

Ведомство Инст. Геофизики АН Груз. С. С. Р.  
 Обсерватория Г. Шиниши (Думети) Широта 42°05' Долгота 44°42'

Среднемесячн. D = 4°55'1

Месяц Январь Год 1977

Элемент Склонение

D = 4°42'0 + 0

| Время<br>мировое        |    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | Средн.<br>суточн. |
|-------------------------|----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------------------|
| ни                      |    | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 19   | 20   | 21   | 22   | 23   | 24   |      |                   |
| D                       | 1  | 13.8 | 13.4 | 13.3 | 13.1 | 12.9 | 13.4 | 13.6 | 12.3 | 11.9 | 11.2 | 11.9 | 12.7 | 14.6 | 14.2 | 13.1 | 14.0 | 14.0 | 13.8 | 13.6 | 13.6 | 14.4 | 14.9 | 13.8 | 13.4 | 13.4              |
| Q                       | 2  | 13.0 | 12.3 | 13.6 | 13.6 | 14.2 | 14.7 | 14.4 | 13.8 | 11.9 | 11.4 | 12.1 | 12.7 | 12.9 | 13.4 | 13.4 | 13.3 | 13.4 | 13.4 | 13.8 | 14.0 | 14.2 | 13.8 | 13.6 | 13.6 | 13.4              |
|                         | 3  | 13.1 | 13.1 | 13.1 | 12.9 | 13.4 | 13.4 | 13.3 | 12.9 | 12.1 | 11.6 | 12.3 | 12.9 | 12.9 | 13.1 | 13.3 | 13.4 | 13.1 | 13.4 | 14.6 | 14.0 | 14.1 | 13.4 | 12.9 | 13.6 | 13.2              |
|                         | 4  | 12.9 | 12.7 | 12.7 | 12.9 | 12.9 | 12.9 | 12.7 | 12.3 | 11.4 | 10.9 | 11.9 | 12.5 | 11.9 | 12.3 | 12.1 | 12.1 | 13.8 | 14.7 | 16.8 | 16.6 | 16.4 | 16.1 | 14.6 | 15.1 | 13.4              |
|                         | 5  | 14.0 | 13.1 | 13.6 | 13.6 | 13.7 | 13.8 | 13.5 | 12.5 | 11.4 | 10.8 | 11.0 | 11.9 | 12.5 | 12.9 | 13.1 | 12.9 | 13.1 | 16.1 | 15.7 | 15.7 | 15.5 | 15.3 | 13.6 | 13.1 | 13.4              |
|                         | 6  | 12.6 | 11.2 | 11.6 | 11.2 | 12.3 | 13.1 | 13.8 | 13.6 | 12.9 | 12.5 | 12.1 | 12.5 | 13.6 | 13.8 | 13.8 | 13.8 | 13.6 | 13.6 | 14.2 | 13.6 | 12.9 | 13.1 | 12.9 | 12.1 | 12.9              |
|                         | 7  | 11.6 | 11.0 | 11.4 | 12.1 | 12.3 | 13.4 | 14.4 | 13.6 | 12.5 | 11.6 | 11.9 | 12.9 | 13.8 | 13.7 | 14.2 | 13.8 | 13.6 | 13.6 | 13.6 | 13.1 | 13.6 | 13.0 | 12.7 | 12.6 | 12.9              |
|                         | 8  | 12.5 | 12.3 | 12.5 | 12.5 | 12.5 | 13.4 | 14.2 | 13.4 | 11.9 | 10.4 | 10.4 | 12.1 | 13.4 | 13.4 | 14.0 | 14.6 | 12.5 | 12.5 | 12.5 | 12.5 | 12.7 | 12.9 | 12.4 | 12.5 | 12.7              |
|                         | 9  | 12.3 | 11.9 | 11.9 | 12.0 | 12.1 | 12.9 | 13.8 | 13.8 | 13.0 | 12.1 | 10.9 | 12.9 | 13.4 | 13.4 | 12.9 | 12.7 | 12.7 | 13.8 | 13.4 | 13.1 | 13.1 | 13.4 | 12.9 | 12.5 | 12.8              |
| Q                       | 10 | 12.1 | 11.9 | 11.9 | 11.9 | 12.1 | 12.1 | 12.7 | 12.5 | 11.0 | 10.1 | 10.4 | 11.7 | 12.9 | 12.9 | 12.5 | 12.5 | 13.1 | 12.9 | 12.9 | 12.9 | 12.8 | 12.7 | 12.7 | 12.5 | 12.2              |
|                         | 11 | 12.3 | 12.3 | 12.3 | 12.3 | 12.4 | 12.5 | 12.7 | 12.1 | 11.2 | 11.0 | 11.0 | 11.6 | 12.1 | 11.6 | 12.1 | 16.8 | 16.8 | 12.9 | 14.2 | 15.3 | 14.9 | 14.9 | 14.0 | 14.0 | 13.1              |
|                         | 12 | 14.9 | 14.0 | 14.9 | 14.0 | 13.6 | 12.5 | 11.7 | 11.6 | 10.8 | 11.9 | 12.9 | 13.6 | 13.0 | 13.8 | 13.8 | 13.1 | 13.8 | 14.2 | 14.2 | 14.0 | 14.0 | 13.8 | 13.6 | 13.4 | 13.4              |
|                         | 13 | 12.7 | 13.1 | 13.4 | 13.6 | 12.9 | 13.8 | 13.8 | 13.4 | 12.7 | 11.7 | 11.6 | 12.1 | 12.7 | 12.7 | 12.9 | 12.9 | 13.4 | 13.4 | 13.8 | 13.4 | 13.6 | 14.1 | 13.8 | 14.1 | 13.2              |
| D                       | 14 | 12.9 | 12.7 | 12.5 | 12.5 | 13.1 | 12.9 | 12.3 | 12.7 | 11.4 | 10.6 | 11.6 | 12.1 | 12.3 | 11.9 | 12.3 | 12.1 | 14.0 | 15.3 | 16.6 | 15.7 | 15.6 | 14.2 | 15.5 | 15.5 | 13.3              |
|                         | 15 | 12.9 | 13.6 | 13.6 | 13.7 | 13.6 | 14.2 | 13.4 | 13.4 | 12.5 | 11.2 | 11.0 | 11.9 | 13.4 | 13.4 | 13.1 | 13.4 | 14.9 | 15.5 | 14.2 | 14.3 | 13.8 | 13.6 | 13.4 | 13.1 | 13.4              |
|                         | 16 | 12.5 | 12.9 | 13.4 | 13.6 | 14.2 | 14.9 | 14.4 | 13.4 | 12.5 | 11.6 | 11.1 | 11.6 | 12.7 | 12.9 | 12.9 | 13.4 | 13.4 | 14.6 | 13.8 | 14.0 | 13.8 | 14.0 | 13.8 | 13.4 | 13.3              |
|                         | 17 | 12.9 | 12.1 | 12.5 | 12.9 | 13.7 | 14.6 | 15.1 | 13.8 | 12.1 | 10.6 | 9.9  | 11.0 | 12.1 | 12.0 | 12.5 | 12.7 | 13.6 | 13.4 | 13.4 | 13.4 | 13.1 | 12.9 | 12.9 | 13.4 | 12.8              |
|                         | 18 | 13.1 | 13.6 | 13.4 | 12.7 | 12.3 | 12.7 | 14.0 | 14.2 | 13.8 | 13.1 | 12.5 | 11.6 | 11.2 | 12.3 | 13.1 | 13.0 | 13.1 | 13.3 | 13.4 | 13.4 | 13.0 | 12.9 | 12.9 | 12.7 | 13.0              |
|                         | 19 | 12.7 | 12.5 | 12.5 | 12.1 | 12.1 | 13.1 | 14.6 | 13.6 | 12.3 | 11.2 | 11.0 | 11.6 | 12.1 | 12.7 | 12.9 | 12.9 | 12.7 | 13.1 | 13.6 | 15.7 | 15.5 | 14.9 | 15.1 | 13.6 | 13.1              |
|                         | 20 | 14.0 | 12.5 | 11.9 | 11.6 | 12.1 | 12.1 | 12.9 | 12.5 | 12.1 | 12.1 | 13.4 | 13.6 | 13.4 | 13.1 | 12.9 | 12.9 | 13.4 | 13.1 | 13.4 | 13.6 | 13.8 | 12.9 | 14.0 | 12.9 | 12.9              |
| Q                       | 21 | 13.4 | 12.5 | 12.5 | 12.7 | 12.9 | 13.4 | 13.1 | 12.7 | 12.1 | 11.4 | 12.1 | 12.5 | 12.9 | 12.9 | 13.0 | 13.1 | 13.4 | 13.4 | 13.0 | 13.1 | 13.1 | 12.9 | 12.9 | 12.5 | 12.8              |
|                         | 22 | 12.3 | 12.1 | 12.1 | 12.1 | 12.5 | 12.7 | 12.7 | 12.5 | 12.5 | 12.8 | 13.1 | 13.6 | 13.4 | 14.6 | 12.5 | 12.7 | 13.1 | 13.6 | 13.8 | 13.8 | 13.8 | 13.8 | 13.1 | 12.4 | 13.0              |
|                         | 23 | 12.0 | 11.9 | 12.0 | 11.9 | 11.6 | 11.9 | 12.5 | 12.3 | 12.1 | 11.6 | 11.2 | 11.9 | 12.5 | 12.3 | 12.1 | 12.3 | 12.5 | 12.6 | 13.8 | 14.2 | 13.4 | 12.9 | 13.6 | 13.1 | 12.4              |
|                         | 24 | 12.7 | 12.1 | 11.4 | 12.1 | 12.3 | 12.5 | 12.9 | 12.9 | 12.5 | 12.1 | 11.9 | 12.1 | 12.3 | 12.5 | 12.9 | 12.5 | 12.7 | 12.9 | 14.2 | 13.4 | 13.7 | 13.1 | 12.9 | 12.5 | 12.6              |
|                         | 25 | 12.3 | 12.1 | 11.9 | 11.9 | 11.9 | 11.7 | 11.6 | 11.5 | 10.1 | 10.6 | 11.0 | 11.0 | 11.3 | 12.9 | 13.4 | 13.1 | 13.1 | 13.2 | 13.3 | 14.2 | 15.3 | 15.1 | 15.0 | 13.8 | 12.6              |
| Q                       | 26 | 12.9 | 12.9 | 12.9 | 13.0 | 13.0 | 13.4 | 13.8 | 13.8 | 13.1 | 12.9 | 12.7 | 12.9 | 13.1 | 13.1 | 12.9 | 13.1 | 12.9 | 12.9 | 13.4 | 13.6 | 13.6 | 13.6 | 13.6 | 13.4 | 13.2              |
| Q                       | 27 | 12.9 | 12.7 | 12.5 | 12.7 | 12.9 | 13.3 | 13.1 | 12.3 | 11.9 | 11.2 | 11.2 | 11.2 | 12.0 | 12.5 | 12.5 | 12.7 | 12.7 | 12.9 | 13.8 | 13.8 | 13.8 | 13.2 | 13.1 | 12.9 | 12.7              |
|                         | 28 | 12.9 | 12.9 | 12.5 | 12.7 | 12.5 | 12.9 | 13.4 | 12.9 | 11.9 | 12.1 | 12.0 | 12.1 | 12.5 | 12.5 | 12.1 | 12.1 | 12.1 | 11.9 | 12.3 | 13.7 | 16.6 | 17.4 | 19.4 | 16.1 | 13.3              |
| D                       | 29 | 16.4 | 14.2 | 13.1 | 12.7 | 12.9 | 12.7 | 12.7 | 12.1 | 11.6 | 12.3 | 11.9 | 12.9 | 12.9 | 13.1 | 12.7 | 14.0 | 12.9 | 13.1 | 14.4 | 15.1 | 15.1 | 15.5 | 15.9 | 14.6 | 13.5              |
| D                       | 30 | 14.0 | 13.1 | 12.5 | 11.9 | 12.1 | 11.9 | 12.1 | 12.9 | 13.1 | 12.9 | 12.3 | 12.8 | 12.5 | 15.3 | 14.4 | 17.0 | 14.6 | 15.4 | 15.9 | 18.5 | 20.9 | 22.7 | 21.3 | 20.2 | 15.0              |
| D                       | 31 | 16.8 | 15.5 | 14.0 | 14.0 | 14.2 | 13.8 | 13.6 | 13.6 | 12.3 | 12.5 | 12.5 | 13.1 | 13.6 | 13.8 | 13.4 | 13.4 | 13.4 | 13.6 | 13.8 | 14.0 | 13.8 | 14.2 | 14.0 | 14.2 | 13.8              |
| Среднее по<br>всем дням |    | 13.1 | 12.7 | 12.7 | 12.7 | 12.8 | 13.1 | 13.3 | 12.9 | 12.1 | 11.6 | 11.7 | 12.3 | 12.8 | 13.1 | 13.0 | 13.3 | 13.4 | 13.6 | 14.0 | 14.2 | 14.3 | 14.2 | 14.1 | 13.6 | 13.1              |

Вариометр Боброва (I-XII, 1977)

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

Обработал Чикадзе Т. Ч.

Проверил Эбремидзе М. А.

Ведомство Инст. Геофизики АН Г.С.С.Р.  
Обсерватория ЖБШМСИ (Душети) Широта 42°05' Долгота 44°42'

Среднемесячн. H = 24195<sup>h</sup>

Месяц Инварь Год 1977

Элемент Горизонтальная составляющая

H = 24100<sup>h</sup> =                     

| Время<br>мировое        |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | Средн.<br>суточн. |     |
|-------------------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------------------|-----|
| Дни                     |    | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 19  | 20  | 21  | 22  | 23  | 24  |                   |     |
| D                       | 1  | 90  | 84  | 84  | 83  | 88  | 82  | 80  | 78  | 76  | 80  | 96  | 95  | 82  | 92  | 84  | 90  | 92  | 96  | 90  | 89  | 89  | 107 | 77  | 78                | 87  |
| Q                       | 2  | 77  | 84  | 84  | 86  | 88  | 90  | 85  | 84  | 84  | 82  | 82  | 82  | 89  | 94  | 96  | 96  | 92  | 86  | 84  | 83  | 83  | 84  | 87  | 86                |     |
|                         | 3  | 89  | 90  | 94  | 99  | 101 | 106 | 101 | 96  | 100 | 104 | 102 | 103 | 103 | 102 | 101 | 96  | 96  | 83  | 65  | 79  | 82  | 90  | 94  | 89                | 94  |
|                         | 4  | 89  | 92  | 94  | 96  | 96  | 98  | 106 | 100 | 106 | 106 | 90  | 71  | 71  | 71  | 62  | 44  | 54  | 60  | 68  | 63  | 72  | 71  | 78  | 89                | 81  |
|                         | 5  | 84  | 89  | 90  | 92  | 90  | 113 | 113 | 108 | 112 | 110 | 112 | 108 | 106 | 97  | 88  | 94  | 82  | 89  | 76  | 71  | 68  | 101 | 82  | 84                | 94  |
|                         | 6  | 88  | 101 | 96  | 102 | 106 | 109 | 110 | 102 | 102 | 102 | 100 | 92  | 84  | 84  | 80  | 84  | 92  | 90  | 98  | 92  | 98  | 100 | 94  | 94                | 96  |
|                         | 7  | 95  | 101 | 107 | 107 | 107 | 107 | 94  | 84  | 88  | 95  | 98  | 104 | 102 | 96  | 92  | 89  | 92  | 92  | 94  | 95  | 100 | 96  | 96  | 100               | 97  |
|                         | 8  | 100 | 104 | 100 | 104 | 108 | 108 | 96  | 95  | 100 | 107 | 108 | 107 | 104 | 98  | 95  | 102 | 108 | 107 | 108 | 108 | 106 | 101 | 104 | 106               | 104 |
|                         | 9  | 107 | 107 | 106 | 113 | 114 | 114 | 111 | 109 | 111 | 112 | 114 | 114 | 104 | 101 | 102 | 100 | 96  | 98  | 102 | 107 | 104 | 105 | 101 | 104               | 106 |
| Q                       | 10 | 106 | 107 | 106 | 108 | 108 | 112 | 112 | 108 | 116 | 120 | 130 | 130 | 119 | 113 | 110 | 107 | 101 | 102 | 100 | 102 | 102 | 104 | 104 | 106               | 110 |
|                         | 11 | 106 | 106 | 104 | 104 | 107 | 107 | 108 | 114 | 118 | 130 | 137 | 126 | 120 | 107 | 94  | 94  | 58  | 40  | 83  | 74  | 90  | 77  | 68  | 74                | 98  |
|                         | 12 | 83  | 90  | 83  | 81  | 86  | 96  | 95  | 92  | 98  | 106 | 108 | 107 | 92  | 78  | 83  | 80  | 76  | 82  | 94  | 86  | 83  | 87  | 89  | 90                | 89  |
|                         | 13 | 96  | 95  | 92  | 89  | 95  | 92  | 83  | 80  | 84  | 93  | 101 | 102 | 101 | 96  | 94  | 84  | 90  | 90  | 98  | 95  | 98  | 106 | 100 | 94                | 94  |
| D                       | 14 | 92  | 89  | 96  | 95  | 98  | 100 | 105 | 104 | 105 | 108 | 102 | 100 | 108 | 100 | 96  | 76  | 66  | 52  | 53  | 72  | 77  | 101 | 98  | 80                | 91  |
|                         | 15 | 82  | 82  | 84  | 83  | 89  | 90  | 86  | 78  | 82  | 90  | 94  | 94  | 96  | 96  | 90  | 92  | 88  | 92  | 86  | 84  | 101 | 95  | 92  | 89                | 89  |
|                         | 16 | 88  | 89  | 90  | 92  | 92  | 90  | 86  | 83  | 86  | 95  | 100 | 102 | 104 | 100 | 92  | 92  | 89  | 102 | 89  | 90  | 94  | 92  | 92  | 89                | 92  |
|                         | 17 | 90  | 92  | 96  | 96  | 100 | 100 | 95  | 88  | 95  | 106 | 100 | 98  | 102 | 94  | 78  | 71  | 92  | 98  | 100 | 98  | 100 | 98  | 98  | 95                | 95  |
|                         | 18 | 106 | 104 | 96  | 97  | 112 | 112 | 98  | 90  | 96  | 98  | 88  | 89  | 106 | 104 | 101 | 101 | 98  | 96  | 96  | 97  | 100 | 96  | 96  | 97                | 99  |
|                         | 19 | 98  | 98  | 102 | 106 | 112 | 116 | 110 | 99  | 102 | 112 | 114 | 111 | 108 | 102 | 104 | 106 | 102 | 90  | 76  | 82  | 78  | 92  | 90  | 89                | 100 |
|                         | 20 | 100 | 92  | 98  | 102 | 102 | 116 | 109 | 113 | 118 | 119 | 108 | 100 | 101 | 95  | 100 | 92  | 92  | 102 | 106 | 100 | 102 | 116 | 98  | 110               | 104 |
| Q                       | 21 | 94  | 94  | 95  | 100 | 102 | 108 | 106 | 104 | 108 | 114 | 108 | 107 | 104 | 98  | 98  | 95  | 92  | 100 | 102 | 102 | 100 | 100 | 98  | 98                | 101 |
|                         | 22 | 100 | 101 | 104 | 107 | 107 | 108 | 110 | 107 | 108 | 112 | 110 | 101 | 88  | 72  | 76  | 90  | 89  | 89  | 90  | 94  | 102 | 106 | 101 | 104               | 99  |
|                         | 23 | 110 | 111 | 110 | 114 | 118 | 124 | 119 | 118 | 116 | 120 | 124 | 116 | 108 | 113 | 113 | 106 | 104 | 102 | 82  | 88  | 104 | 101 | 106 | 96                | 109 |
|                         | 24 | 95  | 95  | 106 | 112 | 111 | 118 | 114 | 116 | 119 | 122 | 126 | 118 | 108 | 90  | 96  | 96  | 102 | 100 | 102 | 100 | 102 | 101 | 102 | 102               | 106 |
|                         | 25 | 104 | 105 | 107 | 107 | 111 | 110 | 112 | 117 | 130 | 129 | 128 | 118 | 106 | 78  | 82  | 88  | 86  | 88  | 94  | 93  | 104 | 92  | 89  | 89                | 103 |
| Q                       | 26 | 96  | 95  | 94  | 92  | 92  | 95  | 96  | 89  | 88  | 92  | 95  | 98  | 104 | 106 | 104 | 102 | 100 | 100 | 104 | 108 | 102 | 101 | 102 | 99                | 98  |
| Q                       | 27 | 99  | 100 | 103 | 107 | 109 | 111 | 118 | 118 | 118 | 125 | 124 | 124 | 121 | 116 | 111 | 100 | 93  | 92  | 92  | 98  | 101 | 102 | 102 | 100               | 108 |
|                         | 28 | 102 | 101 | 102 | 106 | 109 | 115 | 116 | 113 | 113 | 112 | 114 | 114 | 108 | 108 | 106 | 108 | 112 | 112 | 106 | 112 | 84  | 72  | 59  | 65                | 103 |
| D                       | 29 | 70  | 71  | 77  | 86  | 80  | 84  | 89  | 91  | 84  | 82  | 84  | 84  | 92  | 92  | 84  | 77  | 78  | 77  | 76  | 77  | 82  | 80  | 74  | 84                | 81  |
| D                       | 30 | 88  | 94  | 106 | 107 | 98  | 98  | 78  | 70  | 66  | 59  | 54  | 50  | 18  | 29  | 36  | 68  | 29  | 36  | 48  | 50  | 36  | 54  | 58  | 62                | 62  |
| D                       | 31 | 76  | 52  | 58  | 54  | 56  | 62  | 65  | 56  | 65  | 72  | 72  | 66  | 36  | 70  | 84  | 83  | 84  | 84  | 84  | 84  | 86  | 84  | 89  | 86                | 71  |
| Среднее по<br>всем дням |    | 94  | 94  | 96  | 98  | 100 | 103 | 100 | 97  | 100 | 104 | 104 | 101 | 97  | 93  | 91  | 90  | 88  | 88  | 89  | 89  | 91  | 94  | 91  | 91                | 95  |

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

Обработала Эбремдзе М.А.

Проверил Безисташвили Я.

Ведомство Инст. Геофизики АН Груз. С.С.Р.  
 Обсерватория Ж.Б.Ишвили (Думети) Широта 42°05' Долгота 44°42'

Среднемесячн. Z = 42048<sup>8</sup>

Элемент Вертикальная составляющая

Месяц Январь Год 1977

Z = 41970<sup>8</sup> +

= 0 =

| Время<br>мировое        | 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | Средн.<br>суточн. |
|-------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------------------|
| D 1                     | 78 | 78 | 78 | 79 | 80 | 79 | 75 | 75 | 75 | 77 | 80 | 83 | 81 | 79 | 79 | 79 | 80 | 79 | 79 | 79 | 78 | 76 | 79 | 79 |    | 78                |
| Q 2                     | 79 | 79 | 79 | 79 | 79 | 79 | 78 | 75 | 73 | 76 | 79 | 78 | 78 | 79 | 79 | 79 | 79 | 80 | 81 | 80 | 79 | 80 | 79 | 79 |    | 79                |
| 3                       | 79 | 78 | 77 | 77 | 77 | 76 | 75 | 73 | 69 | 72 | 77 | 75 | 75 | 76 | 77 | 77 | 78 | 80 | 82 | 80 | 80 | 79 | 77 | 78 |    | 77                |
| 4                       | 77 | 77 | 77 | 77 | 76 | 74 | 73 | 71 | 67 | 69 | 75 | 81 | 83 | 83 | 84 | 88 | 87 | 87 | 87 | 87 | 85 | 85 | 83 | 81 |    | 80                |
| 5                       | 81 | 79 | 79 | 78 | 79 | 77 | 77 | 76 | 73 | 74 | 75 | 76 | 75 | 78 | 79 | 78 | 80 | 79 | 82 | 82 | 82 | 77 | 80 | 79 |    | 78                |
| 6                       | 79 | 77 | 78 | 78 | 78 | 79 | 79 | 81 | 76 | 73 | 76 | 81 | 81 | 79 | 80 | 80 | 79 | 81 | 80 | 80 | 78 | 77 | 77 | 77 |    | 78                |
| 7                       | 77 | 77 | 76 | 77 | 78 | 81 | 84 | 83 | 78 | 75 | 77 | 81 | 82 | 80 | 80 | 80 | 80 | 80 | 80 | 79 | 78 | 77 | 77 | 78 |    | 79                |
| 8                       | 78 | 77 | 77 | 77 | 77 | 79 | 77 | 71 | 64 | 63 | 70 | 75 | 76 | 76 | 77 | 77 | 76 | 76 | 75 | 76 | 75 | 76 | 75 | 75 |    | 75                |
| 9                       | 75 | 75 | 75 | 75 | 75 | 77 | 77 | 75 | 69 | 68 | 72 | 77 | 76 | 75 | 75 | 76 | 77 | 77 | 77 | 75 | 74 | 74 | 75 | 74 |    | 75                |
| Q 10                    | 75 | 74 | 74 | 73 | 72 | 71 | 72 | 68 | 61 | 63 | 67 | 71 | 71 | 71 | 72 | 74 | 74 | 75 | 75 | 75 | 75 | 74 | 74 | 74 |    | 72                |
| 11                      | 74 | 74 | 74 | 75 | 74 | 75 | 75 | 73 | 70 | 69 | 71 | 72 | 72 | 74 | 76 | 77 | 85 | 89 | 83 | 85 | 81 | 81 | 81 | 81 |    | 77                |
| 12                      | 79 | 77 | 77 | 78 | 78 | 77 | 79 | 79 | 77 | 73 | 72 | 73 | 76 | 78 | 79 | 81 | 83 | 82 | 81 | 80 | 78 | 79 | 79 | 78 |    | 78                |
| 13                      | 77 | 77 | 77 | 78 | 78 | 78 | 81 | 81 | 77 | 73 | 74 | 80 | 80 | 78 | 79 | 81 | 79 | 80 | 79 | 79 | 78 | 76 | 75 | 77 |    | 78                |
| D 14                    | 77 | 77 | 77 | 77 | 77 | 75 | 75 | 73 | 74 | 76 | 77 | 77 | 75 | 75 | 77 | 81 | 83 | 88 | 89 | 86 | 85 | 81 | 79 | 79 |    | 79                |
| 15                      | 79 | 78 | 78 | 79 | 79 | 75 | 75 | 75 | 72 | 69 | 72 | 77 | 80 | 79 | 80 | 80 | 80 | 80 | 82 | 81 | 79 | 79 | 79 | 79 |    | 78                |
| 16                      | 79 | 79 | 79 | 79 | 81 | 79 | 77 | 78 | 77 | 76 | 77 | 79 | 81 | 79 | 79 | 79 | 80 | 79 | 81 | 80 | 79 | 79 | 78 | 78 |    | 79                |
| 17                      | 78 | 78 | 78 | 78 | 79 | 81 | 79 | 78 | 78 | 75 | 77 | 80 | 80 | 80 | 82 | 83 | 81 | 80 | 80 | 79 | 78 | 78 | 78 | 78 |    | 79                |
| 18                      | 76 | 75 | 75 | 76 | 75 | 79 | 83 | 83 | 79 | 77 | 75 | 72 | 73 | 77 | 77 | 78 | 78 | 78 | 78 | 78 | 77 | 77 | 77 | 77 |    | 77                |
| 19                      | 77 | 76 | 75 | 75 | 74 | 75 | 71 | 67 | 63 | 62 | 68 | 74 | 77 | 77 | 76 | 75 | 77 | 79 | 81 | 81 | 81 | 79 | 78 | 78 |    | 76                |
| 20                      | 75 | 76 | 76 | 77 | 77 | 75 | 73 | 73 | 72 | 73 | 75 | 75 | 74 | 76 | 77 | 79 | 79 | 78 | 78 | 79 | 78 | 76 | 77 | 75 |    | 76                |
| Q 21                    | 77 | 77 | 77 | 77 | 76 | 75 | 75 | 72 | 71 | 71 | 73 | 75 | 77 | 77 | 77 | 77 | 77 | 77 | 77 | 77 | 77 | 77 | 77 | 77 |    | 76                |
| 22                      | 77 | 76 | 76 | 76 | 77 | 77 | 74 | 72 | 70 | 74 | 78 | 78 | 77 | 77 | 80 | 79 | 79 | 80 | 80 | 79 | 78 | 77 | 77 | 76 |    | 77                |
| 23                      | 75 | 75 | 75 | 74 | 72 | 69 | 65 | 65 | 65 | 65 | 67 | 73 | 76 | 75 | 75 | 75 | 75 | 76 | 79 | 79 | 77 | 77 | 75 | 76 |    | 73                |
| 24                      | 76 | 76 | 75 | 75 | 75 | 76 | 79 | 78 | 73 | 68 | 68 | 70 | 72 | 74 | 75 | 76 | 76 | 77 | 77 | 78 | 77 | 77 | 76 | 76 |    | 75                |
| 25                      | 75 | 75 | 75 | 75 | 73 | 74 | 75 | 76 | 77 | 74 | 73 | 75 | 75 | 77 | 78 | 79 | 79 | 79 | 79 | 79 | 79 | 76 | 79 | 78 |    | 76                |
| Q 26                    | 77 | 77 | 77 | 78 | 77 | 76 | 77 | 79 | 80 | 78 | 80 | 81 | 79 | 76 | 78 | 78 | 79 | 79 | 78 | 78 | 78 | 77 | 77 | 77 |    | 78                |
| Q 27                    | 77 | 77 | 77 | 77 | 77 | 78 | 75 | 72 | 68 | 66 | 69 | 71 | 72 | 75 | 75 | 77 | 79 | 79 | 79 | 79 | 79 | 78 | 78 | 77 |    | 75                |
| 28                      | 77 | 77 | 77 | 76 | 76 | 77 | 77 | 76 | 74 | 71 | 72 | 75 | 77 | 75 | 75 | 76 | 76 | 77 | 78 | 78 | 81 | 83 | 82 | 82 |    | 77                |
| D 29                    | 81 | 80 | 79 | 79 | 79 | 78 | 76 | 75 | 75 | 76 | 79 | 80 | 81 | 81 | 82 | 83 | 83 | 84 | 85 | 85 | 85 | 85 | 85 | 84 |    | 81                |
| D 30                    | 83 | 81 | 79 | 77 | 77 | 77 | 80 | 83 | 82 | 83 | 85 | 87 | 93 | 91 | 92 | 88 | 93 | 94 | 94 | 93 | 93 | 87 | 83 | 81 |    | 86                |
| D 31                    | 80 | 83 | 83 | 84 | 83 | 83 | 81 | 80 | 79 | 80 | 84 | 87 | 90 | 87 | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 84 | 84 | 83 |    | 84                |
| Среднее по<br>всем дням | 78 | 77 | 77 | 77 | 77 | 77 | 76 | 75 | 73 | 72 | 75 | 77 | 78 | 78 | 79 | 79 | 80 | 80 | 81 | 80 | 79 | 79 | 78 | 78 |    | 78                |

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

Обработал Белитамбили Ж.А. Проверил Чикадзе Т.И.

Ведомство Инст. Геофизики АН Груз. ССР  
Обсерватория ГГШИСИ (Душети) Широта 42°05' Долгота 44°42'

Среднемесячн. D = 4°55'1

Элемент Склонение

Месяц Февраль Год 1977

D = 4°42'0

| Время<br>мировое        |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | Средн.<br>суточн. |      |
|-------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------------------|------|
|                         | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 19   | 20   | 21   | 22   | 23   | 24   |                   |      |
| 1                       | 13.7 | 13.0 | 13.5 | 13.7 | 13.0 | 13.3 | 13.2 | 12.8 | 12.4 | 12.4 | 12.8 | 13.3 | 13.7 | 13.7 | 13.7 | 13.5 | 13.2 | 13.0 | 13.3 | 13.5 | 13.5 | 13.7 | 13.3 | 13.7              | 13.3 |
| D 2                     | 15.2 | 15.0 | 13.7 | 13.7 | 13.3 | 13.5 | 13.5 | 13.3 | 12.8 | 11.3 | 12.2 | 12.2 | 12.2 | 13.3 | 12.6 | 12.8 | 12.9 | 13.0 | 13.3 | 14.5 | 13.9 | 13.9 | 13.5 | 13.7              | 13.3 |
| 3                       | 14.2 | 13.5 | 12.8 | 12.8 | 12.2 | 12.4 | 12.9 | 13.2 | 12.7 | 12.0 | 11.3 | 11.3 | 11.9 | 12.4 | 12.3 | 12.4 | 12.4 | 12.7 | 13.4 | 13.9 | 14.3 | 13.9 | 14.1 | 12.4              | 12.8 |
| Q 4                     | 12.6 | 13.0 | 12.8 | 12.8 | 12.6 | 13.0 | 12.8 | 12.2 | 11.3 | 11.5 | 11.9 | 12.7 | 13.5 | 13.3 | 12.8 | 12.4 | 12.4 | 12.6 | 12.9 | 13.0 | 12.8 | 12.8 | 12.7 | 12.4              | 12.6 |
| 5                       | 12.4 | 12.2 | 11.8 | 11.6 | 11.8 | 12.0 | 11.8 | 11.8 | 11.3 | 10.9 | 11.0 | 12.0 | 12.8 | 12.8 | 12.4 | 12.3 | 12.4 | 12.8 | 13.3 | 13.5 | 13.6 | 13.5 | 13.3 | 12.8              | 12.3 |
| 6                       | 12.8 | 12.4 | 12.8 | 12.8 | 12.4 | 12.2 | 12.6 | 12.2 | 11.8 | 11.1 | 11.4 | 11.9 | 13.0 | 13.5 | 13.3 | 12.0 | 12.6 | 13.5 | 16.0 | 18.6 | 15.6 | 13.9 | 15.2 | 15.4              | 13.3 |
| D 7                     | 15.4 | 13.9 | 12.8 | 12.4 | 11.8 | 11.8 | 12.0 | 12.2 | 11.6 | 11.8 | 12.2 | 12.5 | 13.0 | 13.3 | 13.7 | 12.4 | 13.3 | 13.9 | 15.9 | 14.6 | 14.9 | 14.8 | 14.1 | 13.7              | 13.2 |
| D 8                     | 13.7 | 13.9 | 13.0 | 13.5 | 13.7 | 14.2 | 14.1 | 13.3 | 12.2 | 12.0 | 11.2 | 12.2 | 12.9 | 12.6 | 12.4 | 14.5 | 16.3 | 15.6 | 15.8 | 16.9 | 15.4 | 15.6 | 12.8 | 14.1              | 13.8 |
| D 9                     | 14.8 | 13.7 | 13.5 | 13.8 | 14.5 | 14.3 | 14.5 | 13.7 | 13.6 | 12.8 | 11.8 | 15.0 | 14.1 | 15.6 | 20.1 | 15.2 | 16.9 | 14.3 | 14.1 | 14.1 | 16.3 | 14.5 | 15.0 | 14.8              | 14.6 |
| 10                      | 13.0 | 13.5 | 14.2 | 14.1 | 14.5 | 14.8 | 14.1 | 12.6 | 11.5 | 11.5 | 11.3 | 12.0 | 12.2 | 13.0 | 13.9 | 13.7 | 13.3 | 13.3 | 13.5 | 13.7 | 13.9 | 14.3 | 14.1 | 16.0              | 13.4 |
| 11                      | 15.2 | 14.5 | 14.8 | 14.6 | 14.2 | 14.1 | 13.9 | 13.0 | 11.1 | 9.8  | 10.3 | 11.4 | 12.6 | 16.3 | 14.5 | 14.1 | 13.9 | 14.1 | 13.7 | 13.7 | 14.0 | 13.6 | 12.9 | 13.7              | 13.5 |
| 12                      | 14.3 | 14.3 | 13.9 | 14.1 | 13.9 | 14.5 | 14.3 | 14.1 | 13.3 | 11.8 | 11.5 | 11.5 | 12.6 | 13.5 | 13.0 | 12.9 | 13.0 | 13.0 | 13.0 | 13.3 | 13.5 | 13.3 | 13.1 | 13.3              | 13.3 |
| 13                      | 13.6 | 13.0 | 13.3 | 13.5 | 13.0 | 12.6 | 12.8 | 12.2 | 11.5 | 11.0 | 10.7 | 11.6 | 12.4 | 12.8 | 12.4 | 12.8 | 12.6 | 13.3 | 14.5 | 14.8 | 15.0 | 16.0 | 15.7 | 15.8              | 13.2 |
| 14                      | 14.5 | 14.1 | 13.7 | 13.5 | 13.0 | 13.0 | 13.7 | 13.7 | 13.3 | 11.5 | 10.7 | 10.7 | 11.5 | 12.2 | 12.6 | 12.8 | 13.3 | 13.9 | 14.8 | 14.5 | 14.1 | 15.8 | 14.8 | 14.5              | 13.3 |
| 15                      | 15.0 | 14.3 | 14.3 | 13.7 | 13.3 | 13.7 | 13.7 | 13.3 | 12.0 | 10.6 | 10.5 | 11.3 | 12.3 | 12.3 | 12.0 | 12.4 | 12.7 | 13.5 | 13.3 | 14.1 | 15.4 | 14.7 | 14.5 | 15.6              | 13.3 |
| Q 16                    | 15.8 | 15.6 | 15.3 | 14.1 | 13.7 | 13.7 | 13.7 | 13.3 | 12.2 | 11.3 | 11.3 | 12.0 | 13.0 | 13.3 | 13.3 | 12.8 | 12.8 | 13.0 | 13.0 | 13.6 | 13.5 | 13.5 | 13.3 | 13.0              | 13.3 |
| 17                      | 13.3 | 13.9 | 13.7 | 14.3 | 14.1 | 14.3 | 13.9 | 13.0 | 11.5 | 10.3 | 9.7  | 10.5 | 11.1 | 11.8 | 11.8 | 12.0 | 12.2 | 13.5 | 15.0 | 14.3 | 14.4 | 16.0 | 15.0 | 15.4              | 13.1 |
| D 18                    | 15.2 | 13.7 | 12.6 | 13.5 | 12.2 | 12.4 | 12.4 | 12.0 | 12.2 | 12.0 | 11.6 | 11.5 | 11.8 | 12.0 | 13.0 | 13.0 | 13.7 | 13.4 | 13.6 | 13.9 | 13.7 | 13.3 | 13.3 | 13.0              | 12.9 |
| Q 19                    | 13.0 | 13.0 | 12.2 | 12.6 | 12.8 | 14.1 | 13.7 | 13.0 | 12.4 | 12.0 | 11.2 | 11.2 | 11.5 | 12.0 | 13.3 | 13.3 | 13.2 | 13.7 | 14.3 | 13.7 | 13.7 | 13.5 | 13.7 | 13.3              | 12.9 |
| Q 20                    | 12.8 | 12.4 | 12.4 | 12.2 | 12.6 | 13.7 | 13.7 | 12.8 | 12.0 | 11.5 | 10.7 | 11.1 | 11.5 | 12.4 | 12.4 | 12.2 | 12.2 | 12.2 | 12.8 | 12.8 | 13.0 | 13.0 | 12.4 | 12.2              | 12.4 |
| 21                      | 12.0 | 12.0 | 12.4 | 12.0 | 11.8 | 12.8 | 12.8 | 13.0 | 11.5 | 10.7 | 9.6  | 9.8  | 10.7 | 11.8 | 11.8 | 13.0 | 13.5 | 13.9 | 13.7 | 13.3 | 13.3 | 13.3 | 13.0 | 13.0              | 12.3 |
| 22                      | 13.0 | 12.8 | 13.0 | 13.5 | 14.1 | 15.0 | 15.2 | 14.8 | 13.0 | 11.8 | 10.9 | 10.7 | 11.3 | 12.3 | 12.6 | 12.8 | 13.3 | 13.5 | 14.5 | 16.0 | 15.4 | 14.1 | 13.3 | 13.0              | 13.3 |
| 23                      | 12.4 | 13.3 | 13.0 | 13.3 | 13.7 | 14.8 | 14.5 | 12.6 | 11.8 | 10.7 | 10.0 | 10.7 | 11.5 | 12.8 | 12.9 | 12.4 | 15.4 | 15.6 | 14.3 | 13.9 | 13.9 | 14.2 | 13.0 | 13.3              | 13.1 |
| 24                      | 13.3 | 13.3 | 13.3 | 13.7 | 14.1 | 14.5 | 14.5 | 13.3 | 11.5 | 11.1 | 11.1 | 10.9 | 11.1 | 14.2 | 13.3 | 13.2 | 13.5 | 13.3 | 17.3 | 17.1 | 13.7 | 13.1 | 13.3 | 13.3              | 13.4 |
| 25                      | 13.5 | 12.9 | 13.0 | 13.9 | 14.1 | 14.8 | 14.5 | 13.5 | 12.4 | 11.9 | 11.1 | 10.7 | 11.1 | 12.8 | 12.8 | 12.4 | 12.4 | 12.8 | 13.0 | 13.3 | 13.0 | 13.5 | 15.0 | 14.5              | 13.0 |
| 26                      | 15.0 | 14.1 | 13.3 | 13.3 | 14.0 | 14.3 | 14.8 | 13.7 | 12.0 | 11.1 | 11.2 | 11.5 | 12.2 | 12.8 | 13.2 | 13.5 | 14.1 | 13.7 | 13.3 | 13.3 | 12.8 | 12.8 | 13.0 | 13.3              | 13.2 |
| Q 27                    | 13.3 | 13.3 | 13.3 | 13.5 | 14.1 | 15.0 | 15.4 | 14.5 | 12.0 | 10.9 | 10.9 | 10.9 | 11.5 | 12.4 | 12.8 | 12.6 | 13.0 | 12.8 | 13.0 | 12.9 | 13.3 | 13.0 | 12.8 | 12.8              | 12.9 |
| 28                      | 11.5 | 13.0 | 13.7 | 13.7 | 14.3 | 15.6 | 15.6 | 13.9 | 11.5 | 10.0 | 10.2 | 11.1 | 12.0 | 12.6 | 12.8 | 12.4 | 12.4 | 12.2 | 12.6 | 13.3 | 13.0 | 13.0 | 13.5 | 12.9              | 12.8 |
| 29                      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                   |      |
| 30                      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                   |      |
| 31                      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                   |      |
| Среднее по<br>всем дням | 13.7 | 13.5 | 13.3 | 13.4 | 13.3 | 13.7 | 13.7 | 13.1 | 12.1 | 11.3 | 11.1 | 11.6 | 12.2 | 13.0 | 13.1 | 12.9 | 13.3 | 13.4 | 14.0 | 14.2 | 14.0 | 14.0 | 13.7 | 13.7              | 13.1 |

Q ср. 13.5 13.5 13.2 13.0 13.2 13.9 13.9 13.2 12.0 11.4 11.2 11.6 12.2 12.7 12.9 12.7 12.7 12.9 13.2 13.2 13.3 13.2 13.0 12.7 12.8

D ср. 14.9 14.1 13.1 13.4 13.1 13.2 13.3 12.9 12.5 12.0 11.8 12.7 12.8 13.4 14.4 13.6 14.6 14.0 14.5 14.8 14.8 14.4 13.7 13.9 13.6

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

Обработал Икаидзе Т. И.

Проверил Я. Эбридзе М. А.

Ведомство Инст. Геофизики АН ГС С Р.  
Обсерватория Жбисси (Душети) Широта 42° 05' Долгота 44° 42'

Среднемесячн. H = 24 195<sup>8</sup>

Элемент Горизонтальная составляющая

Месяц Февраль Год 1977

H = 24100<sup>8</sup> + \_\_\_\_\_ = \_\_\_\_\_<sup>0</sup>

| Время<br>мировое<br>ни  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | Средн.<br>суточн. |
|-------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------------------|
|                         | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 19  | 20  | 21  | 22  | 23  | 24  |     |                   |
| 1                       | 86  | 90  | 90  | 84  | 90  | 100 | 95  | 95  | 100 | 102 | 99  | 96  | 100 | 100 | 96  | 92  | 95  | 96  | 100 | 96  | 92  | 92  | 94  | 104 | 95                |
| D 2                     | 90  | 73  | 77  | 86  | 88  | 92  | 107 | 110 | 89  | 92  | 83  | 88  | 88  | 78  | 84  | 90  | 90  | 94  | 92  | 96  | 90  | 98  | 101 | 119 | 91                |
| 3                       | 96  | 90  | 94  | 94  | 104 | 115 | 118 | 111 | 113 | 109 | 108 | 104 | 101 | 105 | 104 | 104 | 101 | 95  | 93  | 94  | 89  | 90  | 93  | 96  | 101               |
| Q 4                     | 98  | 98  | 99  | 101 | 104 | 102 | 101 | 102 | 106 | 108 | 112 | 107 | 103 | 100 | 100 | 104 | 104 | 100 | 101 | 102 | 105 | 105 | 104 | 104 | 103               |
| 5                       | 104 | 106 | 113 | 120 | 122 | 123 | 122 | 106 | 96  | 107 | 116 | 114 | 106 | 104 | 106 | 104 | 102 | 100 | 96  | 95  | 94  | 96  | 100 | 98  | 106               |
| 6                       | 98  | 102 | 102 | 104 | 102 | 107 | 112 | 114 | 118 | 119 | 120 | 108 | 92  | 76  | 77  | 71  | 70  | 62  | 49  | 64  | 70  | 106 | 84  | 80  | 92                |
| D 7                     | 92  | 114 | 98  | 96  | 95  | 95  | 98  | 99  | 105 | 100 | 90  | 90  | 92  | 83  | 92  | 86  | 74  | 86  | 108 | 92  | 80  | 89  | 88  | 94  | 93                |
| D 8                     | 89  | 82  | 90  | 86  | 88  | 98  | 95  | 92  | 88  | 101 | 107 | 108 | 108 | 98  | 89  | 54  | 46  | 60  | 60  | 76  | 80  | 80  | 113 | 100 | 88                |
| D 9                     | 80  | 88  | 88  | 83  | 82  | 77  | 70  | 72  | 77  | 82  | 82  | 71  | 82  | 76  | 66  | 62  | 76  | 77  | 79  | 93  | 107 | 88  | 82  | 81  | 80                |
| 10                      | 90  | 88  | 84  | 84  | 84  | 83  | 88  | 89  | 86  | 93  | 92  | 72  | 70  | 88  | 95  | 86  | 88  | 88  | 86  | 88  | 88  | 86  | 102 | 90  | 87                |
| 11                      | 83  | 90  | 88  | 87  | 83  | 87  | 80  | 83  | 83  | 91  | 81  | 82  | 84  | 54  | 62  | 71  | 72  | 90  | 88  | 88  | 87  | 92  | 100 | 92  | 83                |
| 12                      | 86  | 83  | 88  | 91  | 94  | 93  | 86  | 83  | 87  | 92  | 96  | 100 | 100 | 94  | 95  | 96  | 94  | 95  | 95  | 98  | 104 | 101 | 100 | 100 | 94                |
| 13                      | 96  | 101 | 100 | 96  | 90  | 89  | 92  | 89  | 88  | 95  | 98  | 98  | 98  | 96  | 90  | 92  | 90  | 96  | 98  | 66  | 90  | 101 | 89  | 95  | 93                |
| 14                      | 94  | 96  | 98  | 94  | 94  | 96  | 96  | 95  | 95  | 96  | 100 | 101 | 88  | 66  | 68  | 69  | 72  | 77  | 66  | 68  | 90  | 76  | 82  | 86  | 86                |
| 15                      | 89  | 89  | 92  | 90  | 94  | 98  | 96  | 90  | 90  | 91  | 94  | 96  | 96  | 95  | 87  | 84  | 80  | 98  | 95  | 89  | 86  | 88  | 102 | 90  | 92                |
| Q 16                    | 84  | 89  | 89  | 83  | 89  | 90  | 86  | 94  | 89  | 92  | 100 | 102 | 102 | 96  | 96  | 96  | 94  | 90  | 94  | 94  | 98  | 98  | 100 | 101 | 94                |
| 17                      | 96  | 90  | 96  | 90  | 90  | 86  | 78  | 75  | 76  | 84  | 94  | 96  | 96  | 91  | 89  | 92  | 94  | 88  | 78  | 92  | 94  | 107 | 95  | 89  | 90                |
| D 18                    | 84  | 84  | 98  | 90  | 100 | 88  | 108 | 120 | 113 | 106 | 101 | 96  | 95  | 96  | 89  | 94  | 92  | 88  | 96  | 95  | 102 | 99  | 96  | 97  | 97                |
| Q 19                    | 99  | 102 | 106 | 108 | 106 | 100 | 99  | 104 | 107 | 112 | 113 | 116 | 110 | 104 | 101 | 100 | 84  | 84  | 94  | 98  | 95  | 98  | 98  | 98  | 102               |
| Q 20                    | 102 | 106 | 109 | 110 | 112 | 114 | 113 | 113 | 116 | 111 | 108 | 107 | 107 | 101 | 102 | 105 | 102 | 103 | 106 | 108 | 113 | 106 | 106 | 110 | 108               |
| 21                      | 114 | 113 | 114 | 118 | 124 | 122 | 118 | 108 | 104 | 116 | 125 | 128 | 116 | 94  | 84  | 90  | 86  | 76  | 88  | 93  | 93  | 95  | 96  | 97  | 105               |
| 22                      | 96  | 101 | 104 | 107 | 108 | 108 | 107 | 107 | 99  | 96  | 102 | 110 | 104 | 100 | 90  | 80  | 83  | 88  | 113 | 108 | 96  | 95  | 100 | 106 | 100               |
| 23                      | 104 | 100 | 96  | 104 | 106 | 101 | 98  | 100 | 94  | 100 | 106 | 114 | 102 | 92  | 95  | 90  | 95  | 108 | 77  | 90  | 95  | 90  | 106 | 102 | 99                |
| 24                      | 96  | 95  | 96  | 98  | 96  | 95  | 90  | 94  | 92  | 84  | 90  | 98  | 90  | 89  | 86  | 89  | 96  | 100 | 92  | 107 | 90  | 96  | 95  | 92  | 94                |
| 25                      | 97  | 98  | 98  | 94  | 92  | 86  | 82  | 82  | 80  | 86  | 94  | 96  | 96  | 97  | 96  | 88  | 88  | 94  | 94  | 94  | 106 | 113 | 104 | 108 | 94                |
| 26                      | 98  | 86  | 88  | 92  | 89  | 92  | 94  | 95  | 100 | 104 | 106 | 106 | 100 | 95  | 95  | 90  | 86  | 88  | 95  | 95  | 106 | 101 | 95  | 95  | 95                |
| Q 27                    | 95  | 94  | 96  | 98  | 101 | 101 | 97  | 96  | 100 | 104 | 106 | 107 | 108 | 106 | 105 | 102 | 102 | 102 | 104 | 104 | 106 | 107 | 105 | 104 | 102               |
| 28                      | 112 | 108 | 104 | 104 | 104 | 102 | 90  | 89  | 94  | 107 | 107 | 108 | 112 | 107 | 101 | 100 | 100 | 102 | 106 | 107 | 101 | 104 | 100 | 108 | 103               |
| 29                      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                   |
| 30                      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                   |
| 31                      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                   |
| Среднее по<br>всем дням | 95  | 95  | 96  | 96  | 98  | 98  | 97  | 97  | 96  | 99  | 101 | 101 | 98  | 92  | 91  | 89  | 89  | 90  | 91  | 92  | 95  | 96  | 98  | 98  | 95                |
| Q ср.                   | 96  | 98  | 100 | 100 | 102 | 101 | 99  | 102 | 104 | 105 | 108 | 108 | 106 | 101 | 101 | 101 | 97  | 96  | 100 | 101 | 103 | 103 | 103 | 103 | 102               |
| D ср.                   | 87  | 88  | 90  | 88  | 91  | 90  | 96  | 99  | 94  | 96  | 93  | 91  | 93  | 86  | 84  | 77  | 82  | 81  | 87  | 90  | 92  | 91  | 96  | 98  | 90                |

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

Обработала Эбремидзе М. А.

