 20.6 | 20.8 | 21.2 | 20.8 | 19.3 | 17.4 | 15.9 | 14.7 | 13.9 | 14.8 | 15.7 | 16.9 | 17.3 | 17.2 | 16.7 | 17.2 | 17.2 | 17.8 | 17.7 | 18.2 | 18.4              | 17.7         | 5.6        | 21.5        | 13.7           | 11.5  | 7.8  |  |       |    |
| Q                | 28  | 18.4 | 19.7 | 20.3 | 21.3 | 21.3 | 21.4 | 20.8 | 19.1 | 17.4 | 15.4 | 15.0 | 15.3 | 15.7 | 15.9 | 16.3 | 16.7 | 17.0 | 17.4 | 17.8 | 18.1 | 17.8 | 17.8 | 18.1 | 18.1              | 18.0         | 5.5        | 21.6        | 14.8           | 10.2  | 6.8  |  |       |    |

Обсерватория Душети (Гюмисси)

Среднемесячн.  $H = 24057^{\circ}$

Элемент Горизонтальная составляющая

Месяц Май год 1986

$H = 23930^{\circ} + \quad = \quad = \quad =$

| Время<br>кировое           |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | Средн.<br>суточн. | Время<br>тах | Max<br>tut | Mini<br>tut | время<br>minim | Ампл. |  |  | Сумма |
|----------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------------------|--------------|------------|-------------|----------------|-------|--|--|-------|
|                            | Дни | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24  |                   |              |            |             |                |       |  |  |       |
| 1                          | 137 | 135 | 137 | 132 | 125 | 125 | 121 | 124 | 127 | 137 | 138 | 134 | 136 | 136 | 134 | 136 | 138 | 140 | 140 | 142 | 145 | 145 | 147 | 146 | 136 | 20.3              | 158          | 118        | 6.7         | 40             |       |  |  |       |
| 2 D                        | 144 | 148 | 147 | 142 | 144 | 132 | 120 | 131 | 138 | 143 | 136 | 124 | 96  | 74  | 68  | 55  | 60  | 52  | 74  | 89  | 106 | 107 | 112 | 136 | 112 | 9.6               | 155          | 42         | 14.8        | 113            |       |  |  |       |
| 3 D                        | 140 | 98  | 126 | 108 | 82  | 70  | 79  | 70  | 92  | 100 | 102 | 105 | 102 | 100 | 98  | 102 | 107 | 108 | 108 | 119 | 116 | 112 | 113 | 108 | 103 | 0.1               | 150          | 62         | 7.2         | 88             |       |  |  |       |
| 4 D                        | 109 | 111 | 118 | 118 | 111 | 96  | 88  | 98  | 112 | 128 | 146 | 148 | 113 | 96  | 115 | 107 | 113 | 123 | 120 | 125 | 125 | 125 | 142 | 132 | 117 | 11.7              | 162          | 82         | 13.4        | 80             |       |  |  |       |
| 5                          | 124 | 120 | 120 | 120 | 112 | 103 | 104 | 115 | 130 | 135 | 135 | 126 | 120 | 112 | 106 | 112 | 102 | 102 | 98  | 94  | 94  | 114 | 122 | 118 | 114 | 10.1              | 137          | 88         | 20.5        | 49             |       |  |  |       |
| 6 D                        | 113 | 118 | 110 | 106 | 72  | 46  | 68  | 60  | 76  | 72  | 87  | 70  | 35  | 32  | 39  | 48  | 45  | 59  | 72  | 95  | 80  | 140 | 92  | 96  | 76  | 21.7              | 172          | 16         | 13.1        | 156            |       |  |  |       |
| 7                          | 112 | 120 | 114 | 101 | 88  | 90  | 87  | 89  | 107 | 117 | 114 | 124 | 118 | 105 | 94  | 96  | 94  | 100 | 124 | 112 | 108 | 109 | 113 | 116 | 106 | 18.5              | 140          | 78         | 6.9         | 62             |       |  |  |       |
| 8                          | 116 | 114 | 118 | 115 | 111 | 108 | 111 | 122 | 125 | 127 | 134 | 132 | 120 | 112 | 107 | 108 | 119 | 122 | 120 | 119 | 125 | 120 | 118 | 122 | 119 | 11.4              | 140          | 102        | 14.4        | 38             |       |  |  |       |
| 9                          | 124 | 124 | 126 | 118 | 113 | 113 | 112 | 118 | 122 | 130 | 138 | 132 | 128 | 120 | 120 | 127 | 126 | 132 | 138 | 138 | 138 | 136 | 132 | 134 | 127 | 18.7              | 146          | 108        | 6.2         | 38             |       |  |  |       |
| 10                         | 130 | 133 | 130 | 127 | 119 | 114 | 114 | 116 | 125 | 138 | 149 | 144 | 131 | 125 | 126 | 125 | 126 | 132 | 134 | 131 | 132 | 137 | 134 | 136 | 130 | 10.6              | 154          | 112        | 7.2         | 42             |       |  |  |       |
| 11                         | 134 | 136 | 138 | 139 | 131 | 129 | 130 | 130 | 136 | 143 | 149 | 143 | 143 | 142 | 134 | 131 | 130 | 129 | 130 | 133 | 144 | 150 | 154 | 142 | 138 | 22.4              | 156          | 124        | 5.9         | 32             |       |  |  |       |
| 12                         | 142 | 138 | 132 | 126 | 125 | 114 | 112 | 114 | 117 | 124 | 124 | 120 | 117 | 118 | 122 | 122 | 125 | 128 | 131 | 131 | 132 | 134 | 135 | 133 | 126 | 0.8               | 144          | 108        | 6.3         | 36             |       |  |  |       |
| 13                         | 133 | 134 | 136 | 134 | 133 | 132 | 130 | 130 | 137 | 142 | 142 | 138 | 132 | 132 | 126 | 125 | 127 | 131 | 136 | 136 | 137 | 138 | 138 | 136 | 134 | 10.0              | 146          | 123        | 15.7        | 23             |       |  |  |       |
| 14 Q                       | 136 | 132 | 133 | 139 | 135 | 127 | 124 | 126 | 130 | 134 | 138 | 136 | 132 | 132 | 131 | 134 | 137 | 140 | 141 | 138 | 139 | 143 | 139 | 137 | 135 | 21.2              | 145          | 120        | 6.9         | 25             |       |  |  |       |
| 15 Q                       | 136 | 133 | 134 | 136 | 131 | 130 | 134 | 137 | 145 | 150 | 149 | 137 | 134 | 130 | 128 | 126 | 128 | 133 | 138 | 134 | 130 | 138 | 137 | 132 | 135 | 9.9               | 154          | 121        | 15.4        | 33             |       |  |  |       |
| 16                         | 132 | 136 | 140 | 142 | 137 | 131 | 122 | 124 | 130 | 130 | 131 | 132 | 134 | 128 | 125 | 124 | 122 | 125 | 116 | 114 | 110 | 112 | 120 | 134 | 127 | 3.3               | 144          | 106        | 20.8        | 38             |       |  |  |       |
| 17                         | 122 | 118 | 132 | 126 | 118 | 115 | 117 | 112 | 113 | 118 | 126 | 126 | 128 | 120 | 112 | 114 | 134 | 139 | 140 | 141 | 142 | 137 | 138 | 139 | 126 | 20.8              | 148          | 107        | 7.8         | 41             |       |  |  |       |
| 18                         | 136 | 137 | 140 | 136 | 132 | 128 | 124 | 130 | 134 | 134 | 130 | 124 | 120 | 123 | 126 | 130 | 134 | 138 | 142 | 141 | 141 | 144 | 140 | 136 | 133 | 21.5              | 148          | 117        | 12.7        | 31             |       |  |  |       |
| 19                         | 136 | 136 | 132 | 126 | 127 | 120 | 118 | 132 | 143 | 149 | 149 | 153 | 148 | 146 | 144 | 130 | 114 | 122 | 144 | 148 | 144 | 143 | 146 | 140 | 137 | 11.7              | 156          | 108        | 16.5        | 48             |       |  |  |       |
| 20                         | 139 | 141 | 138 | 142 | 134 | 125 | 114 | 116 | 126 | 138 | 143 | 137 | 134 | 136 | 133 | 137 | 139 | 135 | 131 | 132 | 132 | 134 | 134 | 136 | 134 | 10.8              | 146          | 112        | 6.9         | 34             |       |  |  |       |
| 21                         | 139 | 143 | 143 | 138 | 132 | 130 | 124 | 124 | 125 | 124 | 136 | 140 | 139 | 136 | 132 | 136 | 138 | 136 | 139 | 136 | 142 | 138 | 136 | 136 | 135 | 1.3               | 148          | 117        | 9.5         | 31             |       |  |  |       |
| 22 Q                       | 138 | 140 | 144 | 142 | 131 | 121 | 119 | 119 | 126 | 137 | 149 | 152 | 152 | 146 | 142 | 139 | 138 | 143 | 144 | 152 | 155 | 155 | 150 | 150 | 141 | 21.5              | 160          | 114        | 6.8         | 46             |       |  |  |       |
| 23                         | 149 | 146 | 146 | 142 | 130 | 122 | 130 | 130 | 130 | 142 | 145 | 144 | 144 | 137 | 132 | 129 | 129 | 132 | 138 | 140 | 138 | 140 | 138 | 142 | 137 | 0.6               | 154          | 118        | 5.5         | 36             |       |  |  |       |
| 24                         | 137 | 142 | 148 | 143 | 132 | 128 | 126 | 126 | 139 | 154 | 160 | 150 | 142 | 132 | 120 | 116 | 126 | 137 | 138 | 142 | 140 | 136 | 137 | 144 | 137 | 10.9              | 163          | 111        | 15.3        | 52             |       |  |  |       |
| 25                         | 146 | 150 | 147 | 141 | 124 | 110 | 101 | 120 | 150 | 158 | 143 | 126 | 137 | 128 | 122 | 120 | 132 | 132 | 128 | 130 | 133 | 132 | 134 | 132 | 132 | 9.7               | 161          | 95         | 6.8         | 66             |       |  |  |       |
| 26                         | 136 | 139 | 142 | 143 | 131 | 120 | 113 | 106 | 120 | 128 | 137 | 142 | 139 | 132 | 130 | 120 | 116 | 120 | 130 | 131 | 130 | 132 | 132 | 134 | 129 | 3.8               | 146          | 100        | 7.7         | 46             |       |  |  |       |
| 27                         | 134 | 143 | 143 | 145 | 133 | 124 | 117 | 107 | 115 | 128 | 130 | 134 | 136 | 136 | 136 | 133 | 136 | 140 | 138 | 144 | 144 | 144 | 137 | 141 | 134 | 2.2               | 150          | 102        | 7.7         | 48             |       |  |  |       |
| 28 Q                       | 133 | 136 | 134 | 134 | 128 | 122 | 121 | 129 | 136 | 141 | 142 | 142 | 138 | 132 | 127 | 126 | 129 | 132 | 133 | 133 | 134 | 135 | 135 | 134 | 133 | 10.3              | 147          | 118        | 6.3         | 29             |       |  |  |       |
| 29 Q                       | 138 | 140 | 142 | 142 | 135 | 126 | 124 | 132 | 142 | 149 | 158 | 158 | 152 | 148 | 140 | 136 | 139 | 142 | 143 | 143 | 143 | 137 | 136 | 142 | 141 | 11.5              | 162          | 120        | 6.8         | 42             |       |  |  |       |
| 30                         | 138 | 140 | 143 | 140 | 126 | 119 | 123 | 126 | 132 | 142 | 154 | 160 | 157 | 147 | 142 | 137 | 142 | 148 | 140 | 131 | 136 | 154 | 144 | 138 | 140 | 11.5              | 162          | 117        | 5.6         | 45             |       |  |  |       |
| 31 D                       | 136 | 138 | 140 | 142 | 131 | 114 | 113 | 108 | 105 | 110 | 118 | 123 | 114 | 125 | 126 | 125 | 128 | 133 | 136 | 148 | 134 | 138 | 126 | 133 | 127 | 19.4              | 156          | 100        | 8.2         | 56             |       |  |  |       |
| Среднее по<br>всем дням    | 133 | 133 | 135 | 132 | 123 | 116 | 114 | 117 | 125 | 132 | 137 | 134 | 128 | 123 | 121 | 120 | 122 | 125 | 129 | 130 | 131 | 134 | 133 | 133 | 127 |                   | 152          | 102        |             | 50             |       |  |  |       |
| Среднее по<br>сп. дням     | 136 | 136 | 137 | 139 | 132 | 125 | 124 | 129 | 136 | 142 | 147 | 145 | 142 | 138 | 134 | 132 | 134 | 138 | 140 | 140 | 140 | 142 | 139 | 139 | 137 |                   | 154          | 119        |             | 35             |       |  |  |       |
| Среднее по<br>возмущ. дням | 128 | 123 | 128 | 123 | 108 | 92  | 94  | 93  | 105 | 111 | 118 | 114 | 92  | 85  | 89  | 87  | 91  | 95  | 102 | 115 | 112 | 124 | 117 | 121 | 107 |                   | 159          | 60         |             | 99             |       |  |  |       |
| Сумма по<br>всем дням      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                   |              |            |             |                |       |  |  |       |
| Сумма по<br>сп. дням       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                   |              |            |             |                |       |  |  |       |
| Сумма по<br>возмущ. дням   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                   |              |            |             |                |       |  |  |       |

Условные обозначения:  $\Delta$  — погасла лампа;  $>$  или  $<$  — запись вышла за бумагу;  $\square$  — остановились часы  
Длинные причины отсутств. записи. Величины, взятые приближенно с магнитограммы — ( )

Обработал Шермадини У. Н. Проверил Эбремидзе М. А.

Обсерватория Душети (Геофизическая)

Среднемесячн.  $\bar{I} = 42.196^\pm$

Элемент Вертикальная составляющая

Месяц Май год 1986

$\bar{I} = 42.150^\pm + \quad = \quad = \quad = \quad =$

| Время<br>мировое<br>Дни    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | Средн.<br>суточн. | Время<br>max | Maxi<br>tum | Mini<br>tum | время<br>minim | Ампл. |    |    | Сумма |    |    |      |    |  |  |  |  |
|----------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------------------|--------------|-------------|-------------|----------------|-------|----|----|-------|----|----|------|----|--|--|--|--|
|                            | 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18                | 19           | 20          | 21          | 22             | 23    | 24 |    |       |    |    |      |    |  |  |  |  |
| 1                          | 46 | 46 | 47 | 46 | 47 | 42 | 35 | 27 | 23 | 27 | 34 | 37 | 39 | 39 | 41 | 40 | 43 | 44                | 44           | 44          | 44          | 44             | 44    | 44 | 40 | 4.4   | 49 | 22 | 8.4  | 27 |  |  |  |  |
| D 2                        | 44 | 44 | 44 | 45 | 46 | 43 | 32 | 24 | 24 | 31 | 35 | 40 | 47 | 54 | 64 | 66 | 67 | 67                | 64           | 60          | 54          | 51             | 48    | 43 | 47 | 17.7  | 69 | 21 | 8.2  | 48 |  |  |  |  |
| D 3                        | 39 | 47 | 43 | 48 | 53 | 52 | 46 | 43 | 42 | 43 | 46 | 51 | 53 | 53 | 54 | 54 | 53 | 54                | 54           | 52          | 52          | 53             | 52    | 53 | 50 | 14.4  | 55 | 37 | 0.1  | 18 |  |  |  |  |
| D 4                        | 52 | 52 | 52 | 52 | 51 | 47 | 39 | 32 | 28 | 30 | 26 | 32 | 43 | 49 | 48 | 51 | 51 | 51                | 52           | 51          | 51          | 51             | 49    | 48 | 45 | 3.8   | 53 | 25 | 10.4 | 28 |  |  |  |  |
| 5                          | 48 | 50 | 51 | 50 | 52 | 50 | 44 | 38 | 35 | 40 | 43 | 46 | 48 | 53 | 55 | 54 | 56 | 57                | 58           | 58          | 58          | 55             | 52    | 51 | 50 | 20.6  | 59 | 34 | 8.3  | 25 |  |  |  |  |
| D 6                        | 51 | 50 | 50 | 50 | 51 | 48 | 40 | 38 | 43 | 46 | 52 | 61 | 66 | 70 | 74 | 76 | 79 | 77                | 73           | 66          | 65          | 52             | 57    | 58 | 58 | 16.2  | 81 | 35 | 7.4  | 46 |  |  |  |  |
| 7                          | 55 | 54 | 56 | 59 | 58 | 52 | 49 | 48 | 48 | 50 | 54 | 54 | 56 | 58 | 59 | 58 | 61 | 61                | 57           | 57          | 57          | 56             | 56    | 56 | 55 | 17.2  | 62 | 47 | 7.7  | 15 |  |  |  |  |
| 8                          | 56 | 56 | 57 | 56 | 54 | 48 | 39 | 33 | 31 | 33 | 36 | 44 | 48 | 51 | 53 | 52 | 52 | 54                | 55           | 55          | 53          | 53             | 53    | 53 | 49 | 2.3   | 58 | 30 | 8.2  | 28 |  |  |  |  |
| 9                          | 52 | 53 | 53 | 54 | 52 | 45 | 37 | 31 | 29 | 27 | 30 | 38 | 43 | 47 | 48 | 48 | 49 | 49                | 49           | 50          | 51          | 51             | 51    | 50 | 45 | 3.1   | 55 | 27 | 9.1  | 28 |  |  |  |  |
| 10                         | 51 | 49 | 50 | 50 | 51 | 47 | 39 | 31 | 31 | 32 | 32 | 33 | 39 | 44 | 46 | 47 | 48 | 49                | 50           | 51          | 51          | 50             | 51    | 50 | 45 | 4.4   | 52 | 30 | 8.1  | 22 |  |  |  |  |
| 11                         | 50 | 49 | 48 | 48 | 49 | 45 | 39 | 34 | 29 | 33 | 35 | 37 | 38 | 44 | 46 | 47 | 48 | 50                | 51           | 50          | 50          | 49             | 48    | 48 | 44 | 18.5  | 52 | 28 | 8.7  | 24 |  |  |  |  |
| 12                         | 48 | 50 | 51 | 50 | 51 | 54 | 56 | 49 | 42 | 37 | 35 | 36 | 42 | 48 | 52 | 53 | 52 | 51                | 51           | 51          | 51          | 50             | 50    | 50 | 48 | 6.3   | 59 | 34 | 10.9 | 25 |  |  |  |  |
| 13                         | 49 | 50 | 52 | 52 | 53 | 49 | 40 | 30 | 31 | 34 | 36 | 40 | 42 | 48 | 51 | 50 | 48 | 49                | 49           | 49          | 49          | 48             | 48    | 48 | 46 | 4.3   | 55 | 27 | 7.9  | 28 |  |  |  |  |
| Q 14                       | 48 | 49 | 48 | 46 | 49 | 50 | 46 | 42 | 34 | 31 | 34 | 39 | 41 | 45 | 48 | 49 | 47 | 47                | 47           | 47          | 48          | 46             | 47    | 47 | 45 | 5.7   | 52 | 29 | 9.8  | 23 |  |  |  |  |
| Q 15                       | 47 | 47 | 47 | 44 | 44 | 43 | 35 | 32 | 31 | 31 | 33 | 37 | 41 | 44 | 49 | 49 | 49 | 49                | 49           | 50          | 50          | 48             | 47    | 48 | 44 | 20.1  | 51 | 30 | 8.6  | 21 |  |  |  |  |
| 16                         | 48 | 49 | 47 | 50 | 54 | 57 | 54 | 46 | 38 | 38 | 41 | 45 | 45 | 48 | 49 | 51 | 52 | 53                | 55           | 54          | 54          | 54             | 52    | 49 | 49 | 5.9   | 61 | 37 | 9.0  | 24 |  |  |  |  |
| 17                         | 49 | 51 | 50 | 50 | 53 | 54 | 50 | 43 | 39 | 41 | 41 | 45 | 44 | 47 | 52 | 53 | 51 | 51                | 52           | 52          | 52          | 52             | 52    | 50 | 49 | 5.7   | 55 | 38 | 8.1  | 17 |  |  |  |  |
| 18                         | 50 | 52 | 53 | 53 | 53 | 50 | 46 | 42 | 36 | 32 | 32 | 40 | 43 | 45 | 48 | 49 | 49 | 50                | 51           | 51          | 51          | 50             | 50    | 50 | 47 | 4.3   | 56 | 30 | 9.8  | 26 |  |  |  |  |
| 19                         | 49 | 50 | 51 | 50 | 50 | 51 | 47 | 43 | 41 | 37 | 38 | 40 | 46 | 49 | 53 | 55 | 57 | 56                | 53           | 53          | 53          | 53             | 52    | 52 | 49 | 16.6  | 58 | 36 | 9.6  | 22 |  |  |  |  |
| 20                         | 51 | 55 | 58 | 55 | 58 | 63 | 66 | 60 | 48 | 44 | 46 | 50 | 51 | 52 | 54 | 51 | 48 | 50                | 51           | 50          | 50          | 49             | 49    | 49 | 52 | 6.5   | 67 | 43 | 9.5  | 24 |  |  |  |  |
| 21                         | 49 | 49 | 51 | 51 | 50 | 45 | 45 | 41 | 34 | 30 | 29 | 32 | 36 | 41 | 44 | 45 | 46 | 48                | 48           | 48          | 48          | 48             | 47    | 47 | 44 | 3.2   | 53 | 28 | 10.1 | 25 |  |  |  |  |
| Q 22                       | 46 | 47 | 48 | 48 | 52 | 52 | 45 | 38 | 32 | 22 | 24 | 30 | 36 | 43 | 46 | 44 | 44 | 46                | 47           | 47          | 46          | 46             | 46    | 44 | 42 | 5.3   | 53 | 20 | 9.7  | 33 |  |  |  |  |
| 23                         | 45 | 48 | 50 | 50 | 51 | 50 | 40 | 32 | 31 | 30 | 35 | 41 | 44 | 48 | 49 | 48 | 47 | 47                | 46           | 47          | 47          | 47             | 47    | 46 | 44 | 4.6   | 52 | 27 | 9.5  | 25 |  |  |  |  |
| 24                         | 45 | 48 | 49 | 51 | 51 | 48 | 43 | 34 | 26 | 24 | 27 | 30 | 33 | 42 | 48 | 46 | 44 | 45                | 45           | 45          | 46          | 47             | 47    | 45 | 42 | 3.3   | 52 | 23 | 9.1  | 29 |  |  |  |  |
| 25                         | 44 | 46 | 49 | 48 | 51 | 54 | 47 | 38 | 35 | 33 | 33 | 34 | 38 | 46 | 48 | 47 | 45 | 45                | 46           | 46          | 47          | 48             | 47    | 46 | 44 | 5.5   | 55 | 31 | 9.2  | 24 |  |  |  |  |
| 26                         | 45 | 46 | 47 | 46 | 47 | 48 | 45 | 38 | 34 | 35 | 36 | 38 | 43 | 46 | 49 | 49 | 49 | 50                | 49           | 48          | 48          | 47             | 47    | 47 | 45 | 17.1  | 51 | 33 | 8.3  | 18 |  |  |  |  |
| 27                         | 47 | 47 | 47 | 47 | 50 | 52 | 47 | 42 | 38 | 34 | 33 | 32 | 35 | 43 | 47 | 45 | 44 | 45                | 45           | 45          | 45          | 45             | 46    | 45 | 44 | 5.6   | 53 | 31 | 11.5 | 22 |  |  |  |  |
| Q 28                       | 46 | 46 | 46 | 43 | 40 | 40 | 38 | 32 | 28 | 32 | 35 | 36 | 38 | 40 | 42 | 42 | 43 | 44                | 45           | 45          | 45          | 44             | 44    | 44 | 41 | 2.7   | 48 | 27 | 8.2  | 21 |  |  |  |  |
| Q 29                       | 44 | 44 | 44 | 44 | 43 | 41 | 34 | 24 | 23 | 27 | 33 | 34 | 36 | 39 | 41 | 40 | 40 | 41                | 43           | 43          | 43          | 43             | 43    | 42 | 39 | 1.8   | 45 | 21 | 8.0  | 24 |  |  |  |  |
| 30                         | 43 | 45 | 48 | 48 | 48 | 50 | 44 | 37 | 35 | 32 | 30 | 29 | 36 | 43 | 43 | 43 | 43 | 43                | 46           | 48          | 48          | 45             | 45    | 46 | 42 | 5.7   | 52 | 28 | 11.2 | 24 |  |  |  |  |
| D 31                       | 46 | 48 | 50 | 47 | 44 | 43 | 36 | 32 | 32 | 34 | 32 | 32 | 34 | 39 | 46 | 47 | 47 | 49                | 49           | 47          | 48          | 48             | 48    | 47 | 43 | 2.4   | 51 | 31 | 7.9  | 20 |  |  |  |  |
| Среднее по<br>всем дням    | 48 | 49 | 50 | 49 | 50 | 49 | 43 | 37 | 34 | 34 | 36 | 39 | 43 | 47 | 50 | 50 | 50 | 51                | 51           | 50          | 60          | 49             | 49    | 48 | 46 |       | 56 | 30 |      | 25 |  |  |  |  |
| Среднее по<br>сп. дням     | 46 | 47 | 47 | 45 | 46 | 45 | 40 | 34 | 30 | 29 | 32 | 35 | 38 | 42 | 45 | 45 | 45 | 45                | 46           | 46          | 46          | 45             | 45    | 45 | 42 |       | 50 | 25 |      | 24 |  |  |  |  |
| Среднее по<br>возмущ. дням | 46 | 48 | 48 | 48 | 49 | 47 | 39 | 34 | 34 | 37 | 38 | 43 | 49 | 53 | 57 | 59 | 59 | 60                | 58           | 55          | 54          | 51             | 51    | 50 | 49 |       | 62 | 30 |      | 32 |  |  |  |  |
| Сумма по<br>всем дням      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                   |              |             |             |                |       |    |    |       |    |    |      |    |  |  |  |  |
| Сумма по<br>сп. дням       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                   |              |             |             |                |       |    |    |       |    |    |      |    |  |  |  |  |
| Сумма по<br>возмущ. дням   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                   |              |             |             |                |       |    |    |       |    |    |      |    |  |  |  |  |

Обсерватория Душети (Тбилиси)

Среднемесячн.  $\delta = 5^{\circ}07',6$

Элемент Склонение

Месяц Июнь год 1986

$\delta = 4^{\circ}53',0 + =$

| Время<br>ядровое        |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | Средн.<br>суточн. | Время<br>тах | Max<br>тип | Mini<br>тип | время<br>mini тип | Ампл. |      |      | Сумма |      |      |      |      |    |    |
|-------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------------------|--------------|------------|-------------|-------------------|-------|------|------|-------|------|------|------|------|----|----|
|                         | Дни  | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   |                   |              |            |             |                   |       |      |      |       | 17   | 18   | 19   | 20   | 21 | 22 |
| 1D                      | 16.4 | 16.1 | 15.6 | 19.1 | 20.1 | 20.4 | 17.6 | 14.7 | 12.3 | 11.1 | 10.4 | 10.2 | 10.0 | 10.7 | 12.8 | 13.0 | 14.1 | 15.0              | 16.0         | 15.6       | 15.8        | 16.0              | 16.2  | 15.6 | 14.8 | 5.5   | 21.1 | 9.7  | 12.0 | 11.4 |    |    |
| 2                       | 16.2 | 16.6 | 18.1 | 19.9 | 20.3 | 19.7 | 18.5 | 16.0 | 13.4 | 12.1 | 11.1 | 11.1 | 11.9 | 13.0 | 13.5 | 13.4 | 13.4 | 13.7              | 14.5         | 14.7       | 14.7        | 15.6              | 15.9  | 15.5 | 15.1 | 4.1   | 20.7 | 10.8 | 10.4 | 9.9  |    |    |
| 3                       | 15.6 | 15.3 | 16.4 | 19.0 | 18.6 | 18.1 | 16.9 | 15.3 | 13.6 | 11.9 | 10.9 | 11.5 | 11.9 | 13.0 | 14.9 | 14.9 | 14.5 | 14.3              | 14.3         | 14.7       | 15.3        | 15.0              | 15.5  | 15.8 | 14.9 | 3.4   | 19.8 | 10.7 | 10.6 | 9.1  |    |    |
| 4                       | 15.8 | 16.5 | 18.7 | 20.3 | 19.6 | 19.0 | 17.3 | 14.9 | 13.0 | 11.3 | 10.2 | 10.5 | 11.3 | 13.2 | 14.7 | 14.8 | 14.5 | 14.5              | 15.1         | 15.6       | 15.5        | 15.5              | 15.6  | 15.6 | 15.1 | 3.3   | 20.6 | 9.9  | 10.7 | 10.7 |    |    |
| 5Q                      | 15.9 | 16.4 | 17.5 | 18.5 | 18.1 | 17.7 | 16.0 | 14.1 | 12.1 | 11.1 | 10.5 | 11.3 | 11.9 | 12.8 | 13.4 | 13.8 | 13.8 | 13.9              | 14.7         | 15.1       | 15.1        | 15.6              | 15.3  | 15.1 | 14.6 | 3.8   | 18.8 | 10.3 | 10.3 | 8.5  |    |    |
| 6                       | 15.0 | 15.8 | 17.1 | 18.6 | 18.6 | 18.8 | 16.6 | 13.4 | 10.6 | 9.0  | 8.7  | 9.8  | 11.3 | 13.0 | 15.0 | 15.8 | 15.1 | 14.9              | 15.2         | 15.8       | 15.3        | 14.9              | 14.9  | 15.0 | 14.5 | 5.6   | 19.2 | 8.1  | 10.3 | 11.1 |    |    |
| 7D                      | 14.9 | 15.6 | 17.7 | 19.9 | 20.7 | 19.9 | 17.6 | 14.3 | 11.1 | 9.9  | 10.0 | 11.5 | 12.8 | 12.6 | 13.5 | 13.4 | 12.6 | 12.9              | 13.4         | 14.3       | 14.7        | 15.0              | 14.7  | 15.3 | 14.5 | 4.6   | 21.3 | 9.1  | 9.9  | 12.2 |    |    |
| 8                       | 15.3 | 16.7 | 18.1 | 19.9 | 19.8 | 18.6 | 16.0 | 13.4 | 10.6 | 9.9  | 10.2 | 11.1 | 12.8 | 13.8 | 14.9 | 15.1 | 14.7 | 14.1              | 14.7         | 14.9       | 15.1        | 15.3              | 15.6  | 15.3 | 14.8 | 3.7   | 20.5 | 9.7  | 9.5  | 10.8 |    |    |
| 9                       | 15.6 | 16.6 | 18.3 | 20.3 | 20.3 | 20.1 | 17.5 | 14.7 | 12.1 | 10.5 | 10.4 | 10.6 | 11.7 | 12.8 | 13.7 | 14.1 | 14.1 | 14.4              | 14.8         | 16.5       | 16.0        | 16.0              | 16.6  | 16.7 | 15.2 | 4.2   | 20.9 | 10.0 | 9.9  | 10.9 |    |    |
| 10D                     | 17.2 | 16.6 | 18.8 | 21.6 | 20.7 | 19.0 | 17.1 | 14.7 | 11.7 | 10.6 | 9.8  | 10.2 | 10.5 | 12.1 | 12.9 | 13.1 | 13.2 | 13.9              | 14.5         | 15.6       | 15.3        | 15.3              | 16.0  | 16.2 | 14.8 | 4.1   | 22.6 | 9.6  | 10.2 | 13.0 |    |    |
| 11                      | 15.6 | 16.0 | 17.5 | 19.0 | 19.7 | 19.0 | 17.5 | 15.1 | 13.4 | 11.7 | 11.1 | 11.3 | 11.6 | 12.3 | 12.6 | 13.2 | 13.5 | 13.6              | 14.1         | 14.3       | 14.5        | 14.9              | 14.9  | 15.3 | 14.7 | 4.4   | 20.1 | 10.8 | 10.7 | 9.3  |    |    |
| 12                      | 15.3 | 15.8 | 17.1 | 18.0 | 18.7 | 18.6 | 17.9 | 16.0 | 14.5 | 12.3 | 10.0 | 9.6  | 10.2 | 10.7 | 11.5 | 12.3 | 12.6 | 13.2              | 13.8         | 14.5       | 15.3        | 15.8              | 16.0  | 16.2 | 14.4 | 4.6   | 18.9 | 9.1  | 11.1 | 9.8  |    |    |
| 13                      | 16.2 | 16.9 | 17.5 | 17.7 | 17.5 | 17.1 | 15.8 | 14.7 | 14.1 | 13.8 | 12.3 | 10.0 | 10.0 | 10.4 | 10.8 | 12.0 | 13.2 | 13.6              | 14.6         | 15.6       | 15.2        | 15.6              | 15.8  | 15.6 | 14.4 | 3.7   | 17.9 | 9.4  | 11.7 | 8.5  |    |    |
| 14                      | 15.2 | 16.2 | 17.1 | 17.1 | 17.1 | 17.1 | 16.6 | 15.1 | 13.2 | 11.5 | 9.1  | 8.3  | 9.6  | 10.7 | 12.3 | 13.0 | 13.1 | 13.1              | 13.7         | 14.5       | 16.4        | 15.8              | 15.8  | 15.8 | 14.1 | 2.7   | 17.5 | 8.1  | 11.4 | 9.4  |    |    |
| 15Q                     | 15.8 | 16.2 | 16.9 | 17.5 | 18.3 | 18.8 | 17.9 | 16.2 | 15.1 | 13.8 | 11.9 | 10.4 | 10.0 | 10.7 | 11.9 | 13.6 | 14.7 | 14.2              | 14.4         | 14.7       | 14.7        | 14.7              | 15.0  | 15.5 | 14.7 | 5.8   | 19.2 | 9.8  | 12.9 | 9.4  |    |    |
| 16                      | 15.8 | 16.2 | 16.9 | 17.4 | 17.9 | 18.1 | 17.1 | 14.9 | 12.8 | 10.8 | 9.9  | 9.5  | 9.8  | 10.0 | 10.9 | 11.7 | 12.9 | 13.2              | 13.8         | 14.7       | 15.6        | 15.3              | 15.4  | 15.3 | 14.0 | 5.2   | 18.3 | 9.3  | 11.2 | 9.0  |    |    |
| 17                      | 15.6 | 16.0 | 17.1 | 18.1 | 18.2 | 18.1 | 17.5 | 15.2 | 12.8 | 11.9 | 10.6 | 9.6  | 9.5  | 10.2 | 11.7 | 12.4 | 12.2 | 13.0              | 14.1         | 14.7       | 14.7        | 14.9              | 15.3  | 15.5 | 14.1 | 3.4   | 18.7 | 8.7  | 12.7 | 10.0 |    |    |
| 18                      | 16.2 | 16.2 | 17.1 | 16.6 | 17.1 | 17.3 | 17.1 | 15.8 | 14.1 | 12.1 | 11.1 | 10.8 | 11.5 | 11.6 | 12.6 | 13.5 | 14.1 | 14.1              | 14.3         | 14.7       | 14.7        | 15.0              | 15.2  | 15.3 | 14.5 | 4.9   | 18.3 | 10.6 | 11.0 | 7.7  |    |    |
| 19                      | 15.1 | 15.8 | 17.1 | 18.6 | 18.6 | 18.1 | 16.9 | 14.4 | 12.1 | 10.2 | 9.6  | 10.2 | 11.1 | 12.6 | 13.8 | 14.1 | 13.3 | 13.1              | 13.6         | 13.8       | 14.5        | 15.3              | 15.2  | 15.2 | 14.3 | 4.2   | 18.9 | 9.5  | 10.4 | 9.4  |    |    |
| 20                      | 15.3 | 16.2 | 17.5 | 18.8 | 18.7 | 17.9 | 16.4 | 14.5 | 11.5 | 9.6  | 8.3  | 9.0  | 10.6 | 12.3 | 13.3 | 13.7 | 13.6 | 13.8              | 14.2         | 14.5       | 14.5        | 14.9              | 15.1  | 15.3 | 14.1 | 3.6   | 19.2 | 8.1  | 10.7 | 11.1 |    |    |
| 21                      | 14.9 | 15.8 | 17.5 | 18.6 | 18.2 | 18.6 | 17.5 | 14.5 | 11.1 | 9.9  | 9.0  | 9.0  | 10.2 | 11.3 | 13.0 | 13.7 | 13.8 | 13.8              | 14.5         | 15.8       | 16.0        | 15.6              | 15.6  | 15.8 | 14.3 | 3.5   | 19.0 | 8.5  | 11.2 | 10.5 |    |    |
| 22                      | 16.0 | 16.0 | 18.1 | 19.2 | 17.3 | 17.5 | 16.9 | 15.0 | 13.0 | 11.5 | 10.5 | 10.0 | 10.2 | 11.1 | 11.7 | 13.6 | 13.2 | 13.2              | 13.8         | 13.9       | 14.9        | 15.6              | 16.3  | 16.6 | 14.4 | 3.4   | 20.1 | 9.6  | 11.9 | 10.5 |    |    |
| 23Q                     | 17.1 | 16.9 | 16.4 | 18.3 | 19.3 | 18.8 | 17.3 | 15.2 | 13.2 | 11.5 | 10.6 | 9.8  | 9.8  | 11.1 | 12.8 | 13.6 | 13.6 | 13.8              | 14.5         | 15.1       | 15.3        | 15.1              | 15.2  | 15.2 | 14.6 | 4.6   | 19.8 | 9.2  | 12.4 | 10.6 |    |    |
| 24                      | 15.3 | 15.6 | 16.4 | 18.3 | 19.2 | 18.8 | 17.7 | 15.6 | 12.8 | 10.0 | 8.8  | 8.7  | 9.6  | 11.6 | 13.3 | 14.3 | 14.2 | 14.3              | 14.4         | 14.5       | 15.2        | 15.6              | 15.4  | 15.2 | 14.4 | 4.5   | 19.4 | 7.7  | 11.2 | 11.7 |    |    |
| 25D                     | 15.3 | 15.3 | 16.3 | 17.3 | 17.7 | 18.3 | 17.5 | 15.6 | 13.8 | 12.1 | 10.4 | 9.6  | 10.0 | 11.9 | 13.6 | 14.5 | 14.5 | 13.9              | 14.1         | 14.3       | 14.5        | 14.7              | 15.1  | 15.1 | 14.4 | 5.7   | 18.5 | 9.4  | 11.7 | 9.1  |    |    |
| 26Q                     | 15.0 | 15.4 | 17.1 | 18.6 | 19.9 | 20.6 | 19.6 | 17.7 | 14.7 | 12.4 | 11.3 | 10.2 | 10.2 | 10.8 | 11.7 | 13.0 | 13.4 | 13.6              | 13.6         | 14.3       | 14.9        | 15.4              | 16.0  | 16.2 | 14.8 | 5.9   | 20.9 | 10.0 | 11.9 | 10.9 |    |    |
| 27D                     | 15.8 | 16.2 | 17.5 | 17.5 | 17.7 | 18.5 | 17.7 | 14.8 | 13.2 | 11.7 | 9.2  | 7.1  | 7.0  | 7.5  | 8.9  | 11.1 | 12.5 | 13.6              | 18.3         | 18.2       | 18.8        | 20.9              | 22.0  | 21.1 | 14.9 | 22.9  | 22.9 | 6.5  | 12.2 | 16.4 |    |    |
| 28D                     | 20.7 | 19.4 | 19.4 | 20.7 | 21.5 | 18.8 | 17.3 | 14.8 | 12.3 | 11.9 | 12.3 | 12.1 | 11.9 | 12.3 | 13.1 | 13.6 | 14.1 | 14.3              | 14.5         | 15.3       | 16.0        | 16.2              | 16.9  | 15.4 | 15.6 | 4.5   | 22.9 | 11.6 | 9.5  | 11.3 |    |    |
| 29                      | 16.1 | 17.1 | 18.5 | 19.6 | 19.9 | 20.1 | 18.6 | 16.0 | 13.4 | 11.5 | 10.9 | 11.1 | 11.7 | 12.3 | 15.5 | 14.3 | 13.8 | 15.1              | 14.5         | 14.7       | 15.3        | 15.8              | 16.5  | 16.4 | 15.4 | 5.4   | 20.4 | 10.6 | 10.2 | 9.8  |    |    |
| 30                      | 17.5 | 17.5 | 17.3 | 18.3 | 19.2 | 20.1 | 18.3 | 15.8 | 13.4 | 11.3 | 9.8  | 9.3  | 10.4 | 12.0 | 13.0 | 13.6 | 15.6 | 14.3              | 14.3         | 14.7       | 15.1        | 15.8              | 15.8  | 16.1 | 14.9 | 5.4   | 20.4 | 9.1  | 11.0 | 11.3 |    |    |
| 31                      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                   |              |            |             |                   |       |      |      |       |      |      |      |      |    |    |
| Среднее по<br>всем дням | 15.9 | 16.3 | 17.4 | 18.7 | 19.0 | 18.7 | 17.3 | 15.1 | 12.8 | 11.3 | 10.3 | 10.1 | 10.7 | 11.7 | 12.9 | 13.5 | 13.7 | 13.9              | 14.5         | 15.0       | 15.3        | 15.6              | 15.8  | 15.8 | 14.6 |       | 19.9 | 9.4  |      | 10.4 |    |    |
| Среднее по<br>сп. дням  | 15.8 | 16.0 | 16.8 | 18.0 | 18.7 | 18.8 | 17.7 | 15.8 | 13.8 | 12.2 | 10.9 | 10.3 |      |      |      |      |      |                   |              |            |             |                   |       |      |      |       |      |      |      |      |    |    |

Условные обозначения:  $\Delta$  — погасла лампа;  $>$  или  $<$  — запись вышла за бумагу;  $\square$  — остановились часы  
Длинные причины отсутств. записи. Величины, взятые приближенно с магнитограммы — ( )

Обработал Шермадини И. Н.

