

Ведомство А.Н. Уз. С.С.Р.Обсерватория Янги-БазарМесяц Январь Год 1971Широта 41°20'NДолгота 69°37'E ЭлементСклонениеСреднемесячн = 4°43'8"Д" Боброва4°30

| 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   | Средн.<br>суточн. |      |      |
|----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------------------|------|------|
| Дня                  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                   |      |      |
| 1                    | 12.9 | 12.8 | 13.4 | 14.8 | 15.0 | 14.5 | 13.2 | 12.4 | 12.7 | 13.2 | 14.0 | 14.0 | 13.6 | 13.6 | 13.6 | 13.6 | 13.9 | 15.2 | 14.0 | 13.6 | 13.6 | 13.4 | 13.2              | 13.7 |      |
| 2                    | 12.5 | 11.7 | 12.0 | 13.6 | 15.5 | 14.8 | 13.7 | 13.2 | 13.6 | 14.4 | 13.4 | 13.6 | 13.3 | 13.4 | 18.0 | 14.6 | 14.0 | 13.6 | 14.0 | 13.7 | 13.6 | 13.4 | 13.6              | 13.8 |      |
| 3                    | 12.0 | 12.4 | 12.8 | 14.4 | 14.0 | 13.9 | 12.6 | 12.3 | 12.8 | 15.7 | 13.6 | 14.1 | 17.0 | 15.7 | 14.3 | 14.0 | 14.4 | 14.4 | 15.6 | 14.4 | 15.1 | 14.6 | 12.4              | 11.2 | 13.9 |
| 4                    | 14.4 | 13.2 | 13.1 | 14.0 | 14.8 | 15.2 | 13.6 | 12.4 | 12.4 | 13.2 | 14.4 | 14.5 | 14.0 | 15.0 | 14.0 | 14.1 | 14.0 | 14.0 | 12.8 | 13.2 | 14.0 | 13.6 | 14.0              | 13.6 | 13.8 |
| 5                    | 13.3 | 13.2 | 12.8 | 14.0 | 14.8 | 14.5 | 13.6 | 12.4 | 12.8 | 12.9 | 13.6 | 13.9 | 14.0 | 14.0 | 16.1 | 14.0 | 13.6 | 14.2 | 15.2 | 13.7 | 13.6 | 13.5 | 13.4              | 12.4 | 13.7 |
| 6                    | 13.4 | 13.6 | 13.6 | 14.8 | 15.2 | 15.1 | 14.4 | 13.0 | 12.0 | 12.2 | 12.8 | 13.6 | 13.6 | 13.6 | 14.0 | 14.0 | 14.0 | 14.4 | 14.0 | 13.5 | 13.5 | 13.4 | 13.6              | 13.6 | 13.7 |
| 7                    | 13.6 | 13.6 | 14.0 | 15.5 | 16.0 | 15.6 | 14.4 | 12.2 | 11.6 | 12.4 | 13.0 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 13.4 | 13.5 | 13.5 | 13.2 | 13.2 | 13.1              | 12.8 | 13.5 |
| 8                    | 12.8 | 13.1 | 13.6 | 14.8 | 15.3 | 15.2 | 14.0 | 12.8 | 12.4 | 13.0 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 13.4 | 13.2 | 13.2 | 13.1 | 13.0 | 12.9              | 12.8 | 13.4 |
| 9                    | 12.8 | 13.1 | 13.6 | 15.2 | 15.6 | 15.2 | 13.6 | 11.5 | 11.6 | 12.6 | 12.7 | 12.6 | 12.8 | 12.8 | 13.1 | 13.1 | 13.3 | 13.4 | 13.4 | 13.4 | 13.3 | 13.3 | 13.3              | 13.3 | 13.3 |
| 10                   | 13.3 | 13.3 | 13.3 | 13.8 | 14.0 | 13.5 | 12.4 | 11.3 | 11.7 | 12.8 | 13.2 | 13.5 | 13.2 | 13.4 | 13.6 | 13.2 | 13.6 | 13.6 | 13.8 | 14.3 | 14.7 | 14.7 | 13.7              | 13.1 | 13.4 |
| 11                   | 13.1 | 12.8 | 12.8 | 13.2 | 14.4 | 14.4 | 13.6 | 12.8 | 12.8 | 14.2 | 14.2 | 13.2 | 13.6 | 13.4 | 13.4 | 14.8 | 14.4 | 14.0 | 13.8 | 13.8 | 13.9 | 13.6 | 13.8              | 13.2 | 13.6 |
| 12                   | 13.4 | 13.3 | 13.2 | 14.0 | 14.2 | 14.0 | 13.2 | 12.4 | 12.8 | 13.6 | 13.6 | 12.8 | 12.8 | 12.9 | 13.1 | 13.5 | 14.0 | 13.5 | 13.6 | 13.7 | 14.0 | 14.0 | 13.8              | 13.2 | 13.4 |
| 13                   | 12.8 | 12.8 | 12.7 | 14.0 | 14.0 | 13.0 | 12.4 | 12.2 | 12.6 | 14.0 | 14.3 | 13.5 | 13.2 | 13.0 | 12.4 | 13.2 | 13.2 | 12.8 | 12.6 | 12.8 | 12.5 | 12.8 | 13.2              | 13.0 | 13.0 |
| 14                   | 12.2 | 12.2 | 12.5 | 13.8 | 15.2 | 15.1 | 12.8 | 11.9 | 12.6 | 13.6 | 14.9 | 15.4 | 14.4 | 13.6 | 13.6 | 13.2 | 13.2 | 14.0 | 13.6 | 13.4 | 13.3 | 13.2 | 13.6              | 13.5 | 13.5 |
| 15                   | 13.5 | 13.5 | 13.9 | 14.4 | 15.6 | 16.3 | 15.5 | 14.4 | 14.9 | 16.8 | 16.8 | 15.6 | 14.0 | 14.4 | 14.8 | 14.7 | 14.4 | 14.4 | 14.0 | 14.3 | 14.0 | 13.7 | 14.3              | 13.4 | 14.6 |
| 16                   | 12.4 | 12.5 | 12.7 | 13.2 | 13.8 | 13.7 | 13.1 | 12.8 | 13.1 | 14.3 | 15.6 | 15.0 | 13.9 | 13.7 | 14.0 | 14.0 | 13.6 | 13.6 | 13.6 | 13.6 | 13.8 | 14.2 | 13.9              | 13.5 | 13.6 |
| 17                   | 13.1 | 12.8 | 13.2 | 13.2 | 13.0 | 12.7 | 12.0 | 12.4 | 12.7 | 14.4 | 15.2 | 14.4 | 13.6 | 13.9 | 14.8 | 13.6 | 13.8 | 13.6 | 13.6 | 13.6 | 13.3 | 14.0 | 13.6              | 13.2 | 13.5 |
| 18                   | 13.2 | 12.8 | 13.2 | 13.6 | 13.2 | 12.7 | 11.8 | 11.1 | 11.2 | 11.9 | 12.8 | 13.2 | 13.6 | 14.2 | 15.6 | 14.4 | 13.7 | 14.2 | 13.8 | 13.2 | 14.4 | 14.8 | 14.5              | 14.8 | 13.4 |
| 19                   | 14.8 | 14.8 | 15.2 | 14.8 | 14.1 | 13.2 | 12.0 | 10.8 | 11.3 | 12.8 | 14.2 | 14.8 | 14.4 | 14.2 | 14.8 | 15.5 | 14.4 | 13.2 | 13.6 | 13.6 | 11.6 | 14.0 | 15.9              | 17.1 | 14.0 |
| 20                   | 17.3 | 16.3 | 15.2 | 15.0 | 14.8 | 13.2 | 11.4 | 11.2 | 10.8 | 12.4 | 14.4 | 14.4 | 14.0 | 14.2 | 15.2 | 18.6 | 16.3 | 14.8 | 13.8 | 14.0 | 14.0 | 14.2 | 13.7              | 13.2 | 14.3 |
| 21                   | 13.9 | 14.8 | 15.6 | 15.2 | 14.4 | 14.0 | 13.2 | 12.0 | 10.8 | 11.8 | 13.0 | 14.3 | 14.3 | 14.3 | 14.6 | 14.8 | 14.0 | 14.1 | 14.0 | 13.5 | 13.6 | 13.9 | 13.6              | 13.4 | 13.8 |
| 22                   | 13.4 | 13.2 | 14.0 | 14.4 | 14.5 | 14.1 | 13.6 | 12.4 | 10.8 | 11.5 | 12.4 | 13.2 | 13.2 | 13.4 | 13.6 | 13.6 | 13.7 | 14.0 | 14.7 | 14.8 | 15.1 | 14.4 | 14.2              | 14.0 | 13.6 |
| 23                   | 13.9 | 13.6 | 14.0 | 14.7 | 14.8 | 14.3 | 13.2 | 12.4 | 11.8 | 12.0 | 12.4 | 13.2 | 13.6 | 13.9 | 13.8 | 13.7 | 14.4 | 14.4 | 14.8 | 14.0 | 14.4 | 14.4 | 13.6              | 13.6 | 13.7 |
| 24                   | 13.9 | 14.0 | 14.4 | 15.1 | 15.6 | 15.1 | 14.4 | 13.2 | 12.4 | 11.8 | 12.4 | 13.2 | 13.6 | 13.0 | 13.2 | 13.2 | 13.4 | 14.4 | 14.2 | 14.3 | 14.0 | 13.0 | 14.8              | 14.5 | 13.8 |
| 25                   | 13.6 | 13.2 | 13.6 | 14.4 | 15.5 | 15.2 | 13.6 | 12.7 | 12.5 | 13.1 | 14.3 | 14.4 | 13.6 | 14.0 | 14.0 | 14.0 | 14.4 | 14.4 | 13.8 | 13.8 | 13.6 | 13.6 | 13.6              | 13.3 | 13.8 |
| 26                   | 13.1 | 12.8 | 12.8 | 13.1 | 14.4 | 14.7 | 13.6 | 12.3 | 12.0 | 13.0 | 13.6 | 13.5 | 13.1 | 13.1 | 13.1 | 13.1 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 13.4 | 13.3              | 13.2 | 13.2 |
| 27                   | 13.2 | 12.8 | 12.8 | 13.6 | 14.0 | 15.2 | 15.2 | 14.8 | 14.4 | 15.6 | 14.0 | 14.0 | 14.8 | 16.0 | 18.4 | 20.4 | 18.8 | 18.9 | 16.4 | 16.8 | 17.8 | 18.1 | 16.8              | 15.4 | 15.8 |
| 28                   | 12.8 | 12.7 | 11.6 | 11.5 | 13.1 | 14.4 | 14.8 | 14.4 | 15.4 | 15.6 | 16.3 | 15.2 | 13.6 | 14.0 | 14.5 | 18.5 | 15.6 | 17.6 | 17.1 | 21.4 | 21.3 | 22.0 | 17.1              | 18.1 | 15.8 |
| 29                   | 16.3 | 15.2 | 14.5 | 14.5 | 14.0 | 14.0 | 12.8 | 12.9 | 13.6 | 14.1 | 15.2 | 15.6 | 13.2 | 13.1 | 13.2 | 14.0 | 14.8 | 14.4 | 14.4 | 15.1 | 14.8 | 14.4 | 13.8              | 13.9 | 14.2 |
| 30                   | 13.5 | 12.8 | 12.8 | 13.6 | 15.3 | 14.8 | 15.0 | 14.0 | 14.3 | 14.8 | 15.6 | 15.6 | 14.8 | 14.0 | 15.1 | 15.1 | 14.4 | 14.4 | 15.6 | 15.5 | 12.2 | 14.8 | 14.0              | 17.2 | 14.6 |
| 31.                  | 14.3 | 13.4 | 13.2 | 13.5 | 13.5 | 13.6 | 13.5 | 12.8 | 14.4 | 14.8 | 14.8 | 14.4 | 14.0 | 16.0 | 14.0 | 13.8 | 14.0 | 14.4 | 14.1 | 14.8 | 12.4 | 12.4 | 12.8              | 12.8 | 13.8 |
| Среднее<br>всем дням | 13.5 | 13.3 | 13.4 | 14.1 | 14.6 | 14.4 | 13.4 | 12.6 | 12.6 | 13.5 | 14.0 | 14.0 | 13.8 | 13.9 | 14.3 | 14.4 | 14.1 | 14.2 | 14.2 | 14.2 | 14.0 | 14.2 | 13.9              | 13.8 | 13.8 |

x величины, взятые по запасному в-ру

Ведомство АН УЗ ССР  
Обсерватория Янги-Базор  
Месяц январь Год 1971

Широта 41°20'N

Долгота 69°37'E Элемент горизонтальная составляющая

Среднемесячн.

25859

Н" Боброва 25800 +

| Время<br>мировое<br>Дня |    |    |    |    |    |    |    |    |     |     |     |    |    |     |     |     |     |     |    |     |     |    |    | Средн.<br>суточн. |    |
|-------------------------|----|----|----|----|----|----|----|----|-----|-----|-----|----|----|-----|-----|-----|-----|-----|----|-----|-----|----|----|-------------------|----|
|                         | 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9   | 10  | 11  | 12 | 13 | 14  | 5   | 16  | 17  | 19  | 20 | 21  | 22  | 23 |    |                   |    |
| 1                       | 69 | 68 | 77 | 73 | 63 | 48 | 51 | 61 | 68  | 70  | 67  | 70 | 69 | 68  | 68  | 65  | 68  | 65  | 61 | 58  | 63  | 65 | 68 | 73                | 66 |
| 2                       | 80 | 80 | 84 | 88 | 69 | 60 | 65 | 71 | 65  | 59  | 70  | 69 | 70 | 58  | 53  | 60  | 50  | 59  | 60 | 66  | 63  | 65 | 68 | 69                | 67 |
| 3                       | 63 | 70 | 63 | 55 | 48 | 40 | 38 | 43 | 45  | 27  | 48  | 46 | 53 | 28  | 43  | 55  | 58  | 68  | 57 | 58  | 40  | 43 | 57 | 60                | 50 |
| 4                       | 58 | 56 | 55 | 60 | 56 | 43 | 41 | 40 | 45  | 55  | 61  | 56 | 46 | 37  | 49  | 49  | 49  | 58  | 71 | 63  | 56  | 57 | 57 | 60                | 53 |
| 5                       | 59 | 59 | 63 | 61 | 52 | 43 | 43 | 48 | 50  | 55  | 61  | 65 | 61 | 53  | 53  | 60  | 60  | 58  | 59 | 57  | 60  | 63 | 61 | 63                | 57 |
| 6                       | 61 | 61 | 61 | 55 | 46 | 36 | 35 | 39 | 43  | 55  | 61  | 63 | 60 | 59  | 58  | 58  | 55  | 53  | 55 | 63  | 65  | 65 | 63 | 64                | 56 |
| 7                       | 65 | 65 | 66 | 60 | 47 | 39 | 37 | 46 | 55  | 59  | 64  | 64 | 64 | 64  | 67  | 67  | 67  | 67  | 67 | 68  | 67  | 67 | 67 | 67                | 61 |
| 8                       | 67 | 69 | 70 | 67 | 60 | 57 | 60 | 63 | 69  | 75  | 75  | 70 | 68 | 68  | 70  | 70  | 69  | 68  | 69 | 70  | 71  | 71 | 71 | 73                | 68 |
| 9                       | 74 | 76 | 76 | 70 | 58 | 51 | 51 | 58 | 64  | 71  | 76  | 73 | 73 | 76  | 78  | 80  | 77  | 76  | 73 | 73  | 72  | 73 | 70 | 72                | 70 |
| 10                      | 73 | 77 | 82 | 82 | 73 | 68 | 74 | 82 | 87  | 89  | 81  | 69 | 65 | 69  | 74  | 74  | 67  | 69  | 69 | 85  | 71  | 64 | 59 | 69                | 74 |
| 11                      | 71 | 73 | 76 | 81 | 77 | 68 | 62 | 75 | 74  | 72  | 67  | 60 | 63 | 65  | 61  | 75  | 65  | 62  | 67 | 69  | 67  | 67 | 64 | 68                | 69 |
| 12                      | 65 | 66 | 69 | 70 | 66 | 57 | 54 | 61 | 66  | 68  | 64  | 63 | 65 | 65  | 65  | 66  | 71  | 71  | 72 | 72  | 68  | 69 | 70 | 71                | 66 |
| 13                      | 75 | 79 | 82 | 88 | 83 | 76 | 75 | 85 | 91  | 90  | 86  | 77 | 73 | 73  | 90  | 79  | 80  | 80  | 81 | 82  | 81  | 80 | 75 | 75                | 81 |
| 14                      | 77 | 80 | 85 | 87 | 78 | 63 | 70 | 80 | 85  | 77  | 62  | 52 | 45 | 42  | 48  | 45  | 45  | 56  | 62 | 62  | 62  | 62 | 62 | 67                | 65 |
| 15                      | 67 | 69 | 71 | 69 | 57 | 47 | 48 | 49 | 55  | 52  | 42  | 24 | 15 | 22  | 30  | 36  | 37  | 47  | 53 | 56  | 56  | 66 | 62 | 63                | 50 |
| 16                      | 63 | 70 | 71 | 68 | 59 | 54 | 59 | 58 | 61  | 63  | 58  | 54 | 44 | 45  | 52  | 55  | 63  | 65  | 65 | 67  | 65  | 67 | 69 | 70                | 61 |
| 17                      | 70 | 73 | 75 | 73 | 66 | 68 | 75 | 79 | 88  | 89  | 83  | 83 | 75 | 58  | 51  | 53  | 55  | 58  | 60 | 63  | 68  | 67 | 70 | 73                | 70 |
| 18                      | 77 | 78 | 71 | 59 | 58 | 58 | 65 | 80 | 102 | 124 | 125 | 94 | 83 | 63  | 22  | 38  | 46  | 49  | 60 | 61  | 51  | 55 | 54 | 53                | 68 |
| 19                      | 55 | 53 | 55 | 44 | 35 | 33 | 38 | 55 | 63  | 73  | 75  | 73 | 68 | 65  | 64  | 66  | 59  | 70  | 60 | 60  | 81  | 71 | 60 | 71                | 60 |
| 20                      | 60 | 52 | 52 | 33 | 29 | 17 | 25 | 45 | 55  | 35  | 45  | 47 | 55 | 53  | 33  | 23  | 28  | 46  | 55 | 51  | 50  | 50 | 54 | 57                | 44 |
| 21                      | 49 | 53 | 47 | 43 | 38 | 33 | 22 | 33 | 40  | 45  | 60  | 59 | 60 | 60  | 65  | 73  | 80  | 63  | 63 | 65  | 66  | 63 | 63 | 63                | 54 |
| 22                      | 67 | 65 | 65 | 60 | 53 | 45 | 40 | 39 | 40  | 49  | 60  | 65 | 67 | 67  | 68  | 70  | 71  | 70  | 65 | 60  | 57  | 74 | 65 | 63                | 60 |
| 23                      | 62 | 58 | 61 | 61 | 53 | 45 | 43 | 45 | 53  | 60  | 63  | 65 | 67 | 68  | 68  | 68  | 67  | 60  | 57 | 60  | 65  | 63 | 60 | 63                | 60 |
| 24                      | 62 | 60 | 61 | 65 | 67 | 60 | 58 | 63 | 67  | 68  | 65  | 61 | 58 | 66  | 70  | 71  | 68  | 65  | 58 | 61  | 65  | 78 | 61 | 68                | 64 |
| 25                      | 68 | 69 | 68 | 68 | 64 | 50 | 53 | 53 | 59  | 65  | 59  | 55 | 57 | 60  | 60  | 51  | 43  | 49  | 57 | 61  | 65  | 67 | 68 | 69                | 60 |
| 26                      | 69 | 69 | 70 | 73 | 73 | 73 | 78 | 89 | 95  | 89  | 81  | 76 | 73 | 73  | 73  | 73  | 73  | 73  | 73 | 73  | 74  | 73 | 73 | 73                | 76 |
| 27                      | 74 | 76 | 81 | 86 | 98 | 91 | 61 | 35 | 32  | 50  | 52  | 35 | 5  | -12 | -23 | -27 | -27 | -31 | 7  | 28  | 25  | 10 | 16 | 33                | 32 |
| 28                      | 30 | 30 | 27 | 39 | 40 | 41 | 34 | 39 | 37  | 25  | 13  | 11 | 10 | 8   | -4  | 1   | 23  | -16 | 3  | -22 | -15 | 0  | 26 | 38                | 17 |
| 29                      | 45 | 25 | 31 | 28 | 27 | 30 | 36 | 40 | 45  | 42  | 33  | 22 | 35 | 49  | 49  | 36  | 34  | 38  | 38 | 45  | 41  | 45 | 55 | 54                | 38 |
| 30                      | 56 | 57 | 57 | 62 | 48 | 40 | 48 | 65 | 68  | 47  | 13  | 5  | 31 | 45  | 45  | 57  | 46  | 45  | 50 | 49  | 73  | 65 | 73 | 49                | 50 |
| 31                      | 45 | 51 | 53 | 52 | 50 | 45 | 47 | 49 | 45  | 53  | 59  | 48 | 47 | 54  | 57  | 55  | 56  | 58  | 73 | 50  | 63  | 63 | 65 | 68                | 54 |
| Среднее<br>по всем дням | 64 | 64 | 65 | 64 | 58 | 51 | 51 | 57 | 62  | 63  | 62  | 57 | 56 | 54  | 53  | 55  | 55  | 55  | 59 | 59  | 60  | 61 | 61 | 64                | 59 |