Проверил Бенситашвили Н. А.

Ведомство Институт Геофизики АН Груз. С. С. Р.  
Обсерватория Тбилиси (Душети) Широта 42° 05' Долгота 44° 42'

Среднемесячн. Z = 42049<sup>8</sup>

Элемент Вертикальная составляющая

Месяц Февраль Год 1947

Z = 41970<sup>8</sup>

| Время<br>мировое        |    | 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |    |
|-------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| ни                      |    | 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |    |
|                         | 1  | 82 | 81 | 81 | 81 | 82 | 83 | 87 | 84 | 80 | 79 | 80 | 83 | 84 | 83 | 83 | 82 | 81 | 81 |
| D                       | 2  | 79 | 81 | 81 | 81 | 81 | 81 | 79 | 75 | 73 | 67 | 71 | 76 | 80 | 81 | 81 | 82 | 82 | 82 |
|                         | 3  | 78 | 79 | 78 | 78 | 76 | 78 | 78 | 75 | 69 | 67 | 70 | 76 | 79 | 77 | 77 | 78 | 79 | 80 |
| Q                       | 4  | 79 | 79 | 79 | 78 | 77 | 79 | 80 | 78 | 76 | 73 | 75 | 79 | 79 | 77 | 77 | 79 | 79 | 79 |
|                         | 5  | 77 | 77 | 76 | 75 | 75 | 77 | 77 | 77 | 76 | 74 | 74 | 77 | 78 | 76 | 77 | 78 | 78 | 79 |
|                         | 6  | 78 | 77 | 77 | 77 | 76 | 76 | 73 | 69 | 65 | 66 | 69 | 74 | 78 | 80 | 81 | 83 | 84 | 84 |
| D                       | 7  | 80 | 77 | 78 | 78 | 78 | 75 | 73 | 76 | 79 | 82 | 84 | 87 | 86 | 85 | 83 | 83 | 85 | 83 |
| D                       | 8  | 81 | 81 | 81 | 80 | 79 | 76 | 76 | 77 | 78 | 79 | 82 | 81 | 78 | 79 | 81 | 87 | 85 | 88 |
| D                       | 9  | 81 | 80 | 79 | 81 | 82 | 82 | 83 | 83 | 82 | 81 | 83 | 84 | 83 | 85 | 87 | 89 | 86 | 86 |
|                         | 10 | 82 | 81 | 81 | 82 | 80 | 78 | 77 | 75 | 74 | 74 | 77 | 82 | 83 | 87 | 86 | 85 | 84 | 84 |
|                         | 11 | 83 | 82 | 82 | 82 | 83 | 84 | 82 | 79 | 75 | 77 | 79 | 81 | 85 | 89 | 89 | 88 | 88 | 85 |
|                         | 12 | 82 | 83 | 82 | 81 | 82 | 82 | 80 | 78 | 79 | 80 | 83 | 87 | 86 | 83 | 82 | 81 | 82 | 81 |
|                         | 13 | 80 | 79 | 79 | 79 | 79 | 79 | 76 | 74 | 73 | 69 | 73 | 77 | 80 | 80 | 80 | 81 | 82 | 81 |
|                         | 14 | 81 | 81 | 80 | 79 | 79 | 77 | 78 | 79 | 75 | 73 | 78 | 83 | 85 | 87 | 86 | 87 | 86 | 87 |
|                         | 15 | 82 | 81 | 80 | 81 | 81 | 79 | 77 | 75 | 73 | 74 | 78 | 82 | 81 | 79 | 81 | 83 | 84 | 83 |
| Q                       | 16 | 83 | 81 | 81 | 81 | 77 | 76 | 80 | 79 | 78 | 77 | 80 | 80 | 80 | 81 | 81 | 81 | 81 | 82 |
|                         | 17 | 79 | 80 | 79 | 81 | 83 | 83 | 83 | 83 | 79 | 79 | 81 | 84 | 85 | 84 | 82 | 82 | 82 | 84 |
| D                       | 18 | 81 | 81 | 80 | 80 | 78 | 75 | 78 | 79 | 78 | 76 | 76 | 76 | 77 | 78 | 81 | 81 | 81 | 81 |
| Q                       | 19 | 78 | 78 | 77 | 76 | 77 | 74 | 69 | 68 | 66 | 63 | 67 | 70 | 73 | 77 | 77 | 78 | 80 | 81 |
| Q                       | 20 | 77 | 76 | 75 | 75 | 77 | 76 | 71 | 71 | 67 | 64 | 65 | 69 | 71 | 74 | 75 | 77 | 76 | 77 |
|                         | 21 | 74 | 74 | 74 | 73 | 74 | 75 | 73 | 69 | 65 | 63 | 67 | 71 | 74 | 79 | 79 | 79 | 80 | 82 |
|                         | 22 | 78 | 77 | 77 | 76 | 76 | 75 | 75 | 72 | 66 | 67 | 72 | 75 | 77 | 78 | 79 | 81 | 81 | 81 |
|                         | 23 | 77 | 77 | 77 | 77 | 79 | 76 | 67 | 63 | 63 | 67 | 71 | 75 | 78 | 80 | 79 | 80 | 79 | 79 |
|                         | 24 | 77 | 77 | 77 | 77 | 77 | 75 | 71 | 69 | 69 | 72 | 73 | 75 | 80 | 80 | 80 | 80 | 79 | 79 |
|                         | 25 | 79 | 78 | 77 | 78 | 78 | 78 | 78 | 74 | 71 | 68 | 68 | 72 | 76 | 79 | 78 | 80 | 80 | 80 |
|                         | 26 | 77 | 78 | 78 | 77 | 77 | 75 | 70 | 64 | 63 | 67 | 71 | 75 | 77 | 78 | 78 | 79 | 79 | 80 |
| Q                       | 27 | 78 | 78 | 79 | 78 | 80 | 81 | 81 | 75 | 72 | 77 | 77 | 80 | 81 | 81 | 79 | 78 | 77 | 78 |
|                         | 28 | 75 | 75 | 75 | 75 | 78 | 77 | 72 | 66 | 68 | 72 | 76 | 78 | 79 | 78 | 77 | 77 | 77 | 77 |
|                         | 29 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|                         | 30 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|                         | 31 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Среднее по<br>всем дням |    | 79 | 79 | 79 | 78 | 79 | 78 | 77 | 74 | 73 | 72 | 75 | 78 | 80 | 81 | 81 | 81 | 81 | 82 |
| Q ср                    |    | 79 | 78 | 78 | 78 | 78 | 77 | 76 | 74 | 72 | 71 | 73 | 76 | 77 | 78 | 79 | 79 | 79 | 80 |
| D ср                    |    | 80 | 80 | 80 | 80 | 80 | 78 | 78 | 78 | 78 | 77 | 79 | 81 | 81 | 82 | 83 | 84 | 84 | 84 |

| 19 | 20 | 21 | 22 | 23 | 24 | Средн.<br>суточн. |
|----|----|----|----|----|----|-------------------|
| 81 | 81 | 81 | 81 | 81 | 78 | 82                |
| 83 | 81 | 82 | 81 | 80 | 77 | 79                |
| 81 | 81 | 82 | 80 | 80 | 80 | 77                |
| 79 | 79 | 79 | 78 | 78 | 78 | 78                |
| 79 | 80 | 80 | 79 | 78 | 78 | 77                |
| 89 | 87 | 87 | 81 | 81 | 82 | 78                |
| 80 | 82 | 83 | 82 | 82 | 80 | 81                |
| 89 | 89 | 87 | 85 | 80 | 79 | 82                |
| 85 | 83 | 80 | 82 | 82 | 83 | 83                |
| 84 | 83 | 83 | 83 | 82 | 83 | 81                |
| 85 | 85 | 84 | 83 | 82 | 81 | 83                |
| 82 | 81 | 80 | 80 | 80 | 80 | 82                |
| 82 | 87 | 83 | 82 | 83 | 81 | 79                |
| 88 | 88 | 83 | 84 | 83 | 82 | 82                |
| 83 | 84 | 85 | 85 | 82 | 81 | 81                |
| 84 | 81 | 80 | 81 | 80 | 79 | 80                |
| 85 | 83 | 83 | 80 | 81 | 81 | 82                |
| 80 | 80 | 79 | 79 | 79 | 79 | 79                |
| 80 | 79 | 79 | 79 | 78 | 77 | 75                |
| 77 | 76 | 75 | 76 | 76 | 75 | 74                |
| 80 | 80 | 79 | 79 | 78 | 78 | 75                |
| 79 | 78 | 78 | 79 | 78 | 77 | 76                |
| 82 | 80 | 80 | 80 | 78 | 77 | 76                |
| 81 | 77 | 79 | 78 | 78 | 79 | 77                |
| 80 | 81 | 79 | 76 | 76 | 76 | 77                |
| 79 | 79 | 77 | 77 | 78 | 77 | 75                |
| 79 | 78 | 77 | 77 | 77 | 77 | 78                |
| 77 | 77 | 77 | 77 | 78 | 76 | 76                |
|    |    |    |    |    |    |                   |
|    |    |    |    |    |    |                   |
|    |    |    |    |    |    |                   |
| 82 | 81 | 81 | 80 | 80 | 79 | 79                |
| 79 | 78 | 78 | 78 | 78 | 77 | 77                |
| 83 | 83 | 82 | 82 | 81 | 80 | 81                |
|    |    |    |    |    |    |                   |
|    |    |    |    |    |    |                   |

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

Обработал Белситашвили Ж. А. Проверил Циклаури И. Т.

Ведомство Инст. Геофизики АН. Груз. С. С. Р  
Обсерватория Абхазии (Душети) Широта 42°05' Долгота 44°42'

Среднемесячн. D = 4°54'9

Элемент Склонение

Месяц Март Год 1977

D = 4°42'0 +

= 0 =

| Время<br>мировое        | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 19   | 20   | 21   | 22   | 23   | 24   | Средн.<br>суточн. |        |
|-------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------------------|--------|
| 1                       | 13.9 | 12.6 | 12.8 | 13.0 | 13.9 | 14.8 | 15.4 | 14.1 | 12.0 | 11.3 | 10.7 | 10.7 | 11.5 | 12.2 | 12.2 | 12.0 | 12.4 | 12.4 | 13.7 | 14.1 | 13.7 | 13.0 | 13.3 | 12.8              | 12.9   |
| Q 2                     | 12.6 | 12.8 | 12.8 | 13.3 | 13.7 | 14.1 | 13.7 | 12.2 | 10.6 | 10.3 | 10.2 | 10.3 | 11.1 | 12.4 | 12.2 | 11.8 | 12.5 | 12.8 | 12.9 | 13.0 | 13.0 | 12.8 | 13.2 | 12.2              | 12.4   |
| Q 3                     | 13.0 | 13.0 | 13.0 | 13.0 | 13.9 | 14.3 | 13.5 | 12.0 | 10.3 | 9.4  | 9.2  | 9.4  | 10.5 | 11.5 | 12.0 | 12.0 | 12.2 | 12.6 | 12.6 | 12.8 | 12.8 | 12.6 | 12.6 | 12.6              | 12.1   |
| Q 4                     | 12.4 | 12.5 | 12.8 | 12.9 | 14.1 | 15.0 | 15.0 | 13.5 | 11.5 | 10.3 | 10.0 | 10.5 | 11.8 | 12.6 | 12.2 | 11.8 | 11.9 | 12.0 | 12.6 | 12.8 | 12.6 | 12.6 | 12.4 | 12.2              | 12.4   |
| Q 5                     | 12.4 | 12.4 | 12.6 | 13.0 | 14.1 | 15.2 | 15.2 | 13.7 | 11.8 | 10.5 | 10.3 | 10.9 | 12.0 | 13.0 | 12.6 | 12.4 | 12.2 | 12.2 | 12.3 | 12.4 | 12.6 | 12.6 | 12.6 | 12.4              | (12.6) |
| 6                       | 12.4 | 12.4 | 12.4 | 12.8 | 14.1 | 15.2 | 15.0 | 13.9 | 11.8 | 15.0 | 9.8  | 9.9  | 11.1 | 12.4 | 12.6 | 12.6 | 12.4 | 12.8 | 13.7 | 14.3 | 14.5 | 13.5 | 12.8 | 12.0              | 12.9   |
| 7                       | 12.0 | 12.4 | 12.4 | 13.0 | 14.3 | 15.4 | 16.0 | 14.5 | 12.0 | 9.8  | 9.2  | 8.8  | 9.4  | 10.7 | 11.5 | 12.0 | 12.4 | 13.0 | 13.0 | 13.2 | 13.0 | 12.8 | 12.8 | 12.8              | 12.4   |
| 8                       | 12.4 | 12.4 | 12.4 | 12.8 | 13.3 | 14.3 | 14.8 | 13.5 | 11.5 | 9.8  | 7.9  | 7.7  | 9.0  | 10.0 | 11.1 | 11.8 | 12.0 | 12.4 | 12.6 | 13.5 | 13.7 | 18.6 | 18.0 | 15.6              | 12.5   |
| D 9                     | 12.8 | 13.5 | 14.1 | 15.4 | 16.3 | 17.0 | 17.1 | 15.6 | 11.5 | 10.5 | 9.9  | 8.8  | 14.3 | 12.2 | 12.2 | 12.8 | 15.6 | 18.0 | 14.3 | 13.9 | 15.4 | 17.1 | 15.4 | 17.1              | 14.2   |
| D 10                    | 15.4 | 12.3 | 14.8 | 15.2 | 16.3 | 17.5 | 16.9 | 15.6 | 13.9 | 11.8 | 9.8  | 9.6  | 10.3 | 12.4 | 12.8 | 13.7 | 13.7 | 13.7 | 15.0 | 14.1 | 13.5 | 14.1 | 13.9 | 12.6              | 13.7   |
| D 11                    | 14.1 | 13.9 | 12.8 | 14.1 | 15.2 | 15.6 | 15.6 | 14.3 | 12.0 | 10.9 | 9.8  | 9.6  | 11.1 | 11.5 | 13.0 | 14.1 | 15.6 | 14.5 | 15.2 | 14.5 | 15.2 | 13.7 | 15.6 | 15.8              | 13.7   |
| D 12                    | 16.0 | 14.3 | 14.3 | 14.3 | 15.4 | 16.3 | 16.3 | 14.5 | 12.3 | 11.3 | 9.6  | 9.8  | 11.1 | 12.4 | 12.8 | 13.3 | 13.9 | 15.2 | 15.4 | 17.6 | 16.7 | 17.1 | 16.3 | 15.6              | 14.2   |
| 13                      | 15.2 | 12.6 | 13.7 | 14.3 | 15.4 | 16.3 | 15.8 | 14.5 | 12.4 | 11.1 | 10.5 | 10.5 | 11.1 | 12.2 | 12.4 | 12.0 | 12.4 | 13.7 | 13.7 | 13.5 | 14.1 | 14.3 | 15.3 | 14.3              | 13.4   |
| 14                      | 15.2 | 14.1 | 13.9 | 12.6 | 13.7 | 14.5 | 14.8 | 13.5 | 11.5 | 10.5 | 9.4  | 9.5  | 10.5 | 12.0 | 12.4 | 12.2 | 12.0 | 12.6 | 13.3 | 13.3 | 13.3 | 13.3 | 13.2 | 13.3              | 12.7   |
| 15                      | 13.3 | 13.3 | 13.3 | 13.7 | 14.8 | 16.0 | 15.4 | 13.5 | 11.3 | 9.5  | 10.0 | 10.9 | 12.6 | 13.5 | 12.8 | 12.0 | 12.2 | 12.6 | 12.8 | 13.0 | 13.0 | 13.0 | 13.2 | 13.2              | 12.9   |
| 16                      | 12.8 | 13.0 | 13.0 | 13.0 | 14.1 | 15.4 | 15.2 | 12.6 | 10.0 | 8.5  | 8.5  | 9.9  | 11.3 | 12.5 | 13.0 | 12.6 | 12.4 | 12.6 | 12.8 | 13.7 | 15.0 | 15.2 | 15.9 | 14.5              | 12.8   |
| 17                      | 14.0 | 13.3 | 13.3 | 14.5 | 15.6 | 16.3 | 15.6 | 13.3 | 10.9 | 9.2  | 7.9  | 9.0  | 10.3 | 11.8 | 12.0 | 12.4 | 13.3 | 15.0 | 16.5 | 15.4 | 14.5 | 14.1 | 13.5 | 13.3              | 13.1   |
| 18                      | 13.5 | 12.3 | 13.7 | 14.1 | 14.5 | 16.3 | 16.0 | 13.7 | 11.5 | 9.4  | 7.7  | 7.7  | 10.3 | 12.0 | 12.4 | 12.4 | 12.4 | 13.3 | 12.8 | 12.6 | 12.6 | 12.4 | 12.8 | 12.8              | 12.5   |
| 19                      | 12.6 | 12.8 | 12.9 | 13.7 | 15.4 | 16.7 | 15.8 | 13.3 | 10.3 | 8.8  | 8.1  | 8.3  | 9.6  | 11.1 | 12.0 | 11.3 | 11.5 | 11.8 | 12.0 | 12.2 | 13.0 | 13.7 | 12.8 | 12.2              | 12.2   |
| 20                      | 10.0 | 11.1 | 12.8 | 13.5 | 15.0 | 16.3 | 15.4 | 13.3 | 11.5 | 10.0 | 9.8  | 9.4  | 10.3 | 11.8 | 12.4 | 12.0 | 12.4 | 13.3 | 13.7 | 14.5 | 14.5 | 16.3 | 15.6 | 13.7              | 12.9   |
| 21                      | 13.6 | 13.3 | 13.3 | 14.1 | 15.2 | 15.8 | 15.4 | 13.3 | 10.9 | 9.4  | 8.5  | 8.5  | 9.4  | 11.1 | 12.2 | 12.0 | 12.4 | 13.5 | 14.8 | 16.5 | 16.5 | 15.4 | 13.9 | 14.1              | 13.0   |
| 22                      | 12.0 | 12.8 | 13.0 | 13.5 | 14.5 | 14.5 | 13.7 | 12.4 | 10.9 | 9.4  | 8.9  | 10.3 | 11.5 | 12.6 | 13.0 | 12.2 | 12.4 | 12.8 | 13.0 | 13.0 | 13.3 | 13.3 | 13.3 | 13.0              | 12.5   |
| 23                      | 13.3 | 13.0 | 12.8 | 13.3 | 14.5 | 16.0 | 16.0 | 13.9 | 11.1 | 8.5  | 7.9  | 8.3  | 10.0 | 11.5 | 12.0 | 11.5 | 11.8 | 14.5 | 16.0 | 16.7 | 17.8 | 14.8 | 14.1 | 13.7              | 13.0   |
| 24                      | 15.8 | 14.5 | 14.1 | 15.2 | 16.9 | 17.1 | 16.0 | 14.8 | 12.4 | 10.3 | 9.4  | 9.0  | 10.5 | 11.8 | 12.4 | 12.6 | 14.8 | 13.0 | 13.0 | 13.7 | 14.1 | 13.9 | 13.3 | 13.3              | 13.4   |
| 25                      | 13.3 | 12.6 | 12.8 | 13.9 | 15.6 | 16.5 | 16.3 | 13.9 | 11.5 | 10.0 | 8.1  | 9.2  | 9.6  | 10.7 | 11.8 | 12.2 | 12.2 | 12.4 | 13.3 | 14.3 | 15.8 | 15.2 | 13.5 | 13.7              | 12.8   |
| D 26                    | 13.3 | 12.0 | 12.4 | 11.1 | 12.4 | 15.0 | 15.8 | 15.0 | 13.5 | 12.0 | 9.8  | 10.3 | 10.9 | 11.8 | 12.8 | 15.0 | 14.5 | 14.1 | 14.1 | 13.7 | 13.5 | 13.5 | 13.3 | 13.3              | 13.0   |
| 27                      | 13.3 | 13.3 | 13.5 | 13.7 | 15.0 | 16.2 | 15.6 | 14.1 | 11.3 | 8.1  | 6.4  | 6.8  | 8.5  | 10.3 | 11.3 | 11.5 | 11.8 | 12.0 | 12.4 | 13.3 | 13.9 | 13.9 | 13.9 | 13.7              | 12.2   |
| 28                      | 13.9 | 14.1 | 13.5 | 14.1 | 14.8 | 16.3 | 17.5 | 16.5 | 14.3 | 10.9 | 9.0  | 9.0  | 9.8  | 11.8 | 12.6 | 12.8 | 14.5 | 15.4 | 14.5 | 14.5 | 14.5 | 15.0 | 15.0 | 15.2              | 13.7   |
| 29                      | 15.0 | 13.5 | 12.6 | 12.3 | 14.1 | 15.4 | 15.4 | 14.1 | 11.5 | 9.0  | 7.7  | 8.8  | 10.3 | 12.0 | 12.8 | 12.6 | 13.9 | 13.3 | 12.8 | 13.0 | 13.3 | 13.0 | 13.0 | 13.0              | 12.6   |
| 30                      | 13.3 | 13.3 | 13.6 | 14.5 | 16.3 | 17.3 | 16.3 | 13.0 | 10.7 | 9.4  | 9.4  | 10.5 | 12.0 | 12.8 | 13.3 | 13.0 | 13.1 | 13.6 | 12.8 | 12.8 | 12.6 | 12.6 | 12.8 | 12.8              | 13.0   |
| Q 31                    | 12.6 | 13.0 | 13.5 | 13.7 | 14.8 | 15.8 | 15.0 | 12.8 | 9.7  | 8.8  | 9.0  | 9.9  | 11.1 | 12.2 | 12.6 | 12.0 | 12.3 | 12.3 | 12.4 | 12.4 | 12.5 | 12.6 | 12.6 | 12.8              | 12.4   |
| Среднее по<br>всем дням | 13.4 | 13.0 | 13.2 | 13.6 | 14.7 | 15.8 | 15.5 | 13.8 | 11.6 | 10.1 | 9.1  | 9.4  | 10.7 | 11.9 | 12.4 | 12.4 | 12.9 | 13.3 | 13.5 | 13.8 | 14.0 | 14.1 | 13.9 | 13.5              | 12.9   |
| Ср. Q                   | 12.6 | 12.7 | 12.9 | 13.2 | 14.1 | 14.9 | 14.5 | 12.8 | 10.8 | 9.9  | 9.7  | 10.2 | 11.3 | 12.3 | 12.3 | 12.0 | 12.2 | 12.4 | 12.6 | 12.7 | 12.7 | 12.7 | 12.7 | 12.4              | 12.4   |
| Ср. D                   | 14.3 | 13.2 | 13.7 | 14.0 | 15.1 | 16.3 | 16.3 | 15.0 | 12.6 | 11.3 | 9.8  | 9.6  | 11.5 | 12.1 | 12.7 | 13.8 | 14.7 | 15.1 | 14.8 | 14.8 | 14.9 | 15.1 | 14.9 | 14.9              | 13.8   |

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

Обработал Шуклаури И. Г. Проверил Зорендзе М. А.

Ведомство Инст. Геофизики АН Груз. С. С. Р.  
 Обсерватория Жбумиси (Душети) Широта 42°05' Долгота 44°42'  
 Месяц Март Год 1977

Среднемесячн. H = 24198<sup>h</sup>

Элемент Горизонтальная составляющая

H = 24100<sup>h</sup>

| Дни                     | Время<br>мировое |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | Средн.<br>суточн. |     |
|-------------------------|------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------------------|-----|
|                         |                  | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 19  | 20  | 21  | 22  | 23  | 24  |                   |     |
| 1                       |                  | 105 | 102 | 106 | 109 | 113 | 112 | 113 | 108 | 102 | 112 | 114 | 118 | 114 | 108 | 108 | 100 | 94  | 88  | 83  | 95  | 92  | 130 | 101 | 98                | 105 |
| Q 2                     |                  | 98  | 101 | 102 | 101 | 100 | 95  | 90  | 90  | 89  | 96  | 101 | 100 | 102 | 104 | 104 | 100 | 98  | 98  | 98  | 102 | 113 | 110 | 104 | 114               | 100 |
| Q 3                     |                  | 108 | 104 | 107 | 107 | 103 | 101 | 104 | 106 | 107 | 106 | 112 | 114 | 118 | 113 | 104 | 100 | 102 | 106 | 107 | 108 | 107 | 108 | 107 | 106               | 107 |
| Q 4                     |                  | 107 | 106 | 106 | 107 | 109 | 110 | 108 | 107 | 108 | 114 | 118 | 119 | 119 | 118 | 117 | 112 | 110 | 108 | 112 | 112 | 112 | 108 | 114 | 110               | 111 |
| Q 5                     |                  | 110 | 106 | 107 | 108 | 108 | 107 | 112 | 112 | 110 | 114 | 113 | 113 | 116 | 109 | 102 | 102 | 102 | 104 | 104 | 107 | 107 | 108 | 108 | 106               | 108 |
| 6                       |                  | 106 | 106 | 108 | 108 | 112 | 108 | 110 | 112 | 114 | 113 | 117 | 114 | 111 | 92  | 83  | 82  | 96  | 104 | 96  | 92  | 90  | 96  | 96  | 102               | 103 |
| 7                       |                  | 104 | 101 | 102 | 110 | 108 | 104 | 100 | 93  | 87  | 84  | 89  | 95  | 94  | 94  | 90  | 84  | 83  | 92  | 101 | 104 | 107 | 107 | 108 | 103               | 98  |
| 8                       |                  | 104 | 102 | 106 | 108 | 112 | 113 | 114 | 112 | 112 | 117 | 122 | 118 | 119 | 124 | 118 | 106 | 89  | 88  | 104 | 98  | 104 | 104 | 82  | 76                | 106 |
| D 9                     |                  | 94  | 90  | 84  | 89  | 77  | 82  | 66  | 64  | 84  | 82  | 86  | 78  | 42  | 62  | 78  | 84  | 100 | 62  | 72  | 84  | 84  | 98  | 106 | 84                | 80  |
| D 10                    |                  | 82  | 92  | 78  | 72  | 71  | 66  | 64  | 71  | 63  | 70  | 80  | 85  | 89  | 87  | 88  | 79  | 82  | 80  | 74  | 84  | 90  | 94  | 96  | 102               | 81  |
| D 11                    |                  | 92  | 86  | 92  | 92  | 88  | 84  | 82  | 78  | 74  | 72  | 81  | 88  | 88  | 87  | 84  | 80  | 90  | 92  | 92  | 98  | 92  | 106 | 94  | 92                | 88  |
| D 12                    |                  | 88  | 89  | 83  | 82  | 84  | 81  | 80  | 71  | 64  | 72  | 96  | 101 | 102 | 102 | 94  | 86  | 80  | 107 | 88  | 83  | 84  | 76  | 84  | 80                | 86  |
| 13                      |                  | 84  | 82  | 86  | 86  | 86  | 80  | 88  | 92  | 95  | 89  | 88  | 90  | 89  | 86  | 86  | 88  | 89  | 77  | 78  | 89  | 94  | 102 | 96  | 100               | 88  |
| 14                      |                  | 94  | 92  | 88  | 92  | 106 | 100 | 96  | 94  | 100 | 108 | 112 | 108 | 96  | 96  | 92  | 94  | 95  | 94  | 90  | 95  | 96  | 96  | 104 | 97                | 97  |
| 15                      |                  | 97  | 94  | 94  | 94  | 94  | 94  | 90  | 90  | 99  | 100 | 98  | 99  | 96  | 104 | 102 | 100 | 98  | 96  | 97  | 97  | 97  | 97  | 96  | 96                | 97  |
| 16                      |                  | 99  | 101 | 100 | 99  | 95  | 96  | 95  | 104 | 116 | 120 | 118 | 114 | 109 | 100 | 98  | 96  | 98  | 100 | 96  | 91  | 92  | 89  | 78  | 82                | 99  |
| 17                      |                  | 88  | 90  | 95  | 95  | 84  | 83  | 84  | 90  | 95  | 98  | 96  | 88  | 83  | 76  | 71  | 80  | 70  | 59  | 78  | 98  | 94  | 89  | 92  | 95                | 86  |
| 18                      |                  | 92  | 102 | 100 | 92  | 101 | 101 | 92  | 91  | 90  | 94  | 101 | 96  | 90  | 101 | 101 | 96  | 92  | 100 | 106 | 107 | 107 | 110 | 107 | 106               | 99  |
| 19                      |                  | 107 | 106 | 107 | 108 | 106 | 95  | 90  | 94  | 98  | 104 | 109 | 113 | 114 | 112 | 112 | 114 | 116 | 113 | 114 | 107 | 102 | 100 | 102 | 106               | 106 |
| 20                      |                  | 118 | 126 | 110 | 108 | 113 | 108 | 110 | 107 | 114 | 108 | 106 | 108 | 107 | 106 | 102 | 98  | 100 | 92  | 84  | 84  | 95  | 120 | 96  | 98                | 105 |
| 21                      |                  | 100 | 102 | 106 | 107 | 108 | 102 | 95  | 94  | 93  | 96  | 101 | 107 | 106 | 106 | 102 | 102 | 96  | 77  | 72  | 83  | 82  | 87  | 82  | 80                | 95  |
| 22                      |                  | 90  | 88  | 88  | 90  | 88  | 86  | 88  | 92  | 101 | 111 | 107 | 106 | 107 | 100 | 95  | 93  | 96  | 96  | 100 | 101 | 100 | 98  | 98  | 98                | 97  |
| 23                      |                  | 99  | 102 | 106 | 108 | 107 | 106 | 98  | 86  | 79  | 90  | 94  | 95  | 89  | 96  | 104 | 100 | 99  | 90  | 82  | 68  | 82  | 82  | 91  | 113               | 94  |
| 24                      |                  | 102 | 86  | 88  | 86  | 96  | 88  | 86  | 89  | 95  | 98  | 100 | 96  | 84  | 88  | 91  | 86  | 82  | 88  | 96  | 94  | 95  | 107 | 96  | 98                | 92  |
| 25                      |                  | 96  | 95  | 101 | 96  | 96  | 96  | 98  | 100 | 106 | 108 | 108 | 107 | 102 | 98  | 96  | 96  | 104 | 106 | 94  | 96  | 119 | 119 | 93  | 97                | 101 |
| D 26                    |                  | 96  | 100 | 96  | 101 | 120 | 112 | 108 | 102 | 100 | 102 | 102 | 96  | 92  | 84  | 76  | 72  | 60  | 80  | 82  | 92  | 94  | 94  | 95  | 95                | 94  |
| 27                      |                  | 96  | 101 | 100 | 101 | 100 | 100 | 120 | 131 | 134 | 126 | 122 | 122 | 119 | 108 | 110 | 114 | 112 | 116 | 114 | 106 | 104 | 94  | 98  | 116               | 111 |
| 28                      |                  | 105 | 95  | 95  | 101 | 100 | 100 | 95  | 95  | 86  | 93  | 96  | 95  | 92  | 92  | 84  | 78  | 76  | 76  | 78  | 83  | 92  | 108 | 106 | 101               | 93  |
| 29                      |                  | 95  | 102 | 116 | 107 | 102 | 103 | 96  | 94  | 100 | 108 | 119 | 120 | 114 | 106 | 104 | 102 | 98  | 102 | 102 | 102 | 110 | 107 | 102 | 100               | 105 |
| 30                      |                  | 100 | 102 | 106 | 105 | 102 | 96  | 101 | 107 | 108 | 118 | 118 | 119 | 114 | 108 | 101 | 100 | 99  | 107 | 107 | 104 | 106 | 107 | 108 | 107               | 106 |
| Q 31                    |                  | 109 | 112 | 111 | 112 | 112 | 110 | 112 | 120 | 124 | 124 | 124 | 120 | 112 | 106 | 102 | 104 | 104 | 104 | 107 | 112 | 110 | 112 | 113 | 114               | 112 |
| Среднее по<br>всем дням |                  | 99  | 99  | 99  | 99  | 100 | 97  | 96  | 96  | 98  | 102 | 105 | 105 | 101 | 99  | 97  | 94  | 94  | 94  | 94  | 96  | 98  | 102 | 98  | 99                | 98  |

Ср. Q 106 106 107 107 106 105 105 105 107 111 114 114 115 111 107 103 103 104 106 108 110 109 109 110 108  
 Ср. D 90 91 87 87 88 85 80 77 77 80 89 90 83 84 84 80 82 84 82 88 89 94 95 91 86

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

Обработала Эбремидзе М. А.

Проверил Бегимашвили Ш. А.

Бедомство Инст. Геофизики АН Груз. ССР  
Обсерватория Тбилиси (Душети) Широта 42°05' Долгота 44°42'  
Месяц Март Год 1977

Среднемесячн. Z = 42046<sup>8</sup>

Элемент Вертикальная составляющая

Z = 41970<sup>8</sup> =       ° =       '

| Время<br>мировое        |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | Средн.<br>суточн. |    |
|-------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------------------|----|
|                         | 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 19 | 20 | 21 | 22 | 23 | 24 |                   |    |
| 1                       | 76 | 76 | 76 | 76 | 79 | 78 | 71 | 58 | 59 | 62 | 65 | 69 | 72 | 75 | 75 | 77 | 79 | 80 | 82 | 80 | 81 | 74 | 76 | 77                | 74 |
| Q 2                     | 77 | 77 | 77 | 78 | 79 | 75 | 71 | 66 | 63 | 65 | 63 | 69 | 74 | 76 | 75 | 76 | 77 | 77 | 78 | 78 | 77 | 77 | 75 | 75                | 74 |
| Q 3                     | 75 | 75 | 75 | 75 | 76 | 73 | 71 | 67 | 66 | 67 | 69 | 73 | 77 | 78 | 77 | 77 | 77 | 77 | 76 | 76 | 77 | 76 | 76 | 76                | 74 |
| Q 4                     | 75 | 75 | 76 | 76 | 75 | 72 | 65 | 57 | 51 | 53 | 60 | 66 | 70 | 72 | 71 | 73 | 75 | 75 | 75 | 75 | 75 | 75 | 74 | 74                | 70 |
| Q 5                     | 74 | 75 | 75 | 75 | 74 | 71 | 61 | 57 | 59 | 62 | 68 | 72 | 74 | 75 | 74 | 75 | 75 | 76 | 76 | 76 | 76 | 76 | 75 | 75                | 72 |
| 6                       | 75 | 75 | 75 | 77 | 78 | 74 | 68 | 62 | 59 | 58 | 61 | 68 | 74 | 77 | 78 | 79 | 78 | 77 | 80 | 81 | 80 | 79 | 79 | 77                | 74 |
| 7                       | 77 | 77 | 77 | 77 | 77 | 75 | 68 | 59 | 59 | 64 | 67 | 70 | 75 | 78 | 79 | 81 | 82 | 81 | 79 | 79 | 78 | 77 | 77 | 76                | 75 |
| 8                       | 77 | 77 | 76 | 75 | 76 | 76 | 73 | 66 | 67 | 66 | 65 | 70 | 75 | 77 | 75 | 76 | 80 | 81 | 79 | 79 | 78 | 76 | 78 | 79                | 75 |
| D 9                     | 78 | 77 | 79 | 79 | 79 | 76 | 73 | 65 | 63 | 64 | 65 | 75 | 87 | 87 | 85 | 83 | 82 | 87 | 86 | 84 | 84 | 83 | 79 | 79                | 78 |
| D 10                    | 80 | 79 | 80 | 83 | 82 | 77 | 66 | 61 | 63 | 63 | 65 | 69 | 75 | 79 | 81 | 83 | 83 | 85 | 86 | 84 | 83 | 81 | 81 | 79                | 77 |
| D 11                    | 79 | 80 | 80 | 81 | 82 | 82 | 78 | 71 | 66 | 66 | 68 | 73 | 78 | 81 | 82 | 83 | 83 | 83 | 83 | 82 | 82 | 79 | 79 | 79                | 78 |
| D 12                    | 79 | 79 | 79 | 81 | 83 | 83 | 75 | 67 | 63 | 61 | 63 | 67 | 73 | 77 | 79 | 81 | 83 | 81 | 83 | 83 | 82 | 83 | 81 | 81                | 77 |
| 13                      | 80 | 81 | 80 | 81 | 83 | 82 | 75 | 69 | 69 | 71 | 72 | 72 | 75 | 79 | 80 | 81 | 82 | 85 | 85 | 83 | 82 | 81 | 80 | 79                | 79 |
| 14                      | 79 | 79 | 80 | 79 | 81 | 81 | 75 | 69 | 63 | 61 | 65 | 72 | 80 | 82 | 80 | 80 | 80 | 81 | 81 | 81 | 81 | 81 | 79 | 79                | 77 |
| 15                      | 79 | 79 | 80 | 81 | 83 | 81 | 73 | 66 | 64 | 68 | 73 | 76 | 81 | 81 | 79 | 79 | 81 | 80 | 81 | 80 | 79 | 79 | 79 | 79                | 78 |
| 16                      | 79 | 79 | 79 | 80 | 83 | 81 | 74 | 65 | 60 | 59 | 63 | 67 | 75 | 79 | 77 | 78 | 79 | 79 | 80 | 81 | 81 | 81 | 82 | 81                | 76 |
| 17                      | 81 | 81 | 81 | 83 | 85 | 83 | 73 | 65 | 63 | 63 | 65 | 69 | 77 | 83 | 83 | 81 | 86 | 89 | 87 | 83 | 83 | 82 | 81 | 80                | 79 |
| 18                      | 80 | 79 | 78 | 80 | 79 | 76 | 72 | 66 | 61 | 57 | 59 | 65 | 73 | 77 | 77 | 79 | 81 | 80 | 79 | 79 | 79 | 79 | 79 | 78                | 75 |
| 19                      | 78 | 78 | 78 | 79 | 79 | 73 | 61 | 53 | 53 | 53 | 59 | 66 | 71 | 75 | 73 | 73 | 75 | 75 | 76 | 77 | 77 | 78 | 78 | 77                | 71 |
| 20                      | 76 | 73 | 74 | 75 | 76 | 71 | 62 | 58 | 57 | 59 | 60 | 65 | 72 | 76 | 77 | 77 | 78 | 80 | 82 | 83 | 82 | 78 | 79 | 79                | 73 |
| 21                      | 79 | 79 | 79 | 81 | 82 | 81 | 77 | 70 | 65 | 63 | 65 | 69 | 76 | 79 | 77 | 77 | 79 | 84 | 85 | 83 | 83 | 81 | 82 | 81                | 77 |
| 22                      | 80 | 79 | 80 | 80 | 81 | 81 | 77 | 73 | 69 | 67 | 73 | 77 | 81 | 82 | 80 | 80 | 81 | 81 | 82 | 81 | 81 | 81 | 80 | 79                | 79 |
| 23                      | 79 | 79 | 78 | 80 | 83 | 82 | 74 | 67 | 62 | 58 | 60 | 69 | 75 | 79 | 77 | 78 | 81 | 83 | 85 | 88 | 85 | 85 | 83 | 79                | 77 |
| 24                      | 77 | 78 | 79 | 82 | 83 | 81 | 78 | 75 | 69 | 68 | 70 | 74 | 79 | 80 | 79 | 82 | 84 | 83 | 82 | 83 | 82 | 80 | 80 | 80                | 79 |
| 25                      | 79 | 79 | 78 | 81 | 84 | 81 | 74 | 69 | 65 | 63 | 65 | 70 | 78 | 80 | 79 | 78 | 78 | 79 | 82 | 82 | 77 | 76 | 78 | 77                | 76 |
| D 26                    | 79 | 79 | 79 | 81 | 77 | 75 | 72 | 64 | 59 | 59 | 62 | 68 | 75 | 80 | 83 | 85 | 89 | 87 | 85 | 84 | 83 | 83 | 82 | 82                | 77 |
| 27                      | 81 | 81 | 80 | 81 | 82 | 80 | 71 | 61 | 55 | 51 | 52 | 57 | 66 | 74 | 76 | 75 | 76 | 77 | 78 | 79 | 79 | 80 | 79 | 77                | 73 |
| 28                      | 77 | 77 | 78 | 81 | 85 | 85 | 82 | 76 | 66 | 58 | 60 | 68 | 77 | 81 | 81 | 82 | 85 | 87 | 87 | 85 | 84 | 81 | 81 | 80                | 78 |
| 29                      | 80 | 79 | 79 | 80 | 85 | 84 | 77 | 71 | 62 | 63 | 68 | 74 | 79 | 81 | 79 | 78 | 81 | 81 | 81 | 80 | 79 | 79 | 79 | 79                | 77 |
| 30                      | 79 | 79 | 80 | 83 | 85 | 80 | 71 | 60 | 58 | 60 | 61 | 67 | 71 | 74 | 75 | 76 | 78 | 78 | 78 | 79 | 78 | 78 | 77 | 77                | 74 |
| Q 31                    | 77 | 76 | 76 | 77 | 77 | 75 | 73 | 65 | 60 | 66 | 70 | 76 | 80 | 81 | 77 | 76 | 77 | 77 | 77 | 77 | 77 | 77 | 77 | 76                | 75 |
| Среднее по<br>всем дням | 78 | 78 | 78 | 79 | 80 | 78 | 72 | 65 | 62 | 62 | 65 | 70 | 76 | 79 | 78 | 79 | 80 | 81 | 81 | 81 | 80 | 79 | 79 | 78                | 76 |

Ср. Q 76 76 76 76 76 73 68 62 60 63 66 74 75 76 75 75 76 76 76 76 76 76 76 75 73

Ср. D 79 79 79 81 81 79 73 66 63 63 65 70 78 81 82 83 84 85 85 83 83 82 80 80 77 77

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

Обработал Бенситаишвили Т. Проверил Циклаури И.Т.