Проверил Бегимташвили

Обсерватория Душети (ГГБШИСИ)Среднемесячн.  $H = 24066^+$ Элемент Горизонтальная составляющаяМесяц Июнь год 1986 $H = 23930^+$  + =

| Время<br>январе            |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | Средн.<br>суточн. | Время<br>тах | Макс<br>тит | Мини<br>тит | время<br>минит | Ампл. |     |     | Сумма |     |     |      |    |
|----------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------------------|--------------|-------------|-------------|----------------|-------|-----|-----|-------|-----|-----|------|----|
| Дни                        | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18                | 19           | 20          | 21          | 22             | 23    | 24  |     |       |     |     |      |    |
| 1 D                        | 133 | 132 | 149 | 128 | 121 | 110 | 107 | 113 | 115 | 115 | 125 | 124 | 130 | 129 | 133 | 132 | 126 | 127               | 125          | 126         | 138         | 142            | 145   | 150 | 128 | 23.0  | 161 | 105 | 6.8  | 56 |
| 2                          | 131 | 135 | 126 | 115 | 107 | 103 | 106 | 113 | 125 | 139 | 143 | 144 | 139 | 128 | 131 | 125 | 137 | 134               | 135          | 137         | 145         | 138            | 138   | 140 | 130 | 20.5  | 153 | 102 | 5.6  | 51 |
| 3                          | 138 | 138 | 141 | 126 | 118 | 113 | 117 | 128 | 130 | 131 | 133 | 139 | 137 | 133 | 133 | 129 | 134 | 137               | 139          | 140         | 154         | 145            | 139   | 137 | 134 | 20.8  | 167 | 109 | 5.7  | 58 |
| 4                          | 141 | 142 | 140 | 127 | 123 | 118 | 120 | 125 | 125 | 135 | 124 | 114 | 123 | 125 | 121 | 121 | 122 | 130               | 133          | 135         | 139         | 131            | 131   | 131 | 128 | 1.1   | 147 | 114 | 5.7  | 33 |
| 5 Q                        | 133 | 139 | 141 | 133 | 121 | 119 | 121 | 121 | 117 | 120 | 138 | 144 | 143 | 137 | 132 | 127 | 131 | 135               | 137          | 137         | 139         | 139            | 140   | 139 | 133 | 11.9  | 148 | 111 | 8.9  | 37 |
| 6                          | 138 | 147 | 147 | 149 | 144 | 129 | 111 | 113 | 124 | 139 | 147 | 144 | 144 | 131 | 117 | 117 | 119 | 125               | 133          | 133         | 139         | 139            | 141   | 143 | 134 | 3.3   | 151 | 108 | 6.9  | 43 |
| 7 D                        | 141 | 146 | 145 | 143 | 129 | 123 | 114 | 107 | 108 | 121 | 125 | 133 | 135 | 137 | 125 | 126 | 138 | 138               | 143          | 137         | 137         | 146            | 137   | 133 | 132 | 21.8  | 157 | 102 | 7.8  | 55 |
| 8                          | 133 | 135 | 132 | 124 | 107 | 96  | 95  | 97  | 109 | 121 | 131 | 134 | 133 | 131 | 131 | 129 | 131 | 138               | 139          | 139         | 139         | 139            | 139   | 139 | 127 | 22.2  | 145 | 90  | 7.0  | 55 |
| 9                          | 127 | 131 | 135 | 132 | 121 | 111 | 111 | 112 | 114 | 121 | 131 | 143 | 151 | 149 | 145 | 137 | 132 | 128               | 131          | 143         | 137         | 137            | 132   | 133 | 131 | 12.7  | 154 | 107 | 6.8  | 47 |
| 10 D                       | 133 | 145 | 143 | 133 | 120 | 122 | 113 | 87  | 96  | 108 | 125 | 139 | 131 | 129 | 125 | 126 | 134 | 134               | 137          | 137         | 133         | 133            | 132   | 133 | 127 | 2.4   | 150 | 83  | 7.5  | 67 |
| 11                         | 144 | 143 | 144 | 143 | 131 | 123 | 117 | 117 | 117 | 120 | 130 | 134 | 141 | 138 | 144 | 139 | 138 | 143               | 147          | 145         | 146         | 143            | 145   | 139 | 136 | 14.4  | 153 | 113 | 7.2  | 40 |
| 12                         | 143 | 145 | 143 | 149 | 143 | 129 | 132 | 137 | 135 | 137 | 141 | 141 | 147 | 149 | 143 | 144 | 150 | 151               | 151          | 153         | 152         | 156            | 149   | 143 | 144 | 21.8  | 161 | 124 | 5.9  | 37 |
| 13                         | 138 | 139 | 141 | 139 | 139 | 138 | 137 | 137 | 148 | 145 | 138 | 137 | 131 | 136 | 142 | 137 | 141 | 139               | 138          | 149         | 144         | 139            | 137   | 141 | 140 | 19.7  | 152 | 128 | 12.2 | 24 |
| 14                         | 144 | 146 | 145 | 143 | 139 | 137 | 132 | 132 | 133 | 127 | 137 | 139 | 133 | 137 | 137 | 141 | 144 | 150               | 151          | 150         | 149         | 155            | 147   | 145 | 141 | 21.4  | 161 | 125 | 9.5  | 36 |
| 15 Q                       | 149 | 150 | 145 | 146 | 144 | 135 | 132 | 133 | 133 | 135 | 142 | 147 | 147 | 137 | 133 | 125 | 126 | 135               | 138          | 143         | 143         | 149            | 145   | 145 | 140 | 1.4   | 154 | 121 | 15.6 | 33 |
| 16                         | 144 | 144 | 149 | 149 | 147 | 145 | 133 | 127 | 129 | 141 | 149 | 145 | 145 | 144 | 138 | 137 | 141 | 144               | 144          | 143         | 144         | 145            | 143   | 148 | 142 | 2.7   | 151 | 125 | 7.8  | 26 |
| 17                         | 147 | 147 | 150 | 151 | 155 | 147 | 142 | 139 | 137 | 133 | 147 | 147 | 143 | 149 | 144 | 141 | 144 | 148               | 145          | 151         | 151         | 150            | 145   | 145 | 146 | 10.9  | 163 | 131 | 9.7  | 32 |
| 18                         | 149 | 140 | 139 | 143 | 141 | 138 | 137 | 137 | 139 | 145 | 147 | 139 | 133 | 134 | 132 | 137 | 135 | 138               | 138          | 143         | 141         | 137            | 137   | 137 | 139 | 0.2   | 153 | 123 | 14.3 | 30 |
| 19                         | 135 | 137 | 141 | 138 | 130 | 115 | 103 | 101 | 109 | 119 | 126 | 135 | 141 | 141 | 140 | 140 | 145 | 151               | 155          | 151         | 144         | 144            | 139   | 139 | 134 | 19.3  | 160 | 99  | 7.1  | 61 |
| 20                         | 149 | 148 | 151 | 147 | 137 | 129 | 117 | 118 | 133 | 140 | 153 | 155 | 151 | 145 | 143 | 142 | 145 | 147               | 148          | 151         | 154         | 149            | 150   | 150 | 144 | 19.9  | 160 | 112 | 7.0  | 48 |
| 21                         | 157 | 153 | 151 | 145 | 139 | 133 | 125 | 118 | 117 | 115 | 117 | 133 | 151 | 147 | 144 | 140 | 140 | 141               | 145          | 145         | 142         | 140            | 144   | 144 | 139 | 0.8   | 167 | 109 | 10.6 | 58 |
| 22                         | 140 | 145 | 151 | 139 | 139 | 135 | 125 | 125 | 131 | 133 | 138 | 148 | 153 | 151 | 147 | 147 | 140 | 141               | 143          | 147         | 146         | 145            | 138   | 133 | 141 | 12.2  | 157 | 119 | 7.5  | 38 |
| 23 Q                       | 133 | 144 | 150 | 149 | 141 | 132 | 123 | 119 | 118 | 127 | 143 | 144 | 145 | 144 | 139 | 139 | 145 | 143               | 144          | 148         | 140         | 138            | 139   | 144 | 139 | 2.2   | 155 | 115 | 8.2  | 40 |
| 24                         | 149 | 151 | 150 | 156 | 147 | 143 | 137 | 127 | 132 | 145 | 153 | 134 | 135 | 137 | 127 | 126 | 126 | 129               | 135          | 143         | 140         | 139            | 138   | 137 | 139 | 3.5   | 161 | 121 | 15.1 | 40 |
| 25 Q                       | 137 | 141 | 145 | 148 | 143 | 133 | 121 | 120 | 119 | 124 | 138 | 144 | 144 | 141 | 139 | 133 | 137 | 142               | 145          | 149         | 149         | 150            | 150   | 150 | 139 | 21.5  | 154 | 115 | 8.5  | 39 |
| 26 Q                       | 151 | 154 | 155 | 153 | 148 | 137 | 131 | 126 | 127 | 130 | 133 | 138 | 139 | 139 | 143 | 144 | 143 | 149               | 151          | 153         | 149         | 145            | 145   | 143 | 143 | 1.4   | 157 | 121 | 7.7  | 36 |
| 27 D                       | 143 | 145 | 145 | 139 | 143 | 141 | 133 | 137 | 143 | 145 | 154 | 163 | 162 | 163 | 123 | 131 | 139 | 144               | 117          | 113         | 115         | 123            | 116   | 125 | 138 | 13.9  | 174 | 97  | 14.9 | 77 |
| 28 D                       | 125 | 115 | 131 | 113 | 85  | 105 | 103 | 111 | 112 | 115 | 119 | 121 | 125 | 131 | 127 | 126 | 127 | 131               | 131          | 131         | 132         | 124            | 123   | 132 | 121 | 2.9   | 139 | 72  | 4.4  | 67 |
| 29                         | 133 | 129 | 132 | 129 | 119 | 108 | 102 | 113 | 125 | 129 | 131 | 125 | 110 | 105 | 112 | 127 | 131 | 147               | 138          | 137         | 129         | 131            | 143   | 151 | 126 | 23.5  | 169 | 99  | 6.7  | 70 |
| 30                         | 129 | 124 | 129 | 133 | 129 | 123 | 116 | 111 | 108 | 114 | 131 | 139 | 138 | 132 | 130 | 127 | 137 | 138               | 135          | 137         | 136         | 140            | 139   | 137 | 130 | 22.0  | 145 | 105 | 8.2  | 40 |
| 31                         |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                   |              |             |             |                |       |     |     |       |     |     |      |    |
| Среднее по<br>всем дням    | 140 | 141 | 143 | 139 | 132 | 126 | 120 | 120 | 124 | 129 | 136 | 139 | 139 | 138 | 134 | 133 | 136 | 139               | 140          | 142         | 142         | 141            | 140   | 140 | 136 |       | 156 | 110 |      | 46 |
| Среднее по<br>сп. дням     | 141 | 146 | 147 | 146 | 139 | 131 | 126 | 124 | 123 | 128 | 139 | 143 | 144 | 140 | 137 | 134 | 136 | 141               | 143          | 146         | 144         | 144            | 144   | 144 | 139 |       | 154 | 117 |      | 37 |
| Среднее по<br>возмущ. дням | 135 | 137 | 143 | 131 | 120 | 120 | 114 | 111 | 115 | 121 | 130 | 136 | 137 | 138 | 127 | 128 | 133 | 135               | 131          | 129         | 131         | 134            | 131   | 135 | 129 |       | 156 | 92  |      | 64 |
| Сумма по<br>всем дням      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                   |              |             |             |                |       |     |     |       |     |     |      |    |
| Сумма по<br>сп. дням       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                   |              |             |             |                |       |     |     |       |     |     |      |    |
| Сумма по<br>возмущ. дням   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                   |              |             |             |                |       |     |     |       |     |     |      |    |

Условные обозначения:  $\Delta$  — погасла лампа;  $>$  или  $<$  — запись вышла за бумагу;  $\square$  — остановились часы

Длинные причины отсутств. записи. Величины, взятые приближенно с магнитограммы — ( )

Обработал а Шермагичи Г. Н.Проверил а Эбремидзе М. А.

Обсерватория Душети (Тбилиси)Среднемесячн.  $\bar{I} = 42.192^\circ$ Элемент Вертикальная составляющаяМесяц Июнь год 1986 $\bar{I} = 42.150^\circ + = \circ =$ 

| Время<br>мировое           |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | Средн.<br>суточн. | Время<br>тах | Макс<br>тит | Мин<br>тит | время<br>миним | Ампл. |  |  | Сумма |  |
|----------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------------------|--------------|-------------|------------|----------------|-------|--|--|-------|--|
| Дни                        | 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |                   |              |             |            |                |       |  |  |       |  |
| 1 D                        | 47 | 49 | 47 | 50 | 48 | 43 | 39 | 35 | 32 | 27 | 27 | 30 | 33 | 39 | 45 | 47 | 47 | 49 | 51 | 50 | 48 | 47 | 45 | 43 | 42                | 18.9         | 52          | 25         | 9.9            | 27    |  |  |       |  |
| 2                          | 46 | 49 | 51 | 51 | 53 | 49 | 41 | 37 | 35 | 33 | 33 | 33 | 35 | 41 | 45 | 46 | 44 | 47 | 48 | 49 | 47 | 47 | 45 | 45 | 44                | 4.5          | 54          | 31         | 11.1           | 23    |  |  |       |  |
| 3                          | 45 | 47 | 49 | 48 | 44 | 39 | 35 | 33 | 34 | 35 | 39 | 38 | 37 | 42 | 47 | 48 | 47 | 46 | 47 | 47 | 46 | 45 | 46 | 47 | 43                | 2.9          | 51          | 32         | 7.6            | 19    |  |  |       |  |
| 4                          | 47 | 50 | 51 | 49 | 45 | 45 | 41 | 37 | 35 | 37 | 42 | 45 | 45 | 51 | 53 | 49 | 45 | 45 | 47 | 47 | 46 | 47 | 47 | 47 | 46                | 14.2         | 54          | 34         | 8.4            | 20    |  |  |       |  |
| 5 Q                        | 47 | 49 | 50 | 49 | 48 | 43 | 35 | 32 | 32 | 33 | 34 | 33 | 38 | 42 | 45 | 45 | 44 | 46 | 48 | 47 | 47 | 47 | 45 | 45 | 43                | 2.6          | 51          | 31         | 8.2            | 20    |  |  |       |  |
| 6                          | 46 | 46 | 48 | 47 | 47 | 48 | 48 | 43 | 43 | 51 | 55 | 49 | 43 | 47 | 51 | 53 | 51 | 49 | 49 | 50 | 48 | 48 | 46 | 46 | 48                | 10.6         | 56          | 39         | 7.9            | 17    |  |  |       |  |
| 7 D                        | 47 | 51 | 53 | 52 | 48 | 42 | 37 | 32 | 33 | 34 | 35 | 38 | 39 | 43 | 48 | 49 | 46 | 46 | 47 | 48 | 47 | 45 | 44 | 44 | 44                | 3.0          | 55          | 31         | 7.5            | 24    |  |  |       |  |
| 8                          | 46 | 49 | 52 | 48 | 46 | 42 | 37 | 29 | 23 | 25 | 31 | 37 | 41 | 45 | 46 | 45 | 43 | 45 | 47 | 46 | 44 | 44 | 44 | 44 | 42                | 2.6          | 54          | 22         | 8.2            | 32    |  |  |       |  |
| 9                          | 44 | 48 | 51 | 50 | 51 | 49 | 39 | 35 | 37 | 37 | 40 | 42 | 41 | 42 | 45 | 47 | 47 | 48 | 49 | 47 | 48 | 47 | 47 | 46 | 45                | 2.8          | 52          | 34         | 7.6            | 18    |  |  |       |  |
| 10 D                       | 47 | 48 | 49 | 48 | 45 | 38 | 32 | 29 | 27 | 29 | 27 | 33 | 41 | 44 | 46 | 46 | 45 | 47 | 48 | 48 | 48 | 48 | 48 | 47 | 42                | 3.2          | 51          | 25         | 10.3           | 26    |  |  |       |  |
| 11                         | 44 | 44 | 46 | 47 | 45 | 41 | 35 | 32 | 27 | 28 | 26 | 27 | 31 | 39 | 43 | 44 | 43 | 45 | 45 | 45 | 45 | 45 | 44 | 45 | 40                | 3.1          | 48          | 24         | 10.9           | 24    |  |  |       |  |
| 12                         | 44 | 45 | 46 | 44 | 42 | 39 | 32 | 27 | 25 | 26 | 26 | 29 | 29 | 36 | 41 | 43 | 41 | 42 | 44 | 45 | 45 | 43 | 42 | 42 | 38                | 2.6          | 47          | 24         | 8.4            | 23    |  |  |       |  |
| 13                         | 43 | 43 | 43 | 42 | 40 | 38 | 35 | 33 | 22 | 20 | 21 | 22 | 29 | 37 | 39 | 43 | 43 | 45 | 47 | 45 | 44 | 45 | 45 | 45 | 38                | 18.7         | 48          | 18         | 9.0            | 30    |  |  |       |  |
| 14                         | 45 | 45 | 45 | 44 | 44 | 43 | 38 | 36 | 36 | 30 | 21 | 20 | 26 | 34 | 40 | 42 | 42 | 44 | 45 | 47 | 48 | 46 | 46 | 45 | 40                | 20.6         | 50          | 18         | 11.2           | 32    |  |  |       |  |
| 15 Q                       | 44 | 45 | 47 | 48 | 46 | 46 | 42 | 35 | 28 | 27 | 25 | 28 | 34 | 39 | 43 | 49 | 51 | 48 | 47 | 46 | 47 | 46 | 46 | 46 | 42                | 16.5         | 52          | 24         | 10.4           | 28    |  |  |       |  |
| 16                         | 46 | 47 | 47 | 49 | 48 | 47 | 42 | 31 | 27 | 26 | 23 | 22 | 25 | 31 | 39 | 43 | 43 | 45 | 44 | 46 | 44 | 44 | 43 | 43 | 39                | 3.2          | 50          | 20         | 11.2           | 30    |  |  |       |  |
| 17                         | 43 | 44 | 45 | 45 | 44 | 42 | 39 | 33 | 32 | 30 | 27 | 25 | 29 | 39 | 43 | 45 | 44 | 44 | 45 | 44 | 44 | 43 | 44 | 43 | 40                | 3.4          | 46          | 22         | 11.3           | 24    |  |  |       |  |
| 18                         | 42 | 44 | 45 | 43 | 36 | 34 | 31 | 29 | 28 | 33 | 33 | 32 | 37 | 41 | 44 | 44 | 44 | 44 | 45 | 45 | 44 | 44 | 44 | 44 | 40                | 2.7          | 48          | 25         | 8.1            | 23    |  |  |       |  |
| 19                         | 44 | 46 | 49 | 50 | 46 | 47 | 42 | 33 | 27 | 24 | 29 | 38 | 45 | 47 | 47 | 44 | 42 | 43 | 45 | 43 | 44 | 44 | 45 | 44 | 42                | 3.3          | 51          | 22         | 9.5            | 29    |  |  |       |  |
| 20                         | 43 | 46 | 47 | 47 | 44 | 39 | 35 | 35 | 31 | 29 | 27 | 33 | 38 | 42 | 43 | 42 | 42 | 42 | 43 | 43 | 42 | 42 | 42 | 42 | 40                | 3.1          | 49          | 26         | 10.7           | 23    |  |  |       |  |
| 21                         | 41 | 41 | 43 | 44 | 41 | 41 | 32 | 22 | 21 | 21 | 29 | 33 | 36 | 43 | 44 | 44 | 42 | 43 | 44 | 44 | 45 | 45 | 43 | 43 | 39                | 21.0         | 46          | 19         | 9.1            | 27    |  |  |       |  |
| 22                         | 44 | 46 | 46 | 46 | 43 | 41 | 37 | 30 | 26 | 28 | 30 | 33 | 36 | 39 | 44 | 45 | 45 | 44 | 44 | 45 | 45 | 45 | 45 | 45 | 40                | 1.8          | 49          | 25         | 8.6            | 24    |  |  |       |  |
| 23 Q                       | 44 | 45 | 43 | 44 | 41 | 41 | 35 | 35 | 34 | 29 | 28 | 29 | 32 | 38 | 43 | 44 | 44 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 40                | 1.4          | 46          | 27         | 10.9           | 19    |  |  |       |  |
| 24                         | 42 | 43 | 46 | 42 | 36 | 35 | 32 | 27 | 25 | 19 | 21 | 26 | 30 | 38 | 45 | 45 | 44 | 45 | 45 | 45 | 45 | 44 | 44 | 44 | 38                | 2.7          | 48          | 18         | 9.9            | 30    |  |  |       |  |
| 25 Q                       | 44 | 45 | 46 | 45 | 44 | 45 | 48 | 41 | 36 | 31 | 28 | 32 | 37 | 43 | 44 | 46 | 43 | 43 | 43 | 43 | 43 | 43 | 42 | 42 | 42                | 6.5          | 50          | 27         | 10.7           | 23    |  |  |       |  |
| 26 Q                       | 41 | 43 | 45 | 47 | 45 | 45 | 41 | 39 | 38 | 35 | 35 | 39 | 40 | 44 | 46 | 46 | 42 | 42 | 42 | 42 | 42 | 43 | 42 | 43 | 42                | 3.3          | 48          | 34         | 9.8            | 14    |  |  |       |  |
| 27 D                       | 43 | 45 | 48 | 47 | 44 | 44 | 41 | 39 | 37 | 39 | 33 | 31 | 33 | 41 | 52 | 48 | 47 | 49 | 53 | 53 | 53 | 50 | 50 | 48 | 44                | 20.1         | 55          | 29         | 11.9           | 26    |  |  |       |  |
| 28 D                       | 47 | 49 | 47 | 42 | 39 | 38 | 38 | 38 | 36 | 33 | 36 | 39 | 39 | 44 | 47 | 46 | 46 | 46 | 47 | 47 | 46 | 47 | 46 | 46 | 43                | 1.8          | 50          | 32         | 9.6            | 18    |  |  |       |  |
| 29                         | 45 | 46 | 50 | 51 | 49 | 45 | 40 | 33 | 32 | 32 | 36 | 38 | 44 | 50 | 48 | 48 | 48 | 47 | 48 | 48 | 49 | 48 | 46 | 43 | 44                | 3.5          | 52          | 31         | 8.4            | 21    |  |  |       |  |
| 30                         | 45 | 47 | 45 | 38 | 35 | 35 | 32 | 31 | 32 | 35 | 35 | 36 | 40 | 43 | 47 | 47 | 46 | 47 | 48 | 47 | 47 | 46 | 47 | 47 | 42                | 18.3         | 49          | 29         | 7.7            | 20    |  |  |       |  |
| 31                         |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                   |              |             |            |                |       |  |  |       |  |
| Среднее по<br>всем дням    | 45 | 46 | 47 | 47 | 44 | 42 | 38 | 33 | 31 | 31 | 31 | 33 | 36 | 41 | 45 | 46 | 45 | 45 | 46 | 46 | 46 | 45 | 45 | 45 | 42                |              | 50          | 27         |                | 24    |  |  |       |  |
| Среднее по<br>сп. дням     | 44 | 45 | 46 | 47 | 45 | 44 | 40 | 36 | 34 | 31 | 30 | 32 | 36 | 41 | 44 | 46 | 45 | 44 | 45 | 44 | 44 | 44 | 44 | 44 | 42                |              | 49          | 29         |                | 21    |  |  |       |  |
| Среднее по<br>возмущ. дням | 46 | 48 | 49 | 48 | 45 | 41 | 37 | 35 | 33 | 32 | 32 | 34 | 37 | 42 | 48 | 47 | 46 | 47 | 49 | 49 | 48 | 47 | 47 | 46 | 43                |              | 53          | 28         |                | 24    |  |  |       |  |
| Сумма по<br>всем дням      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                   |              |             |            |                |       |  |  |       |  |
| Сумма по<br>сп. дням       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                   |              |             |            |                |       |  |  |       |  |
| Сумма по<br>возмущ. дням   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                   |              |             |            |                |       |  |  |       |  |

Условные обозначения:  $\Delta$  — погасла лампа;  $>$  или  $<$  — запись вышла за бумагу;  $\square$  — остановились часы  
Длинные причины отсутств. записи. Величины, взятые приближенно с магнитограммы — ( )

Обработал Зоткин И. Т.Проверил Вержеули Н. С.

Обсерватория Душети (Тбилиси)Среднемесячн.  $\Phi = 5^{\circ}04'9$ Элемент СклонениеМесяц Июль год 1986 $\Phi = 4^{\circ}53'0 + =$ 

| Время<br>ядровое |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | Средн.<br>суточн. | Время<br>тах | Max<br>тип | Mini<br>тип | время<br>minim | Ампл. |      |      | Сумма |      |      |      |      |      |    |    |    |
|------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------------------|--------------|------------|-------------|----------------|-------|------|------|-------|------|------|------|------|------|----|----|----|
|                  | Дни  | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   |                   |              |            |             |                |       |      |      |       | 17   | 18   | 19   | 20   | 21   | 22 | 23 | 24 |
|                  | 1    | 15.8 | 16.7 | 18.7 | 19.7 | 19.4 | 19.3 | 17.8 | 15.0 | 12.2 | 11.4 | 11.8 | 11.8 | 12.0 | 13.2 | 13.9 | 14.2 | 14.0              | 15.0         | 15.7       | 15.7        | 15.7           | 15.9  | 15.9 | 15.7 | 15.3  | 3.7  | 21.0 | 11.2 | 9.1  | 9.8  |    |    |    |
|                  | 2 D  | 16.3 | 16.5 | 17.6 | 18.4 | 18.4 | 18.4 | 17.2 | 15.2 | 12.7 | 11.4 | 11.2 | 11.2 | 11.2 | 13.1 | 14.0 | 13.5 | 13.3              | 14.2         | 15.1       | 15.7        | 15.7           | 16.1  | 16.1 | 15.7 | 14.9  | 4.1  | 18.9 | 10.5 | 10.5 | 8.4  |    |    |    |
|                  | 3    | 16.3 | 17.4 | 18.2 | 18.7 | 19.5 | 20.2 | 19.9 | 18.3 | 15.9 | 13.9 | 13.1 | 12.7 | 12.9 | 12.9 | 13.7 | 14.0 | 14.4              | 14.8         | 14.6       | 14.6        | 15.2           | 15.6  | 16.1 | 16.5 | 15.8  | 5.9  | 20.6 | 12.3 | 11.4 | 8.3  |    |    |    |
|                  | 4    | 15.7 | 16.7 | 17.8 | 17.9 | 18.4 | 18.4 | 17.4 | 15.4 | 14.0 | 13.7 | 12.3 | 11.6 | 11.6 | 12.9 | 14.3 | 14.4 | 14.2              | 14.6         | 16.1       | 15.7        | 15.0           | 15.4  | 15.9 | 16.0 | 15.2  | 5.7  | 19.0 | 11.3 | 12.1 | 7.7  |    |    |    |
|                  | 5    | 15.9 | 17.6 | 19.0 | 19.7 | 19.7 | 19.1 | 17.3 | 15.2 | 13.4 | 11.8 | 10.6 | 10.1 | 10.7 | 12.7 | 13.9 | 13.6 | 13.6              | 13.9         | 14.7       | 15.0        | 15.5           | 15.7  | 15.9 | 14.6 | 15.0  | 3.6  | 20.0 | 9.9  | 11.2 | 10.1 |    |    |    |
|                  | 6    | 15.9 | 17.0 | 18.2 | 18.9 | 18.4 | 18.4 | 18.4 | 16.5 | 14.0 | 12.7 | 12.7 | 11.9 | 11.6 | 12.4 | 13.3 | 13.3 | 12.9              | 13.5         | 13.9       | 14.6        | 14.9           | 15.0  | 15.2 | 15.4 | 15.0  | 3.1  | 19.2 | 11.4 | 12.1 | 7.8  |    |    |    |
|                  | 7 Q  | 15.9 | 16.7 | 18.2 | 19.6 | 20.2 | 19.0 | 17.4 | 15.5 | 13.3 | 11.6 | 9.7  | 8.6  | 9.1  | 10.9 | 12.9 | 13.5 | 13.7              | 14.0         | 14.0       | 14.3        | 14.4           | 15.0  | 14.8 | 15.1 | 14.5  | 4.2  | 20.8 | 8.4  | 11.7 | 12.4 |    |    |    |
|                  | 8    | 15.9 | 16.2 | 17.0 | 17.8 | 18.4 | 19.1 | 18.2 | 16.3 | 14.4 | 12.9 | 12.1 | 11.2 | 10.7 | 11.6 | 13.1 | 13.3 | 13.9              | 13.9         | 14.8       | 15.1        | 14.8           | 16.1  | 16.5 | 16.1 | 15.0  | 5.9  | 19.6 | 10.5 | 12.6 | 9.1  |    |    |    |
|                  | 9    | 17.0 | 17.0 | 17.0 | 19.0 | 19.5 | 19.9 | 18.2 | 15.7 | 12.8 | 10.3 | 9.6  | 10.0 | 11.3 | 13.1 | 13.5 | 13.8 | 13.9              | 14.0         | 14.2       | 14.6        | 15.0           | 15.4  | 15.9 | 15.7 | 14.8  | 5.9  | 20.1 | 9.0  | 10.1 | 11.1 |    |    |    |
|                  | 10   | 15.4 | 16.1 | 17.0 | 20.2 | 21.0 | 20.8 | 19.0 | 16.7 | 13.9 | 11.8 | 10.7 | 10.1 | 10.6 | 12.3 | 14.6 | 14.8 | 13.7              | 13.5         | 13.8       | 14.2        | 15.0           | 15.2  | 15.4 | 15.9 | 15.1  | 4.8  | 21.4 | 10.0 | 11.7 | 11.4 |    |    |    |
|                  | 11 Q | 16.1 | 16.6 | 18.2 | 19.5 | 20.0 | 20.2 | 18.7 | 15.7 | 12.2 | 10.3 | 9.4  | 9.4  | 9.7  | 10.9 | 12.7 | 14.6 | 14.3              | 13.7         | 14.2       | 14.8        | 15.0           | 15.4  | 15.7 | 15.9 | 14.7  | 5.6  | 20.5 | 9.0  | 11.0 | 11.5 |    |    |    |
|                  | 12   | 15.9 | 16.4 | 18.4 | 19.7 | 19.7 | 19.3 | 18.0 | 16.1 | 13.7 | 12.5 | 12.4 | 12.9 | 12.7 | 12.5 | 12.6 | 13.2 | 12.0              | 12.7         | 13.7       | 14.4        | 14.8           | 15.4  | 15.7 | 15.2 | 15.0  | 4.1  | 20.0 | 11.7 | 16.3 | 8.3  |    |    |    |
|                  | 13   | 15.9 | 16.1 | 17.2 | 18.9 | 19.0 | 18.9 | 17.4 | 15.7 | 13.7 | 11.2 | 9.7  | 8.8  | 9.2  | 11.2 | 13.3 | 13.7 | 13.5              | 13.7         | 14.2       | 14.4        | 14.8           | 15.1  | 15.4 | 15.2 | 14.4  | 5.2  | 19.5 | 8.7  | 11.5 | 10.8 |    |    |    |
|                  | 14 Q | 15.5 | 15.7 | 17.4 | 18.9 | 19.7 | 20.4 | 19.3 | 17.2 | 14.2 | 11.0 | 9.4  | 10.1 | 10.6 | 12.2 | 13.7 | 13.9 | 13.9              | 13.9         | 14.3       | 14.7        | 14.8           | 15.2  | 15.3 | 15.4 | 14.9  | 5.9  | 20.6 | 9.0  | 10.6 | 11.6 |    |    |    |
|                  | 15 Q | 15.4 | 15.9 | 17.6 | 18.9 | 20.0 | 20.2 | 18.4 | 15.7 | 13.6 | 12.0 | 10.8 | 10.3 | 10.7 | 11.6 | 12.7 | 12.9 | 12.4              | 12.9         | 13.3       | 13.5        | 14.2           | 14.7  | 14.8 | 15.5 | 14.5  | 5.2  | 20.5 | 10.1 | 11.4 | 10.4 |    |    |    |
|                  | 16   | 16.0 | 15.9 | 16.1 | 17.2 | 17.3 | 17.0 | 15.0 | 12.6 | 10.1 | 9.3  | 9.3  | 10.6 | 12.3 | 13.1 | 14.0 | 14.2 | 13.7              | 13.2         | 13.5       | 14.2        | 14.4           | 14.8  | 15.2 | 15.4 | 13.9  | 4.9  | 17.7 | 9.0  | 9.9  | 8.7  |    |    |    |
|                  | 17   | 16.1 | 17.2 | 19.1 | 18.5 | 18.0 | 18.1 | 17.6 | 15.2 | 12.7 | 11.4 | 11.2 | 11.3 | 11.7 | 12.9 | 13.9 | 14.2 | 14.0              | 14.0         | 14.2       | 14.4        | 14.8           | 15.3  | 15.7 | 15.7 | 14.9  | 2.7  | 19.8 | 10.9 | 10.3 | 8.9  |    |    |    |
|                  | 18   | 15.9 | 16.7 | 17.6 | 18.4 | 19.0 | 18.4 | 16.8 | 14.6 | 12.6 | 11.2 | 10.9 | 11.4 | 12.3 | 13.3 | 15.0 | 15.0 | 14.3              | 14.2         | 14.5       | 14.7        | 14.8           | 15.4  | 15.9 | 15.9 | 15.0  | 4.7  | 19.2 | 10.5 | 10.3 | 8.7  |    |    |    |
|                  | 19   | 15.9 | 16.8 | 17.6 | 18.2 | 18.6 | 18.0 | 16.5 | 14.8 | 13.5 | 12.0 | 11.6 | 11.6 | 11.8 | 12.4 | 13.5 | 13.9 | 13.7              | 14.2         | 14.6       | 14.4        | 14.8           | 14.8  | 15.0 | 15.3 | 14.7  | 4.7  | 18.9 | 11.4 | 11.4 | 7.5  |    |    |    |
|                  | 20 Q | 16.1 | 16.3 | 17.2 | 18.0 | 18.0 | 18.0 | 15.9 | 13.2 | 10.9 | 10.3 | 10.1 | 10.4 | 11.4 | 12.0 | 12.2 | 12.7 | 13.0              | 12.9         | 13.3       | 13.7        | 14.4           | 14.6  | 14.7 | 15.0 | 13.9  | 3.8  | 18.4 | 9.9  | 10.9 | 8.5  |    |    |    |
|                  | 21   | 15.9 | 16.3 | 17.5 | 18.9 | 18.8 | 18.2 | 15.4 | 12.4 | 10.6 | 9.0  | 7.9  | 7.9  | 9.4  | 12.0 | 13.3 | 13.3 | 12.8              | 12.7         | 13.1       | 13.7        | 14.2           | 14.2  | 15.4 | 16.3 | 13.7  | 4.0  | 19.4 | 7.5  | 10.7 | 11.9 |    |    |    |
|                  | 22   | 16.2 | 16.8 | 16.7 | 18.0 | 17.8 | 17.1 | 15.0 | 13.1 | 11.8 | 10.9 | 9.7  | 9.4  | 10.3 | 12.4 | 14.2 | 14.8 | 14.5              | 14.2         | 14.3       | 14.4        | 14.6           | 14.8  | 15.2 | 15.2 | 14.2  | 3.5  | 18.9 | 9.0  | 11.2 | 9.9  |    |    |    |
|                  | 23   | 15.3 | 16.0 | 17.4 | 18.1 | 17.6 | 17.2 | 15.2 | 13.5 | 12.0 | 10.9 | 9.9  | 9.9  | 10.5 | 12.0 | 14.2 | 14.5 | 13.9              | 14.2         | 14.2       | 14.6        | 14.6           | 14.6  | 14.8 | 15.2 | 14.2  | 3.4  | 18.4 | 9.7  | 10.2 | 8.7  |    |    |    |
|                  | 24   | 15.7 | 16.4 | 17.4 | 18.4 | 18.4 | 17.9 | 16.7 | 15.0 | 12.9 | 11.2 | 10.5 | 10.2 | 11.2 | 12.4 | 13.0 | 13.3 | 13.1              | 12.7         | 12.9       | 13.0        | 13.3           | 14.4  | 14.8 | 19.3 | 14.3  | 23.6 | 21.7 | 10.0 | 11.3 | 11.7 |    |    |    |
|                  | 25 D | 17.2 | 18.2 | 18.9 | 19.7 | 19.5 | 18.9 | 17.2 | 15.9 | 14.6 | 12.6 | 10.6 | 10.1 | 10.6 | 11.4 | 12.9 | 14.4 | 14.2              | 14.2         | 13.7       | 15.0        | 15.7           | 17.6  | 17.2 | 14.6 | 15.2  | 3.6  | 20.6 | 9.7  | 11.5 | 10.9 |    |    |    |
|                  | 26 D | 16.5 | 17.3 | 17.7 | 18.9 | 19.0 | 20.5 | 18.7 | 16.5 | 14.7 | 13.4 | 12.7 | 12.0 | 14.2 | 15.0 | 14.2 | 14.4 | 15.4              | 15.5         | 14.7       | 15.0        | 15.9           | 16.3  | 16.7 | 16.3 | 15.9  | 5.3  | 21.2 | 11.6 | 11.8 | 9.6  |    |    |    |
|                  | 27 D | 16.7 | 17.6 | 18.7 | 18.7 | 18.9 | 18.2 | 17.8 | 16.4 | 14.4 | 12.9 | 12.2 | 12.4 | 12.2 | 12.2 | 13.1 | 14.2 | 14.3              | 14.2         | 14.6       | 15.0        | 15.9           | 16.8  | 15.9 | 16.5 | 15.4  | 4.2  | 19.3 | 11.2 | 10.9 | 8.1  |    |    |    |
|                  | 28   | 17.6 | 17.0 | 17.0 | 18.7 | 19.8 | 20.2 | 18.7 | 16.5 | 13.9 | 11.8 | 11.4 | 11.2 | 11.8 | 13.3 | 14.6 | 14.3 | 14.6              | 15.7         | 15.4       | 15.6        | 15.9           | 16.4  | 16.5 | 16.4 | 15.6  | 5.5  | 20.5 | 10.4 | 11.7 | 10.1 |    |    |    |
|                  | 29 D | 16.3 | 16.7 | 17.0 | 17.0 | 17.0 | 17.5 | 16.7 | 15.4 | 14.2 | 12.6 | 11.6 | 11.0 | 12.0 | 12.9 | 13.5 | 13.7 | 15.6              | 14.8         | 15.1       | 15.9        | 17.2           | 17.4  | 17.5 | 18.0 | 15.3  | 23.6 | 19.1 | 10.5 | 11.3 | 8.6  |    |    |    |
|                  | 30   | 16.4 | 17.3 | 17.4 | 17.5 | 17.8 | 17.8 | 16.4 | 15.7 | 15.0 | 13.3 | 12.2 | 11.9 | 12.2 | 12.7 | 13.8 | 14.6 | 14.2              | 14.8         | 15.0       | 15.0        | 15.2           | 15.4  | 14.6 | 15.3 | 15.1  | 4.9  | 18.4 | 11.4 | 11.4 | 7.0  |    |    |    |
|                  | 31   | 16.1 | 16.7 | 17.7 | 17.6 | 17.2 | 17.8 | 17.2 | 15.4 | 13.3 | 10.9 | 10.9 | 12.9 | 13.6 | 15.2 | 16.1 | 14.6 | 13.9              | 13.9         | 14.2       | 14.8        | 16.3           | 16.5  | 16.3 | 16.1 | 15.2  | 5.8  | 18.1 | 10.3 | 9.6  | 7.8  |    |    |    |

Условные обозначения:  $\Delta$  — погасла лампа;  $>$  или  $<$  — запись вышла за бумагу;  $\square$  — остановились часы

Линные причины отсутств. записи. Величины, взятые приближенно с магнитограммы — ( )

Обработал Шермадини И.И.Проверил Бенситашвили Ж.