x величины, взятые по запасному в-ру

Среднемесячн. 45390

Ведомство А.Н. Уз. С.С.Р  
 Обсерватория Янги-Базар  
 Месяц январь Год 1971

Широта 41°20'N Долгота 69°37'E Элемент Вертикальная-составляющая  
Z. Боброва 45400

| 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  | 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  | Средн.<br>суточн. |     |     |
| 1                    | -7  | -6  | -4  | -2  | -2  | -6  | -7  | -8  | -8  | -6  | -4  | -4  | -7  | -6  | -6  | -6  | -5  | -8  | -6  | -6  | -6  | -6  | -5                | -6  |     |
| 2                    | -6  | -8  | -6  | -4  | -9  | -10 | -9  | -8  | -9  | -9  | -5  | -6  | -8  | -8  | -3  | -6  | -5  | -4  | -6  | -7  | -6  | -7  | -8                | -7  |     |
| 3                    | -8  | -6  | -5  | -4  | -6  | -7  | -8  | -8  | -9  | -8  | -1  | -4  | 0   | -6  | 0   | -2  | 0   | -3  | -10 | -8  | -5  | -4  | -8                | -5  |     |
| 4                    | -7  | -8  | -5  | -2  | -7  | -13 | -16 | -14 | -12 | -7  | -4  | -8  | -8  | -5  | -2  | -3  | -3  | -5  | -8  | -7  | -6  | -6  | -6                | -7  |     |
| 5                    | -6  | -5  | -3  | 0   | -2  | -3  | -4  | -4  | -1  | 0   | -1  | -5  | -6  | -5  | -3  | -4  | -4  | -5  | -6  | -6  | -6  | -7  | -8                | -4  |     |
| 6                    | -8  | -8  | -5  | -6  | -8  | -9  | -9  | -8  | -7  | -3  | -1  | -3  | -6  | -5  | -5  | -5  | -5  | -4  | -4  | -6  | -7  | -6  | -6                | -6  |     |
| 7                    | -6  | -5  | -2  | 0   | -4  | -5  | -6  | -7  | -4  | -6  | -7  | -8  | -9  | -8  | -8  | -8  | -8  | -10 | -12 | -13 | -13 | -12 | -12               | -8  |     |
| 8                    | -12 | -11 | -9  | -9  | -11 | -12 | -14 | -16 | -12 | -12 | -17 | -15 | -15 | -14 | -13 | -13 | -13 | -14 | -14 | -13 | -13 | -13 | -13               | -13 |     |
| 9                    | -12 | -12 | -10 | -8  | -9  | -12 | -17 | -17 | -13 | -9  | -10 | -14 | -13 | -12 | -12 | -12 | -11 | -11 | -11 | -11 | -12 | -13 | -13               | -12 |     |
| 10                   | -13 | -13 | -11 | -13 | -15 | -18 | -22 | -22 | -16 | -14 | -18 | -18 | -14 | -11 | -10 | -10 | -10 | -9  | -9  | -7  | -12 | -12 | -12               | -11 | -13 |
| 11                   | -11 | -10 | -10 | -6  | -7  | -8  | -12 | -14 | -11 | -8  | -10 | -8  | -5  | -6  | -5  | -1  | -7  | -4  | -3  | -4  | -4  | -4  | -5                | -4  | -7  |
| 12                   | -5  | -4  | -3  | -3  | -5  | -8  | -10 | -8  | -8  | -7  | -10 | -10 | -6  | -5  | -5  | -4  | -3  | -6  | -6  | -6  | -7  | -7  | -7                | -6  |     |
| 13                   | -7  | -8  | -8  | -8  | -15 | -19 | -18 | -15 | -10 | -12 | -12 | -16 | -13 | -11 | -10 | -13 | -12 | -13 | -13 | -12 | -13 | -12 | -12               | -12 |     |
| 14                   | -12 | -12 | -11 | -10 | -10 | -13 | -17 | -19 | -15 | -11 | -10 | -11 | -11 | -12 | -10 | -12 | -10 | -9  | -11 | -11 | -12 | -12 | -12               | -12 |     |
| 15                   | -14 | -13 | -11 | -8  | -5  | -7  | -16 | -16 | -13 | -12 | -14 | -18 | -12 | -7  | -8  | -10 | -10 | -13 | -14 | -15 | -15 | -18 | -18               | -12 |     |
| 16                   | -18 | -16 | -16 | -15 | -15 | -18 | -19 | -18 | -13 | -10 | -10 | -18 | -18 | -14 | -14 | -12 | -12 | -15 | -15 | -16 | -16 | -17 | -17               | -15 |     |
| 17                   | -17 | -16 | -16 | -18 | -18 | -17 | -19 | -18 | -16 | -18 | -19 | -21 | -21 | -21 | -18 | -16 | -16 | -15 | -15 | -16 | -16 | -16 | -17               | -17 |     |
| 18                   | -18 | -17 | -14 | -11 | -8  | -7  | -11 | -10 | -11 | -12 | -21 | -27 | -23 | -22 | -22 | -12 | -12 | -12 | -14 | -15 | -15 | -15 | -15               | -15 |     |
| 19                   | -15 | -15 | -12 | -13 | -12 | -15 | -18 | -18 | -18 | -14 | -11 | -15 | -17 | -17 | -15 | -15 | -16 | -17 | -16 | -15 | -19 | -18 | -14               | -15 |     |
| 20                   | -19 | -18 | -15 | -17 | -12 | -13 | -13 | -15 | -17 | -17 | -7  | -11 | -12 | -13 | -14 | -9  | -8  | -12 | -14 | -14 | -14 | -14 | -16               | -13 |     |
| 21                   | -16 | -14 | -13 | -14 | -16 | -15 | -18 | -15 | -14 | -10 | -7  | -11 | -12 | -14 | -14 | -13 | -15 | -16 | -16 | -16 | -18 | -16 | -16               | -14 |     |
| 22                   | -17 | -17 | -16 | -16 | -19 | -18 | -16 | -24 | -24 | -21 | -14 | -13 | -15 | -16 | -15 | -16 | -16 | -16 | -16 | -16 | -12 | -19 | -18               | -17 |     |
| 23                   | -18 | -18 | -15 | -15 | -18 | -17 | -16 | -14 | -15 | -18 | -18 | -16 | -15 | -16 | -16 | -16 | -16 | -16 | -15 | -15 | -17 | -17 | -16               | -16 |     |
| 24                   | -17 | -16 | -15 | -13 | -15 | -22 | -23 | -25 | -31 | -33 | -25 | -21 | -19 | -16 | -17 | -17 | -18 | -17 | -15 | -15 | -18 | -20 | -17               | -19 |     |
| 25                   | -19 | -20 | -18 | -14 | -14 | -18 | -23 | -26 | -23 | -21 | -21 | -19 | -17 | -16 | -16 | -16 | -15 | -14 | -15 | -15 | -16 | -17 | -18               | -18 |     |
| 26                   | -18 | -18 | -18 | -15 | -16 | -27 | -34 | -33 | -32 | -29 | -26 | -26 | -23 | -20 | -19 | -19 | -19 | -19 | -19 | -19 | -19 | -19 | -19               | -22 |     |
| 27                   | -9  | -9  | -8  | -4  | -4  | -14 | -22 | -23 | -15 | -1  | -6  | -11 | -10 | -2  | 3   | 9   | 8   | 12  | 6   | -1  | -1  | -1  | -1                | -4  |     |
| 28                   | -5  | -5  | -2  | -3  | -1  | 0   | 3   | 2   | -1  | -4  | 1   | -1  | 0   | 1   | 3   | 10  | 3   | 8   | 5   | 8   | 8   | 5   | 0                 | 2   |     |
| 29                   | -8  | -5  | -4  | -2  | -1  | 4   | 4   | -4  | -7  | -6  | -10 | -6  | -1  | 0   | -1  | -2  | 0   | -1  | 0   | -1  | -1  | -1  | -2                | -2  |     |
| 30                   | -4  | -4  | -2  | 4   | 3   | 4   | -5  | -8  | -9  | -10 | -11 | -4  | 2   | 3   | 0   | 0   | -4  | -1  | -4  | -2  | -7  | -6  | -11               | -3  |     |
| 31                   | -8  | -5  | -5  | -2  | 0   | 0   | -4  | -10 | -10 | -8  | -5  | -7  | -5  | -1  | -4  | -4  | -4  | -5  | -8  | -6  | -8  | -8  | -8                | -5  |     |
| Среднее<br>всем дням | -12 | -11 | -9  | -8  | -9  | -11 | -14 | -14 | -13 | -11 | -11 | -12 | -11 | -10 | -9  | -8  | -9  | -9  | -10 | -10 | -10 | -11 | -11               | -10 |     |

x все величины, взятые по запасному в-ру.

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

Обработал а. Гавленко

Проверил а. Зароченцева

Ведомство А. Н. Уз С. С. Р.  
Обсерватория Янги-Базар  
Месяц февраль Год 1971

Широта 41°20' N Долгота 69°37' E Элемент Склонение  
D° Боброва 4°30' +

Среднемесячн. = 4°43'8

| Время<br>мировое        | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 5    | 16   | 17   | 19   | 20   | 21   | 22   | 23   | Средн.<br>суточн. |      |
|-------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------------------|------|
| Дня                     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                   |      |
| 1                       | 12.9 | 12.5 | 12.5 | 13.7 | 13.7 | 13.7 | 14.1 | 13.3 | 13.8 | 14.1 | 14.7 | 15.3 | 14.6 | 14.4 | 15.8 | 14.4 | 14.0 | 13.7 | 13.7 | 13.7 | 13.7 | 14.1 | 14.0              | 14.0 |
| 2                       | 13.7 | 14.2 | 13.7 | 13.6 | 13.7 | 13.3 | 13.1 | 12.9 | 12.9 | 13.7 | 14.5 | 14.5 | 14.9 | 14.5 | 14.2 | 14.5 | 14.1 | 14.1 | 13.7 | 13.9 | 13.7 | 13.3 | 13.7              | 13.8 |
| 3                       | 13.3 | 13.3 | 13.6 | 14.1 | 14.5 | 14.1 | 13.3 | 12.1 | 12.1 | 12.5 | 13.3 | 13.7 | 13.6 | 13.5 | 13.5 | 13.5 | 13.7 | 13.8 | 13.7 | 13.6 | 13.5 | 13.5 | 13.3              | 13.4 |
| 4                       | 13.3 | 13.3 | 14.0 | 14.7 | 15.3 | 15.2 | 14.3 | 12.9 | 11.9 | 12.5 | 13.7 | 14.0 | 13.7 | 13.7 | 14.0 | 13.8 | 14.1 | 14.8 | 14.0 | 13.5 | 13.3 | 13.1 | 12.9              | 13.2 |
| 5                       | 13.3 | 13.2 | 13.3 | 14.1 | 14.8 | 14.8 | 13.8 | 12.9 | 11.7 | 11.7 | 12.9 | 13.3 | 12.9 | 13.2 | 13.3 | 13.3 | 13.5 | 13.4 | 13.6 | 13.7 | 13.9 | 14.5 | 14.4              | 13.9 |
| 6                       | 13.3 | 13.3 | 13.3 | 13.3 | 13.7 | 14.1 | 13.7 | 13.7 | 12.9 | 13.3 | 13.2 | 13.1 | 13.3 | 13.3 | 13.6 | 13.6 | 13.7 | 14.1 | 14.5 | 14.1 | 14.4 | 14.8 | 14.7              | 14.1 |
| 7                       | 13.7 | 13.7 | 13.5 | 13.3 | 13.7 | 14.1 | 13.7 | 12.5 | 11.7 | 12.1 | 12.9 | 12.9 | 13.2 | 13.3 | 13.7 | 13.5 | 13.6 | 13.7 | 13.9 | 13.7 | 13.7 | 13.5 | 13.2              | 12.9 |
| 8                       | 12.5 | 12.9 | 12.9 | 13.2 | 14.1 | 14.0 | 13.6 | 12.9 | 12.5 | 12.9 | 13.3 | 13.7 | 13.0 | 13.2 | 13.7 | 13.5 | 14.5 | 14.1 | 13.7 | 13.9 | 13.6 | 13.3 | 13.3              | 13.4 |
| 9                       | 12.6 | 12.9 | 12.9 | 13.1 | 13.5 | 14.1 | 13.3 | 12.5 | 11.7 | 12.0 | 12.7 | 13.0 | 12.9 | 13.3 | 14.1 | 13.7 | 13.7 | 13.5 | 13.7 | 13.7 | 13.7 | 13.3 | 13.2              | 13.2 |
| 10                      | 13.1 | 13.2 | 13.1 | 12.9 | 13.7 | 14.3 | 13.7 | 12.8 | 12.5 | 13.3 | 13.8 | 13.7 | 13.3 | 13.5 | 14.1 | 16.0 | 13.3 | 13.3 | 13.3 | 13.7 | 14.1 | 15.7 | 14.9              | 13.7 |
| 11                      | 13.3 | 13.7 | 14.1 | 14.5 | 14.9 | 15.3 | 14.7 | 13.5 | 12.9 | 12.9 | 13.2 | 13.6 | 12.9 | 13.2 | 12.9 | 13.1 | 13.3 | 15.1 | 14.2 | 14.5 | 14.1 | 13.3 | 13.0              | 13.7 |
| 12                      | 13.7 | 13.7 | 13.3 | 13.3 | 13.3 | 13.7 | 13.3 | 12.5 | 12.1 | 12.9 | 14.0 | 14.0 | 13.3 | 13.7 | 14.0 | 14.1 | 14.4 | 14.4 | 13.9 | 14.1 | 14.1 | 13.7 | 14.0              | 13.6 |
| 13                      | 12.9 | 12.9 | 13.2 | 13.3 | 13.3 | 13.3 | 13.3 | 12.5 | 11.9 | 12.5 | 13.0 | 13.6 | 13.5 | 13.5 | 13.3 | 13.3 | 13.3 | 13.6 | 13.5 | 13.7 | 13.6 | 13.5 | 13.5              | 13.2 |
| 14                      | 13.3 | 13.1 | 12.9 | 12.9 | 12.9 | 12.1 | 10.9 | 10.3 | 9.7  | 11.3 | 12.5 | 12.8 | 12.9 | 13.7 | 14.1 | 13.5 | 16.4 | 16.5 | 15.3 | 15.7 | 15.3 | 15.2 | 14.9              | 13.5 |
| 15                      | 14.2 | 13.7 | 14.5 | 14.5 | 14.1 | 13.3 | 13.1 | 11.3 | 12.2 | 12.0 | 13.5 | 13.1 | 12.7 | 13.7 | 12.9 | 14.5 | 17.8 | 16.0 | 14.5 | 17.3 | 16.0 | 15.6 | 14.5              | 14.2 |
| 16                      | 13.3 | 11.6 | 14.6 | 15.7 | 15.3 | 14.8 | 13.3 | 12.1 | 11.8 | 12.5 | 14.1 | 14.4 | 14.7 | 14.5 | 14.4 | 15.8 | 14.9 | 14.9 | 15.3 | 16.1 | 14.5 | 14.5 | 15.3              | 14.3 |
| 17                      | 14.5 | 13.6 | 13.9 | 14.1 | 14.3 | 13.7 | 12.1 | 10.1 | 10.2 | 11.1 | 12.6 | 14.9 | 14.9 | 15.6 | 14.5 | 14.6 | 14.8 | 14.9 | 14.5 | 14.2 | 14.4 | 14.5 | 14.1              | 13.8 |
| 18                      | 15.4 | 15.1 | 14.9 | 15.3 | 15.4 | 13.6 | 12.7 | 11.5 | 11.6 | 12.5 | 13.8 | 13.8 | 14.3 | 14.5 | 13.9 | 14.2 | 13.7 | 14.0 | 15.8 | 14.9 | 14.3 | 14.3 | 13.0              | 14.0 |
| 19                      | 14.9 | 14.6 | 14.5 | 16.1 | 16.2 | 15.7 | 14.7 | 13.7 | 12.2 | 12.1 | 13.6 | 14.2 | 13.9 | 13.7 | 13.6 | 13.7 | 13.7 | 13.7 | 13.7 | 14.0 | 13.9 | 14.1 | 13.7              | 14.1 |
| 20                      | 14.1 | 14.6 | 14.6 | 15.7 | 16.3 | 15.6 | 14.4 | 12.9 | 10.9 | 11.7 | 12.5 | 13.3 | 13.3 | 13.3 | 13.7 | 13.8 | 14.1 | 14.5 | 15.7 | 14.5 | 16.1 | 16.6 | 15.3              | 14.2 |
| 21                      | 14.6 | 14.2 | 14.6 | 15.3 | 16.1 | 15.9 | 15.2 | 13.3 | 11.9 | 11.8 | 12.3 | 13.1 | 12.9 | 13.3 | 14.3 | 14.1 | 14.2 | 14.7 | 14.5 | 14.5 | 14.5 | 14.5 | 14.4              | 14.1 |
| 22                      | 14.2 | 14.1 | 14.4 | 15.8 | 16.4 | 14.9 | 13.3 | 11.7 | 10.1 | 10.1 | 11.3 | 12.4 | 12.9 | 13.2 | 13.4 | 13.4 | 13.5 | 13.7 | 13.7 | 13.8 | 13.9 | 13.9 | 13.7              | 13.4 |
| 23                      | 13.8 | 13.9 | 13.9 | 15.0 | 16.4 | 16.5 | 15.1 | 12.5 | 10.4 | 9.2  | 10.1 | 11.7 | 12.5 | 12.5 | 13.1 | 13.2 | 12.9 | 13.3 | 14.8 | 14.9 | 16.3 | 18.8 | 18.5              | 17.7 |
| 24                      | 14.9 | 14.5 | 14.9 | 15.2 | 15.1 | 14.5 | 13.7 | 12.5 | 11.3 | 11.5 | 12.6 | 13.7 | 13.3 | 12.9 | 12.5 | 12.6 | 12.6 | 13.1 | 13.6 | 13.9 | 13.9 | 13.7 | 14.1              | 13.6 |
| 25                      | 14.8 | 14.1 | 14.1 | 15.7 | 16.9 | 17.1 | 15.3 | 13.3 | 11.7 | 11.1 | 12.0 | 13.5 | 13.6 | 13.3 | 18.9 | 20.7 | 20.1 | 20.5 | 20.5 | 15.5 | 14.9 | 14.4 | 11.7              | 15.3 |
| 26                      | 14.5 | 14.5 | 13.2 | 11.3 | 13.1 | 14.4 | 14.8 | 13.7 | 12.5 | 12.5 | 13.7 | 14.5 | 13.6 | 14.5 | 15.7 | 14.1 | 13.9 | 15.1 | 15.2 | 14.5 | 14.1 | 13.9 | 14.1              | 14.0 |
| 27                      | 13.2 | 14.1 | 14.9 | 15.9 | 16.1 | 15.3 | 13.7 | 11.7 | 10.5 | 10.5 | 11.9 | 12.9 | 13.9 | 15.3 | 15.7 | 14.1 | 13.7 | 13.9 | 14.1 | 14.9 | 15.3 | 14.5 | 14.1              | 12.2 |
| 28                      | 13.8 | 13.3 | 13.3 | 14.0 | 13.3 | 14.0 | 12.5 | 11.7 | 10.9 | 11.1 | 11.7 | 12.7 | 13.3 | 13.7 | 13.9 | 13.1 | 13.2 | 13.3 | 13.7 | 13.7 | 13.8 | 13.9 | 13.7              | 13.1 |
| 29                      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                   |      |
| 30                      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                   |      |
| 31                      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                   |      |
| Среднее<br>по всем дням | 13.8 | 13.6 | 13.8 | 14.3 | 14.6 | 14.5 | 13.7 | 12.5 | 11.7 | 12.0 | 13.0 | 13.6 | 13.5 | 13.7 | 14.1 | 14.2 | 14.3 | 14.4 | 14.4 | 14.4 | 14.3 | 14.4 | 14.1              | 13.8 |