Ведомство Инст. Геофизики АН Груз. ССР  
Обсерватория Жбмиси (Душети) Широта 42°05' Долгота 44°42'

Среднемесячн. Д = 4°55'.5

Элемент Склонение

Месяц Апрель Год 1977

Д = 4°42'.0+

= 0 = 0

| Время<br>мировое  | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Дни               |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Q 1               | 12.8 | 12.9 | 13.1 | 13.8 | 14.9 | 15.9 | 15.5 | 13.6 | 11.4 | 9.3  | 8.4  | 9.3  | 10.7 | 11.9 | 12.6 | 12.9 | 12.3 |
| Q 2               | 13.4 | 13.6 | 13.8 | 14.2 | 15.1 | 15.5 | 15.1 | 12.9 | 10.6 | 9.5  | 8.7  | 9.3  | 10.7 | 12.1 | 12.7 | 12.4 | 12.5 |
| 3                 | 13.4 | 12.9 | 14.6 | 13.8 | 15.5 | 16.4 | 15.5 | 13.8 | 12.1 | 10.4 | 8.9  | 9.1  | 11.0 | 12.5 | 13.1 | 12.7 | 12.5 |
| 4                 | 13.4 | 11.2 | 12.3 | 12.5 | 15.1 | 17.7 | 17.7 | 13.1 | 9.9  | 8.4  | 7.8  | 8.3  | 9.9  | 11.2 | 12.3 | 12.0 | 12.5 |
| 5                 | 13.7 | 11.9 | 13.8 | 15.1 | 17.2 | 18.7 | 17.9 | 14.9 | 11.9 | 9.5  | 8.6  | 8.9  | 9.5  | 11.9 | 12.7 | 13.4 | 13.4 |
| D 6               | 12.7 | 12.3 | 13.8 | 14.5 | 16.0 | 17.2 | 17.6 | 15.1 | 12.7 | 10.6 | 9.3  | 9.7  | 10.1 | 10.6 | 11.6 | 12.5 | 15.3 |
| D 7               | 19.4 | 16.8 | 17.0 | 17.5 | 16.3 | 15.5 | 17.0 | 14.1 | 12.5 | 10.8 | 10.1 | 10.4 | 14.4 | 11.9 | 12.1 | 12.5 | 12.7 |
| D 8               | 16.8 | 14.7 | 15.4 | 15.9 | 17.2 | 18.0 | 17.2 | 15.9 | 13.1 | 11.3 | 10.4 | 10.1 | 10.6 | 13.4 | 14.7 | 15.5 | 18.1 |
| 9                 | 15.3 | 14.9 | 14.6 | 15.9 | 16.4 | 16.8 | 15.9 | 14.6 | 12.1 | 9.5  | 9.1  | 10.4 | 11.4 | 13.1 | 17.2 | 15.1 | 14.6 |
| 10                | 14.9 | 15.3 | 15.5 | 15.1 | 16.8 | 17.7 | 16.6 | 14.9 | 13.4 | 11.2 | 9.5  | 9.5  | 10.0 | 11.2 | 12.1 | 13.6 | 13.7 |
| 11                | 14.2 | 14.2 | 13.8 | 15.1 | 16.8 | 16.8 | 15.5 | 13.8 | 12.1 | 11.4 | 11.0 | 11.0 | 10.8 | 12.3 | 13.1 | 13.2 | 13.4 |
| 12                | 14.6 | 14.2 | 15.0 | 16.1 | 17.9 | 19.0 | 17.7 | 13.4 | 9.9  | 8.2  | 7.3  | 9.3  | 11.2 | 12.5 | 13.1 | 12.5 | 12.5 |
| 13                | 14.6 | 14.6 | 15.1 | 15.7 | 16.8 | 17.2 | 15.5 | 12.5 | 10.2 | 9.1  | 9.1  | 10.1 | 11.3 | 12.4 | 12.9 | 12.5 | 12.9 |
| 14                | 12.5 | 12.4 | 13.8 | 15.3 | 17.0 | 17.7 | 16.4 | 12.9 | 9.9  | 8.2  | 8.2  | 9.4  | 10.8 | 12.1 | 12.5 | 12.1 | 12.3 |
| 15                | 14.2 | 13.1 | 13.6 | 15.5 | 17.5 | 18.7 | 16.8 | 14.6 | 11.9 | 9.8  | 8.6  | 9.5  | 10.8 | 12.1 | 13.1 | 13.4 | 13.1 |
| 16                | 13.4 | 13.6 | 13.5 | 14.1 | 15.5 | 15.7 | 15.7 | 12.7 | 9.5  | 8.2  | 7.8  | 8.1  | 10.1 | 10.7 | 10.8 | 11.3 | 14.0 |
| 17                | 14.2 | 15.1 | 15.3 | 15.8 | 17.7 | 18.8 | 17.8 | 14.4 | 11.4 | 9.4  | 9.5  | 10.4 | 11.6 | 13.4 | 14.0 | 13.8 | 13.8 |
| 18                | 13.4 | 13.1 | 14.0 | 15.7 | 17.2 | 17.9 | 16.6 | 13.4 | 11.0 | 9.5  | 9.0  | 9.0  | 10.4 | 12.1 | 13.1 | 12.5 | 12.8 |
| D 19              | 14.6 | 12.7 | 14.6 | 16.7 | 15.5 | 14.7 | 17.0 | 13.3 | 12.8 | 12.0 | 10.1 | 11.4 | 14.2 | 13.9 | 14.1 | 13.8 | 16.4 |
| D 20              | 13.1 | 15.5 | 15.9 | 16.6 | 17.4 | 17.0 | 14.9 | 12.1 | 10.7 | 9.1  | 10.8 | 11.0 | 11.6 | 12.3 | 13.4 | 14.2 | 14.6 |
| 21                | 15.1 | 14.9 | 15.1 | 16.1 | 17.9 | 18.1 | 15.9 | 13.3 | 11.0 | 10.6 | 10.3 | 11.0 | 12.3 | 12.9 | 13.7 | 13.4 | 13.8 |
| 22                | 14.9 | 15.1 | 15.5 | 16.4 | 17.2 | 16.8 | 15.5 | 12.7 | 9.9  | 8.2  | 8.6  | 9.9  | 11.2 | 12.1 | 12.9 | 13.1 | 13.4 |
| 23                | 14.0 | 14.2 | 14.6 | 15.7 | 17.1 | 17.2 | 15.9 | 12.9 | 9.3  | 7.7  | 7.8  | 9.1  | 10.4 | 11.6 | 12.9 | 12.9 | 13.3 |
| 24                | 14.6 | 14.2 | 14.9 | 15.7 | 17.8 | 17.7 | 17.2 | 14.4 | 10.8 | 8.6  | 7.9  | 7.6  | 9.1  | 10.6 | 11.6 | 11.6 | 12.9 |
| 25                | 14.2 | 13.1 | 9.3  | 12.7 | 16.4 | 17.7 | 17.8 | 15.5 | 14.2 | 12.1 | 10.1 | 9.5  | 10.4 | 12.1 | 13.4 | 13.8 | 13.8 |
| Q 26              | 14.1 | 14.4 | 14.9 | 15.9 | 17.2 | 17.7 | 17.2 | 15.1 | 12.5 | 11.0 | 9.9  | 9.7  | 10.4 | 11.4 | 12.5 | 12.9 | 12.9 |
| Q 27              | 13.6 | 14.0 | 14.6 | 15.5 | 16.6 | 16.8 | 15.5 | 13.1 | 10.6 | 9.5  | 9.8  | 10.4 | 11.0 | 12.1 | 12.9 | 12.7 | 12.5 |
| Q 28              | 13.4 | 13.7 | 14.2 | 15.1 | 15.7 | 15.4 | 13.6 | 11.6 | 9.9  | 9.3  | 9.5  | 10.4 | 11.2 | 12.3 | 13.8 | 14.2 | 13.4 |
| 29                | 13.4 | 13.8 | 14.6 | 16.1 | 17.9 | 17.9 | 15.5 | 13.8 | 12.1 | 10.4 | 10.4 | 9.9  | 11.9 | 12.9 | 13.4 | 13.3 | 12.7 |
| 30                | 14.3 | 14.6 | 15.9 | 16.9 | 17.9 | 17.2 | 14.6 | 12.7 | 11.6 | 10.8 | 11.0 | 11.4 | 12.0 | 12.9 | 13.6 | 12.7 | 12.5 |
| 31                |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Среднее по<br>дню | 14.2 | 13.9 | 14.4 | 15.4 | 16.7 | 17.2 | 16.3 | 13.7 | 11.4 | 9.8  | 9.2  | 9.8  | 11.0 | 12.2 | 13.1 | 13.1 | 13.5 |

| 19   | 20   | 21   | 22   | 23   | 24   | Средн.<br>суточн. |
|------|------|------|------|------|------|-------------------|
| 12.5 | 12.5 | 12.7 | 12.7 | 12.9 | 13.1 | 12.5              |
| 12.7 | 12.7 | 12.7 | 12.7 | 12.8 | 13.2 | 12.6              |
| 13.1 | 14.0 | 13.4 | 13.6 | 13.4 | 12.5 | 12.9              |
| 14.6 | 14.0 | 14.0 | 13.6 | 14.3 | 14.9 | 12.7              |
| 15.5 | 14.6 | 14.6 | 13.6 | 14.0 | 13.6 | 13.5              |
| 23.9 | 20.9 | 23.7 | 23.2 | 23.2 | 18.5 | 15.6              |
| 12.9 | 12.3 | 14.4 | 15.0 | 15.7 | 16.8 | 14.2              |
| 15.5 | 14.7 | 15.3 | 14.4 | 13.1 | 14.8 | 14.7              |
| 15.3 | 14.9 | 14.2 | 14.2 | 13.8 | 14.7 | 14.1              |
| 14.4 | 14.2 | 15.1 | 15.1 | 14.6 | 14.0 | 13.9              |
| 16.8 | 17.2 | 15.5 | 14.6 | 14.6 | 14.0 | 14.0              |
| 14.7 | 14.0 | 14.0 | 14.9 | 14.4 | 13.4 | 13.5              |
| 13.0 | 13.4 | 13.4 | 13.6 | 13.6 | 13.8 | 13.2              |
| 14.6 | 14.4 | 14.0 | 14.2 | 14.4 | 14.4 | 13.0              |
| 13.3 | 13.4 | 13.4 | 13.4 | 13.6 | 13.6 | 13.4              |
| 17.1 | 19.1 | 17.2 | 15.5 | 15.1 | 14.9 | 13.3              |
| 13.9 | 13.8 | 13.6 | 13.7 | 13.4 | 14.1 | 13.9              |
| 13.1 | 13.6 | 13.8 | 13.6 | 13.9 | 14.2 | 13.1              |
| 16.8 | 16.4 | 14.9 | 15.2 | 14.6 | 14.0 | 14.4              |
| 14.2 | 14.6 | 15.1 | 14.5 | 14.4 | 14.9 | 13.9              |
| 15.3 | 14.3 | 14.2 | 13.4 | 13.6 | 14.2 | 13.9              |
| 14.2 | 14.0 | 13.6 | 13.8 | 14.0 | 14.2 | 13.4              |
| 13.6 | 14.0 | 14.4 | 14.6 | 14.4 | 14.4 | 13.1              |
| 13.0 | 13.1 | 13.1 | 13.8 | 14.0 | 13.8 | 13.0              |
| 14.0 | 13.8 | 13.8 | 14.2 | 14.2 | 14.0 | 13.5              |
| 13.4 | 13.0 | 13.1 | 13.1 | 13.4 | 13.4 | 13.4              |
| 12.9 | 13.1 | 12.9 | 12.9 | 13.1 | 13.4 | 13.0              |
| 12.7 | 12.3 | 12.5 | 12.3 | 12.7 | 13.0 | 12.7              |
| 12.9 | 13.6 | 15.0 | 15.1 | 13.6 | 14.0 | 13.6              |
| 12.9 | 13.4 | 14.7 | 14.4 | 15.1 | 15.4 | 13.8              |
|      |      |      |      |      |      |                   |
| 14.4 | 14.3 | 14.4 | 14.3 | 14.3 | 14.2 | 13.5              |

Ср. по Q 13.5 13.7 14.1 14.9 15.9 16.3 15.4 13.3 11.0 9.7 9.3 9.8 10.8 12.0 12.9 13.2 12.7 12.7 12.8 12.7 12.8 12.7 13.0 13.2 12.8

Ср. по D 15.3 14.4 15.3 16.2 16.5 16.5 16.7 14.1 12.4 10.8 10.1 10.5 12.2 12.4 13.2 13.7 15.4 15.9 16.7 15.8 16.7 16.5 16.2 15.8 14.6

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

Обработал Чикавдзе Т. И.

Проверила Эбрешидзе М. А.

Бедомство Инст. Геофизики АН. Груз. С. С. Р.  
Обсерватория Жбисиси (Душети) Широта 42°05' Долгота 44°42'

Среднемесячн. H = 24192<sup>8</sup>

Элемент. Горизонтальная составляющая

Месяц Апрель Год 1977

H = 24100<sup>8</sup> + \_\_\_\_\_ = \_\_\_\_\_

| Время<br>мировое        |  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | Средн.<br>суточн. |     |
|-------------------------|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------------------|-----|
| Дни                     |  | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 19  | 20  | 21  | 22  | 23  | 24  |                   |     |
| Q 1                     |  | 112 | 112 | 112 | 108 | 106 | 104 | 95  | 96  | 112 | 122 | 122 | 116 | 108 | 102 | 101 | 104 | 102 | 104 | 106 | 108 | 111 | 113 | 114 | 113               | 108 |
| Q 2                     |  | 110 | 108 | 108 | 110 | 108 | 106 | 102 | 104 | 107 | 106 | 111 | 107 | 104 | 101 | 98  | 100 | 101 | 100 | 102 | 104 | 106 | 112 | 120 | 118               | 106 |
| 3                       |  | 114 | 120 | 96  | 100 | 95  | 96  | 95  | 94  | 101 | 112 | 116 | 104 | 103 | 103 | 104 | 103 | 106 | 108 | 103 | 108 | 106 | 106 | 114 | 122               | 105 |
| 4                       |  | 114 | 110 | 111 | 120 | 100 | 84  | 58  | 88  | 106 | 112 | 113 | 101 | 98  | 88  | 92  | 94  | 94  | 91  | 86  | 92  | 100 | 119 | 102 | 100               | 99  |
| 5                       |  | 92  | 102 | 98  | 93  | 90  | 85  | 79  | 83  | 84  | 90  | 96  | 99  | 100 | 102 | 102 | 96  | 90  | 80  | 82  | 95  | 92  | 108 | 102 | 98                | 93  |
| D 6                     |  | 106 | 113 | 109 | 112 | 104 | 98  | 88  | 100 | 110 | 113 | 110 | 102 | 96  | 96  | 96  | 74  | 59  | 78  | 68  | 72  | 89  | 82  | 72  | 98                | 94  |
| D 7                     |  | 59  | 68  | 52  | 40  | 44  | 50  | 35  | 58  | 64  | 71  | 76  | 59  | 46  | 65  | 78  | 78  | 87  | 88  | 102 | 124 | 77  | 90  | 90  | 89                | 70  |
| D 8                     |  | 102 | 101 | 91  | 94  | 92  | 78  | 65  | 64  | 64  | 52  | 63  | 74  | 76  | 80  | 76  | 48  | 44  | 64  | 92  | 82  | 92  | 84  | 96  | 109               | 78  |
| 9                       |  | 101 | 86  | 76  | 74  | 71  | 76  | 60  | 50  | 64  | 79  | 82  | 88  | 89  | 83  | 76  | 68  | 64  | 76  | 76  | 78  | 84  | 89  | 93  | 83                | 78  |
| 10                      |  | 80  | 82  | 80  | 82  | 83  | 70  | 76  | 78  | 78  | 97  | 102 | 100 | 98  | 87  | 78  | 74  | 82  | 100 | 80  | 93  | 94  | 84  | 83  | 84                | 85  |
| 11                      |  | 90  | 84  | 87  | 86  | 74  | 71  | 71  | 78  | 84  | 90  | 96  | 96  | 88  | 70  | 84  | 92  | 94  | 90  | 85  | 69  | 78  | 82  | 88  | 104               | 85  |
| 12                      |  | 96  | 84  | 87  | 86  | 78  | 71  | 73  | 82  | 94  | 107 | 114 | 112 | 114 | 107 | 92  | 95  | 96  | 94  | 94  | 96  | 91  | 90  | 94  | 106               | 94  |
| 13                      |  | 89  | 86  | 91  | 90  | 83  | 76  | 80  | 91  | 96  | 107 | 114 | 114 | 108 | 101 | 95  | 96  | 97  | 98  | 98  | 99  | 101 | 102 | 106 | 106               | 97  |
| 14                      |  | 110 | 107 | 104 | 103 | 101 | 95  | 84  | 86  | 79  | 98  | 102 | 102 | 100 | 91  | 91  | 93  | 105 | 102 | 115 | 106 | 101 | 98  | 99  | 106               | 99  |
| 15                      |  | 101 | 102 | 102 | 94  | 82  | 82  | 82  | 83  | 88  | 92  | 96  | 90  | 90  | 80  | 78  | 85  | 91  | 96  | 100 | 100 | 100 | 100 | 102 | 102               | 92  |
| 16                      |  | 109 | 108 | 108 | 110 | 107 | 100 | 99  | 112 | 118 | 126 | 134 | 134 | 118 | 114 | 114 | 84  | 92  | 89  | 60  | 92  | 72  | 81  | 84  | 92                | 102 |
| 17                      |  | 89  | 84  | 84  | 82  | 78  | 68  | 58  | 60  | 70  | 78  | 88  | 100 | 99  | 89  | 86  | 85  | 83  | 89  | 100 | 96  | 96  | 95  | 90  | 90                | 85  |
| 18                      |  | 90  | 96  | 96  | 95  | 86  | 81  | 76  | 81  | 91  | 101 | 94  | 88  | 96  | 98  | 93  | 84  | 80  | 90  | 96  | 102 | 104 | 102 | 101 | 101               | 93  |
| D 19                    |  | 99  | 126 | 118 | 102 | 72  | 74  | 23  | 32  | 24  | 23  | 16  | 5   | 23  | 42  | 60  | 60  | 54  | 67  | 52  | 80  | 76  | 72  | 74  | 77                | 60  |
| D 20                    |  | 89  | 70  | 70  | 74  | 77  | 59  | 42  | 58  | 80  | 75  | 90  | 98  | 92  | 85  | 66  | 58  | 78  | 110 | 107 | 82  | 95  | 95  | 86  | 82                | 80  |
| 21                      |  | 77  | 76  | 86  | 85  | 82  | 80  | 76  | 62  | 59  | 82  | 93  | 91  | 86  | 84  | 81  | 82  | 82  | 84  | 93  | 96  | 86  | 91  | 94  | 86                | 83  |
| 22                      |  | 89  | 86  | 83  | 83  | 76  | 65  | 62  | 65  | 76  | 98  | 100 | 94  | 92  | 90  | 86  | 85  | 86  | 95  | 84  | 84  | 90  | 91  | 90  | 94                | 85  |
| 23                      |  | 98  | 96  | 95  | 92  | 86  | 83  | 87  | 86  | 94  | 104 | 107 | 107 | 102 | 92  | 88  | 88  | 92  | 96  | 96  | 96  | 101 | 96  | 92  | 94                | 94  |
| 24                      |  | 92  | 95  | 99  | 94  | 86  | 77  | 68  | 68  | 86  | 92  | 106 | 119 | 113 | 109 | 98  | 90  | 76  | 76  | 100 | 106 | 107 | 108 | 112 | 106               | 95  |
| 25                      |  | 105 | 106 | 108 | 108 | 94  | 86  | 66  | 77  | 70  | 80  | 84  | 92  | 100 | 92  | 87  | 84  | 86  | 89  | 91  | 92  | 94  | 94  | 90  | 92                | 90  |
| Q 26                    |  | 94  | 95  | 98  | 100 | 90  | 84  | 88  | 91  | 98  | 99  | 109 | 108 | 108 | 107 | 103 | 99  | 98  | 100 | 102 | 106 | 104 | 107 | 106 | 102               | 100 |
| Q 27                    |  | 100 | 104 | 105 | 106 | 106 | 100 | 104 | 112 | 125 | 135 | 128 | 118 | 113 | 104 | 102 | 102 | 102 | 104 | 103 | 106 | 106 | 106 | 106 | 106               | 108 |
| Q 28                    |  | 106 | 106 | 106 | 103 | 96  | 92  | 94  | 102 | 114 | 124 | 124 | 117 | 111 | 105 | 100 | 98  | 102 | 102 | 106 | 118 | 119 | 124 | 126 | 122               | 109 |
| 29                      |  | 132 | 126 | 110 | 113 | 95  | 70  | 74  | 65  | 70  | 88  | 98  | 89  | 83  | 95  | 80  | 92  | 98  | 96  | 100 | 95  | 92  | 107 | 104 | 95                | 94  |
| 30                      |  | 98  | 100 | 100 | 98  | 88  | 76  | 86  | 94  | 102 | 112 | 115 | 114 | 108 | 96  | 94  | 100 | 102 | 106 | 106 | 106 | 100 | 106 | 99  | 94                | 100 |
| 31                      |  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                   |     |
| Среднее по<br>всем дням |  | 98  | 98  | 96  | 95  | 88  | 81  | 75  | 80  | 87  | 96  | 100 | 98  | 95  | 92  | 89  | 86  | 87  | 92  | 93  | 96  | 95  | 98  | 98  | 99                | 92  |

Ср. по Q 104 105 106 105 101 97 97 101 111 117 119 113 109 104 101 101 101 102 104 108 109 112 114 112 106  
Ср. по D 91 96 88 84 78 72 51 62 68 67 71 68 67 74 75 64 64 81 84 88 86 85 84 91 76

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

Обработал А. З. Бредихин М. А.

Проверил Бенситашвили И. А.

Ведомство Инст. Геофизики АН Груз. ССР  
Обсерватория Жбигиси (Думети) Широта 42°05' Долгота 44°42'

Среднемесячн. Z = 42050<sup>8</sup>

Месяц Апрель Год 1977

Элемент Вертикальная составляющая

Z = 41970<sup>8</sup> =           

| Время<br>мировое        |  |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |    |    |    |    |    |    |    |    | Средн.<br>суточн. |    |
|-------------------------|--|----|----|----|----|----|----|----|----|----|----|----|----|-----|----|----|----|----|----|----|----|----|----|----|-------------------|----|
| Дни                     |  | 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13  | 14 | 15 | 16 | 17 | 19 | 20 | 21 | 22 | 23 | 24 |                   |    |
| Q 1                     |  | 77 | 76 | 76 | 79 | 81 | 79 | 71 | 65 | 57 | 51 | 57 | 68 | 74  | 78 | 78 | 76 | 78 | 78 | 78 | 78 | 78 | 78 | 77 | 77                | 77 |
| Q 2                     |  | 77 | 77 | 77 | 78 | 82 | 81 | 74 | 68 | 66 | 63 | 62 | 67 | 71  | 75 | 76 | 76 | 77 | 78 | 78 | 78 | 77 | 77 | 76 | 75                | 75 |
| 3                       |  | 76 | 74 | 76 | 80 | 86 | 84 | 77 | 70 | 64 | 60 | 62 | 70 | 75  | 79 | 78 | 76 | 77 | 77 | 79 | 78 | 78 | 76 | 75 | 75                |    |
| 4                       |  | 75 | 76 | 74 | 74 | 80 | 79 | 68 | 54 | 56 | 61 | 66 | 70 | 78  | 83 | 81 | 79 | 80 | 82 | 83 | 82 | 80 | 76 | 78 | 75                |    |
| 5                       |  | 78 | 76 | 78 | 81 | 83 | 80 | 73 | 64 | 58 | 62 | 66 | 71 | 75  | 79 | 79 | 78 | 80 | 84 | 84 | 82 | 82 | 80 | 79 | 79                |    |
| D 6                     |  | 77 | 74 | 75 | 76 | 79 | 78 | 72 | 62 | 54 | 57 | 62 | 66 | 71  | 74 | 78 | 84 | 88 | 85 | 84 | 82 | 76 | 75 | 74 | 74                |    |
| D 7                     |  | 73 | 72 | 76 | 78 | 78 | 77 | 74 | 66 | 62 | 62 | 67 | 76 | 85  | 86 | 83 | 83 | 83 | 84 | 82 | 82 | 86 | 84 | 83 | 78                |    |
| D 8                     |  | 81 | 78 | 79 | 82 | 86 | 86 | 82 | 78 | 73 | 72 | 74 | 79 | 81  | 85 | 88 | 92 | 92 | 90 | 86 | 86 | 84 | 85 | 83 | 79                |    |
| 9                       |  | 77 | 77 | 81 | 83 | 85 | 82 | 79 | 74 | 70 | 71 | 76 | 82 | 87  | 89 | 89 | 89 | 90 | 88 | 89 | 88 | 87 | 86 | 84 | 83                |    |
| 10                      |  | 83 | 83 | 85 | 84 | 83 | 81 | 75 | 69 | 65 | 60 | 62 | 68 | 74  | 82 | 84 | 85 | 85 | 83 | 86 | 84 | 84 | 84 | 84 | 83                |    |
| 11                      |  | 82 | 82 | 83 | 85 | 88 | 85 | 78 | 73 | 71 | 72 | 76 | 79 | 82  | 84 | 82 | 80 | 81 | 83 | 84 | 86 | 85 | 84 | 84 | 81                |    |
| 12                      |  | 80 | 82 | 83 | 86 | 86 | 81 | 69 | 60 | 60 | 63 | 66 | 72 | 78  | 82 | 82 | 80 | 80 | 82 | 83 | 83 | 83 | 84 | 82 | 71                |    |
| 13                      |  | 81 | 82 | 83 | 83 | 84 | 80 | 70 | 68 | 72 | 75 | 76 | 76 | 79  | 80 | 80 | 80 | 80 | 80 | 81 | 80 | 80 | 80 | 80 | 79                |    |
| 14                      |  | 79 | 79 | 78 | 79 | 81 | 78 | 74 | 70 | 70 | 71 | 75 | 82 | 85  | 84 | 82 | 79 | 80 | 82 | 80 | 81 | 81 | 82 | 81 | 79                |    |
| 15                      |  | 79 | 79 | 79 | 80 | 83 | 76 | 67 | 61 | 61 | 63 | 65 | 68 | 73  | 78 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 76                |    |
| 16                      |  | 79 | 79 | 79 | 81 | 83 | 83 | 72 | 62 | 63 | 64 | 64 | 68 | 70  | 73 | 76 | 82 | 83 | 86 | 90 | 85 | 87 | 85 | 84 | 83                |    |
| 17                      |  | 82 | 82 | 84 | 88 | 92 | 88 | 77 | 72 | 71 | 71 | 74 | 79 | 83  | 84 | 83 | 82 | 83 | 82 | 82 | 82 | 82 | 82 | 82 | 81                |    |
| 18                      |  | 82 | 82 | 83 | 85 | 86 | 82 | 75 | 69 | 68 | 72 | 77 | 78 | 81  | 85 | 86 | 84 | 85 | 84 | 84 | 83 | 83 | 83 | 82 | 81                |    |
| D 19                    |  | 82 | 79 | 80 | 84 | 90 | 86 | 85 | 86 | 89 | 89 | 91 | 98 | 100 | 94 | 90 | 90 | 93 | 94 | 95 | 90 | 90 | 90 | 90 | 88                |    |
| D 20                    |  | 84 | 85 | 87 | 89 | 89 | 84 | 75 | 72 | 76 | 81 | 81 | 84 | 86  | 85 | 88 | 90 | 89 | 84 | 88 | 87 | 85 | 85 | 84 | 84                |    |
| 21                      |  | 85 | 85 | 84 | 85 | 86 | 82 | 76 | 72 | 70 | 70 | 74 | 78 | 81  | 84 | 86 | 84 | 85 | 86 | 84 | 84 | 85 | 84 | 83 | 84                |    |
| 22                      |  | 83 | 83 | 84 | 87 | 89 | 86 | 78 | 70 | 67 | 70 | 74 | 74 | 75  | 78 | 81 | 83 | 84 | 84 | 86 | 86 | 84 | 84 | 84 | 83                |    |
| 23                      |  | 82 | 82 | 84 | 85 | 88 | 86 | 79 | 73 | 69 | 72 | 76 | 77 | 79  | 83 | 85 | 85 | 85 | 85 | 84 | 84 | 82 | 82 | 82 | 81                |    |
| 24                      |  | 82 | 83 | 84 | 86 | 89 | 88 | 78 | 72 | 72 | 75 | 77 | 78 | 76  | 80 | 85 | 87 | 88 | 88 | 85 | 84 | 84 | 84 | 83 | 82                |    |
| 25                      |  | 82 | 82 | 86 | 83 | 88 | 88 | 85 | 78 | 78 | 78 | 78 | 76 | 79  | 83 | 85 | 84 | 84 | 86 | 86 | 86 | 86 | 85 | 85 | 84                |    |
| Q 26                    |  | 84 | 84 | 86 | 87 | 89 | 88 | 80 | 72 | 70 | 72 | 73 | 78 | 80  | 82 | 82 | 82 | 82 | 83 | 83 | 82 | 82 | 82 | 82 | 82                |    |
| Q 27                    |  | 82 | 82 | 82 | 83 | 84 | 83 | 76 | 70 | 66 | 70 | 72 | 74 | 75  | 78 | 80 | 79 | 79 | 80 | 80 | 80 | 80 | 80 | 80 | 78                |    |
| Q 28                    |  | 80 | 81 | 82 | 84 | 85 | 79 | 72 | 72 | 74 | 74 | 73 | 74 | 74  | 77 | 79 | 78 | 79 | 80 | 80 | 80 | 80 | 79 | 79 | 78                |    |
| 29                      |  | 77 | 78 | 80 | 81 | 84 | 84 | 78 | 75 | 72 | 72 | 75 | 80 | 85  | 84 | 84 | 81 | 80 | 82 | 82 | 83 | 83 | 80 | 81 | 80                |    |
| 30                      |  | 81 | 82 | 84 | 85 | 87 | 83 | 78 | 79 | 77 | 78 | 80 | 78 | 78  | 82 | 84 | 82 | 80 | 80 | 81 | 82 | 82 | 81 | 81 | 81                |    |
| 31                      |  |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |    |    |    |    |    |    |    |    |                   |    |
| Среднее по<br>всем дням |  | 80 | 80 | 81 | 83 | 85 | 83 | 76 | 70 | 68 | 69 | 72 | 76 | 79  | 82 | 82 | 82 | 83 | 83 | 84 | 83 | 83 | 82 | 82 | 81                | 80 |

Ср. по Q 80 80 81 82 84 82 75 69 67 66 67 72 75 78 79 78 79 80 80 80 80 79 79 79 77  
Ср. по D 79 78 79 82 84 82 78 73 71 72 75 81 85 85 85 88 89 87 87 85 84 84 83 81 82

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

Обработал Белситашвили И. А. Проверил Эбреишвили М. А.

Бедомство Инст. Геофизики АН Груз. ССР  
Обсерватория Жбимиси (Душети) Широта 42° 05' Долгота 44° 42'

Среднемесячн. Φ = 4°55'3

Элемент Склонение

Месяц Май Год 1977

Φ = 4°42'0+

= 0 =

| Время<br>мировое           |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | Средн.<br>суточн. |      |
|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------------------|------|
|                            | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 19   | 20   | 21   | 22   | 23   | 24   |                   |      |
| 1                          | 15.5 | 15.6 | 16.0 | 16.8 | 17.0 | 16.6 | 14.2 | 11.0 | 9.5  | 9.3  | 9.9  | 10.6 | 11.2 | 12.1 | 12.9 | 14.0 | 13.1 | 12.1 | 12.7 | 13.9 | 16.7 | 17.0 | 16.6 | 17.0              | 13.8 |
| D 2                        | 17.2 | 14.6 | 15.7 | 16.1 | 17.0 | 16.6 | 13.3 | 10.1 | 7.9  | 7.3  | 9.5  | 11.6 | 12.4 | 13.4 | 17.2 | 16.4 | 18.9 | 19.6 | 19.4 | 19.6 | 20.9 | 20.2 | 19.4 | 15.5              | 15.4 |
| 3                          | 13.4 | 15.1 | 15.1 | 16.5 | 17.2 | 16.7 | 14.6 | 13.8 | 12.5 | 11.6 | 11.6 | 12.9 | 12.9 | 13.8 | 13.8 | 13.8 | 13.6 | 13.1 | 13.4 | 13.4 | 13.4 | 13.6 | 13.8 | 13.8              | 13.9 |
| 4                          | 14.2 | 14.6 | 15.9 | 17.0 | 17.7 | 17.0 | 14.9 | 12.5 | 9.9  | 8.2  | 8.2  | 8.6  | 9.5  | 10.1 | 11.2 | 11.6 | 9.9  | 11.6 | 14.6 | 15.9 | 15.9 | 15.5 | 15.5 | 13.8              | 13.1 |
| 5                          | 15.3 | 15.9 | 16.4 | 17.4 | 18.3 | 17.9 | 16.1 | 12.9 | 10.1 | 8.2  | 8.0  | 9.1  | 10.4 | 12.1 | 13.4 | 13.8 | 14.2 | 13.8 | 14.4 | 15.1 | 15.3 | 14.6 | 14.6 | 14.9              | 13.8 |
| 6                          | 14.4 | 15.1 | 16.0 | 16.8 | 17.7 | 17.4 | 15.1 | 11.6 | 9.1  | 6.9  | 6.7  | 8.6  | 9.5  | 10.8 | 12.3 | 13.1 | 13.8 | 13.4 | 14.2 | 13.8 | 14.0 | 14.6 | 15.5 | 15.3              | 13.2 |
| 7                          | 14.6 | 14.6 | 14.9 | 15.5 | 16.6 | 16.7 | 15.3 | 13.1 | 10.6 | 8.4  | 7.7  | 9.0  | 10.4 | 11.5 | 12.1 | 12.5 | 12.7 | 12.9 | 13.1 | 13.6 | 13.8 | 14.2 | 15.1 | 15.3              | 13.1 |
| Q 8                        | 15.3 | 15.3 | 16.1 | 17.0 | 17.0 | 16.6 | 14.9 | 12.9 | 10.8 | 9.5  | 9.3  | 9.5  | 9.5  | 10.4 | 11.2 | 11.6 | 11.9 | 12.5 | 12.6 | 13.1 | 13.4 | 13.6 | 13.8 | 13.8              | 13.0 |
| 9                          | 13.6 | 13.7 | 14.4 | 16.4 | 18.1 | 18.3 | 17.2 | 14.6 | 12.1 | 9.7  | 8.4  | 8.4  | 8.6  | 9.9  | 11.6 | 12.9 | 15.3 | 14.7 | 13.8 | 12.9 | 13.3 | 13.1 | 13.6 | 13.6              | 13.3 |
| 10                         | 13.7 | 14.1 | 15.3 | 16.8 | 18.1 | 17.3 | 14.9 | 11.9 | 9.3  | 7.6  | 7.7  | 8.9  | 10.4 | 11.5 | 12.8 | 12.9 | 13.4 | 12.9 | 13.1 | 13.1 | 12.9 | 14.0 | 14.9 | 14.0              | 13.0 |
| D 11                       | 14.2 | 14.4 | 15.5 | 16.4 | 17.4 | 17.0 | 15.1 | 12.9 | 10.1 | 7.6  | 7.8  | 8.4  | 9.1  | 10.5 | 11.4 | 12.1 | 14.4 | 16.4 | 17.7 | 17.4 | 15.9 | 15.9 | 15.3 | 14.6              | 13.6 |
| D 12                       | 14.6 | 15.1 | 16.6 | 18.1 | 19.4 | 18.3 | 14.6 | 12.9 | 11.4 | 9.9  | 9.5  | 10.6 | 11.6 | 12.5 | 13.5 | 14.4 | 14.9 | 15.3 | 15.1 | 14.6 | 14.2 | 14.4 | 14.2 | 14.4              | 14.2 |
| 13                         | 14.6 | 14.9 | 15.8 | 17.1 | 18.1 | 17.9 | 16.8 | 14.9 | 12.1 | 10.4 | 9.9  | 11.2 | 12.1 | 12.5 | 13.4 | 13.7 | 13.6 | 13.6 | 13.8 | 14.4 | 14.4 | 14.2 | 14.6 | 13.8              | 14.1 |
| 14                         | 14.0 | 14.2 | 15.5 | 17.2 | 18.3 | 17.4 | 15.5 | 12.7 | 10.1 | 8.6  | 8.4  | 8.9  | 10.4 | 11.2 | 12.4 | 12.9 | 12.7 | 12.7 | 12.9 | 13.4 | 14.4 | 14.9 | 15.5 | 15.3              | 13.3 |
| 15                         | 15.2 | 14.4 | 14.2 | 16.4 | 16.8 | 16.8 | 14.6 | 11.9 | 9.5  | 8.4  | 8.7  | 9.5  | 10.9 | 12.7 | 14.2 | 14.2 | 13.8 | 13.6 | 14.4 | 14.7 | 14.4 | 14.6 | 15.7 | 14.7              | 13.5 |
| D 16                       | 15.7 | 15.7 | 16.4 | 15.9 | 17.2 | 16.1 | 12.5 | 10.6 | 8.6  | 7.3  | 9.1  | 9.5  | 10.6 | 12.7 | 12.5 | 12.9 | 13.0 | 14.2 | 16.4 | 14.6 | 14.2 | 13.8 | 13.8 | 15.3              | 13.3 |
| D 17                       | 15.9 | 15.9 | 16.1 | 16.4 | 17.7 | 16.8 | 14.6 | 12.7 | 11.0 | 9.3  | 8.6  | 10.1 | 12.1 | 13.8 | 14.2 | 16.4 | 14.6 | 15.1 | 15.1 | 13.8 | 13.6 | 13.6 | 13.8 | 14.0              | 14.0 |
| 18                         | 14.2 | 14.6 | 16.4 | 18.5 | 18.5 | 17.7 | 14.9 | 12.9 | 11.0 | 9.5  | 8.2  | 9.5  | 11.3 | 12.5 | 13.2 | 13.7 | 13.4 | 13.8 | 13.8 | 13.1 | 13.4 | 13.8 | 14.0 | 14.2              | 13.6 |
| 19                         | 14.2 | 14.6 | 16.4 | 17.3 | 17.7 | 16.8 | 15.3 | 12.9 | 10.4 | 9.5  | 9.7  | 10.1 | 10.8 | 11.6 | 12.3 | 12.3 | 12.9 | 13.4 | 14.0 | 13.8 | 13.8 | 13.8 | 14.0 | 14.2              | 13.4 |
| 20                         | 14.6 | 15.3 | 16.4 | 17.7 | 17.7 | 17.2 | 15.9 | 13.4 | 11.2 | 9.7  | 9.1  | 9.3  | 10.4 | 10.3 | 10.4 | 11.0 | 11.6 | 12.1 | 12.5 | 13.8 | 14.6 | 13.8 | 14.2 | 13.8              | 13.2 |
| Q 21                       | 14.2 | 14.6 | 15.9 | 17.3 | 18.3 | 17.9 | 16.6 | 14.2 | 11.0 | 8.6  | 7.7  | 8.1  | 9.9  | 11.8 | 13.0 | 12.7 | 11.9 | 12.1 | 12.7 | 12.7 | 12.9 | 13.4 | 13.1 | 13.8              | 13.1 |
| 22                         | 14.0 | 14.6 | 15.7 | 16.8 | 17.7 | 17.0 | 15.3 | 13.4 | 11.2 | 9.3  | 9.3  | 9.9  | 10.8 | 12.1 | 12.7 | 12.9 | 12.9 | 13.4 | 13.6 | 13.4 | 13.1 | 13.1 | 13.1 | 13.1              | 13.3 |
| 23                         | 13.4 | 14.1 | 15.5 | 16.5 | 16.8 | 17.2 | 16.8 | 14.6 | 11.2 | 8.6  | 8.2  | 8.4  | 9.3  | 9.9  | 11.6 | 12.5 | 12.4 | 12.7 | 12.9 | 12.8 | 13.0 | 12.8 | 13.1 | 12.7              | 12.8 |
| 24                         | 13.4 | 13.7 | 14.4 | 15.1 | 15.7 | 16.0 | 15.7 | 13.4 | 10.6 | 9.1  | 8.9  | 9.1  | 9.1  | 10.4 | 10.8 | 11.2 | 11.6 | 13.6 | 13.4 | 13.6 | 14.6 | 14.2 | 14.2 | 14.4              | 12.8 |
| 25                         | 14.3 | 14.3 | 14.4 | 15.7 | 16.8 | 17.2 | 17.4 | 15.9 | 13.4 | 11.0 | 9.3  | 8.7  | 10.1 | 11.6 | 12.9 | 14.2 | 13.4 | 13.6 | 13.1 | 13.1 | 13.1 | 13.1 | 13.4 | 13.1              | 13.5 |
| Q 26                       | 13.4 | 13.8 | 15.3 | 16.4 | 16.1 | 15.9 | 14.9 | 13.4 | 11.2 | 9.9  | 9.1  | 9.5  | 10.4 | 11.3 | 12.1 | 12.7 | 12.5 | 12.7 | 12.8 | 13.2 | 13.4 | 13.0 | 12.9 | 13.6              | 12.9 |
| Q 27                       | 13.4 | 13.8 | 14.6 | 16.1 | 16.8 | 16.4 | 14.6 | 12.7 | 10.4 | 7.4  | 16.1 | 6.3  | 8.5  | 10.4 | 12.1 | 12.7 | 12.1 | 12.3 | 12.3 | 12.4 | 12.5 | 12.9 | 12.9 | 13.1              | 12.6 |
| 28                         | 13.1 | 13.1 | 13.8 | 14.9 | 15.7 | 14.9 | 13.4 | 11.9 | 10.1 | 8.6  | 8.2  | 8.9  | 10.4 | 11.6 | 12.5 | 12.9 | 12.5 | 12.3 | 12.3 | 13.1 | 13.4 | 13.1 | 12.9 | 12.9              | 12.4 |
| Q 29                       | 13.1 | 13.7 | 15.3 | 17.0 | 17.7 | 17.9 | 16.7 | 14.2 | 11.9 | 9.9  | 8.6  | 9.1  | 9.9  | 11.5 | 12.1 | 12.3 | 12.1 | 12.1 | 12.1 | 12.5 | 12.7 | 12.9 | 13.3 | 13.4              | 13.0 |
| 30                         | 13.4 | 14.0 | 15.3 | 16.3 | 16.6 | 16.9 | 16.1 | 13.6 | 10.8 | 9.1  | 8.5  | 8.6  | 9.9  | 10.8 | 11.6 | 11.6 | 11.2 | 11.2 | 11.6 | 12.1 | 12.7 | 13.4 | 13.4 | 13.4              | 12.6 |
| 31                         | 13.0 | 13.4 | 13.8 | 15.9 | 16.7 | 15.9 | 14.1 | 11.6 | 8.3  | 6.5  | 6.9  | 9.1  | 9.7  | 10.8 | 11.6 | 11.4 | 11.4 | 11.6 | 12.1 | 12.5 | 12.9 | 13.1 | 12.5 | 13.6              | 12.0 |
| Среднее по<br>всем дням    | 14.3 | 14.5 | 15.5 | 16.6 | 17.4 | 17.0 | 15.2 | 12.9 | 10.6 | 8.9  | 8.9  | 9.4  | 10.4 | 11.6 | 12.5 | 13.0 | 13.1 | 13.4 | 13.7 | 13.9 | 14.1 | 14.1 | 14.3 | 14.1              | 13.3 |
| Среднее по<br>сп. дням     | 13.9 | 14.2 | 15.4 | 16.8 | 17.2 | 16.9 | 15.5 | 13.5 | 11.4 | 9.1  | 10.2 | 8.5  | 9.6  | 11.4 | 12.1 | 12.4 | 12.1 | 12.3 | 12.5 | 12.8 | 13.0 | 13.2 | 13.2 | 13.5              | 12.9 |
| Среднее по<br>возмущ. дням | 15.5 | 15.1 | 16.1 | 16.6 | 17.7 | 17.0 | 14.0 | 11.8 | 9.8  | 8.3  | 8.9  | 10.0 | 11.2 | 12.6 | 13.8 | 14.4 | 15.2 | 16.1 | 16.7 | 16.0 | 15.8 | 15.6 | 15.3 | 14.8              | 14.1 |

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

Обработал Чикавдзе Т.И.

Проверил Эбремидзе М.А.

Ведомство Инст. Геофизики АН Груз. ССР  
Обсерватория Тбилиси (Душети) Широта 42°05' Долгота 44°42'

Среднемесячн. H = 24199<sup>h</sup>

Элемент Горизонтальная составляющая

Месяц Май Год 1977

H = 24100<sup>h</sup>

0 =       

| Время<br>мгн. часов        |  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | Средн.<br>суточн. |     |
|----------------------------|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------------------|-----|
| №                          |  | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 19  | 20  | 21  | 22  | 23  | 24  |                   |     |
| 1                          |  | 94  | 90  | 94  | 89  | 84  | 76  | 84  | 99  | 110 | 118 | 118 | 113 | 101 | 94  | 96  | 102 | 102 | 107 | 109 | 107 | 106 | 101 | 102 | 113               | 100 |
| D 2                        |  | 90  | 106 | 96  | 90  | 77  | 56  | 61  | 70  | 83  | 98  | 84  | 74  | 92  | 46  | 32  | 26  | 38  | 86  | 58  | 44  | 95  | 60  | 47  | 59                | 70  |
| 3                          |  | 83  | 70  | 66  | 66  | 60  | 52  | 46  | 48  | 59  | 77  | 78  | 76  | 80  | 78  | 78  | 77  | 82  | 90  | 94  | 95  | 94  | 88  | 82  | 88                | 75  |
| 4                          |  | 90  | 92  | 100 | 96  | 89  | 82  | 86  | 96  | 106 | 120 | 136 | 138 | 136 | 134 | 122 | 118 | 134 | 125 | 104 | 95  | 92  | 84  | 84  | 104               | 107 |
| 5                          |  | 100 | 92  | 96  | 88  | 77  | 70  | 54  | 70  | 92  | 107 | 110 | 104 | 95  | 86  | 81  | 84  | 92  | 100 | 94  | 94  | 88  | 94  | 98  | 92                | 90  |
| 6                          |  | 94  | 92  | 88  | 84  | 82  | 83  | 83  | 82  | 98  | 113 | 108 | 106 | 100 | 84  | 78  | 72  | 78  | 92  | 105 | 97  | 95  | 96  | 93  | 93                | 92  |
| 7                          |  | 96  | 94  | 92  | 88  | 82  | 83  | 80  | 79  | 95  | 110 | 115 | 114 | 108 | 102 | 96  | 96  | 95  | 96  | 100 | 101 | 104 | 114 | 102 | 95                | 97  |
| Q 8                        |  | 96  | 96  | 97  | 96  | 92  | 90  | 88  | 90  | 100 | 110 | 112 | 108 | 108 | 106 | 105 | 106 | 106 | 105 | 104 | 105 | 104 | 104 | 104 | 106               | 102 |
| 9                          |  | 112 | 113 | 116 | 116 | 106 | 95  | 90  | 94  | 100 | 106 | 107 | 110 | 108 | 106 | 104 | 101 | 94  | 96  | 104 | 106 | 106 | 108 | 110 | 112               | 105 |
| 10                         |  | 111 | 108 | 108 | 106 | 98  | 96  | 98  | 83  | 78  | 88  | 90  | 97  | 90  | 92  | 84  | 84  | 95  | 102 | 103 | 102 | 101 | 101 | 102 | 102               | 97  |
| D 11                       |  | 96  | 102 | 106 | 102 | 102 | 102 | 88  | 76  | 72  | 92  | 107 | 120 | 103 | 84  | 72  | 70  | 48  | 45  | 102 | 84  | 80  | 86  | 83  | 94                | 88  |
| D 12                       |  | 94  | 101 | 107 | 98  | 47  | 47  | 48  | 51  | 76  | 88  | 77  | 70  | 64  | 60  | 68  | 72  | 76  | 81  | 82  | 86  | 83  | 82  | 84  | 86                | 76  |
| 13                         |  | 84  | 85  | 86  | 80  | 74  | 72  | 82  | 92  | 98  | 95  | 96  | 100 | 102 | 100 | 97  | 96  | 95  | 100 | 101 | 106 | 101 | 102 | 100 | 98                | 93  |
| 14                         |  | 104 | 110 | 116 | 108 | 90  | 78  | 75  | 88  | 89  | 98  | 112 | 113 | 106 | 102 | 100 | 98  | 100 | 104 | 104 | 104 | 100 | 106 | 104 | 104               | 101 |
| 15                         |  | 95  | 102 | 114 | 102 | 86  | 76  | 82  | 77  | 90  | 82  | 77  | 76  | 76  | 70  | 70  | 80  | 83  | 94  | 107 | 103 | 90  | 92  | 94  | 100               | 88  |
| D 16                       |  | 114 | 95  | 93  | 100 | 70  | 53  | 72  | 84  | 98  | 96  | 94  | 102 | 88  | 88  | 95  | 95  | 98  | 101 | 102 | 94  | 95  | 114 | 112 | 108               | 94  |
| D 17                       |  | 100 | 96  | 101 | 95  | 70  | 60  | 66  | 58  | 64  | 92  | 100 | 78  | 86  | 88  | 88  | 101 | 92  | 90  | 102 | 88  | 90  | 92  | 94  | 96                | 87  |
| 18                         |  | 94  | 92  | 98  | 92  | 77  | 59  | 63  | 64  | 76  | 89  | 96  | 82  | 94  | 96  | 93  | 93  | 98  | 105 | 106 | 100 | 96  | 98  | 96  | 98                | 90  |
| 19                         |  | 99  | 100 | 96  | 92  | 82  | 76  | 76  | 83  | 98  | 112 | 119 | 120 | 112 | 106 | 101 | 101 | 107 | 105 | 112 | 107 | 100 | 101 | 102 | 104               | 100 |
| 20                         |  | 104 | 104 | 106 | 100 | 90  | 79  | 80  | 90  | 90  | 96  | 102 | 101 | 96  | 106 | 104 | 108 | 106 | 107 | 106 | 119 | 124 | 114 | 106 | 106               | 102 |
| Q 21                       |  | 104 | 104 | 104 | 100 | 88  | 71  | 62  | 62  | 76  | 95  | 108 | 114 | 109 | 102 | 100 | 102 | 108 | 112 | 114 | 118 | 116 | 115 | 116 | 118               | 101 |
| 22                         |  | 118 | 119 | 128 | 125 | 120 | 96  | 80  | 87  | 98  | 106 | 107 | 100 | 97  | 96  | 96  | 102 | 105 | 106 | 108 | 108 | 112 | 110 | 111 | 111               | 106 |
| 23                         |  | 120 | 122 | 124 | 120 | 113 | 104 | 100 | 100 | 106 | 114 | 112 | 106 | 104 | 106 | 102 | 93  | 101 | 110 | 111 | 110 | 108 | 114 | 112 | 113               | 109 |
| 24                         |  | 113 | 116 | 116 | 111 | 98  | 94  | 96  | 94  | 96  | 108 | 120 | 122 | 113 | 108 | 105 | 104 | 109 | 114 | 112 | 110 | 110 | 112 | 110 | 114               | 109 |
| 25                         |  | 116 | 116 | 112 | 112 | 101 | 90  | 92  | 88  | 94  | 114 | 118 | 122 | 119 | 111 | 101 | 106 | 108 | 108 | 112 | 112 | 112 | 112 | 110 | 108               | 108 |
| Q 26                       |  | 108 | 112 | 114 | 112 | 106 | 100 | 98  | 102 | 109 | 120 | 120 | 118 | 113 | 106 | 104 | 104 | 107 | 107 | 111 | 110 | 107 | 107 | 106 | 102               | 108 |
| Q 27                       |  | 110 | 111 | 111 | 107 | 98  | 88  | 90  | 96  | 101 | 114 | 126 | 126 | 118 | 111 | 104 | 108 | 114 | 114 | 120 | 118 | 120 | 120 | 118 | 119               | 111 |
| 28                         |  | 118 | 120 | 122 | 120 | 125 | 115 | 105 | 103 | 112 | 119 | 119 | 112 | 102 | 101 | 96  | 101 | 103 | 108 | 113 | 108 | 108 | 113 | 114 | 114               | 111 |
| Q 29                       |  | 114 | 114 | 119 | 118 | 108 | 100 | 92  | 88  | 101 | 116 | 126 | 130 | 126 | 120 | 118 | 118 | 119 | 122 | 122 | 120 | 121 | 120 | 118 | 118               | 115 |
| 30                         |  | 119 | 118 | 120 | 120 | 113 | 106 | 96  | 99  | 104 | 115 | 118 | 115 | 112 | 102 | 104 | 108 | 116 | 122 | 125 | 124 | 118 | 118 | 119 | 119               | 114 |
| 31                         |  | 124 | 123 | 120 | 122 | 116 | 103 | 96  | 100 | 111 | 117 | 120 | 118 | 113 | 102 | 106 | 107 | 111 | 114 | 114 | 114 | 114 | 114 | 114 | 111               | 113 |
| Среднее по<br>всем дням    |  | 104 | 104 | 105 | 102 | 91  | 82  | 81  | 84  | 93  | 104 | 107 | 106 | 102 | 97  | 94  | 95  | 97  | 102 | 105 | 103 | 103 | 103 | 102 | 103               | 99  |
| Среднее<br>по сп. дням     |  | 106 | 107 | 109 | 107 | 98  | 90  | 86  | 87  | 97  | 111 | 118 | 119 | 115 | 109 | 106 | 108 | 111 | 112 | 114 | 114 | 114 | 113 | 112 | 113               | 107 |
| Среднее по<br>803мущ. дням |  | 99  | 100 | 101 | 97  | 73  | 64  | 67  | 68  | 79  | 93  | 92  | 89  | 87  | 73  | 71  | 73  | 70  | 81  | 89  | 79  | 89  | 87  | 84  | 89                | 83  |

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

Обработала Эбремидзе М.А.