Обсерватория Душети (Юбилей)

Среднемесячн.  $H = 24064^{\text{г}}$

Элемент Горизонтальная составляющая

Месяц Июль год 1986

$$H = \underline{23930^+} + \underline{\hspace{1cm}}_0 = \underline{\hspace{1cm}}_0 =$$

| Время<br>жировое |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | Средн.<br>суточн. | Время<br>тах | Max<br>тип | Mini<br>тип | время<br>minim | Ампл. |  | Сумма |
|------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------------------|--------------|------------|-------------|----------------|-------|--|-------|
|                  | Дни | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24  |                   |              |            |             |                |       |  |       |
| 1                | 129 | 140 | 138 | 133 | 123 | 114 | 110 | 114 | 126 | 127 | 129 | 131 | 128 | 126 | 128 | 127 | 128 | 133 | 138 | 136 | 138 | 138 | 144 | 142 | 130 | 18.7              | 146          | 108        | 6.3         | 38             |       |  |       |
| 2 D              | 140 | 138 | 134 | 128 | 120 | 116 | 110 | 110 | 115 | 130 | 145 | 148 | 132 | 118 | 126 | 130 | 134 | 135 | 133 | 131 | 138 | 131 | 134 | 137 | 130 | 11.2              | 154          | 107        | 6.9         | 47             |       |  |       |
| 3                | 136 | 134 | 134 | 137 | 133 | 128 | 118 | 110 | 116 | 118 | 120 | 124 | 123 | 126 | 124 | 127 | 128 | 131 | 134 | 140 | 136 | 139 | 140 | 138 | 129 | 22.8              | 144          | 107        | 7.6         | 37             |       |  |       |
| 4                | 143 | 145 | 140 | 140 | 135 | 121 | 111 | 108 | 111 | 122 | 136 | 134 | 130 | 130 | 134 | 130 | 138 | 139 | 140 | 136 | 138 | 138 | 142 | 144 | 133 | 18.2              | 150          | 104        | 7.2         | 46             |       |  |       |
| 5                | 146 | 140 | 135 | 138 | 132 | 122 | 104 | 96  | 114 | 133 | 140 | 138 | 132 | 130 | 131 | 137 | 139 | 140 | 143 | 148 | 146 | 144 | 141 | 156 | 134 | 23.4              | 161          | 92         | 7.6         | 69             |       |  |       |
| 6                | 146 | 146 | 145 | 143 | 134 | 128 | 121 | 122 | 130 | 138 | 145 | 150 | 148 | 144 | 137 | 144 | 146 | 146 | 152 | 150 | 150 | 151 | 150 | 148 | 142 | 18.5              | 160          | 118        | 6.9         | 42             |       |  |       |
| 7 Q              | 146 | 148 | 150 | 138 | 126 | 116 | 116 | 116 | 123 | 136 | 147 | 148 | 148 | 142 | 139 | 134 | 134 | 139 | 146 | 145 | 144 | 141 | 146 | 146 | 138 | 2.4               | 152          | 112        | 7.3         | 40             |       |  |       |
| 8                | 144 | 147 | 147 | 146 | 140 | 133 | 130 | 132 | 136 | 140 | 146 | 148 | 146 | 144 | 140 | 130 | 126 | 133 | 129 | 134 | 145 | 134 | 133 | 138 | 138 | 20.5              | 155          | 120        | 16.0        | 35             |       |  |       |
| 9                | 131 | 136 | 143 | 137 | 128 | 115 | 109 | 110 | 118 | 124 | 132 | 133 | 128 | 120 | 136 | 139 | 139 | 142 | 144 | 145 | 145 | 144 | 146 | 145 | 133 | 22.6              | 151          | 104        | 7.0         | 47             |       |  |       |
| 10               | 144 | 138 | 144 | 140 | 134 | 127 | 113 | 102 | 108 | 115 | 126 | 134 | 136 | 132 | 128 | 133 | 141 | 145 | 144 | 144 | 144 | 149 | 146 | 143 | 134 | 21.9              | 152          | 99         | 7.7         | 53             |       |  |       |
| 11 Q             | 140 | 144 | 150 | 146 | 137 | 122 | 110 | 114 | 114 | 127 | 138 | 146 | 144 | 139 | 138 | 137 | 140 | 142 | 141 | 144 | 144 | 140 | 139 | 140 | 136 | 2.6               | 152          | 105        | 6.9         | 47             |       |  |       |
| 12               | 140 | 152 | 157 | 155 | 144 | 134 | 124 | 122 | 129 | 138 | 139 | 142 | 154 | 157 | 154 | 145 | 142 | 142 | 145 | 156 | 151 | 146 | 151 | 158 | 145 | 23.6              | 165          | 120        | 7.1         | 45             |       |  |       |
| 13               | 152 | 152 | 152 | 150 | 138 | 124 | 112 | 114 | 112 | 120 | 132 | 137 | 139 | 132 | 140 | 139 | 140 | 145 | 147 | 145 | 145 | 140 | 140 | 140 | 137 | 2.6               | 160          | 109        | 8.4         | 51             |       |  |       |
| 14 Q             | 140 | 147 | 148 | 146 | 140 | 132 | 120 | 111 | 117 | 122 | 125 | 128 | 140 | 142 | 138 | 132 | 133 | 138 | 139 | 138 | 142 | 144 | 146 | 149 | 136 | 23.9              | 151          | 109        | 7.4         | 42             |       |  |       |
| 15 Q             | 149 | 151 | 152 | 145 | 137 | 124 | 124 | 129 | 139 | 146 | 152 | 154 | 154 | 155 | 153 | 154 | 153 | 156 | 159 | 159 | 157 | 151 | 149 | 145 | 148 | 19.6              | 162          | 120        | 5.9         |                |       |  |       |

Условные обозначения:  $\Delta$  — погасла лампа;  $>$  или  $<$  — запись вышла за бумагу;  $\square$  — остановились часы  
 $\wedge$  — иные причины отсутств. записи. Величины, взятые приближенно с магнитограммы — ( )

Обработал а Шертагани Ц. Н. Проверил а Эбрендзев М. А.

Месяц Июль год 1986

$\bar{I} = 42,150^\circ + \quad = \quad = \quad =$

| Время<br>мирное            |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | Средн.<br>суточн. | Время<br>тах | Max<br>tup | Mini<br>tup | время<br>minim | Ампл. |  |  | Сумма |  |
|----------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------------------|--------------|------------|-------------|----------------|-------|--|--|-------|--|
| Дни                        | 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |                   |              |            |             |                |       |  |  |       |  |
| 1                          | 46 | 45 | 46 | 47 | 44 | 41 | 39 | 39 | 36 | 32 | 29 | 34 | 40 | 46 | 47 | 44 | 41 | 43 | 44 | 45 | 45 | 44 | 43 | 43 | 42                | 3.3          | 48         | 28          | 10.4           | 20    |  |  |       |  |
| 2 D                        | 42 | 45 | 47 | 46 | 47 | 44 | 36 | 31 | 27 | 21 | 22 | 26 | 34 | 44 | 46 | 43 | 43 | 45 | 47 | 47 | 45 | 45 | 45 | 45 | 40                | 2.6          | 48         | 20          | 9.9            | 28    |  |  |       |  |
| 3                          | 44 | 46 | 47 | 43 | 36 | 29 | 28 | 27 | 28 | 31 | 33 | 37 | 37 | 42 | 45 | 46 | 46 | 46 | 46 | 45 | 46 | 46 | 45 | 40 | 2.3               | 48           | 26         | 7.4         | 22             |       |  |  |       |  |
| 4                          | 44 | 44 | 43 | 43 | 44 | 44 | 42 | 41 | 34 | 32 | 32 | 31 | 35 | 44 | 46 | 48 | 46 | 48 | 48 | 47 | 47 | 46 | 46 | 43 | 17.6              | 49           | 29         | 11.7        | 20             |       |  |  |       |  |
| 5                          | 45 | 46 | 48 | 44 | 46 | 49 | 46 | 39 | 33 | 32 | 29 | 29 | 32 | 40 | 44 | 44 | 44 | 45 | 45 | 46 | 45 | 45 | 45 | 44 | 42                | 5.2          | 50         | 26          | 10.9           | 24    |  |  |       |  |
| 6                          | 44 | 47 | 48 | 47 | 48 | 43 | 38 | 38 | 37 | 36 | 34 | 34 | 34 | 41 | 48 | 47 | 44 | 45 | 44 | 46 | 46 | 45 | 45 | 45 | 43                | 2.4          | 49         | 32          | 10.9           | 17    |  |  |       |  |
| 7 Q                        | 46 | 47 | 48 | 47 | 40 | 35 | 34 | 34 | 32 | 32 | 31 | 30 | 24 | 30 | 40 | 41 | 44 | 46 | 45 | 45 | 45 | 46 | 46 | 44 | 40                | 3.0          | 50         | 23          | 12.3           | 24    |  |  |       |  |
| 8                          | 43 | 44 | 47 | 43 | 36 | 33 | 30 | 32 | 26 | 30 | 32 | 36 | 39 | 42 | 43 | 49 | 44 | 46 | 48 | 48 | 46 | 46 | 47 | 46 | 41                | 15.8         | 52         | 24          | 8.8            | 28    |  |  |       |  |
| 9                          | 46 | 48 | 46 | 46 | 41 | 39 | 36 | 28 | 22 | 23 | 24 | 24 | 32 | 39 | 41 | 44 | 44 | 44 | 46 | 46 | 46 | 46 | 46 | 45 | 39                | 1.4          | 49         | 21          | 8.5            | 28    |  |  |       |  |
| 10                         | 45 | 47 | 50 | 49 | 46 | 48 | 48 | 45 | 46 | 44 | 43 | 46 | 44 | 48 | 51 | 50 | 46 | 44 | 45 | 46 | 46 | 45 | 45 | 45 | 46                | 14.6         | 53         | 42          | 10.7           | 11    |  |  |       |  |
| 11 Q                       | 45 | 47 | 47 | 45 | 44 | 44 | 41 | 41 | 34 | 27 | 28 | 33 | 38 | 44 | 46 | 46 | 44 | 44 | 45 | 44 | 45 | 45 | 46 | 46 | 42                | 2.1          | 49         | 25          | 9.9            | 24    |  |  |       |  |
| 12                         | 45 | 46 | 48 | 44 | 42 | 38 | 30 | 27 | 28 | 28 | 32 | 35 | 33 | 37 | 39 | 43 | 44 | 45 | 45 | 45 | 46 | 46 | 46 | 43 | 40                | 2.3          | 49         | 26          | 7.3            | 23    |  |  |       |  |
| 13                         | 44 | 44 | 46 | 45 | 46 | 45 | 41 | 37 | 28 | 28 | 30 | 32 | 35 | 44 | 47 | 47 | 44 | 44 | 45 | 46 | 45 | 46 | 46 | 46 | 42                | 14.2         | 49         | 27          | 9.9            | 22    |  |  |       |  |
| 14 Q                       | 46 | 47 | 50 | 48 | 46 | 47 | 42 | 38 | 35 | 34 | 37 | 44 | 47 | 48 | 48 | 48 | 47 | 48 | 47 | 47 | 47 | 47 | 46 | 45 | 45                | 2.3          | 51         | 33          | 10.0           | 18    |  |  |       |  |
| 15 Q                       | 45 | 47 | 49 | 48 | 47 | 48 | 37 | 30 | 29 | 27 | 28 | 30 | 33 | 36 | 40 | 40 | 40 | 41 | 42 | 42 | 43 | 44 | 44 | 44 | 40                | 2.9          | 50         | 26          | 9.8            | 24    |  |  |       |  |
| 16                         | 44 | 43 | 45 | 46 | 43 | 42 | 37 | 30 | 24 | 28 | 35 | 42 | 44 | 47 | 49 | 47 | 45 | 45 | 44 | 45 | 45 | 45 | 44 | 43 | 42                | 14.7         | 50         | 23          | 8.7            | 27    |  |  |       |  |
| 17                         | 43 | 45 | 48 | 46 | 44 | 39 | 35 | 29 | 24 | 24 | 30 | 30 | 35 | 40 | 44 | 45 | 44 | 44 | 44 | 44 | 45 | 45 | 44 | 44 | 40                | 2.8          | 50         | 23          | 8.5            | 27    |  |  |       |  |
| 18                         | 45 | 47 | 48 | 48 | 44 | 40 | 32 | 30 | 28 | 29 | 36 | 40 | 45 | 51 | 51 | 48 | 46 | 45 | 45 | 44 | 45 | 46 | 46 | 46 | 43                | 13.4         | 52         | 27          | 8.6            | 25    |  |  |       |  |
| 19                         | 46 | 48 | 48 | 47 | 47 | 47 | 40 | 28 | 20 | 18 | 23 | 31 | 32 | 37 | 42 | 42 | 42 | 43 | 44 | 45 | 45 | 45 | 44 | 44 | 40                | 2.2          | 49         | 17          | 9.3            | 32    |  |  |       |  |
| 20 Q                       | 45 | 46 | 49 | 50 | 48 | 43 | 37 | 32 | 25 | 23 | 20 | 26 | 33 | 39 | 39 | 41 | 42 | 44 | 45 | 46 | 45 | 43 | 44 | 44 | 40                | 3.1          | 51         | 19          | 10.6           | 32    |  |  |       |  |
| 21                         | 42 | 46 | 49 | 48 | 44 | 40 | 34 | 24 | 9  | 12 | 15 | 24 | 31 | 35 | 37 | 38 | 38 | 40 | 42 | 43 | 43 | 44 | 44 | 45 | 36                | 2.8          | 50         | 5           | 8.7            | 45    |  |  |       |  |
| 22                         | 45 | 46 | 49 | 51 | 53 | 54 | 52 | 46 | 43 | 41 | 41 | 43 | 44 | 44 | 48 | 48 | 46 | 47 | 48 | 46 | 46 | 47 | 47 | 47 | 47                | 5.3          | 55         | 39          | 9.7            | 16    |  |  |       |  |
| 23                         | 48 | 49 | 51 | 51 | 48 | 45 | 40 | 32 | 20 | 23 | 27 | 28 | 33 | 42 | 49 | 49 | 47 | 48 | 47 | 46 | 46 | 47 | 47 | 46 | 42                | 3.4          | 53         | 19          | 8.9            | 34    |  |  |       |  |
| 24                         | 45 | 47 | 48 | 48 | 46 | 46 | 42 | 36 | 25 | 25 | 29 | 36 | 40 | 41 | 41 | 42 | 45 | 45 | 45 | 44 | 44 | 45 | 47 | 45 | 42                | 21.4         | 51         | 24          | 9.7            | 27    |  |  |       |  |
| 25 D                       | 45 | 46 | 47 | 47 | 46 | 43 | 43 | 42 | 41 | 38 | 37 | 37 | 39 | 43 | 47 | 49 | 47 | 47 | 47 | 47 | 47 | 47 | 47 | 47 | 44                | 15.6         | 50         | 35          | 11.6           | 15    |  |  |       |  |
| 26 D                       | 47 | 49 | 52 | 50 | 48 | 44 | 42 | 41 | 42 | 44 | 44 | 44 | 49 | 53 | 54 | 52 | 50 | 49 | 52 | 51 | 52 | 52 | 51 | 51 | 48                | 14.2         | 55         | 41          | 7.1            | 14    |  |  |       |  |
| 27 D                       | 49 | 50 | 50 | 46 | 46 | 44 | 40 | 39 | 41 | 44 | 46 | 40 | 41 | 46 | 49 | 50 | 50 | 51 | 52 | 52 | 52 | 52 | 52 | 49 | 47                | 21.7         | 53         | 38          | 7.9            | 15    |  |  |       |  |
| 28                         | 49 | 50 | 52 | 52 | 52 | 50 | 39 | 31 | 31 | 37 | 39 | 41 | 41 | 48 | 49 | 48 | 49 | 50 | 52 | 52 | 51 | 51 | 51 | 50 | 46                | 3.4          | 53         | 29          | 7.9            | 24    |  |  |       |  |
| 29 D                       | 50 | 50 | 49 | 46 | 47 | 46 | 42 | 39 | 38 | 44 | 47 | 48 | 51 | 54 | 52 | 53 | 51 | 53 | 52 | 50 | 48 | 50 | 49 | 49 | 48                | 13.2         | 58         | 36          | 8.2            | 22    |  |  |       |  |
| 30                         | 49 | 50 | 50 | 48 | 52 | 55 | 47 | 39 | 38 | 41 | 37 | 37 | 38 | 41 | 45 | 48 | 49 | 49 | 50 | 51 | 51 | 51 | 50 | 49 | 46                | 5.5          | 57         | 35          | 10.5           | 22    |  |  |       |  |
| 31                         | 50 | 50 | 51 | 49 | 51 | 52 | 50 | 44 | 42 | 43 | 42 | 42 | 46 | 51 | 53 | 52 | 50 | 49 | 50 | 50 | 51 | 52 | 52 | 52 | 49                | 14.6         | 54         | 39          | 10.9           | 15    |  |  |       |  |
| Среднее по<br>всем дням    | 46 | 47 | 48 | 47 | 46 | 44 | 39 | 35 | 31 | 31 | 33 | 35 | 38 | 43 | 46 | 46 | 45 | 46 | 46 | 47 | 46 | 47 | 47 | 46 | 43                |              | 51         | 28          |                | 23    |  |  |       |  |
| Среднее по<br>сп. дням     | 45 | 47 | 49 | 48 | 45 | 43 | 38 | 35 | 31 | 29 | 29 | 33 | 35 | 39 | 43 | 43 | 43 | 45 | 45 | 45 | 45 | 45 | 46 | 45 | 41                |              | 50         | 25          |                | 25    |  |  |       |  |
| Среднее по<br>возмущ. дням | 47 | 48 | 49 | 47 | 47 | 44 | 41 | 38 | 38 | 38 | 39 | 39 | 43 | 48 | 50 | 49 | 48 | 49 | 50 | 49 | 49 | 49 | 49 | 48 | 46                |              | 53         | 34          |                | 19    |  |  |       |  |
| Сумма по<br>всем дням      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                   |              |            |             |                |       |  |  |       |  |
| Сумма по<br>сп. дням       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                   |              |            |             |                |       |  |  |       |  |
| Сумма по<br>возмущ. дням   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                   |              |            |             |                |       |  |  |       |  |

Обсерватория Душети (Тбилиси)

Среднемесячн.  $\delta = 5^{\circ}07'8$

Элемент Склонение

Месяц Август год 1986

$$\mathcal{L} = \underline{4^{\circ}53'.0} + \quad = \underline{\quad}^{\circ} =$$

| Время<br>жировое           |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | Средн.<br>суточн. | Время<br>тах | Max<br>тит | Mini<br>тит | время<br>минит | Ампл. |      |      | Сумма |      |      |      |      |    |    |    |    |
|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------------------|--------------|------------|-------------|----------------|-------|------|------|-------|------|------|------|------|----|----|----|----|
|                            | Дни  | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   |                   |              |            |             |                |       |      |      |       | 17   | 18   | 19   | 20   | 21 | 22 | 23 | 24 |
| 1                          | 15.5 | 16.3 | 16.9 | 17.6 | 17.5 | 17.5 | 16.4 | 14.3 | 12.3 | 11.3 | 11.7 | 12.8 | 13.5 | 14.1 | 14.7 | 15.0 | 14.5 | 14.9              | 15.3         | 16.0       | 16.2        | 15.8           | 15.6  | 15.6 | 15.1 | 3.4   | 18.1 | 11.1 | 9.3  | 7.0  |    |    |    |    |
| 2 Q                        | 15.6 | 15.8 | 16.5 | 16.9 | 16.9 | 16.6 | 16.0 | 14.6 | 13.0 | 11.9 | 12.0 | 11.9 | 13.0 | 14.9 | 15.6 | 15.3 | 14.7 | 14.5              | 14.7         | 14.8       | 14.9        | 15.1           | 15.5  | 15.6 | 14.8 | 3.4   | 17.3 | 11.5 | 9.8  | 5.8  |    |    |    |    |
| 3                          | 15.8 | 15.8 | 17.3 | 17.7 | 17.9 | 17.9 | 15.9 | 14.3 | 12.6 | 11.7 | 12.1 | 11.7 | 12.1 | 13.2 | 13.1 | 13.2 | 12.9 | 13.3              | 12.6         | 15.2       | 16.2        | 16.3           | 16.2  | 17.9 | 14.7 | 5.3   | 18.9 | 11.3 | 9.2  | 7.6  |    |    |    |    |
| 4                          | 17.9 | 15.6 | 18.3 | 20.1 | 19.4 | 18.7 | 17.5 | 15.8 | 13.0 | 11.9 | 11.5 | 11.3 | 13.0 | 13.4 | 14.3 | 14.6 | 14.6 | 16.2              | 14.8         | 15.1       | 15.3        | 15.3           | 15.8  | 15.6 | 15.4 | 3.2   | 20.9 | 10.8 | 11.6 | 10.1 |    |    |    |    |
| 5                          | 15.8 | 15.6 | 16.4 | 17.6 | 18.8 | 20.3 | 19.4 | 16.7 | 13.4 | 11.4 | 10.0 | 10.5 | 12.1 | 13.6 | 14.5 | 14.4 | 13.8 | 14.7              | 14.1         | 14.3       | 15.3        | 17.1           | 16.2  | 16.9 | 15.1 | 5.5   | 20.6 | 9.6  | 10.7 | 11.0 |    |    |    |    |
| 6                          | 16.4 | 16.6 | 17.3 | 17.7 | 18.1 | 18.6 | 17.5 | 16.0 | 14.5 | 13.1 | 11.9 | 11.7 | 12.1 | 13.1 | 14.5 | 14.5 | 14.1 | 14.9              | 15.8         | 15.8       | 14.9        | 14.9           | 15.3  | 15.3 | 15.2 | 5.1   | 19.0 | 11.6 | 11.1 | 7.4  |    |    |    |    |
| 7 Q                        | 15.9 | 16.6 | 17.9 | 18.9 | 18.9 | 18.1 | 16.4 | 14.7 | 12.6 | 10.9 | 10.6 | 10.2 | 10.2 | 11.3 | 12.8 | 13.2 | 13.0 | 13.4              | 13.8         | 14.5       | 14.9        | 14.9           | 14.7  | 15.6 | 14.3 | 4.8   | 19.2 | 10.0 | 12.1 | 9.2  |    |    |    |    |
| 8                          | 16.4 | 16.7 | 16.6 | 16.6 | 17.1 | 17.5 | 16.5 | 14.5 | 12.1 | 10.2 | 8.9  | 8.3  | 9.6  | 11.7 | 15.0 | 15.6 | 16.2 | 14.9              | 14.7         | 14.7       | 14.9        | 15.1           | 15.2  | 15.4 | 14.4 | 5.8   | 17.9 | 8.1  | 11.2 | 9.8  |    |    |    |    |
| 9                          | 15.8 | 16.5 | 18.1 | 19.5 | 20.1 | 18.8 | 17.1 | 15.0 | 12.8 | 11.5 | 10.8 | 11.5 | 12.3 | 12.9 | 13.0 | 13.6 | 13.3 | 16.4              | 14.7         | 13.5       | 14.7        | 15.6           | 15.1  | 14.9 | 14.9 | 4.5   | 20.5 | 10.6 | 10.7 | 9.9  |    |    |    |    |
| 10                         | 14.3 | 14.7 | 15.6 | 17.5 | 18.6 | 19.2 | 17.5 | 15.3 | 12.4 | 9.8  | 8.3  | 8.3  | 9.7  | 11.5 | 13.5 | 14.1 | 13.8 | 13.7              | 14.7         | 14.7       | 14.3        | 14.9           | 15.1  | 15.1 | 14.0 | 5.1   | 19.5 | 7.6  | 10.9 | 11.9 |    |    |    |    |
| 11                         | 15.8 | 15.8 | 16.0 | 17.3 | 18.1 | 19.2 | 18.8 | 16.9 | 13.2 | 10.4 | 8.5  | 8.4  | 9.6  | 11.3 | 12.8 | 13.5 | 13.8 | 14.1              | 14.5         | 15.3       | 15.6        | 15.6           | 15.6  | 15.8 | 14.4 | 5.5   | 19.7 | 8.0  | 11.1 | 11.7 |    |    |    |    |
| 12                         | 15.9 | 16.2 | 16.7 | 17.9 | 18.8 | 18.8 | 17.1 | 15.3 | 13.8 | 12.3 | 12.1 | 12.0 | 12.3 | 12.8 | 12.8 | 13.1 | 12.3 | 14.1              | 14.5         | 14.7       | 15.0        | 15.3           | 15.6  | 16.0 | 14.8 | 5.3   | 19.2 | 11.8 | 11.7 | 7.4  |    |    |    |    |
| 13                         | 16.4 | 16.2 | 16.6 | 16.9 | 16.9 | 16.6 | 14.6 | 12.0 | 11.3 | 10.8 | 11.3 | 12.1 | 13.0 | 13.4 | 13.4 | 13.4 | 15.1 | 14.9              | 14.5         | 14.5       | 15.0        | 15.3           | 15.9  | 15.9 | 14.4 | 4.1   | 17.6 | 10.2 | 9.2  | 7.4  |    |    |    |    |
| 14                         | 15.8 | 16.0 | 16.6 | 16.9 | 17.1 | 17.3 | 16.3 | 15.3 | 14.1 | 12.6 | 12.1 | 12.3 | 12.1 | 12.3 | 12.7 | 13.0 | 13.2 | 13.9              | 14.6         | 14.9       | 15.1        | 15.8           | 16.2  | 16.3 | 14.7 | 5.7   | 17.7 | 11.9 | 10.3 | 5.8  |    |    |    |    |
| 15                         | 16.6 | 15.6 | 16.4 | 17.3 | 18.1 | 18.1 | 16.6 | 14.3 | 11.5 | 9.3  | 8.9  | 9.8  | 11.7 | 12.9 | 13.8 | 13.8 | 14.1 | 14.7              | 14.5         | 14.9       | 15.3        | 15.3           | 15.6  | 14.5 | 14.3 | 5.2   | 18.8 | 8.8  | 10.4 | 10.0 |    |    |    |    |
| 16 Q                       | 14.7 | 15.8 | 17.1 | 17.6 | 17.6 | 17.3 | 16.5 | 14.9 | 12.8 | 10.9 | 10.8 | 11.5 | 12.8 | 13.6 | 14.3 | 14.1 | 13.4 | 13.6              | 14.5         | 14.4       | 14.5        | 14.7           | 14.9  | 15.3 | 14.5 | 3.3   | 17.9 | 10.4 | 10.0 | 7.5  |    |    |    |    |
| 17                         | 15.8 | 16.2 | 17.1 | 17.7 | 17.7 | 17.5 | 15.6 | 13.4 | 11.3 | 10.0 | 9.6  | 10.2 | 11.9 | 12.9 | 13.7 | 13.6 | 13.0 | 14.1              | 14.5         | 14.7       | 15.0        | 15.1           | 15.2  | 15.6 | 14.2 | 4.8   | 18.1 | 9.5  | 10.2 | 8.6  |    |    |    |    |
| 18 Q                       | 15.6 | 15.6 | 16.4 | 17.1 | 17.5 | 17.9 | 16.7 | 14.5 | 12.5 | 11.5 | 10.8 | 11.3 | 12.1 | 12.8 | 13.4 | 13.4 | 13.4 | 13.8              | 14.1         | 14.3       | 14.5        | 14.7           | 14.8  | 15.0 | 14.3 | 5.4   | 18.1 | 10.7 | 10.6 | 7.4  |    |    |    |    |
| 19 Q                       | 15.1 | 15.8 | 16.9 | 18.1 | 18.6 | 17.7 | 15.6 | 13.1 | 11.3 | 10.4 | 10.4 | 11.1 | 12.3 | 14.5 | 14.7 | 14.1 | 13.8 | 14.2              | 14.2         | 14.5       | 14.6        | 15.1           | 16.0  | 16.9 | 14.5 | 4.6   | 18.8 | 9.9  | 10.2 | 8.9  |    |    |    |    |
| 20                         | 17.1 | 17.7 | 18.6 | 18.8 | 18.6 | 16.5 | 13.6 | 10.8 | 10.0 | 9.3  | 9.6  | 11.3 | 12.6 | 13.8 | 11.9 | 10.0 | 10.6 | 11.7              | 13.6         | 14.7       | 17.7        | 18.3           | 18.6  | 17.1 | 14.3 | 20.3  | 21.1 | 9.1  | 9.9  | 12.0 |    |    |    |    |
| 21 D                       | 17.1 | 17.5 | 18.1 | 18.9 | 18.7 | 17.5 | 15.1 | 13.0 | 10.6 | 10.0 | 9.6  | 10.6 | 13.8 | 14.5 | 14.9 | 17.1 | 18.8 | 17.5              | 16.1         | 16.0       | 15.8        | 15.6           | 16.0  | 13.6 | 15.3 | 16.8  | 21.6 | 9.2  | 10.9 | 12.4 |    |    |    |    |
| 22 D                       | 15.8 | 15.8 | 17.7 | 19.6 | 19.4 | 18.3 | 16.6 | 13.8 | 13.6 | 11.9 | 11.1 | 10.0 | 11.6 | 15.1 | 13.8 | 14.5 | 14.3 | 15.1              | 14.9         | 18.1       | 16.3        | 15.4           | 16.4  | 14.9 | 15.2 | 3.9   | 20.9 | 9.6  | 11.7 | 11.3 |    |    |    |    |
| 23 D                       | 15.3 | 16.2 | 18.6 | 19.9 | 20.5 | 19.9 | 17.6 | 16.0 | 13.8 | 12.1 | 10.4 | 10.8 | 11.5 | 14.9 | 13.8 | 15.4 | 17.3 | 15.3              | 15.3         | 15.1       | 15.8        | 16.2           | 15.1  | 14.9 | 15.5 | 4.6   | 20.8 | 9.8  | 10.4 | 11.0 |    |    |    |    |
| 24                         | 16.5 | 16.9 | 16.4 | 17.5 | 17.7 | 17.3 | 16.2 | 15.1 | 13.6 | 12.6 | 12.3 | 12.8 | 13.2 | 13.6 | 15.3 | 14.9 | 15.6 | 17.1              | 18.0         | 16.9       | 17.7        | 17.1           | 15.3  | 15.8 | 15.6 | 18.3  | 21.8 | 12.3 | 10.6 | 9.5  |    |    |    |    |
| 25                         | 16.6 | 16.6 | 15.3 | 16.6 | 17.1 | 17.9 | 17.5 | 14.9 | 12.8 | 11.9 | 11.2 | 12.0 | 12.8 | 13.4 | 14.1 | 14.2 | 14.1 | 14.7              | 15.1         | 15.3       | 15.3        | 15.8           | 15.6  | 16.0 | 14.9 | 5.9   | 18.6 | 10.9 | 10.3 | 7.7  |    |    |    |    |
| 26                         | 16.0 | 16.1 | 17.5 | 18.3 | 18.6 | 18.3 | 17.1 | 14.3 | 12.6 | 12.6 | 12.6 | 13.0 | 13.2 | 14.7 | 17.3 | 14.7 | 14.1 | 14.1              | 14.5         | 14.9       | 15.6        | 15.6           | 15.9  | 16.2 | 15.3 | 4.1   | 19.0 | 12.2 | 10.8 | 6.8  |    |    |    |    |
| 27                         | 16.9 | 17.1 | 16.7 | 18.6 | 19.0 | 18.0 | 16.6 | 14.6 | 12.8 | 12.8 | 12.3 | 12.5 | 15.2 | 18.1 | 15.1 | 14.3 | 13.8 | 14.3              | 14.5         | 14.5       | 16.0        | 16.2           | 15.6  | 16.4 | 15.5 | 13.3  | 19.9 | 11.7 | 11.1 | 8.2  |    |    |    |    |
| 28                         | 16.6 | 16.0 | 17.1 | 17.9 | 18.3 | 18.3 | 16.9 | 15.1 | 12.8 | 11.9 | 11.7 | 12.1 | 13.2 | 15.1 | 14.3 | 15.8 | 16.8 | 14.7              | 15.2         | 14.6       | 15.3        | 15.6           | 15.8  | 15.8 | 15.3 | 4.8   | 18.7 | 11.1 | 10.9 | 7.6  |    |    |    |    |
| 29 D                       | 15.9 | 17.1 | 17.5 | 17.5 | 18.3 | 17.5 | 15.6 | 13.0 | 10.4 | 9.8  | 10.0 | 11.2 | 13.0 | 16.6 | 18.8 | 16.2 | 15.8 | 14.3              | 15.8         | 15.2       | 15.8        | 14.3           | 14.9  | 13.4 | 14.9 | 14.4  | 19.8 | 8.7  | 9.9  | 11.1 |    |    |    |    |
| 30 D                       | 15.3 | 16.4 | 16.9 | 17.4 | 17.5 | 17.3 | 14.7 | 12.8 | 9.8  | 8.7  | 10.0 | 11.5 | 13.0 | 14.7 | 15.0 | 14.9 | 14.5 | 14.5              | 14.9         | 17.3       | 16.6        | 18.1           | 15.9  | 14.7 | 14.7 | 21.5  | 19.3 | 8.5  | 9.3  | 10.8 |    |    |    |    |
| 31                         | 14.1 | 17.4 | 17.4 | 17.9 | 19.9 | 19.4 | 17.9 | 15.8 | 13.8 | 12.8 | 12.8 | 13.0 | 13.7 | 14.7 | 15.0 | 15.6 | 14.9 | 14.9              | 14.9         | 15.1       | 16.9        | 17.5           | 16.3  | 17.2 | 15.8 | 4.7   | 20.3 | 11.1 | 0.1  | 9.2  |    |    |    |    |
| Среднее по<br>всем дням    | 15.9 | 16.3 | 17.0 | 17.9 | 18.3 | 18.1 | 16.6 | 14.5 | 12.5 | 11.2 | 10.8 | 11.2 | 12.3 | 13.7 | 14.3 | 14.3 | 14.3 | 14.6              | 14.8         | 15.1       | 15.5        | 15.7           | 15.7  | 15.7 | 14.8 |       | 19.3 | 10.2 |      | 9.1  |    |    |    |    |
| Среднее по<br>сп. дням     | 15.4 | 15.9 | 17.0 | 17.7 | 17.9 | 17.5 | 16.2 | 14.4 | 12.4 | 11.1 | 10.9 | 11.2 | 12.1 | 13.4 | 14.2 | 14.0 | 13.7 | 13.9              | 14.3         | 14.5       | 14.7        | 14.9           | 15.2  | 15.7 | 14.5 |       | 18.3 | 10.5 |      | 7.8  |    |    |    |    |
| Среднее по<br>возмущ. дням | 15.9 | 16.6 | 17.8 | 18.7 | 18.9 | 18.1 | 15.9 | 13.7 | 11.6 | 10.5 | 10.2 | 10.8 | 12.6 | 15.2 | 15.3 | 15.6 | 16.1 | 15.3              | 15.4         | 16.3       | 16.1        | 15.9           | 15.7  | 14.3 | 15.1 |       | 20.5 | 9.2  |      | 11.3 |    |    |    |    |
| Сумма по<br>всем дням      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                   |              |            |             |                |       |      |      |       |      |      |      |      |    |    |    |    |
| Сумма по<br>сп. дням       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                   |              |            |             |                |       |      |      |       |      |      |      |      |    |    |    |    |
| Сумма по<br>возмущ. дням   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                   |              |            |             |                |       |      |      |       |      |      |      |      |    |    |    |    |