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

Обработал А. Гаврилов Проверил А. Зарогинев

Ведомство А. Н. Уз С. С. Р.Обсерватория Инж. БазарМесяц февраль Год 1971Широта 41°20'NДолгота 69°37'E элемент горизонтальная составляющая"Н" Боброва = 25800 +Среднемесячн. = 25861

| 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 | Средн.<br>суточн. |    |    |
|-------------------------|----|----|----|----|----|----|-----|----|-----|----|----|----|----|----|-----|-----|----|-----|-----|----|----|----|-------------------|----|----|
| Дня                     |    |    |    |    |    |    |     |    |     |    |    |    |    |    |     |     |    |     |     |    |    |    |                   |    |    |
| 1                       | 68 | 68 | 73 | 60 | 60 | 56 | 53  | 58 | 50  | 51 | 55 | 51 | 48 | 44 | 45  | 66  | 53 | 53  | 59  | 58 | 59 | 59 | 58                | 55 | 57 |
| 2                       | 55 | 51 | 51 | 58 | 58 | 57 | 58  | 61 | 65  | 68 | 65 | 58 | 53 | 53 | 55  | 63  | 61 | 58  | 68  | 62 | 61 | 63 | 61                | 62 | 59 |
| 3                       | 61 | 60 | 61 | 65 | 61 | 53 | 53  | 62 | 69  | 73 | 77 | 69 | 63 | 64 | 65  | 65  | 65 | 65  | 65  | 65 | 65 | 65 | 66                | 66 | 64 |
| 4                       | 68 | 70 | 70 | 69 | 70 | 68 | 67  | 68 | 71  | 75 | 70 | 68 | 68 | 68 | 65  | 59  | 58 | 68  | 68  | 71 | 73 | 76 | 79                | 72 | 69 |
| 5                       | 68 | 70 | 71 | 75 | 68 | 61 | 60  | 71 | 83  | 85 | 71 | 65 | 68 | 72 | 73  | 73  | 73 | 73  | 73  | 73 | 73 | 69 | 68                | 71 |    |
| 6                       | 70 | 73 | 71 | 73 | 73 | 71 | 68  | 67 | 75  | 77 | 74 | 73 | 63 | 65 | 65  | 64  | 68 | 56  | 60  | 63 | 67 | 63 | 63                | 68 | 68 |
| 7                       | 69 | 73 | 71 | 73 | 79 | 78 | 78  | 77 | 75  | 73 | 71 | 73 | 69 | 73 | 72  | 71  | 74 | 75  | 73  | 75 | 75 | 73 | 75                | 75 | 74 |
| 8                       | 85 | 83 | 76 | 75 | 75 | 78 | 78  | 87 | 90  | 85 | 80 | 71 | 70 | 71 | 63  | 65  | 71 | 72  | 69  | 69 | 73 | 82 | 83                | 80 | 76 |
| 9                       | 78 | 78 | 80 | 80 | 78 | 83 | 80  | 70 | 58  | 70 | 75 | 73 | 61 | 50 | 38  | 50  | 68 | 70  | 70  | 69 | 69 | 69 | 69                | 65 | 69 |
| 10                      | 67 | 68 | 73 | 77 | 83 | 85 | 80  | 80 | 77  | 75 | 73 | 65 | 59 | 63 | 60  | 60  | 63 | 69  | 70  | 70 | 78 | 63 | 58                | 58 | 70 |
| 11                      | 55 | 55 | 58 | 60 | 65 | 65 | 65  | 63 | 67  | 65 | 73 | 73 | 73 | 71 | 73  | 69  | 66 | 62  | 62  | 61 | 65 | 72 | 73                | 74 | 66 |
| 12                      | 73 | 73 | 71 | 75 | 75 | 77 | 77  | 79 | 85  | 85 | 80 | 75 | 71 | 63 | 59  | 62  | 61 | 58  | 63  | 65 | 70 | 70 | 66                | 68 | 71 |
| 13                      | 69 | 73 | 75 | 77 | 83 | 83 | 80  | 78 | 80  | 77 | 75 | 73 | 70 | 71 | 73  | 71  | 70 | 71  | 71  | 71 | 73 | 73 | 73                | 75 | 74 |
| 14                      | 76 | 82 | 83 | 82 | 83 | 93 | 103 | 98 | 107 | 90 | 76 | 82 | 77 | 38 | 16  | 13  | 25 | 30  | 41  | 57 | 57 | 45 | 45                | 51 | 65 |
| 15                      | 53 | 53 | 53 | 55 | 60 | 63 | 57  | 54 | 51  | 53 | 58 | 55 | 52 | 49 | 63  | 39  | 32 | 34  | 67  | 43 | 33 | 43 | 60                | 55 | 51 |
| 16                      | 57 | 50 | 49 | 47 | 45 | 41 | 40  | 35 | 35  | 38 | 47 | 50 | 48 | 45 | 43  | 60  | 47 | 43  | 53  | 61 | 54 | 70 | 48                | 48 | 48 |
| 17                      | 49 | 46 | 52 | 57 | 57 | 45 | 51  | 61 | 60  | 60 | 56 | 53 | 51 | 57 | 52  | 54  | 53 | 51  | 51  | 51 | 53 | 57 | 63                | 54 | 54 |
| 18                      | 53 | 55 | 53 | 51 | 42 | 49 | 53  | 55 | 51  | 60 | 63 | 57 | 47 | 45 | 47  | 45  | 53 | 70  | 55  | 53 | 56 | 59 | 63                | 77 | 55 |
| 19                      | 68 | 61 | 68 | 60 | 53 | 54 | 53  | 48 | 60  | 67 | 67 | 61 | 58 | 61 | 62  | 60  | 61 | 61  | 63  | 63 | 65 | 63 | 65                | 65 | 61 |
| 20                      | 65 | 63 | 61 | 60 | 55 | 53 | 45  | 47 | 51  | 59 | 63 | 63 | 63 | 63 | 63  | 63  | 59 | 58  | 58  | 61 | 65 | 55 | 55                | 55 | 58 |
| 21                      | 58 | 58 | 58 | 61 | 56 | 48 | 44  | 41 | 44  | 45 | 45 | 48 | 47 | 52 | 53  | 55  | 51 | 53  | 55  | 60 | 61 | 60 | 60                | 62 | 53 |
| 22                      | 65 | 65 | 66 | 61 | 55 | 57 | 65  | 63 | 55  | 65 | 64 | 65 | 67 | 68 | 70  | 69  | 70 | 70  | 70  | 71 | 71 | 71 | 70                | 72 | 66 |
| 23                      | 70 | 70 | 70 | 75 | 73 | 73 | 73  | 69 | 71  | 72 | 78 | 81 | 83 | 81 | 73  | 65  | 63 | 72  | 58  | 57 | 75 | 44 | 41                | 35 | 68 |
| 24                      | 39 | 40 | 43 | 49 | 52 | 55 | 63  | 66 | 70  | 70 | 68 | 61 | 59 | 63 | 65  | 65  | 69 | 71  | 71  | 71 | 68 | 68 | 67                | 71 | 62 |
| 25                      | 65 | 51 | 48 | 49 | 39 | 31 | 37  | 38 | 51  | 58 | 68 | 55 | 48 | 63 | -10 | -32 | 3  | -11 | -14 | 6  | 31 | 32 | 38                | 34 | 32 |
| 26                      | 35 | 35 | 37 | 30 | 41 | 45 | 46  | 43 | 35  | 23 | 17 | 32 | 33 | 33 | 25  | 28  | 47 | 43  | 39  | 45 | 49 | 53 | 49                | 49 | 38 |
| 27                      | 50 | 49 | 51 | 47 | 39 | 34 | 35  | 38 | 46  | 52 | 60 | 60 | 57 | 49 | 43  | 50  | 55 | 57  | 57  | 61 | 57 | 51 | 56                | 69 | 51 |
| 28                      | 63 | 63 | 63 | 53 | 51 | 57 | 55  | 55 | 58  | 58 | 58 | 60 | 59 | 59 | 60  | 63  | 63 | 65  | 65  | 65 | 65 | 67 | 67                | 65 | 61 |
| 29                      |    |    |    |    |    |    |     |    |     |    |    |    |    |    |     |     |    |     |     |    |    |    |                   |    |    |
| 30                      |    |    |    |    |    |    |     |    |     |    |    |    |    |    |     |     |    |     |     |    |    |    |                   |    |    |
| 31                      |    |    |    |    |    |    |     |    |     |    |    |    |    |    |     |     |    |     |     |    |    |    |                   |    |    |
| Среднее<br>по всем дням | 63 | 62 | 63 | 63 | 62 | 61 | 61  | 62 | 64  | 65 | 65 | 63 | 60 | 59 | 55  | 55  | 57 | 58  | 59  | 61 | 63 | 62 | 62                | 62 | 61 |

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

Обработал А. ГавленкоПроверил А. Зарогинцева



Ведомство А. Н. Уз С.С.Р  
Обсерватория Янги-Базар  
Месяц февраль Год 1971

Широта 41°20'N Долгота 69°37'E Элемент вертикальная составляющая  
З. Боброва 45400 Среднемесячн. -45391

| 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  | Средн.<br>суточн. |     |
|-------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------------------|-----|
| 1                       | -8  | -8  | -8  | -6  | -1  | 0   | -1  | 3   | 1   | 1   | 0   | -3  | -4  | -3  | -2  | 2   | -6  | -4  | -5  | -5  | -5  | -6  | -6                | -3  |
| 2                       | -5  | -6  | -6  | -4  | -6  | -6  | -9  | -11 | -8  | -4  | -5  | -7  | -6  | -5  | -5  | -4  | -6  | -6  | -4  | -8  | -6  | -6  | -6                | -6  |
| 3                       | -7  | -6  | -5  | -2  | -5  | -6  | -11 | -12 | -13 | -10 | -9  | -12 | -9  | -8  | -8  | -7  | -8  | -7  | -8  | -7  | -8  | -8  | -8                | -8  |
| 4                       | -8  | -6  | -6  | -4  | -2  | -2  | -3  | -5  | -10 | -9  | -9  | -9  | -8  | -8  | -8  | -8  | -6  | -4  | -6  | -6  | -7  | -8  | -9                | -7  |
| 5                       | -10 | -9  | -9  | -8  | -9  | -11 | -14 | -16 | -14 | -13 | -13 | -14 | -12 | -9  | -9  | -9  | -9  | -9  | -9  | -8  | -9  | -10 | -10               | -10 |
| 6                       | -10 | -10 | -10 | -6  | -4  | -6  | -10 | -10 | -13 | -11 | -10 | -10 | -11 | -8  | -9  | -8  | -7  | -8  | -6  | -6  | -6  | -8  | -8                | -8  |
| 7                       | -9  | -9  | -10 | -8  | -4  | -5  | -10 | -10 | -10 | -9  | -9  | -11 | -11 | -10 | -10 | -10 | -9  | -9  | -9  | -9  | -10 | -10 | -11               | -9  |
| 8                       | -11 | -13 | -12 | -9  | -7  | -8  | -8  | -11 | -16 | -17 | -14 | -14 | -11 | -10 | -11 | -9  | -8  | -9  | -9  | -9  | -9  | -10 | -10               | -11 |
| 9                       | -13 | -13 | -13 | -11 | -10 | -10 | -13 | -16 | -21 | -14 | -9  | -11 | -13 | -10 | -9  | -5  | -6  | -7  | -8  | -9  | -9  | -9  | -10               | -11 |
| 10                      | -10 | -10 | -11 | -9  | -4  | -5  | -13 | -11 | -11 | -8  | -6  | -10 | -11 | -9  | -9  | -8  | -8  | -8  | -9  | -9  | -8  | -12 | -11               | -9  |
| 11                      | -10 | -9  | -8  | -5  | -4  | -6  | -13 | -16 | -15 | -15 | -12 | -12 | -12 | -10 | -11 | -11 | -10 | -9  | -9  | -9  | -8  | -9  | -10               | -10 |
| 12                      | -11 | -12 | -13 | -12 | -15 | -16 | -17 | -17 | -12 | -10 | -9  | -13 | -14 | -13 | -11 | -9  | -11 | -10 | -9  | -9  | -10 | -10 | -11               | -12 |
| 13                      | -12 | -10 | -12 | -12 | -15 | -20 | -19 | -20 | -20 | -16 | -13 | -13 | -13 | -11 | -12 | -12 | -11 | -11 | -10 | -11 | -11 | -11 | -11               | -13 |
| 14                      | -12 | -12 | -13 | -15 | -14 | -12 | -13 | -19 | -19 | -22 | -17 | -12 | -14 | -16 | -9  | -4  | 3   | -1  | 0   | -3  | -7  | -9  | -8                | -11 |
| 15                      | -8  | -9  | -10 | -9  | -9  | -9  | -13 | -16 | -20 | -18 | -12 | -12 | -13 | -6  | -6  | -9  | -1  | -1  | -2  | -8  | -6  | -4  | -8                | -9  |
| 16                      | -12 | -13 | -13 | -10 | -12 | -14 | -15 | -21 | -13 | -5  | 0   | -1  | -5  | -6  | -6  | -2  | -8  | -5  | -4  | -5  | -6  | -7  | -11               | -8  |
| 17                      | -9  | -9  | -6  | -4  | -6  | -9  | -7  | -12 | -16 | -8  | -6  | -7  | -9  | -5  | -7  | -5  | -8  | -5  | -6  | -6  | -6  | -6  | -9                | -7  |
| 18                      | -9  | -8  | -6  | -4  | -7  | -12 | -14 | -16 | -10 | -4  | -1  | -5  | -7  | -6  | -5  | -5  | -3  | -4  | -9  | -6  | -6  | -6  | -6                | -7  |
| 19                      | -10 | -11 | -10 | -9  | -8  | -7  | -10 | -13 | -8  | -4  | -2  | -5  | -8  | -8  | -8  | -8  | -7  | -8  | -8  | -8  | -9  | -8  | -9                | -8  |
| 20                      | -9  | -9  | -8  | -6  | -14 | -19 | -19 | -19 | -18 | -11 | -8  | -7  | -9  | -8  | -9  | -9  | -8  | -8  | -6  | -5  | -9  | -10 | -9                | -10 |
| 21                      | -8  | -9  | -7  | -6  | -10 | -16 | -21 | -20 | -18 | -15 | -10 | -8  | -9  | -6  | -6  | -7  | -6  | -5  | -5  | -6  | -7  | -8  | -8                | -10 |
| 22                      | -9  | -9  | -9  | -8  | -11 | -14 | -18 | -27 | -27 | -18 | -10 | -7  | -8  | -9  | -9  | -10 | -10 | -10 | -10 | -10 | -10 | -10 | -10               | -12 |
| 23                      | -11 | -11 | -9  | -4  | -6  | -15 | -26 | -33 | -31 | -21 | -12 | -9  | -12 | -13 | -13 | -13 | -8  | -8  | -9  | -9  | -8  | -14 | -10               | -13 |
| 24                      | -8  | -7  | -2  | -2  | -4  | -4  | -6  | -17 | -17 | -11 | -6  | -10 | -10 | -9  | -9  | -9  | -8  | -7  | -7  | -8  | -9  | -8  | -10               | -8  |
| 25                      | -14 | -16 | -10 | -2  | -4  | -8  | -14 | -17 | -16 | -13 | -8  | -10 | -10 | -8  | -12 | 0   | 10  | 5   | 2   | 4   | -1  | -7  | -8                | -7  |
| 26                      | -5  | -5  | -4  | -5  | -6  | -8  | -12 | -19 | -18 | -10 | -2  | 3   | -1  | -1  | -2  | -1  | 0   | -4  | -4  | -3  | -4  | -5  | -6                | -5  |
| 27                      | -6  | -6  | -2  | -2  | -7  | -11 | -16 | -14 | -13 | -9  | -5  | -3  | -6  | -6  | -6  | -5  | -5  | -6  | -6  | -7  | -9  | -8  | -7                | -7  |
| 28                      | -10 | -9  | -8  | -7  | -7  | -12 | -21 | -21 | -18 | -11 | -6  | -4  | -6  | -6  | -7  | -8  | -8  | -8  | -8  | -8  | -8  | -9  | -9                | -10 |
| 29                      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                   |     |
| 30                      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                   |     |
| 31                      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                   |     |
| Среднее<br>по всем дням | -9  | -9  | -9  | -7  | -8  | -10 | -13 | -16 | -15 | -11 | -8  | -8  | -9  | -8  | -8  | -7  | -6  | -6  | -6  | -7  | -8  | -8  | -9                | -9  |