Проверил Безситаивилии Я.А.

Ведомство Инст. Геофизики АН Груз. ССР.  
Обсерватория Жбигиши (Душети) Широта 42°05' Долгота 44°42'

Среднемесячн. Z = 42049<sup>8</sup>

Месяц Май Год 1977

Элемент Вертикальная составляющая

Z = 41970<sup>8</sup> 0 =           

| Время<br>мировое<br>ни    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |     |     |     |    |    |    |    |    | Средн.<br>суточн. |    |
|---------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|----|----|----|----|----|-------------------|----|
|                           | 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15  | 16  | 17  | 19  | 20 | 21 | 22 | 23 | 24 |                   |    |
| 1                         | 83 | 84 | 86 | 84 | 82 | 79 | 69 | 66 | 68 | 72 | 76 | 81 | 82 | 82 | 80  | 79  | 81  | 81  | 82 | 83 | 83 | 84 | 83 | 80                | 80 |
| D 2                       | 82 | 80 | 81 | 83 | 84 | 83 | 74 | 69 | 69 | 71 | 74 | 78 | 78 | 92 | 100 | 103 | 101 | 91  | 91 | 94 | 84 | 87 | 88 | 88                | 84 |
| 3                         | 84 | 88 | 91 | 93 | 93 | 92 | 88 | 84 | 81 | 85 | 90 | 90 | 88 | 88 | 88  | 86  | 86  | 86  | 86 | 86 | 86 | 87 | 87 | 86                | 87 |
| 4                         | 86 | 88 | 90 | 90 | 89 | 83 | 78 | 72 | 66 | 68 | 72 | 73 | 75 | 78 | 78  | 76  | 76  | 80  | 84 | 86 | 86 | 86 | 86 | 82                | 80 |
| 5                         | 82 | 85 | 88 | 89 | 89 | 85 | 79 | 74 | 68 | 65 | 66 | 74 | 80 | 84 | 85  | 83  | 83  | 84  | 85 | 85 | 86 | 84 | 84 | 84                | 81 |
| 6                         | 84 | 84 | 88 | 89 | 89 | 84 | 73 | 66 | 62 | 62 | 66 | 70 | 75 | 84 | 88  | 89  | 88  | 86  | 84 | 85 | 85 | 85 | 85 | 85                | 81 |
| 7                         | 84 | 84 | 86 | 88 | 88 | 84 | 78 | 74 | 65 | 59 | 61 | 64 | 71 | 77 | 81  | 81  | 82  | 82  | 83 | 83 | 83 | 81 | 82 | 82                | 78 |
| Q 8                       | 82 | 83 | 85 | 86 | 86 | 83 | 74 | 70 | 72 | 75 | 74 | 72 | 73 | 78 | 81  | 81  | 80  | 81  | 82 | 83 | 83 | 83 | 82 | 82                | 80 |
| 9                         | 82 | 82 | 82 | 84 | 87 | 87 | 82 | 76 | 68 | 66 | 69 | 69 | 73 | 80 | 84  | 84  | 84  | 85  | 84 | 83 | 82 | 82 | 82 | 82                | 80 |
| 10                        | 82 | 83 | 86 | 86 | 83 | 79 | 74 | 73 | 69 | 64 | 64 | 68 | 72 | 77 | 83  | 83  | 82  | 83  | 84 | 84 | 84 | 84 | 84 | 83                | 79 |
| D 11                      | 84 | 84 | 86 | 88 | 86 | 81 | 76 | 74 | 73 | 71 | 73 | 74 | 78 | 85 | 88  | 91  | 99  | 100 | 92 | 89 | 88 | 88 | 88 | 88                | 84 |
| D 12                      | 88 | 89 | 91 | 90 | 93 | 87 | 77 | 72 | 71 | 69 | 73 | 80 | 84 | 86 | 88  | 88  | 89  | 89  | 88 | 88 | 88 | 88 | 88 | 87                | 85 |
| 13                        | 87 | 88 | 90 | 90 | 89 | 87 | 78 | 70 | 68 | 67 | 65 | 66 | 71 | 76 | 81  | 82  | 81  | 82  | 83 | 83 | 84 | 83 | 84 | 83                | 80 |
| 14                        | 83 | 84 | 84 | 86 | 84 | 82 | 78 | 72 | 65 | 61 | 60 | 64 | 72 | 79 | 83  | 84  | 82  | 82  | 84 | 84 | 85 | 85 | 84 | 84                | 79 |
| 15                        | 84 | 85 | 84 | 86 | 86 | 78 | 72 | 71 | 66 | 69 | 74 | 80 | 83 | 88 | 91  | 89  | 88  | 87  | 84 | 84 | 85 | 85 | 84 | 83                | 82 |
| D 16                      | 81 | 84 | 86 | 86 | 88 | 83 | 76 | 68 | 68 | 73 | 78 | 81 | 84 | 87 | 89  | 86  | 84  | 86  | 86 | 85 | 85 | 83 | 82 | 81                | 82 |
| D 17                      | 82 | 86 | 86 | 85 | 87 | 84 | 78 | 74 | 72 | 69 | 68 | 76 | 82 | 85 | 86  | 85  | 87  | 86  | 84 | 86 | 85 | 85 | 84 | 84                | 82 |
| 18                        | 85 | 87 | 89 | 86 | 82 | 78 | 75 | 72 | 68 | 66 | 68 | 73 | 79 | 84 | 85  | 83  | 82  | 82  | 82 | 83 | 83 | 83 | 84 | 83                | 80 |
| 19                        | 84 | 85 | 88 | 87 | 86 | 82 | 80 | 77 | 77 | 76 | 76 | 78 | 82 | 83 | 84  | 83  | 82  | 83  | 82 | 83 | 84 | 83 | 83 | 82                | 82 |
| 20                        | 82 | 84 | 86 | 87 | 88 | 90 | 86 | 79 | 72 | 73 | 79 | 82 | 82 | 81 | 82  | 81  | 84  | 84  | 86 | 84 | 84 | 84 | 84 | 83                | 83 |
| Q 21                      | 83 | 85 | 87 | 89 | 87 | 83 | 77 | 71 | 60 | 58 | 61 | 71 | 76 | 81 | 82  | 80  | 80  | 82  | 82 | 81 | 81 | 81 | 80 | 79                | 78 |
| 22                        | 79 | 82 | 84 | 85 | 82 | 83 | 78 | 72 | 70 | 67 | 70 | 73 | 75 | 79 | 83  | 82  | 80  | 82  | 82 | 81 | 80 | 79 | 80 | 80                | 79 |
| 23                        | 80 | 81 | 82 | 82 | 80 | 78 | 73 | 66 | 62 | 57 | 62 | 66 | 70 | 75 | 79  | 82  | 79  | 79  | 80 | 80 | 81 | 80 | 80 | 80                | 76 |
| 24                        | 79 | 80 | 82 | 84 | 86 | 86 | 80 | 74 | 68 | 63 | 61 | 66 | 73 | 80 | 81  | 79  | 78  | 80  | 81 | 81 | 82 | 81 | 81 | 80                | 78 |
| 25                        | 80 | 82 | 84 | 86 | 87 | 86 | 82 | 75 | 68 | 66 | 67 | 69 | 73 | 78 | 80  | 80  | 81  | 80  | 79 | 79 | 79 | 79 | 80 | 80                | 78 |
| Q 26                      | 80 | 82 | 83 | 80 | 80 | 78 | 74 | 70 | 64 | 61 | 64 | 65 | 68 | 73 | 75  | 76  | 76  | 78  | 78 | 79 | 79 | 79 | 78 | 79                | 75 |
| Q 27                      | 78 | 79 | 80 | 80 | 78 | 73 | 64 | 57 | 58 | 62 | 64 | 66 | 70 | 76 | 79  | 76  | 74  | 77  | 77 | 78 | 77 | 78 | 78 | 78                | 73 |
| 28                        | 78 | 79 | 80 | 81 | 81 | 80 | 73 | 67 | 68 | 68 | 69 | 73 | 76 | 80 | 83  | 81  | 78  | 78  | 79 | 80 | 80 | 80 | 79 | 78                | 77 |
| Q 29                      | 80 | 82 | 84 | 84 | 83 | 81 | 72 | 66 | 61 | 58 | 60 | 66 | 70 | 74 | 78  | 76  | 75  | 76  | 77 | 77 | 78 | 78 | 77 | 77                | 75 |
| 30                        | 77 | 78 | 81 | 82 | 81 | 76 | 66 | 54 | 53 | 56 | 62 | 66 | 70 | 73 | 74  | 76  | 76  | 76  | 77 | 78 | 78 | 78 | 78 | 77                | 73 |
| 31                        | 76 | 78 | 81 | 77 | 71 | 66 | 63 | 62 | 63 | 64 | 66 | 64 | 65 | 70 | 74  | 78  | 78  | 78  | 78 | 77 | 78 | 78 | 79 | 78                | 73 |
| Среднее по<br>всем дням   | 82 | 83 | 85 | 86 | 85 | 82 | 76 | 71 | 67 | 66 | 69 | 72 | 76 | 80 | 83  | 83  | 82  | 83  | 83 | 83 | 83 | 83 | 83 | 82                | 79 |
| Среднее по<br>сп. дням    | 81 | 82 | 84 | 84 | 83 | 80 | 72 | 67 | 63 | 63 | 65 | 68 | 71 | 76 | 79  | 78  | 77  | 79  | 79 | 80 | 80 | 80 | 79 | 79                | 76 |
| Среднее по<br>Возмущ. дн. | 83 | 85 | 86 | 86 | 88 | 84 | 76 | 71 | 71 | 71 | 73 | 78 | 81 | 87 | 90  | 91  | 92  | 90  | 88 | 88 | 86 | 86 | 86 | 86                | 84 |

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

Обработал Бенситаишвили Т.А. Проверил Збрендзе М.А.

Ведомство Инст. Геофизики АН. Груз. ССР  
 Обсерватория Жбигиси (Душети) Широта 42°05' Долгота 44°42'

Среднемесячн.  $\Phi$  = 4°55'2

Элемент Склонение

Месяц Июнь Год 1977

$\Phi$  = 4°42'0

| Время<br>мировое           |    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|----------------------------|----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Дни                        |    | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   |      |
|                            | 1  | 13.7 | 13.7 | 15.0 | 16.7 | 17.3 | 17.8 | 16.2 | 13.0 | 10.5 | 8.7  | 7.9  | 9.2  | 10.4 | 12.0 | 12.8 | 12.4 | 12.2 | 12.6 |
| D                          | 2  | 14.4 | 14.7 | 14.7 | 16.9 | 17.8 | 17.1 | 15.6 | 13.9 | 11.7 | 8.7  | 7.7  | 8.5  | 9.6  | 11.7 | 13.9 | 13.9 | 13.5 | 13.7 |
|                            | 3  | 14.5 | 15.5 | 17.1 | 18.0 | 17.9 | 17.3 | 15.6 | 13.5 | 10.9 | 9.0  | 8.1  | 8.1  | 8.5  | 10.5 | 12.2 | 12.6 | 12.6 | 12.6 |
|                            | 4  | 14.3 | 14.5 | 15.4 | 17.3 | 18.3 | 18.2 | 16.5 | 14.3 | 12.7 | 11.5 | 10.1 | 9.6  | 9.4  | 10.0 | 11.3 | 12.4 | 13.0 | 12.9 |
|                            | 5  | 14.1 | 14.7 | 15.7 | 17.5 | 18.2 | 19.0 | 18.2 | 15.8 | 11.7 | 9.2  | 7.9  | 7.7  | 9.0  | 11.1 | 12.8 | 12.6 | 12.7 | 12.8 |
| Q                          | 6  | 13.5 | 14.2 | 15.4 | 16.9 | 18.2 | 18.8 | 18.2 | 16.0 | 13.5 | 11.2 | 9.4  | 7.7  | 7.9  | 9.4  | 10.9 | 11.7 | 12.4 | 12.8 |
|                            | 7  | 13.5 | 13.8 | 15.0 | 16.5 | 17.5 | 18.2 | 17.5 | 15.4 | 12.2 | 9.9  | 9.2  | 8.3  | 8.7  | 10.0 | 11.7 | 12.2 | 12.2 | 12.4 |
|                            | 8  | 14.0 | 14.3 | 15.4 | 16.9 | 17.5 | 17.4 | 16.0 | 13.9 | 11.1 | 9.4  | 8.6  | 8.0  | 8.3  | 9.4  | 10.0 | 10.2 | 10.8 | 11.0 |
|                            | 9  | 13.9 | 13.9 | 15.0 | 16.4 | 16.9 | 17.3 | 16.5 | 13.2 | 9.8  | 7.9  | 7.4  | 7.9  | 9.4  | 11.3 | 12.2 | 12.0 | 11.8 | 12.2 |
|                            | 10 | 12.8 | 14.5 | 15.7 | 17.3 | 16.9 | 16.9 | 15.2 | 13.9 | 12.0 | 9.6  | 8.3  | 9.2  | 10.7 | 12.2 | 13.5 | 13.8 | 13.5 | 13.5 |
| Q                          | 11 | 14.3 | 15.2 | 16.5 | 18.2 | 18.0 | 17.6 | 15.6 | 13.0 | 10.0 | 8.7  | 8.1  | 8.5  | 10.2 | 12.6 | 13.5 | 13.9 | 13.2 | 13.0 |
| Q                          | 12 | 15.0 | 15.6 | 16.9 | 16.9 | 16.5 | 15.7 | 15.4 | 13.9 | 11.7 | 9.6  | 9.6  | 10.0 | 11.3 | 12.6 | 13.7 | 13.7 | 13.5 | 13.3 |
|                            | 13 | 14.8 | 15.3 | 16.7 | 16.9 | 17.5 | 18.2 | 16.5 | 13.2 | 10.2 | 9.0  | 8.6  | 9.6  | 11.1 | 12.8 | 13.9 | 13.5 | 13.1 | 12.9 |
|                            | 14 | 14.3 | 13.0 | 14.3 | 16.5 | 15.6 | 15.6 | 15.1 | 13.0 | 10.7 | 9.4  | 8.7  | 8.5  | 8.9  | 10.2 | 12.0 | 12.8 | 12.6 | 12.6 |
| Q                          | 15 | 14.1 | 14.7 | 15.6 | 16.7 | 17.3 | 17.1 | 15.8 | 13.9 | 11.1 | 8.5  | 7.5  | 9.0  | 10.0 | 11.1 | 12.2 | 12.6 | 12.6 | 12.6 |
|                            | 16 | 14.3 | 14.7 | 15.6 | 16.7 | 16.7 | 16.9 | 16.0 | 13.9 | 11.7 | 9.6  | 7.7  | 7.0  | 6.2  | 6.6  | 8.1  | 9.4  | 10.7 | 11.1 |
|                            | 17 | 13.9 | 14.7 | 15.8 | 18.0 | 18.0 | 18.8 | 16.9 | 14.5 | 12.8 | 12.2 | 10.5 | 9.6  | 10.0 | 11.1 | 11.7 | 12.6 | 13.0 | 13.0 |
| D                          | 18 | 14.4 | 14.7 | 16.0 | 18.0 | 19.2 | 18.5 | 17.3 | 14.7 | 11.1 | 10.2 | 9.9  | 10.0 | 10.5 | 11.7 | 13.0 | 14.1 | 13.7 | 13.5 |
|                            | 19 | 13.7 | 14.3 | 15.8 | 18.0 | 18.8 | 18.7 | 16.9 | 13.7 | 10.9 | 9.0  | 8.3  | 8.1  | 8.5  | 9.8  | 11.5 | 12.8 | 13.7 | 13.0 |
| D                          | 20 | 11.5 | 11.5 | 13.7 | 15.8 | 16.2 | 18.0 | 17.5 | 15.0 | 10.9 | 8.7  | 7.2  | 7.0  | 9.0  | 10.5 | 11.6 | 12.8 | 13.1 | 12.8 |
|                            | 21 | 13.5 | 13.8 | 14.7 | 16.7 | 18.4 | 18.8 | 17.8 | 15.6 | 12.6 | 10.0 | 8.7  | 8.7  | 9.6  | 11.3 | 12.6 | 13.5 | 13.5 | 13.7 |
|                            | 22 | 12.8 | 14.3 | 15.4 | 16.9 | 17.8 | 17.3 | 16.8 | 15.2 | 11.7 | 9.2  | 8.1  | 8.3  | 8.7  | 9.6  | 10.5 | 11.5 | 12.0 | 11.7 |
| D                          | 23 | 13.9 | 14.3 | 15.6 | 16.5 | 16.9 | 17.3 | 15.4 | 13.9 | 11.7 | 9.8  | 9.4  | 9.1  | 9.8  | 11.1 | 12.0 | 12.6 | 12.8 | 13.7 |
|                            | 24 | 13.7 | 14.3 | 16.0 | 17.1 | 16.2 | 16.0 | 15.5 | 13.9 | 12.6 | 10.9 | 9.2  | 9.4  | 10.0 | 10.9 | 11.4 | 11.7 | 12.0 | 12.2 |
| Q                          | 25 | 13.7 | 14.1 | 15.2 | 16.7 | 16.9 | 17.1 | 16.0 | 14.7 | 13.2 | 11.3 | 10.0 | 9.6  | 9.6  | 10.9 | 12.0 | 11.7 | 11.3 | 11.5 |
|                            | 26 | 13.5 | 14.1 | 16.2 | 17.8 | 18.2 | 18.0 | 16.5 | 14.3 | 12.0 | 10.1 | 9.0  | 9.8  | 10.9 | 11.3 | 11.7 | 12.7 | 12.4 | 12.2 |
|                            | 27 | 13.5 | 14.3 | 15.0 | 16.5 | 16.2 | 15.6 | 15.6 | 14.2 | 12.2 | 10.5 | 9.6  | 9.8  | 10.5 | 10.2 | 11.3 | 11.5 | 11.5 | 11.7 |
| D                          | 28 | 13.9 | 14.3 | 16.0 | 16.9 | 17.5 | 17.8 | 17.3 | 15.6 | 13.2 | 10.0 | 8.1  | 7.2  | 8.3  | 8.7  | 10.0 | 10.9 | 11.7 | 12.6 |
|                            | 29 | 15.6 | 15.4 | 16.0 | 18.8 | 19.2 | 19.7 | 18.3 | 16.0 | 13.7 | 11.7 | 9.8  | 8.7  | 9.4  | 11.3 | 12.6 | 13.2 | 13.5 | 13.5 |
|                            | 30 | 14.3 | 14.3 | 15.6 | 16.7 | 17.1 | 17.3 | 16.5 | 14.7 | 11.1 | 10.0 | 9.2  | 9.2  | 10.5 | 11.1 | 12.0 | 12.6 | 12.2 | 12.4 |
|                            | 31 |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Среднее по<br>всем дням    |    | 13.9 | 14.4 | 15.6 | 17.1 | 17.5 | 17.6 | 16.5 | 14.3 | 11.7 | 9.8  | 8.7  | 8.7  | 9.5  | 10.8 | 12.0 | 12.5 | 12.6 | 12.6 |
| Среднее по<br>сп. дням     |    | 14.1 | 14.8 | 15.9 | 17.1 | 17.4 | 17.3 | 16.2 | 14.3 | 11.9 | 9.9  | 8.9  | 9.0  | 9.8  | 11.3 | 12.5 | 12.7 | 12.6 | 12.6 |
| Среднее по<br>Возмущ. дням |    | 13.6 | 13.9 | 15.2 | 16.8 | 17.5 | 17.7 | 16.6 | 14.6 | 11.7 | 9.5  | 8.5  | 8.4  | 9.4  | 10.7 | 12.1 | 12.9 | 13.0 | 13.3 |

| 19   | 20   | 21   | 22   | 23   | 24   | Средн.<br>суточн. |
|------|------|------|------|------|------|-------------------|
| 12.8 | 13.7 | 14.7 | 14.5 | 14.3 | 14.6 | 13.2              |
| 13.9 | 13.9 | 13.5 | 13.7 | 14.2 | 14.1 | 13.4              |
| 12.8 | 13.0 | 13.1 | 13.5 | 13.9 | 14.4 | 13.1              |
| 13.0 | 13.0 | 12.8 | 13.2 | 13.8 | 14.1 | 13.4              |
| 13.1 | 13.1 | 13.5 | 13.7 | 13.8 | 14.9 | 13.4              |
| 13.9 | 13.0 | 13.2 | 13.5 | 13.4 | 13.4 | 13.3              |
| 12.6 | 12.6 | 13.6 | 14.3 | 13.8 | 14.1 | 13.1              |
| 11.3 | 12.1 | 12.6 | 13.0 | 13.7 | 13.4 | 12.4              |
| 13.0 | 12.8 | 12.6 | 13.0 | 13.0 | 12.4 | 12.6              |
| 13.5 | 13.7 | 13.7 | 13.7 | 14.3 | 14.7 | 13.5              |
| 13.0 | 13.5 | 13.7 | 13.4 | 13.8 | 14.3 | 13.4              |
| 13.5 | 14.4 | 13.9 | 14.1 | 14.7 | 14.7 | 13.8              |
| 13.2 | 13.7 | 13.5 | 14.1 | 14.3 | 14.3 | 13.6              |
| 12.8 | 13.5 | 14.1 | 14.4 | 14.2 | 14.2 | 12.8              |
| 13.0 | 13.5 | 13.9 | 13.9 | 13.9 | 14.1 | 13.1              |
| 11.4 | 12.0 | 12.2 | 13.7 | 13.9 | 13.7 | 12.1              |
| 12.7 | 13.2 | 13.7 | 14.3 | 14.0 | 13.7 | 13.7              |
| 13.9 | 14.7 | 13.9 | 13.7 | 13.8 | 14.9 | 14.0              |
| 13.2 | 13.0 | 12.8 | 13.0 | 13.0 | 12.4 | 13.0              |
| 13.0 | 13.5 | 13.2 | 13.7 | 13.5 | 13.5 | 12.6              |
| 13.1 | 12.6 | 13.0 | 12.6 | 12.9 | 13.5 | 13.4              |
| 12.6 | 13.9 | 13.5 | 13.2 | 13.0 | 13.0 | 12.8              |
| 13.5 | 13.5 | 13.2 | 13.2 | 13.5 | 13.2 | 13.2              |
| 12.4 | 12.7 | 13.5 | 13.2 | 13.5 | 13.8 | 13.0              |
| 12.2 | 12.8 | 13.0 | 13.2 | 13.8 | 14.1 | 13.1              |
| 12.6 | 12.8 | 13.0 | 13.2 | 13.5 | 13.2 | 13.3              |
| 12.2 | 12.4 | 13.5 | 14.1 | 14.0 | 14.1 | 12.9              |
| 13.5 | 14.3 | 15.6 | 16.0 | 16.0 | 16.0 | 13.4              |
| 13.9 | 14.1 | 14.3 | 14.7 | 15.0 | 15.2 | 14.3              |
| 12.6 | 13.2 | 14.3 | 14.7 | 14.7 | 14.7 | 13.4              |
|      |      |      |      |      |      |                   |
|      |      |      |      |      |      |                   |
|      |      |      |      |      |      |                   |

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

Обработал Циклаури И.Г.

Проверила Эбремидзе М.А.

Ведомство Инст. Геофизики АН Груз. ССР  
 Обсерватория Тбилиси (Душети) Широта 42° 05' Долгота 44° 42'

Среднемесячн. H = 24206<sup>h</sup>

Элемент Горизонтальная составляющая

Месяц Июнь Год 1977

H = 24100<sup>h</sup> +                      =                     

| Время<br>мировое           |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | Средн.<br>суточн. |     |     |
|----------------------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------------------|-----|-----|
| ин                         |    | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 19  | 20  | 21  | 22  | 23  | 24  |                   |     |     |
|                            | 1  | 115 | 119 | 124 | 119 | 113 | 95  | 83  | 83  | 102 | 125 | 137 | 139 | 131 | 117 | 113 | 113 | 109 | 109 | 108 | 108 | 101 | 109 | 113 | 109               | 112 |     |
| D                          | 2  | 107 | 108 | 120 | 113 | 107 | 89  | 84  | 89  | 99  | 107 | 108 | 111 | 99  | 79  | 78  | 91  | 101 | 91  | 97  | 103 | 97  | 101 | 120 | 109               | 100 |     |
|                            | 3  | 99  | 107 | 111 | 105 | 95  | 85  | 80  | 83  | 93  | 108 | 119 | 115 | 119 | 111 | 108 | 107 | 109 | 113 | 117 | 114 | 113 | 113 | 115 | 119               | 107 |     |
|                            | 4  | 121 | 117 | 119 | 119 | 109 | 102 | 97  | 90  | 94  | 93  | 97  | 103 | 105 | 102 | 101 | 101 | 107 | 108 | 110 | 109 | 110 | 110 | 111 | 109               | 106 |     |
|                            | 5  | 111 | 114 | 119 | 114 | 101 | 85  | 79  | 83  | 90  | 99  | 105 | 95  | 79  | 87  | 95  | 92  | 97  | 105 | 108 | 109 | 115 | 114 | 115 | 109               | 101 |     |
| Q                          | 6  | 111 | 111 | 109 | 112 | 108 | 101 | 93  | 89  | 85  | 95  | 103 | 115 | 106 | 101 | 103 | 105 | 109 | 112 | 112 | 115 | 115 | 119 | 117 | 114               | 107 |     |
|                            | 7  | 113 | 116 | 120 | 121 | 113 | 102 | 95  | 93  | 99  | 105 | 109 | 111 | 115 | 111 | 108 | 108 | 109 | 114 | 115 | 113 | 114 | 105 | 103 | 106               | 109 |     |
|                            | 8  | 109 | 115 | 121 | 122 | 115 | 103 | 93  | 91  | 97  | 105 | 111 | 114 | 113 | 113 | 113 | 109 | 113 | 121 | 125 | 125 | 125 | 120 | 115 | 119               | 113 |     |
|                            | 9  | 119 | 121 | 121 | 121 | 119 | 111 | 101 | 89  | 95  | 102 | 109 | 120 | 125 | 118 | 113 | 112 | 115 | 115 | 116 | 121 | 121 | 123 | 117 | 133               | 115 |     |
|                            | 10 | 139 | 136 | 131 | 124 | 103 | 101 | 101 | 104 | 113 | 112 | 109 | 106 | 108 | 103 | 97  | 97  | 99  | 102 | 107 | 106 | 103 | 105 | 101 | 100               | 109 |     |
| Q                          | 11 | 100 | 102 | 104 | 97  | 89  | 84  | 73  | 75  | 85  | 96  | 109 | 117 | 119 | 115 | 109 | 103 | 104 | 109 | 111 | 108 | 107 | 114 | 109 | 108               | 102 |     |
| Q                          | 12 | 105 | 111 | 109 | 102 | 95  | 89  | 87  | 88  | 93  | 99  | 111 | 115 | 113 | 108 | 103 | 101 | 103 | 107 | 108 | 109 | 104 | 107 | 102 | 103               | 103 |     |
|                            | 13 | 103 | 107 | 107 | 103 | 101 | 89  | 79  | 79  | 93  | 108 | 115 | 113 | 109 | 102 | 96  | 96  | 102 | 105 | 105 | 97  | 102 | 97  | 103 | 103               | 101 |     |
|                            | 14 | 111 | 125 | 123 | 99  | 93  | 84  | 84  | 91  | 95  | 97  | 95  | 91  | 94  | 97  | 101 | 101 | 102 | 103 | 105 | 105 | 103 | 102 | 102 | 99                | 100 |     |
| Q                          | 15 | 100 | 103 | 103 | 103 | 91  | 83  | 81  | 83  | 95  | 101 | 102 | 103 | 105 | 105 | 105 | 102 | 102 | 107 | 109 | 109 | 108 | 105 | 104 | 105               | 101 |     |
|                            | 16 | 109 | 112 | 109 | 108 | 101 | 91  | 85  | 91  | 97  | 111 | 126 | 132 | 137 | 133 | 123 | 126 | 119 | 121 | 130 | 131 | 133 | 125 | 129 | 131               | 117 |     |
|                            | 17 | 127 | 122 | 120 | 117 | 103 | 85  | 80  | 81  | 95  | 105 | 118 | 115 | 109 | 113 | 102 | 97  | 94  | 107 | 115 | 118 | 114 | 113 | 109 | 107               | 107 |     |
| D                          | 18 | 108 | 110 | 115 | 115 | 109 | 95  | 87  | 72  | 70  | 83  | 105 | 120 | 119 | 107 | 96  | 91  | 91  | 102 | 97  | 102 | 105 | 100 | 102 | 110               | 100 |     |
|                            | 19 | 115 | 108 | 113 | 106 | 95  | 79  | 67  | 71  | 79  | 87  | 91  | 99  | 96  | 95  | 89  | 85  | 99  | 109 | 115 | 117 | 114 | 113 | 113 | 119               | 99  |     |
| D                          | 20 | 121 | 132 | 126 | 127 | 108 | 81  | 64  | 66  | 70  | 83  | 95  | 101 | 102 | 110 | 108 | 100 | 102 | 104 | 109 | 114 | 109 | 108 | 109 | 109               | 102 |     |
|                            | 21 | 111 | 113 | 113 | 113 | 113 | 101 | 96  | 89  | 84  | 95  | 108 | 115 | 125 | 119 | 113 | 103 | 103 | 113 | 117 | 114 | 115 | 119 | 115 | 114               | 109 |     |
|                            | 22 | 117 | 121 | 121 | 119 | 112 | 101 | 99  | 103 | 114 | 119 | 116 | 112 | 119 | 121 | 105 | 96  | 113 | 121 | 114 | 117 | 115 | 115 | 116 | 121               | 114 |     |
| D                          | 23 | 125 | 123 | 113 | 115 | 106 | 90  | 78  | 79  | 89  | 99  | 107 | 113 | 108 | 103 | 99  | 103 | 104 | 103 | 103 | 100 | 98  | 100 | 103 | 108               | 103 |     |
|                            | 24 | 113 | 117 | 117 | 108 | 101 | 79  | 83  | 89  | 103 | 114 | 123 | 121 | 115 | 107 | 107 | 105 | 105 | 103 | 108 | 107 | 105 | 108 | 108 | 107               | 106 |     |
| Q                          | 25 | 108 | 111 | 113 | 109 | 102 | 95  | 93  | 100 | 102 | 104 | 109 | 109 | 113 | 107 | 102 | 107 | 103 | 109 | 111 | 113 | 114 | 114 | 115 | 113               | 107 |     |
|                            | 26 | 120 | 118 | 119 | 114 | 102 | 95  | 97  | 102 | 105 | 114 | 125 | 119 | 117 | 115 | 111 | 103 | 107 | 109 | 111 | 113 | 113 | 111 | 111 | 117               | 111 |     |
|                            | 27 | 114 | 114 | 120 | 120 | 108 | 98  | 94  | 96  | 98  | 109 | 118 | 120 | 116 | 122 | 121 | 120 | 120 | 118 | 114 | 121 | 116 | 109 | 109 | 109               | 113 |     |
| D                          | 28 | 110 | 114 | 114 | 116 | 108 | 102 | 97  | 104 | 101 | 94  | 102 | 126 | 130 | 128 | 119 | 115 | 110 | 109 | 108 | 111 | 103 | 96  | 98  | 98                | 109 |     |
|                            | 29 | 101 | 102 | 103 | 100 | 91  | 84  | 84  | 90  | 97  | 97  | 97  | 98  | 100 | 100 | 102 | 98  | 102 | 100 | 104 | 103 | 102 | 102 | 102 | 100               | 98  |     |
|                            | 30 | 103 | 106 | 109 | 109 | 97  | 84  | 77  | 84  | 98  | 97  | 103 | 102 | 106 | 108 | 114 | 110 | 115 | 126 | 124 | 126 | 120 | 118 | 116 | 116               | 107 |     |
|                            | 31 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                   |     |     |
| Среднее по<br>всем дням    |    | 112 | 114 | 116 | 112 | 104 | 92  | 86  | 88  | 94  | 102 | 109 | 112 | 112 | 109 | 105 | 103 | 106 | 109 |     | 111 | 112 | 110 | 110 | 110               | 111 | 106 |
| Среднее по<br>сп. дням     |    | 105 | 108 | 108 | 105 | 97  | 90  | 85  | 87  | 92  | 99  | 107 | 112 | 111 | 107 | 104 | 104 | 104 | 109 |     | 110 | 111 | 110 | 112 | 109               | 109 | 104 |
| Среднее по<br>возмущ. дням |    | 114 | 117 | 118 | 117 | 108 | 91  | 82  | 82  | 86  | 93  | 103 | 114 | 112 | 105 | 100 | 100 | 102 | 102 |     | 103 | 106 | 102 | 101 | 106               | 107 | 103 |

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

Обработала Эбремидзе М. А.

Проверил Бенситашвили Ш. А.

Ведомство Инст. Геофизики АН Груз. ССР  
Обсерватория Жбигиши (Думети) Широта 42°05' Долгота 44°42'

Среднемесячн. ± = 42048<sup>8</sup>

Элемент Вертикальная составляющая

Месяц Июнь Год 1977

± = 41970<sup>8</sup> + = 0

| Время<br>мировое           | 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 19 | 20 | 21 | 22 | 23 | 24 | Средн.<br>суточн. |
|----------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------------------|
| 1                          | 79 | 81 | 81 | 79 | 72 | 70 | 59 | 53 | 51 | 49 | 53 | 61 | 69 | 76 | 79 | 79 | 79 | 81 | 81 | 82 | 81 | 80 | 80 | 72                |
| D 2                        | 81 | 83 | 82 | 82 | 81 | 83 | 79 | 75 | 72 | 73 | 73 | 73 | 79 | 87 | 91 | 89 | 86 | 85 | 84 | 84 | 84 | 81 | 80 | 81                |
| 3                          | 81 | 83 | 83 | 85 | 83 | 79 | 78 | 75 | 73 | 74 | 73 | 71 | 68 | 74 | 78 | 80 | 80 | 80 | 80 | 81 | 81 | 81 | 80 | 73                |
| 4                          | 79 | 82 | 85 | 85 | 83 | 79 | 71 | 66 | 65 | 67 | 65 | 59 | 64 | 75 | 80 | 80 | 79 | 81 | 81 | 81 | 81 | 81 | 80 | 76                |
| 5                          | 81 | 81 | 83 | 84 | 81 | 79 | 74 | 69 | 66 | 64 | 59 | 61 | 70 | 75 | 80 | 81 | 80 | 81 | 81 | 80 | 79 | 79 | 80 | 76                |
| Q 6                        | 79 | 81 | 85 | 81 | 74 | 68 | 65 | 65 | 65 | 63 | 65 | 65 | 69 | 73 | 76 | 79 | 79 | 80 | 81 | 81 | 79 | 79 | 79 | 75                |
| 7                          | 79 | 80 | 82 | 82 | 81 | 78 | 70 | 61 | 57 | 58 | 59 | 60 | 62 | 70 | 77 | 77 | 77 | 78 | 80 | 79 | 80 | 81 | 80 | 74                |
| 8                          | 79 | 81 | 83 | 81 | 81 | 82 | 81 | 80 | 79 | 74 | 70 | 71 | 74 | 78 | 81 | 83 | 79 | 80 | 82 | 81 | 80 | 81 | 77 | 79                |
| 9                          | 77 | 79 | 81 | 80 | 77 | 77 | 76 | 69 | 61 | 57 | 56 | 65 | 73 | 79 | 81 | 80 | 79 | 81 | 79 | 78 | 78 | 79 | 77 | 75                |
| 10                         | 75 | 76 | 78 | 76 | 77 | 78 | 75 | 65 | 65 | 65 | 65 | 67 | 67 | 74 | 79 | 79 | 79 | 80 | 81 | 81 | 80 | 81 | 80 | 75                |
| Q 11                       | 81 | 82 | 85 | 85 | 85 | 84 | 79 | 70 | 66 | 61 | 62 | 72 | 78 | 82 | 83 | 79 | 77 | 79 | 79 | 79 | 79 | 79 | 78 | 78                |
| Q 12                       | 79 | 83 | 85 | 83 | 81 | 81 | 81 | 77 | 74 | 71 | 72 | 77 | 81 | 80 | 82 | 81 | 80 | 81 | 81 | 81 | 81 | 81 | 80 | 80                |
| 13                         | 80 | 83 | 85 | 84 | 77 | 74 | 71 | 69 | 67 | 64 | 64 | 69 | 75 | 79 | 81 | 80 | 79 | 82 | 83 | 82 | 82 | 81 | 81 | 77                |
| 14                         | 81 | 81 | 79 | 81 | 81 | 78 | 75 | 67 | 57 | 61 | 62 | 65 | 73 | 78 | 79 | 80 | 79 | 79 | 81 | 81 | 81 | 79 | 79 | 76                |
| Q 15                       | 80 | 82 | 83 | 82 | 78 | 81 | 80 | 71 | 62 | 60 | 64 | 63 | 63 | 67 | 73 | 79 | 79 | 80 | 81 | 82 | 81 | 81 | 80 | 75                |
| 16                         | 81 | 83 | 85 | 85 | 85 | 82 | 79 | 76 | 71 | 66 | 61 | 61 | 61 | 69 | 77 | 79 | 79 | 79 | 79 | 80 | 81 | 80 | 79 | 77                |
| 17                         | 80 | 82 | 85 | 84 | 84 | 85 | 81 | 75 | 75 | 73 | 70 | 70 | 74 | 77 | 83 | 86 | 84 | 83 | 82 | 82 | 82 | 82 | 82 | 80                |
| D 18                       | 82 | 84 | 85 | 83 | 83 | 82 | 78 | 77 | 78 | 78 | 75 | 75 | 78 | 85 | 89 | 87 | 86 | 85 | 85 | 85 | 85 | 85 | 83 | 83                |
| 19                         | 82 | 86 | 91 | 92 | 91 | 91 | 89 | 84 | 80 | 81 | 81 | 81 | 81 | 83 | 87 | 87 | 85 | 85 | 83 | 83 | 83 | 83 | 83 | 85                |
| D 20                       | 83 | 82 | 84 | 84 | 87 | 89 | 86 | 81 | 81 | 80 | 80 | 83 | 83 | 81 | 84 | 85 | 84 | 84 | 85 | 85 | 85 | 84 | 84 | 84                |
| 21                         | 84 | 85 | 88 | 87 | 85 | 88 | 87 | 84 | 76 | 73 | 71 | 73 | 77 | 81 | 86 | 85 | 84 | 83 | 84 | 84 | 83 | 84 | 84 | 82                |
| 22                         | 84 | 85 | 87 | 87 | 86 | 85 | 78 | 66 | 64 | 68 | 69 | 69 | 68 | 75 | 88 | 86 | 83 | 85 | 87 | 85 | 85 | 85 | 83 | 80                |
| D 23                       | 83 | 84 | 86 | 86 | 87 | 84 | 77 | 74 | 69 | 63 | 65 | 68 | 72 | 80 | 84 | 85 | 85 | 85 | 85 | 85 | 85 | 84 | 84 | 80                |
| 24                         | 85 | 87 | 89 | 88 | 80 | 79 | 72 | 62 | 59 | 57 | 61 | 70 | 74 | 78 | 83 | 85 | 85 | 85 | 87 | 87 | 86 | 85 | 85 | 79                |
| Q 25                       | 85 | 86 | 87 | 84 | 81 | 79 | 76 | 75 | 74 | 68 | 64 | 66 | 69 | 80 | 83 | 83 | 83 | 83 | 84 | 85 | 84 | 85 | 84 | 80                |
| 26                         | 83 | 87 | 89 | 87 | 81 | 76 | 69 | 65 | 69 | 69 | 68 | 73 | 71 | 74 | 82 | 83 | 81 | 82 | 83 | 82 | 82 | 83 | 83 | 79                |
| 27                         | 84 | 86 | 87 | 83 | 81 | 80 | 77 | 75 | 74 | 74 | 71 | 73 | 76 | 77 | 79 | 81 | 81 | 82 | 84 | 83 | 83 | 85 | 84 | 80                |
| D 28                       | 83 | 85 | 86 | 85 | 83 | 78 | 77 | 74 | 69 | 67 | 62 | 63 | 69 | 81 | 83 | 83 | 83 | 85 | 85 | 85 | 85 | 84 | 84 | 79                |
| 29                         | 84 | 87 | 88 | 86 | 83 | 81 | 75 | 73 | 73 | 70 | 71 | 73 | 76 | 81 | 83 | 84 | 83 | 83 | 84 | 82 | 83 | 82 | 83 | 80                |
| 30                         | 83 | 83 | 83 | 81 | 81 | 80 | 76 | 73 | 72 | 71 | 75 | 80 | 77 | 79 | 81 | 83 | 81 | 82 | 82 | 82 | 83 | 83 | 82 | 80                |
| 31                         |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                   |
| Среднее по<br>всем дням    | 81 | 83 | 85 | 84 | 82 | 80 | 76 | 72 | 69 | 67 | 67 | 69 | 72 | 78 | 82 | 82 | 81 | 82 | 82 | 82 | 82 | 82 | 81 | 78                |
| Среднее по<br>сл. дням     | 81 | 83 | 85 | 83 | 80 | 79 | 76 | 72 | 68 | 65 | 65 | 69 | 72 | 76 | 79 | 80 | 80 | 80 | 81 | 81 | 81 | 81 | 80 | 78                |
| Среднее по<br>возмущ. дням | 82 | 84 | 85 | 84 | 84 | 83 | 79 | 76 | 74 | 72 | 71 | 72 | 76 | 83 | 86 | 86 | 85 | 85 | 85 | 85 | 85 | 84 | 83 | 81                |

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

Обработал Белситашвили Т.А. Проверил Збремидзе М.А.