Условные обозначения:  $\Delta$  — погасла лампа;  $>$  или  $<$  — запись вышла за бумагу;  $\square$  — остановились часы  
 $\wedge$  — иные причины отсутств. записи. Величины, взятые приближенно с магнитограммы — ( )

Обработал Шермадини Ц.Н Проверил Бетжитовили

Обсерватория Душети (Жбумиш)Среднемесячн. H = 24057<sup>+</sup>Элемент Горизонтальная составляющаяМесяц Август год 1986H = 23930<sup>+</sup> + = ° =

| Время<br>жировое           |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | Средн.<br>суточн. | Время<br>тах | Max<br>тит | Mini<br>тит | время<br>minim | Ампл. |     |     | Сумма |     |     |      |     |    |    |    |    |
|----------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------------------|--------------|------------|-------------|----------------|-------|-----|-----|-------|-----|-----|------|-----|----|----|----|----|
|                            | Дни | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  |                   |              |            |             |                |       |     |     |       | 17  | 18  | 19   | 20  | 21 | 22 | 23 | 24 |
| 1                          | 129 | 128 | 127 | 125 | 121 | 117 | 117 | 127 | 129 | 139 | 141 | 140 | 133 | 125 | 124 | 123 | 128 | 131               | 134          | 140        | 128         | 129            | 131   | 133 | 129 | 10.6  | 145 | 111 | 6.3  | 34  |    |    |    |    |
| 2Q                         | 128 | 129 | 129 | 127 | 125 | 121 | 127 | 127 | 128 | 133 | 146 | 146 | 135 | 135 | 134 | 129 | 130 | 133               | 134          | 139        | 139         | 137            | 136   | 141 | 133 | 11.1  | 151 | 117 | 5.7  | 34  |    |    |    |    |
| 3                          | 141 | 149 | 151 | 153 | 147 | 135 | 133 | 127 | 123 | 116 | 116 | 127 | 123 | 126 | 124 | 126 | 135 | 151               | 159          | 130        | 162         | 147            | 135   | 128 | 136 | 20.8  | 184 | 103 | 10.1 | 81  |    |    |    |    |
| 4                          | 134 | 125 | 131 | 119 | 109 | 110 | 95  | 105 | 109 | 121 | 133 | 133 | 135 | 126 | 116 | 115 | 122 | 146               | 130          | 129        | 130         | 138            | 129   | 123 | 123 | 17.6  | 161 | 90  | 6.5  | 71  |    |    |    |    |
| 5                          | 126 | 127 | 128 | 123 | 117 | 111 | 103 | 105 | 115 | 127 | 140 | 133 | 129 | 127 | 124 | 123 | 129 | 139               | 139          | 139        | 135         | 141            | 128   | 129 | 126 | 21.2  | 152 | 97  | 7.1  | 55  |    |    |    |    |
| 6                          | 131 | 131 | 135 | 131 | 121 | 109 | 97  | 107 | 113 | 123 | 138 | 139 | 135 | 129 | 127 | 125 | 129 | 129               | 128          | 130        | 132         | 134            | 133   | 133 | 127 | 11.3  | 141 | 91  | 6.3  | 50  |    |    |    |    |
| 7Q                         | 131 | 129 | 134 | 135 | 129 | 117 | 105 | 105 | 115 | 123 | 133 | 135 | 137 | 137 | 137 | 133 | 141 | 145               | 145          | 140        | 143         | 147            | 145   | 139 | 132 | 18.1  | 149 | 99  | 7.1  | 50  |    |    |    |    |
| 8                          | 136 | 133 | 143 | 139 | 133 | 119 | 106 | 108 | 126 | 145 | 153 | 151 | 146 | 138 | 115 | 110 | 112 | 118               | 125          | 133        | 138         | 135            | 135   | 130 | 130 | 10.0  | 158 | 101 | 6.6  | 57  |    |    |    |    |
| 9                          | 130 | 130 | 134 | 132 | 129 | 127 | 117 | 113 | 114 | 116 | 123 | 129 | 139 | 142 | 137 | 147 | 147 | 151               | 143          | 153        | 137         | 131            | 133   | 140 | 133 | 17.2  | 175 | 105 | 8.0  | 70  |    |    |    |    |
| 10                         | 141 | 136 | 139 | 134 | 128 | 126 | 121 | 115 | 111 | 119 | 128 | 136 | 145 | 144 | 133 | 131 | 135 | 139               | 143          | 150        | 149         | 146            | 147   | 146 | 135 | 19.3  | 158 | 107 | 8.3  | 51  |    |    |    |    |
| 11                         | 141 | 137 | 137 | 134 | 127 | 121 | 121 | 119 | 125 | 127 | 122 | 123 | 125 | 120 | 119 | 121 | 127 | 132               | 133          | 137        | 137         | 133            | 135   | 135 | 129 | 0.2   | 146 | 112 | 14.2 | 34  |    |    |    |    |
| 12                         | 136 | 139 | 139 | 141 | 141 | 127 | 116 | 113 | 115 | 106 | 127 | 131 | 129 | 133 | 131 | 128 | 134 | 121               | 125          | 133        | 140         | 140            | 129   | 123 | 129 | 4.4   | 147 | 102 | 9.5  | 45  |    |    |    |    |
| 13                         | 125 | 133 | 146 | 141 | 140 | 121 | 123 | 135 | 135 | 130 | 115 | 117 | 106 | 109 | 113 | 117 | 126 | 128               | 127          | 128        | 128         | 128            | 129   | 132 | 126 | 2.7   | 151 | 101 | 12.6 | 50  |    |    |    |    |
| 14                         | 131 | 129 | 128 | 126 | 122 | 119 | 121 | 125 | 134 | 142 | 151 | 153 | 150 | 141 | 139 | 139 | 139 | 133               | 133          | 133        | 134         | 145            | 133   | 133 | 135 | 11.1  | 157 | 117 | 5.5  | 40  |    |    |    |    |
| 15                         | 131 | 140 | 137 | 129 | 127 | 117 | 107 | 113 | 131 | 143 | 138 | 135 | 137 | 134 | 128 | 128 | 128 | 135               | 138          | 135        | 131         | 141            | 134   | 135 | 131 | 9.5   | 146 | 99  | 6.9  | 47  |    |    |    |    |
| 16Q                        | 140 | 139 | 134 | 129 | 125 | 119 | 113 | 113 | 125 | 143 | 145 | 145 | 139 | 134 | 129 | 134 | 139 | 141               | 143          | 147        | 149         | 151            | 148   | 146 | 136 | 21.7  | 156 | 109 | 7.1  | 47  |    |    |    |    |
| 17                         | 140 | 141 | 139 | 133 | 127 | 119 | 123 | 135 | 145 | 149 | 145 | 146 | 145 | 145 | 139 | 138 | 142 | 141               | 145          | 145        | 140         | 141            | 141   | 141 | 139 | 9.8   | 153 | 116 | 5.9  | 37  |    |    |    |    |
| 18Q                        | 141 | 145 | 145 | 144 | 134 | 117 | 107 | 113 | 131 | 141 | 145 | 145 | 145 | 139 | 135 | 135 | 134 | 136               | 139          | 139        | 138         | 138            | 138   | 138 | 136 | 2.2   | 147 | 105 | 6.4  | 42  |    |    |    |    |
| 19Q                        | 141 | 142 | 141 | 138 | 131 | 121 | 116 | 123 | 128 | 131 | 131 | 134 | 131 | 129 | 129 | 132 | 133 | 129               | 130          | 134        | 134         | 135            | 141   | 134 | 132 | 1.1   | 145 | 113 | 6.3  | 32  |    |    |    |    |
| 20                         | 145 | 144 | 140 | 139 | 127 | 117 | 113 | 116 | 122 | 134 | 143 | 145 | 145 | 141 | 158 | 149 | 139 | 151               | 147          | 133        | 125         | 121            | 115   | 121 | 135 | 14.5  | 165 | 107 | 20.8 | 58  |    |    |    |    |
| 21D                        | 115 | 123 | 122 | 118 | 105 | 95  | 92  | 99  | 98  | 68  | 98  | 99  | 55  | 89  | 87  | 93  | 81  | 122               | 111          | 121        | 129         | 127            | 126   | 127 | 104 | 17.3  | 137 | 45  | 12.4 | 92  |    |    |    |    |
| 22D                        | 125 | 117 | 128 | 109 | 101 | 102 | 93  | 81  | 49  | 99  | 107 | 113 | 79  | 91  | 113 | 105 | 110 | 129               | 129          | 134        | 141         | 131            | 117   | 120 | 109 | 20.9  | 163 | 29  | 8.4  | 134 |    |    |    |    |
| 23D                        | 119 | 116 | 117 | 120 | 116 | 89  | 71  | 83  | 91  | 96  | 100 | 117 | 101 | 109 | 115 | 120 | 151 | 131               | 124          | 140        | 128         | 125            | 137   | 138 | 115 | 16.3  | 157 | 61  | 6.8  | 96  |    |    |    |    |
| 24                         | 125 | 118 | 122 | 119 | 115 | 110 | 109 | 110 | 117 | 128 | 139 | 134 | 133 | 129 | 121 | 115 | 112 | 131               | 155          | 127        | 119         | 116            | 132   | 139 | 124 | 18.5  | 179 | 104 | 6.8  | 75  |    |    |    |    |
| 25                         | 127 | 125 | 119 | 103 | 112 | 113 | 105 | 109 | 111 | 125 | 132 | 134 | 137 | 130 | 121 | 123 | 132 | 138               | 131          | 129        | 130         | 129            | 137   | 135 | 124 | 17.7  | 141 | 97  | 3.7  | 44  |    |    |    |    |
| 26                         | 133 | 128 | 128 | 122 | 111 | 107 | 92  | 101 | 106 | 123 | 136 | 139 | 129 | 104 | 78  | 115 | 123 | 127               | 126          | 125        | 127         | 125            | 128   | 125 | 119 | 11.2  | 143 | 68  | 14.6 | 75  |    |    |    |    |
| 27                         | 125 | 125 | 131 | 123 | 123 | 124 | 116 | 103 | 93  | 116 | 129 | 123 | 128 | 122 | 116 | 122 | 116 | 122               | 127          | 127        | 131         | 128            | 125   | 125 | 122 | 21.2  | 137 | 83  | 8.8  | 54  |    |    |    |    |
| 28                         | 119 | 128 | 129 | 132 | 127 | 120 | 114 | 115 | 129 | 137 | 137 | 133 | 113 | 119 | 129 | 126 | 122 | 119               | 131          | 133        | 127         | 129            | 129   | 135 | 126 | 18.8  | 151 | 96  | 12.8 | 55  |    |    |    |    |
| 29D                        | 133 | 125 | 117 | 129 | 123 | 103 | 102 | 108 | 118 | 122 | 129 | 111 | 111 | 111 | 101 | 101 | 105 | 121               | 134          | 125        | 128         | 134            | 133   | 135 | 119 | 23.7  | 141 | 87  | 15.0 | 54  |    |    |    |    |
| 30D                        | 133 | 131 | 128 | 120 | 104 | 93  | 89  | 87  | 113 | 134 | 135 | 135 | 123 | 117 | 110 | 111 | 123 | 128               | 123          | 127        | 129         | 128            | 115   | 130 | 119 | 20.8  | 155 | 79  | 7.3  | 76  |    |    |    |    |
| 31                         | 139 | 126 | 120 | 106 | 99  | 95  | 86  | 87  | 98  | 116 | 127 | 128 | 122 | 115 | 109 | 119 | 122 | 123               | 127          | 128        | 134         | 127            | 122   | 119 | 116 | 0.1   | 144 | 82  | 6.7  | 62  |    |    |    |    |
| Среднее по<br>всем дням    | 132 | 131 | 132 | 128 | 122 | 114 | 108 | 111 | 116 | 125 | 132 | 133 | 127 | 125 | 122 | 124 | 127 | 133               | 134          | 134        | 135         | 134            | 132   | 133 | 127 |       | 153 | 95  |      | 58  |    |    |    |    |
| Среднее по<br>сп. дням     | 136 | 137 | 137 | 135 | 129 | 119 | 114 | 116 | 125 | 134 | 140 | 141 | 137 | 135 | 133 | 133 | 135 | 137               | 138          | 140        | 141         | 142            | 142   | 140 | 134 |       | 150 | 109 |      | 41  |    |    |    |    |
| Среднее по<br>возмущ. дням | 125 | 122 | 122 | 119 | 110 | 96  | 89  | 92  | 94  | 104 | 114 | 115 | 94  | 103 | 105 | 106 | 114 | 125               | 124          | 129        | 131         | 129            | 126   | 130 | 113 |       | 151 | 60  |      | 90  |    |    |    |    |
| Сумма по<br>всем дням      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                   |              |            |             |                |       |     |     |       |     |     |      |     |    |    |    |    |
| Сумма по<br>сп. дням       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                   |              |            |             |                |       |     |     |       |     |     |      |     |    |    |    |    |
| Сумма по<br>возмущ. дням   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                   |              |            |             |                |       |     |     |       |     |     |      |     |    |    |    |    |

Условные обозначения:  $\Delta$  — погасла лампа;  $>$  или  $<$  — запись вышла за бумагу;  $\square$  — остановились часы

Длинные причины отсутств. записи. Величины, взятые приближенно с магнитограммы — ( )

Обработал Шермадини У. Н. Проверил Эбрешидзе М. А.

Обсерватория Душети (Абшиши)

Среднемесячн.  $\bar{I} = 42,199^\circ$

Элемент Вертикальная составляющая

Месяц Август год 1986

$\bar{I} = 42,150^\circ + \quad = \quad = \quad =$

| Время<br>жировое           |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | Средн.<br>суточн. | Время<br>тах | Max<br>тит | Mini<br>тит | время<br>minim | Ампл. |  |  | Сумма |
|----------------------------|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------------------|--------------|------------|-------------|----------------|-------|--|--|-------|
|                            | Дни | 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |                   |              |            |             |                |       |  |  |       |
| 1                          | 51  | 52 | 53 | 52 | 52 | 48 | 42 | 34 | 29 | 33 | 40 | 44 | 42 | 44 | 48 | 48 | 48 | 50 | 50 | 49 | 51 | 51 | 50 | 49 | 46 | 2.7               | 54           | 28         | 8.8         | 26             |       |  |  |       |
| 2 Q                        | 50  | 51 | 54 | 54 | 52 | 53 | 50 | 42 | 36 | 40 | 41 | 45 | 47 | 50 | 52 | 51 | 48 | 49 | 50 | 49 | 49 | 49 | 49 | 49 | 48 | 3.0               | 56           | 35         | 8.8         | 21             |       |  |  |       |
| 3                          | 49  | 49 | 51 | 48 | 44 | 42 | 38 | 35 | 32 | 30 | 32 | 33 | 35 | 42 | 50 | 49 | 49 | 49 | 48 | 54 | 50 | 49 | 49 | 48 | 44 | 19.3              | 57           | 28         | 9.7         | 29             |       |  |  |       |
| 4                          | 48  | 51 | 50 | 50 | 53 | 54 | 52 | 51 | 45 | 41 | 39 | 39 | 41 | 48 | 53 | 52 | 51 | 49 | 52 | 53 | 53 | 51 | 51 | 51 | 49 | 5.5               | 55           | 38         | 10.8        | 17             |       |  |  |       |
| 5                          | 51  | 52 | 53 | 54 | 56 | 58 | 56 | 45 | 36 | 38 | 44 | 48 | 43 | 48 | 52 | 52 | 53 | 51 | 50 | 50 | 51 | 50 | 52 | 50 | 50 | 5.2               | 59           | 35         | 8.5         | 24             |       |  |  |       |
| 6                          | 51  | 52 | 55 | 56 | 56 | 55 | 52 | 52 | 49 | 41 | 38 | 44 | 48 | 48 | 52 | 49 | 49 | 51 | 52 | 51 | 51 | 51 | 50 | 50 | 50 | 3.5               | 57           | 36         | 10.3        | 21             |       |  |  |       |
| 7 Q                        | 50  | 51 | 54 | 54 | 54 | 54 | 46 | 38 | 37 | 34 | 34 | 33 | 37 | 39 | 44 | 46 | 46 | 48 | 48 | 48 | 48 | 48 | 49 | 48 | 45 | 2.7               | 56           | 32         | 11.0        | 24             |       |  |  |       |
| 8                          | 46  | 48 | 48 | 51 | 52 | 50 | 49 | 42 | 32 | 32 | 36 | 39 | 41 | 46 | 51 | 52 | 52 | 53 | 52 | 52 | 51 | 52 | 50 | 51 | 47 | 17.1              | 54           | 30         | 8.8         | 24             |       |  |  |       |
| 9                          | 50  | 51 | 54 | 53 | 51 | 49 | 43 | 42 | 40 | 39 | 38 | 38 | 38 | 41 | 44 | 44 | 48 | 50 | 50 | 48 | 50 | 51 | 51 | 48 | 46 | 2.8               | 55           | 37         | 12.7        | 18             |       |  |  |       |
| 10                         | 48  | 49 | 51 | 52 | 51 | 45 | 40 | 37 | 36 | 36 | 36 | 36 | 39 | 44 | 48 | 48 | 48 | 48 | 48 | 48 | 49 | 49 | 49 | 49 | 48 | 45                | 3.3          | 53         | 34          | 10.8           | 19    |  |  |       |
| 11                         | 50  | 50 | 52 | 51 | 50 | 51 | 47 | 44 | 37 | 36 | 40 | 36 | 39 | 45 | 48 | 50 | 50 | 51 | 52 | 52 | 50 | 50 | 50 | 49 | 47 | 3.0               | 53           | 34         | 9.4         | 19             |       |  |  |       |
| 12                         | 49  | 50 | 53 | 52 | 50 | 46 | 43 | 40 | 42 | 49 | 49 | 47 | 44 | 45 | 48 | 48 | 49 | 52 | 52 | 52 | 51 | 52 | 52 | 52 | 49 | 2.6               | 54           | 39         | 7.9         | 15             |       |  |  |       |
| 13                         | 51  | 50 | 49 | 48 | 51 | 51 | 43 | 37 | 39 | 49 | 53 | 50 | 48 | 48 | 49 | 50 | 51 | 51 | 51 | 52 | 52 | 52 | 51 | 51 | 49 | 10.2              | 55           | 36         | 7.8         | 19             |       |  |  |       |
| 14                         | 50  | 51 | 53 | 53 | 55 | 57 | 55 | 50 | 41 | 35 | 31 | 30 | 33 | 39 | 43 | 44 | 46 | 49 | 51 | 51 | 50 | 48 | 49 | 49 | 46 | 5.3               | 58           | 29         | 11.9        | 29             |       |  |  |       |
| 15                         | 50  | 50 | 51 | 52 | 52 | 46 | 39 | 31 | 23 | 21 | 26 | 33 | 37 | 43 | 46 | 47 | 48 | 49 | 49 | 49 | 49 | 49 | 50 | 50 | 43 | 4.4               | 53           | 20         | 9.9         | 33             |       |  |  |       |
| 16 Q                       | 48  | 48 | 50 | 52 | 54 | 54 | 50 | 42 | 34 | 38 | 42 | 44 | 45 | 47 | 48 | 47 | 47 | 48 | 47 | 47 | 47 | 47 | 48 | 47 | 47 | 4.9               | 55           | 33         | 8.7         | 22             |       |  |  |       |
| 17                         | 48  | 48 | 50 | 51 | 54 | 56 | 50 | 49 | 46 | 42 | 45 | 46 | 45 | 46 | 47 | 46 | 46 | 48 | 48 | 48 | 49 | 48 | 48 | 49 | 48 | 5.2               | 57           | 41         | 9.5         | 16             |       |  |  |       |
| 18 Q                       | 49  | 49 | 51 | 52 | 52 | 48 | 46 | 41 | 35 | 36 | 42 | 43 | 43 | 45 | 46 | 46 | 47 | 48 | 48 | 48 | 49 | 49 | 48 | 49 | 46 | 4.0               | 53           | 33         | 8.8         | 20             |       |  |  |       |
| 19 Q                       | 49  | 49 | 51 | 52 | 52 | 46 | 40 | 36 | 36 | 34 | 36 | 39 | 42 | 44 | 48 | 48 | 50 | 50 | 50 | 51 | 51 | 51 | 49 | 50 | 46 | 4.2               | 53           | 33         | 9.7         | 20             |       |  |  |       |
| 20                         | 49  | 49 | 52 | 51 | 52 | 50 | 44 | 39 | 39 | 38 | 40 | 40 | 43 | 44 | 44 | 46 | 47 | 48 | 50 | 52 | 52 | 50 | 51 | 51 | 47 | 20.8              | 55           | 37         | 9.4         | 18             |       |  |  |       |
| 21 D                       | 51  | 52 | 56 | 56 | 58 | 56 | 50 | 43 | 41 | 40 | 38 | 50 | 64 | 65 | 65 | 63 | 65 | 59 | 60 | 58 | 55 | 56 | 55 | 54 | 55 | 16.6              | 69           | 36         | 10.4        | 33             |       |  |  |       |
| 22 D                       | 52  | 54 | 56 | 57 | 58 | 58 | 56 | 53 | 51 | 41 | 43 | 50 | 57 | 58 | 57 | 59 | 58 | 58 | 56 | 54 | 54 | 54 | 55 | 54 | 54 | 13.2              | 61           | 40         | 9.8         | 21             |       |  |  |       |
| 23 D                       | 54  | 55 | 58 | 58 | 58 | 55 | 55 | 53 | 53 | 51 | 51 | 49 | 53 | 56 | 56 | 56 | 54 | 55 | 55 | 53 | 54 | 55 | 53 | 52 | 54 | 3.3               | 59           | 47         | 11.4        | 12             |       |  |  |       |
| 24                         | 52  | 53 | 53 | 53 | 57 | 58 | 56 | 54 | 52 | 51 | 49 | 49 | 50 | 52 | 55 | 56 | 57 | 56 | 51 | 54 | 55 | 55 | 53 | 51 | 53 | 5.1               | 59           | 48         | 11.1        | 11             |       |  |  |       |
| 25                         | 51  | 51 | 52 | 54 | 53 | 51 | 44 | 43 | 42 | 39 | 41 | 46 | 47 | 52 | 55 | 53 | 52 | 51 | 53 | 53 | 53 | 54 | 53 | 52 | 50 | 14.4              | 56           | 38         | 9.7         | 18             |       |  |  |       |
| 26                         | 52  | 52 | 53 | 56 | 58 | 56 | 53 | 50 | 50 | 54 | 57 | 57 | 61 | 64 | 66 | 56 | 55 | 54 | 54 | 54 | 55 | 55 | 54 | 54 | 55 | 14.4              | 68           | 49         | 8.1         | 19             |       |  |  |       |
| 27                         | 54  | 54 | 54 | 53 | 53 | 51 | 47 | 43 | 43 | 43 | 49 | 54 | 54 | 58 | 58 | 55 | 56 | 56 | 56 | 56 | 56 | 56 | 56 | 55 | 53 | 14.0              | 61           | 41         | 8.6         | 20             |       |  |  |       |
| 28                         | 55  | 55 | 57 | 57 | 54 | 53 | 52 | 52 | 50 | 48 | 49 | 50 | 54 | 51 | 52 | 54 | 56 | 57 | 55 | 55 | 56 | 56 | 55 | 54 | 54 | 17.9              | 60           | 47         | 9.4         | 13             |       |  |  |       |
| 29 D                       | 54  | 53 | 54 | 50 | 47 | 48 | 42 | 34 | 33 | 38 | 40 | 46 | 51 | 55 | 58 | 59 | 59 | 58 | 54 | 55 | 55 | 54 | 54 | 53 | 50 | 16.7              | 61           | 31         | 8.1         | 30             |       |  |  |       |
| 30 D                       | 51  | 52 | 53 | 53 | 55 | 53 | 48 | 47 | 46 | 46 | 48 | 56 | 60 | 60 | 60 | 57 | 56 | 56 | 57 | 57 | 55 | 52 | 55 | 54 | 54 | 12.8              | 62           | 43         | 9.1         | 19             |       |  |  |       |
| 31                         | 50  | 50 | 54 | 57 | 56 | 57 | 55 | 53 | 52 | 52 | 49 | 48 | 51 | 54 | 57 | 54 | 56 | 56 | 56 | 57 | 57 | 56 | 55 | 55 | 54 | 5.5               | 58           | 47         | 11.5        | 11             |       |  |  |       |
| Среднее по<br>всем дням    | 50  | 51 | 53 | 53 | 53 | 52 | 48 | 44 | 41 | 40 | 42 | 44 | 46 | 49 | 52 | 51 | 52 | 52 | 52 | 52 | 52 | 51 | 51 | 49 |    |                   | 57           | 37         |             | 21             |       |  |  |       |
| Среднее по<br>сп. дням     | 49  | 50 | 52 | 53 | 53 | 51 | 46 | 40 | 36 | 36 | 39 | 41 | 43 | 45 | 48 | 48 | 48 | 49 | 49 | 49 | 49 | 49 | 49 | 49 | 47 |                   | 55           | 33         |             | 21             |       |  |  |       |
| Среднее по<br>возмущ. дням | 52  | 53 | 55 | 55 | 55 | 54 | 50 | 46 | 45 | 43 | 44 | 50 | 57 | 59 | 59 | 59 | 58 | 57 | 56 | 55 | 55 | 54 | 53 | 53 |    |                   | 62           | 39         |             | 23             |       |  |  |       |
| Сумма по<br>всем дням      |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                   |              |            |             |                |       |  |  |       |
| Сумма по<br>сп. дням       |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                   |              |            |             |                |       |  |  |       |
| Сумма по<br>возмущ. дням   |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                   |              |            |             |                |       |  |  |       |

Условные обозначения:  $\Delta$  — погасла лампа;  $>$  или  $<$  — запись вышла за бумагу;  $\square$  — остановились часы  
 $\Delta$  — иные причины отсутств. записи. Величины, взятые приближенно с магнитограммы — ( )

Обработал А. Зоткишвили И.

Проверил А. Вердзели Н.С. Ж.

Обсерватория Душети (Абхазия)Среднемесячн.  $\delta = 5^{\circ}08'4$ Элемент СклонениеМесяц Сентябрь год 1986 $\delta = 4^{\circ}53'0 + = \text{ }^{\circ}$ 

| Время<br>жировое        |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | Средн.<br>суточн. | Время<br>тах | Max<br>тип | Mini<br>тип | время<br>minim | Ампл. |      |      | Сумма |      |      |      |      |    |    |    |
|-------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------------------|--------------|------------|-------------|----------------|-------|------|------|-------|------|------|------|------|----|----|----|
|                         | Дни  | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   |                   |              |            |             |                |       |      |      |       | 17   | 18   | 19   | 20   | 21 | 22 | 23 |
| 1                       | 16.2 | 16.3 | 17.7 | 18.6 | 19.9 | 19.9 | 18.6 | 16.4 | 14.3 | 12.6 | 12.1 | 12.6 | 13.6 | 14.3 | 14.1 | 14.1 | 14.3 | 14.5              | 15.1         | 15.5       | 15.8        | 15.3           | 16.2  | 16.4 | 15.6 | 5.4   | 20.3 | 11.9 | 10.7 | 8.4  |    |    |    |
| 2                       | 16.6 | 15.6 | 17.6 | 18.9 | 19.4 | 18.8 | 17.1 | 15.3 | 13.4 | 12.0 | 12.5 | 12.1 | 13.4 | 16.2 | 15.3 | 15.3 | 15.6 | 14.9              | 15.1         | 15.1       | 15.4        | 15.8           | 15.8  | 15.5 | 4.5  | 19.6  | 11.5 | 9.5  | 8.1  |      |    |    |    |
| 3                       | 15.6 | 15.9 | 16.6 | 17.7 | 17.7 | 16.5 | 14.1 | 11.9 | 10.4 | 10.2 | 11.2 | 12.6 | 14.3 | 14.7 | 14.7 | 13.7 | 13.9 | 14.9              | 14.5         | 14.5       | 14.7        | 15.1           | 15.8  | 16.6 | 14.5 | 3.7   | 18.3 | 9.8  | 9.2  | 8.5  |    |    |    |
| 4                       | 17.5 | 17.1 | 17.5 | 17.5 | 17.9 | 17.3 | 14.9 | 12.2 | 10.8 | 9.9  | 10.6 | 11.9 | 13.8 | 14.9 | 14.9 | 13.6 | 13.2 | 13.8              | 14.1         | 14.5       | 14.7        | 15.3           | 15.6  | 15.0 | 14.5 | 4.3   | 18.3 | 9.8  | 9.3  | 8.5  |    |    |    |
| 5                       | 14.9 | 15.4 | 16.4 | 17.7 | 18.1 | 17.9 | 16.4 | 13.6 | 11.5 | 10.5 | 10.8 | 11.7 | 12.8 | 14.1 | 14.9 | 14.9 | 14.7 | 14.9              | 14.3         | 15.3       | 14.7        | 15.8           | 15.3  | 14.9 | 14.6 | 4.9   | 18.8 | 10.2 | 9.5  | 8.6  |    |    |    |
| 6                       | 13.0 | 14.7 | 16.6 | 17.3 | 18.2 | 18.3 | 17.1 | 15.3 | 13.4 | 11.7 | 10.8 | 10.9 | 12.3 | 14.1 | 14.7 | 14.7 | 14.3 | 14.7              | 15.1         | 15.3       | 15.3        | 15.9           | 15.3  | 14.9 | 14.7 | 5.2   | 18.8 | 10.3 | 11.2 | 8.5  |    |    |    |
| 7 Q                     | 15.1 | 15.3 | 16.2 | 17.5 | 18.6 | 19.0 | 17.9 | 15.1 | 11.9 | 10.0 | 9.6  | 10.8 | 12.8 | 14.1 | 14.7 | 13.9 | 13.7 | 13.7              | 14.3         | 14.7       | 14.7        | 15.1           | 15.0  | 15.1 | 14.5 | 5.3   | 19.3 | 9.3  | 10.2 | 10.0 |    |    |    |
| 8 Q                     | 15.3 | 15.3 | 16.0 | 17.5 | 18.4 | 18.8 | 17.3 | 15.1 | 12.6 | 11.1 | 10.6 | 11.3 | 13.0 | 13.9 | 14.3 | 13.8 | 13.6 | 13.7              | 14.1         | 14.7       | 14.9        | 15.1           | 15.1  | 14.9 | 14.6 | 5.5   | 19.0 | 10.4 | 10.4 | 8.6  |    |    |    |
| 9                       | 14.7 | 15.1 | 16.0 | 16.9 | 17.7 | 17.5 | 16.2 | 15.1 | 13.5 | 11.6 | 10.7 | 11.6 | 13.4 | 13.9 | 13.8 | 13.2 | 13.3 | 13.6              | 13.8         | 14.3       | 14.7        | 14.9           | 15.0  | 15.2 | 14.4 | 4.9   | 17.9 | 10.4 | 10.4 | 7.5  |    |    |    |
| 10 Q                    | 15.8 | 15.6 | 15.5 | 16.2 | 16.9 | 17.3 | 16.4 | 14.6 | 11.9 | 10.6 | 11.1 | 12.1 | 12.8 | 12.8 | 13.0 | 12.8 | 13.0 | 13.2              | 14.1         | 14.7       | 14.8        | 14.9           | 15.1  | 15.1 | 14.2 | 5.7   | 17.5 | 10.4 | 9.3  | 7.1  |    |    |    |
| 11                      | 15.3 | 15.7 | 16.0 | 17.1 | 18.1 | 19.0 | 18.3 | 16.2 | 13.2 | 11.1 | 10.6 | 11.1 | 12.6 | 13.7 | 13.9 | 13.8 | 13.8 | 14.1              | 13.8         | 13.4       | 14.7        | 15.2           | 14.7  | 18.3 | 14.7 | 23.1  | 20.1 | 10.4 | 10.5 | 9.7  |    |    |    |
| 12 D                    | 17.1 | 17.9 | 18.3 | 19.6 | 15.9 | 20.5 | 20.1 | 18.8 | 16.2 | 15.3 | 14.5 | 18.1 | 17.1 | 16.6 | 18.1 | 18.1 | 18.6 | 19.4              | 18.6         | 17.5       | 14.9        | 14.5           | 16.2  | 17.5 | 17.5 | 5.9   | 22.9 | 13.0 | 20.9 | 9.9  |    |    |    |
| 13                      | 17.5 | 16.9 | 16.9 | 17.6 | 17.5 | 18.3 | 17.5 | 16.5 | 14.6 | 13.2 | 11.9 | 13.0 | 13.8 | 14.5 | 15.8 | 15.1 | 14.7 | 15.1              | 16.9         | 17.7       | 17.9        | 17.7           | 15.3  | 17.7 | 16.0 | 5.4   | 18.8 | 11.5 | 10.8 | 7.3  |    |    |    |
| 14                      | 18.6 | 19.9 | 18.9 | 18.9 | 19.9 | 20.5 | 19.0 | 16.6 | 14.3 | 12.8 | 12.6 | 13.0 | 14.3 | 15.3 | 15.3 | 15.1 | 15.2 | 16.6              | 16.2         | 16.0       | 15.3        | 16.6           | 16.6  | 16.0 | 16.4 | 5.1   | 20.7 | 12.5 | 10.1 | 8.2  |    |    |    |
| 15                      | 15.8 | 17.3 | 17.7 | 17.9 | 18.2 | 18.5 | 17.3 | 15.1 | 13.3 | 12.3 | 11.6 | 12.3 | 13.2 | 14.7 | 16.0 | 18.4 | 16.3 | 17.7              | 17.9         | 17.7       | 16.4        | 16.2           | 16.6  | 16.6 | 16.0 | 15.4  | 19.8 | 11.2 | 10.1 | 8.6  |    |    |    |
| 16                      | 17.1 | 17.5 | 17.7 | 18.8 | 19.6 | 19.5 | 17.5 | 14.7 | 12.8 | 11.7 | 11.7 | 13.2 | 15.1 | 16.2 | 15.6 | 14.9 | 14.7 | 14.7              | 14.6         | 14.7       | 14.7        | 15.3           | 15.8  | 16.9 | 15.6 | 4.8   | 19.8 | 11.5 | 10.0 | 8.3  |    |    |    |
| 17                      | 16.6 | 17.6 | 17.8 | 18.1 | 18.8 | 18.3 | 16.6 | 14.2 | 12.8 | 11.5 | 11.9 | 12.8 | 13.8 | 14.5 | 14.7 | 14.9 | 15.8 | 16.0              | 15.8         | 15.3       | 16.9        | 17.3           | 16.3  | 17.7 | 15.7 | 4.3   | 19.2 | 11.1 | 9.3  | 8.1  |    |    |    |
| 18                      | 16.4 | 16.2 | 17.7 | 18.3 | 18.8 | 19.0 | 15.8 | 13.1 | 11.5 | 10.6 | 10.6 | 10.6 | 12.6 | 14.2 | 14.5 | 14.3 | 15.1 | 15.8              | 17.1         | 16.2       | 16.4        | 16.2           | 15.0  | 16.6 | 15.1 | 5.2   | 19.8 | 9.6  | 9.9  | 10.2 |    |    |    |
| 19                      | 16.9 | 14.3 | 13.8 | 15.3 | 16.6 | 17.1 | 15.8 | 14.7 | 12.6 | 11.5 | 11.5 | 12.8 | 14.5 | 16.2 | 15.6 | 16.6 | 19.4 | 17.9              | 15.8         | 15.8       | 16.0        | 16.4           | 16.3  | 17.5 | 15.4 | 16.9  | 21.6 | 10.8 | 10.1 | 10.8 |    |    |    |
| 20                      | 17.7 | 18.4 | 17.7 | 17.7 | 18.1 | 17.9 | 16.8 | 14.8 | 13.2 | 11.5 | 11.1 | 11.9 | 13.4 | 15.1 | 15.1 | 14.9 | 14.9 | 15.1              | 16.0         | 15.3       | 15.8        | 16.4           | 15.8  | 16.4 | 15.5 | 1.8   | 18.8 | 10.4 | 10.8 | 8.4  |    |    |    |
| 21                      | 16.2 | 16.4 | 17.3 | 17.9 | 18.8 | 18.8 | 17.3 | 15.3 | 13.2 | 11.6 | 10.8 | 11.5 | 13.5 | 14.3 | 14.3 | 14.1 | 14.5 | 14.9              | 15.6         | 15.8       | 16.1        | 16.2           | 16.2  | 16.1 | 15.3 | 4.4   | 19.2 | 10.6 | 10.5 | 8.6  |    |    |    |
| 22 Q                    | 16.1 | 15.9 | 16.0 | 16.9 | 18.1 | 18.9 | 18.3 | 16.6 | 14.1 | 12.1 | 11.3 | 11.5 | 12.6 | 14.1 | 14.5 | 14.3 | 14.5 | 14.7              | 14.9         | 14.5       | 15.1        | 15.1           | 15.3  | 15.3 | 15.0 | 5.9   | 19.2 | 10.9 | 10.8 | 8.3  |    |    |    |
| 23 D                    | 15.9 | 16.6 | 16.4 | 16.6 | 17.3 | 16.3 | 18.8 | 18.1 | 14.9 | 13.8 | 12.0 | 12.6 | 13.2 | 14.7 | 13.8 | 17.5 | 20.1 | 17.1              | 17.5         | 18.3       | 18.1        | 17.1           | 14.9  | 16.6 | 16.2 | 16.2  | 23.1 | 11.5 | 10.7 | 11.6 |    |    |    |
| 24 D                    | 17.3 | 16.6 | 15.6 | 16.3 | 16.9 | 17.5 | 16.9 | 15.1 | 15.1 | 14.5 | 13.4 | 13.9 | 14.1 | 15.6 | 17.5 | 15.1 | 15.3 | 15.8              | 16.4         | 16.4       | 17.7        | 17.1           | 15.3  | 17.1 | 15.9 | 14.2  | 19.6 | 12.8 | 10.4 | 6.8  |    |    |    |
| 25 D                    | 16.4 | 16.2 | 16.4 | 16.9 | 17.5 | 17.8 | 16.8 | 14.3 | 12.0 | 10.8 | 10.8 | 11.9 | 13.6 | 16.4 | 18.6 | 16.2 | 14.7 | 16.5              | 15.8         | 15.9       | 15.9        | 16.4           | 15.8  | 13.8 | 15.3 | 14.0  | 23.0 | 10.2 | 10.2 | 12.8 |    |    |    |
| 26 D                    | 16.2 | 17.9 | 16.0 | 17.9 | 19.2 | 19.4 | 17.7 | 14.5 | 12.9 | 13.4 | 12.4 | 13.8 | 17.1 | 14.9 | 14.5 | 14.9 | 17.5 | 18.1              | 16.4         | 16.8       | 15.9        | 16.0           | 16.2  | 16.6 | 16.1 | 4.4   | 20.1 | 11.5 | 10.3 | 8.6  |    |    |    |
| 27                      | 16.6 | 15.6 | 15.8 | 16.8 | 18.6 | 19.6 | 19.6 | 16.1 | 13.2 | 13.2 | 11.9 | 12.4 | 13.9 | 13.8 | 15.1 | 14.3 | 14.7 | 14.7              | 15.2         | 19.0       | 19.5        | 16.9           | 17.1  | 15.1 | 15.8 | 21.9  | 20.7 | 11.6 | 10.5 | 9.1  |    |    |    |
| 28                      | 16.2 | 16.4 | 16.9 | 16.9 | 17.9 | 18.2 | 18.0 | 16.7 | 14.7 | 12.8 | 12.3 | 12.8 | 13.6 | 14.1 | 14.3 | 14.3 | 14.9 | 14.7              | 15.1         | 15.6       | 15.9        | 15.8           | 17.1  | 14.1 | 15.4 | 5.3   | 18.8 | 11.8 | 23.7 | 7.0  |    |    |    |
| 29                      | 15.4 | 16.6 | 15.8 | 16.4 | 17.9 | 19.4 | 19.4 | 18.3 | 16.2 | 14.5 | 13.2 | 12.8 | 13.2 | 14.2 | 14.7 | 15.3 | 15.1 | 15.8              | 17.3         | 16.2       | 15.6        | 14.3           | 14.5  | 15.6 | 15.7 | 5.8   | 19.9 | 12.3 | 11.2 | 7.6  |    |    |    |
| 30 Q                    | 16.0 | 15.8 | 15.3 | 15.8 | 17.2 | 18.3 | 18.8 | 17.5 | 15.1 | 13.1 | 11.9 | 12.2 | 13.4 | 14.5 | 15.1 | 15.1 | 15.1 | 15.3              | 15.6         | 15.6       | 15.6        | 15.7           | 15.6  | 15.9 | 15.4 | 6.4   | 19.1 | 11.5 | 10.9 | 7.6  |    |    |    |
| 31                      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                   |              |            |             |                |       |      |      |       |      |      |      |      |    |    |    |
| Среднее по<br>всем дням | 16.2 | 16.4 | 16.7 | 17.4 | 18.1 | 18.5 | 17.4 | 15.4 | 13.3 | 12.0 | 11.6 | 12.4 | 13.7 | 14.7 | 15.0 | 14.9 | 15.2 | 15.4              | 15.6         | 15.7       | 15.8        | 15.8           | 15.7  | 1    |      |       |      |      |      |      |    |    |    |