Ведомство А.Н. Уз. С.С.Р  
Обсерватория Янги-Базар  
Месяц март Год 1971

Широта 41°20'N Долгота 69°37'E элемент Склонение  
„D“ Боброва = 4°30 + =

Среднемесечн. = 4°43'6

| 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   | Средн.<br>суточн. |      |
|-------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------------------|------|
| Дня                     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                   |      |
| 1                       | 13.8 | 13.8 | 14.1 | 15.4 | 16.5 | 16.6 | 15.4 | 13.7 | 12.6 | 11.8 | 12.4 | 13.0 | 13.3 | 13.4 | 13.7 | 13.4 | 13.4 | 13.6 | 13.6 | 13.6 | 13.6 | 13.7 | 13.5              | 13.8 |
| 2                       | 13.4 | 13.2 | 13.4 | 14.1 | 15.0 | 14.9 | 14.5 | 12.9 | 11.9 | 11.5 | 12.2 | 13.0 | 13.0 | 13.0 | 13.3 | 13.0 | 13.1 | 13.8 | 13.8 | 14.6 | 15.5 | 15.5 | 15.4              | 13.6 |
| 3                       | 14.7 | 14.2 | 13.3 | 13.8 | 14.2 | 13.4 | 12.2 | 11.0 | 10.8 | 11.0 | 12.3 | 13.0 | 13.0 | 13.0 | 13.3 | 13.9 | 13.4 | 13.6 | 13.9 | 15.0 | 15.2 | 15.4 | 16.0              | 13.5 |
| 4                       | 15.0 | 14.5 | 13.4 | 14.4 | 14.9 | 14.6 | 12.6 | 11.7 | 10.2 | 10.6 | 11.8 | 14.6 | 14.2 | 14.2 | 14.6 | 15.0 | 15.8 | 14.2 | 14.6 | 14.4 | 14.2 | 14.3 | 14.2              | 13.9 |
| 5                       | 14.2 | 14.0 | 14.2 | 15.4 | 16.2 | 15.8 | 13.8 | 11.9 | 11.4 | 11.8 | 12.6 | 13.4 | 13.4 | 13.8 | 13.8 | 14.2 | 14.0 | 13.6 | 13.7 | 13.8 | 13.7 | 13.8 | 13.4              | 13.7 |
| 6                       | 13.8 | 14.1 | 15.0 | 16.4 | 16.6 | 15.4 | 13.3 | 11.8 | 10.6 | 11.2 | 12.2 | 13.4 | 13.4 | 13.0 | 13.0 | 13.4 | 13.4 | 13.8 | 13.8 | 13.8 | 13.8 | 14.2 | 14.6              | 13.7 |
| 7                       | 14.7 | 14.2 | 14.6 | 15.3 | 15.2 | 14.4 | 13.0 | 12.0 | 10.7 | 10.4 | 11.6 | 12.6 | 13.2 | 13.0 | 13.1 | 13.2 | 13.7 | 13.7 | 13.7 | 13.4 | 13.5 | 13.6 | 13.8              | 13.4 |
| 8                       | 13.4 | 13.4 | 13.1 | 14.0 | 15.6 | 15.4 | 13.6 | 11.5 | 10.7 | 10.9 | 12.2 | 13.6 | 13.2 | 12.3 | 13.1 | 13.0 | 13.8 | 14.6 | 14.6 | 13.8 | 13.7 | 13.0 | 12.8              | 13.3 |
| 9                       | 13.0 | 13.4 | 13.8 | 15.2 | 16.3 | 16.3 | 14.2 | 11.8 | 9.8  | 10.1 | 11.2 | 12.9 | 13.4 | 13.2 | 13.4 | 13.2 | 13.0 | 13.8 | 13.8 | 13.6 | 13.6 | 13.4 | 13.4              | 13.3 |
| 10                      | 12.7 | 12.2 | 13.3 | 14.8 | 16.6 | 16.2 | 13.8 | 11.8 | 10.9 | 11.4 | 12.2 | 13.8 | 13.8 | 14.2 | 16.2 | 13.5 | 15.4 | 15.7 | 14.4 | 14.5 | 13.8 | 13.4 | 13.4              | 13.8 |
| 11                      | 13.1 | 13.1 | 13.4 | 14.7 | 15.4 | 14.6 | 12.4 | 10.6 | 9.6  | 10.1 | 11.8 | 13.8 | 13.6 | 13.0 | 13.3 | 14.2 | 14.0 | 13.1 | 13.2 | 13.1 | 13.1 | 13.0 | 13.0              | 13.0 |
| 12                      | 13.0 | 13.4 | 15.0 | 16.9 | 18.0 | 17.0 | 14.3 | 11.4 | 10.2 | 10.5 | 11.9 | 12.7 | 14.7 | 14.2 | 13.1 | 13.7 | 16.1 | 16.7 | 16.7 | 19.4 | 20.2 | 16.5 | 13.0              | 14.7 |
| 13                      | 14.2 | 13.3 | 15.1 | 16.6 | 16.9 | 15.5 | 12.6 | 11.1 | 10.0 | 9.8  | 10.9 | 14.6 | 13.0 | 12.6 | 14.6 | 14.9 | 15.0 | 16.1 | 16.1 | 16.6 | 15.8 | 14.4 | 13.9              | 14.0 |
| 14                      | 13.4 | 14.5 | 15.8 | 16.6 | 17.4 | 16.1 | 13.8 | 11.8 | 9.9  | 10.1 | 11.4 | 13.8 | 15.8 | 14.6 | 14.2 | 13.8 | 14.2 | 14.2 | 14.2 | 14.8 | 14.2 | 12.7 | 11.8              | 13.9 |
| 15                      | 13.4 | 14.6 | 14.7 | 14.2 | 14.6 | 14.6 | 13.0 | 12.2 | 11.8 | 11.8 | 12.5 | 14.4 | 14.6 | 14.4 | 14.9 | 14.9 | 15.0 | 15.4 | 14.6 | 14.2 | 14.2 | 13.8 | 13.8              | 14.0 |
| 16                      | 13.4 | 13.3 | 14.9 | 16.4 | 17.3 | 16.4 | 14.1 | 12.2 | 10.7 | 11.0 | 12.6 | 13.6 | 15.0 | 14.2 | 14.3 | 15.4 | 13.8 | 13.4 | 13.8 | 14.0 | 13.0 | 13.1 | 14.2              | 13.9 |
| 17                      | 12.6 | 14.2 | 15.0 | 16.2 | 16.7 | 16.0 | 14.6 | 12.5 | 10.7 | 10.6 | 10.6 | 12.6 | 13.1 | 13.4 | 13.6 | 13.8 | 13.8 | 14.5 | 14.5 | 14.6 | 15.0 | 15.4 | 15.1              | 14.0 |
| 18                      | 14.7 | 14.7 | 16.2 | 18.2 | 18.6 | 16.6 | 13.8 | 11.8 | 10.2 | 10.2 | 11.4 | 12.3 | 13.0 | 13.0 | 13.0 | 13.6 | 14.2 | 14.1 | 14.1 | 14.0 | 13.5 | 13.1 | 13.8              | 14.2 |
| 19                      | 13.7 | 13.8 | 15.0 | 16.6 | 16.6 | 15.0 | 13.0 | 11.0 | 9.8  | 10.2 | 11.4 | 12.2 | 12.1 | 13.2 | 12.7 | 13.0 | 15.5 | 15.3 | 15.3 | 15.0 | 15.8 | 13.6 | 13.4              | 13.7 |
| 20                      | 15.2 | 17.0 | 17.2 | 17.9 | 17.1 | 15.0 | 12.2 | 11.4 | 11.0 | 11.4 | 11.8 | 12.6 | 13.1 | 13.0 | 13.4 | 13.2 | 13.3 | 13.6 | 13.6 | 13.8 | 13.8 | 14.0 | 14.8              | 13.9 |
| 21                      | 14.5 | 14.2 | 15.4 | 17.3 | 17.4 | 15.0 | 12.7 | 10.7 | 9.6  | 10.3 | 11.8 | 12.8 | 13.4 | 13.2 | 13.1 | 13.4 | 12.4 | 13.8 | 13.8 | 13.8 | 13.8 | 13.7 | 13.6              | 13.5 |
| 22                      | 14.0 | 14.2 | 15.7 | 17.3 | 17.3 | 15.8 | 12.6 | 10.7 | 9.4  | 9.4  | 10.6 | 11.9 | 13.2 | 12.9 | 12.6 | 12.9 | 13.0 | 13.4 | 13.4 | 13.4 | 13.8 | 13.8 | 13.8              | 13.3 |
| 23                      | 13.8 | 13.9 | 15.0 | 17.2 | 17.9 | 16.6 | 12.5 | 9.0  | 8.2  | 9.4  | 11.0 | 12.2 | 13.3 | 13.0 | 12.6 | 12.6 | 12.6 | 13.8 | 14.4 | 13.1 | 13.4 | 13.1 | 13.0              | 13.1 |
| 24                      | 13.0 | 13.4 | 14.0 | 15.8 | 16.4 | 14.6 | 11.5 | 9.4  | 9.6  | 10.2 | 11.4 | 12.0 | 12.3 | 12.6 | 13.0 | 13.0 | 13.4 | 16.2 | 14.9 | 14.4 | 13.4 | 12.6 | 11.4              | 13.1 |
| 25                      | 12.4 | 14.0 | 15.8 | 17.9 | 18.6 | 16.6 | 13.8 | 11.0 | 10.2 | 10.6 | 11.0 | 13.0 | 13.8 | 13.3 | 13.4 | 13.5 | 14.1 | 14.6 | 14.6 | 14.1 | 13.5 | 12.7 | 12.9              | 13.7 |
| 26                      | 13.0 | 12.8 | 14.6 | 16.8 | 17.6 | 16.6 | 14.6 | 11.4 | 9.4  | 8.8  | 10.0 | 11.3 | 12.5 | 13.8 | 13.2 | 13.6 | 14.2 | 14.1 | 14.1 | 14.2 | 13.9 | 13.4 | 13.0              | 13.3 |
| 27                      | 13.0 | 13.4 | 15.4 | 17.8 | 18.2 | 15.8 | 11.8 | 9.4  | 7.7  | 7.4  | 9.0  | 11.8 | 13.6 | 15.1 | 14.2 | 13.7 | 13.8 | 13.7 | 13.7 | 13.2 | 13.4 | 13.3 | 13.0              | 13.1 |
| 28                      | 12.6 | 13.4 | 15.4 | 17.0 | 17.4 | 16.2 | 13.6 | 9.3  | 6.5  | 7.0  | 9.0  | 11.3 | 13.3 | 13.3 | 13.0 | 12.9 | 12.9 | 13.4 | 13.4 | 13.1 | 13.4 | 13.4 | 13.3              | 12.8 |
| 29                      | 13.0 | 13.4 | 15.1 | 17.3 | 18.2 | 16.8 | 13.8 | 9.8  | 7.4  | 7.8  | 9.8  | 11.7 | 13.0 | 13.0 | 12.6 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.4 | 13.4 | 13.4              | 13.0 |
| 30                      | 13.4 | 13.8 | 15.4 | 17.0 | 18.1 | 17.0 | 14.2 | 10.6 | 8.6  | 9.0  | 10.2 | 11.8 | 12.8 | 13.0 | 13.0 | 13.2 | 13.2 | 14.0 | 14.6 | 16.1 | 14.3 | 14.1 | 13.4              | 13.5 |
| 31                      | 13.2 | 13.8 | 15.4 | 15.6 | 15.3 | 14.6 | 12.6 | 11.3 | 10.2 | 9.7  | 10.2 | 11.2 | 12.2 | 12.5 | 14.6 | 14.6 | 15.2 | 16.5 | 18.2 | 16.6 | 15.2 | 15.0 | 14.9              | 13.9 |
| Среднее<br>по всем дням | 13.6 | 13.8 | 14.8 | 16.1 | 16.7 | 15.7 | 13.4 | 11.2 | 10.0 | 10.2 | 11.3 | 12.8 | 13.4 | 13.4 | 13.5 | 13.6 | 14.0 | 14.2 | 14.2 | 14.4 | 14.3 | 13.8 | 13.7              | 13.8 |

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

Обработал Зарогенцева Проверил Гавленко

Редомство А. Н. Уз. С. С. Р.  
Обсерватория Янги-Базар  
Месяц март Год 1971

Широта 41°20'N Долгота 69°37'E элемент горизонтальная составляющая

Н" Боброва 25800 + Среднемесячн. 25865

| Время<br>мировое        | 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10  | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
|-------------------------|----|----|----|----|----|----|----|----|----|-----|----|----|----|----|----|----|----|
| 1                       | 63 | 66 | 71 | 70 | 58 | 54 | 55 | 55 | 57 | 63  | 66 | 69 | 71 | 71 | 67 | 69 | 68 |
| 2                       | 73 | 77 | 83 | 85 | 70 | 70 | 71 | 69 | 71 | 78  | 78 | 75 | 73 | 70 | 67 | 69 | 67 |
| 3                       | 63 | 65 | 71 | 73 | 73 | 66 | 63 | 65 | 73 | 77  | 75 | 69 | 65 | 68 | 68 | 70 | 75 |
| 4                       | 58 | 60 | 63 | 59 | 60 | 65 | 67 | 63 | 67 | 70  | 69 | 49 | 43 | 30 | 23 | 25 | 27 |
| 5                       | 60 | 63 | 68 | 68 | 68 | 66 | 63 | 61 | 59 | 68  | 71 | 70 | 65 | 65 | 61 | 52 | 53 |
| 6                       | 68 | 67 | 67 | 58 | 55 | 65 | 70 | 71 | 78 | 77  | 77 | 74 | 67 | 68 | 70 | 68 | 67 |
| 7                       | 65 | 68 | 68 | 63 | 60 | 60 | 60 | 65 | 77 | 88  | 91 | 85 | 73 | 63 | 60 | 63 | 57 |
| 8                       | 83 | 81 | 76 | 81 | 78 | 83 | 85 | 81 | 78 | 81  | 79 | 59 | 54 | 62 | 63 | 65 | 59 |
| 9                       | 69 | 71 | 73 | 75 | 70 | 61 | 58 | 55 | 66 | 69  | 77 | 75 | 72 | 72 | 71 | 71 | 73 |
| 10                      | 79 | 80 | 83 | 85 | 81 | 77 | 70 | 58 | 60 | 70  | 70 | 67 | 65 | 63 | 49 | 63 | 60 |
| 11                      | 73 | 75 | 76 | 75 | 63 | 63 | 75 | 81 | 90 | 93  | 88 | 72 | 67 | 73 | 70 | 71 | 65 |
| 12                      | 80 | 80 | 78 | 73 | 63 | 57 | 55 | 59 | 68 | 71  | 68 | 60 | 54 | 55 | 61 | 63 | 60 |
| 13                      | 51 | 57 | 58 | 43 | 37 | 38 | 47 | 47 | 38 | 33  | 43 | 35 | 25 | 12 | 49 | 47 | 29 |
| 14                      | 51 | 51 | 45 | 44 | 28 | 28 | 19 | 13 | 19 | 4   | 10 | 35 | 38 | 28 | 40 | 55 | 60 |
| 15                      | 63 | 41 | 45 | 34 | 33 | 43 | 43 | 51 | 53 | 60  | 55 | 54 | 53 | 51 | 52 | 55 | 53 |
| 16                      | 55 | 61 | 63 | 57 | 46 | 36 | 36 | 45 | 55 | 55  | 55 | 48 | 57 | 51 | 48 | 43 | 56 |
| 17                      | 63 | 61 | 58 | 55 | 50 | 50 | 53 | 53 | 58 | 68  | 71 | 62 | 56 | 58 | 58 | 55 | 53 |
| 18                      | 61 | 60 | 58 | 51 | 45 | 40 | 46 | 53 | 65 | 69  | 68 | 68 | 66 | 65 | 65 | 63 | 67 |
| 19                      | 65 | 65 | 63 | 53 | 41 | 45 | 51 | 60 | 68 | 71  | 73 | 70 | 68 | 53 | 43 | 50 | 55 |
| 20                      | 65 | 51 | 40 | 35 | 23 | 13 | 25 | 47 | 51 | 55  | 63 | 61 | 61 | 60 | 60 | 63 | 63 |
| 21                      | 63 | 65 | 65 | 60 | 51 | 48 | 53 | 58 | 63 | 63  | 72 | 73 | 67 | 63 | 65 | 65 | 67 |
| 22                      | 68 | 68 | 67 | 65 | 58 | 57 | 55 | 59 | 70 | 78  | 81 | 80 | 77 | 75 | 73 | 73 | 75 |
| 23                      | 78 | 81 | 85 | 88 | 85 | 78 | 79 | 90 | 97 | 100 | 99 | 97 | 86 | 83 | 80 | 83 | 85 |
| 24                      | 83 | 85 | 80 | 87 | 80 | 70 | 78 | 87 | 71 | 79  | 80 | 75 | 72 | 69 | 68 | 69 | 75 |
| 25                      | 78 | 81 | 80 | 79 | 71 | 68 | 53 | 37 | 40 | 55  | 71 | 64 | 59 | 61 | 61 | 65 | 63 |
| 26                      | 73 | 75 | 81 | 72 | 65 | 61 | 51 | 45 | 49 | 65  | 60 | 60 | 65 | 65 | 67 | 66 | 78 |
| 27                      | 70 | 71 | 73 | 68 | 59 | 55 | 56 | 65 | 70 | 80  | 75 | 65 | 58 | 51 | 59 | 60 | 65 |
| 28                      | 73 | 73 | 73 | 70 | 63 | 55 | 53 | 65 | 80 | 89  | 93 | 91 | 83 | 77 | 76 | 75 | 76 |
| 29                      | 79 | 83 | 83 | 78 | 67 | 55 | 53 | 60 | 73 | 80  | 80 | 78 | 75 | 78 | 79 | 79 | 79 |
| 30                      | 78 | 78 | 80 | 83 | 82 | 73 | 68 | 77 | 80 | 81  | 81 | 81 | 80 | 73 | 65 | 66 | 67 |
| 31                      | 79 | 81 | 68 | 63 | 68 | 61 | 55 | 52 | 49 | 53  | 48 | 48 | 60 | 58 | 45 | 49 | 35 |
| Среднее<br>по всем дням | 69 | 69 | 69 | 66 | 60 | 57 | 57 | 60 | 64 | 69  | 71 | 67 | 64 | 61 | 61 | 62 | 63 |

| 19 | 20 | 21 | 22 | 23 | Средн.<br>суточн. |
|----|----|----|----|----|-------------------|
| 68 | 70 | 71 | 73 | 73 | 73                |
| 69 | 75 | 74 | 65 | 60 | 61                |
| 73 | 74 | 75 | 68 | 68 | 58                |
| 59 | 57 | 58 | 58 | 57 | 60                |
| 65 | 68 | 68 | 68 | 69 | 71                |
| 67 | 68 | 70 | 73 | 68 | 68                |
| 64 | 75 | 78 | 85 | 84 | 85                |
| 54 | 63 | 67 | 68 | 69 | 68                |
| 75 | 78 | 77 | 78 | 77 | 80                |
| 63 | 63 | 65 | 68 | 68 | 70                |
| 73 | 75 | 76 | 79 | 79 | 79                |
| 32 | 33 | 19 | 39 | 53 | 53                |
| 58 | 40 | 43 | 47 | 47 | 51                |
| 52 | 58 | 56 | 56 | 55 | 58                |
| 51 | 56 | 53 | 56 | 56 | 60                |
| 61 | 58 | 71 | 71 | 63 | 58                |
| 50 | 58 | 55 | 55 | 57 | 57                |
| 60 | 63 | 66 | 71 | 70 | 68                |
| 53 | 55 | 58 | 65 | 75 | 57                |
| 65 | 63 | 65 | 65 | 63 | 63                |
| 68 | 67 | 68 | 66 | 68 | 68                |
| 73 | 78 | 78 | 74 | 74 | 78                |
| 78 | 78 | 83 | 78 | 79 | 81                |
| 68 | 75 | 78 | 68 | 73 | 80                |
| 68 | 70 | 65 | 67 | 73 | 75                |
| 85 | 68 | 65 | 66 | 68 | 70                |
| 70 | 78 | 71 | 68 | 68 | 71                |
| 78 | 79 | 77 | 75 | 75 | 77                |
| 80 | 81 | 80 | 79 | 78 | 77                |
| 71 | 91 | 75 | 69 | 73 | 75                |
| 44 | 54 | 43 | 43 | 45 | 48                |
| 64 | 67 | 66 | 66 | 67 | 68                |

Словные обозначения: — погасла лампа, <или> — запись вышла за бумагу; □ — остановились часы;  
иные причины отсутствия записи. Вспомогательные значения взяты приблизительно с магнитограммы — ( ).

Обработал А. Зарогенцева Проверил А. Бабленко



Ведомство А.Н. Уз С.С.Р.  
Обсерватория Янги-Базар  
Месяц март Год 1971

Широта 41°20'N Долгота 69°37'E Элемент Вертикальная составляющая  
"Z" Боброва 45400 +