Среднемесячн.  $\Phi = 4^{\circ}55'.8$ Элемент СклонениеМесяц Июль год 1977 $\Phi = 4^{\circ}42'.0$  + = ° =

| Время<br>мировое        |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | Средн.<br>суточн. | Время<br>тах | Max<br>tim | Mini<br>tim | 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                       | 15.3 | 13.6 | 15.6 | 17.9 | 19.5 | 19.6 | 18.9 | 16.1 | 12.9 | 9.3  | 7.5  | 8.6  | 9.3  | 11.4 | 12.9 | 13.3 | 12.5 | 13.1              | 14.4         | 14.4       | 14.4        | 14.4           | 14.0  | 14.2 | 13.9 | 5.3   | 20.0 | 5.9  | 10.3 | 14.1 |    |    |    |
| 2                       | 14.8 | 14.0 | 14.8 | 17.4 | 18.1 | 18.6 | 17.8 | 16.3 | 13.1 | 10.1 | 8.0  | 7.1  | 8.0  | 9.7  | 11.8 | 13.1 | 14.2 | 14.7              | 14.8         | 15.7       | 15.3        | 14.6           | 14.2  | 13.8 | 13.8 | 5.6   | 18.7 | 6.9  | 11.6 | 11.8 |    |    |    |
| 3                       | 13.3 | 14.0 | 16.0 | 18.7 | 19.6 | 19.1 | 17.4 | 15.1 | 12.5 | 8.8  | 7.1  | 6.1  | 7.1  | 9.7  | 12.1 | 13.2 | 13.9 | 13.6              | 14.0         | 14.0       | 13.8        | 13.6           | 13.8  | 13.1 | 13.3 | 4.9   | 20.1 | 5.8  | 11.5 | 14.3 |    |    |    |
| 4                       | 13.2 | 13.8 | 14.8 | 16.3 | 18.5 | 19.1 | 17.6 | 15.7 | 13.6 | 11.0 | 9.2  | 8.9  | 9.7  | 11.0 | 12.3 | 13.6 | 14.0 | 14.0              | 13.6         | 13.6       | 13.6        | 13.8           | 13.8  | 13.6 | 13.7 | 5.4   | 19.5 | 8.8  | 11.4 | 10.7 |    |    |    |
| 5                       | 14.4 | 14.4 | 16.1 | 17.9 | 18.7 | 19.1 | 17.0 | 14.4 | 11.2 | 9.9  | 9.9  | 9.9  | 9.1  | 10.3 | 12.5 | 14.0 | 12.9 | 12.7              | 12.7         | 13.6       | 13.9        | 14.2           | 14.2  | 14.4 | 13.6 | 5.6   | 19.3 | 8.8  | 12.5 | 10.5 |    |    |    |
| 6 D                     | 14.2 | 14.4 | 15.6 | 17.9 | 19.1 | 19.6 | 17.6 | 14.4 | 11.4 | 10.0 | 9.3  | 6.7  | 5.6  | 6.3  | 10.1 | 11.4 | 12.7 | 13.8              | 13.3         | 14.9       | 14.0        | 14.1           | 14.4  | 13.1 | 13.1 | 5.5   | 19.9 | 5.2  | 12.5 | 14.7 |    |    |    |
| 7                       | 13.8 | 14.6 | 15.3 | 17.4 | 19.1 | 19.9 | 18.5 | 16.1 | 13.8 | 11.8 | 10.1 | 9.5  | 9.1  | 10.1 | 11.8 | 12.9 | 13.3 | 13.8              | 13.8         | 13.6       | 13.6        | 14.0           | 14.0  | 13.8 | 13.9 | 5.1   | 20.6 | 8.8  | 12.7 | 11.8 |    |    |    |
| 8                       | 14.1 | 15.5 | 17.0 | 17.4 | 17.9 | 17.9 | 17.4 | 15.5 | 13.6 | 12.6 | 11.4 | 9.7  | 9.5  | 10.3 | 11.0 | 13.1 | 14.0 | 13.1              | 12.7         | 13.1       | 13.6        | 14.0           | 14.4  | 14.4 | 13.9 | 5.9   | 18.7 | 9.1  | 12.1 | 9.6  |    |    |    |
| 9                       | 15.5 | 16.1 | 16.6 | 16.8 | 17.6 | 18.1 | 16.8 | 14.2 | 11.4 | 10.6 | 11.4 | 11.4 | 11.0 | 11.8 | 12.1 | 12.6 | 13.1 | 13.6              | 13.1         | 13.6       | 14.0        | 14.0           | 14.8  | 15.1 | 14.0 | 5.3   | 18.6 | 10.3 | 9.7  | 8.3  |    |    |    |
| 10                      | 13.8 | 13.5 | 15.1 | 17.2 | 17.9 | 17.4 | 15.7 | 13.3 | 11.8 | 10.8 | 10.6 | 11.0 | 11.4 | 11.8 | 13.6 | 13.8 | 13.8 | 14.8              | 15.5         | 16.1       | 16.1        | 15.7           | 15.7  | 14.2 | 14.2 | 4.2   | 18.9 | 9.9  | 10.0 | 9.0  |    |    |    |
| 11                      | 14.4 | 16.1 | 17.6 | 18.9 | 18.7 | 17.9 | 16.6 | 14.4 | 12.1 | 10.6 | 11.0 | 10.6 | 11.0 | 12.7 | 13.1 | 13.1 | 12.3 | 13.1              | 13.2         | 14.0       | 14.0        | 14.8           | 15.3  | 14.8 | 14.2 | 4.2   | 19.3 | 10.2 | 9.6  | 9.1  |    |    |    |
| 12 Q                    | 14.8 | 15.3 | 16.1 | 17.2 | 17.2 | 16.8 | 15.3 | 13.1 | 11.4 | 11.2 | 11.0 | 11.4 | 11.4 | 11.8 | 12.5 | 12.7 | 12.7 | 12.7              | 12.7         | 13.1       | 13.3        | 13.6           | 14.0  | 14.4 | 13.6 | 4.5   | 17.4 | 10.9 | 10.1 | 6.5  |    |    |    |
| 13                      | 14.0 | 15.7 | 17.2 | 18.3 | 17.6 | 16.3 | 14.4 | 12.7 | 11.0 | 10.1 | 9.5  | 9.5  | 9.7  | 10.6 | 11.6 | 12.1 | 11.8 | 12.3              | 13.1         | 13.8       | 14.0        | 14.4           | 14.6  | 15.3 | 13.3 | 3.7   | 18.6 | 9.1  | 10.8 | 9.5  |    |    |    |
| 14                      | 15.3 | 15.9 | 17.9 | 18.6 | 14.6 | 15.1 | 14.0 | 12.1 | 11.0 | 10.6 | 10.8 | 10.9 | 11.0 | 11.0 | 11.6 | 12.1 | 12.4 | 12.9              | 12.9         | 13.3       | 13.4        | 13.9           | 14.4  | 14.0 | 13.3 | 3.1   | 19.5 | 10.1 | 11.1 | 9.4  |    |    |    |
| 15                      | 14.0 | 14.2 | 15.7 | 17.6 | 16.6 | 16.3 | 14.8 | 13.1 | 10.8 | 9.9  | 10.3 | 11.2 | 11.5 | 12.5 | 13.4 | 14.2 | 13.6 | 13.3              | 13.1         | 13.3       | 12.9        | 14.0           | 14.0  | 15.1 | 13.6 | 3.9   | 18.3 | 9.7  | 10.0 | 8.6  |    |    |    |
| 16 D                    | 15.1 | 14.8 | 16.6 | 16.6 | 16.1 | 15.5 | 13.1 | 11.0 | 10.3 | 9.9  | 9.5  | 11.8 | 12.3 | 13.1 | 13.8 | 14.2 | 13.6 | 14.2              | 14.0         | 14.2       | 14.4        | 14.2           | 12.7  | 12.5 | 13.5 | 2.6   | 18.0 | 8.4  | 10.1 | 9.6  |    |    |    |
| 17                      | 13.6 | 15.3 | 16.6 | 18.3 | 18.7 | 17.6 | 14.4 | 13.1 | 10.3 | 10.1 | 10.6 | 10.6 | 11.0 | 11.8 | 12.7 | 13.6 | 13.6 | 14.6              | 14.8         | 13.8       | 14.6        | 14.2           | 15.1  | 14.2 | 13.9 | 4.4   | 19.1 | 9.3  | 9.2  | 9.8  |    |    |    |
| 18                      | 14.6 | 15.5 | 16.6 | 17.9 | 18.3 | 17.2 | 15.9 | 14.4 | 12.7 | 11.8 | 11.8 | 11.8 | 12.7 | 13.6 | 14.0 | 14.1 | 13.8 | 13.2              | 13.1         | 13.2       | 13.6        | 13.6           | 14.0  | 14.4 | 14.2 | 4.4   | 18.5 | 11.5 | 10.0 | 7.0  |    |    |    |
| 19 D                    | 14.4 | 14.8 | 14.8 | 16.8 | 17.2 | 16.8 | 15.7 | 14.4 | 10.8 | 9.1  | 10.1 | 10.3 | 10.1 | 11.0 | 13.1 | 14.0 | 13.1 | 13.1              | 14.0         | 13.6       | 12.7        | 14.2           | 15.1  | 14.8 | 13.5 | 4.2   | 17.3 | 8.8  | 9.8  | 8.5  |    |    |    |
| 20 D                    | 14.6 | 15.1 | 16.6 | 18.5 | 17.6 | 17.7 | 16.1 | 14.8 | 13.8 | 12.7 | 11.4 | 10.6 | 10.8 | 13.8 | 12.7 | 12.5 | 12.7 | 14.4              | 14.0         | 14.4       | 15.3        | 14.8           | 13.6  | 14.4 | 14.3 | 3.4   | 19.1 | 9.7  | 12.1 | 9.4  |    |    |    |
| 21                      | 14.9 | 15.3 | 16.2 | 18.2 | 19.1 | 18.9 | 16.8 | 15.3 | 12.7 | 11.4 | 9.7  | 9.1  | 9.7  | 11.6 | 13.3 | 14.6 | 14.2 | 13.6              | 13.6         | 13.9       | 13.1        | 13.8           | 14.4  | 14.4 | 14.1 | 5.1   | 19.9 | 8.9  | 11.6 | 11.0 |    |    |    |
| 22                      | 13.6 | 15.3 | 16.8 | 18.5 | 19.1 | 18.9 | 16.1 | 14.2 | 12.7 | 11.4 | 11.5 | 11.4 | 11.4 | 11.8 | 12.3 | 12.7 | 12.7 | 13.1              | 13.8         | 14.0       | 14.0        | 14.4           | 14.0  | 14.2 | 14.1 | 5.1   | 19.8 | 11.0 | 9.8  | 8.8  |    |    |    |
| 23                      | 14.2 | 15.3 | 15.7 | 16.1 | 15.7 | 15.7 | 14.6 | 14.0 | 12.9 | 12.5 | 12.1 | 11.2 | 11.0 | 11.6 | 12.3 | 12.7 | 13.1 | 13.6              | 13.6         | 13.6       | 13.6        | 13.8           | 14.0  | 14.0 | 13.6 | 3.1   | 16.5 | 10.6 | 12.5 | 5.9  |    |    |    |
| 24                      | 14.0 | 14.8 | 15.7 | 16.1 | 16.0 | 15.7 | 15.1 | 14.0 | 12.7 | 11.4 | 10.6 | 10.1 | 11.0 | 11.4 | 11.8 | 11.8 | 12.1 | 12.9              | 14.8         | 14.2       | 14.2        | 14.0           | 14.8  | 14.8 | 13.5 | 3.1   | 16.9 | 10.0 | 11.3 | 6.9  |    |    |    |
| 25 Q                    | 14.4 | 14.9 | 15.9 | 17.2 | 17.9 | 17.9 | 17.0 | 15.3 | 12.7 | 11.8 | 11.4 | 11.0 | 11.2 | 12.3 | 13.1 | 13.8 | 13.6 | 13.1              | 13.1         | 13.1       | 13.1        | 14.0           | 14.4  | 14.2 | 14.0 | 5.1   | 18.2 | 10.8 | 11.9 | 7.4  |    |    |    |
| 26 Q                    | 14.4 | 14.8 | 15.4 | 15.7 | 15.7 | 16.1 | 15.3 | 13.3 | 11.2 | 8.8  | 8.6  | 9.7  | 11.0 | 11.7 | 12.7 | 12.7 | 12.7 | 12.7              | 12.7         | 13.1       | 13.1        | 13.6           | 13.8  | 14.0 | 13.0 | 5.1   | 16.2 | 8.4  | 10.1 | 7.8  |    |    |    |
| 27 Q                    | 14.4 | 14.5 | 15.7 | 16.1 | 15.7 | 15.5 | 15.3 | 14.8 | 14.0 | 11.8 | 9.5  | 8.8  | 9.5  | 10.8 | 12.1 | 13.1 | 12.7 | 12.9              | 12.6         | 12.7       | 13.1        | 14.0           | 14.2  | 14.4 | 13.2 | 3.4   | 16.6 | 8.8  | 11.6 | 7.8  |    |    |    |
| 28 Q                    | 14.5 | 14.6 | 15.7 | 16.8 | 16.6 | 15.3 | 13.8 | 12.7 | 11.8 | 11.0 | 10.6 | 10.3 | 10.3 | 11.0 | 12.1 | 11.8 | 12.7 | 12.3              | 12.3         | 12.8       | 13.1        | 13.6           | 14.2  | 14.8 | 13.1 | 3.5   | 17.0 | 10.1 | 11.0 | 6.9  |    |    |    |
| 29 D                    | 11.8 | 14.0 | 17.0 | 20.0 | 20.4 | 18.7 | 12.5 | 12.5 | 12.3 | 11.6 | 10.8 | 10.3 | 11.4 | 15.5 | 14.6 | 16.3 | 16.0 | 14.4              | 14.8         | 15.1       | 14.8        | 15.1           | 15.5  | 15.7 | 14.6 | 5.2   | 26.0 | 8.8  | 12.2 | 17.2 |    |    |    |
| 30                      | 16.3 | 17.9 | 16.9 | 16.8 | 16.8 | 16.2 | 15.3 | 14.8 | 13.6 | 13.1 | 12.5 | 12.3 | 12.7 | 13.6 | 14.6 | 15.1 | 14.8 | 14.8              | 15.3         | 14.4       | 14.4        | 14.4           | 14.8  | 15.3 | 14.9 | 1.4   | 19.6 | 12.1 | 11.4 | 7.5  |    |    |    |
| 31                      | 15.6 | 15.7 | 16.1 | 17.4 | 18.3 | 17.4 | 15.9 | 14.4 | 13.1 | 11.2 | 10.0 | 11.0 | 11.4 | 12.3 | 13.6 | 14.0 | 13.6 | 13.3              | 14.0         | 14.0       | 14.0        | 14.4           | 14.5  | 15.3 | 14.2 | 4.6   | 18.5 | 9.7  | 10.5 | 8.8  |    |    |    |
| Среднее по<br>всем дням | 14.4 | 15.0 | 16.1 |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                   |              |            |             |                |       |      |      |       |      |      |      |      |    |    |    |

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

Обработал А. В. Кларк И. Т.Проверил Бегитамовичи И. А.

Среднемесячн.  $H = 24198^{\circ}$ Элемент Горизонтальная составляющаяМесяц Июль год 1977 $H = 24100^{\circ} + \quad = \quad = \quad$ 

| Время<br>яровое           |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 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                         | 114 | 125 | 126 | 123 | 106 | 97  | 84  | 72  | 73  | 94  | 85  | 88  | 96  | 95  | 96  | 96  | 98  | 100 | 96  | 102 | 102 | 108 | 104 | 101 | 99                | 2.1          | 130        | 61          | 8.6            | 69    |  |  |       |  |
| 2                         | 97  | 102 | 108 | 103 | 94  | 88  | 82  | 79  | 82  | 84  | 88  | 94  | 100 | 100 | 98  | 88  | 90  | 100 | 99  | 106 | 102 | 102 | 98  | 102 | 95                | 2.3          | 110        | 76          | 7.6            | 34    |  |  |       |  |
| 3                         | 102 | 100 | 102 | 103 | 92  | 84  | 78  | 67  | 74  | 84  | 86  | 108 | 114 | 96  | 88  | 79  | 96  | 102 | 106 | 108 | 100 | 108 | 104 | 104 | 95                | 12.7         | 116        | 64          | 7.7            | 52    |  |  |       |  |
| 4                         | 108 | 110 | 110 | 110 | 102 | 92  | 74  | 78  | 84  | 92  | 92  | 91  | 98  | 92  | 92  | 96  | 98  | 104 | 104 | 104 | 102 | 102 | 98  | 110 | 98                | 23.6         | 118        | 72          | 7.0            | 46    |  |  |       |  |
| 5                         | 101 | 102 | 104 | 103 | 92  | 85  | 78  | 80  | 95  | 98  | 98  | 106 | 112 | 104 | 94  | 80  | 90  | 97  | 98  | 94  | 93  | 98  | 100 | 100 | 96                | 12.2         | 114        | 76          | 7.3            | 38    |  |  |       |  |
| 6 D                       | 104 | 110 | 110 | 107 | 98  | 92  | 98  | 100 | 112 | 115 | 118 | 139 | 148 | 148 | 102 | 109 | 104 | 106 | 106 | 88  | 120 | 132 | 132 | 132 | 114               | 14.1         | 166        | 69          | 15.7           | 97    |  |  |       |  |
| 7                         | 140 | 150 | 120 | 103 | 98  | 92  | 89  | 70  | 68  | 84  | 85  | 80  | 90  | 92  | 88  | 93  | 95  | 103 | 108 | 103 | 102 | 100 | 104 | 110 | 99                | 1.0          | 163        | 60          | 8.0            | 103   |  |  |       |  |
| 8                         | 108 | 108 | 105 | 105 | 106 | 94  | 91  | 91  | 92  | 91  | 90  | 87  | 98  | 104 | 102 | 100 | 98  | 97  | 104 | 107 | 106 | 107 | 107 | 109 | 100               | 19.9         | 113        | 77          | 11.4           | 36    |  |  |       |  |
| 9                         | 106 | 102 | 96  | 108 | 102 | 86  | 88  | 90  | 88  | 73  | 92  | 110 | 114 | 104 | 110 | 101 | 101 | 102 | 108 | 111 | 132 | 126 | 112 | 114 | 103               | 20.8         | 145        | 66          | 9.4            | 79    |  |  |       |  |
| 10                        | 120 | 114 | 114 | 98  | 88  | 86  | 90  | 92  | 103 | 114 | 108 | 98  | 102 | 98  | 98  | 111 | 110 | 103 | 102 | 114 | 110 | 98  | 100 | 110 | 103               | 0.1          | 128        | 84          | 4.1            | 44    |  |  |       |  |
| 11                        | 114 | 104 | 104 | 102 | 91  | 93  | 90  | 81  | 97  | 112 | 110 | 109 | 106 | 92  | 94  | 97  | 100 | 101 | 104 | 110 | 108 | 102 | 98  | 99  | 101               | 19.8         | 122        | 76          | 7.6            | 46    |  |  |       |  |
| 12 Q                      | 99  | 102 | 102 | 98  | 93  | 88  | 82  | 83  | 96  | 102 | 104 | 105 | 102 | 100 | 102 | 104 | 104 | 106 | 109 | 110 | 110 | 109 | 114 | 114 | 102               | 23.2         | 119        | 76          | 7.0            | 43    |  |  |       |  |
| 13                        | 110 | 113 | 114 | 109 | 97  | 80  | 86  | 92  | 102 | 103 | 108 | 106 | 103 | 107 | 107 | 94  | 104 | 110 | 116 | 116 | 128 | 115 | 114 | 117 | 106               | 20.3         | 138        | 75          | 5.4            | 63    |  |  |       |  |
| 14                        | 126 | 132 | 116 | 100 | 124 | 110 | 124 | 120 | 92  | 90  | 98  | 86  | 101 | 103 | 99  | 98  | 98  | 102 | 106 | 108 | 108 | 104 | 104 | 104 | 106               | 2.1          | 138        | 72          | 9.1            | 66    |  |  |       |  |
| 15                        | 102 | 105 | 104 | 96  | 90  | 91  | 86  | 81  | 76  | 85  | 90  | 90  | 90  | 90  | 90  | 90  | 98  | 102 | 112 | 106 | 109 | 114 | 116 | 110 | 97                | 22.5         | 122        | 73          | 8.5            | 49    |  |  |       |  |
| 16 D                      | 108 | 109 | 106 | 97  | 86  | 86  | 70  | 79  | 84  | 84  | 68  | 100 | 96  | 70  | 74  | 86  | 94  | 85  | 91  | 97  | 96  | 100 | 104 | 106 | 91                | 1.2          | 113        | 54          | 7.9            | 59    |  |  |       |  |
| 17                        | 106 | 103 | 108 | 103 | 90  | 64  | 42  | 56  | 67  | 73  | 86  | 86  | 96  | 97  | 96  | 96  | 94  | 102 | 97  | 100 | 112 | 109 | 96  | 94  | 91                | 21.0         | 128        | 36          | 6.7            | 92    |  |  |       |  |
| 18                        | 96  | 98  | 98  | 92  | 88  | 84  | 77  | 80  | 84  | 94  | 102 | 97  | 88  | 86  | 77  | 86  | 87  | 96  | 103 | 102 | 103 | 106 | 101 | 102 | 93                | 21.2         | 111        | 74          | 6.6            | 37    |  |  |       |  |
| 19 D                      | 104 | 104 | 110 | 102 | 98  | 98  | 64  | 50  | 72  | 62  | 82  | 92  | 82  | 80  | 53  | 62  | 91  | 91  | 92  | 96  | 114 | 110 | 104 | 106 | 88                | 21.0         | 122        | 41          | 7.2            | 81    |  |  |       |  |
| 20 D                      | 121 | 106 | 102 | 98  | 76  | 70  | 74  | 68  | 60  | 70  | 96  | 85  | 68  | 58  | 78  | 90  | 96  | 108 | 104 | 102 | 106 | 102 | 108 | 96  | 89                | 0.4          | 128        | 37          | 13.1           | 91    |  |  |       |  |
| 21                        | 94  | 97  | 91  | 90  | 84  | 78  | 68  | 72  | 79  | 78  | 78  | 81  | 86  | 92  | 96  | 94  | 99  | 106 | 104 | 104 | 116 | 108 | 104 | 101 | 92                | 20.5         | 125        | 65          | 7.0            | 60    |  |  |       |  |
| 22                        | 102 | 104 | 112 | 109 | 104 | 102 | 94  | 85  | 82  | 79  | 76  | 85  | 84  | 88  | 90  | 90  | 98  | 98  | 104 | 108 | 104 | 104 | 106 | 106 | 96                | 3.3          | 114        | 66          | 10.2           | 48    |  |  |       |  |
| 23                        | 108 | 108 | 102 | 104 | 108 | 104 | 88  | 90  | 92  | 91  | 91  | 93  | 96  | 96  | 98  | 100 | 102 | 103 | 108 | 108 | 108 | 108 | 108 | 110 | 101               | 23.6         | 113        | 88          | 8.3            | 25    |  |  |       |  |
| 24                        | 113 | 114 | 112 | 109 | 107 | 104 | 102 | 101 | 101 | 93  | 92  | 102 | 108 | 109 | 108 | 109 | 104 | 113 | 120 | 106 | 102 | 108 | 108 | 108 | 106               | 18.3         | 126        | 87          | 10.2           | 39    |  |  |       |  |
| 25 Q                      | 108 | 104 | 108 | 107 | 103 | 92  | 84  | 90  | 96  | 97  | 104 | 109 | 108 | 104 | 100 | 98  | 102 | 104 | 106 | 107 | 108 | 108 | 114 | 108 | 103               | 22.3         | 117        | 83          | 6.6            | 34    |  |  |       |  |
| 26 Q                      | 110 | 108 | 110 | 108 | 103 | 97  | 98  | 104 | 106 | 115 | 116 | 118 | 116 | 112 | 109 | 104 | 107 | 108 | 110 | 109 | 110 | 110 | 110 | 110 | 109               | 11.7         | 120        | 94          | 5.8            | 26    |  |  |       |  |
| 27 Q                      | 110 | 112 | 114 | 113 | 108 | 104 | 102 | 104 | 116 | 120 | 116 | 115 | 118 | 114 | 115 | 115 | 114 | 116 | 118 | 118 | 113 | 108 | 114 | 114 | 113               | 9.1          | 124        | 98          | 6.6            | 26    |  |  |       |  |
| 28 Q                      | 114 | 111 | 113 | 110 | 102 | 99  | 97  | 106 | 98  | 102 | 104 | 108 | 110 | 110 | 114 | 116 | 116 | 114 | 114 | 116 | 121 | 122 | 123 | 126 | 111               | 23.4         | 128        | 96          | 7.2            | 32    |  |  |       |  |
| 29 D                      | 163 | 190 | 150 | 100 | 82  | 44  | 52  | 68  | 70  | 74  | 74  | 54  | 30  | 34  | 43  | 52  | 61  | 72  | 79  | 74  | 74  | 78  | 82  | 79  | 76                | 1.0          | 206        | -54         | 12.5           | 260   |  |  |       |  |
| 30                        | 80  | 94  | 100 | 76  | 71  | 72  | 56  | 50  | 44  | 56  | 69  | 74  | 88  | 85  | 79  | 76  | 76  | 79  | 80  | 81  | 84  | 87  | 85  | 86  | 76                | 2.1          | 109        | 39          | 9.1            | 70    |  |  |       |  |
| 31                        | 86  | 86  | 84  | 80  | 66  | 65  | 68  | 68  | 74  | 85  | 84  | 78  | 84  | 82  | 80  | 86  | 90  | 92  | 100 | 97  | 96  | 104 | 98  | 92  | 84                | 21.8         | 111        | 60          | 5.1            | 51    |  |  |       |  |
| Среднее по<br>всем дням   | 109 | 111 | 108 | 102 | 95  | 88  | 82  | 82  | 86  | 90  | 93  | 96  | 96  | 95  | 93  | 93  | 97  | 101 | 103 | 104 | 106 | 106 | 105 | 106 | 98                |              | 127        | 66          |                | 61    |  |  |       |  |
| Среднее по<br>сп. дням    | 108 | 107 | 109 | 107 | 102 | 96  | 93  | 97  | 102 | 107 | 109 | 111 | 111 | 108 | 108 | 107 | 109 | 110 | 111 | 112 | 112 | 111 | 115 | 114 | 108               |              | 122        | 89          |                | 32    |  |  |       |  |
| Среднее по<br>вс. ш. дням | 120 | 124 | 116 | 101 | 88  | 78  | 72  | 73  | 80  | 81  | 88  | 94  | 73  | 78  | 70  | 80  | 89  | 92  | 94  | 91  | 102 | 104 | 106 | 104 | 92                |              | 147        | 29          |                | 118   |  |  |       |  |
| 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  
 Δ — иные причины отсутств. записи. Величины, взятые приближенно с магнитограммы — ( )

Обработал Белситашвили Т.А.Проверил Икклаури И.Г.

Среднемесячн.  $Z = 42050^{\circ}$ Элемент Вертикальная составляющаяМесяц Июль год 1977 $Z = 41970^{\circ} + = \dots = \dots$ 

| Время<br>яровое            |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |    |    |    |    |    |    |    |    | 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                          | 81 | 81 | 81 | 81 | 78 | 69 | 59 | 57 | 59 | 61 | 65 | 67 | 74  | 78 | 80 | 82 | 83 | 84 | 85 | 85 | 85 | 85 | 85 | 85                | 76           | 20.6       | 87          | 56             | 7.6   | 31 |  |       |  |  |
| 2                          | 85 | 87 | 88 | 87 | 87 | 84 | 80 | 75 | 70 | 66 | 69 | 75 | 74  | 76 | 82 | 87 | 86 | 87 | 86 | 85 | 83 | 82 | 83 | 83                | 81           | 2.5        | 89          | 66             | 9.3   | 23 |  |       |  |  |
| 3                          | 83 | 85 | 88 | 88 | 87 | 85 | 80 | 75 | 65 | 59 | 59 | 61 | 69  | 78 | 82 | 85 | 82 | 83 | 83 | 83 | 83 | 83 | 82 | 82                | 79           | 3.1        | 89          | 58             | 9.4   | 31 |  |       |  |  |
| 4                          | 83 | 85 | 86 | 84 | 81 | 82 | 75 | 65 | 61 | 65 | 67 | 72 | 73  | 80 | 83 | 85 | 83 | 83 | 84 | 83 | 83 | 83 | 83 | 81                | 79           | 2.5        | 86          | 60             | 8.6   | 26 |  |       |  |  |
| 5                          | 81 | 83 | 86 | 87 | 87 | 81 | 68 | 65 | 56 | 53 | 62 | 69 | 74  | 81 | 87 | 87 | 83 | 84 | 85 | 85 | 85 | 85 | 84 | 83                | 78           | 15.3       | 90          | 52             | 9.1   | 38 |  |       |  |  |
| 6 D                        | 83 | 84 | 86 | 85 | 83 | 77 | 65 | 64 | 65 | 64 | 63 | 63 | 62  | 67 | 78 | 79 | 79 | 83 | 85 | 87 | 83 | 83 | 83 | 81                | 76           | 19.5       | 89          | 61             | 12.3  | 28 |  |       |  |  |
| 7                          | 80 | 78 | 81 | 82 | 80 | 77 | 73 | 73 | 71 | 69 | 71 | 71 | 75  | 80 | 84 | 83 | 84 | 84 | 85 | 84 | 84 | 83 | 82 | 81                | 79           | 18.3       | 86          | 67             | 9.2   | 19 |  |       |  |  |
| 8                          | 83 | 82 | 84 | 85 | 81 | 80 | 78 | 76 | 71 | 66 | 67 | 71 | 71  | 73 | 78 | 82 | 85 | 85 | 85 | 85 | 84 | 85 | 84 | 81                | 79           | 16.0       | 86          | 65             | 9.5   | 21 |  |       |  |  |
| 9                          | 80 | 83 | 87 | 85 | 84 | 82 | 73 | 66 | 68 | 71 | 70 | 77 | 82  | 85 | 83 | 83 | 83 | 85 | 85 | 85 | 81 | 81 | 82 | 82                | 80           | 3.0        | 87          | 65             | 8.0   | 22 |  |       |  |  |
| 10                         | 80 | 81 | 81 | 81 | 76 | 73 | 71 | 67 | 69 | 74 | 75 | 78 | 80  | 84 | 85 | 82 | 85 | 86 | 86 | 84 | 84 | 85 | 85 | 83                | 80           | 17.7       | 88          | 66             | 8.0   | 22 |  |       |  |  |
| 11                         | 82 | 85 | 88 | 87 | 83 | 80 | 76 | 74 | 67 | 65 | 69 | 71 | 74  | 82 | 83 | 82 | 82 | 83 | 83 | 82 | 82 | 83 | 83 | 83                | 80           | 3.0        | 89          | 63             | 9.4   | 26 |  |       |  |  |
| 12 Q                       | 83 | 84 | 87 | 87 | 85 | 82 | 79 | 77 | 71 | 69 | 73 | 80 | 79  | 80 | 81 | 82 | 82 | 82 | 82 | 82 | 83 | 82 | 82 | 82                | 81           | 3.2        | 89          | 69             | 9.1   | 20 |  |       |  |  |
| 13                         | 83 | 84 | 87 | 85 | 82 | 80 | 75 | 67 | 67 | 71 | 71 | 69 | 71  | 76 | 79 | 83 | 80 | 82 | 82 | 82 | 80 | 82 | 81 | 80                | 78           | 3.1        | 88          | 65             | 8.0   | 23 |  |       |  |  |
| 14                         | 81 | 82 | 87 | 87 | 79 | 74 | 66 | 61 | 60 | 59 | 65 | 67 | 67  | 71 | 76 | 79 | 79 | 81 | 82 | 82 | 82 | 83 | 82 | 82                | 76           | 3.2        | 89          | 57             | 9.3   | 32 |  |       |  |  |
| 15                         | 83 | 85 | 87 | 89 | 86 | 82 | 78 | 76 | 72 | 66 | 66 | 72 | 79  | 84 | 86 | 83 | 82 | 83 | 83 | 83 | 83 | 83 | 81 | 81                | 81           | 3.1        | 90          | 64             | 10.2  | 26 |  |       |  |  |
| 16 D                       | 82 | 85 | 88 | 87 | 81 | 75 | 78 | 76 | 79 | 86 | 87 | 82 | 81  | 88 | 91 | 91 | 89 | 90 | 90 | 90 | 90 | 89 | 87 | 85                | 85           | 15.5       | 93          | 74             | 7.5   | 19 |  |       |  |  |
| 17                         | 85 | 86 | 90 | 91 | 87 | 76 | 73 | 68 | 69 | 72 | 73 | 75 | 73  | 76 | 81 | 82 | 83 | 85 | 87 | 87 | 85 | 85 | 85 | 86                | 81           | 3.0        | 92          | 66             | 8.0   | 26 |  |       |  |  |
| 18                         | 85 | 88 | 91 | 85 | 81 | 63 | 79 | 75 | 73 | 76 | 76 | 74 | 78  | 85 | 89 | 86 | 85 | 85 | 85 | 84 | 85 | 84 | 85 | 85                | 82           | 2.6        | 91          | 72             | 8.5   | 19 |  |       |  |  |
| 19 D                       | 85 | 86 | 88 | 87 | 83 | 76 | 71 | 73 | 67 | 67 | 68 | 74 | 78  | 84 | 95 | 94 | 90 | 91 | 90 | 90 | 87 | 85 | 86 | 86                | 83           | 15.0       | 98          | 66             | 8.8   | 32 |  |       |  |  |
| 20 D                       | 83 | 84 | 87 | 83 | 76 | 72 | 68 | 67 | 66 | 67 | 70 | 75 | 84  | 95 | 91 | 88 | 86 | 87 | 87 | 87 | 88 | 87 | 85 | 85                | 81           | 13.7       | 96          | 65             | 8.1   | 31 |  |       |  |  |
| 21                         | 86 | 88 | 91 | 89 | 83 | 79 | 76 | 72 | 71 | 69 | 72 | 75 | 81  | 85 | 88 | 87 | 85 | 84 | 85 | 86 | 83 | 84 | 85 | 85                | 82           | 2.5        | 93          | 69             | 9.3   | 24 |  |       |  |  |
| 22                         | 85 | 85 | 86 | 85 | 83 | 76 | 66 | 62 | 65 | 70 | 75 | 78 | 78  | 81 | 81 | 83 | 84 | 85 | 85 | 84 | 85 | 85 | 84 | 84                | 80           | 2.8        | 87          | 60             | 7.4   | 27 |  |       |  |  |
| 23                         | 83 | 84 | 87 | 87 | 85 | 87 | 82 | 80 | 78 | 79 | 73 | 73 | 78  | 81 | 83 | 81 | 83 | 83 | 83 | 84 | 83 | 83 | 83 | 82                | 82           | 3.1        | 88          | 70             | 11.4  | 18 |  |       |  |  |
| 24                         | 82 | 83 | 83 | 81 | 77 | 73 | 71 | 67 | 61 | 65 | 67 | 73 | 70  | 74 | 78 | 81 | 82 | 81 | 81 | 83 | 85 | 83 | 83 | 83                | 77           | 20.7       | 85          | 60             | 8.5   | 25 |  |       |  |  |
| 25 Q                       | 83 | 83 | 85 | 85 | 80 | 76 | 68 | 63 | 61 | 59 | 64 | 69 | 71  | 73 | 77 | 80 | 81 | 81 | 81 | 82 | 82 | 82 | 81 | 81                | 76           | 3.1        | 86          | 58             | 9.2   | 28 |  |       |  |  |
| 26 Q                       | 81 | 83 | 87 | 87 | 86 | 85 | 79 | 73 | 73 | 71 | 64 | 65 | 68  | 71 | 75 | 78 | 79 | 82 | 82 | 82 | 81 | 82 | 81 | 81                | 78           | 3.2        | 88          | 63             | 10.8  | 25 |  |       |  |  |
| 27 Q                       | 81 | 83 | 85 | 83 | 81 | 80 | 78 | 74 | 66 | 63 | 65 | 67 | 68  | 71 | 73 | 76 | 77 | 78 | 79 | 79 | 81 | 81 | 79 | 79                | 76           | 2.4        | 86          | 62             | 9.1   | 24 |  |       |  |  |
| 28 Q                       | 80 | 81 | 82 | 81 | 81 | 81 | 79 | 67 | 61 | 65 | 67 | 69 | 75  | 77 | 77 | 79 | 79 | 81 | 80 | 81 | 81 | 81 | 80 | 77                | 3.0          | 83         | 61          | 9.1            | 22    |    |  |       |  |  |
| 29 D                       | 75 | 70 | 77 | 84 | 78 | 81 | 85 | 82 | 71 | 67 | 72 | 86 | 101 | 95 | 95 | 94 | 90 | 89 | 90 | 91 | 90 | 91 | 90 | 90                | 85           | 12.5       | 103         | 66             | 9.4   | 37 |  |       |  |  |
| 30                         | 89 | 89 | 89 | 87 | 85 | 85 | 81 | 76 | 75 | 73 | 78 | 81 | 81  | 83 | 88 | 90 | 90 | 91 | 92 | 92 | 92 | 91 | 91 | 90                | 86           | 20.7       | 93          | 73             | 9.7   | 20 |  |       |  |  |
| 31                         | 91 | 92 | 95 | 94 | 90 | 82 | 77 | 77 | 77 | 81 | 79 | 84 | 87  | 89 | 89 | 89 | 89 | 90 | 90 | 89 | 90 | 89 | 89 | 89                | 87           | 2.8        | 96          | 75             | 6.8   | 21 |  |       |  |  |
| Среднее по<br>всем дням    | 83 | 84 | 86 | 86 | 82 | 79 | 74 | 71 | 68 | 68 | 70 | 73 | 76  | 80 | 83 | 84 | 84 | 84 | 85 | 85 | 84 | 84 | 84 | 83                | 80           |            | 90          | 64             |       | 25 |  |       |  |  |
| Среднее по<br>сп. дням     | 82 | 83 | 85 | 85 | 83 | 81 | 77 | 73 | 68 | 65 | 66 | 70 | 71  | 74 | 77 | 79 | 80 | 80 | 81 | 81 | 82 | 82 | 81 | 81                | 78           |            | 86          | 63             |       | 24 |  |       |  |  |
| Среднее по<br>возмущ. дням | 82 | 82 | 85 | 85 | 80 | 76 | 73 | 72 | 70 | 70 | 72 | 76 | 81  | 86 | 90 | 89 | 87 | 88 | 88 | 89 | 88 | 87 | 86 | 85                | 82           |            | 96          | 66             |       | 29 |  |       |  |  |
| 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

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

Обработал Безситашвили Ж.А. Проверил Циклаури И.Г.

Ведомство Инст. Геофизики АН Груз. ССР  
Обсерватория Тбилиси (Душети) Широта 42°05' Долгота 44°42'  
Месяц Август Год 1977

Среднемесячн. Д = 4°55'9

Элемент Склонение

Д = 4°42'0 +          =          ° =         

| ни                         | Время<br>мировое |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | Средн.<br>суточн. |      |
|----------------------------|------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------------------|------|
|                            | 1                | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 19   | 20   | 21   | 22   | 23   | 24   |                   |      |
| 1                          | 15.5             | 15.7 | 17.0 | 18.7 | 18.7 | 18.3 | 17.0 | 15.7 | 14.2 | 11.8 | 10.6 | 10.6 | 11.4 | 12.5 | 14.3 | 14.4 | 13.3 | 13.2 | 13.1 | 13.1 | 13.3 | 13.8 | 14.0 | 14.0              | 14.3 |
| 2 Q                        | 14.4             | 14.4 | 16.1 | 17.6 | 17.9 | 18.3 | 17.0 | 14.4 | 11.9 | 10.5 | 9.7  | 9.1  | 9.3  | 10.6 | 11.8 | 12.6 | 12.3 | 12.4 | 13.1 | 13.6 | 13.6 | 13.8 | 14.2 | 14.6              | 13.5 |
| 3                          | 15.1             | 15.3 | 16.6 | 18.1 | 18.5 | 18.4 | 17.0 | 14.0 | 11.4 | 9.7  | 8.8  | 9.1  | 9.7  | 10.6 | 11.4 | 11.8 | 11.8 | 13.3 | 14.2 | 14.4 | 14.0 | 14.7 | 14.2 | 14.0              | 13.6 |
| 4                          | 14.6             | 15.6 | 16.3 | 16.2 | 15.7 | 16.1 | 14.0 | 12.7 | 10.9 | 9.3  | 8.4  | 8.5  | 8.6  | 9.9  | 10.6 | 10.9 | 11.0 | 11.6 | 12.9 | 14.0 | 14.4 | 14.8 | 14.4 | 14.5              | 12.7 |
| 5 D                        | 14.0             | 14.4 | 16.1 | 17.4 | 16.3 | 16.1 | 15.9 | 16.1 | 13.3 | 11.2 | 9.1  | 10.2 | 10.3 | 10.1 | 12.3 | 12.4 | 13.1 | 14.0 | 14.2 | 14.6 | 14.5 | 15.3 | 15.7 | 15.3              | 13.8 |
| 6                          | 14.9             | 15.4 | 17.6 | 18.7 | 17.5 | 16.3 | 15.6 | 15.3 | 13.6 | 12.5 | 12.1 | 11.1 | 11.0 | 11.4 | 12.7 | 14.4 | 14.5 | 14.5 | 13.8 | 13.6 | 14.8 | 16.6 | 16.2 | 14.8              | 14.5 |
| 7                          | 14.6             | 15.5 | 16.1 | 18.1 | 18.6 | 18.1 | 16.2 | 14.7 | 12.7 | 12.1 | 10.6 | 10.7 | 11.8 | 12.3 | 12.5 | 13.1 | 12.3 | 13.3 | 13.1 | 13.3 | 14.2 | 14.9 | 15.3 | 15.1              | 14.1 |
| 8                          | 15.3             | 15.7 | 15.7 | 16.1 | 17.0 | 17.0 | 16.1 | 14.2 | 12.1 | 11.0 | 10.6 | 10.8 | 11.4 | 12.1 | 12.4 | 12.9 | 13.2 | 12.9 | 13.3 | 13.3 | 13.6 | 14.0 | 14.4 | 14.6              | 13.7 |
| 9                          | 13.1             | 14.0 | 15.5 | 16.2 | 17.0 | 17.2 | 15.7 | 13.8 | 12.3 | 11.4 | 10.6 | 11.2 | 11.0 | 10.6 | 12.3 | 14.2 | 14.4 | 15.7 | 16.9 | 14.5 | 14.8 | 15.1 | 15.8 | 16.6              | 14.2 |
| 10                         | 15.7             | 15.3 | 16.9 | 18.9 | 19.6 | 18.7 | 17.2 | 14.6 | 12.7 | 11.0 | 9.8  | 9.3  | 9.9  | 12.1 | 12.5 | 12.7 | 11.4 | 12.8 | 14.0 | 14.4 | 13.1 | 14.3 | 15.1 | 15.6              | 14.1 |
| 11 D                       | 15.7             | 16.0 | 17.9 | 17.2 | 16.1 | 15.7 | 14.2 | 11.8 | 11.2 | 10.3 | 10.1 | 11.2 | 11.6 | 12.3 | 13.8 | 12.5 | 12.1 | 11.8 | 11.2 | 12.9 | 13.3 | 14.4 | 14.8 | 15.0              | 13.5 |
| 12                         | 15.3             | 15.1 | 15.7 | 16.6 | 15.7 | 14.8 | 12.7 | 11.0 | 9.3  | 9.3  | 10.3 | 11.6 | 13.1 | 13.6 | 14.0 | 15.3 | 14.4 | 13.8 | 13.6 | 14.0 | 14.0 | 14.3 | 14.3 | 13.6              | 13.6 |
| 13                         | 14.0             | 15.1 | 15.1 | 16.3 | 16.8 | 15.9 | 14.2 | 12.8 | 11.4 | 10.6 | 10.6 | 11.0 | 12.9 | 13.8 | 14.6 | 13.8 | 14.2 | 14.0 | 14.2 | 14.8 | 15.1 | 14.4 | 14.8 | 13.8              | 13.9 |
| 14                         | 14.8             | 15.3 | 16.6 | 17.6 | 17.4 | 16.6 | 14.2 | 12.7 | 11.4 | 10.1 | 8.6  | 9.5  | 10.1 | 14.0 | 13.1 | 13.1 | 12.3 | 12.7 | 15.3 | 15.6 | 14.6 | 14.0 | 14.6 | 14.6              | 13.7 |
| 15                         | 15.1             | 15.7 | 16.1 | 17.2 | 17.0 | 16.3 | 14.4 | 12.9 | 11.6 | 10.8 | 11.0 | 11.4 | 11.4 | 12.3 | 12.7 | 12.9 | 12.9 | 14.0 | 14.0 | 14.4 | 14.2 | 14.4 | 14.0 | 14.2              | 13.8 |
| 16                         | 14.6             | 15.1 | 16.1 | 17.2 | 17.9 | 17.9 | 15.5 | 12.5 | 10.6 | 9.9  | 9.5  | 10.1 | 11.8 | 14.8 | 16.8 | 14.0 | 13.6 | 14.4 | 14.0 | 13.4 | 13.1 | 14.4 | 13.9 | 13.8              | 14.0 |
| 17 D                       | 14.0             | 14.8 | 16.8 | 17.6 | 17.9 | 16.8 | 14.8 | 13.1 | 11.7 | 9.5  | 8.4  | 10.8 | 11.0 | 11.8 | 14.4 | 16.1 | 14.6 | 16.2 | 14.6 | 14.0 | 14.0 | 14.4 | 14.2 | 14.6              | 14.0 |
| 18                         | 14.8             | 14.0 | 15.5 | 16.6 | 17.2 | 17.4 | 16.0 | 13.6 | 11.6 | 10.1 | 9.7  | 10.1 | 11.8 | 11.6 | 14.2 | 13.3 | 12.9 | 13.8 | 15.1 | 14.0 | 14.1 | 14.8 | 14.4 | 14.4              | 13.8 |
| 19 D                       | 14.6             | 13.1 | 12.7 | 14.3 | 16.1 | 16.8 | 15.3 | 13.1 | 11.0 | 10.1 | 10.6 | 9.8  | 10.9 | 12.7 | 14.0 | 14.2 | 14.0 | 15.1 | 15.7 | 15.3 | 15.9 | 14.8 | 14.6 | 14.0              | 13.7 |
| 20                         | 14.9             | 15.3 | 17.2 | 18.3 | 18.7 | 18.7 | 16.4 | 13.3 | 10.8 | 9.7  | 9.1  | 9.9  | 11.2 | 12.9 | 14.4 | 14.0 | 14.2 | 13.2 | 13.6 | 13.8 | 14.0 | 14.3 | 14.8 | 15.3              | 14.1 |
| 21 Q                       | 15.1             | 15.3 | 16.3 | 17.3 | 17.0 | 16.6 | 15.3 | 13.1 | 11.0 | 10.4 | 10.1 | 11.0 | 12.3 | 13.1 | 13.8 | 13.9 | 13.4 | 13.3 | 13.2 | 13.6 | 13.6 | 14.0 | 14.4 | 14.3              | 13.8 |
| 22 Q                       | 14.6             | 15.2 | 15.9 | 17.0 | 18.5 | 18.9 | 17.6 | 15.3 | 12.8 | 11.2 | 9.9  | 9.7  | 10.1 | 11.3 | 12.7 | 13.8 | 13.4 | 13.1 | 14.0 | 14.0 | 14.2 | 13.6 | 14.2 | 13.5              | 13.9 |
| 23                         | 13.6             | 14.1 | 14.4 | 14.9 | 15.9 | 17.2 | 17.3 | 15.9 | 13.6 | 11.9 | 10.1 | 9.1  | 8.8  | 9.5  | 11.4 | 12.7 | 13.8 | 16.8 | 15.9 | 16.1 | 16.1 | 15.9 | 15.1 | 15.3              | 14.0 |
| 24                         | 15.7             | 15.3 | 15.4 | 15.7 | 17.0 | 17.4 | 17.4 | 15.1 | 11.8 | 10.3 | 9.7  | 10.3 | 11.4 | 11.6 | 14.8 | 15.3 | 15.3 | 14.4 | 13.6 | 13.6 | 13.8 | 14.0 | 14.4 | 14.4              | 14.1 |
| 25 D                       | 14.6             | 14.9 | 15.7 | 16.6 | 17.3 | 17.0 | 15.3 | 12.9 | 11.2 | 11.3 | 10.6 | 9.7  | 11.4 | 12.1 | 12.9 | 14.6 | 18.3 | 16.1 | 14.8 | 16.6 | 15.7 | 14.9 | 14.8 | 14.4              | 14.3 |
| 26                         | 14.0             | 15.7 | 16.9 | 17.6 | 18.3 | 18.5 | 17.0 | 15.1 | 12.9 | 11.2 | 11.4 | 11.8 | 13.6 | 13.6 | 13.6 | 13.3 | 13.6 | 12.9 | 13.2 | 14.4 | 15.2 | 14.2 | 14.8 | 14.8              | 14.5 |
| 27                         | 14.8             | 15.1 | 16.1 | 15.9 | 16.6 | 16.6 | 15.9 | 14.2 | 12.5 | 11.4 | 12.3 | 11.9 | 12.5 | 13.3 | 13.9 | 13.6 | 13.6 | 14.4 | 15.1 | 15.7 | 14.2 | 14.5 | 14.6 | 14.2              | 14.3 |
| 28                         | 14.8             | 15.3 | 16.3 | 17.4 | 17.9 | 17.3 | 15.7 | 13.6 | 11.6 | 10.6 | 11.0 | 11.4 | 12.3 | 13.1 | 13.8 | 13.3 | 13.6 | 14.4 | 13.6 | 14.4 | 14.4 | 14.0 | 14.4 | 14.8              | 14.1 |
| 29                         | 14.4             | 14.4 | 15.6 | 16.6 | 17.1 | 16.8 | 14.8 | 12.7 | 10.6 | 9.7  | 9.7  | 9.9  | 11.4 | 12.9 | 13.3 | 13.3 | 13.3 | 13.3 | 13.6 | 14.0 | 14.2 | 14.0 | 14.4 | 14.4              | 13.5 |
| 30 Q                       | 14.4             | 14.8 | 15.5 | 16.8 | 18.3 | 18.7 | 17.5 | 14.4 | 11.8 | 9.9  | 9.3  | 9.7  | 10.6 | 12.1 | 13.1 | 13.1 | 13.8 | 13.8 | 13.2 | 13.3 | 14.3 | 14.5 | 14.4 | 14.4              | 13.8 |
| 31 Q                       | 14.4             | 14.8 | 15.9 | 17.5 | 18.7 | 18.9 | 16.6 | 13.8 | 11.2 | 9.5  | 8.5  | 9.1  | 10.1 | 11.2 | 11.8 | 11.6 | 11.6 | 12.3 | 13.9 | 13.6 | 14.0 | 14.6 | 15.2 | 15.3              | 13.5 |
| реднее по<br>всем дням     | 14.7             | 15.0 | 16.1 | 17.0 | 17.4 | 17.3 | 15.8 | 13.8 | 11.8 | 10.6 | 10.0 | 10.3 | 11.1 | 12.1 | 13.2 | 13.5 | 13.4 | 13.8 | 14.0 | 14.2 | 14.3 | 14.5 | 14.7 | 14.6              | 13.9 |
| Среднее по<br>сп. дням     | 14.6             | 14.9 | 15.9 | 17.2 | 18.1 | 18.3 | 16.8 | 14.2 | 11.7 | 10.3 | 9.5  | 9.7  | 10.5 | 11.7 | 12.6 | 13.0 | 12.9 | 13.0 | 13.5 | 13.6 | 13.9 | 14.1 | 14.5 | 14.4              | 13.7 |
| Среднее по<br>Возмущ. дням | 14.6             | 14.6 | 15.8 | 16.6 | 16.7 | 16.5 | 15.1 | 13.4 | 11.7 | 10.5 | 9.8  | 10.3 | 11.0 | 11.8 | 13.5 | 14.0 | 14.4 | 14.6 | 14.1 | 14.7 | 14.7 | 14.8 | 14.8 | 14.7              | 13.9 |

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

Обработала Шиклаури И.Г.

Проверила Зорендзе М.А.