Условные обозначения:  $\Delta$  — погасла лампа;  $>$  или  $<$  — запись вышла за бумагу;  $\square$  — остановились часы  
Длинные причины отсутств. записи. Величины, взятые приближенно с магнитограммы — ( )

Обработал А. Шермадини И. Н.Проверил Богданашивили

Обсерватория Душети (Абшиши)Среднемесячн. H = 24047<sup>+</sup>Элемент Горизонтальная составляющаяМесяц сентябрь год 1986H = 23930<sup>+</sup> + = ° =

| Время<br>кировое           |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | Средн.<br>суточн. | Время<br>тах | Max<br>тип | Min<br>тип | время<br>миним | Ампл. |  |  | Сумма |
|----------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------------------|--------------|------------|------------|----------------|-------|--|--|-------|
| Дни                        | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24  |                   |              |            |            |                |       |  |  |       |
| 1                          | 116 | 122 | 116 | 120 | 107 | 91  | 94  | 93  | 100 | 120 | 138 | 140 | 134 | 130 | 126 | 124 | 126 | 127 | 126 | 126 | 124 | 141 | 130 | 128 | 121               | 21.4         | 146        | 89         | 5.3            | 57    |  |  |       |
| 2                          | 126 | 127 | 128 | 121 | 110 | 90  | 90  | 109 | 122 | 122 | 132 | 136 | 126 | 118 | 121 | 128 | 126 | 121 | 126 | 128 | 130 | 130 | 127 | 124 | 122               | 11.3         | 140        | 76         | 5.9            | 64    |  |  |       |
| 3                          | 126 | 126 | 126 | 119 | 110 | 103 | 98  | 115 | 135 | 145 | 144 | 144 | 140 | 133 | 129 | 127 | 128 | 132 | 133 | 134 | 132 | 136 | 139 | 133 | 129               | 11.7         | 150        | 95         | 6.2            | 55    |  |  |       |
| 4                          | 132 | 126 | 123 | 120 | 115 | 103 | 100 | 102 | 108 | 122 | 130 | 128 | 131 | 128 | 133 | 131 | 128 | 141 | 138 | 139 | 134 | 134 | 126 | 126 | 125               | 19.3         | 157        | 97         | 6.1            | 60    |  |  |       |
| 5                          | 130 | 146 | 150 | 136 | 122 | 108 | 102 | 102 | 109 | 120 | 132 | 138 | 139 | 128 | 126 | 124 | 124 | 126 | 135 | 136 | 139 | 134 | 124 | 126 | 127               | 2.7          | 154        | 96         | 7.1            | 58    |  |  |       |
| 6                          | 132 | 140 | 134 | 126 | 120 | 106 | 100 | 94  | 104 | 115 | 118 | 117 | 122 | 126 | 126 | 124 | 122 | 124 | 129 | 132 | 133 | 127 | 133 | 134 | 122               | 1.7          | 145        | 91         | 7.6            | 54    |  |  |       |
| 7 Q                        | 136 | 136 | 134 | 132 | 124 | 112 | 103 | 102 | 110 | 125 | 128 | 132 | 141 | 140 | 139 | 136 | 133 | 138 | 139 | 140 | 138 | 138 | 139 | 144 | 131               | 23.5         | 146        | 92         | 7.1            | 54    |  |  |       |
| 8 Q                        | 144 | 146 | 145 | 141 | 134 | 119 | 104 | 104 | 123 | 139 | 144 | 149 | 146 | 138 | 130 | 132 | 132 | 134 | 135 | 136 | 133 | 136 | 142 | 142 | 134               | 11.8         | 151        | 100        | 6.5            | 51    |  |  |       |
| 9                          | 140 | 136 | 136 | 128 | 126 | 109 | 100 | 102 | 114 | 128 | 132 | 132 | 138 | 138 | 138 | 136 | 134 | 140 | 140 | 142 | 141 | 143 | 142 | 141 | 132               | 20.0         | 147        | 98         | 6.7            | 49    |  |  |       |
| 10 Q                       | 138 | 141 | 145 | 143 | 140 | 134 | 121 | 126 | 148 | 158 | 158 | 158 | 157 | 156 | 146 | 143 | 142 | 146 | 143 | 143 | 144 | 145 | 140 | 137 | 144               | 9.4          | 162        | 111        | 7.0            | 51    |  |  |       |
| 11                         | 131 | 132 | 135 | 130 | 126 | 118 | 103 | 103 | 117 | 131 | 135 | 135 | 132 | 130 | 129 | 131 | 132 | 134 | 150 | 159 | 151 | 162 | 166 | 124 | 133               | 18.7         | 193        | 98         | 6.8            | 95    |  |  |       |
| 12 D                       | 116 | 156 | 138 | 82  | 20  | 4   | 6   | 13  | 26  | 31  | 6   | 8   | 37  | 44  | 42  | 44  | 46  | 56  | 58  | 78  | 104 | 104 | 94  | 88  | 58                | 1.4          | 181        | -9         | 5.3            | 190   |  |  |       |
| 13                         | 78  | 79  | 106 | 98  | 92  | 82  | 66  | 74  | 74  | 71  | 84  | 86  | 94  | 88  | 96  | 103 | 104 | 102 | 98  | 106 | 97  | 114 | 130 | 98  | 92                | 22.4         | 149        | 58         | 6.8            | 91    |  |  |       |
| 14                         | 97  | 102 | 87  | 90  | 80  | 74  | 73  | 78  | 87  | 93  | 102 | 109 | 110 | 106 | 101 | 98  | 104 | 120 | 127 | 110 | 132 | 120 | 113 | 116 | 101               | 20.5         | 138        | 68         | 6.4            | 70    |  |  |       |
| 15                         | 120 | 120 | 114 | 115 | 115 | 108 | 99  | 106 | 121 | 115 | 114 | 90  | 86  | 103 | 88  | 90  | 78  | 86  | 98  | 118 | 116 | 108 | 103 | 108 | 105               | 0.9          | 128        | 74         | 16.5           | 54    |  |  |       |
| 16                         | 108 | 104 | 104 | 106 | 98  | 92  | 90  | 94  | 104 | 110 | 115 | 116 | 114 | 114 | 112 | 114 | 118 | 121 | 126 | 132 | 134 | 133 | 135 | 128 | 113               | 20.9         | 145        | 86         | 6.2            | 59    |  |  |       |
| 17                         | 140 | 134 | 127 | 121 | 118 | 103 | 95  | 102 | 114 | 127 | 128 | 129 | 127 | 121 | 116 | 113 | 110 | 116 | 117 | 132 | 133 | 111 | 115 | 122 | 120               | 0.7          | 148        | 88         | 6.3            | 60    |  |  |       |
| 18                         | 110 | 115 | 116 | 108 | 90  | 90  | 98  | 103 | 115 | 119 | 123 | 139 | 137 | 122 | 115 | 110 | 108 | 98  | 118 | 126 | 114 | 118 | 130 | 126 | 114               | 19.0         | 157        | 79         | 4.8            | 78    |  |  |       |
| 19                         | 116 | 118 | 145 | 114 | 115 | 100 | 86  | 79  | 98  | 110 | 121 | 127 | 126 | 118 | 112 | 98  | 86  | 90  | 109 | 114 | 116 | 115 | 126 | 125 | 111               | 2.3          | 154        | 68         | 7.5            | 86    |  |  |       |
| 20                         | 111 | 111 | 113 | 116 | 114 | 107 | 102 | 80  | 106 | 128 | 138 | 139 | 128 | 119 | 114 | 116 | 116 | 116 | 135 | 134 | 120 | 122 | 142 | 140 | 119               | 22.9         | 159        | 72         | 7.6            | 87    |  |  |       |
| 21                         | 115 | 128 | 112 | 109 | 106 | 96  | 91  | 93  | 104 | 114 | 124 | 134 | 122 | 120 | 118 | 120 | 119 | 120 | 119 | 130 | 129 | 120 | 120 | 118 | 116               | 20.1         | 142        | 90         | 6.9            | 52    |  |  |       |
| 22 Q                       | 120 | 120 | 121 | 121 | 116 | 111 | 104 | 104 | 114 | 122 | 130 | 133 | 132 | 126 | 124 | 126 | 126 | 127 | 134 | 145 | 142 | 146 | 140 | 137 | 126               | 19.7         | 152        | 102        | 7.2            | 50    |  |  |       |
| 23 D                       | 132 | 124 | 134 | 139 | 92  | 96  | 77  | 100 | 114 | 115 | 112 | 98  | 102 | 90  | 96  | 74  | 88  | 96  | 121 | 108 | 108 | 146 | 128 | 110 | 108               | 21.7         | 158        | 62         | 15.7           | 96    |  |  |       |
| 24 D                       | 116 | 110 | 114 | 116 | 109 | 96  | 84  | 86  | 97  | 116 | 116 | 120 | 115 | 103 | 108 | 100 | 109 | 116 | 124 | 128 | 116 | 129 | 131 | 120 | 112               | 21.9         | 144        | 74         | 6.1            | 70    |  |  |       |
| 25 D                       | 118 | 118 | 119 | 111 | 112 | 103 | 102 | 109 | 119 | 125 | 126 | 114 | 107 | 94  | 115 | 116 | 110 | 137 | 117 | 116 | 121 | 121 | 134 | 161 | 118               | 23.9         | 168        | 68         | 13.8           | 100   |  |  |       |
| 26 D                       | 156 | 121 | 104 | 107 | 84  | 76  | 78  | 80  | 76  | 91  | 110 | 102 | 112 | 118 | 112 | 106 | 98  | 104 | 104 | 108 | 122 | 124 | 120 | 119 | 106               | 0.2          | 173        | 66         | 8.7            | 107   |  |  |       |
| 27                         | 120 | 121 | 120 | 116 | 109 | 101 | 72  | 88  | 101 | 104 | 117 | 118 | 128 | 124 | 117 | 119 | 119 | 122 | 122 | 128 | 110 | 118 | 112 | 115 | 113               | 19.6         | 139        | 57         | 6.6            | 82    |  |  |       |
| 28                         | 116 | 113 | 114 | 114 | 106 | 98  | 91  | 92  | 114 | 126 | 126 | 120 | 126 | 126 | 125 | 125 | 124 | 125 | 125 | 126 | 138 | 130 | 130 | 128 | 119               | 20.8         | 155        | 83         | 6.9            | 72    |  |  |       |
| 29                         | 133 | 121 | 121 | 120 | 116 | 105 | 102 | 102 | 116 | 124 | 130 | 131 | 131 | 127 | 116 | 116 | 122 | 122 | 133 | 130 | 128 | 138 | 143 | 124 | 123               | 22.4         | 153        | 94         | 7.0            | 59    |  |  |       |
| 30 Q                       | 124 | 124 | 128 | 127 | 119 | 112 | 105 | 110 | 116 | 126 | 125 | 122 | 124 | 126 | 124 | 120 | 121 | 120 | 121 | 122 | 125 | 126 | 125 | 124 | 122               | 2.6          | 130        | 102        | 6.4            | 28    |  |  |       |
| 31                         |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                   |              |            |            |                |       |  |  |       |
| Среднее по<br>всем дням    | 123 | 124 | 124 | 118 | 108 | 98  | 91  | 95  | 107 | 116 | 121 | 121 | 122 | 118 | 116 | 115 | 114 | 119 | 123 | 127 | 127 | 129 | 129 | 126 | 117               |              | 152        | 81         |                | 71    |  |  |       |
| Среднее по<br>сп. дням     | 132 | 133 | 135 | 133 | 127 | 118 | 107 | 109 | 122 | 134 | 137 | 139 | 140 | 137 | 133 | 131 | 131 | 133 | 134 | 137 | 136 | 138 | 137 | 137 | 131               |              | 148        | 101        |                | 47    |  |  |       |
| Среднее по<br>возмущ. дням | 128 | 126 | 122 | 111 | 83  | 75  | 69  | 78  | 86  | 96  | 94  | 88  | 95  | 90  | 95  | 88  | 90  | 102 | 105 | 108 | 114 | 125 | 121 | 120 | 100               |              | 165        | 52         |                | 113   |  |  |       |
| Сумма по<br>всем дням      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                   |              |            |            |                |       |  |  |       |
| Сумма по<br>сп. дням       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                   |              |            |            |                |       |  |  |       |
| Сумма по<br>возмущ. дням   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                   |              |            |            |                |       |  |  |       |

Условные обозначения:  $\Delta$  — погасла лампа;  $>$  или  $<$  — запись вышла за бумагу;  $\square$  — остановились часы

Длинные причины отсутств. записи. Величины, взятые приближенно с магнитограммы — ( )

Обработал А. Шертагани И. Н. Проверил А. Эбреншдзе И. А.

Обсерватория Душети (Абхазия)

Среднемесячн.  $\bar{I} = 42204^+$

Элемент Вертикальная составляющая

Месяц Сентябрь год 1986

$\bar{I} = 42150^+ + =$

| Время<br>журное            |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | Средн.<br>суточн. | Время<br>тах | Maxi<br>tum | Mini<br>tum | время<br>minim | Ампл. |  |  | Сумма |  |
|----------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------------------|--------------|-------------|-------------|----------------|-------|--|--|-------|--|
| Дни                        | 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |                   |              |             |             |                |       |  |  |       |  |
| 1                          | 54 | 53 | 56 | 55 | 54 | 50 | 46 | 43 | 40 | 40 | 43 | 48 | 48 | 49 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 52 | 52 | 52 | 50                | 2.9          | 57          | 38          | 8.4            | 19    |  |  |       |  |
| 2                          | 52 | 53 | 52 | 52 | 52 | 48 | 45 | 42 | 43 | 39 | 40 | 41 | 44 | 48 | 51 | 51 | 53 | 54 | 53 | 52 | 52 | 52 | 52 | 53 | 49                | 17.3         | 55          | 38          | 9.7            | 17    |  |  |       |  |
| 3                          | 52 | 52 | 53 | 54 | 53 | 47 | 44 | 42 | 40 | 37 | 39 | 40 | 40 | 45 | 46 | 47 | 50 | 51 | 51 | 51 | 52 | 51 | 51 | 51 | 47                | 3.6          | 55          | 36          | 9.6            | 19    |  |  |       |  |
| 4                          | 50 | 51 | 52 | 54 | 58 | 58 | 55 | 55 | 56 | 58 | 59 | 57 | 53 | 54 | 51 | 49 | 50 | 50 | 51 | 52 | 54 | 52 | 53 | 53 | 54                | 10.4         | 61          | 47          | 15.6           | 14    |  |  |       |  |
| 5                          | 52 | 48 | 50 | 54 | 57 | 59 | 56 | 56 | 54 | 53 | 54 | 55 | 56 | 55 | 52 | 52 | 55 | 54 | 52 | 53 | 52 | 52 | 54 | 52 | 54                | 5.6          | 60          | 46          | 1.3            | 14    |  |  |       |  |
| 6                          | 52 | 50 | 52 | 56 | 58 | 57 | 52 | 48 | 45 | 43 | 44 | 47 | 48 | 50 | 51 | 50 | 53 | 53 | 52 | 52 | 52 | 52 | 51 | 52 | 51                | 4.4          | 60          | 41          | 9.7            | 19    |  |  |       |  |
| 7 Q                        | 50 | 51 | 52 | 55 | 56 | 56 | 55 | 48 | 44 | 48 | 55 | 57 | 55 | 54 | 50 | 49 | 52 | 52 | 52 | 50 | 51 | 51 | 51 | 50 | 52                | 11.3         | 58          | 42          | 8.6            | 16    |  |  |       |  |
| 8 Q                        | 50 | 50 | 51 | 54 | 54 | 52 | 52 | 47 | 42 | 41 | 44 | 46 | 48 | 50 | 48 | 48 | 50 | 51 | 51 | 51 | 52 | 51 | 51 | 51 | 49                | 4.1          | 56          | 40          | 9.2            | 16    |  |  |       |  |
| 9                          | 50 | 50 | 51 | 53 | 53 | 50 | 46 | 46 | 44 | 40 | 42 | 45 | 44 | 46 | 46 | 47 | 49 | 50 | 50 | 50 | 51 | 51 | 50 | 50 | 48                | 3.7          | 54          | 39          | 9.4            | 15    |  |  |       |  |
| 10 Q                       | 50 | 50 | 49 | 51 | 52 | 50 | 49 | 46 | 42 | 34 | 32 | 38 | 41 | 42 | 44 | 45 | 47 | 48 | 49 | 49 | 49 | 49 | 48 | 49 | 46                | 4.9          | 53          | 30          | 10.1           | 23    |  |  |       |  |
| 11                         | 49 | 48 | 49 | 50 | 50 | 47 | 41 | 34 | 28 | 26 | 30 | 38 | 42 | 45 | 48 | 48 | 49 | 50 | 48 | 48 | 48 | 47 | 44 | 48 | 44                | 4.1          | 52          | 25          | 9.2            | 27    |  |  |       |  |
| 12 D                       | 51 | 46 | 50 | 61 | 67 | 68 | 61 | 54 | 50 | 54 | 60 | 68 | 66 | 68 | 70 | 72 | 71 | 71 | 71 | 68 | 64 | 62 | 61 | 61 | 62                | 15.9         | 73          | 43          | 1.5            | 30    |  |  |       |  |
| 13                         | 62 | 61 | 56 | 57 | 59 | 58 | 57 | 55 | 54 | 52 | 55 | 58 | 58 | 61 | 59 | 58 | 60 | 61 | 63 | 62 | 62 | 60 | 56 | 58 | 58                | 18.7         | 66          | 50          | 9.9            | 16    |  |  |       |  |
| 14                         | 58 | 57 | 60 | 60 | 61 | 59 | 58 | 56 | 53 | 50 | 50 | 54 | 58 | 60 | 60 | 60 | 60 | 58 | 57 | 59 | 56 | 57 | 59 | 58 | 57                | 4.3          | 62          | 49          | 10.4           | 13    |  |  |       |  |
| 15                         | 57 | 56 | 58 | 59 | 61 | 61 | 60 | 56 | 48 | 48 | 53 | 63 | 65 | 62 | 62 | 63 | 67 | 66 | 65 | 61 | 61 | 61 | 62 | 61 | 60                | 16.3         | 69          | 47          | 8.6            | 22    |  |  |       |  |
| 16                         | 60 | 61 | 62 | 62 | 63 | 60 | 53 | 48 | 48 | 50 | 57 | 61 | 61 | 59 | 57 | 56 | 57 | 57 | 58 | 57 | 57 | 57 | 57 | 58 | 57                | 4.2          | 64          | 47          | 8.1            | 17    |  |  |       |  |
| 17                         | 56 | 55 | 55 | 58 | 59 | 56 | 53 | 53 | 50 | 49 | 52 | 54 | 56 | 54 | 54 | 55 | 57 | 57 | 58 | 56 | 57 | 60 | 58 | 56 | 55                | 21.9         | 61          | 48          | 9.1            | 13    |  |  |       |  |
| 18                         | 57 | 56 | 56 | 60 | 62 | 58 | 53 | 52 | 54 | 55 | 57 | 58 | 56 | 58 | 56 | 58 | 61 | 63 | 60 | 58 | 59 | 59 | 57 | 56 | 57                | 17.5         | 65          | 51          | 7.1            | 14    |  |  |       |  |
| 19                         | 58 | 58 | 51 | 52 | 53 | 52 | 50 | 50 | 51 | 54 | 58 | 59 | 58 | 57 | 57 | 61 | 63 | 63 | 62 | 62 | 61 | 61 | 59 | 57 | 57                | 16.6         | 65          | 49          | 7.9            | 16    |  |  |       |  |
| 20                         | 59 | 58 | 58 | 59 | 59 | 59 | 54 | 52 | 46 | 48 | 50 | 53 | 58 | 59 | 57 | 58 | 59 | 60 | 57 | 57 | 59 | 58 | 55 | 53 | 56                | 17.5         | 61          | 45          | 8.6            | 16    |  |  |       |  |
| 21                         | 55 | 53 | 55 | 59 | 59 | 56 | 54 | 53 | 48 | 44 | 46 | 51 | 55 | 57 | 57 | 56 | 58 | 59 | 59 | 58 | 57 | 58 | 58 | 58 | 55                | 3.9          | 62          | 43          | 9.8            | 19    |  |  |       |  |
| 22 Q                       | 57 | 58 | 57 | 58 | 58 | 55 | 51 | 45 | 43 | 48 | 51 | 52 | 53 | 54 | 54 | 54 | 55 | 55 | 54 | 53 | 54 | 54 | 54 | 53 | 53                | 4.3          | 59          | 42          | 8.5            | 17    |  |  |       |  |
| 23 D                       | 53 | 53 | 51 | 53 | 62 | 60 | 58 | 55 | 52 | 49 | 50 | 53 | 55 | 60 | 61 | 66 | 65 | 64 | 60 | 60 | 60 | 54 | 54 | 55 | 57                | 15.7         | 68          | 48          | 9.5            | 20    |  |  |       |  |
| 24 D                       | 54 | 55 | 55 | 56 | 59 | 61 | 61 | 54 | 50 | 52 | 56 | 57 | 59 | 60 | 58 | 60 | 59 | 58 | 58 | 56 | 58 | 56 | 54 | 54 | 57                | 6.1          | 63          | 48          | 8.5            | 15    |  |  |       |  |
| 25 D                       | 55 | 55 | 55 | 57 | 59 | 56 | 50 | 45 | 46 | 51 | 57 | 62 | 61 | 61 | 59 | 59 | 60 | 56 | 59 | 58 | 58 | 58 | 55 | 50 | 56                | 13.8         | 65          | 44          | 7.8            | 21    |  |  |       |  |
| 26 D                       | 47 | 50 | 53 | 57 | 61 | 62 | 56 | 53 | 54 | 57 | 62 | 66 | 64 | 61 | 58 | 60 | 62 | 61 | 61 | 60 | 58 | 57 | 57 | 57 | 58                | 11.9         | 68          | 46          | 0.1            | 22    |  |  |       |  |
| 27                         | 57 | 56 | 56 | 58 | 58 | 52 | 43 | 37 | 38 | 40 | 42 | 48 | 51 | 54 | 55 | 56 | 56 | 56 | 57 | 56 | 58 | 56 | 55 | 56 | 52                | 20.9         | 61          | 36          | 7.6            | 25    |  |  |       |  |
| 28                         | 55 | 55 | 56 | 57 | 59 | 59 | 54 | 49 | 46 | 44 | 46 | 50 | 53 | 53 | 53 | 54 | 55 | 56 | 56 | 56 | 54 | 54 | 53 | 54 | 53                | 4.8          | 60          | 43          | 9.4            | 17    |  |  |       |  |
| 29                         | 51 | 52 | 53 | 55 | 57 | 56 | 52 | 48 | 42 | 40 | 38 | 42 | 48 | 52 | 54 | 56 | 56 | 56 | 54 | 55 | 56 | 54 | 51 | 52 | 51                | 4.8          | 58          | 37          | 9.4            | 21    |  |  |       |  |
| 30 Q                       | 52 | 52 | 52 | 54 | 57 | 57 | 54 | 52 | 47 | 44 | 46 | 49 | 53 | 55 | 54 | 55 | 56 | 56 | 56 | 56 | 56 | 56 | 56 | 55 | 53                | 5.1          | 58          | 43          | 9.6            | 15    |  |  |       |  |
| 31                         |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                   |              |             |             |                |       |  |  |       |  |
| Среднее по<br>всем дням    | 54 | 53 | 54 | 56 | 58 | 56 | 52 | 49 | 47 | 46 | 49 | 52 | 54 | 55 | 54 | 55 | 57 | 57 | 56 | 56 | 56 | 55 | 54 | 54 | 54                |              | 61          | 43          |                | 18    |  |  |       |  |
| Среднее по<br>сп. дням     | 52 | 52 | 52 | 54 | 55 | 54 | 52 | 48 | 44 | 43 | 46 | 48 | 50 | 51 | 50 | 50 | 52 | 52 | 52 | 52 | 52 | 52 | 52 | 52 | 51                |              | 57          | 39          |                | 17    |  |  |       |  |
| Среднее по<br>возмущ. дням | 52 | 52 | 53 | 57 | 62 | 61 | 57 | 52 | 50 | 53 | 57 | 61 | 61 | 62 | 61 | 63 | 63 | 62 | 62 | 60 | 60 | 57 | 56 | 55 | 58                |              | 67          | 46          |                | 22    |  |  |       |  |
| Сумма по<br>всем дням      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                   |              |             |             |                |       |  |  |       |  |
| Сумма по<br>сп. дням       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                   |              |             |             |                |       |  |  |       |  |
| Сумма по<br>возмущ. дням   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                   |              |             |             |                |       |  |  |       |  |

Обсерватория Душети (ГДШИСИ)

Среднемесячн.  $\Phi = 5^{\circ}08',3$ 

Элемент Склонение

Месяц Октябрь год 1986

 $\Phi = 4^{\circ}53',0 + = \circ =$ 

| Время<br>жировое        |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | Средн.<br>суточн. | Время<br>тах | Max<br>tum | Mini<br>tum | время<br>mini | Ампл. |      |      | Сумма |      |      |      |      |    |    |    |
|-------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------------------|--------------|------------|-------------|---------------|-------|------|------|-------|------|------|------|------|----|----|----|
|                         | Дни  | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   |                   |              |            |             |               |       |      |      |       | 17   | 18   | 19   | 20   | 21 | 22 | 23 |
| 1                       | 15.7 | 15.4 | 15.6 | 15.8 | 16.8 | 17.9 | 18.1 | 16.6 | 14.5 | 12.6 | 12.0 | 12.1 | 13.4 | 14.5 | 14.9 | 14.2 | 14.5 | 14.7              | 14.9         | 15.3       | 15.8        | 15.9          | 15.9  | 15.6 | 15.1 | 6.3   | 18.4 | 11.5 | 11.3 | 6.9  |    |    |    |
| 2 D                     | 14.7 | 15.2 | 14.5 | 14.7 | 16.8 | 17.1 | 16.8 | 15.3 | 13.5 | 13.0 | 13.0 | 12.9 | 14.9 | 14.3 | 14.3 | 17.5 | 19.4 | 14.5              | 15.3         | 18.3       | 18.8        | 17.5          | 17.1  | 16.6 | 15.7 | 16.0  | 25.4 | 12.3 | 11.1 | 13.1 |    |    |    |
| 3                       | 17.3 | 15.8 | 15.8 | 16.8 | 17.3 | 17.7 | 16.4 | 15.1 | 14.2 | 13.5 | 13.2 | 13.0 | 13.6 | 13.8 | 14.1 | 14.3 | 14.9 | 14.7              | 14.8         | 15.0       | 15.5        | 16.0          | 16.3  | 16.7 | 15.2 | 5.3   | 18.1 | 12.7 | 11.2 | 5.4  |    |    |    |
| 4                       | 16.0 | 16.2 | 16.1 | 16.6 | 18.1 | 18.5 | 17.7 | 15.9 | 12.8 | 11.3 | 11.0 | 11.9 | 13.5 | 14.7 | 14.7 | 14.3 | 14.5 | 14.9              | 16.2         | 15.9       | 16.2        | 15.9          | 15.8  | 15.3 | 15.2 | 5.9   | 18.8 | 10.6 | 10.4 | 8.2  |    |    |    |
| 5 D                     | 14.1 | 14.3 | 15.3 | 15.8 | 17.1 | 18.1 | 17.3 | 14.7 | 11.7 | 9.8  | 9.3  | 11.1 | 13.3 | 15.3 | 16.5 | 15.8 | 16.8 | 17.8              | 16.8         | 15.9       | 14.1        | 16.0          | 16.0  | 15.8 | 14.9 | 6.0   | 18.5 | 8.9  | 10.4 | 9.6  |    |    |    |
| 6                       | 15.6 | 15.3 | 15.3 | 15.7 | 17.1 | 18.8 | 17.9 | 15.8 | 14.1 | 12.1 | 10.4 | 11.5 | 13.6 | 15.1 | 15.4 | 15.5 | 16.2 | 15.1              | 15.2         | 15.5       | 16.0        | 15.3          | 15.5  | 15.3 | 15.1 | 5.6   | 19.2 | 10.2 | 9.4  | 9.0  |    |    |    |
| 7                       | 15.3 | 15.3 | 15.2 | 16.2 | 17.9 | 18.9 | 18.5 | 16.2 | 13.2 | 11.4 | 11.0 | 11.7 | 13.2 | 14.5 | 14.5 | 14.5 | 14.7 | 15.1              | 15.1         | 15.3       | 15.6        | 15.5          | 15.3  | 15.1 | 15.0 | 5.8   | 19.2 | 10.6 | 10.0 | 8.6  |    |    |    |
| 8                       | 15.1 | 15.0 | 15.1 | 15.8 | 17.2 | 18.3 | 17.8 | 15.8 | 12.5 | 11.1 | 10.6 | 11.2 | 12.5 | 13.3 | 13.8 | 15.8 | 15.5 | 15.7              | 14.7         | 14.9       | 15.1        | 15.8          | 16.2  | 16.2 | 14.8 | 5.6   | 18.6 | 10.4 | 10.7 | 8.2  |    |    |    |
| 9                       | 15.8 | 15.6 | 15.6 | 16.0 | 16.6 | 17.3 | 16.8 | 15.3 | 13.4 | 12.3 | 11.7 | 12.1 | 12.5 | 12.9 | 13.0 | 13.5 | 14.3 | 14.5              | 14.6         | 15.3       | 15.3        | 15.4          | 14.7  | 15.8 | 14.6 | 5.8   | 17.6 | 11.6 | 10.8 | 6.0  |    |    |    |
| 10 Q                    | 15.8 | 15.8 | 15.5 | 15.6 | 16.6 | 17.7 | 17.7 | 15.6 | 12.3 | 11.3 | 11.5 | 11.7 | 12.6 | 13.6 | 13.8 | 13.8 | 14.2 | 14.5              | 14.7         | 15.1       | 15.3        | 15.3          | 15.5  | 15.3 | 14.6 | 5.9   | 18.1 | 11.2 | 10.4 | 6.9  |    |    |    |
| 11 Q                    | 15.3 | 15.1 | 15.1 | 15.1 | 16.2 | 17.5 | 18.1 | 16.4 | 13.6 | 12.1 | 11.9 | 12.5 | 13.7 | 14.5 | 14.3 | 14.1 | 14.3 | 14.4              | 14.7         | 14.9       | 15.1        | 15.3          | 15.3  | 15.1 | 14.8 | 6.8   | 18.2 | 11.7 | 10.6 | 6.5  |    |    |    |
| 12 Q                    | 15.3 | 15.0 | 15.1 | 15.1 | 15.9 | 17.5 | 18.3 | 17.1 | 13.8 | 11.9 | 11.8 | 12.3 | 13.6 | 14.1 | 14.1 | 14.1 | 14.5 | 14.7              | 14.9         | 14.9       | 15.1        | 14.9          | 14.9  | 14.9 | 14.7 | 6.5   | 18.7 | 11.5 | 10.3 | 7.2  |    |    |    |
| 13 D                    | 14.6 | 14.5 | 14.3 | 14.7 | 15.8 | 17.8 | 18.6 | 17.3 | 14.5 | 11.9 | 10.8 | 10.8 | 11.3 | 12.1 | 12.8 | 12.5 | 13.1 | 13.4              | 14.9         | 24.5       | 29.9        | 23.3          | 19.1  | 18.3 | 15.9 | 20.6  | 31.8 | 10.4 | 10.6 | 21.4 |    |    |    |
| 14 D                    | 19.0 | 17.5 | 18.1 | 18.6 | 19.5 | 19.5 | 19.0 | 18.1 | 15.4 | 14.5 | 14.7 | 14.3 | 14.1 | 15.6 | 15.0 | 15.8 | 15.8 | 16.2              | 17.5         | 16.6       | 15.5        | 16.2          | 14.5  | 15.6 | 16.5 | 0.7   | 20.9 | 11.3 | 9.9  | 9.6  |    |    |    |
| 15                      | 16.0 | 16.1 | 16.0 | 16.2 | 17.5 | 18.3 | 18.9 | 17.7 | 15.8 | 14.2 | 13.7 | 13.6 | 15.6 | 14.7 | 16.4 | 16.0 | 15.6 | 15.8              | 16.5         | 16.8       | 16.4        | 16.8          | 16.4  | 15.3 | 16.1 | 6.6   | 19.4 | 12.8 | 9.9  | 6.6  |    |    |    |
| 16                      | 15.6 | 15.5 | 15.6 | 15.9 | 17.3 | 18.3 | 18.3 | 15.9 | 12.9 | 11.9 | 11.9 | 12.8 | 13.8 | 14.9 | 15.1 | 15.1 | 15.5 | 15.6              | 15.6         | 16.0       | 15.8        | 16.0          | 15.8  | 15.3 | 15.3 | 6.5   | 18.6 | 11.3 | 10.0 | 7.3  |    |    |    |
| 17                      | 15.6 | 14.7 | 14.7 | 15.3 | 16.4 | 18.1 | 18.8 | 17.4 | 14.5 | 12.0 | 11.9 | 12.9 | 13.8 | 14.7 | 14.7 | 14.7 | 14.9 | 15.1              | 15.3         | 15.6       | 15.6        | 15.8          | 15.3  | 15.5 | 15.1 | 6.4   | 18.9 | 11.4 | 10.2 | 7.5  |    |    |    |
| 18                      | 14.9 | 14.7 | 14.5 | 14.7 | 16.0 | 17.7 | 18.3 | 17.1 | 14.5 | 12.1 | 11.2 | 12.6 | 14.1 | 14.6 | 14.2 | 15.3 | 16.6 | 15.2              | 14.7         | 16.2       | 16.2        | 16.8          | 16.2  | 16.2 | 15.2 | 6.6   | 18.6 | 10.5 | 10.5 | 8.1  |    |    |    |
| 19 D                    | 15.1 | 13.4 | 14.5 | 14.4 | 16.3 | 17.9 | 17.5 | 15.9 | 13.6 | 12.6 | 12.0 | 11.9 | 13.6 | 16.1 | 15.3 | 15.1 | 16.3 | 15.8              | 15.8         | 16.6       | 16.4        | 16.6          | 15.6  | 15.1 | 15.1 | 5.7   | 18.7 | 11.4 | 11.6 | 7.3  |    |    |    |
| 20                      | 15.5 | 15.9 | 15.3 | 15.0 | 15.8 | 16.7 | 17.3 | 16.4 | 14.3 | 12.1 | 11.9 | 12.1 | 13.4 | 14.2 | 15.1 | 16.9 | 15.1 | 15.6              | 15.3         | 15.6       | 16.6        | 17.3          | 16.6  | 16.4 | 15.3 | 15.4  | 18.6 | 10.8 | 9.8  | 7.8  |    |    |    |
| 21                      | 16.6 | 15.3 | 15.1 | 15.6 | 16.4 | 17.5 | 17.9 | 16.6 | 14.3 | 12.8 | 12.2 | 13.2 | 14.1 | 14.7 | 14.6 | 14.9 | 15.3 | 15.8              | 17.2         | 16.6       | 15.8        | 15.1          | 14.9  | 15.8 | 15.3 | 6.4   | 18.3 | 11.8 | 10.4 | 6.5  |    |    |    |
| 22                      | 15.3 | 15.3 | 15.2 | 15.8 | 17.1 | 18.3 | 18.8 | 17.9 | 14.8 | 13.0 | 11.5 | 13.0 | 14.1 | 14.9 | 15.1 | 15.1 | 15.1 | 15.3              | 15.6         | 15.4       | 15.3        | 15.6          | 15.8  | 15.8 | 15.4 | 6.4   | 19.2 | 11.3 | 10.4 | 7.9  |    |    |    |
| 23                      | 15.6 | 15.3 | 15.3 | 15.3 | 16.6 | 17.9 | 17.9 | 15.6 | 13.2 | 11.9 | 11.5 | 12.5 | 14.0 | 14.5 | 14.5 | 14.7 | 14.9 | 15.3              | 16.4         | 17.3       | 16.2        | 15.8          | 15.2  | 15.3 | 15.1 | 6.2   | 18.3 | 11.3 | 10.1 | 7.0  |    |    |    |
| 24 Q                    | 15.4 | 15.3 | 15.1 | 14.9 | 15.6 | 17.1 | 18.1 | 16.8 | 14.1 | 12.3 | 12.2 | 13.0 | 14.2 | 14.9 | 14.9 | 15.6 | 15.6 | 15.3              | 15.5         | 15.6       | 15.6        | 15.5          | 15.3  | 15.3 | 15.1 | 6.5   | 18.3 | 12.1 | 10.3 | 6.2  |    |    |    |
| 25                      | 15.1 | 15.1 | 15.1 | 15.1 | 16.2 | 17.5 | 17.8 | 16.4 | 13.4 | 11.5 | 11.5 | 12.2 | 13.5 | 14.1 | 14.1 | 14.5 | 14.7 | 14.7              | 14.9         | 15.1       | 15.3        | 15.8          | 16.3  | 16.8 | 14.9 | 6.2   | 18.3 | 10.9 | 9.7  | 7.4  |    |    |    |
| 26 Q                    | 15.8 | 15.3 | 15.1 | 15.3 | 15.9 | 16.9 | 17.3 | 16.5 | 14.4 | 12.5 | 11.5 | 12.3 | 13.2 | 13.7 | 14.1 | 14.4 | 14.3 | 14.7              | 15.1         | 15.6       | 15.6        | 15.6          | 15.9  | 15.8 | 14.9 | 6.5   | 17.5 | 11.1 | 10.5 | 6.4  |    |    |    |
| 27                      | 15.8 | 15.6 | 15.6 | 15.3 | 16.0 | 16.9 | 16.9 | 15.6 | 12.6 | 11.3 | 11.1 | 13.0 | 12.8 | 13.8 | 16.4 | 18.3 | 19.6 | 20.7              | 19.0         | 18.4       | 18.6        | 17.5          | 17.1  | 16.4 | 16.0 | 17.8  | 22.8 | 10.4 | 10.2 | 12.4 |    |    |    |
| 28                      | 16.4 | 16.4 | 15.3 | 14.9 | 16.5 | 17.1 | 17.3 | 17.1 | 15.3 | 13.8 | 13.2 | 14.1 | 14.5 | 14.7 | 14.9 | 15.3 | 15.4 | 15.8              | 15.8         | 15.9       | 16.1        | 15.3          | 16.0  | 16.9 | 15.6 | 7.0   | 17.5 | 12.5 | 10.2 | 5.0  |    |    |    |
| 29                      | 16.3 | 13.9 | 14.7 | 14.3 | 15.3 | 16.6 | 16.4 | 14.9 | 13.2 | 12.3 | 13.0 | 15.1 | 15.3 | 14.9 | 14.7 | 14.3 | 14.7 | 15.0              | 16.4         | 16.2       | 17.3        | 16.4          | 15.9  | 13.2 | 15.0 | 20.2  | 17.5 | 11.7 | 9.8  | 5.8  |    |    |    |
| 30                      | 15.1 | 15.3 | 14.9 | 13.8 | 15.8 | 16.6 | 17.1 | 16.0 | 14.1 | 13.1 | 12.9 | 13.4 | 15.1 | 14.7 | 15.1 | 15.6 | 15.3 | 18.8              | 20.5         | 21.3       | 19.0        | 20.7          | 16.6  | 18.6 | 16.2 | 19.5  | 22.4 | 12.7 | 10.6 | 9.7  |    |    |    |
| 31                      | 16.6 | 15.8 | 15.7 | 15.6 | 16.6 | 17.1 | 16.8 | 16.0 | 14.7 | 13.6 | 13.2 | 14.1 | 14.3 | 14.3 | 14.5 | 14.9 | 15.6 | 15.8              | 15.8         | 15.6       | 15.6        | 15.6          | 15.8  | 15.8 | 15.4 | 5.9   | 17.2 | 12.9 | 10.6 | 4.3  |    |    |    |
| Среднее по<br>всем дням | 15.7 | 15.3 | 15.3 | 15.5 | 16.7 | 1    |      |      |      |      |      |      |      |      |      |      |      |                   |              |            |             |               |       |      |      |       |      |      |      |      |    |    |    |