Среднемесячн. = 45387

| 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  | Средн.<br>суточн. |     |
|----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------------------|-----|
| 1                    | -10 | -10 | -7  | -6  | -8  | -14 | -18 | -19 | -18 | -14 | -10 | -9  | -10 | -10 | -11 | -11 | -11 | -10 | -10 | -10 | -11 | -11 | -11               | -11 |
| 2                    | -11 | -11 | -7  | -7  | -9  | -7  | -18 | -20 | -20 | -17 | -12 | -11 | -13 | -12 | -11 | -11 | -11 | -10 | -9  | -10 | -11 | -10 | -10               | -12 |
| 3                    | -11 | -11 | -10 | -8  | -14 | -22 | -24 | -18 | -12 | -10 | -10 | -12 | -14 | -11 | -11 | -11 | -11 | -11 | -10 | -14 | -13 | -11 | -13               | -13 |
| 4                    | -12 | -12 | -11 | -10 | -9  | -15 | -25 | -27 | -21 | -16 | -11 | -10 | -10 | -10 | -6  | -3  | -3  | -2  | -2  | -7  | -7  | -8  | -9                | -11 |
| 5                    | -9  | -10 | -5  | -3  | -5  | -11 | -21 | -23 | -19 | -12 | -9  | -7  | -10 | -10 | -11 | -10 | -7  | -7  | -9  | -9  | -10 | -10 | -11               | -10 |
| 6                    | -11 | -11 | -8  | -6  | -7  | -15 | -23 | -22 | -19 | -14 | -9  | -9  | -12 | -11 | -10 | -11 | -11 | -11 | -10 | -10 | -11 | -12 | -12               | -12 |
| 7                    | -12 | -11 | -9  | -7  | -9  | -14 | -18 | -20 | -19 | -15 | -13 | -12 | -14 | -13 | -11 | -10 | -9  | -9  | -7  | -8  | -9  | -10 | -12               | -12 |
| 8                    | -13 | -12 | -9  | -5  | -6  | -11 | -21 | -23 | -26 | -23 | -18 | -17 | -14 | -11 | -11 | -10 | -11 | -10 | -9  | -9  | -10 | -11 | -12               | -13 |
| 9                    | -12 | -11 | -7  | -5  | -7  | -15 | -22 | -27 | -19 | -15 | -9  | -10 | -13 | -13 | -12 | -12 | -11 | -11 | -11 | -11 | -12 | -12 | -13               | -13 |
| 10                   | -13 | -14 | -9  | -3  | -2  | -12 | -23 | -25 | -20 | -14 | -11 | -8  | -11 | -12 | -10 | -9  | -9  | -10 | -11 | -11 | -11 | -12 | -12               | -12 |
| 11                   | -11 | -11 | -7  | -4  | -7  | -11 | -19 | -23 | -19 | -14 | -9  | -9  | -12 | -12 | -13 | -11 | -12 | -11 | -11 | -11 | -12 | -13 | -13               | -12 |
| 12                   | -13 | -11 | -6  | -2  | -6  | -14 | -19 | -19 | -17 | -15 | -11 | -10 | -9  | -11 | -9  | -10 | -10 | -10 | -9  | -7  | -7  | -6  | -11               | -10 |
| 13                   | -11 | -7  | -6  | -11 | -11 | -12 | -15 | -15 | -12 | -6  | -1  | -2  | -6  | -6  | 4   | -4  | -3  | 5   | -10 | -10 | -8  | -9  | -10               | -7  |
| 14                   | -9  | -7  | -6  | -5  | -12 | -17 | -28 | -24 | -15 | -11 | -1  | 4   | 0   | -7  | -2  | -4  | -6  | -7  | -7  | -8  | -11 | -11 | -15               | -9  |
| 15                   | -15 | -14 | -7  | -9  | -8  | -16 | -23 | -21 | -17 | -11 | -7  | -5  | -8  | -10 | -7  | -8  | -7  | -7  | -10 | -8  | -9  | -9  | -10               | -11 |
| 16                   | -11 | -8  | -3  | -2  | -7  | -13 | -19 | -19 | -14 | -14 | -10 | -7  | -5  | -10 | -9  | -7  | -8  | -8  | -9  | -9  | -8  | -12 | -14               | -10 |
| 17                   | -13 | -12 | -8  | -7  | -7  | -12 | -15 | -16 | -18 | -16 | -13 | -8  | -8  | -9  | -9  | -9  | -8  | -7  | -8  | -7  | -9  | -8  | -9                | -10 |
| 18                   | -10 | -10 | -4  | -4  | -11 | -21 | -28 | -31 | -28 | -24 | -18 | -12 | -12 | -13 | -11 | -11 | -10 | -11 | -10 | -9  | -9  | -11 | -11               | -14 |
| 19                   | -12 | -10 | -4  | -4  | -13 | -20 | -25 | -28 | -24 | -19 | -15 | -12 | -12 | -11 | -9  | -5  | -3  | -6  | -6  | -6  | -7  | -7  | -12               | -13 |
| 20                   | -10 | -13 | -8  | -7  | -13 | -19 | -18 | -12 | -16 | -11 | -9  | -9  | -10 | -11 | -10 | -10 | -10 | -10 | -10 | -11 | -10 | -10 | -11               | -11 |
| 21                   | -11 | -9  | -4  | -5  | -16 | -26 | -29 | -31 | -29 | -21 | -12 | -10 | -13 | -14 | -12 | -12 | -12 | -11 | -12 | -12 | -12 | -12 | -13               | -15 |
| 22                   | -12 | -10 | -5  | -4  | -11 | -22 | -28 | -27 | -23 | -19 | -15 | -12 | -13 | -14 | -14 | -13 | -12 | -12 | -12 | -11 | -13 | -13 | -13               | -14 |
| 23                   | -14 | -11 | -6  | -5  | -11 | -27 | -38 | -27 | -16 | -12 | -11 | -12 | -16 | -17 | -15 | -14 | -14 | -13 | -12 | -12 | -12 | -14 | -13               | -15 |
| 24                   | -14 | -12 | -10 | -9  | -16 | -26 | -28 | -27 | -25 | -16 | -13 | -14 | -15 | -15 | -13 | -12 | -10 | -11 | -9  | -10 | -15 | -14 | -13               | -15 |
| 25                   | -14 | -12 | -6  | -7  | -17 | -31 | -38 | -40 | -35 | -24 | -14 | -11 | -11 | -12 | -11 | -11 | -11 | -10 | -10 | -12 | -13 | -12 | -13               | -16 |
| 26                   | -14 | -10 | -7  | -10 | -18 | -23 | -35 | -37 | -31 | -26 | -22 | -16 | -11 | -11 | -11 | -11 | -9  | -12 | -14 | -16 | -14 | -13 | -14               | -17 |
| 27                   | -13 | -10 | -5  | -6  | -18 | -29 | -32 | -35 | -35 | -27 | -17 | -11 | -10 | -10 | -10 | -10 | -10 | -10 | -11 | -12 | -14 | -14 | -14               | -16 |
| 28                   | -13 | -10 | -7  | -9  | -18 | -29 | -37 | -43 | -33 | -23 | -17 | -15 | -15 | -17 | -16 | -15 | -15 | -14 | -14 | -14 | -15 | -15 | -15               | -18 |
| 29                   | -14 | -11 | -5  | -2  | -9  | -23 | -33 | -37 | -34 | -26 | -17 | -15 | -14 | -16 | -16 | -15 | -15 | -15 | -15 | -15 | -15 | -16 | -16               | -17 |
| 30                   | -16 | -14 | -7  | -5  | -13 | -31 | -41 | -42 | -38 | -32 | -22 | -17 | -16 | -18 | -16 | -14 | -13 | -12 | -11 | -11 | -16 | -15 | -16               | -19 |
| 31                   | -18 | -17 | -16 | -15 | -14 | -22 | -27 | -32 | -30 | -27 | -22 | -15 | -12 | -14 | -13 | -10 | -9  | -7  | -9  | -7  | -12 | -12 | -12               | -16 |
| Среднее<br>всех дней | -12 | -11 | -7  | -6  | -11 | -19 | -25 | -26 | -23 | -18 | -13 | -10 | -11 | -12 | -11 | -10 | -9  | -10 | -10 | -11 | -11 | -12 | -12               | -13 |

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

Обработал а Зарогенцева Проверил а Гавленко

Ведомство А. Н. Уз. С. С. Р

Широта 41°20'N Долгота 69°37'E элемент

СКлонение

Обсерватория Янги-Базор

Месяц апрел 6 Год 1971

"Д" Боброва 4°30' +

Среднемесячн. = 4°43'7

| Время<br>мировое        |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | Средн.<br>суточн. |      |
|-------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------------------|------|
| Дня                     | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 19   | 20   | 21   | 22   | 23   |                   |      |
| 1                       | 14.6 | 15.0 | 15.7 | 16.6 | 17.0 | 16.1 | 14.6 | 11.6 | 10.6 | 10.2 | 11.3 | 13.0 | 13.4 | 13.4 | 13.7 | 13.5 | 13.4 | 13.8 | 13.8 | 13.4 | 13.8 | 14.2 | 14.2              | 13.8 |
| 2                       | 14.1 | 14.4 | 15.8 | 17.3 | 17.4 | 16.0 | 13.8 | 11.8 | 11.1 | 12.2 | 11.6 | 11.8 | 13.8 | 13.8 | 14.6 | 14.6 | 13.4 | 13.3 | 13.4 | 13.5 | 13.4 | 13.7 | 13.4              | 13.8 |
| 3                       | 13.0 | 13.2 | 15.6 | 16.7 | 17.0 | 15.8 | 13.4 | 11.0 | 8.2  | 8.6  | 10.6 | 11.0 | 12.2 | 13.0 | 13.5 | 15.2 | 14.6 | 14.0 | 13.4 | 13.0 | 14.0 | 14.3 | 13.7              | 13.3 |
| 4                       | 14.6 | 13.8 | 15.4 | 17.3 | 16.5 | 14.8 | 11.8 | 10.6 | 9.1  | 9.2  | 9.5  | 11.8 | 13.0 | 13.8 | 13.6 | 14.2 | 18.6 | 17.6 | 14.2 | 14.2 | 14.5 | 14.9 | 13.0              | 13.9 |
| 5                       | 13.6 | 14.4 | 15.8 | 17.6 | 18.2 | 17.3 | 15.0 | 12.0 | 9.6  | 8.6  | 9.7  | 11.0 | 12.2 | 12.2 | 13.4 | 15.0 | 14.6 | 14.0 | 12.6 | 13.8 | 14.2 | 14.1 | 13.4              | 13.6 |
| 6                       | 13.4 | 13.8 | 16.0 | 17.6 | 18.2 | 16.2 | 13.0 | 9.8  | 8.1  | 8.6  | 10.6 | 11.4 | 12.2 | 12.9 | 13.0 | 13.0 | 13.4 | 13.4 | 13.8 | 14.0 | 13.6 | 14.0 | 14.0              | 13.2 |
| 7                       | 13.4 | 13.8 | 15.8 | 17.8 | 19.3 | 18.5 | 15.9 | 13.4 | 11.4 | 10.6 | 10.5 | 11.4 | 12.5 | 13.0 | 12.9 | 13.0 | 13.0 | 13.1 | 13.4 | 13.8 | 13.8 | 13.6 | 13.4              | 13.8 |
| 8                       | 13.4 | 14.2 | 16.2 | 18.1 | 17.6 | 15.6 | 12.6 | 9.8  | 8.2  | 7.8  | 9.0  | 11.4 | 13.4 | 13.8 | 13.0 | 13.0 | 13.4 | 15.0 | 15.0 | 14.6 | 15.0 | 15.0 | 15.6              | 13.5 |
| 9                       | 14.7 | 15.8 | 17.5 | 19.0 | 19.4 | 16.9 | 14.9 | 9.7  | 7.8  | 8.7  | 9.8  | 10.2 | 13.5 | 12.6 | 14.3 | 13.4 | 16.9 | 19.0 | 19.4 | 18.9 | 17.0 | 15.0 | 16.6              | 14.9 |
| 10                      | 17.4 | 18.0 | 18.5 | 19.0 | 15.4 | 15.8 | 13.7 | 11.4 | 9.8  | 10.2 | 10.6 | 12.2 | 14.6 | 14.6 | 16.1 | 17.0 | 16.3 | 14.6 | 15.8 | 15.4 | 13.8 | 14.6 | 14.8              | 14.8 |
| 11                      | 14.2 | 15.4 | 16.7 | 19.0 | 19.9 | 15.5 | 13.4 | 11.4 | 9.0  | 10.2 | 10.6 | 12.1 | 13.4 | 16.3 | 14.6 | 15.4 | 16.2 | 14.6 | 14.6 | 13.8 | 14.2 | 13.5 | 13.8              | 14.3 |
| 12                      | 13.1 | 14.4 | 17.2 | 19.2 | 19.4 | 17.8 | 15.6 | 12.6 | 10.6 | 10.2 | 11.0 | 12.5 | 13.3 | 14.4 | 14.2 | 13.8 | 13.8 | 13.8 | 13.8 | 14.6 | 14.6 | 14.2 | 13.7              | 14.2 |
| 13                      | 14.2 | 15.3 | 17.4 | 19.0 | 19.4 | 17.0 | 13.8 | 10.6 | 8.8  | 8.6  | 10.2 | 13.3 | 14.1 | 14.0 | 13.3 | 13.8 | 13.4 | 13.7 | 13.8 | 13.8 | 13.8 | 13.8 | 13.7              | 13.9 |
| 14                      | 13.1 | 13.3 | 15.4 | 17.6 | 18.5 | 17.6 | 14.9 | 11.6 | 9.6  | 8.6  | 8.9  | 10.2 | 11.1 | 11.0 | 10.6 | 13.0 | 12.9 | 16.0 | 18.3 | 19.2 | 18.9 | 14.7 | 14.0              | 13.9 |
| 15                      | 17.2 | 17.4 | 21.4 | 20.0 | 19.4 | 16.6 | 13.0 | 11.0 | 10.2 | 10.6 | 12.2 | 13.2 | 15.6 | 15.9 | 13.8 | 13.1 | 13.5 | 14.2 | 14.2 | 14.1 | 15.0 | 15.0 | 15.7              | 14.9 |
| 16                      | 15.0 | 16.4 | 17.8 | 18.6 | 18.3 | 17.4 | 14.6 | 12.9 | 11.6 | 11.0 | 10.6 | 12.3 | 12.8 | 13.4 | 14.6 | 14.2 | 13.8 | 13.8 | 13.8 | 14.0 | 14.6 | 14.2 | 14.9              | 14.4 |
| 17                      | 15.0 | 15.7 | 17.4 | 18.9 | 19.0 | 17.0 | 13.6 | 10.6 | 8.2  | 8.6  | 9.6  | 11.0 | 12.6 | 13.1 | 13.4 | 13.4 | 13.0 | 13.1 | 13.4 | 13.8 | 13.8 | 13.4 | 12.2              | 13.4 |
| 18                      | 13.8 | 15.1 | 17.0 | 18.8 | 19.0 | 17.8 | 15.4 | 12.4 | 10.6 | 9.8  | 10.0 | 11.0 | 11.7 | 12.5 | 12.4 | 13.4 | 15.0 | 14.4 | 13.6 | 13.6 | 13.8 | 13.0 | 14.2              | 13.9 |
| 19                      | 14.2 | 14.2 | 15.8 | 17.6 | 18.2 | 17.1 | 14.2 | 11.5 | 10.6 | 9.8  | 10.3 | 11.2 | 11.8 | 12.2 | 12.4 | 12.5 | 12.6 | 13.0 | 13.4 | 13.8 | 13.8 | 14.0 | 13.9              | 13.3 |
| 20                      | 14.4 | 15.0 | 16.6 | 18.2 | 18.6 | 17.8 | 13.8 | 10.9 | 9.3  | 9.2  | 10.6 | 11.8 | 12.1 | 12.6 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.4 | 13.8 | 13.8 | 13.8              | 13.5 |
| 21                      | 13.8 | 14.2 | 15.3 | 16.8 | 17.4 | 16.6 | 14.2 | 11.1 | 9.4  | 9.8  | 10.6 | 11.6 | 12.2 | 13.4 | 12.6 | 13.2 | 14.2 | 16.6 | 15.6 | 17.1 | 16.6 | 13.7 | 16.2              | 14.0 |
| 22                      | 15.4 | 13.2 | 16.0 | 17.8 | 17.0 | 15.4 | 12.6 | 10.4 | 9.0  | 9.0  | 11.0 | 12.5 | 13.4 | 13.8 | 14.4 | 13.8 | 13.4 | 13.4 | 14.6 | 15.4 | 15.2 | 15.4 | 15.0              | 13.8 |
| 23                      | 15.0 | 15.8 | 17.4 | 18.3 | 18.2 | 16.2 | 12.6 | 10.2 | 8.2  | 7.0  | 8.5  | 9.8  | 12.2 | 12.8 | 12.8 | 12.9 | 13.2 | 13.0 | 13.4 | 13.1 | 13.8 | 14.6 | 13.8              | 13.2 |
| 24                      | 14.2 | 15.0 | 16.2 | 17.0 | 17.2 | 16.2 | 13.6 | 11.1 | 10.1 | 9.8  | 10.2 | 11.4 | 12.6 | 13.2 | 13.4 | 13.3 | 13.1 | 13.2 | 13.2 | 13.4 | 13.4 | 13.4 | 13.6              | 13.3 |
| 25                      | 13.8 | 14.5 | 16.0 | 17.4 | 17.8 | 15.4 | 11.2 | 8.2  | 7.5  | 8.4  | 10.3 | 11.8 | 13.2 | 13.4 | 13.1 | 13.0 | 13.0 | 13.0 | 13.0 | 13.4 | 13.4 | 13.4 | 13.4              | 12.9 |
| 26                      | 13.8 | 14.3 | 15.8 | 17.6 | 18.2 | 17.0 | 14.2 | 11.4 | 9.7  | 9.1  | 9.8  | 11.0 | 11.7 | 11.8 | 12.2 | 12.6 | 12.6 | 13.4 | 13.4 | 13.4 | 13.6 | 13.4 | 13.3              | 13.2 |
| 27                      | 13.2 | 14.2 | 15.4 | 17.0 | 17.4 | 16.3 | 13.5 | 10.9 | 9.0  | 9.0  | 9.4  | 10.2 | 11.0 | 12.2 | 12.6 | 12.6 | 13.0 | 13.3 | 13.8 | 13.8 | 13.4 | 13.8 | 13.6              | 13.0 |
| 28                      | 13.5 | 13.8 | 15.0 | 17.0 | 17.0 | 15.0 | 12.6 | 10.0 | 8.5  | 7.7  | 8.6  | 10.6 | 11.0 | 9.9  | 11.8 | 12.2 | 12.7 | 14.2 | 14.3 | 14.3 | 13.8 | 14.2 | 13.9              | 12.7 |
| 29                      | 14.2 | 14.8 | 15.8 | 16.6 | 16.4 | 15.0 | 13.4 | 10.8 | 9.0  | 9.8  | 10.2 | 11.0 | 11.8 | 12.2 | 11.8 | 11.4 | 11.6 | 12.6 | 13.2 | 13.5 | 13.8 | 13.9 | 14.2              | 12.9 |
| 30                      | 14.1 | 14.6 | 15.8 | 17.7 | 16.6 | 14.6 | 12.9 | 11.0 | 9.8  | 9.8  | 10.2 | 11.4 | 13.0 | 12.6 | 12.3 | 12.4 | 12.6 | 13.0 | 13.2 | 13.5 | 13.5 | 13.6 | 13.8              | 13.1 |
| 31                      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                   |      |
| Среднее<br>по всем дням | 14.2 | 14.8 | 16.5 | 17.9 | 18.0 | 16.4 | 13.7 | 11.1 | 9.4  | 9.3  | 10.2 | 11.5 | 12.7 | 13.1 | 13.2 | 13.5 | 13.8 | 14.1 | 14.1 | 14.4 | 14.3 | 14.1 | 14.1              | 13.7 |

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

Обработал а Гавченко

Проверил а Зарогенцева

Ведомство Л. Н. Уз. С. С. Р.Широта 41°20'N Долгота 69°37'E элемент горизонтальная составляющаяОбсерватория Янги-БазарМесяц апрел Год 1971Н Боброва = 25800 +Среднемесячн. 25858