Ведомство Инст. Геофизики АН. Груз. ССР  
 Обсерватория Тбилиси (Душети) Широта 42°05' Долгота 44°42'  
 Месяц Август Год 1977

Среднемесячн. H = 24193<sup>h</sup>

Элемент Горизонтальная составляющая

H = 24100<sup>h</sup>

| Дни                     | Время мировое |     |     |     |     |     |     |    |     |     |     |     |     |     |     |     |     | Средн. суточн. |     |     |     |     |     |     |     |
|-------------------------|---------------|-----|-----|-----|-----|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----------------|-----|-----|-----|-----|-----|-----|-----|
|                         | 1             | 2   | 3   | 4   | 5   | 6   | 7   | 8  | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 19             | 20  | 21  | 22  | 23  | 24  |     |     |
| 1                       | 92            | 93  | 97  | 94  | 87  | 77  | 67  | 69 | 75  | 79  | 85  | 91  | 95  | 91  | 78  | 87  | 93  | 97             | 97  | 97  | 97  | 103 | 105 | 89  |     |
| 2 Q                     | 104           | 105 | 105 | 103 | 93  | 87  | 82  | 81 | 83  | 89  | 87  | 91  | 94  | 93  | 99  | 103 | 111 | 112            | 112 | 110 | 110 | 109 | 111 | 112 | 99  |
| 3                       | 115           | 114 | 113 | 110 | 104 | 98  | 86  | 83 | 90  | 97  | 101 | 97  | 99  | 103 | 103 | 105 | 115 | 111            | 104 | 99  | 110 | 112 | 113 | 117 | 104 |
| 4                       | 115           | 113 | 106 | 109 | 109 | 105 | 98  | 95 | 101 | 93  | 93  | 92  | 98  | 98  | 109 | 111 | 115 | 117            | 115 | 115 | 122 | 108 | 117 | 117 | 107 |
| 5 D                     | 111           | 127 | 125 | 117 | 123 | 99  | 86  | 29 | 27  | 55  | 43  | 67  | 73  | 65  | 37  | 59  | 77  | 87             | 101 | 127 | 107 | 83  | 79  | 86  | 83  |
| 6                       | 93            | 89  | 87  | 79  | 55  | 53  | 69  | 79 | 74  | 67  | 65  | 83  | 89  | 91  | 89  | 83  | 87  | 91             | 104 | 113 | 103 | 105 | 93  | 91  | 85  |
| 7                       | 91            | 92  | 92  | 85  | 75  | 69  | 62  | 61 | 61  | 55  | 66  | 82  | 87  | 95  | 90  | 85  | 93  | 110            | 105 | 97  | 101 | 104 | 103 | 98  | 86  |
| 8                       | 99            | 87  | 92  | 105 | 101 | 79  | 68  | 81 | 92  | 95  | 95  | 101 | 104 | 101 | 101 | 97  | 94  | 99             | 99  | 109 | 109 | 107 | 99  | 98  | 96  |
| 9                       | 98            | 104 | 103 | 105 | 97  | 81  | 69  | 75 | 89  | 99  | 99  | 97  | 100 | 97  | 83  | 78  | 81  | 91             | 115 | 99  | 95  | 91  | 93  | 92  | 93  |
| 10                      | 91            | 92  | 95  | 88  | 77  | 69  | 78  | 70 | 81  | 81  | 89  | 92  | 85  | 83  | 93  | 97  | 101 | 97             | 96  | 104 | 110 | 103 | 101 | 107 | 91  |
| 11 D                    | 105           | 106 | 97  | 91  | 93  | 90  | 85  | 89 | 74  | 83  | 95  | 99  | 93  | 94  | 85  | 110 | 103 | 119            | 133 | 109 | 123 | 117 | 99  | 96  | 100 |
| 12                      | 95            | 94  | 95  | 89  | 78  | 81  | 87  | 89 | 99  | 85  | 85  | 92  | 94  | 89  | 91  | 85  | 89  | 93             | 98  | 97  | 103 | 97  | 93  | 98  | 92  |
| 13                      | 97            | 97  | 93  | 87  | 81  | 65  | 65  | 59 | 66  | 81  | 91  | 85  | 77  | 79  | 93  | 93  | 89  | 91             | 91  | 97  | 95  | 99  | 115 | 101 | 87  |
| 14                      | 95            | 93  | 92  | 85  | 77  | 74  | 79  | 87 | 77  | 93  | 102 | 94  | 69  | 84  | 98  | 97  | 101 | 108            | 100 | 105 | 94  | 97  | 95  | 97  | 91  |
| 15                      | 95            | 94  | 95  | 98  | 80  | 81  | 91  | 85 | 75  | 81  | 89  | 105 | 103 | 97  | 97  | 92  | 92  | 93             | 97  | 94  | 95  | 104 | 104 | 103 | 93  |
| 16                      | 103           | 103 | 103 | 103 | 90  | 79  | 80  | 86 | 97  | 107 | 114 | 110 | 93  | 73  | 76  | 81  | 81  | 91             | 95  | 97  | 101 | 99  | 103 | 99  | 94  |
| 17 D                    | 102           | 106 | 109 | 104 | 105 | 95  | 86  | 71 | 69  | 70  | 45  | 37  | 67  | 65  | 50  | 51  | 63  | 75             | 92  | 90  | 89  | 90  | 96  | 93  | 80  |
| 18                      | 94            | 87  | 99  | 87  | 70  | 62  | 61  | 61 | 79  | 89  | 83  | 85  | 87  | 81  | 95  | 96  | 93  | 96             | 104 | 100 | 100 | 98  | 99  | 97  | 88  |
| 19 D                    | 98            | 98  | 101 | 105 | 81  | 79  | 78  | 67 | 69  | 63  | 73  | 91  | 87  | 85  | 92  | 92  | 87  | 104            | 99  | 87  | 103 | 111 | 93  | 120 | 90  |
| 20                      | 106           | 99  | 97  | 97  | 86  | 73  | 65  | 67 | 81  | 99  | 107 | 103 | 97  | 93  | 95  | 98  | 93  | 95             | 97  | 99  | 102 | 103 | 99  | 97  | 94  |
| 21 Q                    | 98            | 98  | 99  | 98  | 91  | 77  | 66  | 60 | 69  | 83  | 95  | 104 | 103 | 95  | 97  | 97  | 95  | 97             | 97  | 98  | 101 | 103 | 105 | 104 | 93  |
| 22 Q                    | 101           | 100 | 101 | 99  | 95  | 85  | 78  | 79 | 81  | 89  | 97  | 101 | 100 | 99  | 97  | 96  | 96  | 98             | 104 | 105 | 99  | 109 | 107 | 101 | 97  |
| 23                      | 105           | 103 | 104 | 107 | 109 | 109 | 104 | 97 | 92  | 88  | 101 | 110 | 115 | 115 | 107 | 115 | 101 | 97             | 81  | 75  | 80  | 89  | 95  | 95  | 100 |
| 24                      | 100           | 101 | 103 | 103 | 93  | 82  | 71  | 73 | 85  | 97  | 98  | 85  | 77  | 79  | 71  | 77  | 69  | 79             | 93  | 101 | 104 | 104 | 105 | 106 | 90  |
| 25 D                    | 107           | 108 | 115 | 120 | 116 | 95  | 85  | 93 | 97  | 92  | 105 | 83  | 67  | 98  | 86  | 61  | 81  | 73             | 81  | 82  | 104 | 91  | 91  | 93  | 93  |
| 26                      | 109           | 96  | 95  | 87  | 85  | 77  | 75  | 70 | 75  | 83  | 79  | 84  | 69  | 93  | 84  | 80  | 79  | 85             | 92  | 91  | 98  | 95  | 99  | 97  | 87  |
| 27                      | 95            | 95  | 96  | 89  | 80  | 69  | 51  | 56 | 81  | 76  | 73  | 90  | 87  | 86  | 84  | 81  | 89  | 82             | 82  | 110 | 95  | 92  | 99  | 103 | 85  |
| 28                      | 93            | 93  | 95  | 91  | 79  | 63  | 75  | 91 | 103 | 110 | 106 | 97  | 97  | 97  | 97  | 95  | 95  | 92             | 95  | 97  | 105 | 103 | 99  | 99  | 94  |
| 29                      | 99            | 102 | 98  | 93  | 91  | 75  | 74  | 83 | 93  | 97  | 103 | 101 | 91  | 95  | 92  | 95  | 97  | 97             | 97  | 98  | 99  | 99  | 99  | 103 | 95  |
| 30 Q                    | 99            | 100 | 99  | 97  | 95  | 90  | 80  | 85 | 88  | 95  | 103 | 105 | 105 | 98  | 93  | 90  | 91  | 97             | 103 | 103 | 109 | 115 | 105 | 104 | 98  |
| 31 Q                    | 103           | 102 | 105 | 103 | 91  | 81  | 75  | 77 | 83  | 97  | 111 | 117 | 118 | 115 | 112 | 114 | 111 | 109            | 111 | 115 | 113 | 109 | 106 | 106 | 104 |
| Среднее по всем дням    | 100           | 100 | 100 | 98  | 90  | 81  | 77  | 76 | 81  | 86  | 90  | 93  | 91  | 91  | 89  | 90  | 92  | 96             | 100 | 101 | 103 | 101 | 101 | 101 | 93  |
| Среднее по сп. дням     | 101           | 101 | 102 | 100 | 93  | 84  | 76  | 76 | 81  | 91  | 99  | 104 | 104 | 100 | 100 | 100 | 101 | 103            | 105 | 106 | 106 | 109 | 107 | 105 | 98  |
| Среднее по возмущ. дням | 105           | 109 | 109 | 107 | 104 | 92  | 84  | 70 | 67  | 73  | 72  | 75  | 77  | 81  | 70  | 75  | 82  | 92             | 101 | 99  | 105 | 98  | 92  | 98  | 89  |

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

Обработала Эбрендзе М.А.

Проверил Бетситашвили Т.А.

Ведомство Институт Геофизики АН. Груз. ССР  
 Обсерватория Тбилиси (Душети) Широта 42°05' Долгота 44°42'

Среднемесячн. 7 = 42055\*

Месяц Август Год 1977

Элемент Вертикальная составляющая

7 = 41970\* = 0

| Дни                     | Время мировое |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |    |    |    |    |    |    |    | Средн. суточн. |    |
|-------------------------|---------------|----|----|----|----|----|----|----|----|----|----|----|----|-----|----|----|----|----|----|----|----|----|----|----------------|----|
|                         | 1             | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14  | 15 | 16 | 17 | 19 | 20 | 21 | 22 | 23 | 24 |                |    |
| 1                       | 89            | 93 | 96 | 93 | 88 | 88 | 81 | 73 | 70 | 67 | 69 | 77 | 85 | 89  | 92 | 89 | 88 | 89 | 90 | 92 | 91 | 90 | 88 | 87             | 86 |
| 2Q                      | 89            | 91 | 95 | 93 | 92 | 89 | 87 | 85 | 80 | 80 | 80 | 78 | 81 | 85  | 87 | 88 | 87 | 89 | 89 | 88 | 89 | 89 | 88 | 87             | 87 |
| 3                       | 88            | 90 | 92 | 91 | 88 | 84 | 77 | 69 | 60 | 59 | 67 | 73 | 76 | 81  | 85 | 84 | 84 | 89 | 92 | 92 | 90 | 89 | 90 | 89             | 82 |
| 4                       | 88            | 88 | 91 | 90 | 85 | 77 | 75 | 75 | 72 | 67 | 67 | 69 | 73 | 79  | 83 | 85 | 86 | 87 | 87 | 88 | 87 | 87 | 86 | 87             | 82 |
| 5D                      | 87            | 83 | 84 | 83 | 77 | 71 | 68 | 69 | 62 | 61 | 67 | 68 | 73 | 83  | 97 | 97 | 96 | 95 | 94 | 89 | 91 | 92 | 93 | 92             | 82 |
| 6                       | 90            | 91 | 92 | 92 | 91 | 88 | 85 | 85 | 87 | 88 | 88 | 87 | 87 | 89  | 93 | 95 | 93 | 93 | 92 | 89 | 88 | 88 | 89 | 90             | 90 |
| 7                       | 90            | 90 | 92 | 92 | 89 | 87 | 86 | 81 | 75 | 80 | 82 | 79 | 81 | 84  | 87 | 88 | 89 | 89 | 91 | 92 | 91 | 91 | 89 | 90             | 87 |
| 8                       | 89            | 91 | 90 | 87 | 88 | 90 | 84 | 79 | 79 | 77 | 79 | 80 | 82 | 83  | 85 | 89 | 90 | 90 | 90 | 89 | 89 | 88 | 89 | 89             | 86 |
| 9                       | 88            | 85 | 86 | 88 | 90 | 91 | 86 | 83 | 75 | 71 | 76 | 82 | 82 | 85  | 87 | 89 | 89 | 90 | 88 | 90 | 89 | 90 | 90 | 89             | 86 |
| 10                      | 89            | 90 | 91 | 89 | 87 | 85 | 83 | 78 | 72 | 74 | 79 | 81 | 83 | 87  | 89 | 89 | 89 | 91 | 92 | 90 | 88 | 87 | 87 | 88             | 86 |
| 11D                     | 87            | 86 | 87 | 83 | 85 | 86 | 85 | 81 | 79 | 80 | 78 | 78 | 81 | 85  | 85 | 81 | 83 | 85 | 85 | 87 | 87 | 88 | 89 | 88             | 84 |
| 12                      | 87            | 89 | 91 | 89 | 87 | 81 | 77 | 74 | 69 | 73 | 76 | 77 | 81 | 86  | 85 | 87 | 87 | 87 | 88 | 87 | 87 | 87 | 87 | 87             | 84 |
| 13                      | 87            | 89 | 93 | 92 | 89 | 85 | 81 | 82 | 80 | 81 | 87 | 87 | 87 | 92  | 91 | 89 | 88 | 88 | 89 | 89 | 89 | 89 | 86 | 87             | 87 |
| 14                      | 87            | 89 | 92 | 91 | 88 | 81 | 72 | 67 | 65 | 65 | 71 | 76 | 84 | 86  | 87 | 87 | 87 | 87 | 89 | 87 | 89 | 89 | 89 | 88             | 83 |
| 15                      | 87            | 89 | 92 | 91 | 90 | 83 | 74 | 69 | 72 | 77 | 79 | 79 | 81 | 85  | 87 | 85 | 86 | 87 | 87 | 88 | 88 | 87 | 86 | 86             | 84 |
| 16                      | 86            | 87 | 89 | 91 | 95 | 94 | 86 | 83 | 85 | 85 | 87 | 91 | 95 | 101 | 99 | 95 | 93 | 91 | 91 | 90 | 89 | 89 | 88 | 89             | 90 |
| 17D                     | 89            | 88 | 91 | 91 | 87 | 86 | 84 | 82 | 77 | 77 | 86 | 91 | 86 | 87  | 96 | 97 | 95 | 95 | 94 | 93 | 93 | 92 | 90 | 87             | 89 |
| 18                      | 87            | 89 | 91 | 92 | 92 | 83 | 77 | 76 | 73 | 72 | 75 | 75 | 77 | 84  | 88 | 90 | 90 | 90 | 90 | 91 | 90 | 89 | 89 | 90             | 85 |
| 19D                     | 90            | 91 | 89 | 87 | 88 | 80 | 69 | 71 | 75 | 77 | 77 | 79 | 83 | 88  | 91 | 91 | 91 | 89 | 90 | 91 | 89 | 87 | 89 | 85             | 85 |
| 20                      | 84            | 86 | 90 | 89 | 87 | 83 | 77 | 71 | 66 | 64 | 69 | 75 | 81 | 84  | 87 | 86 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87             | 82 |
| 21Q                     | 87            | 87 | 88 | 85 | 84 | 81 | 74 | 75 | 79 | 77 | 73 | 74 | 80 | 86  | 87 | 85 | 86 | 87 | 87 | 87 | 87 | 87 | 86 | 86             | 83 |
| 22Q                     | 86            | 87 | 88 | 86 | 84 | 79 | 73 | 67 | 63 | 67 | 72 | 76 | 80 | 83  | 86 | 86 | 87 | 87 | 87 | 87 | 87 | 86 | 85 | 86             | 83 |
| 23                      | 85            | 86 | 88 | 89 | 87 | 83 | 77 | 76 | 73 | 72 | 69 | 71 | 76 | 81  | 85 | 86 | 87 | 89 | 92 | 91 | 90 | 89 | 89 | 87             | 83 |
| 24                      | 86            | 86 | 86 | 87 | 89 | 89 | 81 | 75 | 74 | 75 | 79 | 81 | 85 | 90  | 96 | 97 | 96 | 95 | 93 | 91 | 90 | 90 | 89 | 88             | 87 |
| 25D                     | 87            | 87 | 87 | 86 | 86 | 85 | 77 | 67 | 68 | 71 | 73 | 81 | 83 | 81  | 89 | 98 | 95 | 94 | 94 | 93 | 90 | 90 | 91 | 90             | 85 |
| 26                      | 88            | 89 | 91 | 90 | 88 | 86 | 83 | 81 | 78 | 78 | 80 | 80 | 84 | 85  | 89 | 92 | 93 | 93 | 91 | 92 | 89 | 90 | 90 | 90             | 87 |
| 27                      | 90            | 91 | 92 | 91 | 89 | 86 | 80 | 77 | 76 | 80 | 84 | 83 | 82 | 87  | 90 | 91 | 91 | 91 | 91 | 89 | 91 | 91 | 90 | 89             | 87 |
| 28                      | 89            | 90 | 90 | 92 | 93 | 91 | 85 | 81 | 77 | 80 | 81 | 82 | 81 | 85  | 87 | 87 | 89 | 91 | 91 | 90 | 89 | 89 | 89 | 89             | 87 |
| 29                      | 89            | 89 | 91 | 90 | 90 | 86 | 79 | 77 | 74 | 75 | 79 | 83 | 87 | 90  | 91 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89             | 86 |
| 30Q                     | 89            | 89 | 91 | 92 | 90 | 86 | 83 | 78 | 73 | 75 | 77 | 79 | 81 | 87  | 91 | 90 | 91 | 91 | 91 | 89 | 88 | 87 | 87 | 87             | 86 |
| 31Q                     | 88            | 89 | 91 | 92 | 89 | 86 | 74 | 69 | 64 | 65 | 71 | 75 | 78 | 81  | 83 | 84 | 85 | 87 | 86 | 87 | 87 | 88 | 87 | 87             | 82 |
| Среднее по всем дням    | 88            | 89 | 90 | 89 | 88 | 85 | 79 | 76 | 73 | 74 | 77 | 79 | 82 | 86  | 89 | 89 | 89 | 90 | 90 | 89 | 89 | 89 | 88 | 88             | 85 |
| Среднее по сп. дням     | 88            | 89 | 91 | 90 | 88 | 84 | 78 | 75 | 72 | 73 | 75 | 76 | 80 | 84  | 87 | 87 | 87 | 88 | 88 | 88 | 87 | 87 | 87 | 87             | 84 |
| Среднее по возмущ. дням | 88            | 87 | 88 | 86 | 85 | 82 | 77 | 74 | 72 | 73 | 76 | 79 | 81 | 85  | 92 | 93 | 92 | 92 | 91 | 91 | 90 | 90 | 90 | 88             | 85 |

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

Обработал Бетситамвиши Т.А. Проверил а Эбрешидзе М.А.

Ведомство Инст. Геофизики АН Груз. ССР  
Обсерватория Тбилиси (Душети) Широта 42°05' Долгота 44°42'  
Месяц Сентябрь Год 1972

Среднемесячн. D = 4°56'1

Элемент Склонение

D = 4°42'0

| Дни                        | Время<br>мировое |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | Средн.<br>суточн. |      |      |
|----------------------------|------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------------------|------|------|
|                            |                  | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 19   | 20   | 21   | 22   | 23   | 24   |                   |      |      |
| Q 1                        |                  | 14.7 | 15.2 | 15.6 | 16.2 | 17.3 | 17.8 | 16.2 | 13.7 | 11.3 | 9.2  | 7.7  | 7.7  | 9.2  | 10.9 | 11.7 | 11.8 | 12.0 | 12.2 | 12.8 | 13.2 | 13.2 | 13.5 | 13.8 | 14.3              | 13.0 |      |
| 2                          |                  | 14.3 | 14.5 | 14.7 | 16.2 | 17.5 | 17.3 | 15.2 | 11.5 | 9.0  | 7.9  | 7.9  | 8.5  | 10.0 | 10.9 | 10.5 | 10.2 | 10.7 | 11.7 | 13.2 | 13.7 | 13.2 | 13.5 | 14.3 | 15.5              | 12.6 |      |
| 3                          |                  | 15.6 | 14.3 | 15.2 | 15.4 | 15.9 | 16.2 | 13.9 | 11.7 | 9.8  | 8.7  | 8.3  | 8.5  | 10.7 | 12.2 | 13.5 | 12.9 | 12.6 | 13.0 | 13.5 | 13.5 | 13.9 | 14.1 | 14.3 | 14.3              | 13.0 |      |
| 4                          |                  | 14.4 | 14.7 | 15.2 | 15.8 | 16.7 | 16.9 | 16.7 | 15.0 | 12.8 | 10.5 | 10.5 | 11.3 | 12.0 | 12.6 | 13.1 | 13.7 | 13.5 | 13.5 | 14.1 | 13.9 | 13.9 | 13.9 | 14.3 | 14.3              | 13.9 |      |
| Q 5                        |                  | 14.5 | 14.7 | 15.2 | 15.8 | 16.2 | 16.1 | 15.0 | 12.6 | 9.6  | 8.3  | 8.3  | 9.6  | 10.7 | 12.2 | 13.0 | 13.0 | 12.6 | 13.2 | 13.7 | 13.9 | 13.9 | 13.7 | 13.9 | 13.9              | 13.1 |      |
| Q 6                        |                  | 14.1 | 14.4 | 14.7 | 15.6 | 16.7 | 17.2 | 16.0 | 13.2 | 10.5 | 9.4  | 9.1  | 9.4  | 10.5 | 11.7 | 12.4 | 12.6 | 12.8 | 12.8 | 13.1 | 13.5 | 13.7 | 13.7 | 13.8 | 13.9              | 13.1 |      |
| 7                          |                  | 14.1 | 14.5 | 15.2 | 16.0 | 16.9 | 17.3 | 16.1 | 13.5 | 10.7 | 9.2  | 8.7  | 9.4  | 10.9 | 12.2 | 13.0 | 12.8 | 12.6 | 13.0 | 13.9 | 13.8 | 13.5 | 13.8 | 12.6 | 14.3              | 13.2 |      |
| 8                          |                  | 15.2 | 15.6 | 15.2 | 15.4 | 16.4 | 16.9 | 15.8 | 13.9 | 11.1 | 9.8  | 9.8  | 10.4 | 11.3 | 12.2 | 11.8 | 11.7 | 11.7 | 12.0 | 12.5 | 12.9 | 13.0 | 13.0 | 13.9 | 14.1              | 13.2 |      |
| 9                          |                  | 14.5 | 14.7 | 14.7 | 15.4 | 16.5 | 17.3 | 16.0 | 13.7 | 10.7 | 8.3  | 8.5  | 10.5 | 12.0 | 13.5 | 13.5 | 13.5 | 14.7 | 15.0 | 16.2 | 15.6 | 14.1 | 13.7 | 13.9 | 14.3              | 13.8 |      |
| 10                         |                  | 14.1 | 14.3 | 14.3 | 15.8 | 17.1 | 17.3 | 15.6 | 12.6 | 11.1 | 10.2 | 10.2 | 11.7 | 13.5 | 13.5 | 13.5 | 13.5 | 14.3 | 14.3 | 14.3 | 13.9 | 13.7 | 13.2 | 13.5 | 14.5              | 13.8 |      |
| 11                         |                  | 15.6 | 16.7 | 16.0 | 16.0 | 16.0 | 16.2 | 15.2 | 13.0 | 10.1 | 8.7  | 9.4  | 9.9  | 11.5 | 13.7 | 15.2 | 15.5 | 15.8 | 16.0 | 17.5 | 15.0 | 14.7 | 14.4 | 14.1 | 14.5              | 14.2 |      |
| 12                         |                  | 15.2 | 15.2 | 16.0 | 16.9 | 16.9 | 17.1 | 16.0 | 13.9 | 11.3 | 9.8  | 9.6  | 11.1 | 12.6 | 13.5 | 13.5 | 13.0 | 13.1 | 13.5 | 13.5 | 14.1 | 14.3 | 13.7 | 14.3 | 15.0              | 13.9 |      |
| D 13                       |                  | 15.2 | 15.2 | 15.0 | 15.8 | 16.7 | 16.9 | 15.2 | 12.6 | 10.2 | 9.4  | 10.0 | 11.3 | 13.7 | 13.2 | 13.3 | 15.4 | 16.9 | 17.3 | 18.0 | 17.8 | 15.0 | 16.0 | 15.8 | 15.5              | 14.6 |      |
| 14                         |                  | 15.1 | 14.7 | 15.2 | 18.4 | 18.3 | 18.6 | 16.5 | 14.1 | 11.7 | 10.2 | 10.0 | 11.1 | 12.2 | 13.2 | 13.7 | 13.0 | 13.2 | 13.9 | 14.2 | 14.7 | 15.4 | 15.0 | 14.7 | 14.3              | 14.2 |      |
| 15                         |                  | 14.5 | 14.7 | 15.4 | 16.2 | 17.1 | 17.8 | 17.1 | 15.2 | 13.0 | 10.9 | 10.3 | 10.9 | 11.7 | 13.7 | 13.9 | 13.9 | 13.9 | 13.9 | 14.1 | 14.2 | 14.3 | 14.4 | 14.5 | 14.4              | 14.2 |      |
| 16                         |                  | 14.3 | 14.3 | 14.5 | 16.1 | 17.3 | 18.4 | 17.3 | 14.7 | 12.0 | 9.0  | 8.4  | 9.4  | 10.5 | 11.3 | 11.7 | 12.6 | 13.5 | 13.7 | 13.7 | 13.9 | 14.3 | 14.3 | 13.9 | 13.9              | 13.5 |      |
| 17                         |                  | 14.1 | 14.3 | 14.3 | 15.8 | 17.5 | 18.4 | 16.7 | 13.9 | 11.3 | 9.2  | 9.1  | 10.7 | 11.5 | 12.8 | 14.0 | 13.5 | 14.1 | 13.8 | 13.7 | 13.9 | 13.9 | 14.3 | 14.1 | 14.0              | 13.7 |      |
| 18                         |                  | 14.3 | 14.5 | 15.1 | 16.2 | 17.0 | 17.4 | 16.0 | 13.7 | 11.3 | 9.4  | 8.7  | 9.6  | 11.1 | 12.4 | 13.4 | 13.2 | 13.5 | 13.7 | 13.8 | 13.9 | 14.1 | 14.0 | 14.3 | 14.2              | 13.5 |      |
| D 19                       |                  | 14.4 | 14.3 | 14.7 | 16.0 | 17.7 | 18.2 | 16.5 | 13.9 | 11.7 | 10.0 | 6.8  | 7.0  | 9.2  | 10.4 | 12.2 | 12.2 | 14.3 | 15.8 | 17.5 | 17.1 | 19.5 | 21.6 | 19.0 | 17.3              | 14.5 |      |
| D 20                       |                  | 15.4 | 15.4 | 16.8 | 18.2 | 19.7 | 19.0 | 16.8 | 13.9 | 11.3 | 10.2 | 9.4  | 10.2 | 12.4 | 15.6 | 16.1 | 15.6 | 16.2 | 16.7 | 15.2 | 16.5 | 16.5 | 14.9 | 16.0 | 16.0              | 15.2 |      |
| D 21                       |                  | 15.6 | 14.3 | 15.6 | 16.2 | 14.7 | 17.8 | 17.1 | 15.6 | 13.0 | 12.4 | 13.9 | 13.0 | 12.4 | 16.7 | 13.0 | 12.2 | 13.7 | 14.7 | 15.8 | 15.5 | 15.9 | 14.1 | 16.0 | 13.7              | 14.7 |      |
| D 22                       |                  | 12.6 | 18.2 | 15.8 | 15.4 | 17.8 | 17.8 | 16.7 | 14.5 | 13.4 | 12.2 | 10.9 | 12.9 | 12.8 | 17.3 | 15.8 | 19.2 | 18.6 | 17.5 | 17.1 | 18.2 | 19.7 | 18.0 | 18.0 | 16.4              | 16.1 |      |
| 23                         |                  | 17.1 | 17.0 | 16.9 | 17.1 | 17.5 | 17.8 | 16.5 | 14.7 | 13.1 | 12.6 | 12.6 | 12.8 | 13.5 | 14.5 | 15.6 | 16.9 | 17.3 | 17.8 | 18.6 | 17.4 | 16.2 | 15.5 | 14.3 | 13.5              | 15.7 |      |
| 24                         |                  | 13.9 | 15.6 | 16.2 | 17.1 | 18.5 | 18.2 | 15.8 | 14.1 | 12.2 | 12.2 | 12.5 | 12.0 | 12.8 | 14.1 | 15.0 | 16.0 | 16.9 | 15.2 | 15.1 | 15.2 | 15.3 | 15.3 | 15.8 | 15.8              | 15.0 |      |
| 25                         |                  | 16.0 | 15.4 | 15.4 | 16.3 | 17.5 | 18.0 | 16.7 | 15.0 | 12.8 | 12.0 | 11.5 | 12.5 | 13.7 | 14.2 | 14.1 | 14.3 | 15.4 | 15.4 | 14.3 | 14.6 | 16.5 | 15.7 | 14.7 | 15.0              | 14.9 |      |
| 26                         |                  | 15.0 | 15.1 | 15.0 | 15.4 | 16.5 | 16.8 | 15.9 | 14.1 | 11.3 | 9.4  | 10.0 | 10.7 | 12.4 | 13.9 | 15.6 | 15.4 | 16.9 | 17.5 | 15.4 | 16.7 | 17.8 | 15.4 | 13.9 | 15.0              | 14.6 |      |
| 27                         |                  | 19.2 | 17.3 | 18.0 | 18.8 | 19.5 | 17.1 | 17.1 | 16.0 | 14.3 | 13.7 | 12.9 | 12.7 | 13.7 | 14.3 | 13.9 | 13.7 | 13.8 | 14.1 | 14.2 | 14.5 | 15.0 | 15.4 | 15.6 | 15.4              | 15.4 |      |
| 28                         |                  | 15.4 | 15.4 | 15.2 | 15.2 | 16.0 | 16.7 | 16.4 | 14.7 | 12.3 | 10.9 | 11.1 | 10.4 | 11.3 | 13.5 | 13.6 | 16.0 | 14.3 | 14.7 | 14.3 | 15.0 | 15.2 | 15.2 | 15.2 | 15.0              | 14.3 |      |
| Q 29                       |                  | 14.7 | 14.7 | 14.7 | 15.4 | 17.1 | 18.0 | 17.8 | 16.5 | 14.1 | 12.5 | 11.7 | 11.4 | 11.8 | 12.2 | 12.6 | 12.8 | 13.0 | 13.5 | 13.8 | 13.8 | 13.8 | 13.9 | 14.1 | 14.3              | 14.1 |      |
| Q 30                       |                  | 14.3 | 14.1 | 14.1 | 14.7 | 16.2 | 18.0 | 17.8 | 15.6 | 12.8 | 10.9 | 9.2  | 9.4  | 10.9 | 12.2 | 12.6 | 12.6 | 12.8 | 13.7 | 14.1 | 13.9 | 14.4 | 14.3 | 14.3 | 13.9              | 13.6 |      |
| 31                         |                  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                   |      |      |
| Среднее по<br>всем дням    |                  | 14.9 | 15.1 | 15.3 | 16.2 | 17.1 | 17.5 | 16.3 | 14.0 | 11.7 | 10.2 | 9.9  | 10.5 | 11.8 | 13.2 | 13.5 | 13.8 | 14.2 | 14.4 | 14.7 | 14.8 | 14.9 | 14.7 | 14.7 | 14.7              | 14.1 |      |
| Среднее по<br>сп. дням.    |                  | 14.5 | 14.6 | 14.9 | 15.5 | 16.7 | 17.4 | 16.6 | 14.3 | 11.7 | 10.1 | 9.2  | 9.5  | 10.6 | 11.8 | 12.5 | 12.6 | 12.6 | 13.1 |      | 13.5 | 13.7 | 13.8 | 13.8 | 14.0              | 14.1 | 13.4 |
| Среднее по<br>возмущ. дням |                  | 14.6 | 15.5 | 15.6 | 16.3 | 17.3 | 17.9 | 16.5 | 14.1 | 11.9 | 10.8 | 10.2 | 10.9 | 12.1 | 14.6 | 14.1 | 14.9 | 15.9 | 16.4 |      | 16.7 | 17.0 | 17.3 | 16.9 | 17.0              | 15.8 | 15.0 |

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

Обработал Телситашвили Т. А. Проверил Зорендзе М. А.

Ведомство Инст. геофизики ВНГССР

Обсерватория Тбилиси (Душети)

Месяц Сентябрь Год 1944

Широта 42°05' Долгота 44°42'

Среднемесячн. H = 24189<sup>°</sup>

Элемент Горизонтальная составляющая

H = 24100<sup>°</sup> +            =           

| Время<br>мировое             | 1   | 2   | 3   | 4   | 5   | 6   | 7  | 8  | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24  | Средн.<br>суточн. |
|------------------------------|-----|-----|-----|-----|-----|-----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------------------|
| Q 1                          | 115 | 115 | 112 | 111 | 110 | 99  | 93 | 95 | 103 | 110 | 117 | 127 | 130 | 125 | 123 | 119 | 117 | 121 | 119 | 121 | 119 | 119 | 118 | 117 | 115               |
| 2                            | 117 | 118 | 126 | 122 | 111 | 103 | 97 | 99 | 111 | 116 | 121 | 129 | 129 | 128 | 134 | 131 | 127 | 115 | 118 | 121 | 122 | 117 | 117 | 111 | 118               |
| 3                            | 98  | 113 | 107 | 119 | 113 | 95  | 93 | 97 | 103 | 103 | 106 | 110 | 104 | 103 | 102 | 104 | 104 | 103 | 103 | 103 | 105 | 109 | 105 | 109 | 105               |
| 4                            | 106 | 110 | 110 | 105 | 100 | 93  | 85 | 79 | 79  | 92  | 86  | 85  | 93  | 101 | 104 | 101 | 101 | 109 | 103 | 103 | 103 | 104 | 101 | 103 | 98                |
| Q 5                          | 105 | 105 | 105 | 99  | 91  | 81  | 75 | 79 | 92  | 103 | 111 | 111 | 117 | 107 | 105 | 104 | 107 | 107 | 109 | 109 | 109 | 109 | 106 | 105 | 102               |
| Q 6                          | 105 | 105 | 105 | 107 | 101 | 93  | 87 | 85 | 95  | 111 | 117 | 123 | 121 | 115 | 109 | 108 | 109 | 111 | 110 | 110 | 109 | 117 | 114 | 113 | 108               |
| 7                            | 114 | 113 | 111 | 111 | 109 | 93  | 87 | 95 | 108 | 115 | 115 | 115 | 115 | 116 | 113 | 109 | 105 | 105 | 109 | 107 | 107 | 115 | 117 | 117 | 109               |
| 8                            | 110 | 111 | 113 | 116 | 105 | 88  | 78 | 75 | 99  | 111 | 117 | 122 | 127 | 119 | 119 | 115 | 117 | 123 | 117 | 119 | 117 | 127 | 127 | 122 | 112               |
| 9                            | 113 | 111 | 113 | 112 | 99  | 91  | 77 | 73 | 80  | 97  | 103 | 91  | 79  | 87  | 87  | 93  | 89  | 91  | 89  | 105 | 101 | 103 | 105 | 103 | 96                |
| 10                           | 104 | 111 | 105 | 108 | 91  | 79  | 65 | 66 | 68  | 79  | 84  | 77  | 87  | 95  | 91  | 87  | 85  | 89  | 95  | 103 | 97  | 109 | 110 | 103 | 91                |
| 11                           | 103 | 99  | 104 | 87  | 69  | 56  | 49 | 47 | 67  | 67  | 67  | 80  | 87  | 71  | 66  | 68  | 73  | 73  | 85  | 78  | 85  | 90  | 97  | 104 | 78                |
| 12                           | 92  | 93  | 95  | 87  | 79  | 71  | 64 | 63 | 73  | 82  | 93  | 98  | 99  | 98  | 97  | 97  | 93  | 95  | 95  | 96  | 93  | 116 | 104 | 103 | 91                |
| D 13                         | 98  | 101 | 107 | 105 | 92  | 77  | 61 | 45 | 55  | 70  | 80  | 69  | 62  | 74  | 61  | 50  | 74  | 99  | 50  | 75  | 95  | 75  | 80  | 83  | 77                |
| 14                           | 88  | 97  | 95  | 89  | 80  | 61  | 55 | 58 | 65  | 73  | 80  | 87  | 90  | 93  | 91  | 96  | 96  | 93  | 92  | 94  | 90  | 92  | 93  | 95  | 85                |
| 15                           | 97  | 94  | 97  | 94  | 85  | 73  | 62 | 63 | 66  | 61  | 69  | 89  | 91  | 87  | 87  | 87  | 94  | 99  | 99  | 102 | 99  | 101 | 105 | 104 | 88                |
| 16                           | 103 | 105 | 108 | 106 | 97  | 85  | 75 | 80 | 83  | 90  | 104 | 112 | 118 | 116 | 108 | 99  | 102 | 107 | 109 | 103 | 125 | 110 | 103 | 103 | 102               |
| 17                           | 102 | 101 | 105 | 110 | 103 | 90  | 66 | 49 | 66  | 75  | 81  | 87  | 91  | 90  | 91  | 93  | 104 | 102 | 103 | 102 | 101 | 104 | 104 | 104 | 93                |
| 18                           | 101 | 101 | 101 | 103 | 101 | 93  | 71 | 93 | 104 | 111 | 110 | 106 | 105 | 109 | 102 | 101 | 103 | 103 | 104 | 105 | 103 | 110 | 107 | 109 | 102               |
| D 19                         | 106 | 111 | 113 | 113 | 109 | 96  | 81 | 79 | 83  | 98  | 105 | 125 | 152 | 87  | 65  | 31  | 21  | 42  | 69  | 98  | 56  | 45  | 58  | 75  | 84                |
| D 20                         | 75  | 91  | 74  | 78  | 57  | 49  | 39 | 32 | 40  | 23  | 31  | 45  | 43  | 19  | 14  | 11  | 45  | 89  | 67  | 69  | 97  | 99  | 91  | 79  | 57                |
| D 21                         | 87  | 85  | 87  | 78  | 75  | 45  | 50 | 15 | 27  | 19  | 4   | 65  | 50  | 43  | 63  | 67  | 67  | 68  | 68  | 71  | 81  | 136 | 110 | 69  | 64                |
| D 22                         | 86  | 85  | 80  | 35  | 61  | 54  | 44 | 49 | 41  | 71  | 62  | 61  | 68  | 51  | 27  | 35  | 57  | -4  | 21  | 45  | 80  | 40  | 53  | 65  | 53                |
| 23                           | 57  | 59  | 58  | 55  | 51  | 46  | 50 | 59 | 69  | 78  | 86  | 79  | 61  | 55  | 77  | 86  | 87  | 51  | 67  | 98  | 83  | 69  | 70  | 74  | 68                |
| 24                           | 71  | 73  | 75  | 65  | 55  | 45  | 55 | 67 | 77  | 74  | 73  | 87  | 86  | 84  | 77  | 69  | 68  | 72  | 76  | 80  | 80  | 101 | 90  | 83  | 74                |
| 25                           | 85  | 86  | 89  | 81  | 69  | 66  | 58 | 61 | 73  | 73  | 79  | 92  | 87  | 86  | 82  | 80  | 75  | 80  | 85  | 84  | 97  | 80  | 85  | 84  | 80                |
| 26                           | 85  | 84  | 84  | 85  | 79  | 67  | 62 | 81 | 98  | 102 | 76  | 83  | 87  | 74  | 56  | 39  | 53  | 69  | 71  | 72  | 74  | 90  | 107 | 82  | 78                |
| 27                           | 92  | 91  | 92  | 68  | 50  | 43  | 33 | 41 | 59  | 73  | 79  | 78  | 74  | 77  | 77  | 79  | 81  | 84  | 87  | 89  | 88  | 87  | 84  | 85  | 75                |
| 28                           | 85  | 85  | 84  | 87  | 85  | 79  | 75 | 79 | 79  | 72  | 90  | 90  | 81  | 61  | 45  | 65  | 67  | 81  | 85  | 88  | 91  | 88  | 85  | 86  | 80                |
| Q 29                         | 87  | 87  | 89  | 89  | 87  | 81  | 74 | 78 | 83  | 91  | 95  | 99  | 96  | 91  | 91  | 93  | 96  | 97  | 99  | 103 | 103 | 103 | 103 | 102 | 92                |
| Q 30                         | 98  | 99  | 103 | 109 | 105 | 98  | 88 | 87 | 89  | 96  | 108 | 103 | 92  | 92  | 101 | 103 | 100 | 104 | 98  | 98  | 93  | 96  | 99  | 101 | 98                |
| 31                           |     |     |     |     |     |     |    |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                   |
| Среднее по<br>всем дням      | 96  | 98  | 98  | 94  | 87  | 76  | 68 | 69 | 78  | 85  | 88  | 94  | 94  | 88  | 86  | 84  | 87  | 89  | 90  | 95  | 97  | 99  | 98  | 96  | 89                |
| Среднее по сп.<br>дням       | 102 | 102 | 103 | 103 | 99  | 90  | 83 | 85 | 92  | 102 | 110 | 113 | 111 | 106 | 106 | 105 | 106 | 108 | 107 | 108 | 107 | 109 | 108 | 108 | 103               |
| Среднее по в.<br>звезд. дням | 90  | 95  | 92  | 82  | 79  | 64  | 55 | 44 | 49  | 56  | 56  | 73  | 75  | 55  | 46  | 39  | 53  | 59  | 55  | 72  | 82  | 79  | 78  | 74  | 67                |

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

Обработала Эбрелдзге М. А.

Проверил Бекиташвили Т. В.

Ведомство Цент. Геофизики АН. СССР

Обсерватория Тбилиси (Думети)

Широта 42°05' Долгота 44°42'

Среднемесячн. 7 = 42059<sup>8</sup>

Элемент Вертикальная составляющая

Месяц \_\_\_\_\_ Год \_\_\_\_\_

7 = 41970<sup>8</sup> + \_\_\_\_\_ = \_\_\_\_\_

| Дни                             | Время<br>мировое |     |     |     |     |     |     |     |    |    |    |     |     |     |     |     |     |     |     |     |     |     |     |     | Средн.<br>суточн. |
|---------------------------------|------------------|-----|-----|-----|-----|-----|-----|-----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------------------|
|                                 |                  | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8  | 9  | 10 | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 19  | 20  | 21  | 22  | 23  | 24  |                   |
| Q 1                             |                  | 84  | 84  | 85  | 85  | 86  | 83  | 80  | 76 | 75 | 78 | 78  | 77  | 79  | 81  | 82  | 82  | 82  | 84  | 84  | 84  | 84  | 83  | 83  | 82                |
| 2                               |                  | 83  | 83  | 83  | 85  | 88  | 85  | 76  | 70 | 71 | 69 | 67  | 72  | 74  | 76  | 77  | 78  | 80  | 83  | 84  | 85  | 84  | 84  | 84  | 79                |
| 3                               |                  | 85  | 83  | 83  | 83  | 83  | 84  | 79  | 78 | 77 | 77 | 80  | 78  | 80  | 83  | 85  | 85  | 85  | 86  | 87  | 87  | 86  | 86  | 85  | 83                |
| 4                               |                  | 85  | 85  | 86  | 87  | 88  | 88  | 86  | 84 | 81 | 79 | 85  | 86  | 82  | 81  | 83  | 84  | 86  | 86  | 87  | 87  | 86  | 86  | 85  | 85                |
| Q 5                             |                  | 85  | 85  | 86  | 86  | 86  | 86  | 82  | 80 | 78 | 78 | 82  | 83  | 81  | 83  | 84  | 84  | 84  | 85  | 85  | 85  | 85  | 85  | 85  | 83                |
| Q 6                             |                  | 85  | 85  | 86  | 86  | 89  | 89  | 82  | 78 | 72 | 70 | 75  | 80  | 83  | 84  | 84  | 83  | 84  | 84  | 84  | 84  | 84  | 84  | 84  | 83                |
| 7                               |                  | 84  | 84  | 84  | 84  | 83  | 81  | 74  | 71 | 70 | 69 | 76  | 81  | 83  | 82  | 82  | 82  | 84  | 84  | 84  | 84  | 84  | 84  | 83  | 81                |
| 8                               |                  | 84  | 84  | 84  | 84  | 87  | 90  | 85  | 80 | 81 | 84 | 87  | 87  | 83  | 82  | 81  | 82  | 82  | 83  | 85  | 85  | 84  | 83  | 82  | 84                |
| 9                               |                  | 84  | 84  | 85  | 87  | 89  | 89  | 83  | 75 | 69 | 72 | 80  | 84  | 87  | 86  | 86  | 86  | 88  | 89  | 90  | 88  | 88  | 87  | 87  | 85                |
| 10                              |                  | 86  | 85  | 86  | 84  | 86  | 85  | 81  | 80 | 77 | 75 | 81  | 88  | 87  | 86  | 86  | 86  | 88  | 88  | 88  | 86  | 84  | 86  | 85  | 85                |
| 11                              |                  | 85  | 85  | 86  | 86  | 87  | 85  | 82  | 78 | 72 | 70 | 76  | 82  | 84  | 90  | 92  | 92  | 92  | 93  | 91  | 92  | 91  | 91  | 90  | 88                |
| 12                              |                  | 89  | 89  | 90  | 89  | 88  | 86  | 84  | 81 | 78 | 78 | 79  | 83  | 86  | 88  | 87  | 87  | 89  | 89  | 89  | 89  | 90  | 89  | 88  | 86                |
| D 13                            |                  | 88  | 87  | 86  | 87  | 90  | 90  | 82  | 78 | 79 | 79 | 82  | 88  | 94  | 92  | 95  | 99  | 98  | 94  | 97  | 95  | 91  | 92  | 92  | 89                |
| 14                              |                  | 92  | 91  | 92  | 92  | 92  | 88  | 87  | 87 | 85 | 79 | 79  | 83  | 87  | 89  | 88  | 87  | 88  | 89  | 90  | 90  | 91  | 91  | 90  | 88                |
| 15                              |                  | 89  | 89  | 90  | 92  | 94  | 94  | 91  | 87 | 85 | 87 | 87  | 89  | 91  | 91  | 91  | 90  | 90  | 90  | 90  | 89  | 89  | 89  | 89  | 90                |
| 16                              |                  | 87  | 88  | 89  | 90  | 92  | 89  | 83  | 79 | 78 | 78 | 80  | 82  | 82  | 81  | 84  | 87  | 89  | 88  | 88  | 89  | 85  | 86  | 87  | 85                |
| 17                              |                  | 88  | 88  | 89  | 90  | 90  | 88  | 81  | 81 | 84 | 85 | 83  | 87  | 88  | 89  | 89  | 89  | 89  | 90  | 89  | 90  | 90  | 89  | 88  | 88                |
| 18                              |                  | 89  | 89  | 90  | 91  | 90  | 89  | 88  | 85 | 81 | 82 | 86  | 91  | 92  | 91  | 88  | 88  | 89  | 89  | 88  | 88  | 89  | 88  | 87  | 88                |
| D 19                            |                  | 88  | 87  | 88  | 90  | 89  | 86  | 79  | 77 | 77 | 74 | 76  | 76  | 80  | 92  | 94  | 105 | 106 | 105 | 102 | 95  | 96  | 96  | 97  | 95                |
| D 20                            |                  | 95  | 90  | 91  | 95  | 97  | 92  | 80  | 81 | 83 | 87 | 94  | 99  | 106 | 110 | 112 | 114 | 108 | 99  | 102 | 100 | 94  | 93  | 93  | 95                |
| D 21                            |                  | 95  | 95  | 95  | 96  | 96  | 97  | 94  | 91 | 86 | 92 | 106 | 103 | 105 | 108 | 104 | 100 | 101 | 102 | 102 | 103 | 101 | 93  | 92  | 98                |
| D 22                            |                  | 87  | 88  | 92  | 99  | 97  | 94  | 87  | 86 | 86 | 88 | 94  | 92  | 98  | 104 | 109 | 111 | 106 | 112 | 112 | 107 | 99  | 103 | 102 | 98                |
| 23                              |                  | 101 | 101 | 101 | 104 | 104 | 101 | 98  | 95 | 93 | 91 | 92  | 94  | 98  | 101 | 99  | 99  | 97  | 102 | 100 | 92  | 93  | 96  | 96  | 98                |
| 24                              |                  | 96  | 96  | 97  | 101 | 104 | 101 | 95  | 90 | 86 | 87 | 92  | 95  | 97  | 98  | 97  | 99  | 100 | 99  | 98  | 98  | 98  | 94  | 94  | 96                |
| 25                              |                  | 95  | 95  | 94  | 98  | 101 | 99  | 91  | 89 | 87 | 86 | 88  | 93  | 97  | 95  | 93  | 95  | 96  | 96  | 96  | 96  | 94  | 95  | 94  | 94                |
| 26                              |                  | 94  | 94  | 94  | 95  | 99  | 100 | 94  | 84 | 83 | 85 | 90  | 91  | 92  | 94  | 98  | 103 | 103 | 101 | 100 | 99  | 97  | 95  | 89  | 94                |
| 27                              |                  | 89  | 89  | 88  | 96  | 103 | 107 | 106 | 97 | 91 | 88 | 89  | 93  | 95  | 94  | 94  | 95  | 96  | 96  | 96  | 96  | 95  | 95  | 96  | 95                |
| 28                              |                  | 95  | 95  | 94  | 97  | 101 | 102 | 100 | 95 | 89 | 86 | 85  | 90  | 95  | 98  | 101 | 99  | 101 | 98  | 98  | 98  | 97  | 97  | 96  | 96                |
| Q 29                            |                  | 96  | 95  | 95  | 98  | 99  | 97  | 93  | 87 | 84 | 81 | 79  | 80  | 85  | 90  | 92  | 94  | 94  | 94  | 94  | 94  | 94  | 94  | 93  | 91                |
| Q 30                            |                  | 93  | 92  | 92  | 93  | 96  | 94  | 89  | 81 | 75 | 74 | 73  | 76  | 86  | 91  | 90  | 91  | 93  | 93  | 94  | 94  | 95  | 94  | 93  | 89                |
| 31                              |                  |     |     |     |     |     |     |     |    |    |    |     |     |     |     |     |     |     |     |     |     |     |     |     |                   |
| Среднее по<br>всем дням         |                  | 89  | 89  | 89  | 91  | 92  | 91  | 86  | 83 | 80 | 80 | 83  | 84  | 89  | 90  | 91  | 92  | 92  | 92  | 92  | 92  | 91  | 90  | 95  | 90                |
| Среднее по<br>спокойным<br>дням |                  | 89  | 88  | 89  | 90  | 91  | 90  | 85  | 80 | 77 | 76 | 77  | 79  | 83  | 86  | 86  | 87  | 87  | 88  | 88  | 88  | 89  | 88  | 88  | 87                |
| Среднее по<br>возмущ. дням      |                  | 91  | 89  | 90  | 93  | 94  | 92  | 84  | 83 | 82 | 84 | 90  | 92  | 97  | 101 | 103 | 106 | 104 | 102 | 103 | 100 | 96  | 95  | 95  | 95                |

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

Обработала Забелидзе И.В.