Условные обозначения:  $\Delta$  — погасла лампа;  $>$  или  $<$  — запись вышла за бумагу;  $\square$  — остановились часы  
Длинные причины отсутств. записи. Величины, взятые приближенно с магнитограммы — ( )

Обработал А. Шертагани Ц. Н. Проверил Бенситаишвили Ш. А.

Обсерватория Душети (ГГБШМС)Среднемесячн. H = 24050°Элемент Горизонтальная составляющаяМесяц Октябрь год 1986H = 23930° +        =        ° =       

| Время<br>январе            |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | Средн.<br>суточн. | Время<br>так | Maxi<br>тум | Mini<br>тум | время<br>миним | Ампл. |  |  | Сумма |       |
|----------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------------------|--------------|-------------|-------------|----------------|-------|--|--|-------|-------|
| Дни                        | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24  |                   |              |             |             |                |       |  |  |       | Сумма |
| 1                          | 121 | 123 | 123 | 125 | 125 | 123 | 119 | 126 | 138 | 148 | 153 | 150 | 133 | 115 | 102 | 115 | 124 | 123 | 127 | 123 | 124 | 124 | 120 | 119 | 126               | 118          | 163         | 99          | 14.4           | 64    |  |  |       |       |
| 2 D                        | 126 | 126 | 126 | 133 | 123 | 125 | 124 | 126 | 128 | 126 | 123 | 114 | 107 | 99  | 108 | 78  | 126 | 114 | 113 | 111 | 121 | 125 | 121 | 126 | 119               | 16.3         | 139         | 58          | 15.8           | 81    |  |  |       |       |
| 3                          | 119 | 118 | 121 | 121 | 107 | 95  | 97  | 103 | 115 | 119 | 125 | 129 | 126 | 121 | 120 | 120 | 120 | 127 | 129 | 133 | 135 | 131 | 133 | 121 | 120               | 22.1         | 143         | 93          | 5.3            | 50    |  |  |       |       |
| 4                          | 128 | 121 | 121 | 121 | 113 | 109 | 108 | 107 | 114 | 131 | 141 | 142 | 133 | 126 | 123 | 125 | 120 | 126 | 139 | 130 | 127 | 126 | 125 | 127 | 124               | 18.7         | 146         | 103         | 7.0            | 43    |  |  |       |       |
| 5 D                        | 136 | 139 | 137 | 132 | 114 | 102 | 97  | 100 | 109 | 124 | 123 | 108 | 93  | 95  | 108 | 111 | 111 | 126 | 115 | 123 | 143 | 130 | 118 | 118 | 117               | 20.5         | 149         | 88          | 12.8           | 61    |  |  |       |       |
| 6                          | 118 | 123 | 127 | 123 | 123 | 105 | 78  | 71  | 72  | 103 | 120 | 124 | 125 | 123 | 118 | 113 | 113 | 117 | 121 | 123 | 120 | 123 | 121 | 121 | 114               | 2.6          | 131         | 63          | 8.6            | 68    |  |  |       |       |
| 7                          | 121 | 120 | 119 | 121 | 115 | 104 | 99  | 97  | 102 | 113 | 125 | 131 | 132 | 131 | 128 | 126 | 125 | 124 | 126 | 127 | 130 | 129 | 129 | 129 | 121               | 20.3         | 137         | 94          | 7.6            | 43    |  |  |       |       |
| 8                          | 130 | 131 | 131 | 133 | 130 | 121 | 115 | 113 | 117 | 125 | 137 | 144 | 140 | 137 | 124 | 120 | 117 | 123 | 131 | 131 | 131 | 131 | 129 | 126 | 128               | 11.7         | 149         | 110         | 7.3            | 39    |  |  |       |       |
| 9                          | 125 | 127 | 129 | 130 | 127 | 127 | 126 | 127 | 133 | 135 | 133 | 133 | 136 | 133 | 131 | 125 | 123 | 125 | 126 | 124 | 138 | 130 | 131 | 127 | 129               | 20.4         | 143         | 117         | 16.8           | 26    |  |  |       |       |
| 10 Q                       | 121 | 121 | 121 | 123 | 119 | 113 | 111 | 112 | 126 | 133 | 139 | 141 | 141 | 138 | 137 | 135 | 135 | 132 | 131 | 128 | 129 | 133 | 130 | 129 | 128               | 11.8         | 145         | 109         | 6.4            | 36    |  |  |       |       |
| 11 Q                       | 127 | 131 | 132 | 135 | 133 | 130 | 126 | 121 | 125 | 131 | 136 | 138 | 133 | 125 | 121 | 123 | 130 | 131 | 132 | 127 | 127 | 127 | 127 | 133 | 129               | 11.5         | 141         | 115         | 15.1           | 26    |  |  |       |       |
| 12 Q                       | 125 | 131 | 129 | 132 | 131 | 125 | 120 | 120 | 125 | 130 | 137 | 141 | 139 | 135 | 131 | 131 | 131 | 131 | 133 | 132 | 133 | 134 | 135 | 133 | 131               | 11.8         | 143         | 119         | 6.5            | 24    |  |  |       |       |
| 13 D                       | 135 | 138 | 138 | 138 | 136 | 135 | 126 | 121 | 119 | 115 | 127 | 141 | 138 | 131 | 139 | 142 | 138 | 140 | 130 | 113 | 45  | 28  | 61  | 67  | 118               | 15.4         | 169         | -1          | 21.1           | 170   |  |  |       |       |
| 14 D                       | 71  | 71  | 82  | 83  | 79  | 85  | 78  | 82  | 79  | 82  | 84  | 85  | 53  | 83  | 88  | 91  | 98  | 95  | 125 | 115 | 119 | 112 | 115 | 112 | 90                | 18.7         | 141         | 38          | 12.9           | 103   |  |  |       |       |
| 15                         | 113 | 109 | 109 | 113 | 112 | 106 | 94  | 79  | 63  | 79  | 99  | 98  | 104 | 109 | 109 | 115 | 112 | 114 | 126 | 127 | 129 | 112 | 112 | 114 | 106               | 19.9         | 143         | 53          | 8.6            | 90    |  |  |       |       |
| 16                         | 111 | 112 | 115 | 119 | 115 | 106 | 101 | 105 | 109 | 111 | 119 | 117 | 115 | 113 | 115 | 115 | 114 | 115 | 118 | 120 | 126 | 118 | 119 | 125 | 115               | 20.5         | 131         | 97          | 6.9            | 34    |  |  |       |       |
| 17                         | 121 | 127 | 130 | 133 | 129 | 121 | 115 | 107 | 107 | 111 | 119 | 125 | 124 | 123 | 123 | 121 | 124 | 124 | 122 | 122 | 125 | 125 | 142 | 133 | 123               | 22.5         | 149         | 103         | 7.9            | 46    |  |  |       |       |
| 18                         | 132 | 131 | 134 | 139 | 138 | 132 | 126 | 123 | 127 | 136 | 143 | 137 | 120 | 108 | 110 | 109 | 127 | 141 | 133 | 135 | 138 | 129 | 115 | 117 | 128               | 17.0         | 171         | 100         | 13.9           | 71    |  |  |       |       |
| 19 D                       | 123 | 126 | 125 | 124 | 123 | 108 | 108 | 103 | 96  | 113 | 129 | 115 | 71  | 69  | 90  | 101 | 110 | 121 | 127 | 131 | 123 | 117 | 118 | 123 | 112               | 18.9         | 143         | 42          | 12.8           | 101   |  |  |       |       |
| 20                         | 120 | 120 | 119 | 123 | 120 | 113 | 113 | 111 | 107 | 107 | 119 | 120 | 126 | 126 | 108 | 117 | 109 | 121 | 125 | 139 | 125 | 129 | 121 | 123 | 119               | 19.5         | 156         | 89          | 14.8           | 67    |  |  |       |       |
| 21                         | 119 | 120 | 129 | 123 | 121 | 113 | 103 | 108 | 109 | 117 | 115 | 113 | 117 | 111 | 118 | 121 | 125 | 119 | 119 | 119 | 127 | 132 | 126 | 119 | 118               | 2.7          | 139         | 100         | 6.4            | 39    |  |  |       |       |
| 22                         | 121 | 125 | 125 | 123 | 123 | 115 | 109 | 103 | 103 | 112 | 118 | 117 | 125 | 125 | 123 | 123 | 121 | 123 | 126 | 126 | 126 | 125 | 123 | 123 | 120               | 0.9          | 133         | 100         | 8.2            | 33    |  |  |       |       |
| 23                         | 125 | 126 | 126 | 127 | 126 | 122 | 117 | 122 | 123 | 124 | 127 | 130 | 127 | 127 | 127 | 129 | 127 | 127 | 125 | 121 | 119 | 123 | 131 | 125 | 125               | 22.2         | 136         | 115         | 6.7            | 21    |  |  |       |       |
| 24 Q                       | 125 | 125 | 129 | 132 | 132 | 125 | 115 | 115 | 118 | 125 | 130 | 128 | 129 | 126 | 121 | 119 | 119 | 123 | 123 | 126 | 125 | 125 | 129 | 127 | 125               | 3.7          | 135         | 114         | 7.7            | 21    |  |  |       |       |
| 25                         | 127 | 130 | 132 | 131 | 131 | 127 | 130 | 132 | 130 | 129 | 134 | 134 | 135 | 133 | 132 | 133 | 135 | 136 | 139 | 138 | 136 | 135 | 144 | 133 | 133               | 22.4         | 148         | 124         | 5.5            | 24    |  |  |       |       |
| 26 Q                       | 127 | 126 | 131 | 133 | 137 | 133 | 132 | 133 | 135 | 133 | 135 | 136 | 135 | 132 | 131 | 135 | 132 | 121 | 125 | 127 | 129 | 129 | 131 | 129 | 131               | 4.4          | 138         | 117         | 17.8           | 21    |  |  |       |       |
| 27                         | 125 | 125 | 127 | 132 | 133 | 127 | 115 | 119 | 119 | 115 | 117 | 102 | 77  | 51  | 34  | 23  | 42  | 59  | 91  | 81  | 93  | 99  | 102 | 112 | 97                | 3.9          | 138         | 15          | 15.4           | 123   |  |  |       |       |
| 28                         | 103 | 109 | 114 | 113 | 114 | 115 | 111 | 107 | 105 | 109 | 121 | 123 | 121 | 119 | 117 | 116 | 113 | 113 | 114 | 115 | 121 | 125 | 124 | 126 | 115               | 21.7         | 143         | 101         | 0.8            | 42    |  |  |       |       |
| 29                         | 115 | 141 | 147 | 139 | 129 | 127 | 123 | 113 | 111 | 115 | 108 | 103 | 115 | 121 | 124 | 127 | 125 | 124 | 126 | 120 | 115 | 112 | 123 | 148 | 123               | 2.3          | 157         | 93          | 11.4           | 64    |  |  |       |       |
| 30                         | 131 | 120 | 119 | 138 | 133 | 120 | 113 | 113 | 114 | 115 | 119 | 123 | 107 | 109 | 102 | 102 | 105 | 93  | 82  | 78  | 90  | 100 | 117 | 133 | 112               | 23.2         | 149         | 68          | 19.1           | 81    |  |  |       |       |
| 31                         | 114 | 115 | 116 | 113 | 110 | 107 | 108 | 106 | 107 | 108 | 107 | 103 | 102 | 104 | 111 | 113 | 114 | 119 | 123 | 120 | 119 | 121 | 120 | 118 | 112               | 18.3         | 127         | 100         | 12.9           | 27    |  |  |       |       |
| Среднее по<br>всем дням    | 121 | 123 | 125 | 126 | 123 | 117 | 112 | 110 | 112 | 119 | 125 | 124 | 119 | 116 | 115 | 115 | 118 | 120 | 123 | 122 | 122 | 121 | 122 | 123 | 120               |              | 144         | 88          |                | 56    |  |  |       |       |
| Среднее по<br>сп. дням     | 125 | 127 | 128 | 131 | 130 | 125 | 121 | 120 | 126 | 130 | 135 | 137 | 135 | 131 | 128 | 129 | 129 | 128 | 129 | 128 | 129 | 130 | 130 | 130 | 129               |              | 140         | 115         |                | 26    |  |  |       |       |
| Среднее по<br>возмущ. дням | 118 | 120 | 122 | 122 | 115 | 111 | 107 | 106 | 106 | 112 | 117 | 113 | 92  | 95  | 107 | 105 | 117 | 119 | 122 | 119 | 110 | 102 | 107 | 109 | 111               |              | 148         | 45          |                | 103   |  |  |       |       |
| Сумма по<br>всем дням      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                   |              |             |             |                |       |  |  |       |       |
| Сумма по<br>сп. дням       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                   |              |             |             |                |       |  |  |       |       |
| Сумма по<br>возмущ. дням   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                   |              |             |             |                |       |  |  |       |       |

Условные обозначения:  $\Delta$  — погасла лампа;  $>$  или  $<$  — запись вышла за бумагу;  $\square$  — остановились часы  
 $\Delta$  иные причины отсутств. записи. Величины, взятые приближенно с магнитограммы — ( )

Обработал А. Шертагини В. Н.Проверил Э. Бремидзе М. А.

Обсерватория Душети (Жилили)Среднемесячн.  $\bar{I} = 42203^{\pm}$ Элемент Вертикальная составляющаяМесяц Октябрь год 1986 $\bar{I} = 42150^{\pm}$  + = ° =

| Время<br>жировое           |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | Средн.<br>суточн. | Время<br>тах | Max<br>tun | Mini<br>tun | время<br>minim | Ампл. |    |  | Сумма |    |
|----------------------------|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------------------|--------------|------------|-------------|----------------|-------|----|--|-------|----|
|                            | Дни | 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |                   |              |            |             |                |       |    |  |       | 24 |
| 1                          | 54  | 53 | 54 | 57 | 62 | 65 | 61 | 54 | 48 | 45 | 46 | 49 | 52 | 54 | 55 | 55 | 55 | 55 | 54 | 55 | 54 | 55 | 55 | 55 | 54                | 57.1         | 66         | 44          | 9.4            | 22    |    |  |       |    |
| 2 D                        | 54  | 54 | 54 | 55 | 60 | 57 | 49 | 42 | 42 | 45 | 44 | 46 | 50 | 54 | 54 | 63 | 58 | 60 | 60 | 59 | 58 | 56 | 56 | 55 | 54                | 15.8         | 68         | 40          | 7.9            | 28    |    |  |       |    |
| 3                          | 54  | 54 | 54 | 55 | 56 | 55 | 51 | 48 | 47 | 49 | 45 | 48 | 51 | 53 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 52 | 53 | 52 | 4.9               | 57           | 44         | 10.7        | 13             |       |    |  |       |    |
| 4                          | 52  | 53 | 53 | 55 | 58 | 56 | 50 | 44 | 39 | 41 | 47 | 52 | 54 | 55 | 53 | 53 | 55 | 54 | 53 | 54 | 55 | 55 | 54 | 54 | 52                | 4.9          | 59         | 37          | 8.5            | 22    |    |  |       |    |
| 5 D                        | 53  | 51 | 49 | 53 | 56 | 52 | 37 | 28 | 28 | 33 | 39 | 49 | 59 | 60 | 56 | 56 | 58 | 55 | 56 | 55 | 52 | 52 | 54 | 54 | 50                | 13.3         | 61         | 26          | 8.1            | 35    |    |  |       |    |
| 6                          | 54  | 53 | 54 | 57 | 59 | 62 | 62 | 56 | 48 | 45 | 46 | 53 | 58 | 57 | 54 | 56 | 57 | 57 | 57 | 56 | 56 | 55 | 55 | 54 | 55                | 6.2          | 63         | 45          | 9.2            | 18    |    |  |       |    |
| 7                          | 54  | 54 | 56 | 58 | 61 | 62 | 60 | 52 | 47 | 48 | 50 | 52 | 56 | 55 | 52 | 53 | 54 | 55 | 54 | 54 | 54 | 54 | 53 | 53 | 54                | 5.6          | 63         | 45          | 8.9            | 18    |    |  |       |    |
| 8                          | 52  | 52 | 52 | 55 | 58 | 57 | 51 | 43 | 39 | 41 | 43 | 46 | 49 | 51 | 52 | 55 | 56 | 56 | 55 | 55 | 55 | 55 | 54 | 55 | 52                | 4.9          | 59         | 38          | 8.2            | 21    |    |  |       |    |
| 9                          | 54  | 54 | 54 | 55 | 58 | 59 | 54 | 48 | 45 | 47 | 48 | 54 | 56 | 55 | 54 | 56 | 56 | 56 | 56 | 57 | 55 | 55 | 55 | 54 | 54                | 5.2          | 60         | 44          | 8.5            | 16    |    |  |       |    |
| 10 Q                       | 54  | 54 | 54 | 55 | 58 | 59 | 52 | 40 | 32 | 33 | 38 | 47 | 51 | 52 | 52 | 53 | 53 | 54 | 54 | 55 | 55 | 54 | 54 | 54 | 51                | 5.2          | 60         | 30          | 8.4            | 30    |    |  |       |    |
| 11 Q                       | 54  | 53 | 53 | 53 | 55 | 56 | 52 | 40 | 28 | 33 | 39 | 47 | 53 | 54 | 54 | 55 | 55 | 55 | 56 | 56 | 55 | 55 | 55 | 54 | 51                | 5.2          | 57         | 27          | 8.5            | 30    |    |  |       |    |
| 12 Q                       | 54  | 53 | 53 | 54 | 56 | 58 | 55 | 45 | 37 | 36 | 43 | 49 | 50 | 51 | 52 | 53 | 54 | 54 | 54 | 55 | 54 | 54 | 53 | 53 | 51                | 5.9          | 59         | 36          | 9.2            | 23    |    |  |       |    |
| 13 D                       | 53  | 52 | 52 | 54 | 59 | 60 | 55 | 48 | 46 | 47 | 49 | 51 | 52 | 52 | 50 | 52 | 54 | 55 | 58 | 61 | 69 | 71 | 67 | 67 | 56                | 21.1         | 74         | 43          | 8.3            | 31    |    |  |       |    |
| 14 D                       | 66  | 66 | 64 | 67 | 68 | 67 | 64 | 56 | 53 | 53 | 56 | 59 | 66 | 64 | 63 | 64 | 63 | 63 | 59 | 59 | 58 | 58 | 57 | 57 | 61                | 4.2          | 70         | 51          | 8.1            | 19    |    |  |       |    |
| 15                         | 56  | 57 | 57 | 59 | 63 | 65 | 61 | 54 | 51 | 51 | 53 | 57 | 57 | 58 | 58 | 58 | 59 | 58 | 57 | 56 | 55 | 56 | 56 | 56 | 57                | 5.6          | 66         | 48          | 8.9            | 18    |    |  |       |    |
| 16                         | 56  | 56 | 56 | 57 | 60 | 61 | 56 | 46 | 44 | 47 | 48 | 51 | 54 | 56 | 56 | 57 | 67 | 57 | 56 | 56 | 55 | 55 | 55 | 54 | 54                | 5.6          | 62         | 41          | 8.0            | 21    |    |  |       |    |
| 17                         | 54  | 54 | 52 | 54 | 58 | 58 | 55 | 45 | 39 | 39 | 43 | 50 | 54 | 56 | 54 | 56 | 55 | 55 | 55 | 55 | 55 | 52 | 52 | 52 | 52                | 5.6          | 59         | 38          | 8.4            | 21    |    |  |       |    |
| 18                         | 52  | 52 | 52 | 53 | 57 | 59 | 55 | 45 | 36 | 36 | 41 | 49 | 53 | 54 | 54 | 56 | 55 | 54 | 54 | 53 | 51 | 51 | 53 | 52 | 51                | 5.7          | 60         | 34          | 9.0            | 26    |    |  |       |    |
| 19 D                       | 52  | 52 | 51 | 53 | 58 | 62 | 56 | 48 | 47 | 42 | 46 | 56 | 64 | 64 | 61 | 62 | 60 | 58 | 56 | 56 | 56 | 56 | 55 | 54 | 55                | 12.8         | 69         | 41          | 9.5            | 28    |    |  |       |    |
| 20                         | 54  | 54 | 54 | 55 | 57 | 60 | 57 | 52 | 50 | 45 | 45 | 50 | 53 | 54 | 56 | 56 | 58 | 56 | 56 | 54 | 55 | 53 | 54 | 53 | 54                | 5.2          | 60         | 44          | 9.4            | 16    |    |  |       |    |
| 21                         | 54  | 53 | 52 | 54 | 57 | 59 | 56 | 49 | 45 | 42 | 43 | 52 | 54 | 55 | 55 | 55 | 56 | 56 | 56 | 56 | 55 | 53 | 53 | 53 | 53                | 5.5          | 59         | 39          | 9.9            | 20    |    |  |       |    |
| 22                         | 53  | 52 | 52 | 53 | 56 | 56 | 52 | 44 | 38 | 36 | 40 | 48 | 52 | 53 | 53 | 53 | 54 | 54 | 54 | 54 | 53 | 53 | 53 | 53 | 51                | 5.2          | 57         | 35          | 9.1            | 22    |    |  |       |    |
| 23                         | 52  | 52 | 52 | 53 | 56 | 54 | 50 | 41 | 37 | 39 | 45 | 50 | 53 | 53 | 53 | 53 | 53 | 53 | 54 | 54 | 54 | 54 | 52 | 53 | 51                | 4.5          | 57         | 36          | 8.2            | 21    |    |  |       |    |
| 24 Q                       | 51  | 51 | 51 | 51 | 55 | 56 | 54 | 42 | 36 | 33 | 41 | 48 | 52 | 51 | 52 | 53 | 53 | 52 | 53 | 52 | 52 | 53 | 52 | 51 | 50                | 5.9          | 57         | 32          | 9.5            | 25    |    |  |       |    |
| 25                         | 51  | 51 | 51 | 51 | 54 | 56 | 51 | 42 | 37 | 42 | 46 | 53 | 54 | 52 | 52 | 51 | 50 | 51 | 50 | 50 | 51 | 51 | 50 | 50 | 50                | 5.5          | 57         | 36          | 8.3            | 21    |    |  |       |    |
| 26 Q                       | 51  | 51 | 51 | 51 | 51 | 60 | 46 | 40 | 33 | 33 | 38 | 46 | 49 | 50 | 50 | 50 | 51 | 53 | 53 | 53 | 53 | 52 | 51 | 51 | 48                | 17.8         | 55         | 31          | 8.9            | 24    |    |  |       |    |
| 27                         | 50  | 51 | 51 | 50 | 50 | 48 | 47 | 40 | 34 | 37 | 44 | 53 | 60 | 65 | 69 | 76 | 75 | 72 | 67 | 68 | 66 | 64 | 63 | 60 | 57                | 15.4         | 77         | 33          | 8.4            | 44    |    |  |       |    |
| 28                         | 61  | 59 | 60 | 59 | 59 | 59 | 55 | 51 | 48 | 47 | 47 | 53 | 56 | 56 | 56 | 58 | 58 | 59 | 59 | 59 | 58 | 57 | 56 | 54 | 56                | 0.6          | 62         | 45          | 9.8            | 17    |    |  |       |    |
| 29                         | 56  | 53 | 52 | 54 | 56 | 55 | 53 | 49 | 47 | 48 | 55 | 61 | 62 | 58 | 57 | 57 | 58 | 57 | 57 | 58 | 58 | 59 | 56 | 53 | 55                | 12.3         | 64         | 45          | 8.9            | 19    |    |  |       |    |
| 30                         | 53  | 54 | 55 | 55 | 56 | 58 | 54 | 47 | 45 | 46 | 50 | 54 | 58 | 58 | 59 | 60 | 60 | 62 | 63 | 64 | 64 | 61 | 58 | 53 | 56                | 19.1         | 65         | 44          | 8.2            | 21    |    |  |       |    |
| 31                         | 57  | 57 | 58 | 59 | 61 | 61 | 59 | 54 | 51 | 49 | 51 | 57 | 61 | 61 | 60 | 60 | 60 | 59 | 58 | 59 | 59 | 58 | 58 | 58 | 58                | 13.0         | 62         | 48          | 9.6            | 14    |    |  |       |    |
| Среднее по<br>всем дням    | 54  | 54 | 54 | 55 | 58 | 58 | 54 | 46 | 42 | 42 | 45 | 51 | 55 | 56 | 55 | 56 | 56 | 56 | 56 | 56 | 56 | 55 | 54 | 53 |                   |              | 62         | 39          |                | 23    |    |  |       |    |
| Среднее по<br>сп. дням     | 53  | 52 | 52 | 53 | 55 | 56 | 52 | 41 | 33 | 34 | 40 | 47 | 51 | 52 | 52 | 53 | 53 | 54 | 54 | 54 | 54 | 54 | 53 | 53 | 50                |              |            | 58          | 31             |       | 26 |  |       |    |
| Среднее по<br>возмущ. дням | 56  | 55 | 54 | 56 | 60 | 60 | 52 | 44 | 43 | 44 | 47 | 52 | 58 | 59 | 57 | 59 | 59 | 58 | 58 | 58 | 59 | 59 | 58 | 57 | 55                |              |            | 68          | 40             |       | 28 |  |       |    |
| Сумма по<br>всем дням      |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                   |              |            |             |                |       |    |  |       |    |
| Сумма по<br>сп. дням       |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                   |              |            |             |                |       |    |  |       |    |
| Сумма по<br>возмущ. дням   |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                   |              |            |             |                |       |    |  |       |    |

Условные обозначения:  $\Delta$  — погасла лампа;  $>$  или  $<$  — запись вышла за бумагу;  $\square$  — остановились часы  
Длинные причины отсутств. записи. Величины, взятые приближенно с магнитограммы — ( )Обработал А. Зоткишвили Н.Проверил А. Вердзениш Н. К.