| Время<br>мировое        |    |     |     |     |     |     |    |    |    |    |    |     |     |     |    |    |    |    |    |    |    |    | Средн.<br>суточн. |    |    |
|-------------------------|----|-----|-----|-----|-----|-----|----|----|----|----|----|-----|-----|-----|----|----|----|----|----|----|----|----|-------------------|----|----|
| Дня                     | 1  | 2   | 3   | 4   | 5   | 6   | 7  | 8  | 9  | 10 | 11 | 12  | 13  | 14  | 15 | 16 | 17 | 19 | 20 | 21 | 22 | 23 |                   |    |    |
| 1                       | 52 | 54  | 49  | 52  | 44  | 42  | 19 | 34 | 54 | 62 | 66 | 63  | 62  | 61  | 64 | 62 | 65 | 63 | 63 | 67 | 71 | 66 | 64                | 62 | 57 |
| 2                       | 64 | 64  | 64  | 64  | 66  | 69  | 77 | 84 | 85 | 86 | 82 | 79  | 54  | 44  | 40 | 50 | 52 | 62 | 67 | 69 | 68 | 69 | 64                | 66 | 66 |
| 3                       | 62 | 72  | 72  | 70  | 57  | 41  | 42 | 53 | 63 | 58 | 51 | 70  | 70  | 69  | 66 | 59 | 55 | 56 | 69 | 71 | 80 | 69 | 86                | 72 | 64 |
| 4                       | 59 | 56  | 71  | 56  | 51  | 54  | 76 | 61 | 69 | 70 | 79 | 65  | 59  | 62  | 46 | 45 | 46 | 38 | 28 | 46 | 53 | 60 | 50                | 53 | 56 |
| 5                       | 56 | 59  | 64  | 56  | 52  | 41  | 36 | 41 | 46 | 54 | 54 | 56  | 57  | 62  | 61 | 59 | 64 | 59 | 62 | 81 | 69 | 66 | 65                | 60 | 58 |
| 6                       | 60 | 66  | 62  | 53  | 37  | 34  | 40 | 44 | 47 | 39 | 38 | 50  | 58  | 62  | 62 | 68 | 68 | 68 | 69 | 69 | 69 | 73 | 73                | 71 | 58 |
| 7                       | 71 | 76  | 76  | 74  | 64  | 48  | 56 | 59 | 61 | 67 | 69 | 72  | 72  | 69  | 68 | 68 | 70 | 72 | 72 | 73 | 72 | 70 | 69                | 76 | 68 |
| 8                       | 77 | 78  | 74  | 68  | 64  | 59  | 64 | 71 | 76 | 86 | 86 | 74  | 59  | 52  | 58 | 63 | 64 | 66 | 61 | 59 | 76 | 64 | 61                | 62 | 68 |
| 9                       | 66 | 74  | 74  | 71  | 71  | 78  | 38 | 40 | 40 | 28 | 26 | -8  | -29 | -16 | 3  | 27 | 10 | 25 | 36 | 18 | 26 | 37 | 37                | 24 | 33 |
| 10                      | 21 | 24  | 24  | 16  | 11  | 15  | 30 | 34 | 25 | 19 | 36 | 36  | 46  | 46  | 48 | 56 | 41 | 41 | 52 | 50 | 51 | 59 | 53                | 50 | 37 |
| 11                      | 52 | 56  | 49  | 41  | 15  | 11  | 20 | 48 | 56 | 20 | 9  | 24  | 43  | 44  | 34 | 38 | 41 | 39 | 46 | 52 | 64 | 52 | 50                | 50 | 40 |
| 12                      | 44 | 46  | 41  | 36  | 24  | 26  | 34 | 42 | 49 | 49 | 54 | 57  | 60  | 59  | 56 | 57 | 59 | 61 | 64 | 71 | 60 | 61 | 56                | 56 | 51 |
| 13                      | 59 | 56  | 54  | 49  | 42  | 43  | 48 | 56 | 64 | 66 | 61 | 53  | 53  | 46  | 47 | 50 | 56 | 59 | 62 | 61 | 64 | 66 | 66                | 66 | 56 |
| 14                      | 66 | 68  | 67  | 64  | 54  | 47  | 44 | 50 | 61 | 71 | 77 | 78  | 77  | 82  | 51 | 69 | 60 | 54 | 69 | 42 | 34 | 40 | 25                | 52 | 58 |
| 15                      | 16 | -10 | -11 | -16 | -21 | -17 | 6  | 16 | 30 | 12 | -1 | -11 | -9  | 22  | 26 | 32 | 34 | 36 | 49 | 46 | 39 | 36 | 31                | 33 | 15 |
| 16                      | 37 | 39  | 34  | 29  | 29  | 23  | 24 | 32 | 34 | 34 | 36 | 38  | 36  | 41  | 50 | 52 | 48 | 48 | 56 | 62 | 58 | 53 | 56                | 53 | 42 |
| 17                      | 50 | 54  | 54  | 42  | 29  | 17  | 17 | 37 | 47 | 53 | 56 | 60  | 62  | 62  | 60 | 62 | 64 | 64 | 64 | 64 | 64 | 64 | 67                | 69 | 53 |
| 18                      | 69 | 72  | 70  | 62  | 51  | 42  | 50 | 66 | 74 | 70 | 67 | 62  | 67  | 69  | 67 | 70 | 74 | 69 | 56 | 63 | 62 | 62 | 74                | 59 | 64 |
| 19                      | 60 | 62  | 62  | 58  | 50  | 46  | 51 | 66 | 75 | 80 | 74 | 72  | 72  | 75  | 75 | 74 | 77 | 78 | 77 | 77 | 72 | 72 | 74                | 75 | 69 |
| 20                      | 75 | 80  | 77  | 70  | 59  | 51  | 63 | 70 | 70 | 77 | 77 | 70  | 72  | 72  | 70 | 71 | 72 | 76 | 80 | 80 | 77 | 75 | 74                | 77 | 72 |
| 21                      | 79 | 81  | 81  | 77  | 68  | 65  | 64 | 67 | 77 | 68 | 62 | 52  | 40  | 38  | 49 | 55 | 59 | 70 | 48 | 41 | 36 | 38 | 38                | 58 | 59 |
| 22                      | 45 | 51  | 41  | 27  | 27  | 17  | 17 | 34 | 50 | 48 | 47 | 44  | 44  | 46  | 37 | 43 | 55 | 57 | 61 | 57 | 65 | 51 | 51                | 54 | 45 |
| 23                      | 56 | 57  | 56  | 49  | 41  | 27  | 34 | 52 | 66 | 67 | 74 | 82  | 69  | 62  | 62 | 67 | 66 | 68 | 69 | 69 | 80 | 73 | 62                | 66 | 61 |
| 24                      | 65 | 64  | 63  | 55  | 50  | 46  | 55 | 67 | 71 | 74 | 79 | 74  | 70  | 66  | 64 | 64 | 65 | 68 | 72 | 71 | 69 | 69 | 69                | 70 | 66 |
| 25                      | 72 | 72  | 71  | 64  | 59  | 58  | 66 | 79 | 89 | 92 | 87 | 84  | 79  | 74  | 73 | 72 | 72 | 72 | 74 | 74 | 74 | 74 | 74                | 77 | 74 |
| 26                      | 77 | 77  | 77  | 74  | 66  | 60  | 62 | 72 | 84 | 94 | 99 | 97  | 87  | 77  | 78 | 73 | 75 | 78 | 79 | 79 | 77 | 76 | 78                | 78 | 78 |
| 27                      | 80 | 77  | 74  | 64  | 54  | 53  | 51 | 49 | 49 | 57 | 67 | 64  | 67  | 64  | 64 | 69 | 70 | 74 | 74 | 73 | 72 | 76 | 72                | 72 | 66 |
| 28                      | 75 | 79  | 81  | 79  | 65  | 68  | 67 | 69 | 72 | 76 | 69 | 62  | 66  | 72  | 42 | 34 | 50 | 59 | 54 | 57 | 62 | 64 | 67                | 69 | 65 |
| 29                      | 74 | 74  | 76  | 72  | 70  | 66  | 64 | 74 | 84 | 79 | 76 | 74  | 72  | 74  | 81 | 88 | 93 | 99 | 90 | 88 | 92 | 88 | 83                | 89 | 80 |
| 30                      | 88 | 92  | 96  | 77  | 67  | 62  | 59 | 66 | 72 | 72 | 68 | 62  | 62  | 66  | 72 | 79 | 76 | 79 | 79 | 82 | 79 | 80 | 81                | 81 | 75 |
| 31                      |    |     |     |     |     |     |    |    |    |    |    |     |     |     |    |    |    |    |    |    |    |    |                   |    |    |
| Среднее<br>по всем дням | 61 | 62  | 61  | 55  | 47  | 43  | 46 | 54 | 61 | 61 | 61 | 58  | 57  | 57  | 56 | 59 | 60 | 62 | 63 | 64 | 64 | 63 | 62                | 63 | 58 |

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

Обработал а Зарогенева Проверил а Зарогенева

Ведомство А.Н. Уз С.С.РОбсерватория Янги-БазарМесяц апрель Год 1971Широта 41°20'NДолгота 69°37'E элементВертикальная составляющаяЗ. Боброва 45400+Среднемесячн. 45384

| 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  | Средн.<br>суточн. |     |     |
|-------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------------------|-----|-----|
| Дня                     | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 19  | 20  | 21  | 22  | 23  | Средн.<br>суточн. |     |     |
| 1                       | -13 | -10 | -10 | -13 | -20 | -26 | -37 | -32 | -27 | -19 | -13 | -12 | -13 | -15 | -14 | -15 | -14 | -14 | -13 | -14 | -15 | -15 | -16               | -17 |     |
| 2                       | -15 | -13 | -9  | -8  | -13 | -22 | -28 | -29 | -27 | -23 | -21 | -18 | -17 | -14 | -10 | -10 | -11 | -11 | -13 | -13 | -15 | -15 | -15               | -16 |     |
| 3                       | -16 | -13 | -10 | -10 | -19 | -32 | -40 | -40 | -34 | -28 | -17 | -12 | -13 | -14 | -15 | -14 | -14 | -13 | -12 | -15 | -15 | -17 | -16               | -21 | -19 |
| 4                       | -21 | -17 | -13 | -16 | -24 | -31 | -33 | -35 | -29 | -24 | -21 | -20 | -16 | -15 | -16 | -11 | -7  | -13 | -8  | -9  | -9  | -8  | -12               | -11 | -17 |
| 5                       | -12 | -8  | -5  | -5  | -8  | -16 | -25 | -34 | -34 | -27 | -22 | -16 | -13 | -13 | -12 | -11 | -11 | -13 | -12 | -12 | -16 | -14 | -14               | -16 | -15 |
| 6                       | -13 | -10 | -7  | -8  | -17 | -30 | -37 | -37 | -29 | -19 | -11 | -5  | -7  | -11 | -11 | -11 | -13 | -13 | -12 | -12 | -12 | -13 | -15               | -15 | -15 |
| 7                       | -15 | -11 | -6  | -7  | -14 | -25 | -31 | -35 | -37 | -29 | -22 | -17 | -15 | -16 | -15 | -14 | -14 | -15 | -14 | -14 | -14 | -15 | -14               | -15 | -18 |
| 8                       | -14 | -11 | -8  | -9  | -17 | -26 | -31 | -32 | -29 | -24 | -18 | -13 | -13 | -14 | -13 | -12 | -12 | -11 | -11 | -11 | -9  | -15 | -13               | -15 | -16 |
| 9                       | -12 | -8  | -5  | -8  | -16 | -32 | -51 | -46 | -38 | -30 | -12 | -7  | -1  | 0   | 7   | 4   | 3   | 9   | 4   | -2  | 0   | -1  | -8                | -8  | -11 |
| 10                      | -5  | -3  | -4  | -10 | -22 | -29 | -29 | -27 | -26 | -18 | -10 | -7  | -3  | -5  | -4  | -5  | -9  | -7  | -6  | -7  | -8  | -8  | -13               | -12 | -12 |
| 11                      | -9  | -4  | -1  | -2  | -16 | -24 | -25 | -19 | -19 | -21 | -7  | 2   | 1   | -2  | -8  | -3  | -4  | -7  | -6  | -7  | -8  | -11 | -11               | -11 | -9  |
| 12                      | -9  | -3  | 0   | -1  | -9  | -20 | -28 | -30 | -26 | -18 | -10 | -4  | -5  | -7  | -11 | -9  | -9  | -9  | -9  | -11 | -12 | -12 | -12               | -11 | -11 |
| 13                      | -9  | -6  | 0   | -1  | -14 | -27 | -32 | -31 | -24 | -18 | -15 | -8  | -4  | -8  | -8  | -7  | -7  | -8  | -9  | -10 | -11 | -11 | -12               | -12 | -12 |
| 14                      | -11 | -5  | -1  | -3  | -12 | -23 | -33 | -36 | -35 | -28 | -24 | -18 | -11 | -10 | -15 | -4  | -8  | -8  | -5  | -7  | -7  | -7  | -15               | -16 | -14 |
| 15                      | -21 | -17 | -13 | -19 | -31 | -41 | -43 | -39 | -31 | -30 | -20 | -12 | -2  | 2   | -5  | -6  | -7  | -6  | -7  | -9  | -10 | -9  | -10               | -10 | -16 |
| 16                      | -9  | -8  | -9  | -11 | -19 | -24 | -25 | -24 | -25 | -21 | -16 | -9  | -6  | -6  | -7  | -9  | -12 | -11 | -10 | -11 | -13 | -13 | -12               | -14 | -14 |
| 17                      | -10 | -6  | -2  | -5  | -12 | -23 | -31 | -32 | -32 | -24 | -17 | -12 | -10 | -10 | -12 | -12 | -13 | -13 | -12 | -12 | -12 | -12 | -13               | -13 | -15 |
| 18                      | -14 | -11 | -8  | -9  | -16 | -24 | -29 | -34 | -34 | -29 | -25 | -20 | -17 | -16 | -16 | -13 | -11 | -17 | -16 | -13 | -14 | -13 | -13               | -17 | -18 |
| 19                      | -13 | -9  | -5  | -5  | -14 | -24 | -31 | -29 | -25 | -17 | -15 | -17 | -15 | -14 | -15 | -15 | -15 | -15 | -14 | -15 | -15 | -15 | -15               | -15 | -16 |
| 20                      | -15 | -11 | -7  | -9  | -14 | -24 | -32 | -33 | -32 | -26 | -23 | -25 | -23 | -21 | -19 | -18 | -18 | -17 | -17 | -17 | -17 | -17 | -17               | -17 | -20 |
| 21                      | -19 | -15 | -13 | -11 | -14 | -24 | -33 | -41 | -38 | -33 | -26 | -20 | -18 | -14 | -11 | -12 | -11 | -13 | -15 | -13 | -10 | -11 | -15               | -14 | -18 |
| 22                      | -20 | -17 | -17 | -12 | -17 | -30 | -32 | -28 | -24 | -20 | -15 | -12 | -11 | -9  | -10 | -9  | -8  | -11 | -11 | -11 | -9  | -13 | -13               | -12 | -15 |
| 23                      | -11 | -9  | -7  | -14 | -26 | -38 | -44 | -38 | -33 | -29 | -21 | -17 | -15 | -15 | -15 | -13 | -14 | -12 | -14 | -13 | -14 | -18 | -18               | -15 | -19 |
| 24                      | -12 | -11 | -11 | -15 | -20 | -27 | -31 | -31 | -30 | -24 | -19 | -17 | -13 | -15 | -15 | -15 | -14 | -14 | -14 | -15 | -15 | -15 | -15               | -15 | -18 |
| 25                      | -14 | -12 | -9  | -11 | -17 | -29 | -35 | -32 | -25 | -18 | -15 | -15 | -15 | -17 | -18 | -17 | -16 | -16 | -16 | -16 | -16 | -16 | -17               | -17 | -18 |
| 26                      | -15 | -13 | -10 | -9  | -16 | -25 | -35 | -37 | -31 | -27 | -26 | -24 | -22 | -21 | -19 | -18 | -16 | -16 | -16 | -17 | -17 | -17 | -17               | -19 | -20 |
| 27                      | -16 | -14 | -11 | -11 | -14 | -18 | -27 | -28 | -28 | -26 | -24 | -23 | -16 | -16 | -15 | -14 | -15 | -16 | -15 | -15 | -15 | -17 | -17               | -17 | -18 |
| 28                      | -17 | -14 | -14 | -18 | -25 | -31 | -39 | -40 | -35 | -31 | -26 | -18 | -17 | -16 | -14 | -10 | -6  | -9  | -11 | -11 | -11 | -14 | -14               | -14 | -19 |
| 29                      | -13 | -12 | -12 | -16 | -21 | -28 | -33 | -37 | -38 | -37 | -30 | -25 | -20 | -18 | -18 | -17 | -16 | -16 | -17 | -16 | -16 | -17 | -19               | -17 | -21 |
| 30                      | -18 | -14 | -16 | -21 | -27 | -31 | -31 | -31 | -26 | -21 | -19 | -17 | -12 | -15 | -15 | -16 | -16 | -15 | -16 | -16 | -17 | -17 | -17               | -17 | -19 |
| 31                      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                   |     |     |
| Среднее<br>по всем дням | -14 | -10 | -8  | -10 | -17 | -27 | -33 | -33 | -30 | -25 | -19 | -15 | -12 | -12 | -12 | -11 | -11 | -12 | -12 | -12 | -12 | -13 | -14               | -15 | -16 |

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

Обработал А. ПлавченкоПроверил А. Зарогенцева

Метеостанция  
Я Н Г И - Б А З А Р  
Май 1971 года

Склонение  $D = 4^{\circ}30'$  + табличное значение в минутах  
Широта  $41^{\circ}20'$  Долгота  $69^{\circ}37'$