Проверил Бежташвили М.В.

Ведомство Инст. Геофизики АН Груз. ССР  
Обсерватория Тбилиси (Душети) Широта 42°05' Долгота 44°42'

Среднемесячн. Д = 4°56'.2

Месяц Октябрь Год 1977

Элемент Склонение

Д = 4°42'.0 + \_\_\_\_\_ = \_\_\_\_\_

| Время<br>мировое           |  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | Средн.<br>суточн. |      |
|----------------------------|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------------------|------|
| Дни                        |  | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 19   | 20   | 21   | 22   | 23   | 24   |                   |      |
| Q 1                        |  | 13.9 | 13.7 | 13.9 | 14.8 | 16.5 | 18.6 | 19.0 | 16.6 | 12.6 | 9.0  | 8.4  | 7.9  | 10.0 | 11.6 | 12.1 | 12.9 | 13.0 | 13.2 | 13.2 | 13.5 | 13.6 | 13.7 | 13.9 | 13.9              | 13.3 |
| 2                          |  | 13.8 | 13.5 | 13.4 | 13.9 | 15.8 | 17.5 | 17.4 | 15.9 | 12.7 | 8.7  | 6.6  | 7.2  | 9.9  | 12.0 | 12.8 | 12.9 | 13.4 | 13.7 | 13.9 | 14.1 | 14.1 | 14.1 | 14.1 | 14.0              | 13.1 |
| 3                          |  | 13.9 | 13.5 | 13.4 | 13.9 | 15.8 | 17.4 | 17.8 | 16.0 | 11.7 | 8.5  | 7.0  | 7.2  | 9.0  | 8.7  | 10.5 | 12.8 | 13.2 | 13.4 | 14.1 | 13.9 | 14.1 | 14.2 | 14.5 | 14.3              | 12.9 |
| 4                          |  | 14.2 | 14.2 | 13.2 | 13.9 | 15.7 | 17.4 | 17.5 | 15.8 | 11.6 | 9.2  | 8.7  | 9.0  | 10.7 | 12.0 | 12.9 | 13.2 | 13.5 | 13.8 | 13.9 | 14.1 | 14.7 | 14.7 | 15.0 | 15.1              | 13.5 |
| 5                          |  | 14.5 | 14.1 | 14.1 | 15.0 | 16.2 | 17.5 | 16.9 | 15.4 | 12.6 | 10.9 | 8.4  | 9.4  | 10.7 | 11.5 | 12.2 | 12.6 | 13.5 | 14.2 | 14.1 | 14.7 | 14.4 | 14.3 | 14.3 | 14.3              | 13.6 |
| 6                          |  | 14.3 | 14.3 | 13.5 | 14.5 | 15.6 | 16.2 | 16.8 | 15.8 | 12.8 | 10.7 | 9.8  | 9.4  | 10.8 | 11.7 | 11.7 | 12.3 | 13.0 | 13.9 | 13.5 | 13.2 | 13.5 | 13.7 | 13.9 | 13.9              | 13.3 |
| Q 7                        |  | 13.9 | 13.9 | 13.9 | 14.3 | 15.4 | 16.7 | 16.8 | 15.8 | 13.9 | 11.5 | 10.9 | 10.7 | 11.3 | 12.0 | 12.2 | 12.6 | 12.8 | 13.0 | 13.2 | 13.4 | 13.5 | 13.6 | 13.8 | 13.9              | 13.5 |
| 8                          |  | 13.9 | 13.9 | 14.1 | 14.6 | 16.4 | 18.0 | 18.2 | 16.0 | 13.0 | 11.4 | 9.4  | 9.6  | 10.6 | 11.5 | 11.3 | 11.7 | 12.4 | 13.2 | 13.7 | 14.2 | 14.7 | 14.5 | 14.3 | 14.2              | 13.5 |
| Q 9                        |  | 13.9 | 13.9 | 13.7 | 14.0 | 15.2 | 16.5 | 16.5 | 14.7 | 12.4 | 11.2 | 11.2 | 12.0 | 13.0 | 13.5 | 13.0 | 13.0 | 13.0 | 13.5 | 13.7 | 13.9 | 14.1 | 14.1 | 14.3 | 14.3              | 13.7 |
| Q 10                       |  | 14.3 | 14.1 | 14.1 | 14.5 | 15.6 | 16.5 | 16.2 | 14.7 | 13.2 | 12.4 | 12.0 | 12.0 | 12.8 | 12.6 | 12.4 | 12.8 | 12.8 | 12.6 | 13.0 | 13.5 | 13.9 | 13.9 | 14.1 | 13.3              | 13.6 |
| 11                         |  | 13.7 | 13.7 | 13.2 | 13.8 | 15.6 | 16.5 | 15.6 | 12.4 | 10.2 | 9.6  | 10.2 | 10.7 | 11.7 | 11.7 | 12.2 | 12.2 | 12.5 | 12.4 | 12.5 | 13.0 | 13.5 | 16.1 | 17.1 | 15.6              | 13.2 |
| D 12                       |  | 14.4 | 13.7 | 14.1 | 13.7 | 15.6 | 17.1 | 17.3 | 15.8 | 13.4 | 12.4 | 10.9 | 13.5 | 13.9 | 12.0 | 13.0 | 15.8 | 17.5 | 15.0 | 15.2 | 14.7 | 14.3 | 14.7 | 14.3 | 14.1              | 14.4 |
| 13                         |  | 14.1 | 14.1 | 14.2 | 14.5 | 16.7 | 17.1 | 17.1 | 16.0 | 13.7 | 11.5 | 10.5 | 10.7 | 12.2 | 14.5 | 12.2 | 12.2 | 13.2 | 13.8 | 14.1 | 14.5 | 14.5 | 14.1 | 13.9 | 13.9              | 13.9 |
| 14                         |  | 13.7 | 14.1 | 13.9 | 14.3 | 15.8 | 17.1 | 16.5 | 13.7 | 10.0 | 9.4  | 9.8  | 11.1 | 11.5 | 12.2 | 12.0 | 12.6 | 12.6 | 13.1 | 13.9 | 13.7 | 14.3 | 16.0 | 15.2 | 16.2              | 13.4 |
| 15                         |  | 16.0 | 13.7 | 15.2 | 15.5 | 16.9 | 17.8 | 16.0 | 13.7 | 10.9 | 10.5 | 10.7 | 12.4 | 13.0 | 13.2 | 12.4 | 12.0 | 12.8 | 14.1 | 15.3 | 16.4 | 16.7 | 18.0 | 17.5 | 16.5              | 14.5 |
| 16                         |  | 16.2 | 15.6 | 14.7 | 15.4 | 16.9 | 17.4 | 17.6 | 16.0 | 13.2 | 11.7 | 11.0 | 11.7 | 12.6 | 13.4 | 14.3 | 12.8 | 13.0 | 13.5 | 13.9 | 14.1 | 14.5 | 14.7 | 14.5 | 15.1              | 14.3 |
| 17                         |  | 15.1 | 15.6 | 15.0 | 15.6 | 16.7 | 17.4 | 17.3 | 15.8 | 13.9 | 11.5 | 10.9 | 11.5 | 12.8 | 13.5 | 13.5 | 14.5 | 16.9 | 16.5 | 16.0 | 15.6 | 15.0 | 14.1 | 14.7 | 15.8              | 14.8 |
| 18                         |  | 15.4 | 14.5 | 13.2 | 14.3 | 15.2 | 15.6 | 15.6 | 14.4 | 13.0 | 12.2 | 12.8 | 13.0 | 12.8 | 13.7 | 14.4 | 14.3 | 14.5 | 13.9 | 17.8 | 22.2 | 19.6 | 19.0 | 18.8 | 18.0              | 15.3 |
| D 19                       |  | 14.5 | 12.0 | 12.2 | 14.1 | 16.5 | 18.0 | 17.3 | 17.1 | 15.5 | 13.0 | 12.6 | 13.5 | 16.9 | 17.8 | 18.0 | 17.1 | 15.8 | 16.5 | 16.2 | 16.2 | 15.6 | 15.2 | 15.2 | 15.0              | 15.5 |
| 20                         |  | 15.0 | 14.7 | 14.6 | 15.0 | 15.6 | 16.5 | 17.3 | 16.5 | 15.2 | 14.1 | 13.7 | 13.9 | 14.7 | 15.1 | 14.7 | 15.2 | 15.6 | 14.7 | 14.5 | 14.7 | 14.7 | 15.2 | 15.2 | 14.3              | 15.0 |
| 21                         |  | 15.2 | 14.7 | 14.3 | 14.5 | 15.6 | 16.5 | 16.0 | 14.5 | 12.8 | 11.7 | 12.0 | 13.2 | 14.5 | 14.7 | 14.7 | 14.7 | 15.2 | 16.0 | 16.5 | 16.8 | 15.6 | 15.6 | 15.6 | 15.8              | 14.8 |
| D 22                       |  | 13.2 | 14.3 | 13.0 | 13.0 | 13.5 | 14.1 | 13.9 | 14.1 | 14.3 | 13.7 | 13.0 | 14.3 | 16.7 | 15.2 | 14.7 | 15.2 | 16.2 | 17.5 | 16.9 | 17.5 | 16.7 | 15.6 | 15.2 | 15.2              | 14.9 |
| 23                         |  | 15.2 | 14.7 | 14.3 | 14.7 | 15.6 | 16.0 | 15.6 | 14.1 | 13.0 | 12.8 | 12.8 | 13.0 | 13.7 | 13.9 | 14.2 | 14.3 | 14.3 | 14.7 | 14.7 | 14.7 | 15.6 | 15.6 | 14.7 | 14.1              | 14.4 |
| 24                         |  | 13.9 | 13.5 | 13.0 | 13.9 | 15.6 | 16.5 | 16.7 | 14.5 | 12.2 | 12.2 | 12.2 | 13.0 | 13.0 | 13.1 | 13.9 | 14.3 | 14.3 | 14.8 | 15.0 | 15.2 | 14.7 | 14.3 | 14.1 | 13.5              | 14.1 |
| Q 25                       |  | 13.9 | 14.3 | 13.9 | 14.1 | 15.2 | 15.8 | 15.4 | 13.2 | 11.3 | 9.8  | 10.0 | 11.1 | 12.6 | 13.0 | 13.1 | 13.5 | 13.5 | 13.5 | 14.7 | 15.2 | 15.8 | 16.0 | 15.6 | 14.5              | 13.7 |
| 26                         |  | 13.9 | 13.9 | 13.9 | 13.9 | 14.5 | 15.2 | 14.3 | 13.0 | 11.1 | 9.6  | 10.2 | 11.7 | 13.0 | 13.0 | 13.0 | 13.1 | 13.5 | 13.9 | 13.9 | 14.1 | 14.1 | 14.3 | 14.3 | 13.9              | 13.3 |
| D 27                       |  | 16.0 | 16.5 | 16.0 | 13.9 | 14.7 | 15.6 | 15.6 | 14.1 | 10.2 | 9.8  | 11.5 | 11.3 | 13.7 | 13.9 | 15.2 | 16.5 | 18.2 | 18.6 | 20.1 | 24.2 | 25.7 | 25.2 | 25.5 | 20.8              | 16.8 |
| D 28                       |  | 19.9 | 17.3 | 11.3 | 12.5 | 13.5 | 15.0 | 15.4 | 15.2 | 13.9 | 12.6 | 13.7 | 14.5 | 14.5 | 15.4 | 16.0 | 15.2 | 17.8 | 17.8 | 16.5 | 14.5 | 16.0 | 15.5 | 15.4 | 15.4              | 15.2 |
| 29                         |  | 15.2 | 15.2 | 15.4 | 14.7 | 15.2 | 15.9 | 16.0 | 15.0 | 12.4 | 11.5 | 12.4 | 13.2 | 14.5 | 14.7 | 14.0 | 13.5 | 15.2 | 15.6 | 14.7 | 15.2 | 15.2 | 15.2 | 15.4 | 15.2              | 14.6 |
| 30                         |  | 14.7 | 14.3 | 14.3 | 14.5 | 15.6 | 16.5 | 16.5 | 15.6 | 13.2 | 11.3 | 11.1 | 12.2 | 12.8 | 13.0 | 13.0 | 14.3 | 15.4 | 17.8 | 16.0 | 15.8 | 15.8 | 15.2 | 15.2 | 15.2              | 14.6 |
| 31                         |  | 15.2 | 14.7 | 14.5 | 14.4 | 16.0 | 17.3 | 17.8 | 16.2 | 13.7 | 11.7 | 11.7 | 12.8 | 13.1 | 13.2 | 13.5 | 13.7 | 13.7 | 13.9 | 14.7 | 14.7 | 14.3 | 14.5 | 14.5 | 14.3              | 14.3 |
| Среднее по<br>всем дням    |  | 14.7 | 14.3 | 13.9 | 14.3 | 15.6 | 16.7 | 16.6 | 15.1 | 12.7 | 11.2 | 10.8 | 11.5 | 12.7 | 13.1 | 13.3 | 13.7 | 14.3 | 14.6 | 14.4 | 15.2 | 15.3 | 15.3 | 15.3 | 15.0              | 14.2 |
| Среднее по<br>сп. дням     |  | 14.0 | 14.0 | 13.9 | 14.3 | 15.6 | 16.8 | 16.8 | 15.0 | 12.7 | 10.8 | 10.5 | 10.7 | 11.9 | 12.5 | 12.6 | 13.0 | 13.0 | 13.2 | 13.6 | 13.9 | 14.2 | 14.3 | 14.3 | 14.0              | 13.6 |
| Среднее по<br>возмущ. дням |  | 15.6 | 14.8 | 13.3 | 13.4 | 14.8 | 16.0 | 15.9 | 15.3 | 13.5 | 12.3 | 12.3 | 13.4 | 15.1 | 14.9 | 15.4 | 16.0 | 17.1 | 17.1 | 17.0 | 17.4 | 17.7 | 17.2 | 17.1 | 16.1              | 15.4 |

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

Обработал Чикавдзе Т. И.

Проверил Збремидзе М. А.

Ведомство Инст. Геофизики АН Груз. ССР.  
Обсерватория Тбилиси (Душети) Широта 42°05' Долгота 44°42'

Среднемесячн. H = 24186<sup>8</sup>

Элемент Горизонтальная составляющая

Месяц Октябрь Год 1977

H = 24100<sup>8</sup> +                      =                      =                     

| Дни                      | Время<br>мировое |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | Средн.<br>суточн. |
|--------------------------|------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------------------|
|                          |                  | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 19  | 20  | 21  | 22  | 23  | 24  |     |                   |
| Q 1                      |                  | 98  | 102 | 104 | 104 | 98  | 88  | 76  | 76  | 80  | 84  | 92  | 102 | 104 | 104 | 103 | 103 | 106 | 105 | 108 | 106 | 106 | 109 | 108 | 105 | 99                |
| 2                        |                  | 106 | 110 | 113 | 115 | 112 | 103 | 91  | 86  | 82  | 83  | 89  | 101 | 104 | 105 | 103 | 102 | 101 | 101 | 101 | 102 | 102 | 103 | 105 | 105 | 101               |
| 3                        |                  | 107 | 108 | 109 | 110 | 108 | 100 | 98  | 85  | 66  | 62  | 76  | 89  | 97  | 98  | 98  | 96  | 94  | 96  | 92  | 98  | 98  | 98  | 97  | 105 | 95                |
| 4                        |                  | 95  | 94  | 102 | 102 | 92  | 82  | 68  | 61  | 73  | 80  | 87  | 84  | 83  | 90  | 96  | 97  | 98  | 97  | 100 | 99  | 105 | 102 | 98  | 102 | 91                |
| 5                        |                  | 102 | 108 | 108 | 108 | 104 | 100 | 95  | 92  | 95  | 102 | 111 | 109 | 112 | 108 | 104 | 103 | 97  | 105 | 103 | 108 | 104 | 104 | 104 | 104 | 104               |
| 6                        |                  | 103 | 105 | 110 | 116 | 117 | 114 | 99  | 91  | 103 | 110 | 114 | 114 | 109 | 108 | 110 | 104 | 104 | 113 | 115 | 110 | 112 | 111 | 114 | 109 | 109               |
| Q 7                      |                  | 107 | 108 | 106 | 106 | 104 | 104 | 102 | 97  | 96  | 98  | 92  | 102 | 104 | 104 | 104 | 103 | 104 | 105 | 104 | 105 | 107 | 108 | 107 | 105 | 103               |
| 8                        |                  | 104 | 104 | 105 | 107 | 102 | 101 | 102 | 96  | 96  | 98  | 108 | 113 | 115 | 106 | 99  | 103 | 99  | 102 | 108 | 103 | 98  | 99  | 100 | 98  | 103               |
| Q 9                      |                  | 99  | 99  | 102 | 106 | 106 | 102 | 98  | 94  | 97  | 102 | 106 | 104 | 102 | 97  | 96  | 102 | 100 | 100 | 102 | 102 | 104 | 104 | 102 | 98  | 101               |
| Q 10                     |                  | 98  | 99  | 102 | 104 | 102 | 96  | 94  | 97  | 100 | 106 | 112 | 122 | 114 | 104 | 106 | 108 | 108 | 112 | 115 | 118 | 118 | 108 | 114 | 114 | 107               |
| 11                       |                  | 110 | 108 | 109 | 114 | 113 | 104 | 96  | 98  | 104 | 110 | 114 | 116 | 115 | 112 | 104 | 103 | 103 | 111 | 120 | 122 | 106 | 116 | 104 | 90  | 108               |
| D 12                     |                  | 90  | 106 | 108 | 112 | 90  | 65  | 54  | 52  | 55  | 79  | 67  | 42  | 44  | 41  | 42  | 60  | 78  | 74  | 80  | 91  | 102 | 92  | 96  | 96  | 76                |
| 13                       |                  | 92  | 90  | 96  | 103 | 96  | 88  | 94  | 85  | 80  | 81  | 80  | 80  | 72  | 60  | 94  | 100 | 96  | 96  | 96  | 92  | 100 | 108 | 100 | 95  | 91                |
| 14                       |                  | 93  | 92  | 96  | 98  | 96  | 90  | 90  | 92  | 94  | 94  | 98  | 106 | 126 | 115 | 114 | 104 | 104 | 102 | 94  | 98  | 90  | 80  | 122 | 100 | 100               |
| 15                       |                  | 90  | 114 | 88  | 86  | 84  | 84  | 78  | 48  | 48  | 66  | 91  | 91  | 88  | 84  | 91  | 91  | 94  | 90  | 88  | 92  | 86  | 78  | 74  | 73  | 83                |
| 16                       |                  | 79  | 78  | 79  | 84  | 76  | 78  | 74  | 73  | 73  | 72  | 74  | 80  | 82  | 78  | 84  | 96  | 90  | 98  | 102 | 96  | 95  | 96  | 102 | 94  | 85                |
| 17                       |                  | 92  | 85  | 86  | 91  | 82  | 78  | 74  | 82  | 88  | 98  | 98  | 101 | 86  | 73  | 72  | 66  | 52  | 66  | 70  | 79  | 88  | 97  | 108 | 88  | 83                |
| 18                       |                  | 84  | 89  | 86  | 86  | 92  | 73  | 64  | 66  | 72  | 74  | 70  | 79  | 79  | 79  | 72  | 62  | 73  | 88  | 66  | 68  | 60  | 86  | 90  | 76  | 76                |
| D 19                     |                  | 68  | 54  | 54  | 66  | 52  | 37  | 38  | 22  | 46  | 56  | 54  | 50  | 48  | 32  | 32  | 54  | 55  | 50  | 56  | 74  | 68  | 70  | 72  | 70  | 53                |
| 20                       |                  | 72  | 72  | 72  | 72  | 74  | 76  | 74  | 78  | 74  | 68  | 64  | 62  | 56  | 54  | 61  | 60  | 74  | 78  | 79  | 80  | 82  | 84  | 86  | 86  | 72                |
| 21                       |                  | 79  | 80  | 78  | 79  | 80  | 80  | 81  | 82  | 78  | 75  | 78  | 79  | 75  | 73  | 72  | 68  | 61  | 56  | 64  | 68  | 74  | 78  | 80  | 79  | 75                |
| D 22                     |                  | 103 | 91  | 94  | 86  | 76  | 68  | 60  | 49  | 46  | 66  | 74  | 60  | 44  | 45  | 60  | 58  | 60  | 78  | 60  | 66  | 68  | 80  | 96  | 80  | 70                |
| 23                       |                  | 78  | 76  | 74  | 79  | 78  | 78  | 80  | 84  | 85  | 90  | 90  | 86  | 84  | 82  | 84  | 83  | 84  | 84  | 84  | 84  | 90  | 86  | 88  | 88  | 83                |
| 24                       |                  | 87  | 88  | 92  | 94  | 91  | 91  | 85  | 90  | 94  | 93  | 94  | 86  | 86  | 84  | 80  | 80  | 84  | 80  | 83  | 85  | 90  | 91  | 90  | 94  | 88                |
| Q 25                     |                  | 101 | 98  | 102 | 104 | 100 | 91  | 86  | 92  | 98  | 98  | 98  | 98  | 96  | 97  | 98  | 102 | 99  | 96  | 90  | 86  | 82  | 80  | 86  | 89  | 94                |
| 26                       |                  | 92  | 96  | 98  | 102 | 97  | 96  | 100 | 104 | 104 | 104 | 106 | 102 | 102 | 100 | 100 | 102 | 99  | 96  | 99  | 100 | 100 | 98  | 98  | 114 | 100               |
| D 27                     |                  | 116 | 102 | 104 | 92  | 94  | 96  | 100 | 108 | 123 | 70  | 0   | -12 | -6  | 7   | -40 | -42 | -6  | -5  | -17 | 24  | 1   | 19  | 7   | 60  | 41                |
| D 28                     |                  | 56  | 58  | 55  | 25  | 10  | 22  | 30  | 22  | 31  | 37  | 32  | 36  | 28  | 14  | 25  | 42  | 43  | 38  | 48  | 70  | 58  | 62  | 67  | 66  | 41                |
| 29                       |                  | 66  | 70  | 72  | 74  | 77  | 73  | 76  | 78  | 80  | 82  | 84  | 85  | 62  | 56  | 61  | 66  | 64  | 70  | 72  | 72  | 75  | 78  | 84  | 80  | 73                |
| 30                       |                  | 81  | 82  | 86  | 85  | 86  | 80  | 78  | 73  | 82  | 86  | 88  | 88  | 90  | 85  | 78  | 74  | 66  | 88  | 76  | 78  | 78  | 84  | 84  | 80  | 82                |
| 31                       |                  | 78  | 79  | 78  | 82  | 83  | 80  | 74  | 69  | 68  | 77  | 78  | 80  | 88  | 88  | 88  | 90  | 92  | 96  | 96  | 97  | 98  | 96  | 92  | 96  | 85                |
| Среднее по<br>всем дням  |                  | 91  | 92  | 93  | 93  | 89  | 84  | 81  | 78  | 81  | 84  | 84  | 85  | 84  | 80  | 80  | 82  | 83  | 86  | 86  | 89  | 89  | 90  | 93  | 92  | 86                |
| Среднее по<br>сп. дням   |                  | 101 | 101 | 103 | 105 | 102 | 96  | 91  | 91  | 94  | 98  | 100 | 106 | 104 | 101 | 101 | 104 | 103 | 104 | 104 | 103 | 103 | 102 | 103 | 102 | 101               |
| Среднее по<br>возм. дням |                  | 87  | 82  | 83  | 76  | 64  | 58  | 56  | 51  | 60  | 62  | 45  | 35  | 32  | 28  | 24  | 34  | 46  | 47  | 45  | 65  | 59  | 65  | 68  | 74  | 56                |

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

Обработал Збремидзе М.А.

Проверил Бетситашвили Т.А.

Ведомство Институт Геофизики АН УзССР  
Обсерватория Жбикиси (Душети) Широта 42°05' Долгота 44°42'  
Месяц Октябрь Год 1977

Среднемесячн. 7 = 42.062°

Элемент Вертикальная составляющая

7 = 41970° + \_\_\_\_\_ = \_\_\_\_\_ °

| Время<br>мировое        | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9  | 10 | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 19  | 20  | 21  | 22  | 23  | 24  | Средн.<br>суточн. |
|-------------------------|-----|-----|-----|-----|-----|-----|-----|-----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------------------|
| Дни                     |     |     |     |     |     |     |     |     |    |    |     |     |     |     |     |     |     |     |     |     |     |     |     |                   |
| Q 1                     | 90  | 90  | 89  | 92  | 96  | 95  | 89  | 78  | 66 | 63 | 66  | 75  | 83  | 88  | 88  | 89  | 90  | 90  | 90  | 90  | 89  | 89  | 89  | 86                |
| 2                       | 88  | 87  | 87  | 89  | 94  | 97  | 93  | 84  | 75 | 71 | 74  | 81  | 87  | 90  | 89  | 89  | 90  | 90  | 90  | 90  | 91  | 89  | 89  | 87                |
| 3                       | 89  | 88  | 88  | 93  | 98  | 98  | 96  | 89  | 80 | 78 | 79  | 84  | 90  | 91  | 90  | 91  | 92  | 93  | 94  | 93  | 92  | 92  | 91  | 90                |
| 4                       | 90  | 90  | 90  | 93  | 97  | 97  | 92  | 85  | 79 | 80 | 81  | 88  | 92  | 92  | 89  | 90  | 91  | 91  | 90  | 90  | 90  | 90  | 89  | 89                |
| 5                       | 89  | 88  | 88  | 91  | 93  | 93  | 88  | 82  | 76 | 74 | 71  | 77  | 84  | 83  | 86  | 88  | 89  | 89  | 90  | 89  | 89  | 88  | 88  | 86                |
| 6                       | 89  | 88  | 88  | 89  | 92  | 92  | 86  | 80  | 76 | 75 | 75  | 76  | 79  | 82  | 84  | 87  | 88  | 87  | 87  | 88  | 88  | 87  | 87  | 85                |
| Q 7                     | 87  | 86  | 87  | 87  | 89  | 89  | 82  | 80  | 75 | 71 | 72  | 74  | 79  | 85  | 87  | 88  | 88  | 87  | 88  | 87  | 87  | 87  | 87  | 84                |
| 8                       | 87  | 87  | 87  | 90  | 94  | 92  | 75  | 64  | 61 | 60 | 61  | 69  | 77  | 84  | 84  | 86  | 87  | 88  | 88  | 89  | 89  | 89  | 89  | 82                |
| Q 9                     | 88  | 88  | 88  | 90  | 92  | 94  | 89  | 82  | 81 | 81 | 82  | 88  | 90  | 88  | 88  | 88  | 89  | 88  | 88  | 88  | 88  | 88  | 88  | 88                |
| Q 10                    | 88  | 88  | 88  | 91  | 93  | 92  | 87  | 82  | 79 | 76 | 79  | 81  | 81  | 82  | 84  | 86  | 86  | 86  | 87  | 86  | 86  | 86  | 86  | 85                |
| 11                      | 86  | 86  | 86  | 88  | 91  | 89  | 80  | 72  | 74 | 76 | 78  | 81  | 84  | 83  | 84  | 86  | 87  | 87  | 87  | 86  | 86  | 86  | 87  | 84                |
| D 12                    | 88  | 87  | 86  | 88  | 95  | 97  | 90  | 87  | 83 | 83 | 88  | 96  | 98  | 98  | 100 | 100 | 97  | 98  | 96  | 94  | 93  | 93  | 92  | 91                |
| 13                      | 91  | 90  | 90  | 90  | 92  | 91  | 84  | 76  | 69 | 68 | 76  | 83  | 90  | 95  | 91  | 91  | 92  | 92  | 92  | 92  | 89  | 89  | 88  | 87                |
| 14                      | 89  | 90  | 89  | 92  | 96  | 96  | 85  | 73  | 70 | 74 | 82  | 88  | 87  | 86  | 86  | 89  | 89  | 90  | 92  | 92  | 93  | 94  | 87  | 87                |
| 15                      | 90  | 86  | 89  | 92  | 96  | 94  | 89  | 86  | 86 | 88 | 89  | 94  | 94  | 93  | 90  | 92  | 93  | 94  | 94  | 92  | 92  | 93  | 94  | 91                |
| 16                      | 93  | 92  | 93  | 96  | 102 | 104 | 105 | 100 | 94 | 95 | 95  | 95  | 96  | 94  | 94  | 94  | 96  | 94  | 94  | 94  | 92  | 93  | 91  | 91                |
| 17                      | 91  | 91  | 91  | 94  | 100 | 100 | 96  | 89  | 82 | 77 | 81  | 88  | 92  | 92  | 94  | 97  | 101 | 100 | 100 | 98  | 96  | 94  | 91  | 92                |
| 18                      | 93  | 92  | 93  | 93  | 93  | 93  | 91  | 89  | 88 | 87 | 89  | 90  | 91  | 94  | 96  | 99  | 98  | 96  | 100 | 97  | 97  | 90  | 87  | 87                |
| D 19                    | 88  | 90  | 90  | 90  | 94  | 96  | 92  | 88  | 87 | 90 | 96  | 99  | 101 | 106 | 108 | 104 | 102 | 103 | 102 | 99  | 100 | 99  | 99  | 100               |
| 20                      | 99  | 99  | 99  | 98  | 98  | 97  | 94  | 90  | 87 | 86 | 89  | 94  | 97  | 100 | 101 | 102 | 100 | 99  | 98  | 98  | 98  | 96  | 96  | 96                |
| 21                      | 96  | 96  | 96  | 97  | 98  | 92  | 86  | 86  | 88 | 91 | 94  | 96  | 98  | 98  | 98  | 98  | 100 | 100 | 100 | 99  | 98  | 97  | 97  | 96                |
| D 22                    | 94  | 94  | 94  | 97  | 102 | 100 | 96  | 94  | 92 | 90 | 94  | 100 | 104 | 102 | 100 | 103 | 103 | 100 | 102 | 101 | 101 | 100 | 96  | 97                |
| 23                      | 98  | 98  | 99  | 99  | 102 | 102 | 99  | 96  | 94 | 93 | 93  | 94  | 94  | 96  | 96  | 98  | 97  | 98  | 98  | 98  | 96  | 97  | 96  | 96                |
| 24                      | 96  | 96  | 96  | 98  | 102 | 102 | 98  | 91  | 88 | 88 | 91  | 95  | 97  | 98  | 98  | 99  | 98  | 98  | 98  | 98  | 97  | 96  | 96  | 95                |
| Q 25                    | 94  | 94  | 94  | 95  | 98  | 98  | 92  | 88  | 84 | 84 | 86  | 90  | 93  | 94  | 94  | 94  | 94  | 95  | 97  | 98  | 97  | 97  | 96  | 96                |
| 26                      | 95  | 94  | 94  | 95  | 98  | 98  | 93  | 88  | 83 | 84 | 88  | 90  | 93  | 92  | 93  | 94  | 94  | 95  | 95  | 94  | 94  | 93  | 94  | 91                |
| D 27                    | 89  | 90  | 89  | 93  | 96  | 94  | 88  | 82  | 75 | 86 | 102 | 92  | 94  | 92  | 125 | 129 | 125 | 126 | 127 | 116 | 113 | 112 | 110 | 101               |
| D 28                    | 99  | 96  | 95  | 97  | 96  | 92  | 94  | 96  | 93 | 95 | 99  | 101 | 106 | 112 | 112 | 110 | 110 | 112 | 111 | 106 | 105 | 105 | 104 | 104               |
| 29                      | 104 | 102 | 102 | 102 | 106 | 108 | 103 | 99  | 92 | 94 | 100 | 104 | 107 | 106 | 104 | 104 | 110 | 112 | 104 | 103 | 102 | 102 | 100 | 100               |
| 30                      | 100 | 99  | 99  | 101 | 103 | 102 | 98  | 89  | 78 | 79 | 86  | 92  | 96  | 97  | 99  | 100 | 106 | 105 | 103 | 102 | 102 | 100 | 99  | 99                |
| 31                      | 99  | 99  | 99  | 101 | 104 | 102 | 99  | 93  | 87 | 80 | 83  | 88  | 92  | 96  | 98  | 98  | 102 | 100 | 98  | 98  | 97  | 98  | 97  | 96                |
| Среднее по<br>всем дням | 92  | 92  | 92  | 94  | 97  | 96  | 91  | 86  | 81 | 81 | 84  | 88  | 92  | 93  | 95  | 96  | 98  | 98  | 96  | 95  | 95  | 94  | 93  | 93                |
| Ср. по сп.<br>дням.     | 89  | 89  | 89  | 91  | 94  | 94  | 88  | 82  | 77 | 75 | 77  | 82  | 85  | 87  | 88  | 89  | 96  | 96  | 90  | 90  | 90  | 90  | 89  | 89                |
| Ср. по<br>вс. дням.     | 92  | 91  | 91  | 93  | 97  | 96  | 92  | 89  | 86 | 89 | 96  | 98  | 101 | 102 | 109 | 109 | 89  | 89  | 108 | 103 | 102 | 102 | 100 | 99                |

Ведомство Инст. Геофизики АН Груз. ССР  
Обсерватория Тбилиси (Душети) Широта 42°05' Долгота 44°42'

Среднемесячн. Δ = 4°56'.0

Месяц Ноябрь Год 1977

Элемент Склонение

Δ = 4°42'.0+ =                      =                     

| ни                         | Время<br>мировое |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | Средн.<br>суточн. |      |
|----------------------------|------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------------------|------|
|                            | 1                | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 19   | 20   | 21   | 22   | 23   | 24   |                   |      |
| 1                          | 14.1             | 13.9 | 13.7 | 13.9 | 15.0 | 16.7 | 16.5 | 15.2 | 12.6 | 10.9 | 10.5 | 10.9 | 11.7 | 12.6 | 13.2 | 13.7 | 13.5 | 13.7 | 13.9 | 14.1 | 14.3 | 14.3 | 14.5 | 14.3              | 13.7 |
| 2                          | 14.3             | 13.7 | 13.9 | 13.7 | 14.5 | 15.6 | 15.6 | 13.9 | 11.7 | 10.5 | 10.5 | 11.3 | 12.6 | 13.0 | 13.2 | 13.5 | 13.7 | 14.3 | 14.3 | 14.5 | 14.5 | 14.3 | 14.3 | 14.3              | 13.6 |
| 3                          | 14.1             | 14.0 | 14.1 | 14.3 | 15.0 | 15.6 | 15.8 | 15.2 | 13.7 | 12.2 | 11.6 | 12.0 | 12.7 | 13.0 | 13.0 | 13.0 | 13.2 | 13.8 | 14.3 | 14.1 | 13.9 | 13.9 | 13.9 | 13.9              | 13.8 |
| 4                          | 13.9             | 14.3 | 13.9 | 14.3 | 15.4 | 16.2 | 15.8 | 14.7 | 13.0 | 12.0 | 11.7 | 12.0 | 12.4 | 13.0 | 13.0 | 12.8 | 16.5 | 16.0 | 17.3 | 16.9 | 16.9 | 16.2 | 15.4 | 14.7              | 14.5 |
| 5                          | 14.7             | 12.6 | 13.9 | 13.5 | 14.5 | 15.2 | 15.2 | 14.3 | 13.7 | 13.0 | 13.2 | 12.8 | 13.5 | 13.5 | 13.7 | 14.3 | 14.3 | 13.9 | 13.9 | 15.2 | 14.7 | 14.7 | 14.3 | 13.9              | 14.0 |
| 6                          | 14.3             | 13.9 | 13.9 | 14.3 | 15.2 | 15.8 | 15.6 | 14.5 | 13.0 | 11.7 | 12.2 | 12.8 | 13.6 | 14.1 | 13.7 | 14.7 | 14.3 | 14.3 | 14.3 | 14.3 | 14.3 | 14.7 | 14.3 | 13.9              | 14.1 |
| 7                          | 13.7             | 13.7 | 13.5 | 13.9 | 14.3 | 15.0 | 14.7 | 14.1 | 13.0 | 12.2 | 12.0 | 12.2 | 12.6 | 12.6 | 13.0 | 13.5 | 13.9 | 14.3 | 14.7 | 14.3 | 14.3 | 13.9 | 13.9 | 14.1              | 13.6 |
| Q 8                        | 13.9             | 13.5 | 13.5 | 13.7 | 14.3 | 15.0 | 14.3 | 13.7 | 12.6 | 11.5 | 11.7 | 12.2 | 12.6 | 13.1 | 13.0 | 13.2 | 13.5 | 13.9 | 14.1 | 14.7 | 14.1 | 13.9 | 13.9 | 13.7              | 13.5 |
| Q 9                        | 13.5             | 13.5 | 13.5 | 13.9 | 14.7 | 15.4 | 14.5 | 13.5 | 12.2 | 11.3 | 11.7 | 12.8 | 13.5 | 13.1 | 13.5 | 13.5 | 13.9 | 14.3 | 15.2 | 14.4 | 14.3 | 13.9 | 13.7 | 13.2              | 13.6 |
| 10                         | 13.2             | 13.5 | 13.7 | 13.9 | 14.3 | 15.2 | 14.7 | 13.5 | 12.6 | 11.4 | 11.1 | 11.7 | 12.6 | 12.6 | 12.6 | 13.0 | 13.7 | 13.9 | 14.3 | 15.0 | 15.2 | 15.6 | 15.2 | 14.5              | 13.6 |
| 11                         | 13.9             | 13.9 | 13.9 | 14.1 | 15.0 | 15.6 | 15.2 | 14.1 | 13.2 | 12.1 | 11.7 | 12.1 | 12.6 | 13.0 | 13.0 | 13.0 | 13.5 | 13.9 | 14.1 | 14.3 | 14.4 | 14.3 | 14.1 | 14.3              | 13.7 |
| D 12                       | 13.9             | 14.7 | 13.9 | 15.1 | 14.1 | 15.1 | 14.7 | 12.8 | 12.0 | 11.1 | 11.5 | 12.6 | 14.2 | 13.5 | 13.9 | 14.3 | 15.9 | 15.6 | 16.5 | 16.9 | 15.6 | 14.7 | 14.7 | 13.9              | 14.2 |
| D 13                       | 12.2             | 13.7 | 13.2 | 12.2 | 13.0 | 13.9 | 14.3 | 14.1 | 13.5 | 14.4 | 14.3 | 13.7 | 13.7 | 15.2 | 16.5 | 20.5 | 18.2 | 17.3 | 17.3 | 17.1 | 16.0 | 15.8 | 14.7 | 13.5              | 14.9 |
| D 14                       | 12.0             | 12.4 | 11.3 | 11.3 | 12.6 | 14.1 | 14.3 | 14.2 | 13.5 | 13.9 | 13.9 | 15.8 | 15.6 | 17.1 | 21.4 | 17.5 | 16.5 | 21.0 | 17.1 | 19.2 | 19.0 | 19.2 | 15.2 | 13.9              | 15.5 |
| D 15                       | 12.8             | 14.7 | 14.5 | 14.5 | 14.7 | 15.4 | 14.7 | 14.1 | 13.7 | 13.0 | 16.2 | 16.9 | 15.6 | 15.8 | 18.2 | 16.5 | 16.7 | 15.6 | 16.9 | 15.6 | 15.6 | 15.6 | 15.0 | 14.7              | 15.3 |
| 16                         | 12.8             | 14.7 | 14.1 | 14.3 | 14.4 | 14.7 | 14.7 | 13.2 | 12.6 | 13.0 | 13.7 | 15.6 | 16.5 | 17.5 | 15.6 | 14.3 | 14.7 | 14.3 | 14.3 | 15.4 | 16.5 | 15.6 | 15.6 | 15.2              | 14.7 |
| 17                         | 14.7             | 14.3 | 14.3 | 14.5 | 14.1 | 13.9 | 13.7 | 13.5 | 12.6 | 12.2 | 13.5 | 13.8 | 13.9 | 13.9 | 13.9 | 14.1 | 14.1 | 14.3 | 14.3 | 14.3 | 14.3 | 14.5 | 15.2 | 15.2              | 14.0 |
| 18                         | 14.7             | 14.3 | 14.5 | 15.0 | 15.2 | 15.4 | 14.7 | 13.8 | 12.8 | 12.6 | 12.8 | 13.0 | 14.3 | 13.9 | 14.7 | 15.2 | 15.2 | 15.8 | 15.6 | 16.0 | 15.6 | 15.6 | 15.0 | 14.3              | 14.6 |
| 19                         | 13.9             | 13.7 | 13.7 | 13.9 | 14.3 | 14.7 | 14.7 | 13.7 | 12.2 | 12.4 | 12.6 | 13.2 | 13.5 | 13.5 | 13.9 | 14.1 | 14.3 | 14.3 | 15.0 | 14.3 | 15.0 | 15.6 | 15.2 | 15.0              | 14.0 |
| 20                         | 14.4             | 13.9 | 13.7 | 13.7 | 14.3 | 14.7 | 14.3 | 13.0 | 12.4 | 11.7 | 11.7 | 12.4 | 13.0 | 13.0 | 13.5 | 13.9 | 14.1 | 14.3 | 14.3 | 14.3 | 14.3 | 14.7 | 14.1 | 13.5              | 13.6 |
| 21                         | 12.2             | 12.8 | 13.7 | 13.7 | 14.3 | 13.9 | 13.8 | 13.5 | 13.0 | 12.6 | 12.2 | 12.6 | 13.0 | 13.2 | 13.5 | 13.5 | 13.9 | 13.9 | 14.3 | 14.5 | 14.3 | 14.3 | 13.7 | 13.2              | 13.5 |
| Q 22                       | 13.0             | 12.9 | 13.0 | 13.0 | 13.5 | 13.9 | 13.7 | 11.7 | 10.9 | 10.9 | 10.0 | 12.0 | 12.6 | 13.0 | 13.5 | 13.9 | 13.9 | 13.9 | 14.3 | 14.3 | 14.2 | 13.9 | 13.7 | 13.5              | 13.0 |
| Q 23                       | 13.2             | 13.0 | 13.0 | 13.5 | 14.3 | 15.4 | 15.2 | 13.9 | 12.6 | 11.7 | 11.3 | 12.0 | 12.6 | 13.0 | 13.5 | 13.5 | 13.5 | 13.7 | 13.9 | 13.9 | 13.9 | 13.7 | 13.7 | 13.5              | 13.4 |
| Q 24                       | 13.0             | 12.8 | 13.0 | 13.5 | 14.3 | 15.2 | 13.9 | 12.8 | 11.7 | 11.5 | 12.2 | 12.7 | 13.2 | 13.2 | 13.2 | 13.7 | 13.9 | 14.0 | 14.0 | 14.1 | 14.1 | 14.0 | 13.9 | 13.7              | 13.4 |
| 25                         | 13.5             | 13.5 | 13.4 | 13.5 | 13.7 | 13.9 | 13.7 | 12.6 | 12.4 | 12.2 | 11.7 | 12.2 | 11.5 | 10.0 | 10.0 | 10.7 | 11.7 | 12.0 | 13.7 | 19.5 | 20.3 | 22.0 | 22.0 | 19.9              | 14.2 |
| D 26                       | 18.4             | 15.2 | 12.4 | 13.0 | 13.2 | 14.1 | 15.2 | 14.7 | 14.5 | 14.6 | 15.2 | 16.2 | 15.6 | 14.5 | 14.3 | 14.7 | 15.2 | 14.7 | 13.9 | 13.9 | 13.9 | 13.5 | 13.2 | 13.0              | 14.5 |
| 27                         | 10.9             | 13.2 | 13.5 | 13.5 | 13.5 | 13.2 | 13.5 | 13.2 | 13.0 | 13.0 | 13.4 | 13.9 | 13.9 | 14.1 | 14.1 | 14.3 | 14.3 | 14.7 | 15.3 | 15.2 | 15.2 | 15.2 | 14.7 | 14.7              | 13.9 |
| 28                         | 14.1             | 13.7 | 13.9 | 13.9 | 13.7 | 14.1 | 14.3 | 13.9 | 13.0 | 13.0 | 12.7 | 13.0 | 13.2 | 13.5 | 14.1 | 13.9 | 13.9 | 14.1 | 14.3 | 14.5 | 14.3 | 14.2 | 14.4 | 14.3              | 13.8 |
| 29                         | 13.9             | 13.9 | 13.9 | 14.3 | 14.5 | 14.3 | 14.3 | 13.6 | 12.8 | 12.2 | 12.6 | 13.0 | 13.2 | 13.7 | 13.9 | 14.1 | 13.9 | 13.9 | 14.1 | 15.0 | 16.2 | 16.9 | 16.2 | 15.3              | 14.2 |
| 30                         | 14.3             | 14.3 | 14.3 | 13.7 | 12.8 | 12.6 | 14.1 | 14.3 | 12.8 | 12.2 | 12.2 | 12.8 | 13.5 | 13.9 | 14.3 | 14.1 | 14.3 | 14.8 | 15.2 | 14.8 | 15.5 | 14.8 | 14.7 | 14.3              | 13.9 |
| 31                         |                  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                   |      |
| Среднее по<br>всем дням    | 13.7             | 13.7 | 13.6 | 13.8 | 14.2 | 14.8 | 14.7 | 13.8 | 12.8 | 12.2 | 12.4 | 13.0 | 13.4 | 13.6 | 14.0 | 14.2 | 14.4 | 14.6 | 14.8 | 15.2 | 15.2 | 15.1 | 14.7 | 14.3              | 14.0 |
| Среднее по<br>сп. дням     | 13.3             | 13.1 | 13.2 | 13.5 | 14.2 | 15.0 | 14.3 | 13.1 | 12.0 | 11.4 | 11.4 | 12.3 | 12.9 | 13.1 | 13.3 | 13.6 | 13.7 | 14.0 | 14.3 | 14.3 | 14.1 | 13.9 | 13.8 | 13.5              | 13.4 |
| Среднее по<br>возмущ. дням | 13.9             | 14.1 | 13.1 | 13.2 | 13.5 | 14.5 | 14.6 | 14.0 | 13.4 | 13.4 | 14.2 | 15.0 | 14.9 | 15.2 | 16.9 | 16.7 | 16.5 | 16.8 | 16.3 | 16.5 | 16.0 | 15.8 | 14.6 | 13.8              | 14.9 |

Ведомство Институт Геофизики АН Груз. ССР  
Обсерватория Ждбиниси (Думети) Широта 42°05' Долгота 44°42'

Среднемесячн. H = 24191<sup>h</sup>

Элемент Горизонтальная составляющая

Месяц Ноябрь Год 1977

H = 24100<sup>h</sup> + \_\_\_\_\_ = \_\_\_\_\_

| Время<br>мировое<br>ЧНН    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | Средн.<br>суточн. |
|----------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------------------|
|                            | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 19  | 20  | 21  | 22  | 23  | 24  |     |                   |
| 1                          | 92  | 92  | 96  | 98  | 100 | 96  | 91  | 83  | 84  | 86  | 92  | 92  | 93  | 92  | 92  | 96  | 97  | 98  | 94  | 93  | 92  | 98  | 98  | 94  | 93                |
| 2                          | 96  | 96  | 96  | 103 | 104 | 96  | 92  | 96  | 94  | 98  | 99  | 97  | 96  | 94  | 94  | 96  | 92  | 92  | 88  | 92  | 97  | 97  | 94  | 96  | 96                |
| 3                          | 95  | 95  | 94  | 98  | 98  | 91  | 85  | 80  | 84  | 90  | 98  | 102 | 101 | 100 | 99  | 98  | 98  | 96  | 96  | 97  | 97  | 97  | 96  | 96  | 95                |
| 4                          | 94  | 96  | 98  | 99  | 94  | 86  | 84  | 84  | 84  | 90  | 98  | 103 | 102 | 98  | 103 | 92  | 84  | 70  | 62  | 67  | 73  | 74  | 84  | 84  | 88                |
| 5                          | 84  | 90  | 103 | 100 | 96  | 86  | 80  | 74  | 68  | 72  | 73  | 75  | 79  | 84  | 82  | 80  | 74  | 88  | 90  | 91  | 90  | 91  | 90  | 94  | 85                |
| 6                          | 96  | 94  | 94  | 98  | 98  | 92  | 86  | 82  | 85  | 92  | 84  | 78  | 78  | 67  | 72  | 68  | 78  | 86  | 90  | 92  | 94  | 96  | 96  | 96  | 87                |
| 7                          | 95  | 91  | 92  | 98  | 97  | 96  | 91  | 89  | 85  | 80  | 80  | 76  | 73  | 76  | 85  | 91  | 90  | 86  | 90  | 92  | 92  | 94  | 98  | 94  | 89                |
| Q 8                        | 96  | 98  | 102 | 102 | 100 | 94  | 87  | 82  | 83  | 88  | 86  | 86  | 90  | 92  | 92  | 92  | 91  | 92  | 94  | 103 | 102 | 101 | 100 | 98  | 94                |
| Q 9                        | 102 | 103 | 106 | 106 | 107 | 104 | 103 | 102 | 102 | 108 | 108 | 106 | 104 | 98  | 92  | 90  | 90  | 88  | 94  | 98  | 100 | 99  | 100 | 102 | 100               |
| 10                         | 102 | 102 | 104 | 106 | 108 | 104 | 102 | 94  | 90  | 96  | 96  | 98  | 102 | 98  | 78  | 61  | 91  | 104 | 98  | 97  | 91  | 92  | 92  | 103 | 96                |
| 11                         | 101 | 92  | 94  | 102 | 104 | 102 | 98  | 97  | 98  | 92  | 102 | 103 | 98  | 105 | 104 | 102 | 102 | 103 | 100 | 100 | 102 | 102 | 104 | 102 | 100               |
| D 12                       | 102 | 92  | 103 | 108 | 109 | 109 | 114 | 102 | 90  | 94  | 86  | 80  | 85  | 84  | 70  | 64  | 74  | 92  | 84  | 83  | 89  | 90  | 89  | 88  | 91                |
| D 13                       | 104 | 96  | 91  | 97  | 120 | 115 | 112 | 104 | 91  | 68  | 44  | 50  | 40  | 32  | 30  | 44  | 46  | 56  | 70  | 67  | 80  | 84  | 80  | 88  | 77                |
| D 14                       | 112 | 102 | 90  | 90  | 96  | 97  | 111 | 79  | 64  | 42  | 50  | 42  | 44  | 26  | 18  | 34  | 38  | 80  | 68  | 58  | 62  | 74  | 67  | 91  | 68                |
| D 15                       | 102 | 65  | 65  | 73  | 72  | 61  | 74  | 82  | 85  | 84  | 50  | 64  | 62  | 55  | 50  | 66  | 67  | 84  | 72  | 72  | 74  | 78  | 82  | 92  | 72                |
| 16                         | 88  | 78  | 79  | 80  | 85  | 85  | 84  | 86  | 84  | 80  | 66  | 61  | 61  | 67  | 76  | 74  | 74  | 90  | 98  | 94  | 84  | 83  | 84  | 84  | 80                |
| 17                         | 80  | 80  | 83  | 80  | 84  | 86  | 94  | 92  | 96  | 95  | 86  | 96  | 92  | 90  | 90  | 88  | 88  | 91  | 91  | 90  | 90  | 98  | 102 | 86  | 90                |
| 18                         | 85  | 86  | 90  | 89  | 86  | 90  | 88  | 84  | 84  | 79  | 84  | 82  | 80  | 82  | 76  | 76  | 74  | 78  | 78  | 79  | 80  | 84  | 84  | 86  | 83                |
| 19                         | 86  | 90  | 92  | 96  | 98  | 96  | 96  | 91  | 88  | 92  | 90  | 86  | 90  | 90  | 90  | 91  | 86  | 92  | 88  | 96  | 104 | 94  | 88  | 90  | 92                |
| 20                         | 86  | 90  | 92  | 97  | 98  | 100 | 98  | 96  | 94  | 98  | 103 | 103 | 98  | 97  | 98  | 100 | 102 | 102 | 101 | 97  | 92  | 96  | 92  | 92  | 97                |
| 21                         | 98  | 103 | 102 | 108 | 110 | 108 | 106 | 104 | 102 | 104 | 106 | 106 | 106 | 103 | 102 | 100 | 100 | 102 | 98  | 98  | 96  | 96  | 94  | 95  | 102               |
| Q 22                       | 96  | 97  | 103 | 107 | 108 | 108 | 102 | 100 | 98  | 104 | 109 | 109 | 108 | 104 | 102 | 102 | 102 | 100 | 98  | 102 | 101 | 102 | 102 | 99  | 103               |
| Q 23                       | 100 | 102 | 102 | 108 | 103 | 102 | 104 | 102 | 98  | 103 | 105 | 108 | 110 | 109 | 106 | 107 | 107 | 106 | 104 | 106 | 103 | 101 | 102 | 98  | 104               |
| Q 24                       | 98  | 102 | 104 | 108 | 104 | 102 | 100 | 98  | 97  | 100 | 104 | 108 | 109 | 108 | 106 | 104 | 100 | 98  | 102 | 102 | 100 | 102 | 103 | 103 | 103               |
| 25                         | 103 | 102 | 102 | 106 | 110 | 110 | 106 | 103 | 98  | 98  | 104 | 104 | 120 | 126 | 126 | 127 | 121 | 110 | 79  | 56  | 43  | 36  | 32  | 52  | 95                |
| D 26                       | 64  | 49  | 55  | 64  | 67  | 73  | 79  | 79  | 74  | 74  | 68  | 56  | 59  | 72  | 74  | 66  | 68  | 90  | 94  | 97  | 97  | 99  | 103 | 96  | 76                |
| 27                         | 79  | 91  | 90  | 97  | 94  | 94  | 92  | 95  | 91  | 92  | 88  | 80  | 79  | 80  | 80  | 80  | 80  | 80  | 86  | 85  | 84  | 85  | 84  | 86  | 86                |
| 28                         | 88  | 91  | 94  | 97  | 96  | 96  | 100 | 95  | 90  | 93  | 100 | 104 | 105 | 99  | 94  | 94  | 96  | 96  | 94  | 96  | 96  | 96  | 96  | 94  | 96                |
| 29                         | 90  | 90  | 97  | 102 | 102 | 100 | 102 | 102 | 98  | 94  | 97  | 96  | 96  | 94  | 90  | 90  | 90  | 95  | 91  | 90  | 93  | 86  | 84  | 85  | 94                |
| 30                         | 92  | 97  | 104 | 109 | 121 | 128 | 114 | 98  | 110 | 108 | 104 | 97  | 92  | 90  | 88  | 79  | 79  | 80  | 86  | 90  | 91  | 103 | 94  | 93  | 98                |
| 31                         |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                   |
| Среднее по<br>всем дням    | 94  | 92  | 94  | 98  | 99  | 97  | 96  | 92  | 90  | 90  | 89  | 88  | 88  | 87  | 85  | 86  | 86  | 91  | 89  | 89  | 90  | 91  | 90  | 92  | 91                |
| Среднее по<br>сп. дням     | 98  | 100 | 103 | 106 | 104 | 102 | 99  | 97  | 96  | 101 | 102 | 103 | 104 | 102 | 100 | 99  | 98  | 97  | 98  | 102 | 101 | 101 | 101 | 100 | 101               |
| Среднее по<br>возмущ. дням | 97  | 81  | 81  | 86  | 93  | 91  | 98  | 89  | 81  | 72  | 60  | 58  | 58  | 54  | 48  | 61  | 59  | 80  | 78  | 75  | 80  | 85  | 84  | 91  | 77                |

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

Обработал Збрелидзе М.А.