Обсерватория Душети (Тбилиси)Среднемесячн.  $\delta = 5^{\circ}08'3$ Элемент СклонениеМесяц Ноябрь год 1986 $\delta$  =  $4^{\circ}53'0$  +        =        ° =       

| Время<br>жировое        |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | Средн.<br>суточн. | Время<br>тах | Max<br>tut | Mini<br>tut | время<br>minim | Ампл. |      |      | Сумма |      |      |      |      |    |    |    |
|-------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------------------|--------------|------------|-------------|----------------|-------|------|------|-------|------|------|------|------|----|----|----|
|                         | Дни  | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   |                   |              |            |             |                |       |      |      |       | 17   | 18   | 19   | 20   | 21 | 22 | 23 |
| 1                       | 16.1 | 15.5 | 13.2 | 14.9 | 14.3 | 15.3 | 16.4 | 14.7 | 13.8 | 13.5 | 13.8 | 14.7 | 14.5 | 14.3 | 14.3 | 14.3 | 14.7 | 14.7              | 15.1         | 15.2       | 15.3        | 15.4           | 15.3  | 15.1 | 14.8 | 6.4   | 16.8 | 12.5 | 2.8  | 4.3  |    |    |    |
| 2                       | 15.1 | 15.1 | 15.1 | 15.6 | 16.2 | 17.3 | 17.1 | 15.1 | 13.0 | 11.9 | 12.3 | 13.2 | 14.3 | 14.1 | 14.1 | 14.5 | 14.5 | 15.1              | 15.6         | 15.1       | 14.9        | 15.1           | 14.9  | 14.7 | 14.7 | 5.9   | 17.7 | 11.5 | 9.8  | 6.2  |    |    |    |
| 3D                      | 14.7 | 14.6 | 14.6 | 14.3 | 14.5 | 15.6 | 16.9 | 16.0 | 14.3 | 12.9 | 12.2 | 13.0 | 13.8 | 14.3 | 14.5 | 14.5 | 14.9 | 15.9              | 17.1         | 16.4       | 15.6        | 15.1           | 15.1  | 14.5 | 14.8 | 18.4  | 18.1 | 9.6  | 23.9 | 8.5  |    |    |    |
| 4D                      | 4.2  | 11.3 | 12.3 | 12.3 | 13.5 | 14.9 | 17.7 | 18.3 | 16.7 | 15.3 | 14.5 | 14.7 | 16.4 | 17.3 | 18.9 | 17.7 | 20.4 | 23.5              | 25.6         | 24.6       | 21.8        | 19.4           | 17.2  | 16.1 | 16.9 | 18.3  | 27.6 | 1.8  | 0.7  | 25.8 |    |    |    |
| 5D                      | 15.3 | 13.6 | 15.1 | 11.5 | 13.6 | 16.6 | 19.0 | 17.9 | 16.6 | 15.0 | 14.5 | 14.1 | 14.2 | 15.2 | 15.8 | 16.0 | 16.3 | 17.1              | 17.1         | 16.6       | 17.1        | 16.6           | 16.2  | 16.0 | 15.7 | 6.9   | 19.4 | 10.8 | 3.9  | 8.6  |    |    |    |
| 6                       | 16.4 | 16.0 | 16.2 | 16.2 | 16.9 | 17.9 | 17.7 | 16.9 | 15.1 | 13.4 | 13.0 | 13.8 | 14.5 | 14.4 | 15.0 | 14.7 | 14.9 | 15.3              | 19.0         | 19.0       | 19.0        | 17.3           | 17.1  | 15.5 | 16.0 | 18.6  | 20.5 | 12.9 | 10.9 | 7.6  |    |    |    |
| 7                       | 15.8 | 14.5 | 15.0 | 15.0 | 15.5 | 16.2 | 16.2 | 15.8 | 14.9 | 13.8 | 13.8 | 14.7 | 14.9 | 14.7 | 14.9 | 15.0 | 14.9 | 15.3              | 15.8         | 15.9       | 16.0        | 16.0           | 15.8  | 15.2 | 15.2 | 5.6   | 16.4 | 13.6 | 9.9  | 2.8  |    |    |    |
| 8Q                      | 15.5 | 15.3 | 15.5 | 15.6 | 16.2 | 17.1 | 17.3 | 16.4 | 14.9 | 13.3 | 12.6 | 13.0 | 13.8 | 14.5 | 14.7 | 14.7 | 15.6 | 15.2              | 15.6         | 15.8       | 16.0        | 15.9           | 15.8  | 16.0 | 15.3 | 6.1   | 17.5 | 12.1 | 10.2 | 5.4  |    |    |    |
| 9Q                      | 15.8 | 15.3 | 15.6 | 15.1 | 15.0 | 15.3 | 16.0 | 15.6 | 14.3 | 14.1 | 13.8 | 13.9 | 14.7 | 15.1 | 14.9 | 14.9 | 15.2 | 15.3              | 15.6         | 15.8       | 15.8        | 15.6           | 15.3  | 15.2 | 15.1 | 6.3   | 16.2 | 13.5 | 10.9 | 2.7  |    |    |    |
| 10                      | 14.9 | 15.1 | 15.3 | 14.9 | 15.1 | 16.0 | 16.0 | 15.6 | 14.5 | 13.6 | 13.4 | 13.6 | 14.2 | 14.7 | 14.7 | 14.7 | 14.6 | 14.7              | 15.0         | 15.0       | 16.0        | 16.9           | 16.5  | 15.8 | 15.0 | 21.4  | 17.2 | 13.3 | 10.9 | 3.9  |    |    |    |
| 11                      | 15.5 | 15.0 | 15.3 | 14.8 | 14.3 | 14.9 | 15.8 | 15.8 | 14.5 | 13.2 | 13.6 | 14.1 | 14.7 | 15.2 | 15.3 | 15.5 | 15.8 | 17.1              | 16.2         | 16.2       | 16.1        | 15.9           | 15.6  | 16.2 | 15.3 | 17.3  | 17.3 | 12.6 | 9.7  | 4.7  |    |    |    |
| 12                      | 16.4 | 14.5 | 15.3 | 15.3 | 15.8 | 17.1 | 18.3 | 17.3 | 15.3 | 13.4 | 13.4 | 13.6 | 14.2 | 14.3 | 14.7 | 15.1 | 15.1 | 15.6              | 15.3         | 15.6       | 15.8        | 15.8           | 15.6  | 15.6 | 15.4 | 6.4   | 18.6 | 13.0 | 9.9  | 5.6  |    |    |    |
| 13                      | 14.9 | 14.7 | 14.7 | 14.7 | 15.1 | 16.2 | 16.9 | 16.0 | 14.7 | 12.8 | 11.9 | 12.3 | 13.5 | 14.1 | 14.7 | 15.3 | 15.0 | 15.4              | 16.4         | 16.0       | 16.0        | 15.8           | 15.6  | 15.3 | 14.9 | 6.2   | 17.8 | 11.7 | 10.3 | 6.1  |    |    |    |
| 14                      | 14.7 | 14.0 | 14.1 | 13.9 | 14.5 | 15.8 | 17.1 | 17.1 | 15.5 | 13.0 | 12.6 | 13.0 | 13.7 | 13.9 | 14.3 | 14.7 | 14.9 | 15.1              | 15.6         | 15.6       | 15.8        | 16.0           | 15.6  | 15.3 | 14.8 | 7.2   | 17.4 | 12.2 | 10.3 | 5.2  |    |    |    |
| 15                      | 14.5 | 13.2 | 12.8 | 13.3 | 14.1 | 15.5 | 16.2 | 16.0 | 14.7 | 13.3 | 12.3 | 12.8 | 13.2 | 13.4 | 13.4 | 14.3 | 14.7 | 16.9              | 16.9         | 16.2       | 17.1        | 17.1           | 16.9  | 16.5 | 14.8 | 21.0  | 17.9 | 12.0 | 10.3 | 5.9  |    |    |    |
| 16                      | 15.6 | 14.9 | 14.5 | 14.8 | 14.9 | 15.8 | 16.4 | 16.3 | 15.2 | 13.4 | 12.8 | 13.5 | 13.8 | 13.8 | 14.7 | 18.5 | 17.7 | 16.0              | 16.2         | 16.0       | 16.0        | 16.4           | 16.0  | 15.2 | 15.4 | 15.3  | 19.6 | 12.3 | 10.7 | 7.3  |    |    |    |
| 17                      | 15.1 | 14.9 | 14.7 | 14.7 | 14.9 | 16.5 | 17.1 | 16.1 | 14.7 | 13.8 | 13.3 | 14.1 | 14.5 | 14.5 | 14.3 | 14.5 | 15.4 | 15.1              | 15.6         | 15.8       | 15.9        | 15.3           | 15.1  | 14.7 | 15.0 | 6.3   | 17.4 | 13.0 | 10.6 | 4.4  |    |    |    |
| 18                      | 14.3 | 14.3 | 14.5 | 14.5 | 15.1 | 16.2 | 16.2 | 15.1 | 14.5 | 13.5 | 13.5 | 14.3 | 14.7 | 14.7 | 15.0 | 14.9 | 15.0 | 15.2              | 15.8         | 15.6       | 15.8        | 15.8           | 15.2  | 14.7 | 14.9 | 5.8   | 16.8 | 12.9 | 10.1 | 3.9  |    |    |    |
| 19Q                     | 14.5 | 14.3 | 14.5 | 14.7 | 14.9 | 15.8 | 15.6 | 14.5 | 13.6 | 13.0 | 13.4 | 13.6 | 14.3 | 14.5 | 14.5 | 14.3 | 14.7 | 14.9              | 15.8         | 15.6       | 16.5        | 16.6           | 16.0  | 14.9 | 14.8 | 21.1  | 17.1 | 12.6 | 9.4  | 4.5  |    |    |    |
| 20                      | 14.3 | 13.8 | 14.3 | 14.9 | 15.1 | 15.8 | 16.0 | 14.7 | 13.2 | 12.2 | 11.9 | 12.9 | 14.1 | 14.7 | 14.9 | 14.7 | 15.0 | 15.1              | 15.3         | 15.6       | 15.3        | 15.2           | 14.7  | 14.5 | 14.5 | 6.3   | 16.2 | 11.7 | 10.2 | 4.5  |    |    |    |
| 21Q                     | 14.0 | 13.8 | 13.8 | 14.0 | 14.6 | 15.7 | 16.1 | 15.5 | 14.2 | 12.7 | 12.0 | 12.9 | 13.7 | 14.1 | 14.2 | 14.2 | 14.3 | 14.8              | 14.9         | 15.1       | 15.1        | 15.2           | 14.9  | 14.4 | 14.3 | 6.2   | 16.3 | 11.8 | 10.7 | 4.5  |    |    |    |
| 22Q                     | 14.2 | 13.7 | 13.8 | 14.0 | 14.3 | 15.1 | 15.9 | 15.0 | 13.7 | 12.9 | 12.7 | 13.3 | 14.0 | 14.5 | 14.6 | 14.5 | 14.5 | 14.6              | 14.8         | 15.0       | 15.0        | 15.2           | 15.1  | 14.8 | 14.4 | 6.5   | 16.1 | 12.5 | 10.6 | 3.6  |    |    |    |
| 23                      | 14.4 | 14.0 | 14.0 | 14.2 | 14.5 | 14.8 | 15.0 | 13.7 | 13.1 | 12.8 | 13.4 | 14.0 | 14.2 | 14.2 | 14.2 | 14.4 | 14.6 | 14.4              | 15.7         | 16.9       | 16.9        | 17.4           | 19.3  | 18.0 | 14.9 | 23.3  | 21.2 | 12.5 | 9.3  | 8.7  |    |    |    |
| 24D                     | 15.7 | 11.0 | 13.3 | 12.3 | 11.0 | 13.3 | 14.0 | 12.9 | 12.8 | 12.5 | 12.5 | 14.9 | 15.0 | 14.5 | 14.4 | 14.4 | 14.8 | 17.0              | 23.0         | 21.9       | 23.6        | 20.4           | 21.1  | 19.6 | 15.7 | 20.7  | 25.9 | 8.4  | 1.8  | 17.5 |    |    |    |
| 25D                     | 17.0 | 14.6 | 14.0 | 13.5 | 14.0 | 14.9 | 16.3 | 16.3 | 14.4 | 14.4 | 15.2 | 15.0 | 16.8 | 17.0 | 20.8 | 21.9 | 21.3 | 24.2              | 27.4         | 23.8       | 20.8        | 19.5           | 17.0  | 14.4 | 17.8 | 18.7  | 31.2 | 12.7 | 23.9 | 18.5 |    |    |    |
| 26                      | 13.5 | 16.1 | 15.2 | 13.5 | 14.2 | 15.2 | 16.2 | 15.5 | 15.0 | 15.7 | 14.4 | 14.6 | 17.7 | 15.9 | 16.2 | 17.2 | 20.4 | 17.4              | 17.0         | 16.8       | 16.6        | 16.2           | 15.9  | 15.5 | 15.9 | 16.4  | 23.3 | 11.9 | 0.5  | 11.4 |    |    |    |
| 27                      | 14.8 | 14.4 | 13.5 | 14.6 | 14.9 | 16.3 | 16.2 | 15.9 | 15.1 | 14.0 | 13.7 | 14.4 | 15.2 | 15.7 | 15.9 | 16.8 | 16.1 | 15.9              | 16.1         | 16.0       | 15.8        | 15.8           | 15.7  | 15.3 | 15.3 | 15.7  | 17.3 | 13.1 | 2.7  | 4.2  |    |    |    |
| 28                      | 15.2 | 15.0 | 15.0 | 15.0 | 15.2 | 15.9 | 16.4 | 15.7 | 14.8 | 14.2 | 13.9 | 14.4 | 15.0 | 15.2 | 15.3 | 15.5 | 15.5 | 16.1              | 17.4         | 16.3       | 15.8        | 15.5           | 15.2  | 14.8 | 15.3 | 18.8  | 18.5 | 13.7 | 10.9 | 4.8  |    |    |    |
| 29                      | 14.6 | 14.6 | 13.8 | 14.6 | 14.8 | 15.7 | 15.9 | 15.2 | 14.8 | 14.4 | 14.2 | 14.4 | 14.6 | 14.2 | 16.1 | 16.1 | 18.7 | 18.8              | 18.0         | 16.8       | 17.6        | 18.2           | 17.4  | 16.2 | 15.8 | 16.9  | 20.8 | 13.3 | 2.5  | 7.5  |    |    |    |
| 30                      | 15.7 | 15.4 | 15.4 | 15.0 | 15.0 | 15.5 | 15.5 | 15.0 | 14.5 | 13.3 | 13.3 | 14.6 | 15.2 | 15.5 | 16.7 | 18.2 | 20.5 | 18.0              | 17.1         | 18.5       | 17.6        | 16.8           | 16.3  | 14.0 | 16.0 | 16.5  | 25.5 | 12.8 | 23.8 | 12.7 |    |    |    |
| 31                      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                   |              |            |             |                |       |      |      |       |      |      |      |      |    |    |    |
| Среднее по<br>всем дням | 14.8 | 14.4 | 14.5 | 14.4 | 14.7 | 15.8 | 16.4 | 15.7 | 14.5 | 13.5 | 13.3 | 13.8 | 14.6 | 14.8 | 15.2 | 15.5 | 16.1 | 16.3              | 17.1         | 16.8       | 16.8        | 16.4           | 16.1  | 15.5 | 15.3 |       | 19.3 | 11.9 |      | 7.4  |    |    |    |
| Среднее по<br>сп. дням  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                   |              |            |             |                |       |      |      |       |      |      |      |      |    |    |    |

Условные обозначения:  $\Delta$  — погасла лампа;  $>$  или  $<$  — запись вышла за бумагу;  $\square$  — остановились часы  
Длинные причины отсутств. записи. Величины, взятые приближенно с магнитограммы — ( )

Обработал А. Шермадини И. Н. Проверил Бетситавилии Ш. Н.

Обсерватория Душети (ГГШШШШ)Среднемесячн. H = 24045<sup>+</sup>Элемент Горизонтальная составляющаяМесяц Ноябрь год 1986H = 23930<sup>+</sup> + = ° =

| Время<br>мировое           |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | Средн.<br>суточн. | Время<br>тах | Max<br>тум | Mini<br>тум | время<br>minim | Ампл. |     |     | Сумма          |     |     |                 |     |
|----------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------------------|--------------|------------|-------------|----------------|-------|-----|-----|----------------|-----|-----|-----------------|-----|
| Дни                        | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18                | 19           | 20         | 21          | 22             | 23    | 24  |     |                |     |     |                 |     |
| 1                          | 119 | 115 | 135 | 131 | 128 | 121 | 108 | 113 | 113 | 107 | 107 | 109 | 115 | 116 | 119 | 125 | 127 | 127               | 126          | 128        | 129         | 131            | 133   | 132 | 121 | 2 <sup>9</sup> | 149 | 102 | 10 <sup>0</sup> | 47  |
| 2                          | 131 | 131 | 131 | 135 | 136 | 129 | 131 | 128 | 131 | 126 | 133 | 138 | 137 | 131 | 127 | 126 | 128 | 129               | 133          | 133        | 135         | 127            | 131   | 133 | 131 | 20.4           | 143 | 119 | 21.5            | 24  |
| 3 D                        | 133 | 131 | 132 | 143 | 138 | 139 | 133 | 133 | 131 | 128 | 128 | 124 | 129 | 127 | 128 | 127 | 120 | 129               | 131          | 119        | 119         | 126            | 126   | 139 | 130 | 23.9           | 207 | 113 | 19.2            | 94  |
| 4 D                        | 197 | 167 | 109 | 109 | 89  | 119 | 96  | 79  | 95  | 65  | 21  | 31  | 49  | 53  | 21  | 31  | 25  | 60                | 36           | 60         | 78          | 71             | 71    | 78  | 75  | 0.6            | 213 | -9  | 10.7            | 222 |
| 5 D                        | 91  | 109 | 99  | 89  | 89  | 85  | 75  | 77  | 71  | 75  | 84  | 89  | 91  | 93  | 97  | 96  | 96  | 99                | 111          | 108        | 105         | 102            | 111   | 119 | 94  | 23.4           | 123 | 66  | 8.9             | 57  |
| 6                          | 107 | 99  | 108 | 108 | 108 | 105 | 103 | 109 | 112 | 115 | 114 | 109 | 108 | 109 | 113 | 109 | 113 | 113               | 126          | 120        | 96          | 103            | 107   | 115 | 110 | 18.9           | 138 | 89  | 20.7            | 49  |
| 7                          | 109 | 113 | 115 | 118 | 123 | 125 | 127 | 127 | 125 | 125 | 124 | 121 | 119 | 119 | 117 | 115 | 114 | 115               | 115          | 115        | 116         | 119            | 121   | 125 | 119 | 6.7            | 129 | 105 | 0.8             | 24  |
| 8 Q                        | 122 | 114 | 115 | 116 | 120 | 123 | 121 | 124 | 123 | 120 | 122 | 121 | 120 | 119 | 120 | 117 | 120 | 121               | 119          | 120        | 121         | 121            | 121   | 121 | 120 | 7.8            | 127 | 109 | 1.5             | 18  |
| 9 Q                        | 117 | 121 | 123 | 125 | 131 | 131 | 131 | 133 | 127 | 127 | 125 | 122 | 116 | 118 | 120 | 119 | 121 | 123               | 123          | 123        | 124         | 124            | 125   | 125 | 124 | 7.6            | 135 | 113 | 12.7            | 22  |
| 10                         | 125 | 125 | 125 | 125 | 131 | 135 | 139 | 139 | 132 | 127 | 125 | 125 | 125 | 127 | 132 | 133 | 136 | 136               | 133          | 139        | 132         | 117            | 115   | 127 | 129 | 19.5           | 150 | 113 | 22.1            | 37  |
| 11                         | 125 | 133 | 139 | 145 | 123 | 123 | 119 | 108 | 108 | 110 | 107 | 102 | 105 | 107 | 110 | 107 | 101 | 102               | 107          | 109        | 117         | 113            | 114   | 113 | 114 | 3.4            | 155 | 95  | 11.9            | 60  |
| 12                         | 105 | 114 | 119 | 126 | 125 | 113 | 112 | 109 | 107 | 105 | 109 | 113 | 115 | 116 | 114 | 114 | 115 | 120               | 122          | 122        | 121         | 121            | 121   | 119 | 116 | 3.9            | 129 | 101 | 0.9             | 28  |
| 13                         | 119 | 125 | 126 | 129 | 137 | 143 | 144 | 139 | 131 | 131 | 131 | 133 | 127 | 125 | 108 | 105 | 113 | 117               | 115          | 137        | 123         | 121            | 125   | 125 | 126 | 6.3            | 147 | 103 | 15.6            | 44  |
| 14                         | 125 | 131 | 127 | 132 | 139 | 143 | 142 | 137 | 136 | 135 | 131 | 128 | 129 | 130 | 129 | 129 | 129 | 128               | 125          | 125        | 130         | 125            | 125   | 121 | 130 | 5.9            | 146 | 121 | 19.9            | 25  |
| 15                         | 123 | 134 | 135 | 139 | 139 | 136 | 127 | 120 | 123 | 131 | 132 | 135 | 140 | 137 | 107 | 82  | 73  | 89                | 114          | 119        | 113         | 137            | 125   | 115 | 122 | 21.3           | 148 | 65  | 16.7            | 83  |
| 16                         | 115 | 119 | 117 | 119 | 125 | 127 | 127 | 125 | 126 | 126 | 127 | 127 | 131 | 124 | 111 | 110 | 118 | 111               | 117          | 120        | 133         | 127            | 125   | 125 | 122 | 20.7           | 139 | 102 | 15.0            | 37  |
| 17                         | 125 | 116 | 121 | 123 | 131 | 133 | 133 | 127 | 123 | 127 | 129 | 130 | 135 | 133 | 125 | 123 | 123 | 124               | 121          | 125        | 127         | 126            | 129   | 132 | 127 | 12.8           | 138 | 112 | 1.5             | 26  |
| 18                         | 131 | 130 | 132 | 134 | 135 | 133 | 127 | 125 | 125 | 126 | 129 | 129 | 130 | 126 | 125 | 125 | 125 | 126               | 127          | 126        | 125         | 121            | 127   | 126 | 128 | 4.5            | 139 | 120 | 21.9            | 19  |
| 19 Q                       | 126 | 128 | 130 | 132 | 135 | 137 | 133 | 131 | 131 | 133 | 133 | 135 | 134 | 135 | 135 | 133 | 127 | 126               | 127          | 125        | 133         | 129            | 121   | 120 | 130 | 5.2            | 138 | 115 | 23.3            | 23  |
| 20                         | 124 | 130 | 129 | 131 | 127 | 130 | 126 | 120 | 120 | 126 | 131 | 133 | 135 | 134 | 134 | 133 | 131 | 128               | 126          | 128        | 126         | 132            | 131   | 129 | 129 | 21.3           | 139 | 117 | 7.8             | 22  |
| 21 Q                       | 129 | 129 | 133 | 137 | 138 | 137 | 133 | 129 | 127 | 133 | 139 | 139 | 142 | 143 | 142 | 138 | 133 | 129               | 127          | 129        | 129         | 129            | 129   | 132 | 134 | 13.6           | 145 | 125 | 8.3             | 20  |
| 22 Q                       | 133 | 133 | 137 | 141 | 144 | 149 | 143 | 135 | 132 | 133 | 139 | 142 | 141 | 140 | 138 | 137 | 136 | 135               | 134          | 133        | 129         | 131            | 128   | 127 | 136 | 5.5            | 151 | 125 | 23.6            | 26  |
| 23                         | 130 | 132 | 132 | 134 | 137 | 137 | 136 | 132 | 132 | 139 | 145 | 150 | 151 | 144 | 137 | 136 | 137 | 130               | 121          | 119        | 121         | 121            | 97    | 101 | 131 | 12.4           | 155 | 83  | 22.2            | 72  |
| 24 D                       | 109 | 114 | 125 | 109 | 116 | 126 | 108 | 107 | 101 | 119 | 132 | 119 | 121 | 121 | 119 | 93  | 58  | 42                | 37           | 53         | 91          | 95             | 83    | 91  | 100 | 10.7           | 147 | 18  | 18.0            | 129 |
| 25 D                       | 95  | 91  | 91  | 89  | 87  | 69  | 69  | 53  | 66  | 71  | 82  | 55  | 23  | 3   | -11 | 7   | 5   | 6                 | 21           | 51         | 53          | 56             | 65    | 77  | 53  | 0.1            | 107 | -18 | 14.3            | 125 |
| 26                         | 87  | 85  | 85  | 97  | 95  | 91  | 80  | 75  | 78  | 74  | 73  | 71  | 65  | 89  | 84  | 79  | 89  | 83                | 96           | 95         | 96          | 97             | 99    | 101 | 86  | 23.9           | 104 | 55  | 12.4            | 49  |
| 27                         | 104 | 114 | 113 | 119 | 109 | 109 | 97  | 84  | 80  | 87  | 90  | 87  | 101 | 107 | 103 | 101 | 103 | 102               | 105          | 106        | 107         | 107            | 108   | 108 | 102 | 3.2            | 121 | 77  | 8.7             | 44  |
| 28                         | 111 | 111 | 111 | 116 | 116 | 115 | 109 | 101 | 101 | 106 | 107 | 106 | 110 | 111 | 109 | 103 | 103 | 107               | 113          | 114        | 109         | 112            | 115   | 115 | 110 | 18.7           | 121 | 96  | 8.1             | 25  |
| 29                         | 114 | 114 | 115 | 123 | 118 | 117 | 109 | 102 | 102 | 103 | 107 | 108 | 107 | 97  | 75  | 49  | 68  | 79                | 83           | 91         | 97          | 95             | 101   | 102 | 99  | 3.4            | 125 | 45  | 15.6            | 80  |
| 30                         | 105 | 108 | 110 | 114 | 117 | 115 | 114 | 103 | 97  | 101 | 103 | 101 | 77  | 71  | 68  | 59  | 87  | 83                | 85           | 91         | 87          | 93             | 96    | 137 | 97  | 23.8           | 166 | 55  | 15.4            | 111 |
| 31                         |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                   |              |            |             |                |       |     |     |                |     |     |                 |     |
| Среднее по<br>всем дням    | 120 | 121 | 121 | 123 | 123 | 123 | 118 | 114 | 114 | 114 | 115 | 114 | 114 | 114 | 109 | 105 | 106 | 107               | 109          | 113        | 114         | 114            | 114   | 118 | 115 |                | 142 | 88  |                 | 55  |
| Среднее по<br>сп. дням     | 125 | 125 | 128 | 130 | 134 | 135 | 132 | 130 | 128 | 129 | 132 | 132 | 131 | 131 | 131 | 129 | 127 | 127               | 126          | 126        | 127         | 127            | 125   | 125 | 129 |                | 139 | 117 |                 | 22  |
| Среднее по<br>возмущ. дням | 125 | 122 | 111 | 108 | 104 | 108 | 96  | 90  | 93  | 92  | 89  | 84  | 83  | 79  | 71  | 71  | 61  | 66                | 67           | 78         | 89          | 90             | 91    | 101 | 90  |                | 159 | 34  |                 | 125 |
| Сумма по<br>всем дням      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                   |              |            |             |                |       |     |     |                |     |     |                 |     |
| Сумма по<br>сп. дням       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                   |              |            |             |                |       |     |     |                |     |     |                 |     |
| Сумма по<br>возмущ. дням   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                   |              |            |             |                |       |     |     |                |     |     |                 |     |

Условные обозначения:  $\Delta$  — погасла лампа;  $>$  или  $<$  — запись вышла за бумагу;  $\square$  — остановились часы  
 $\Delta$  иные причины отсутств. записи. Величины, взятые приближенно с магнитограммы — ( )

Обработал Шертагини И. Н.Проверил Дигебашивили И. Г.

Обсерватория Думети (Абшиши)Среднемесячн.  $\bar{I} = 42.207^\circ$ Элемент Вертикальная составляющаяМесяц Ноябрь год 1986 $\bar{I} = 42.150^\circ + \quad = \quad = \quad$ 

| Время<br>коровое           |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | Средн.<br>суточн. | Время<br>тах | Max<br>тит | Mini<br>тит | время<br>minim | Ампл. |  |  | Сумма |    |
|----------------------------|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------------------|--------------|------------|-------------|----------------|-------|--|--|-------|----|
|                            | Дни | 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |                   |              |            |             |                |       |  |  |       | 24 |
| 1                          | 56  | 56 | 54 | 54 | 58 | 58 | 56 | 49 | 50 | 54 | 56 | 55 | 56 | 55 | 56 | 56 | 56 | 57 | 58 | 57 | 56 | 56 | 55 | 55 | 55                | 5.1          | 59         | 48          | 7.9            | 11    |  |  |       |    |
| 2                          | 55  | 54 | 54 | 54 | 55 | 55 | 49 | 44 | 41 | 43 | 47 | 51 | 53 | 53 | 54 | 55 | 55 | 56 | 56 | 56 | 55 | 56 | 55 | 54 | 52                | 17.9         | 57         | 40          | 8.7            | 17    |  |  |       |    |
| 3 D                        | 54  | 54 | 54 | 54 | 58 | 60 | 56 | 51 | 48 | 48 | 50 | 54 | 56 | 54 | 54 | 56 | 56 | 56 | 55 | 57 | 56 | 56 | 55 | 53 | 54                | 5.7          | 61         | 47          | 9.2            | 14    |  |  |       |    |
| 4 D                        | 46  | 45 | 51 | 53 | 60 | 59 | 61 | 59 | 55 | 62 | 70 | 72 | 76 | 78 | 82 | 81 | 83 | 78 | 80 | 75 | 70 | 69 | 68 | 66 | 67                | 16.7         | 85         | 43          | 1.6            | 42    |  |  |       |    |
| 5 D                        | 65  | 60 | 61 | 66 | 66 | 64 | 60 | 56 | 55 | 56 | 56 | 61 | 63 | 64 | 63 | 64 | 64 | 64 | 62 | 62 | 62 | 61 | 59 | 57 | 61                | 4.1          | 68         | 54          | 8.7            | 14    |  |  |       |    |
| 6                          | 58  | 58 | 58 | 60 | 60 | 58 | 55 | 49 | 46 | 45 | 48 | 54 | 57 | 59 | 59 | 60 | 59 | 60 | 58 | 59 | 61 | 60 | 59 | 57 | 57                | 20.6         | 62         | 44          | 9.2            | 18    |  |  |       |    |
| 7                          | 58  | 57 | 56 | 56 | 56 | 55 | 52 | 50 | 46 | 48 | 53 | 56 | 56 | 56 | 57 | 58 | 58 | 58 | 58 | 58 | 57 | 56 | 55 | 55 | 55                | 19.6         | 59         | 44          | 8.6            | 15    |  |  |       |    |
| 8 Q                        | 54  | 56 | 56 | 56 | 57 | 56 | 51 | 44 | 37 | 36 | 41 | 48 | 53 | 55 | 55 | 56 | 56 | 57 | 57 | 57 | 57 | 56 | 56 | 55 | 53                | 4.9          | 58         | 35          | 9.1            | 23    |  |  |       |    |
| 9 Q                        | 56  | 54 | 54 | 54 | 54 | 54 | 51 | 46 | 46 | 44 | 46 | 51 | 54 | 54 | 56 | 57 | 56 | 56 | 56 | 56 | 56 | 56 | 55 | 55 | 53                | 15.7         | 58         | 42          | 9.8            | 16    |  |  |       |    |
| 10                         | 55  | 54 | 54 | 54 | 56 | 57 | 53 | 50 | 49 | 52 | 56 | 56 | 55 | 55 | 54 | 54 | 53 | 54 | 54 | 54 | 55 | 56 | 56 | 54 | 54                | 5.3          | 58         | 48          | 8.7            | 10    |  |  |       |    |
| 11                         | 54  | 52 | 51 | 51 | 58 | 55 | 52 | 52 | 48 | 52 | 54 | 56 | 58 | 59 | 60 | 60 | 61 | 61 | 60 | 60 | 58 | 58 | 58 | 58 | 56                | 16.5         | 62         | 47          | 8.6            | 15    |  |  |       |    |
| 12                         | 58  | 57 | 56 | 56 | 59 | 63 | 60 | 58 | 54 | 55 | 57 | 58 | 60 | 60 | 60 | 60 | 60 | 59 | 59 | 59 | 58 | 58 | 57 | 57 | 58                | 5.2          | 64         | 52          | 8.7            | 12    |  |  |       |    |
| 13                         | 57  | 56 | 56 | 55 | 56 | 54 | 50 | 45 | 40 | 36 | 43 | 49 | 55 | 56 | 58 | 59 | 59 | 59 | 60 | 56 | 57 | 57 | 56 | 55 | 54                | 18.8         | 61         | 35          | 9.6            | 26    |  |  |       |    |
| 14                         | 56  | 54 | 54 | 54 | 54 | 54 | 50 | 44 | 37 | 37 | 41 | 48 | 52 | 53 | 55 | 54 | 55 | 55 | 56 | 56 | 54 | 54 | 54 | 54 | 51                | 18.5         | 57         | 35          | 9.1            | 22    |  |  |       |    |
| 15                         | 54  | 53 | 53 | 52 | 53 | 55 | 53 | 49 | 46 | 44 | 47 | 51 | 52 | 53 | 58 | 63 | 66 | 66 | 63 | 62 | 61 | 56 | 56 | 56 | 55                | 16.8         | 69         | 44          | 9.1            | 25    |  |  |       |    |
| 16                         | 56  | 56 | 56 | 57 | 58 | 59 | 57 | 57 | 51 | 50 | 51 | 54 | 56 | 56 | 58 | 59 | 58 | 60 | 59 | 59 | 56 | 55 | 55 | 55 | 56                | 17.1         | 62         | 49          | 9.1            | 13    |  |  |       |    |
| 17                         | 54  | 56 | 55 | 55 | 55 | 54 | 48 | 45 | 46 | 48 | 51 | 54 | 54 | 54 | 56 | 57 | 57 | 58 | 58 | 58 | 57 | 56 | 56 | 54 | 54                | 18.2         | 59         | 44          | 7.3            | 15    |  |  |       |    |
| 18                         | 54  | 54 | 54 | 54 | 56 | 57 | 55 | 52 | 51 | 52 | 55 | 54 | 53 | 54 | 55 | 56 | 56 | 56 | 56 | 57 | 56 | 56 | 55 | 55 | 55                | 19.5         | 58         | 50          | 8.5            | 8     |  |  |       |    |
| 19 Q                       | 56  | 55 | 55 | 55 | 56 | 58 | 56 | 52 | 48 | 47 | 52 | 54 | 54 | 54 | 54 | 54 | 56 | 56 | 56 | 57 | 56 | 54 | 54 | 54 | 54                | 5.8          | 59         | 46          | 9.1            | 13    |  |  |       |    |
| 20                         | 54  | 54 | 54 | 54 | 55 | 53 | 49 | 45 | 46 | 48 | 51 | 54 | 55 | 54 | 54 | 54 | 54 | 55 | 55 | 55 | 55 | 54 | 54 | 53 | 53                | 20.2         | 57         | 44          | 7.6            | 13    |  |  |       |    |
| 21 Q                       | 53  | 54 | 53 | 53 | 53 | 54 | 51 | 47 | 45 | 43 | 46 | 51 | 52 | 52 | 52 | 52 | 53 | 54 | 55 | 55 | 54 | 54 | 53 | 52 | 52                | 19.4         | 56         | 42          | 9.3            | 14    |  |  |       |    |
| 22 Q                       | 52  | 52 | 52 | 51 | 51 | 54 | 52 | 48 | 48 | 48 | 49 | 51 | 52 | 52 | 52 | 53 | 53 | 53 | 54 | 54 | 54 | 54 | 54 | 54 | 52                | 19.1         | 56         | 47          | 8.1            | 9     |  |  |       |    |
| 23                         | 52  | 53 | 53 | 52 | 53 | 53 | 51 | 48 | 45 | 46 | 48 | 49 | 50 | 50 | 52 | 53 | 53 | 55 | 57 | 56 | 55 | 55 | 57 | 59 | 52                | 23.7         | 62         | 44          | 9.4            | 18    |  |  |       |    |
| 24 D                       | 57  | 57 | 54 | 57 | 56 | 55 | 58 | 57 | 59 | 59 | 58 | 60 | 59 | 58 | 58 | 63 | 70 | 54 | 78 | 75 | 66 | 61 | 58 | 57 | 60                | 18.1         | 81         | 52          | 2.3            | 29    |  |  |       |    |
| 25 D                       | 58  | 60 | 61 | 63 | 64 | 66 | 65 | 65 | 64 | 64 | 66 | 72 | 76 | 81 | 87 | 85 | 87 | 88 | 83 | 75 | 73 | 72 | 70 | 68 | 71                | 17.8         | 90         | 55          | 0.1            | 35    |  |  |       |    |
| 26                         | 66  | 66 | 68 | 68 | 70 | 72 | 74 | 71 | 70 | 70 | 73 | 74 | 74 | 71 | 70 | 71 | 69 | 70 | 68 | 68 | 67 | 66 | 65 | 65 | 69                | 12.5         | 75         | 64          | 23.6           | 11    |  |  |       |    |
| 27                         | 65  | 64 | 64 | 62 | 64 | 64 | 62 | 60 | 58 | 62 | 64 | 67 | 67 | 66 | 66 | 66 | 65 | 65 | 64 | 64 | 64 | 63 | 63 | 63 | 64                | 11.7         | 69         | 57          | 8.5            | 12    |  |  |       |    |
| 28                         | 62  | 62 | 62 | 62 | 63 | 64 | 64 | 64 | 64 | 63 | 64 | 66 | 66 | 64 | 64 | 64 | 64 | 64 | 63 | 62 | 62 | 62 | 61 | 61 | 63                | 11.9         | 67         | 60          | 23.9           | 7     |  |  |       |    |
| 29                         | 61  | 61 | 61 | 60 | 63 | 65 | 64 | 64 | 63 | 61 | 60 | 62 | 64 | 65 | 68 | 73 | 72 | 71 | 71 | 69 | 67 | 67 | 65 | 65 | 65                | 15.9         | 75         | 59          | 10.2           | 16    |  |  |       |    |
| 30                         | 64  | 64 | 63 | 63 | 64 | 63 | 59 | 62 | 62 | 63 | 64 | 66 | 69 | 70 | 72 | 74 | 71 | 72 | 70 | 69 | 68 | 66 | 65 | 58 | 66                | 15.2         | 75         | 54          | 23.8           | 21    |  |  |       |    |
| 31                         |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                   |              |            |             |                |       |  |  |       |    |
| Среднее по<br>всем дням    | 57  | 56 | 56 | 56 | 58 | 58 | 56 | 53 | 51 | 51 | 54 | 57 | 59 | 59 | 60 | 61 | 61 | 61 | 61 | 61 | 59 | 59 | 58 | 57 | 57                |              | 65         | 48          |                | 17    |  |  |       |    |
| Среднее по<br>сп. дням     | 54  | 54 | 54 | 54 | 54 | 55 | 52 | 47 | 45 | 44 | 47 | 51 | 53 | 53 | 54 | 54 | 55 | 55 | 56 | 56 | 55 | 55 | 54 | 54 | 53                |              | 57         | 42          |                | 15    |  |  |       |    |
| Среднее по<br>возмущ. дням | 56  | 55 | 56 | 59 | 61 | 61 | 60 | 58 | 56 | 58 | 60 | 64 | 66 | 67 | 69 | 70 | 72 | 68 | 72 | 69 | 65 | 64 | 62 | 60 | 63                |              | 77         | 50          |                | 27    |  |  |       |    |
| Сумма по<br>всем дням      |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                   |              |            |             |                |       |  |  |       |    |
| Сумма по<br>сп. дням       |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                   |              |            |             |                |       |  |  |       |    |
| Сумма по<br>возмущ. дням   |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                   |              |            |             |                |       |  |  |       |    |

Условные обозначения:  $\Delta$  — погасла лампа;  $>$  или  $<$  — запись вышла за бумагу;  $\square$  — остановились часы

Длинные причины отсутств. записи. Величины, взятые приближенно с магнитограммы — ( )

Обработал А. Зотикшивили Н.Проверил А. Вердзеели Н. С. Ж.