| Время<br>миро-<br>вое | 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. |
|-----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------------------|
| 1                     | 14.0 | 14.6 | 15.7 | 15.8 | 15.8 | 14.6 | 12.5 | 10.5 | 9.2  | 9.4  | 9.8  | 10.6 | 11.1 | 11.6 | 12.2 | 12.7 | 13.0 | 13.0 | 13.0 | 13.4 | 13.4 | 13.4 | 13.0 | 12.7 | 12.7              |
| 2                     | 9.8  | 10.6 | 11.0 | 13.3 | 15.0 | 16.6 | 15.8 | 14.6 | 12.6 | 12.2 | 12.2 | 11.5 | 11.4 | 12.6 | 13.4 | 14.5 | 13.8 | 13.4 | 13.4 | 14.4 | 14.2 | 14.6 | 14.5 | 14.2 | 13.3              |
| 3                     | 14.6 | 14.6 | 15.0 | 15.6 | 15.9 | 15.2 | 13.5 | 11.8 | 10.6 | 9.8  | 9.6  | 9.8  | 10.6 | 11.8 | 12.2 | 12.6 | 12.8 | 13.2 | 13.4 | 13.4 | 13.8 | 13.4 | 14.6 | 13.7 | 13.0              |
| 4                     | 13.4 | 12.3 | 13.6 | 15.8 | 16.2 | 15.4 | 13.4 | 11.2 | 10.0 | 9.4  | 9.4  | 10.2 | 11.4 | 12.2 | 12.2 | 12.4 | 12.6 | 13.0 | 13.4 | 13.8 | 13.8 | 13.8 | 13.9 | 13.8 | 12.8              |
| 5                     | 14.2 | 14.6 | 15.8 | 17.2 | 17.4 | 16.4 | 13.8 | 11.0 | 9.4  | 9.0  | 9.6  | 10.2 | 10.8 | 11.6 | 11.7 | 11.8 | 12.6 | 12.2 | 13.0 | 15.0 | 13.8 | 14.1 | 13.8 | 14.2 | 13.0              |
| 6                     | 14.9 | 15.6 | 16.6 | 16.2 | 16.8 | 16.2 | 13.8 | 11.4 | 10.2 | 10.1 | 9.0  | 9.4  | 10.2 | 11.8 | 14.6 | 13.4 | 16.2 | 17.4 | 16.3 | 15.4 | 14.4 | 14.6 | 14.6 | 15.8 | 14.0              |
| 7                     | 16.6 | 16.0 | 15.1 | 17.9 | 18.4 | 16.6 | 14.1 | 11.8 | 10.8 | 10.5 | 12.6 | 13.3 | 14.1 | 14.2 | 13.8 | 14.3 | 13.7 | 12.2 | 12.9 | 14.6 | 14.0 | 14.6 | 14.1 | 14.6 | 14.2              |
| 8                     | 15.9 | 17.0 | 17.4 | 17.5 | 17.0 | 15.5 | 12.9 | 10.5 | 9.3  | 9.4  | 9.7  | 11.8 | 12.6 | 13.0 | 13.4 | 13.3 | 13.4 | 13.6 | 13.7 | 13.7 | 13.9 | 14.6 | 15.1 | 15.0 | 13.7              |
| 9                     | 16.1 | 16.9 | 17.8 | 18.2 | 17.0 | 16.2 | 13.3 | 10.3 | 8.4  | 7.8  | 8.0  | 10.6 | 12.6 | 13.0 | 13.0 | 13.4 | 13.4 | 13.4 | 13.4 | 13.4 | 14.6 | 15.4 | 15.0 | 15.3 | 13.6              |
| 10                    | 15.1 | 16.1 | 17.5 | 17.9 | 18.2 | 17.1 | 13.8 | 10.6 | 8.0  | 7.4  | 8.2  | 9.8  | 11.8 | 13.8 | 14.4 | 13.8 | 13.2 | 13.0 | 13.1 | 14.2 | 13.8 | 14.2 | 14.2 | 13.6 | 13.4              |
| 11                    | 13.8 | 14.7 | 17.0 | 18.6 | 18.6 | 15.8 | 13.0 | 9.9  | 7.5  | 7.4  | 8.4  | 10.2 | 12.2 | 13.1 | 13.0 | 13.0 | 13.3 | 13.4 | 13.4 | 13.6 | 13.8 | 13.8 | 13.7 | 13.4 | 13.1              |
| 12                    | 14.2 | 15.1 | 17.6 | 18.6 | 18.3 | 16.6 | 13.4 | 11.0 | 9.4  | 8.2  | 8.2  | 9.0  | 11.4 | 13.0 | 12.8 | 12.6 | 12.8 | 13.0 | 13.4 | 14.2 | 14.2 | 14.2 | 14.2 | 13.8 | 13.3              |
| 13                    | 14.3 | 15.2 | 17.4 | 18.7 | 18.0 | 15.8 | 13.0 | 11.0 | 9.4  | 8.3  | 8.6  | 9.4  | 11.0 | 12.5 | 13.0 | 12.7 | 13.0 | 13.3 | 13.8 | 14.0 | 14.0 | 14.2 | 14.1 | 13.8 | 13.3              |
| 14                    | 14.6 | 16.1 | 17.2 | 17.4 | 16.6 | 16.1 | 13.4 | 10.7 | 7.8  | 6.6  | 7.8  | 9.1  | 11.6 | 12.2 | 11.8 | 11.4 | 13.0 | 14.4 | 14.5 | 15.0 | 13.4 | 15.4 | 14.2 | 15.8 | 13.2              |
| 15                    | 16.6 | 16.0 | 16.6 | 17.2 | 17.4 | 16.6 | 14.6 | 12.6 | 10.2 | 9.0  | 9.0  | 9.8  | 11.0 | 11.4 | 12.6 | 12.3 | 13.2 | 13.4 | 14.1 | 14.5 | 15.2 | 15.0 | 14.0 | 13.7 | 13.6              |
| 16                    | 13.8 | 14.9 | 16.6 | 17.6 | 17.8 | 17.0 | 14.2 | 11.6 | 8.9  | 8.6  | 9.0  | 10.1 | 11.4 | 12.2 | 12.5 | 12.6 | 12.9 | 13.7 | 14.0 | 13.8 | 13.8 | 14.2 | 14.6 | 15.0 | 13.4              |
| 17                    | 14.2 | 15.0 | 16.2 | 17.0 | 17.4 | 16.2 | 14.6 | 11.4 | 9.0  | 8.8  | 10.1 | 11.4 | 11.3 | 12.7 | 16.7 | 18.2 | 14.8 | 17.0 | 15.8 | 15.0 | 15.8 | 15.8 | 13.9 | 14.6 | 14.3              |
| 18                    | 13.8 | 12.4 | 13.4 | 14.9 | 14.6 | 13.1 | 13.4 | 12.2 | 11.4 | 11.7 | 11.7 | 12.2 | 13.7 | 14.6 | 16.6 | 16.2 | 17.4 | 15.0 | 14.9 | 14.6 | 13.4 | 13.8 | 14.2 | 14.1 | 13.9              |
| 19                    | 14.4 | 15.4 | 15.6 | 16.2 | 15.8 | 14.1 | 12.2 | 10.8 | 11.0 | 10.9 | 11.4 | 11.7 | 12.8 | 12.6 | 13.4 | 13.4 | 13.8 | 13.4 | 13.5 | 13.8 | 14.2 | 14.2 | 13.8 | 14.6 | 13.5              |
| 20                    | 15.0 | 15.3 | 15.7 | 15.4 | 15.1 | 13.8 | 12.2 | 10.6 | 10.1 | 9.4  | 10.0 | 11.9 | 12.3 | 13.0 | 13.0 | 13.2 | 13.3 | 13.4 | 13.5 | 13.8 | 13.8 | 13.8 | 14.4 | 14.2 | 13.2              |
| 21                    | 14.6 | 14.6 | 15.8 | 16.6 | 16.6 | 15.8 | 13.8 | 11.8 | 10.6 | 9.9  | 10.1 | 10.6 | 11.8 | 12.1 | 12.2 | 12.6 | 13.0 | 13.0 | 13.0 | 13.1 | 13.4 | 13.5 | 13.8 | 13.8 | 13.2              |
| 22                    | 14.2 | 14.8 | 15.0 | 15.1 | 14.6 | 13.8 | 13.0 | 11.3 | 9.0  | 7.4  | 7.3  | 9.0  | 11.0 | 12.3 | 12.7 | 12.6 | 12.7 | 13.0 | 13.8 | 13.6 | 13.5 | 13.5 | 13.3 | 13.4 | 12.5              |
| 23                    | 13.4 | 12.6 | 14.2 | 15.9 | 16.6 | 16.2 | 14.7 | 12.2 | 9.0  | 7.0  | 6.2  | 8.6  | 11.8 | 13.1 | 13.4 | 13.3 | 13.3 | 13.0 | 13.2 | 13.4 | 14.6 | 14.5 | 14.2 | 14.2 | 12.9              |
| 24                    | 15.0 | 16.2 | 16.6 | 16.9 | 16.6 | 15.0 | 13.7 | 11.8 | 9.5  | 8.0  | 8.2  | 9.3  | 11.1 | 12.2 | 12.6 | 14.2 | 13.8 | 13.0 | 13.3 | 13.1 | 12.8 | 14.8 | 14.8 | 14.8 | 13.2              |
| 25                    | 15.1 | 15.8 | 16.7 | 16.5 | 15.5 | 13.1 | 11.5 | 9.5  | 8.3  | 8.3  | 9.1  | 10.5 | 11.8 | 12.6 | 12.6 | 13.2 | 13.5 | 13.9 | 13.7 | 13.7 | 13.1 | 13.5 | 13.9 | 13.9 | 12.9              |
| 26                    | 14.8 | 15.6 | 16.4 | 16.8 | 16.0 | 13.5 | 11.6 | 9.6  | 8.4  | 7.2  | 8.0  | 9.9  | 12.3 | 12.7 | 13.6 | 13.4 | 13.2 | 13.6 | 13.6 | 13.6 | 14.0 | 14.3 | 14.2 | 14.4 | 12.9              |
| 27                    | 15.4 | 17.0 | 17.8 | 17.4 | 16.8 | 15.0 | 12.9 | 10.6 | 9.8  | 9.9  | 10.9 | 11.8 | 13.2 | 13.7 | 13.4 | 13.0 | 13.0 | 13.4 | 13.4 | 13.5 | 13.5 | 13.6 | 13.4 | 13.8 | 13.6              |
| 28                    | 14.6 | 16.1 | 16.5 | 16.6 | 16.0 | 14.9 | 12.6 | 10.4 | 8.4  | 7.4  | 7.8  | 9.4  | 11.0 | 12.2 | 12.5 | 12.2 | 12.3 | 13.0 | 13.3 | 12.6 | 13.8 | 13.8 | 13.7 | 14.2 | 12.7              |
| 29                    | 14.1 | 15.4 | 17.0 | 17.6 | 17.0 | 15.4 | 13.0 | 11.3 | 9.5  | 8.6  | 8.5  | 9.0  | 10.8 | 12.0 | 12.4 | 12.4 | 13.0 | 13.0 | 12.6 | 13.3 | 13.4 | 14.5 | 15.4 | 15.0 | 13.1              |
| 30                    | 15.0 | 15.0 | 15.8 | 15.8 | 15.8 | 14.2 | 11.7 | 10.6 | 8.6  | 8.1  | 7.0  | 9.3  | 12.1 | 13.8 | 12.9 | 13.0 | 13.0 | 13.3 | 13.8 | 14.5 | 14.2 | 13.2 | 14.3 | 14.7 | 12.9              |
| 31                    | 16.0 | 17.3 | 17.8 | 18.2 | 17.4 | 15.8 | 14.1 | 12.2 | 11.4 | 10.6 | 10.6 | 11.2 | 12.5 | 12.6 | 13.0 | 13.0 | 13.0 | 13.3 | 13.4 | 13.3 | 13.8 | 14.2 | 14.6 | 14.6 | 13.9              |
| реднее<br>по всем     | 14.6 | 15.1 | 16.1 | 16.8 | 16.7 | 15.4 | 13.3 | 11.2 | 9.5  | 8.9  | 9.3  | 10.3 | 11.8 | 12.7 | 13.1 | 13.2 | 13.4 | 13.5 | 13.7 | 13.9 | 13.9 | 14.2 | 14.2 | 14.3 | 13.3              |
| по Q                  | 14.9 | 16.1 | 17.4 | 17.9 | 17.3 | 15.6 | 13.2 | 11.0 | 9.7  | 8.9  | 9.2  | 10.2 | 11.8 | 12.8 | 12.9 | 12.7 | 12.8 | 13.2 | 13.5 | 13.5 | 13.9 | 14.0 | 14.0 | 14.0 | 13.4              |
| по D                  | 14.9 | 14.8 | 15.4 | 16.4 | 16.6 | 15.3 | 13.5 | 11.5 | 10.0 | 9.8  | 10.1 | 11.1 | 12.3 | 13.4 | 14.9 | 15.0 | 15.0 | 15.0 | 14.7 | 14.8 | 14.4 | 14.4 | 14.2 | 14.8 | 13.8              |



Май 1971 года

Широта  $41^{\circ}20'$

Долгота  $69^{\circ}37'$

| Время<br>миро-<br>вое | I  | 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. |    |
|-----------------------|----|-----|----|----|----|----|----|----|----|-----|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-------------------|----|
| DD                    | 1  | 85  | 84 | 79 | 71 | 71 | 77 | 80 | 91 | 97  | 96 | 89 | 86 | 83 | 83 | 80 | 78 | 79 | 79 | 79  | 84  | 86  | 84  | 81  | 81                | 83 |
|                       | 2  | 81  | 91 | 90 | 84 | 78 | 51 | 36 | 32 | 44  | 54 | 52 | 56 | 64 | 62 | 58 | 61 | 59 | 66 | 69  | 70  | 66  | 64  | 64  | 63                |    |
|                       | 3  | 69  | 74 | 76 | 74 | 71 | 70 | 69 | 73 | 76  | 74 | 74 | 76 | 77 | 74 | 71 | 71 | 74 | 74 | 76  | 79  | 76  | 84  | 79  | 74                |    |
|                       | 4  | 70  | 72 | 74 | 73 | 72 | 72 | 66 | 66 | 71  | 84 | 89 | 86 | 81 | 80 | 79 | 79 | 79 | 76 | 77  | 79  | 76  | 74  | 74  | 76                |    |
|                       | 5  | 76  | 79 | 79 | 76 | 66 | 64 | 68 | 74 | 79  | 81 | 81 | 87 | 89 | 84 | 82 | 91 | 84 | 84 | 84  | 86  | 86  | 81  | 81  | 73                | 80 |
| DD                    | 6  | 72  | 66 | 59 | 66 | 62 | 67 | 66 | 64 | 46  | 23 | 50 | 56 | 63 | 55 | 34 | 42 | 46 | 49 | 44  | 49  | 59  | 56  | 62  | 58                | 55 |
|                       | 7  | 55  | 47 | 44 | 42 | 12 | 9  | 24 | 24 | 39  | 44 | 34 | 32 | 33 | 42 | 40 | 47 | 56 | 74 | 72  | 64  | 71  | 59  | 58  | 59                | 45 |
|                       | 8  | 62  | 64 | 62 | 57 | 49 | 51 | 54 | 55 | 57  | 56 | 64 | 62 | 64 | 62 | 60 | 74 | 67 | 67 | 74  | 70  | 65  | 64  | 59  | 62                | 62 |
|                       | 9  | 62  | 62 | 56 | 48 | 44 | 47 | 54 | 55 | 54  | 47 | 50 | 62 | 59 | 51 | 53 | 72 | 66 | 66 | 70  | 76  | 68  | 59  | 64  | 62                | 59 |
|                       | 10 | 64  | 65 | 59 | 49 | 41 | 29 | 26 | 36 | 54  | 64 | 69 | 69 | 69 | 66 | 67 | 64 | 64 | 66 | 69  | 66  | 68  | 64  | 62  | 65                | 59 |
| QQ                    | 11 | 64  | 66 | 64 | 53 | 35 | 32 | 37 | 49 | 58  | 64 | 72 | 74 | 72 | 69 | 68 | 68 | 68 | 70 | 70  | 70  | 68  | 66  | 66  | 71                | 62 |
|                       | 12 | 72  | 78 | 79 | 74 | 66 | 64 | 59 | 64 | 69  | 75 | 84 | 86 | 86 | 82 | 76 | 79 | 79 | 77 | 76  | 76  | 71  | 71  | 69  | 69                | 74 |
|                       | 13 | 74  | 75 | 72 | 68 | 59 | 59 | 59 | 69 | 79  | 88 | 91 | 92 | 86 | 79 | 74 | 74 | 74 | 74 | 73  | 74  | 70  | 68  | 69  | 74                | 74 |
|                       | 14 | 80  | 77 | 73 | 64 | 65 | 66 | 77 | 74 | 78  | 81 | 74 | 79 | 73 | 75 | 81 | 84 | 81 | 55 | 56  | 54  | 74  | 61  | 67  | 67                | 72 |
|                       | 15 | 60  | 67 | 73 | 70 | 64 | 56 | 49 | 43 | 57  | 67 | 69 | 72 | 63 | 59 | 64 | 72 | 60 | 60 | 61  | 59  | 57  | 59  | 74  | 74                | 63 |
| DD                    | 16 | 76  | 75 | 75 | 71 | 71 | 70 | 69 | 67 | 75  | 78 | 82 | 86 | 82 | 79 | 77 | 79 | 79 | 85 | 77  | 74  | 72  | 72  | 72  | 72                | 76 |
|                       | 17 | 74  | 69 | 70 | 49 | 45 | 44 | 34 | 52 | 82  | 69 | 52 | 24 | 16 | 2  | 18 | 29 | 22 | 39 | 59  | 70  | 55  | 55  | 56  | 44                |    |
|                       | 18 | 46  | 57 | 42 | 20 | 21 | 19 | 6  | 20 | 25  | 24 | 39 | 24 | 17 | 6  | 11 | 22 | 36 | 56 | 42  | 51  | 60  | 50  | 52  | 54                | 33 |
|                       | 19 | 57  | 56 | 59 | 59 | 61 | 57 | 46 | 57 | 59  | 58 | 60 | 67 | 62 | 59 | 57 | 57 | 62 | 59 | 62  | 60  | 57  | 56  | 64  | 59                | 59 |
|                       | 20 | 62  | 64 | 59 | 52 | 46 | 44 | 49 | 57 | 59  | 66 | 64 | 59 | 63 | 59 | 61 | 64 | 64 | 63 | 62  | 62  | 66  | 64  | 65  | 60                |    |
| DD                    | 21 | 67  | 74 | 77 | 75 | 72 | 71 | 72 | 74 | 74  | 77 | 79 | 74 | 67 | 65 | 68 | 71 | 73 | 71 | 77  | 77  | 76  | 76  | 77  | 78                | 73 |
|                       | 22 | 80  | 78 | 79 | 68 | 55 | 56 | 64 | 70 | 75  | 89 | 94 | 92 | 82 | 77 | 72 | 74 | 77 | 77 | 79  | 80  | 82  | 83  | 82  | 77                |    |
|                       | 23 | 82  | 82 | 79 | 67 | 58 | 49 | 43 | 52 | 69  | 85 | 94 | 87 | 81 | 77 | 74 | 74 | 75 | 79 | 79  | 84  | 76  | 78  | 81  | 74                |    |
|                       | 24 | 84  | 82 | 79 | 69 | 66 | 66 | 66 | 68 | 77  | 87 | 91 | 88 | 84 | 76 | 77 | 83 | 78 | 77 | 78  | 82  | 87  | 70  | 68  | 69                | 77 |
|                       | 25 | 79  | 82 | 78 | 65 | 55 | 52 | 50 | 62 | 70  | 74 | 81 | 77 | 74 | 69 | 74 | 77 | 74 | 75 | 76  | 74  | 80  | 77  | 74  | 76                | 72 |
| QQ                    | 26 | 77  | 87 | 72 | 52 | 42 | 42 | 52 | 67 | 80  | 85 | 79 | 72 | 70 | 70 | 67 | 68 | 75 | 71 | 70  | 72  | 70  | 69  | 72  | 70                | 69 |
|                       | 27 | 78  | 78 | 72 | 63 | 60 | 60 | 59 | 71 | 84  | 89 | 92 | 88 | 80 | 75 | 75 | 74 | 75 | 75 | 76  | 75  | 75  | 76  | 76  | 76                | 75 |
|                       | 28 | 78  | 75 | 66 | 56 | 52 | 57 | 62 | 70 | 76  | 80 | 85 | 87 | 91 | 89 | 82 | 85 | 89 | 89 | 87  | 87  | 82  | 82  | 82  | 80                | 78 |
|                       | 29 | 84  | 87 | 82 | 72 | 64 | 64 | 79 | 90 | 92  | 92 | 90 | 90 | 90 | 88 | 88 | 80 | 90 | 89 | 100 | 102 | 104 | 104 | 107 | 112               | 90 |
|                       | 30 | 106 | 99 | 92 | 89 | 79 | 71 | 69 | 89 | 112 | 85 | 68 | 69 | 60 | 42 | 50 | 56 | 67 | 71 | 72  | 70  | 67  | 72  | 68  | 67                | 75 |
| Q                     | 31 | 67  | 66 | 62 | 57 | 52 | 55 | 64 | 67 | 72  | 75 | 76 | 74 | 73 | 76 | 74 | 74 | 76 | 78 | 82  | 82  | 79  | 82  | 82  | 70                |    |
| Среднее<br>по всем    | 72 | 73  | 70 | 63 | 56 | 54 | 55 | 61 | 69 | 71  | 73 | 72 | 69 | 66 | 64 | 67 | 69 | 70 | 71 | 72  | 73  | 70  | 71  | 71  | 68                |    |
| по Q                  | 74 | 74  | 70 | 64 | 57 | 58 | 59 | 68 | 75 | 81  | 85 | 86 | 83 | 80 | 77 | 77 | 78 | 78 | 78 | 79  | 76  | 75  | 75  | 76  | 74                |    |
| по D<br>дням          | 71 | 68  | 61 | 53 | 44 | 42 | 40 | 50 | 61 | 49  | 49 | 41 | 35 | 32 | 27 | 30 | 47 | 54 | 54 | 59  | 65  | 58  | 59  | 59  | 50                |    |