Проверил Бенситавилиш Ж.А.

Ведомство Институт Геофизики АН Груз. С. С. Р.  
Обсерватория Жульен (Думети) Широта 42° 05' Долгота 44° 42'

Среднемесячн. Z = 42064<sup>8</sup>

Месяц Ноябрь Год 1977

Элемент Вертикальная составляющая

Z = 41970<sup>8</sup> + \_\_\_\_\_ = \_\_\_\_\_<sub>0</sub> = \_\_\_\_\_

| Время<br>мировое<br>[ни]   | 7  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | Средн.<br>суточн. |
|----------------------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------------------|
|                            | 1  | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 19  | 20  | 21  | 22  | 23  | 24  |     |                   |
| 1                          | 95 | 96  | 96  | 95  | 98  | 98  | 93  | 85  | 75  | 73  | 79  | 85  | 90  | 94  | 93  | 94  | 94  | 95  | 95  | 95  | 95  | 94  | 94  | 92  |                   |
| 2                          | 93 | 93  | 93  | 93  | 95  | 95  | 89  | 83  | 78  | 77  | 82  | 89  | 92  | 93  | 94  | 95  | 95  | 95  | 96  | 97  | 96  | 95  | 94  | 92  |                   |
| 3                          | 94 | 94  | 94  | 95  | 97  | 97  | 94  | 89  | 81  | 78  | 81  | 87  | 89  | 90  | 92  | 93  | 93  | 94  | 95  | 94  | 94  | 93  | 93  | 91  |                   |
| 4                          | 93 | 93  | 93  | 93  | 93  | 89  | 81  | 78  | 77  | 79  | 81  | 85  | 89  | 91  | 91  | 93  | 95  | 97  | 99  | 98  | 97  | 97  | 95  | 91  |                   |
| 5                          | 95 | 95  | 92  | 95  | 97  | 95  | 94  | 91  | 91  | 93  | 95  | 97  | 97  | 96  | 97  | 97  | 98  | 97  | 97  | 97  | 96  | 96  | 95  | 95  |                   |
| 6                          | 95 | 95  | 95  | 96  | 99  | 99  | 99  | 97  | 93  | 93  | 96  | 99  | 98  | 97  | 98  | 99  | 99  | 98  | 97  | 96  | 96  | 95  | 95  | 97  |                   |
| 7                          | 95 | 95  | 95  | 95  | 93  | 89  | 87  | 86  | 86  | 86  | 89  | 93  | 95  | 95  | 95  | 95  | 96  | 96  | 95  | 95  | 95  | 94  | 93  | 93  |                   |
| Q 8                        | 94 | 93  | 93  | 94  | 95  | 93  | 90  | 89  | 87  | 87  | 88  | 93  | 95  | 94  | 94  | 95  | 95  | 96  | 95  | 93  | 93  | 93  | 93  | 93  |                   |
| Q 9                        | 93 | 92  | 92  | 93  | 95  | 92  | 90  | 87  | 89  | 90  | 93  | 93  | 93  | 92  | 92  | 93  | 93  | 95  | 94  | 94  | 93  | 92  | 92  | 92  |                   |
| 10                         | 92 | 92  | 92  | 91  | 93  | 93  | 90  | 89  | 86  | 85  | 89  | 93  | 94  | 94  | 97  | 99  | 96  | 95  | 97  | 97  | 96  | 95  | 95  | 93  |                   |
| 11                         | 93 | 93  | 93  | 92  | 92  | 92  | 88  | 85  | 86  | 85  | 88  | 92  | 93  | 90  | 92  | 93  | 93  | 93  | 94  | 93  | 93  | 92  | 91  | 91  |                   |
| D 12                       | 91 | 91  | 91  | 89  | 89  | 84  | 75  | 76  | 82  | 81  | 86  | 93  | 95  | 95  | 97  | 98  | 97  | 95  | 97  | 96  | 95  | 94  | 94  | 91  |                   |
| D 13                       | 93 | 91  | 93  | 92  | 89  | 87  | 83  | 82  | 85  | 87  | 93  | 97  | 102 | 105 | 106 | 100 | 104 | 103 | 101 | 101 | 98  | 96  | 97  | 95  |                   |
| D 14                       | 91 | 91  | 94  | 93  | 93  | 91  | 88  | 87  | 87  | 93  | 99  | 103 | 105 | 107 | 109 | 110 | 109 | 103 | 102 | 103 | 101 | 99  | 99  | 98  |                   |
| D 15                       | 89 | 95  | 97  | 99  | 103 | 104 | 103 | 104 | 103 | 101 | 105 | 107 | 104 | 105 | 105 | 103 | 103 | 101 | 101 | 102 | 101 | 100 | 99  | 101 |                   |
| 16                         | 97 | 97  | 98  | 98  | 98  | 97  | 91  | 89  | 89  | 92  | 99  | 101 | 103 | 103 | 101 | 101 | 101 | 100 | 98  | 98  | 98  | 98  | 97  | 98  |                   |
| 17                         | 97 | 98  | 98  | 98  | 97  | 97  | 94  | 92  | 93  | 95  | 99  | 99  | 99  | 98  | 98  | 99  | 99  | 98  | 98  | 97  | 97  | 96  | 95  | 96  |                   |
| 18                         | 97 | 97  | 97  | 97  | 95  | 92  | 89  | 90  | 92  | 95  | 95  | 97  | 98  | 98  | 99  | 99  | 100 | 100 | 100 | 100 | 99  | 99  | 98  | 97  |                   |
| 19                         | 97 | 97  | 97  | 97  | 97  | 95  | 91  | 87  | 87  | 91  | 95  | 97  | 97  | 97  | 97  | 97  | 97  | 97  | 98  | 97  | 95  | 95  | 95  | 95  |                   |
| 20                         | 95 | 95  | 95  | 95  | 94  | 93  | 90  | 88  | 87  | 88  | 93  | 95  | 95  | 95  | 95  | 95  | 95  | 95  | 95  | 95  | 95  | 94  | 94  | 94  |                   |
| 21                         | 94 | 93  | 93  | 93  | 93  | 90  | 89  | 87  | 87  | 87  | 89  | 91  | 92  | 93  | 93  | 93  | 94  | 94  | 94  | 94  | 93  | 93  | 93  | 92  |                   |
| Q 22                       | 93 | 93  | 93  | 93  | 95  | 95  | 92  | 91  | 92  | 92  | 93  | 95  | 96  | 95  | 95  | 95  | 95  | 95  | 95  | 95  | 94  | 93  | 92  | 94  |                   |
| Q 23                       | 92 | 92  | 92  | 92  | 93  | 92  | 85  | 81  | 83  | 86  | 89  | 91  | 93  | 93  | 92  | 92  | 93  | 93  | 93  | 92  | 92  | 91  | 91  | 91  |                   |
| Q 24                       | 91 | 91  | 91  | 93  | 93  | 92  | 87  | 86  | 87  | 87  | 89  | 89  | 91  | 91  | 92  | 92  | 93  | 93  | 93  | 93  | 92  | 92  | 91  | 91  |                   |
| 25                         | 91 | 91  | 91  | 91  | 89  | 87  | 86  | 86  | 87  | 86  | 87  | 92  | 92  | 89  | 89  | 89  | 89  | 92  | 98  | 102 | 105 | 105 | 105 | 102 |                   |
| D 26                       | 99 | 102 | 102 | 101 | 101 | 99  | 97  | 98  | 97  | 99  | 103 | 103 | 101 | 99  | 99  | 101 | 100 | 97  | 97  | 96  | 95  | 94  | 93  | 99  |                   |
| 27                         | 95 | 91  | 92  | 93  | 93  | 94  | 94  | 96  | 99  | 97  | 96  | 97  | 98  | 98  | 99  | 99  | 99  | 99  | 98  | 99  | 98  | 97  | 97  | 96  |                   |
| 28                         | 96 | 95  | 95  | 93  | 93  | 95  | 93  | 91  | 90  | 88  | 88  | 91  | 93  | 94  | 95  | 95  | 95  | 95  | 95  | 95  | 94  | 94  | 94  | 93  |                   |
| 29                         | 94 | 95  | 94  | 93  | 93  | 91  | 90  | 90  | 89  | 88  | 89  | 93  | 95  | 95  | 96  | 95  | 95  | 95  | 96  | 96  | 95  | 95  | 95  | 93  |                   |
| 30                         | 94 | 93  | 91  | 90  | 88  | 89  | 90  | 85  | 84  | 85  | 89  | 93  | 94  | 95  | 95  | 97  | 99  | 99  | 98  | 98  | 97  | 94  | 95  | 93  |                   |
| 31                         |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                   |
| Среднее по<br>всем дням    | 94 | 94  | 94  | 94  | 94  | 93  | 90  | 88  | 88  | 88  | 91  | 94  | 96  | 96  | 96  | 97  | 97  | 96  | 97  | 97  | 96  | 95  | 95  | 94  |                   |
| Среднее по<br>сп. дням     | 93 | 92  | 92  | 93  | 94  | 93  | 89  | 87  | 88  | 88  | 90  | 92  | 94  | 93  | 93  | 93  | 94  | 94  | 94  | 93  | 92  | 92  | 92  | 92  |                   |
| Среднее по<br>возмущ. дням | 93 | 94  | 95  | 95  | 95  | 93  | 89  | 89  | 91  | 92  | 97  | 100 | 101 | 102 | 103 | 102 | 103 | 100 | 100 | 100 | 98  | 97  | 96  | 97  |                   |

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

Обработал Бенситашивили Ж.А. Проверил Эбрешидзе М.А.

Бедомство Инст. Геофизики АН. Груз. ССР  
Обсерватория Абшиси (Душети) Широта 42°05' Долгота 44°42'

Среднемесячн. Д = 4°56'.6

Месяц Декабрь Год 1977

Элемент Склонение

Д = 4°42'.0

| Время<br>мировое           |  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | Средн.<br>суточн. |      |
|----------------------------|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------------------|------|
| Дни                        |  | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 19   | 20   | 21   | 22   | 23   | 24   |                   |      |
| 1                          |  | 14.5 | 14.1 | 14.1 | 14.1 | 13.7 | 13.2 | 12.8 | 12.2 | 11.4 | 11.5 | 12.4 | 13.2 | 13.9 | 13.9 | 14.1 | 14.1 | 14.9 | 14.1 | 15.4 | 16.2 | 16.9 | 18.0 | 18.2 | 17.0              | 14.3 |
| D 2                        |  | 16.7 | 16.0 | 13.9 | 9.6  | 11.1 | 12.8 | 13.9 | 15.0 | 14.1 | 13.2 | 13.0 | 14.9 | 14.7 | 16.0 | 16.0 | 15.8 | 22.7 | 26.9 | 27.9 | 27.5 | 26.5 | 20.7 | 19.9 | 19.9              | 17.4 |
| 3                          |  | 17.7 | 16.7 | 16.0 | 15.7 | 15.6 | 16.0 | 16.8 | 16.4 | 15.4 | 14.5 | 14.3 | 14.3 | 14.7 | 15.7 | 16.2 | 15.2 | 15.0 | 15.4 | 15.4 | 15.4 | 15.5 | 15.4 | 15.4 | 14.9              | 15.6 |
| 4                          |  | 14.7 | 14.3 | 14.3 | 14.5 | 14.3 | 14.7 | 15.2 | 14.7 | 14.1 | 13.2 | 13.2 | 13.4 | 14.0 | 14.5 | 14.5 | 14.1 | 15.4 | 14.9 | 16.2 | 18.0 | 18.6 | 18.6 | 18.4 | 17.5              | 15.2 |
| D 5                        |  | 15.2 | 14.1 | 14.7 | 14.3 | 13.9 | 14.5 | 14.7 | 14.7 | 14.3 | 14.9 | 14.5 | 14.3 | 14.2 | 14.7 | 14.9 | 14.7 | 14.5 | 14.7 | 14.9 | 15.4 | 15.8 | 15.8 | 15.4 | 15.2              | 14.8 |
| 6                          |  | 14.5 | 14.7 | 14.1 | 13.9 | 13.3 | 13.2 | 13.9 | 13.0 | 11.9 | 11.9 | 12.4 | 13.2 | 14.1 | 14.6 | 14.7 | 14.9 | 14.9 | 14.7 | 14.5 | 14.7 | 14.9 | 14.9 | 14.7 | 14.3              | 14.0 |
| Q 7                        |  | 14.1 | 14.1 | 14.1 | 14.5 | 14.9 | 15.2 | 15.8 | 14.7 | 13.0 | 12.4 | 12.4 | 12.8 | 13.7 | 14.3 | 14.5 | 14.5 | 14.5 | 14.5 | 14.5 | 15.2 | 15.4 | 15.4 | 14.7 | 14.1              | 14.3 |
| Q 8                        |  | 14.3 | 14.3 | 14.1 | 14.3 | 14.5 | 14.9 | 15.2 | 14.1 | 12.8 | 12.4 | 12.8 | 13.4 | 13.9 | 14.3 | 14.3 | 14.5 | 14.4 | 14.4 | 14.5 | 14.7 | 14.7 | 14.5 | 14.5 | 14.3              | 14.2 |
| 9                          |  | 14.1 | 14.1 | 14.1 | 14.3 | 14.4 | 14.9 | 15.6 | 14.5 | 12.8 | 12.2 | 12.8 | 13.2 | 14.0 | 14.3 | 14.3 | 14.4 | 14.5 | 14.5 | 14.5 | 14.7 | 14.6 | 14.5 | 14.3 | 14.3              | 14.2 |
| 10                         |  | 14.0 | 14.0 | 14.1 | 14.5 | 14.5 | 14.5 | 14.9 | 14.1 | 13.9 | 12.8 | 13.0 | 13.2 | 13.7 | 13.7 | 13.7 | 13.9 | 14.0 | 14.1 | 14.3 | 14.5 | 14.9 | 15.2 | 15.6 | 14.5              | 14.2 |
| D 11                       |  | 14.1 | 13.7 | 12.4 | 13.4 | 13.0 | 14.7 | 15.6 | 16.0 | 13.9 | 15.8 | 15.6 | 14.1 | 16.2 | 17.5 | 19.0 | 16.9 | 18.4 | 18.8 | 17.9 | 17.1 | 18.2 | 18.6 | 19.7 | 17.1              | 16.2 |
| D 12                       |  | 17.1 | 14.9 | 13.2 | 13.9 | 13.0 | 14.9 | 16.0 | 15.9 | 15.4 | 14.1 | 13.7 | 13.9 | 14.9 | 15.8 | 15.4 | 14.9 | 14.9 | 15.2 | 15.8 | 17.5 | 16.9 | 16.0 | 16.0 | 15.6              | 15.2 |
| D 13                       |  | 14.5 | 13.3 | 12.2 | 13.9 | 13.9 | 14.1 | 14.7 | 14.5 | 14.5 | 14.5 | 14.9 | 15.2 | 14.9 | 14.9 | 17.1 | 16.2 | 16.4 | 16.2 | 17.1 | 17.5 | 16.0 | 15.6 | 15.8 | 15.7              | 15.2 |
| 14                         |  | 14.6 | 14.1 | 14.2 | 14.1 | 14.3 | 14.9 | 15.6 | 14.9 | 14.1 | 13.7 | 14.2 | 14.7 | 15.4 | 15.8 | 15.2 | 16.4 | 15.6 | 15.4 | 15.4 | 15.4 | 15.0 | 14.9 | 14.9 | 14.5              | 14.9 |
| 15                         |  | 14.1 | 14.0 | 14.0 | 14.0 | 14.5 | 14.9 | 14.7 | 14.3 | 14.1 | 14.3 | 14.3 | 14.1 | 14.7 | 15.4 | 15.0 | 15.4 | 15.0 | 14.9 | 14.9 | 15.2 | 14.9 | 14.7 | 14.6 | 14.4              | 14.6 |
| 16                         |  | 14.2 | 14.1 | 14.1 | 14.3 | 14.5 | 14.9 | 15.0 | 14.9 | 14.7 | 14.1 | 13.7 | 13.7 | 14.1 | 14.3 | 14.7 | 15.4 | 16.2 | 16.4 | 16.7 | 17.1 | 16.2 | 15.4 | 16.2 | 18.2              | 15.1 |
| 17                         |  | 17.1 | 18.5 | 17.6 | 16.2 | 15.6 | 15.2 | 15.4 | 14.5 | 13.7 | 13.1 | 13.2 | 13.4 | 14.1 | 14.9 | 14.9 | 14.9 | 14.9 | 14.9 | 14.9 | 14.9 | 15.4 | 15.4 | 14.7 | 14.5              | 15.1 |
| Q 18                       |  | 14.5 | 14.5 | 14.5 | 14.7 | 14.3 | 14.5 | 15.0 | 14.5 | 14.5 | 14.1 | 14.0 | 14.1 | 14.6 | 14.9 | 14.7 | 14.6 | 14.7 | 14.5 | 14.5 | 14.5 | 14.5 | 14.5 | 14.3 | 14.1              | 14.5 |
| Q 19                       |  | 14.1 | 13.9 | 14.1 | 14.1 | 14.5 | 15.2 | 15.8 | 14.9 | 14.1 | 12.8 | 12.8 | 13.4 | 14.2 | 14.5 | 14.5 | 14.5 | 14.5 | 13.9 | 13.9 | 14.0 | 14.0 | 14.1 | 13.9 | 13.9              | 14.2 |
| Q 20                       |  | 13.7 | 13.7 | 13.6 | 13.7 | 13.7 | 14.3 | 15.2 | 14.9 | 14.1 | 13.7 | 13.6 | 13.7 | 14.0 | 14.1 | 14.1 | 14.5 | 14.5 | 14.7 | 15.2 | 14.9 | 14.9 | 14.7 | 14.5 | 14.3              | 14.3 |
| 21                         |  | 14.1 | 13.6 | 13.2 | 13.2 | 13.7 | 14.1 | 15.2 | 14.9 | 14.7 | 14.5 | 13.9 | 13.7 | 13.9 | 14.1 | 14.5 | 14.1 | 14.5 | 14.1 | 14.1 | 14.1 | 14.9 | 15.4 | 16.0 | 14.5              | 14.3 |
| 22                         |  | 13.2 | 13.6 | 13.6 | 13.9 | 13.7 | 14.7 | 15.5 | 15.4 | 15.2 | 14.5 | 14.1 | 14.2 | 14.5 | 14.4 | 14.5 | 14.5 | 14.3 | 14.5 | 14.9 | 14.9 | 14.6 | 14.3 | 14.4 | 13.7              | 14.4 |
| 23                         |  | 13.2 | 13.0 | 12.8 | 12.6 | 12.4 | 13.2 | 14.4 | 14.5 | 14.3 | 13.7 | 13.4 | 13.4 | 13.5 | 13.7 | 14.1 | 13.9 | 14.1 | 14.1 | 14.5 | 14.6 | 14.7 | 15.1 | 15.1 | 14.9              | 13.9 |
| 24                         |  | 14.1 | 13.7 | 13.4 | 13.7 | 13.7 | 13.7 | 13.9 | 14.0 | 13.7 | 13.0 | 13.7 | 13.9 | 13.7 | 13.4 | 13.7 | 13.9 | 14.1 | 14.1 | 14.5 | 14.5 | 14.5 | 14.3 | 14.1 | 13.7              | 13.9 |
| 25                         |  | 13.7 | 13.5 | 13.2 | 13.7 | 13.7 | 13.9 | 14.3 | 13.4 | 13.7 | 11.1 | 11.7 | 13.0 | 13.7 | 13.9 | 13.4 | 13.4 | 13.7 | 14.0 | 15.2 | 16.2 | 16.0 | 15.6 | 15.2 | 14.7              | 13.9 |
| 26                         |  | 14.0 | 13.9 | 14.2 | 13.9 | 13.4 | 13.7 | 13.4 | 12.7 | 10.9 | 10.9 | 11.3 | 13.2 | 13.7 | 13.2 | 13.5 | 13.9 | 14.1 | 14.3 | 15.8 | 15.8 | 14.9 | 14.5 | 14.7 | 14.1              | 13.7 |
| 27                         |  | 14.3 | 14.7 | 14.5 | 14.1 | 14.1 | 14.1 | 14.7 | 14.3 | 13.2 | 12.4 | 12.6 | 13.7 | 14.1 | 13.7 | 14.1 | 14.5 | 14.5 | 14.5 | 14.5 | 14.9 | 14.5 | 14.5 | 14.4 | 14.2              | 14.1 |
| 28                         |  | 14.1 | 14.5 | 14.4 | 14.7 | 14.7 | 14.6 | 14.9 | 13.7 | 12.6 | 11.9 | 13.0 | 14.4 | 14.3 | 13.7 | 13.2 | 13.7 | 13.7 | 13.2 | 14.1 | 16.4 | 15.8 | 16.6 | 15.2 | 13.7              | 14.2 |
| 29                         |  | 13.6 | 14.1 | 14.0 | 13.5 | 13.7 | 14.8 | 14.1 | 13.2 | 12.2 | 11.3 | 11.5 | 13.0 | 14.5 | 14.3 | 13.7 | 13.9 | 14.1 | 14.1 | 14.5 | 14.5 | 14.5 | 14.7 | 14.5 | 15.0              | 13.8 |
| 30                         |  | 14.8 | 14.9 | 14.5 | 14.5 | 14.5 | 14.5 | 14.5 | 13.7 | 13.2 | 12.8 | 13.0 | 13.7 | 13.9 | 14.1 | 14.5 | 14.5 | 14.5 | 14.4 | 14.8 | 14.3 | 14.4 | 14.5 | 14.1 | 13.7              | 14.2 |
| 31                         |  | 14.1 | 13.9 | 13.9 | 14.1 | 14.1 | 14.9 | 15.2 | 14.5 | 13.4 | 12.8 | 12.6 | 16.9 | 13.2 | 14.5 | 14.1 | 14.3 | 14.2 | 14.1 | 14.3 | 14.9 | 15.4 | 15.8 | 15.4 | 14.7              | 14.4 |
| Среднее по<br>всем дням    |  | 14.5 | 14.3 | 14.0 | 14.0 | 14.0 | 14.4 | 14.9 | 14.4 | 13.7 | 13.2 | 13.3 | 13.8 | 14.2 | 14.6 | 14.7 | 14.7 | 15.0 | 15.1 | 15.5 | 15.8 | 15.7 | 15.6 | 15.4 | 15.0              | 14.6 |
| Среднее по<br>сп. дням     |  | 14.1 | 14.1 | 14.1 | 14.3 | 14.4 | 14.8 | 15.4 | 14.6 | 13.7 | 13.1 | 13.1 | 13.5 | 14.1 | 14.4 | 14.4 | 14.5 | 14.5 | 14.4 | 14.5 | 14.7 | 14.7 | 14.6 | 14.4 | 14.1              | 14.3 |
| Среднее по<br>Возмущ. дням |  | 15.5 | 14.4 | 13.3 | 13.0 | 13.0 | 14.2 | 15.0 | 15.2 | 14.4 | 14.5 | 14.3 | 14.5 | 15.0 | 15.8 | 16.5 | 15.7 | 17.4 | 18.4 | 18.7 | 19.0 | 18.7 | 17.3 | 17.4 | 16.7              | 15.7 |

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

Обработал Чикадзе Т. И.

Проверил а Эбенидзе М. А.

Ведомство Инст. Геофизики АН. Груз. ССР  
Обсерватория Жбмиси (Душети) Широта 42°05' Долгота 44°42'

Среднемесячн. H = 24188<sup>h</sup>

Месяц Декабрь Год 1977

Элемент Горизонтальная составляющая

H = 24100<sup>h</sup> +                      =                      =                     

| Время<br>мировое           |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | Средн.<br>суточн. |     |
|----------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------------------|-----|
| Дни                        | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 19  | 20  | 21  | 22  | 23  | 24  |                   |     |
| 1                          | 92  | 94  | 94  | 96  | 102 | 103 | 98  | 99  | 103 | 108 | 110 | 109 | 104 | 102 | 96  | 93  | 94  | 93  | 90  | 74  | 92  | 92  | 82  | 85                | 96  |
| D 2                        | 93  | 98  | 103 | 92  | 66  | 56  | 54  | 62  | 58  | 62  | 49  | 32  | 22  | 1   | 42  | 28  | 38  | -2  | -23 | 1   | 48  | 34  | 48  | 19                | 45  |
| 3                          | 14  | 22  | 36  | 48  | 52  | 54  | 54  | 50  | 50  | 52  | 56  | 61  | 61  | 61  | 62  | 66  | 67  | 68  | 69  | 72  | 74  | 74  | 68  | 72                | 57  |
| 4                          | 72  | 72  | 73  | 74  | 76  | 79  | 79  | 75  | 72  | 68  | 67  | 68  | 71  | 71  | 75  | 80  | 68  | 68  | 72  | 74  | 50  | 56  | 54  | 60                | 70  |
| D 5                        | 68  | 74  | 78  | 78  | 66  | 61  | 70  | 76  | 66  | 61  | 71  | 72  | 72  | 72  | 80  | 81  | 82  | 80  | 79  | 79  | 80  | 80  | 76  | 74                | 74  |
| 6                          | 82  | 78  | 85  | 98  | 104 | 104 | 104 | 102 | 94  | 86  | 90  | 92  | 96  | 96  | 92  | 90  | 90  | 90  | 89  | 86  | 90  | 86  | 88  | 85                | 92  |
| Q 7                        | 86  | 86  | 90  | 92  | 92  | 94  | 84  | 84  | 83  | 87  | 90  | 95  | 101 | 100 | 100 | 100 | 98  | 94  | 91  | 88  | 84  | 84  | 96  | 95                | 92  |
| Q 8                        | 96  | 95  | 96  | 99  | 98  | 97  | 92  | 88  | 83  | 83  | 82  | 88  | 94  | 98  | 99  | 99  | 98  | 95  | 94  | 94  | 94  | 94  | 94  | 94                | 94  |
| 9                          | 96  | 98  | 100 | 106 | 105 | 106 | 90  | 74  | 73  | 82  | 88  | 92  | 94  | 95  | 96  | 95  | 94  | 95  | 94  | 94  | 93  | 94  | 95  | 96                | 94  |
| 10                         | 97  | 98  | 98  | 98  | 99  | 100 | 100 | 100 | 94  | 99  | 104 | 104 | 104 | 101 | 102 | 106 | 106 | 107 | 108 | 104 | 106 | 102 | 98  | 96                | 101 |
| D 11                       | 100 | 92  | 107 | 100 | 100 | 76  | 50  | 42  | 45  | 29  | -2  | -32 | -43 | -18 | 40  | 24  | 11  | 38  | 52  | 52  | 50  | 74  | 62  | 59                | 46  |
| D 12                       | 60  | 62  | 78  | 82  | 66  | 71  | 73  | 66  | 59  | 60  | 60  | 62  | 59  | 59  | 67  | 76  | 72  | 70  | 64  | 64  | 66  | 74  | 83  | 76                | 68  |
| D 13                       | 78  | 82  | 94  | 88  | 89  | 88  | 90  | 88  | 84  | 83  | 76  | 79  | 81  | 68  | 70  | 60  | 89  | 71  | 65  | 88  | 83  | 81  | 80  | 79                | 81  |
| 14                         | 78  | 80  | 82  | 82  | 85  | 79  | 76  | 74  | 76  | 75  | 76  | 76  | 80  | 86  | 82  | 82  | 77  | 82  | 84  | 86  | 89  | 88  | 87  | 88                | 81  |
| 15                         | 90  | 90  | 92  | 90  | 95  | 92  | 89  | 84  | 78  | 75  | 80  | 83  | 80  | 88  | 88  | 87  | 87  | 88  | 88  | 84  | 88  | 88  | 90  | 90                | 87  |
| 16                         | 91  | 94  | 95  | 95  | 96  | 96  | 94  | 94  | 90  | 90  | 92  | 95  | 100 | 100 | 94  | 78  | 70  | 54  | 57  | 74  | 74  | 76  | 89  | 78                | 86  |
| 17                         | 82  | 86  | 78  | 67  | 70  | 89  | 65  | 60  | 68  | 77  | 83  | 88  | 84  | 88  | 89  | 88  | 86  | 88  | 88  | 84  | 82  | 80  | 84  | 84                | 81  |
| Q 18                       | 86  | 86  | 84  | 88  | 94  | 92  | 96  | 96  | 96  | 98  | 96  | 94  | 96  | 100 | 98  | 96  | 92  | 90  | 90  | 91  | 92  | 93  | 94  | 94                | 93  |
| Q 19                       | 94  | 95  | 96  | 96  | 100 | 97  | 92  | 88  | 86  | 92  | 104 | 102 | 101 | 100 | 100 | 100 | 98  | 107 | 105 | 102 | 100 | 100 | 100 | 100               | 98  |
| Q 20                       | 99  | 101 | 104 | 108 | 113 | 113 | 108 | 106 | 106 | 103 | 102 | 90  | 88  | 87  | 86  | 84  | 86  | 86  | 93  | 90  | 92  | 95  | 95  | 96                | 97  |
| 21                         | 96  | 98  | 101 | 106 | 109 | 112 | 110 | 108 | 107 | 104 | 101 | 102 | 98  | 99  | 94  | 90  | 93  | 100 | 104 | 100 | 95  | 95  | 92  | 84                | 100 |
| 22                         | 95  | 96  | 98  | 101 | 102 | 107 | 104 | 96  | 93  | 90  | 91  | 92  | 90  | 89  | 90  | 93  | 95  | 93  | 94  | 94  | 96  | 100 | 96  | 98                | 96  |
| 23                         | 102 | 104 | 106 | 110 | 118 | 120 | 120 | 117 | 114 | 108 | 100 | 92  | 88  | 96  | 95  | 101 | 102 | 112 | 102 | 101 | 100 | 96  | 86  | 84                | 103 |
| 24                         | 90  | 92  | 96  | 100 | 107 | 111 | 112 | 106 | 107 | 107 | 102 | 94  | 94  | 96  | 98  | 97  | 96  | 96  | 100 | 100 | 100 | 100 | 104 | 102               | 100 |
| 25                         | 102 | 102 | 102 | 104 | 108 | 114 | 114 | 108 | 112 | 118 | 119 | 116 | 112 | 108 | 106 | 106 | 100 | 96  | 101 | 96  | 88  | 88  | 84  | 88                | 104 |
| 26                         | 100 | 106 | 102 | 99  | 104 | 108 | 100 | 98  | 103 | 113 | 112 | 112 | 114 | 106 | 102 | 100 | 98  | 101 | 90  | 98  | 94  | 92  | 90  | 92                | 101 |
| 27                         | 100 | 98  | 94  | 100 | 104 | 106 | 105 | 100 | 102 | 102 | 112 | 114 | 112 | 101 | 92  | 90  | 94  | 94  | 94  | 94  | 95  | 95  | 95  | 94                | 99  |
| 28                         | 94  | 99  | 100 | 102 | 108 | 108 | 96  | 91  | 97  | 101 | 111 | 107 | 106 | 106 | 102 | 106 | 107 | 108 | 89  | 72  | 114 | 74  | 70  | 86                | 98  |
| 29                         | 97  | 90  | 90  | 94  | 99  | 102 | 98  | 95  | 102 | 109 | 112 | 105 | 98  | 96  | 95  | 96  | 95  | 95  | 88  | 90  | 90  | 90  | 94  | 90                | 96  |
| 30                         | 90  | 88  | 92  | 93  | 101 | 97  | 86  | 82  | 82  | 88  | 94  | 100 | 100 | 99  | 96  | 93  | 95  | 95  | 96  | 96  | 94  | 94  | 98  | 100               | 94  |
| 31                         | 98  | 100 | 100 | 100 | 104 | 100 | 90  | 86  | 90  | 90  | 90  | 101 | 100 | 102 | 96  | 100 | 101 | 101 | 99  | 94  | 90  | 100 | 94  | 95                | 97  |
| Среднее по<br>всем дням    | 88  | 89  | 92  | 93  | 95  | 95  | 90  | 87  | 86  | 87  | 88  | 87  | 86  | 86  | 88  | 87  | 86  | 86  | 84  | 84  | 87  | 86  | 86  | 85                | 88  |
| Среднее по<br>сп. дням     | 92  | 93  | 94  | 97  | 99  | 99  | 94  | 92  | 91  | 93  | 95  | 94  | 96  | 97  | 97  | 96  | 94  | 94  | 95  | 93  | 92  | 94  | 96  | 96                | 95  |
| Среднее по<br>возмущ. дням | 80  | 82  | 92  | 88  | 77  | 70  | 67  | 67  | 62  | 59  | 51  | 43  | 38  | 36  | 60  | 54  | 58  | 51  | 47  | 57  | 65  | 69  | 70  | 61                | 63  |

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

Обработала Эбремидзе И.А.

Проверил Бетситамбили И.А.

Ведомство Инст. Геофизики АН. Груз. ССР  
Обсерватория Тбилиси (Душети) Широта 42° 05' Долгота 44° 42'  
Месяц Декабрь Год 1977

ред.месячн. Σ = 42066<sup>8</sup>

Элемент Вертикальная составляющая

Σ = 42020<sup>8</sup>

| Время<br>мировое           |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | Средн.<br>суточн. |    |
|----------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------------------|----|
|                            | 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 19 | 20 | 21 | 22 | 23 | 24 |                   |    |
| Дни                        | 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 19 | 20 | 21 | 22 | 23 | 24 |                   |    |
| 1                          | 43 | 44 | 44 | 43 | 39 | 37 | 39 | 42 | 44 | 43 | 42 | 43 | 42 | 42 | 43 | 44 | 44 | 44 | 46 | 48 | 45 | 45 | 45 | 44                | 43 |
| D 2                        | 42 | 40 | 38 | 42 | 43 | 45 | 47 | 46 | 46 | 50 | 52 | 55 | 57 | 60 | 56 | 59 | 58 | 60 | 64 | 57 | 63 | 55 | 52 | 56                | 52 |
| 3                          | 58 | 57 | 55 | 54 | 53 | 54 | 56 | 56 | 53 | 53 | 54 | 56 | 56 | 55 | 55 | 54 | 54 | 53 | 54 | 53 | 52 | 51 | 51 | 51                | 54 |
| 4                          | 50 | 50 | 50 | 50 | 51 | 50 | 48 | 48 | 46 | 48 | 51 | 52 | 54 | 54 | 53 | 52 | 53 | 54 | 55 | 58 | 56 | 54 | 52 | 52                | 52 |
| D 5                        | 51 | 50 | 49 | 48 | 51 | 50 | 47 | 47 | 48 | 51 | 50 | 50 | 50 | 52 | 50 | 51 | 51 | 50 | 51 | 50 | 48 | 48 | 50 | 50                | 50 |
| 6                          | 48 | 49 | 48 | 46 | 44 | 47 | 50 | 48 | 46 | 48 | 50 | 51 | 51 | 49 | 49 | 49 | 49 | 48 | 49 | 49 | 48 | 48 | 48 | 48                | 48 |
| Q 7                        | 48 | 48 | 48 | 48 | 47 | 46 | 42 | 36 | 33 | 35 | 38 | 43 | 46 | 45 | 44 | 44 | 44 | 44 | 44 | 45 | 45 | 44 | 42 | 42                | 43 |
| Q 8                        | 42 | 42 | 43 | 43 | 43 | 43 | 40 | 36 | 40 | 42 | 44 | 47 | 47 | 46 | 44 | 44 | 43 | 44 | 43 | 44 | 42 | 42 | 42 | 42                | 43 |
| 9                          | 42 | 42 | 42 | 42 | 41 | 44 | 43 | 41 | 36 | 38 | 42 | 46 | 47 | 46 | 45 | 45 | 44 | 44 | 45 | 44 | 44 | 43 | 42 | 42                | 43 |
| 10                         | 42 | 43 | 43 | 43 | 41 | 42 | 40 | 39 | 40 | 43 | 44 | 45 | 44 | 43 | 44 | 43 | 43 | 42 | 42 | 42 | 41 | 40 | 41 | 42                | 42 |
| D 11                       | 41 | 44 | 42 | 42 | 40 | 44 | 46 | 42 | 44 | 50 | 60 | 66 | 70 | 65 | 61 | 64 | 65 | 62 | 59 | 57 | 57 | 52 | 52 | 52                | 53 |
| D 12                       | 52 | 52 | 50 | 46 | 46 | 46 | 44 | 44 | 44 | 46 | 48 | 50 | 52 | 54 | 52 | 52 | 52 | 52 | 52 | 52 | 52 | 50 | 48 | 49                | 49 |
| D 13                       | 48 | 49 | 48 | 48 | 46 | 51 | 54 | 54 | 52 | 52 | 50 | 48 | 48 | 50 | 50 | 52 | 48 | 50 | 50 | 47 | 48 | 48 | 48 | 48                | 49 |
| 14                         | 48 | 48 | 48 | 48 | 48 | 48 | 45 | 44 | 43 | 44 | 48 | 50 | 50 | 49 | 49 | 48 | 49 | 48 | 48 | 48 | 47 | 47 | 47 | 47                | 47 |
| 15                         | 46 | 46 | 46 | 47 | 46 | 45 | 46 | 48 | 50 | 52 | 50 | 49 | 48 | 48 | 48 | 48 | 48 | 48 | 48 | 48 | 47 | 46 | 46 | 46                | 48 |
| 16                         | 46 | 46 | 46 | 46 | 46 | 46 | 48 | 46 | 46 | 45 | 46 | 48 | 46 | 45 | 45 | 47 | 49 | 51 | 52 | 48 | 48 | 48 | 45 | 46                | 47 |
| 17                         | 44 | 43 | 45 | 47 | 48 | 48 | 51 | 49 | 47 | 46 | 44 | 44 | 46 | 48 | 48 | 48 | 48 | 48 | 48 | 48 | 47 | 47 | 46 | 46                | 47 |
| Q 18                       | 45 | 46 | 47 | 46 | 44 | 45 | 44 | 43 | 43 | 44 | 42 | 40 | 42 | 46 | 45 | 45 | 46 | 45 | 46 | 46 | 45 | 45 | 44 | 44                | 44 |
| Q 19                       | 44 | 45 | 45 | 45 | 44 | 46 | 43 | 40 | 40 | 40 | 40 | 42 | 45 | 45 | 44 | 44 | 44 | 43 | 44 | 43 | 43 | 43 | 43 | 43                | 43 |
| Q 20                       | 44 | 44 | 44 | 42 | 41 | 41 | 39 | 36 | 35 | 34 | 36 | 40 | 42 | 46 | 45 | 45 | 46 | 46 | 45 | 45 | 44 | 44 | 43 | 42                | 42 |
| 21                         | 44 | 44 | 42 | 42 | 41 | 41 | 38 | 38 | 39 | 39 | 40 | 41 | 42 | 44 | 44 | 44 | 45 | 44 | 44 | 44 | 44 | 43 | 44 | 44                | 42 |
| 22                         | 43 | 42 | 43 | 43 | 44 | 46 | 45 | 44 | 44 | 40 | 39 | 41 | 43 | 46 | 46 | 45 | 45 | 45 | 44 | 44 | 44 | 43 | 42 | 44                | 44 |
| 23                         | 42 | 42 | 42 | 41 | 40 | 42 | 40 | 40 | 38 | 38 | 43 | 44 | 46 | 46 | 45 | 44 | 44 | 44 | 43 | 44 | 43 | 43 | 44 | 44                | 43 |
| 24                         | 44 | 44 | 44 | 44 | 42 | 41 | 38 | 38 | 37 | 38 | 40 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 43 | 42 | 42                | 42 |
| 25                         | 42 | 42 | 42 | 42 | 40 | 40 | 40 | 40 | 38 | 37 | 40 | 42 | 43 | 42 | 43 | 43 | 44 | 44 | 44 | 45 | 46 | 45 | 45 | 44                | 42 |
| " 26                       | 42 | 41 | 41 | 42 | 40 | 42 | 44 | 44 | 42 | 42 | 44 | 44 | 41 | 41 | 42 | 43 | 44 | 44 | 45 | 44 | 43 | 43 | 43 | 43                | 43 |
| 27                         | 42 | 42 | 43 | 42 | 42 | 46 | 47 | 47 | 44 | 42 | 43 | 44 | 42 | 44 | 46 | 46 | 45 | 45 | 46 | 45 | 45 | 44 | 44 | 44                | 44 |
| 28                         | 44 | 44 | 44 | 44 | 42 | 45 | 45 | 45 | 43 | 46 | 47 | 47 | 46 | 43 | 44 | 44 | 44 | 44 | 47 | 49 | 42 | 45 | 46 | 45                | 45 |
| 29                         | 43 | 44 | 44 | 45 | 43 | 42 | 36 | 40 | 39 | 42 | 45 | 47 | 48 | 46 | 45 | 45 | 45 | 45 | 46 | 46 | 45 | 45 | 44 | 44                | 44 |
| 30                         | 44 | 44 | 44 | 45 | 44 | 46 | 48 | 48 | 47 | 49 | 49 | 46 | 46 | 46 | 45 | 46 | 46 | 45 | 46 | 46 | 45 | 45 | 44 | 43                | 46 |
| 31                         | 44 | 44 | 44 | 44 | 44 | 47 | 48 | 47 | 44 | 44 | 43 | 43 | 46 | 44 | 45 | 44 | 44 | 44 | 44 | 45 | 45 | 44 | 44 | 44                | 45 |
| Среднее по<br>всем дням    | 45 | 45 | 45 | 45 | 44 | 45 | 45 | 44 | 43 | 44 | 45 | 47 | 47 | 48 | 47 | 47 | 47 | 47 | 48 | 47 | 47 | 46 | 45 | 46                | 46 |
| Среднее по<br>сп. дням     | 45 | 45 | 45 | 45 | 44 | 44 | 42 | 38 | 38 | 39 | 40 | 42 | 44 | 46 | 44 | 44 | 45 | 44 | 44 | 45 | 44 | 44 | 43 | 43                | 43 |
| Среднее по<br>возмущ. дням | 47 | 47 | 45 | 45 | 45 | 47 | 48 | 47 | 47 | 50 | 52 | 54 | 55 | 56 | 54 | 56 | 55 | 55 | 55 | 53 | 54 | 51 | 50 | 51                | 51 |

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

Обработал Белситаишвили Т. А. Проверил Эбренидзе М. А.