Месяц Декабрь год 1986  $D = 4^{\circ}53'.0 + = \text{ }^{\circ}$

| Время<br>жировое        |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | Средн.<br>суточн. | Время<br>тах | Max<br>tum | Mini<br>tum | время<br>minim | Ампл. |      |      | Сумма |      |      |      |      |  |  |
|-------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------------------|--------------|------------|-------------|----------------|-------|------|------|-------|------|------|------|------|--|--|
| Дни                     | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 18                | 19           | 20         | 21          | 22             | 23    | 24   |      |       |      |      |      |      |  |  |
| 1 D                     | 13.8 | 14.2 | 14.6 | 14.8 | 14.9 | 15.2 | 15.1 | 15.4 | 15.5 | 14.4 | 14.0 | 14.2 | 15.0 | 15.1 | 15.0 | 15.5 | 16.5 | 15.7              | 15.3         | 15.4       | 15.2        | 15.2           | 15.0  | 14.6 | 15.0 | 16.6  | 17.4 | 12.2 | 0.8  | 5.2  |  |  |
| 2                       | 14.2 | 13.7 | 13.7 | 14.2 | 14.6 | 15.5 | 15.8 | 15.7 | 15.0 | 13.3 | 13.7 | 14.6 | 15.0 | 15.7 | 16.1 | 15.9 | 15.3 | 15.7              | 15.5         | 15.7       | 15.5        | 15.5           | 14.6  | 15.0 | 14.9 | 17.0  | 13.0 | 9.5  | 4.0  |      |  |  |
| 3                       | 14.2 | 14.8 | 14.6 | 14.4 | 14.9 | 16.0 | 16.3 | 15.9 | 14.8 | 14.6 | 14.8 | 15.1 | 15.0 | 15.1 | 16.5 | 15.5 | 15.2 | 15.3              | 15.8         | 15.8       | 15.4        | 15.2           | 14.4  | 14.5 | 15.2 | 14.7  | 17.1 | 13.7 | 0.1  | 3.4  |  |  |
| 4                       | 14.8 | 14.4 | 14.0 | 14.2 | 15.0 | 15.5 | 15.2 | 15.0 | 14.2 | 13.7 | 14.1 | 14.6 | 15.0 | 14.6 | 14.3 | 14.2 | 14.6 | 15.0              | 15.5         | 17.4       | 17.3        | 17.0           | 16.5  | 16.4 | 15.1 | 19.5  | 18.2 | 13.6 | 9.6  | 4.6  |  |  |
| 5 Q                     | 15.0 | 15.0 | 15.1 | 15.0 | 15.5 | 16.3 | 15.5 | 15.0 | 14.2 | 13.8 | 13.7 | 13.8 | 14.0 | 14.6 | 14.8 | 15.0 | 15.0 | 15.2              | 15.2         | 15.5       | 15.5        | 15.1           | 14.2  | 14.9 | 5.9  | 16.5  | 13.4 | 10.5 | 3.1  |      |  |  |
| 6                       | 14.0 | 13.3 | 14.0 | 13.7 | 14.4 | 15.1 | 14.8 | 14.4 | 13.6 | 13.0 | 13.2 | 13.6 | 13.7 | 14.2 | 14.4 | 14.4 | 14.4 | 14.6              | 14.8         | 15.2       | 15.5        | 15.3           | 14.8  | 14.4 | 14.3 | 20.6  | 15.7 | 12.7 | 9.7  | 3.0  |  |  |
| 7                       | 14.4 | 14.0 | 14.1 | 14.2 | 14.8 | 15.3 | 15.0 | 14.4 | 14.0 | 13.3 | 13.7 | 13.7 | 13.7 | 14.4 | 14.6 | 15.2 | 15.0 | 15.0              | 15.5         | 15.5       | 15.6        | 15.5           | 14.7  | 14.6 | 14.6 | 20.7  | 15.8 | 12.9 | 9.5  | 2.9  |  |  |
| 8 Q                     | 14.2 | 14.4 | 14.4 | 14.6 | 15.2 | 15.5 | 15.0 | 14.6 | 14.0 | 13.7 | 13.6 | 13.6 | 14.2 | 14.8 | 15.0 | 14.9 | 14.8 | 14.6              | 15.0         | 15.7       | 15.8        | 15.7           | 14.9  | 14.6 | 14.7 | 20.8  | 16.1 | 13.3 | 11.4 | 2.8  |  |  |
| 9                       | 14.0 | 13.5 | 13.7 | 14.2 | 15.1 | 15.9 | 15.5 | 14.8 | 14.0 | 13.2 | 12.9 | 13.1 | 14.0 | 14.3 | 14.3 | 14.2 | 14.6 | 15.1              | 15.5         | 15.7       | 16.5        | 16.3           | 16.3  | 15.9 | 14.7 | 20.8  | 17.0 | 12.8 | 10.6 | 4.2  |  |  |
| 10                      | 15.2 | 14.8 | 14.2 | 14.8 | 14.8 | 16.5 | 16.5 | 15.7 | 14.2 | 13.5 | 13.6 | 14.2 | 14.6 | 15.3 | 14.9 | 14.9 | 14.9 | 17.6              | 18.0         | 17.6       | 17.0        | 14.8           | 15.1  | 15.2 | 15.3 | 17.7  | 19.2 | 13.1 | 9.3  | 6.1  |  |  |
| 11                      | 15.1 | 14.4 | 12.7 | 14.0 | 14.6 | 15.7 | 16.4 | 15.9 | 15.7 | 15.0 | 14.4 | 13.8 | 14.6 | 14.2 | 14.7 | 14.4 | 15.5 | 15.5              | 15.5         | 15.8       | 15.7        | 15.1           | 14.4  | 14.9 | 6.7  | 16.5  | 11.9 | 2.6  | 4.6  |      |  |  |
| 12                      | 14.2 | 14.2 | 14.4 | 14.4 | 15.0 | 16.1 | 16.8 | 15.7 | 14.4 | 12.9 | 12.7 | 13.2 | 13.6 | 14.2 | 14.4 | 14.4 | 14.4 | 14.6              | 15.9         | 16.3       | 16.8        | 15.5           | 14.6  | 14.9 | 14.7 | 20.1  | 17.0 | 12.4 | 10.1 | 4.6  |  |  |
| 13                      | 14.0 | 13.5 | 13.3 | 13.5 | 14.0 | 14.8 | 15.1 | 15.0 | 15.0 | 14.4 | 13.7 | 13.8 | 14.6 | 14.8 | 14.4 | 14.2 | 14.6 | 14.6              | 16.3         | 16.5       | 17.2        | 18.2           | 21.0  | 19.5 | 15.2 | 22.2  | 22.1 | 12.9 | 2.9  | 9.2  |  |  |
| 14 D                    | 16.3 | 14.8 | 14.4 | 14.0 | 14.0 | 14.4 | 14.9 | 15.2 | 15.0 | 15.5 | 14.6 | 14.0 | 14.6 | 15.4 | 15.7 | 15.5 | 15.7 | 16.1              | 16.4         | 18.8       | 16.1        | 15.5           | 15.5  | 15.5 | 15.3 | 19.7  | 20.4 | 13.1 | 4.5  | 7.3  |  |  |
| 15 Q                    | 15.3 | 15.3 | 14.8 | 14.6 | 14.6 | 15.5 | 16.3 | 15.9 | 15.9 | 15.9 | 15.5 | 14.9 | 14.6 | 15.0 | 15.5 | 15.2 | 15.5 | 15.1              | 15.0         | 15.3       | 15.3        | 14.8           | 14.4  | 14.0 | 15.2 | 6.8   | 16.5 | 13.6 | 23.9 | 2.9  |  |  |
| 16                      | 13.6 | 13.1 | 13.3 | 14.1 | 14.1 | 14.3 | 14.4 | 14.2 | 14.2 | 14.3 | 15.5 | 15.0 | 14.6 | 14.6 | 14.6 | 18.2 | 15.7 | 15.0              | 15.4         | 15.8       | 16.0        | 15.5           | 15.2  | 15.0 | 14.8 | 15.6  | 20.8 | 12.2 | 1.5  | 8.6  |  |  |
| 17                      | 14.8 | 14.6 | 14.6 | 14.5 | 14.6 | 14.6 | 14.8 | 14.6 | 14.2 | 13.7 | 13.7 | 13.7 | 14.1 | 14.2 | 14.2 | 14.3 | 15.7 | 14.8              | 15.0         | 15.7       | 15.7        | 16.0           | 15.7  | 15.2 | 14.7 | 16.8  | 16.5 | 13.4 | 9.8  | 3.1  |  |  |
| 18                      | 15.0 | 14.6 | 14.5 | 14.4 | 14.4 | 14.9 | 15.0 | 14.8 | 14.0 | 13.1 | 13.3 | 13.7 | 14.2 | 14.2 | 14.4 | 14.2 | 14.0 | 14.2              | 14.5         | 15.0       | 17.0        | 17.0           | 16.1  | 15.2 | 14.7 | 20.4  | 18.0 | 12.8 | 9.9  | 5.2  |  |  |
| 19                      | 14.8 | 14.8 | 14.8 | 14.8 | 14.8 | 15.2 | 15.5 | 14.9 | 13.7 | 12.8 | 12.8 | 13.5 | 14.6 | 14.8 | 15.0 | 14.8 | 14.8 | 15.0              | 15.2         | 15.7       | 16.1        | 16.7           | 16.1  | 15.2 | 14.8 | 21.9  | 17.5 | 12.5 | 9.7  | 5.0  |  |  |
| 20                      | 15.0 | 15.0 | 14.8 | 14.6 | 14.4 | 15.3 | 15.4 | 14.8 | 14.4 | 13.4 | 13.9 | 14.2 | 14.4 | 14.6 | 14.6 | 14.7 | 14.8 | 14.6              | 14.6         | 14.8       | 15.0        | 15.2           | 15.0  | 15.0 | 14.7 | 6.1   | 15.7 | 13.1 | 9.5  | 2.6  |  |  |
| 21                      | 14.4 | 14.8 | 14.4 | 14.2 | 14.2 | 14.7 | 14.9 | 14.4 | 13.7 | 13.4 | 13.5 | 13.5 | 13.4 | 13.7 | 13.7 | 14.6 | 14.6 | 14.8              | 15.5         | 15.9       | 17.0        | 16.5           | 15.9  | 14.0 | 14.6 | 20.9  | 17.7 | 12.7 | 23.2 | 5.0  |  |  |
| 22 D                    | 14.8 | 14.5 | 14.0 | 12.7 | 13.4 | 14.5 | 15.0 | 15.2 | 15.2 | 14.8 | 14.4 | 14.0 | 14.4 | 14.4 | 15.0 | 19.3 | 17.5 | 17.0              | 16.0         | 16.8       | 16.8        | 15.8           | 14.8  | 14.6 | 15.2 | 15.2  | 20.4 | 12.2 | 3.7  | 8.2  |  |  |
| 23 D                    | 14.3 | 14.2 | 14.4 | 14.4 | 15.0 | 14.8 | 14.6 | 15.0 | 14.8 | 15.0 | 15.8 | 15.0 | 13.8 | 19.3 | 17.0 | 15.7 | 16.6 | 17.4              | 16.7         | 16.8       | 16.1        | 16.8           | 13.3  | 14.4 | 15.5 | 13.9  | 22.3 | 11.9 | 22.3 | 10.4 |  |  |
| 24                      | 14.3 | 13.7 | 12.7 | 13.5 | 14.4 | 15.7 | 16.1 | 15.5 | 14.9 | 14.3 | 14.4 | 14.8 | 15.2 | 15.5 | 15.7 | 15.7 | 15.7 | 16.1              | 17.6         | 18.5       | 17.2        | 15.7           | 15.5  | 14.8 | 15.3 | 19.6  | 19.0 | 11.9 | 2.7  | 7.1  |  |  |
| 25                      | 14.2 | 14.0 | 13.7 | 14.0 | 13.3 | 12.7 | 15.4 | 15.4 | 15.1 | 14.6 | 14.8 | 14.4 | 14.4 | 14.8 | 15.2 | 16.3 | 15.9 | 15.5              | 15.4         | 15.3       | 15.3        | 15.2           | 14.2  | 14.4 | 14.7 | 15.7  | 16.8 | 11.9 | 5.2  | 4.9  |  |  |
| 26 D                    | 14.9 | 14.8 | 14.4 | 13.7 | 14.4 | 15.2 | 16.5 | 16.5 | 15.2 | 13.7 | 13.7 | 13.5 | 14.2 | 15.3 | 15.5 | 15.5 | 16.3 | 16.4              | 15.7         | 16.5       | 15.7        | 15.9           | 15.9  | 14.2 | 15.2 | 17.0  | 17.8 | 13.1 | 10.1 | 4.7  |  |  |
| 27                      | 13.3 | 12.5 | 13.7 | 14.2 | 14.6 | 15.9 | 17.0 | 16.6 | 15.2 | 14.6 | 13.7 | 13.7 | 14.2 | 14.6 | 14.8 | 16.5 | 15.5 | 15.0              | 15.0         | 15.1       | 15.2        | 15.9           | 16.1  | 14.8 | 14.9 | 15.6  | 17.4 | 11.6 | 1.1  | 5.8  |  |  |
| 28 Q                    | 14.6 | 14.5 | 14.2 | 14.6 | 14.9 | 15.9 | 16.1 | 15.9 | 15.2 | 14.4 | 13.7 | 14.1 | 14.9 | 15.1 | 15.1 | 15.0 | 15.2 | 15.0              | 14.9         | 15.0       | 15.0        | 15.0           | 14.8  | 14.8 | 14.9 | 6.1   | 16.3 | 13.4 | 10.4 | 2.9  |  |  |
| 29 Q                    | 14.6 | 13.7 | 14.2 | 14.2 | 14.4 | 15.5 | 16.1 | 15.2 | 14.6 | 13.1 | 13.0 | 13.5 | 14.2 | 14.5 | 14.5 | 14.6 | 14.8 | 15.0              | 14.9         | 14.8       | 14.9        | 15.0           | 14.8  | 14.6 | 14.5 | 6.3   | 16.4 | 12.6 | 10.2 | 3.8  |  |  |
| 30                      | 14.2 | 14.0 | 13.9 | 13.7 | 14.4 | 15.2 | 16.1 | 15.7 | 14.6 | 13.3 | 13.3 | 14.0 | 14.8 | 14.8 | 15.2 | 15.0 | 14.9 | 15.1              | 15.5         | 16.1       | 15.7        | 14.8           | 15.0  | 14.9 | 14.8 | 19.9  | 16.5 | 13.1 | 9.7  | 3.4  |  |  |
| 31                      | 14.8 | 14.4 | 14.0 | 14.0 | 14.6 | 15.3 | 15.5 | 15.0 | 13.7 | 13.1 | 13.5 | 14.4 | 14.6 | 14.9 | 15.0 | 14.7 | 15.5 | 15.5              | 15.2         | 15.3       | 15.2        | 15.2           | 14.8  | 14.6 | 14.7 | 6.4   | 15.9 | 13.0 | 9.8  | 2.9  |  |  |
| Среднее по<br>всем дням | 14.5 | 14.2 | 14.1 | 14.2 | 14.6 | 15.3 | 15.6 | 15.2 | 14.6 | 13.9 | 13.9 | 14.0 | 14.4 | 14.9 | 15.0 | 15.2 | 15.3 | 15.3              | 15.6         | 16.0       | 16.0        | 15.7           | 15.4  | 14.9 | 14.9 |       | 17.7 | 12.8 |      | 4.9  |  |  |
| Среднее по<br>сп. дням  | 14.7 | 14.6 | 14.5 | 14.6 | 14.9 | 15.7 | 15.8 | 15.3 |      |      |      |      |      |      |      |      |      |                   |              |            |             |                |       |      |      |       |      |      |      |      |  |  |

Обсерватория Душети (Губини)

Среднемесячн.  $H = 24053^+$

Элемент Горизонтальная составляющая

Месяц Декабрь год 1986

$H = 23930^+$  + =                     

| Время<br>мировое           |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | Средн.<br>суточн. | Время<br>тах | Maxi<br>tum | Mini<br>tum | время<br>mini m | Ампл. |     |      | Сумма |     |      |    |    |    |    |
|----------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------------------|--------------|-------------|-------------|-----------------|-------|-----|------|-------|-----|------|----|----|----|----|
|                            | Дни | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  |                   |              |             |             |                 |       |     |      |       | 18  | 19   | 20 | 21 | 22 | 23 |
| 1 D                        | 114 | 124 | 116 | 112 | 120 | 118 | 105 | 100 | 106 | 90  | 92  | 96  | 101 | 108 | 109 | 99  | 95  | 98  | 125               | 116          | 115         | 119         | 121             | 122   | 109 | 18.6 | 134   | 82  | 9.6  | 52 |    |    |    |
| 2                          | 124 | 129 | 132 | 126 | 122 | 118 | 112 | 103 | 101 | 103 | 102 | 98  | 98  | 99  | 105 | 114 | 112 | 110 | 113               | 115          | 113         | 118         | 118             | 116   | 113 | 2.1  | 136   | 93  | 12.5 | 43 |    |    |    |
| 3                          | 125 | 121 | 124 | 126 | 128 | 123 | 114 | 112 | 110 | 108 | 113 | 112 | 107 | 106 | 108 | 106 | 106 | 112 | 115               | 116          | 116         | 115         | 124             | 122   | 115 | 4.0  | 131   | 100 | 15.7 | 31 |    |    |    |
| 4                          | 118 | 120 | 125 | 130 | 131 | 127 | 122 | 119 | 122 | 125 | 125 | 122 | 122 | 124 | 132 | 126 | 121 | 120 | 113               | 113          | 108         | 119         | 114             | 109   | 121 | 14.3 | 136   | 98  | 20.8 | 38 |    |    |    |
| 5 Q                        | 116 | 124 | 124 | 124 | 124 | 122 | 118 | 114 | 116 | 116 | 114 | 118 | 120 | 126 | 128 | 127 | 127 | 129 | 127               | 130          | 127         | 126         | 126             | 130   | 123 | 23.3 | 135   | 112 | 7.4  | 23 |    |    |    |
| 6                          | 131 | 132 | 129 | 137 | 137 | 132 | 127 | 128 | 126 | 126 | 126 | 132 | 134 | 136 | 131 | 130 | 130 | 132 | 132               | 128          | 124         | 124         | 126             | 128   | 130 | 3.9  | 140   | 120 | 20.4 | 20 |    |    |    |
| 7                          | 124 | 129 | 132 | 138 | 145 | 143 | 131 | 137 | 142 | 131 | 133 | 131 | 126 | 119 | 112 | 107 | 115 | 118 | 123               | 124          | 125         | 126         | 128             | 126   | 128 | 4.8  | 148   | 101 | 15.4 | 47 |    |    |    |
| 8 Q                        | 130 | 129 | 130 | 131 | 137 | 136 | 132 | 132 | 131 | 131 | 133 | 136 | 138 | 137 | 136 | 131 | 128 | 126 | 118               | 118          | 116         | 116         | 118             | 119   | 129 | 12.6 | 141   | 112 | 18.9 | 29 |    |    |    |
| 9                          | 124 | 127 | 135 | 135 | 134 | 131 | 127 | 129 | 124 | 120 | 126 | 137 | 144 | 144 | 143 | 137 | 120 | 124 | 125               | 124          | 125         | 124         | 124             | 120   | 129 | 13.1 | 149   | 110 | 20.4 | 39 |    |    |    |
| 10                         | 120 | 122 | 143 | 136 | 132 | 130 | 124 | 122 | 126 | 122 | 123 | 119 | 118 | 119 | 124 | 130 | 126 | 119 | 110               | 106          | 108         | 131         | 120             | 118   | 123 | 2.5  | 150   | 96  | 19.4 | 54 |    |    |    |
| 11                         | 116 | 119 | 124 | 132 | 136 | 132 | 122 | 119 | 120 | 128 | 127 | 119 | 114 | 115 | 114 | 120 | 126 | 124 | 128               | 131          | 126         | 125         | 124             | 126   | 124 | 4.3  | 137   | 112 | 12.3 | 25 |    |    |    |
| 12                         | 124 | 126 | 126 | 128 | 130 | 133 | 128 | 124 | 122 | 126 | 126 | 126 | 131 | 136 | 138 | 137 | 130 | 120 | 118               | 116          | 113         | 122         | 128             | 120   | 126 | 14.9 | 145   | 111 | 20.7 | 34 |    |    |    |
| 13                         | 122 | 129 | 132 | 137 | 144 | 146 | 143 | 130 | 120 | 121 | 125 | 127 | 130 | 122 | 126 | 134 | 132 | 130 | 118               | 118          | 119         | 119         | 120             | 108   | 127 | 5.8  | 150   | 98  | 23.3 | 52 |    |    |    |
| 14 D                       | 108 | 106 | 113 | 123 | 129 | 138 | 148 | 120 | 114 | 106 | 110 | 107 | 102 | 107 | 118 | 117 | 114 | 116 | 104               | 109          | 112         | 116         | 114             | 114   | 115 | 6.3  | 170   | 95  | 9.4  | 75 |    |    |    |
| 15 Q                       | 114 | 116 | 116 | 120 | 128 | 130 | 126 | 122 | 120 | 119 | 116 | 116 | 120 | 121 | 118 | 121 | 120 | 123 | 128               | 130          | 128         | 130         | 131             | 132   | 123 | 23.2 | 134   | 112 | 0.8  | 22 |    |    |    |
| 16                         | 127 | 126 | 143 | 130 | 125 | 126 | 125 | 122 | 124 | 122 | 114 | 118 | 118 | 126 | 120 | 118 | 124 | 116 | 116               | 130          | 125         | 120         | 120             | 118   | 123 | 2.8  | 150   | 110 | 10.7 | 40 |    |    |    |
| 17                         | 120 | 124 | 127 | 127 | 130 | 132 | 126 | 129 | 132 | 134 | 132 | 137 | 138 | 132 | 130 | 120 | 121 | 123 | 116               | 116          | 114         | 113         | 116             | 117   | 125 | 12.5 | 142   | 106 | 21.2 | 36 |    |    |    |
| 18                         | 119 | 122 | 126 | 131 | 136 | 133 | 130 | 124 | 135 | 139 | 136 | 136 | 136 | 143 | 138 | 136 | 137 | 136 | 132               | 120          | 118         | 120         | 112             | 120   | 130 | 13.3 | 146   | 107 | 20.2 | 39 |    |    |    |
| 19                         | 122 | 120 | 124 | 128 | 128 | 132 | 126 | 122 | 124 | 131 | 132 | 132 | 131 | 130 | 132 | 132 | 130 | 128 | 122               | 120          | 122         | 122         | 114             | 120   | 126 | 10.1 | 136   | 109 | 22.6 | 27 |    |    |    |
| 20                         | 120 | 118 | 120 | 127 | 134 | 132 | 126 | 122 | 130 | 140 | 138 | 141 | 137 | 130 | 119 | 108 | 122 | 124 | 127               | 126          | 124         | 120         | 120             | 129   | 126 | 11.7 | 148   | 106 | 15.6 | 42 |    |    |    |
| 21                         | 130 | 126 | 126 | 131 | 132 | 134 | 132 | 127 | 124 | 129 | 138 | 144 | 145 | 132 | 118 | 118 | 125 | 124 | 125               | 118          | 142         | 112         | 122             | 138   | 129 | 20.3 | 160   | 102 | 22.2 | 58 |    |    |    |
| 22 D                       | 120 | 125 | 126 | 129 | 138 | 132 | 130 | 124 | 119 | 115 | 116 | 124 | 125 | 116 | 92  | 92  | 82  | 120 | 110               | 102          | 106         | 113         | 114             | 130   | 117 | 4.3  | 144   | 63  | 16.3 | 81 |    |    |    |
| 23 D                       | 123 | 125 | 118 | 114 | 126 | 132 | 138 | 132 | 130 | 121 | 92  | 108 | 101 | 64  | 88  | 107 | 107 | 124 | 124               | 113          | 113         | 113         | 136             | 120   | 115 | 7.2  | 144   | 56  | 13.9 | 88 |    |    |    |
| 24                         | 120 | 119 | 125 | 119 | 120 | 119 | 114 | 114 | 118 | 118 | 112 | 104 | 112 | 112 | 106 | 113 | 115 | 113 | 118               | 108          | 101         | 113         | 113             | 113   | 114 | 2.4  | 126   | 95  | 20.6 | 31 |    |    |    |
| 25                         | 119 | 125 | 128 | 132 | 126 | 136 | 127 | 120 | 118 | 108 | 100 | 108 | 113 | 116 | 113 | 111 | 116 | 118 | 118               | 118          | 117         | 118         | 124             | 122   | 119 | 5.6  | 140   | 95  | 10.6 | 45 |    |    |    |
| 26 D                       | 119 | 122 | 126 | 120 | 126 | 130 | 116 | 98  | 101 | 104 | 104 | 118 | 118 | 113 | 118 | 119 | 124 | 126 | 115               | 118          | 135         | 132         | 113             | 118   | 118 | 20.9 | 150   | 94  | 7.7  | 56 |    |    |    |
| 27                         | 126 | 132 | 129 | 126 | 129 | 127 | 124 | 113 | 113 | 110 | 109 | 114 | 124 | 128 | 124 | 116 | 124 | 124 | 122               | 122          | 120         | 126         | 122             | 120   | 122 | 1.9  | 135   | 107 | 10.1 | 28 |    |    |    |
| 28 Q                       | 119 | 120 | 120 | 128 | 130 | 131 | 122 | 114 | 108 | 109 | 118 | 121 | 122 | 120 | 122 | 124 | 122 | 124 | 124               | 124          | 124         | 125         | 126             | 124   | 122 | 5.4  | 133   | 106 | 8.8  | 27 |    |    |    |
| 29 Q                       | 124 | 128 | 130 | 130 | 138 | 137 | 126 | 120 | 119 | 120 | 125 | 130 | 134 | 135 | 135 | 133 | 130 | 126 | 127               | 126          | 123         | 124         | 124             | 124   | 128 | 4.7  | 142   | 115 | 8.5  | 27 |    |    |    |
| 30                         | 126 | 130 | 131 | 134 | 138 | 137 | 131 | 126 | 124 | 124 | 126 | 133 | 132 | 130 | 129 | 124 | 121 | 116 | 114               | 111          | 112         | 126         | 122             | 124   | 126 | 4.8  | 142   | 104 | 20.1 | 38 |    |    |    |
| 31                         | 124 | 126 | 130 | 134 | 136 | 136 | 125 | 123 | 131 | 131 | 132 | 126 | 126 | 116 | 106 | 106 | 116 | 120 | 125               | 124          | 126         | 126         | 125             | 128   | 125 | 4.8  | 138   | 102 | 15.5 | 36 |    |    |    |
| Среднее по<br>всем дням    | 122 | 124 | 127 | 128 | 131 | 131 | 126 | 121 | 121 | 120 | 120 | 122 | 123 | 121 | 120 | 120 | 120 | 121 | 120               | 119          | 119         | 121         | 121             | 122   | 123 |      | 142   | 101 |      | 41 |    |    |    |
| Среднее по<br>сп. дням     | 121 | 123 | 124 | 127 | 131 | 131 | 125 | 120 | 119 | 119 | 121 | 124 | 127 | 128 | 128 | 127 | 125 | 126 | 125               | 126          | 124         | 124         | 125             | 126   | 125 |      | 137   | 111 |      | 26 |    |    |    |
| Среднее по<br>возмущ. дням | 117 | 120 | 120 | 120 | 128 | 130 | 127 | 115 | 114 | 107 | 103 | 111 | 109 | 102 | 105 | 107 | 104 | 117 | 116               | 112          | 116         | 119         | 120             | 121   | 115 |      | 148   | 78  |      | 70 |    |    |    |
| Сумма по<br>всем дням      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                   |              |             |             |                 |       |     |      |       |     |      |    |    |    |    |
| Сумма по<br>сп. дням       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                   |              |             |             |                 |       |     |      |       |     |      |    |    |    |    |
| Сумма по<br>возмущ. дням   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                   |              |             |             |                 |       |     |      |       |     |      |    |    |    |    |

Условные обозначения:  $\Delta$  — погасла лампа;  $>$  или  $<$  — запись вышла за бумагу;  $\square$  — остановились часы  
Длинные причины отсутств. записи. Величины, взятые приближенно с магнитограммы — ( )

Обработал А. Хохуташвили Е. И. Проверил А. Вердзениш Н. К.

Обсерватория Душети (Юбилии)

Среднемесячн.  $\bar{I} = 42207^{\circ}$

Элемент Вертикальная составляющая

Месяц Декабрь год 1986

$\bar{I} = 42150^{\circ} +$   $=$   $^{\circ}$

| Время<br>жировое           |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | Средн.<br>суточн. | Время<br>тах | Max<br>тит | Mini<br>тит | время<br>minim | Ампл. |    |    | Сумма |    |    |      |    |    |    |    |    |
|----------------------------|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------------------|--------------|------------|-------------|----------------|-------|----|----|-------|----|----|------|----|----|----|----|----|
|                            | Дни | 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 |                   |              |            |             |                |       |    |    |       | 17 | 18 | 19   | 20 | 21 | 22 | 23 | 24 |
| 1 D                        | 57  | 55 | 57 | 58 | 60 | 62 | 64 | 65 | 63 | 64 | 63 | 64 | 64 | 63 | 62 | 63 | 63 | 63                | 61           | 60         | 60          | 59             | 57    | 57 | 61 | 12.0  | 66 | 53 | 0.1  | 13 |    |    |    |    |
| 2                          | 57  | 56 | 55 | 56 | 57 | 59 | 59 | 61 | 59 | 56 | 57 | 61 | 63 | 63 | 61 | 60 | 60 | 61                | 60           | 59         | 59          | 58             | 57    | 57 | 59 | 12.5  | 65 | 54 | 2.1  | 11 |    |    |    |    |
| 3                          | 56  | 57 | 57 | 57 | 59 | 63 | 62 | 61 | 56 | 54 | 58 | 61 | 59 | 59 | 61 | 61 | 61 | 61                | 60           | 59         | 59          | 58             | 56    | 56 | 59 | 5.5   | 64 | 53 | 9.3  | 11 |    |    |    |    |
| 4                          | 56  | 57 | 57 | 56 | 57 | 57 | 55 | 53 | 52 | 55 | 59 | 61 | 61 | 59 | 57 | 58 | 58 | 59                | 61           | 61         | 61          | 59             | 59    | 59 | 58 | 11.6  | 63 | 51 | 8.5  | 12 |    |    |    |    |
| 5 Q                        | 59  | 57 | 57 | 57 | 59 | 60 | 59 | 59 | 58 | 59 | 60 | 61 | 60 | 60 | 58 | 58 | 58 | 57                | 57           | 56         | 57          | 56             | 56    | 55 | 58 | 11.7  | 62 | 54 | 232  | 8  |    |    |    |    |
| 6                          | 56  | 55 | 56 | 57 | 58 | 56 | 55 | 52 | 49 | 54 | 58 | 58 | 57 | 58 | 58 | 58 | 58 | 57                | 57           | 57         | 57          | 55             | 55    | 54 | 56 | 15.2  | 59 | 48 | 8.1  | 11 |    |    |    |    |
| 7                          | 55  | 55 | 54 | 54 | 53 | 53 | 53 | 53 | 47 | 50 | 52 | 54 | 55 | 56 | 58 | 60 | 59 | 59                | 58           | 57         | 56          | 55             | 55    | 55 | 55 | 15.4  | 62 | 45 | 8.6  | 17 |    |    |    |    |
| 8 Q                        | 55  | 54 | 55 | 54 | 54 | 54 | 54 | 54 | 53 | 55 | 57 | 57 | 56 | 56 | 55 | 56 | 56 | 56                | 58           | 57         | 57          | 57             | 56    | 55 | 55 | 18.9  | 59 | 52 | 8.3  | 7  |    |    |    |    |
| 9                          | 55  | 55 | 54 | 55 | 55 | 54 | 55 | 55 | 52 | 51 | 53 | 54 | 55 | 54 | 53 | 54 | 56 | 56                | 57           | 57         | 56          | 55             | 55    | 55 | 55 | 18.3  | 58 | 50 | 9.1  | 8  |    |    |    |    |
| 10                         | 55  | 55 | 52 | 53 | 56 | 55 | 53 | 54 | 52 | 50 | 55 | 59 | 60 | 57 | 55 | 55 | 56 | 57                | 58           | 59         | 58          | 55             | 55    | 55 | 55 | 12.2  | 61 | 48 | 9.4  | 13 |    |    |    |    |
| 11                         | 55  | 56 | 55 | 54 | 55 | 58 | 56 | 56 | 58 | 57 | 60 | 63 | 63 | 61 | 59 | 58 | 58 | 58                | 58           | 57         | 56          | 56             | 56    | 55 | 57 | 12.3  | 64 | 53 | 3.6  | 11 |    |    |    |    |
| 12                         | 55  | 55 | 55 | 55 | 55 | 54 | 53 | 53 | 51 | 49 | 53 | 57 | 58 | 57 | 55 | 55 | 56 | 58                | 59           | 59         | 59          | 57             | 55    | 55 | 55 | 19.6  | 60 | 48 | 9.3  | 12 |    |    |    |    |
| 13                         | 55  | 54 | 54 | 53 | 53 | 53 | 51 | 52 | 53 | 51 | 49 | 53 | 55 | 55 | 55 | 55 | 55 | 57                | 58           | 58         | 58          | 58             | 56    | 57 | 54 | 19.6  | 61 | 47 | 10.3 | 14 |    |    |    |    |
| 14 D                       | 57  | 57 | 56 | 54 | 52 | 54 | 55 | 60 | 60 | 62 | 60 | 61 | 63 | 62 | 59 | 60 | 60 | 59                | 61           | 60         | 59          | 59             | 57    | 57 | 58 | 12.7  | 64 | 50 | 4.4  | 14 |    |    |    |    |
| 15 Q                       | 57  | 57 | 57 | 57 | 57 | 60 | 60 | 59 | 59 | 59 | 61 | 62 | 62 | 61 | 60 | 59 | 58 | 57                | 57           | 57         | 56          | 55             | 54    | 54 | 58 | 11.1  | 64 | 53 | 233  | 11 |    |    |    |    |
| 16                         | 54  | 54 | 51 | 55 | 55 | 57 | 57 | 56 | 55 | 55 | 53 | 53 | 55 | 57 | 58 | 58 | 58 | 60                | 60           | 57         | 57          | 57             | 56    | 57 | 56 | 18.6  | 62 | 50 | 2.9  | 12 |    |    |    |    |
| 17                         | 57  | 57 | 57 | 57 | 55 | 55 | 54 | 53 | 51 | 50 | 53 | 55 | 55 | 55 | 56 | 58 | 58 | 59                | 60           | 60         | 60          | 59             | 58    | 57 | 56 | 21.2  | 62 | 49 | 9.1  | 13 |    |    |    |    |
| 18                         | 57  | 57 | 56 | 56 | 55 | 56 | 54 | 55 | 51 | 52 | 55 | 59 | 58 | 55 | 55 | 56 | 56 | 56                | 57           | 58         | 58          | 57             | 58    | 57 | 56 | 11.7  | 61 | 50 | 8.8  | 11 |    |    |    |    |
| 19                         | 56  | 56 | 57 | 56 | 57 | 57 | 56 | 54 | 51 | 51 | 55 | 57 | 57 | 57 | 57 | 57 | 57 | 57                | 58           | 58         | 57          | 57             | 57    | 56 | 56 | 18.4  | 59 | 49 | 9.0  | 10 |    |    |    |    |
| 20                         | 56  | 57 | 57 | 56 | 56 | 57 | 57 | 55 | 53 | 53 | 59 | 59 | 56 | 57 | 57 | 59 | 57 | 58                | 57           | 56         | 57          | 56             | 55    | 54 | 56 | 10.9  | 62 | 51 | 9.1  | 11 |    |    |    |    |
| 21                         | 53  | 54 | 55 | 53 | 55 | 55 | 54 | 53 | 53 | 54 | 55 | 57 | 57 | 56 | 58 | 57 | 56 | 57                | 58           | 59         | 54          | 57             | 56    | 53 | 55 | 19.6  | 61 | 51 | 8.0  | 10 |    |    |    |    |
| 22 D                       | 55  | 55 | 55 | 55 | 55 | 57 | 57 | 57 | 55 | 53 | 54 | 57 | 58 | 59 | 62 | 62 | 65 | 60                | 61           | 61         | 59          | 58             | 58    | 55 | 58 | 16.3  | 68 | 52 | 9.1  | 16 |    |    |    |    |
| 23 D                       | 56  | 56 | 55 | 56 | 55 | 54 | 53 | 55 | 55 | 56 | 61 | 62 | 64 | 68 | 65 | 63 | 62 | 60                | 60           | 60         | 59          | 57             | 54    | 55 | 58 | 13.4  | 69 | 52 | 6.2  | 17 |    |    |    |    |
| 24                         | 55  | 56 | 56 | 57 | 57 | 57 | 56 | 56 | 57 | 59 | 63 | 65 | 63 | 61 | 61 | 61 | 61 | 61                | 61           | 61         | 61          | 59             | 59    | 59 | 59 | 11.3  | 66 | 55 | 0.1  | 11 |    |    |    |    |
| 25                         | 58  | 58 | 58 | 57 | 57 | 55 | 51 | 52 | 53 | 54 | 58 | 61 | 62 | 62 | 61 | 61 | 61 | 60                | 60           | 59         | 59          | 58             | 57    | 56 | 58 | 12.3  | 63 | 50 | 6.9  | 13 |    |    |    |    |
| 26 D                       | 56  | 56 | 57 | 57 | 57 | 59 | 61 | 62 | 59 | 57 | 58 | 61 | 64 | 63 | 61 | 60 | 59 | 59                | 60           | 60         | 57          | 56             | 58    | 57 | 59 | 12.4  | 64 | 53 | 211  | 11 |    |    |    |    |
| 27                         | 56  | 56 | 56 | 57 | 58 | 59 | 58 | 55 | 53 | 53 | 55 | 59 | 61 | 61 | 59 | 59 | 59 | 59                | 59           | 58         | 58          | 57             | 55    | 57 | 57 | 12.7  | 63 | 52 | 8.7  | 11 |    |    |    |    |
| 28 Q                       | 57  | 57 | 57 | 56 | 58 | 60 | 60 | 60 | 60 | 57 | 53 | 57 | 59 | 59 | 59 | 59 | 59 | 58                | 59           | 58         | 58          | 58             | 57    | 56 | 58 | 6.5   | 61 | 52 | 10.3 | 9  |    |    |    |    |
| 29 Q                       | 57  | 57 | 57 | 56 | 56 | 58 | 58 | 56 | 53 | 54 | 57 | 60 | 61 | 58 | 57 | 56 | 56 | 57                | 56           | 56         | 57          | 56             | 56    | 56 | 57 | 12.2  | 62 | 52 | 8.9  | 10 |    |    |    |    |
| 30                         | 56  | 55 | 55 | 55 | 56 | 59 | 59 | 57 | 54 | 54 | 58 | 59 | 59 | 57 | 57 | 57 | 57 | 58                | 58           | 59         | 59          | 56             | 56    | 56 | 57 | 6.2   | 60 | 52 | 9.2  | 8  |    |    |    |    |
| 31                         | 56  | 57 | 57 | 56 | 56 | 57 | 56 | 55 | 52 | 53 | 56 | 58 | 57 | 57 | 59 | 60 | 59 | 59                | 59           | 57         | 57          | 57             | 56    | 56 | 57 | 15.4  | 61 | 51 | 8.5  | 10 |    |    |    |    |
| Среднее по<br>всем дням    | 56  | 56 | 56 | 56 | 56 | 57 | 56 | 56 | 54 | 55 | 57 | 59 | 59 | 59 | 58 | 58 | 58 | 58                | 59           | 58         | 58          | 57             | 56    | 56 | 57 |       | 62 | 51 |      | 11 |    |    |    |    |
| Среднее по<br>сп. дням     | 57  | 56 | 57 | 56 | 57 | 58 | 58 | 58 | 57 | 57 | 58 | 59 | 60 | 59 | 58 | 58 | 57 | 57                | 57           | 57         | 57          | 56             | 56    | 55 | 57 |       | 62 | 53 |      | 9  |    |    |    |    |
| Среднее по<br>возмущ. дням | 56  | 56 | 56 | 56 | 56 | 57 | 58 | 60 | 58 | 58 | 59 | 61 | 63 | 63 | 62 | 62 | 62 | 60                | 61           | 60         | 59          | 58             | 57    | 56 | 59 |       | 66 | 52 |      | 14 |    |    |    |    |
| Сумма по<br>всем дням      |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                   |              |            |             |                |       |    |    |       |    |    |      |    |    |    |    |    |
| Сумма по<br>сп. дням       |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                   |              |            |             |                |       |    |    |       |    |    |      |    |    |    |    |    |
| Сумма по<br>возмущ. дням   |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                   |              |            |             |                |       |    |    |       |    |    |      |    |    |    |    |    |

Условные обозначения:  $\Delta$  — погасла лампа;  $>$  или  $<$  — запись вышла за бумагу;  $\square$  — остановились часы  
Длинные причины отсутств. записи. Величины, взятые приближенно с магнитограммы — ( )

Обработал Вержеули Н. К. Проверил Бетситашвили Т. А.