Май 1971 года

Широта  $41^{\circ}20'$

Долгота  $69^{\circ}37'$

| Время<br>миро-<br>вое | 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. |     |
|-----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------------------|-----|
| 1                     | -15 | -14 | -12 | -14 | -18 | -21 | -26 | -30 | -29 | -27 | -26 | -24 | -20 | -18 | -19 | -19 | -18 | -18 | -18 | -17 | -18 | -19 | -19 | -18 | -20               |     |
| 2                     | -21 | -19 | -15 | -15 | -17 | -22 | -27 | -27 | -20 | -19 | -19 | -21 | -18 | -15 | -15 | -14 | -14 | -13 | -13 | -14 | -15 | -15 | -16 | -16 | -18               |     |
| 3                     | -14 | -16 | -17 | -17 | -20 | -23 | -31 | -37 | -39 | -34 | -28 | -24 | -20 | -18 | -18 | -17 | -16 | -15 | -15 | -15 | -16 | -16 | -20 | -20 | -21               |     |
| 4                     | -19 | -17 | -13 | -15 | -19 | -27 | -37 | -33 | -28 | -28 | -24 | -20 | -17 | -17 | -20 | -19 | -19 | -18 | -17 | -17 | -19 | -19 | -18 | -18 | -21               |     |
| 5                     | -15 | -14 | -11 | -11 | -19 | -27 | -31 | -30 | -28 | -27 | -26 | -23 | -19 | -20 | -21 | -18 | -18 | -17 | -17 | -16 | -20 | -21 | -21 | -20 | -20               |     |
| Д<br>Д                | 6   | -15 | -15 | -14 | -14 | -19 | -25 | -34 | -38 | -33 | -23 | -13 | -14 | -11 | -10 | -10 | -8  | -6  | -7  | -11 | -9  | -12 | -12 | -15 | -16               |     |
|                       | 7   | -13 | -13 | -13 | -13 | -21 | -21 | -22 | -26 | -21 | -21 | -18 | -13 | -10 | -10 | -11 | -9  | -9  | -11 | -14 | -16 | -14 | -17 | -17 | -15               |     |
|                       | 8   | -12 | -9  | -12 | -16 | -21 | -29 | -41 | -41 | -35 | -27 | -21 | -12 | -13 | -13 | -15 | -14 | -16 | -16 | -14 | -18 | -17 | -17 | -17 | -19               |     |
|                       | 9   | -10 | -10 | -13 | -15 | -18 | -31 | -37 | -39 | -31 | -25 | -18 | -10 | -9  | -11 | -13 | -11 | -14 | -15 | -14 | -14 | -18 | -17 | -15 | -18               |     |
|                       | 10  | -12 | -10 | -7  | -7  | -10 | -14 | -21 | -23 | -20 | -17 | -14 | -12 | -8  | -7  | -13 | -14 | -14 | -14 | -14 | -14 | -14 | -16 | -16 | -14               |     |
| Q<br>Q                | 11  | -12 | -7  | -7  | -15 | -23 | -28 | -38 | -41 | -33 | -23 | -15 | -12 | -11 | -15 | -16 | -16 | -16 | -16 | -16 | -17 | -17 | -16 | -15 | -20               |     |
|                       | 12  | -13 | -10 | -11 | -16 | -23 | -26 | -31 | -31 | -25 | -23 | -19 | -11 | -7  | -10 | -17 | -17 | -18 | -17 | -17 | -18 | -18 | -18 | -19 | -18               |     |
|                       | 13  | -15 | -13 | -12 | -16 | -24 | -29 | -29 | -30 | -30 | -33 | -28 | -22 | -19 | -18 | -18 | -18 | -17 | -17 | -19 | -19 | -19 | -18 | -17 | -21               |     |
|                       | 14  | -13 | -13 | -15 | -16 | -16 | -25 | -33 | -31 | -26 | -25 | -25 | -17 | -16 | -16 | -17 | -18 | -17 | -19 | -15 | -16 | -13 | -20 | -17 | -19               |     |
|                       | 15  | -16 | -13 | -12 | -12 | -13 | -17 | -25 | -30 | -29 | -30 | -26 | -17 | -16 | -15 | -13 | -15 | -13 | -13 | -13 | -14 | -14 | -15 | -16 | -17               |     |
| Д<br>Д                | 16  | -13 | -11 | -10 | -14 | -18 | -27 | -35 | -37 | -41 | -37 | -32 | -24 | -21 | -20 | -21 | -20 | -29 | -18 | -18 | -20 | -19 | -19 | -19 | -22               |     |
|                       | 17  | -15 | -15 | -13 | -14 | -17 | -25 | -31 | -31 | -30 | -31 | -23 | -13 | -14 | -8  | -3  | -3  | -4  | -2  | -2  | -3  | -7  | -14 | -14 | -14               |     |
|                       | 18  | -16 | -15 | -23 | -24 | -25 | -29 | -32 | -25 | -22 | -19 | -10 | -10 | -5  | -3  | 0   | -1  | -1  | -7  | -10 | -8  | -13 | -13 | -11 | -14               |     |
|                       | 19  | -9  | -9  | -10 | -13 | -15 | -20 | -27 | -26 | -25 | -25 | -18 | -13 | -10 | -9  | -11 | -12 | -12 | -14 | -13 | -13 | -13 | -13 | -15 | -15               |     |
|                       | 20  | -10 | -10 | -14 | -21 | -22 | -27 | -31 | -32 | -27 | -25 | -23 | -13 | -10 | -13 | -15 | -15 | -15 | -16 | -16 | -15 | -15 | -16 | -15 | -18               |     |
| Q<br>Q<br>Д<br>Q      | 21  | -14 | -11 | -10 | -10 | -16 | -26 | -37 | -37 | -35 | -31 | -27 | -19 | -16 | -18 | -19 | -17 | -16 | -17 | -16 | -17 | -17 | -18 | -17 | -20               |     |
|                       | 22  | -13 | -12 | -13 | -15 | -18 | -25 | -37 | -42 | -46 | -39 | -31 | -22 | -16 | -15 | -17 | -17 | -18 | -18 | -17 | -18 | -18 | -19 | -19 | -22               |     |
|                       | 23  | -15 | -13 | -11 | -9  | -13 | -25 | -41 | -41 | -40 | -36 | -29 | -22 | -16 | -17 | -19 | -19 | -20 | -19 | -19 | -18 | -17 | -21 | -21 | -22               |     |
|                       | 24  | -14 | -14 | -14 | -17 | -19 | -25 | -34 | -36 | -38 | -41 | -38 | -28 | -19 | -18 | -19 | -17 | -19 | -19 | -19 | -19 | -23 | -23 | -22 | -23               |     |
|                       | 25  | -15 | -12 | -14 | -17 | -21 | -28 | -34 | -31 | -27 | -26 | -24 | -20 | -17 | -19 | -20 | -19 | -19 | -19 | -19 | -20 | -19 | -21 | -21 | -21               |     |
|                       | 26  | -14 | -13 | -15 | -17 | -17 | -24 | -35 | -32 | -28 | -27 | -23 | -16 | -11 | -15 | -17 | -18 | -19 | -20 | -19 | -19 | -19 | -18 | -19 | -20               |     |
|                       | 27  | -13 | -12 | -13 | -18 | -20 | -22 | -28 | -37 | -39 | -35 | -33 | -27 | -20 | -20 | -21 | -21 | -21 | -21 | -21 | -22 | -21 | -22 | -20 | -23               |     |
|                       | 28  | -16 | -15 | -17 | -21 | -30 | -34 | -36 | -33 | -29 | -28 | -28 | -24 | -20 | -20 | -21 | -20 | -19 | -18 | -20 | -20 | -20 | -21 | -21 | -19               | -23 |
|                       | 29  | -16 | -13 | -15 | -16 | -20 | -25 | -34 | -36 | -37 | -35 | -32 | -28 | -24 | -21 | -23 | -22 | -21 | -22 | -20 | -20 | -19 | -19 | -19 | -20               | -23 |
|                       | 30  | -20 | -18 | -18 | -20 | -24 | -29 | -41 | -48 | -48 | -47 | -33 | -22 | -18 | -14 | -12 | -13 | -13 | -14 | -15 | -16 | -17 | -17 | -18 | -17               | -23 |
|                       | 31  | -13 | -11 | -15 | -22 | -30 | -35 | -35 | -33 | -32 | -35 | -35 | -26 | -21 | -19 | -19 | -21 | -19 | -20 | -19 | -19 | -20 | -21 | -21 | -19               | -23 |
| среднее<br>по всем    | -14 | -13 | -13 | -15 | -20 | -26 | -33 | -34 | -32 | -29 | -25 | -19 | -15 | -15 | -16 | -15 | -15 | -16 | -16 | -16 | -17 | -18 | -18 | -17 | -19               |     |
| по Q                  | -14 | -12 | -14 | -19 | -25 | -29 | -32 | -33 | -31 | -31 | -29 | -22 | -17 | -17 | -19 | -19 | -19 | -19 | -19 | -19 | -20 | -20 | -20 | -19 | -22               |     |
| по Д<br>днем          | -16 | -15 | -16 | -17 | -21 | -26 | -32 | -34 | -31 | -28 | -19 | -14 | -12 | -9  | -7  | -7  | -5  | -8  | -10 | -10 | -13 | -15 | -15 | -15 | -16               |     |

ИЮНЬ 1971 года

Долгота  $69^{\circ} 37'$

|                 |    | Время :<br>миро- :<br>вое : |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | : Средне<br>: суточн. |  |
|-----------------|----|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------------------|--|
|                 |    | I                           | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 18   | 19   | 20   | 21   | 22   | 23   | 24   |                       |  |
| D               | 1  | 15.0                        | 15.8 | 16.6 | 17.0 | 16.6 | 15.3 | 13.0 | 11.0 | 9.8  | 9.7  | 8.2  | 9.4  | 11.1 | 12.2 | 12.5 | 12.6 | 13.1 | 12.7 | 14.2 | 13.3 | 15.4 | 14.5 | 15.0 | 16.2 | 13.3                  |  |
|                 | 2  | 17.0                        | 17.4 | 16.8 | 15.3 | 14.8 | 14.6 | 13.0 | 11.4 | 10.8 | 11.4 | 10.2 | 10.6 | 12.2 | 12.6 | 14.1 | 14.4 | 14.6 | 14.6 | 13.8 | 13.7 | 15.4 | 15.8 | 15.7 | 14.0 |                       |  |
|                 | 3  | 15.6                        | 14.6 | 15.9 | 16.2 | 15.8 | 15.3 | 13.4 | 12.5 | 10.6 | 9.8  | 9.4  | 9.8  | 11.3 | 12.6 | 12.6 | 12.6 | 13.4 | 13.6 | 13.4 | 15.0 | 15.0 | 14.7 | 14.4 | 15.0 | 13.4                  |  |
|                 | 4  | 15.4                        | 16.2 | 16.6 | 17.0 | 17.0 | 15.1 | 13.0 | 11.8 | 11.0 | 10.6 | 10.4 | 10.2 | 11.4 | 12.4 | 12.6 | 12.6 | 13.0 | 14.0 | 14.2 | 13.8 | 14.0 | 14.2 | 14.2 | 15.0 | 13.6                  |  |
|                 | 5  | 15.0                        | 16.2 | 17.4 | 16.9 | 16.6 | 15.4 | 13.1 | 11.4 | 10.1 | 9.8  | 9.8  | 10.4 | 11.8 | 13.3 | 13.1 | 13.0 | 13.0 | 13.4 | 13.7 | 13.4 | 14.2 | 14.6 | 14.3 | 14.2 | 13.5                  |  |
| Q               | 6  | 14.8                        | 15.6 | 16.6 | 17.5 | 17.0 | 15.4 | 14.2 | 12.2 | 10.6 | 9.7  | 9.8  | 10.6 | 11.8 | 12.3 | 13.4 | 13.4 | 14.1 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.4 | 13.7                  |  |
|                 | 7  | 15.1                        | 16.6 | 17.8 | 18.6 | 19.0 | 17.3 | 14.5 | 12.2 | 9.9  | 8.6  | 8.9  | 9.8  | 11.1 | 12.3 | 13.0 | 13.1 | 13.1 | 13.4 | 13.4 | 13.4 | 13.4 | 13.7 | 13.7 | 13.8 | 13.6                  |  |
| Q               | 8  | 14.2                        | 15.4 | 16.2 | 16.3 | 17.0 | 15.6 | 12.6 | 10.6 | 9.4  | 9.0  | 9.0  | 10.0 | 11.6 | 12.6 | 13.1 | 13.0 | 13.0 | 13.1 | 13.5 | 14.1 | 13.8 | 13.6 | 13.9 | 14.3 | 13.1                  |  |
|                 | 9  | 15.7                        | 17.9 | 19.4 | 20.0 | 19.8 | 17.4 | 13.7 | 10.0 | 8.9  | 8.6  | 9.4  | 10.6 | 12.2 | 13.0 | 13.4 | 13.0 | 13.0 | 12.6 | 13.0 | 13.4 | 13.4 | 13.4 | 13.4 | 13.5 | 13.7                  |  |
| Q               | 10 | 14.7                        | 17.0 | 18.2 | 18.6 | 17.7 | 15.8 | 13.4 | 11.4 | 8.9  | 7.4  | 8.0  | 9.5  | 11.8 | 12.7 | 12.6 | 12.5 | 12.5 | 12.9 | 13.3 | 13.8 | 13.9 | 14.2 | 14.2 | 14.2 | 13.3                  |  |
|                 | 11 | 14.9                        | 16.4 | 17.9 | 18.8 | 18.7 | 17.6 | 15.4 | 13.0 | 10.4 | 8.8  | 8.6  | 9.4  | 11.3 | 12.7 | 13.4 | 13.0 | 13.3 | 13.5 | 13.6 | 13.4 | 13.8 | 13.8 | 14.2 | 14.3 | 13.8                  |  |
| Q               | 12 | 15.0                        | 15.8 | 16.5 | 16.2 | 16.2 | 15.4 | 12.9 | 11.0 | 9.7  | 8.6  | 8.6  | 9.0  | 10.2 | 12.2 | 12.9 | 12.6 | 12.7 | 12.8 | 13.3 | 13.7 | 13.8 | 14.2 | 14.2 | 14.2 | 13.0                  |  |
|                 | 13 | 14.6                        | 15.8 | 16.9 | 17.8 | 17.8 | 16.3 | 14.1 | 12.6 | 10.2 | 8.8  | 7.1  | 7.4  | 9.4  | 11.0 | 13.4 | 14.6 | 14.6 | 14.5 | 14.8 | 15.4 | 15.8 | 15.7 | 15.8 | 15.5 | 13.7                  |  |
|                 | 14 | 16.0                        | 17.0 | 17.8 | 17.4 | 16.7 | 15.0 | 13.5 | 12.4 | 11.2 | 10.2 | 10.2 | 10.6 | 11.8 | 13.0 | 13.4 | 13.8 | 14.5 | 14.0 | 13.8 | 14.2 | 14.6 | 14.9 | 14.7 | 14.6 | 14.0                  |  |
|                 | 15 | 15.3                        | 16.2 | 17.0 | 16.6 | 15.3 | 13.4 | 11.2 | 9.4  | 8.6  | 8.2  | 8.8  | 10.1 | 11.3 | 12.2 | 12.2 | 12.0 | 12.0 | 12.3 | 12.9 | 13.4 | 13.8 | 14.0 | 14.0 | 14.6 | 12.7                  |  |
| Q               | 16 | 15.5                        | 17.0 | 17.3 | 17.8 | 17.4 | 15.4 | 12.9 | 10.1 | 8.2  | 7.8  | 8.6  | 10.6 | 12.4 | 13.9 | 13.7 | 13.3 | 13.3 | 13.3 | 12.9 | 12.9 | 13.0 | 13.4 | 14.2 | 14.7 | 13.3                  |  |
|                 | 17 | 15.1                        | 16.4 | 17.0 | 16.5 | 15.1 | 12.5 | 10.2 | 8.4  | 7.4  | 7.8  | 7.5  | 10.0 | 11.8 | 12.3 | 12.2 | 12.3 | 12.3 | 12.6 | 12.9 | 13.0 | 13.4 | 13.4 | 13.5 | 14.2 | 12.4                  |  |
|                 | 18 | 15.8                        | 17.4 | 17.8 | 17.8 | 16.4 | 14.2 | 12.8 | 12.6 | 12.2 | 11.4 | 10.9 | 11.4 | 12.3 | 12.4 | 12.2 | 12.2 | 12.4 | 12.6 | 13.0 | 13.4 | 13.8 | 13.7 | 13.0 | 13.8 | 13.6                  |  |
|                 | 19 | 15.0                        | 17.0 | 17.2 | 16.4 | 15.0 | 12.6 | 11.0 | 9.8  | 9.0  | 8.6  | 9.4  | 10.4 | 11.8 | 12.5 | 12.2 | 12.2 | 12.2 | 12.6 | 13.0 | 13.3 | 13.4 | 13.4 | 13.4 | 13.8 | 12.7                  |  |
|                 | 20 | 14.9                        | 16.3 | 17.2 | 16.8 | 15.8 | 14.3 | 13.0 | 12.2 | 11.8 | 10.6 | 10.3 | 11.1 | 11.8 | 12.0 | 12.2 | 12.2 | 12.2 | 12.5 | 12.7 | 13.3 | 13.4 | 13.4 | 13.4 | 13.7 | 13.2                  |  |
| Q               | 21 | 15.0                        | 16.4 | 17.0 | 17.0 | 16.6 | 15.0 | 13.0 | 11.4 | 9.7  | 8.7  | 8.8  | 10.1 | 11.8 | 13.0 | 12.9 | 12.6 | 12.6 | 13.0 | 13.3 | 13.4 | 13.4 | 13.6 | 13.4 | 14.2 | 13.2                  |  |
|                 | 22 | 15.4                        | 17.0 | 17.4 | 16.6 | 15.0 | 13.4 | 11.2 | 9.6  | 9.0  | 8.2  | 8.8  | 10.6 | 12.2 | 13.4 | 13.0 | 13.0 | 13.2 | 13.4 | 13.4 | 13.6 | 13.8 | 13.8 | 14.1 | 14.5 | 13.1                  |  |
|                 | 23 | 15.8                        | 17.7 | 19.5 | 19.1 | 17.8 | 15.4 | 12.4 | 10.2 | 8.1  | 8.6  | 9.4  | 10.9 | 13.5 | 13.8 | 13.2 | 12.9 | 12.5 | 12.7 | 13.0 | 13.1 | 13.4 | 13.4 | 13.4 | 13.8 | 13.5                  |  |
|                 | 24 | 14.9                        | 16.6 | 17.0 | 17.0 | 16.6 | 15.4 | 13.0 | 11.0 | 9.7  | 8.7  | 9.4  | 10.3 | 11.6 | 12.2 | 12.5 | 12.6 | 12.6 | 12.6 | 13.0 | 13.7 | 14.9 | 14.6 | 14.8 | 15.3 | 13.3                  |  |
|                 | 25 | 15.7                        | 17.4 | 16.9 | 16.2 | 15.4 | 15.0 | 13.0 | 11.4 | 10.1 | 10.2 | 10.1 | 9.8  | 12.6 | 14.0 | 14.6 | 16.2 | 16.2 | 13.8 | 12.6 | 13.0 | 13.0 | 13.7 | 14.6 | 15.4 | 13.8                  |  |
| D               | 26 | 16.4                        | 16.6 | 17.2 | 17.2 | 17.0 | 14.6 | 11.8 | 9.8  | 9.0  | 8.0  | 9.4  | 10.2 | 11.8 | 12.7 | 13.2 | 13.0 | 12.9 | 12.8 | 13.4 | 13.9 | 14.2 | 14.5 | 14.2 | 14.2 | 13.2                  |  |
|                 | 27 | 14.6                        | 15.8 | 17.0 | 17.4 | 17.3 | 16.2 | 13.8 | 12.2 | 11.6 | 10.6 | 10.2 | 10.6 | 12.2 | 12.6 | 13.0 | 12.5 | 12.6 | 12.6 | 12.6 | 13.0 | 13.4 | 13.7 | 13.8 | 14.2 | 13.5                  |  |
|                 | 28 | 15.1                        | 16.9 | 17.9 | 17.9 | 17.4 | 15.4 | 13.3 | 11.7 | 9.8  | 9.7  | 10.2 | 11.0 | 12.2 | 13.0 | 11.4 | 11.7 | 11.8 | 12.3 | 13.0 | 13.8 | 15.0 | 15.0 | 14.6 | 14.2 | 13.5                  |  |
|                 | 29 | 14.6                        | 15.8 | 16.2 | 17.0 | 15.4 | 12.9 | 11.0 | 9.2  | 8.0  | 6.9  | 6.6  | 6.6  | 10.2 | 11.7 | 11.0 | 10.9 | 12.6 | 13.9 | 15.4 | 15.1 | 17.0 | 16.8 | 17.4 | 16.6 | 12.9                  |  |
|                 | 30 | 16.7                        | 18.1 | 19.4 | 19.6 | 18.8 | 17.0 | 14.8 | 12.6 | 11.4 | 10.9 | 11.1 | 11.1 | 12.2 | 14.2 | 14.6 | 13.3 | 13.3 | 13.1 | 13.4 | 14.4 | 14.6 | 15.0 | 14.4 | 14.6 | 14.5                  |  |
| Среднее по всем |    | 15.3                        | 16.5 | 17.3 | 17.4 | 16.8 | 15.1 | 12.9 | 11.2 | 9.8  | 9.2  | 9.2  | 10.1 | 11.7 | 12.7 | 12.9 | 12.9 | 13.1 | 13.2 | 13.4 | 13.7 | 14.1 | 14.2 | 14.3 | 14.6 | 13.3                  |  |
| по Q            |    | 15.1                        | 16.7 | 17.6 | 17.6 | 17.2 | 15.4 | 13.0 | 11.0 | 9.9  | 9.0  | 9.3  | 10.2 | 11.4 | 12.4 | 12.7 | 12.6 | 12.6 | 12.8 | 13.1 | 13.4 | 13.5 | 13.6 | 13.6 | 13.8 | 13.2                  |  |
| по D            |    | 15.6                        | 16.2 | 16.5 | 16.3 | 15.6 | 14.6 | 12.7 | 11.1 | 9.9  | 9.6  | 8.9  | 9.2  | 11.5 | 12.6 | 13.0 | 13.3 | 14.0 | 13.7 | 14.0 | 14.0 | 14.8 | 15.0 | 15.4 | 15.8 | 13.5                  |  |
| АНЗМ            |    |                             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                       |  |

Июнь 1971 года

Широта  $41^{\circ} 20'$

Долгота  $69^{\circ} 37'$

| Дни |    | Время :<br>миро-<br>вое. : |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |    |    |    |    |    |    |    | Средне<br>: суточн. |      |
|-----|----|----------------------------|----|----|----|----|----|----|----|----|----|----|----|----|-----|----|----|----|----|----|----|----|----|----|---------------------|------|
|     |    | I                          | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14  | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |                     |      |
| D   | 1  | 88                         | 93 | 93 | 88 | 85 | 86 | 83 | 78 | 49 | 35 | 44 | 35 | 58 | 63  | 57 | 50 | 56 | 67 | 66 | 73 | 69 | 85 | 85 | 79                  | 69   |
|     | 2  | 82                         | 68 | 66 | 56 | 54 | 53 | 53 | 67 | 64 | 49 | 51 | 36 | 58 | 45  | 51 | 62 | 54 | 58 | 63 | 68 | 84 | 76 | 69 | 66                  | 61   |
|     | 3  | 65                         | 71 | 49 | 48 | 52 | 52 | 42 | 21 | 44 | 66 | 76 | 70 | 66 | 61  | 66 | 70 | 71 | 71 | 81 | 73 | 69 | 66 | 64 | 66                  | 62   |
|     | 4  | 65                         | 67 | 64 | 59 | 55 | 57 | 60 | 61 | 73 | 84 | 81 | 75 | 68 | 70  | 71 | 71 | 77 | 77 | 78 | 77 | 75 | 73 | 73 | 72                  | 70   |
|     | 5  | 71                         | 71 | 60 | 51 | 48 | 50 | 65 | 73 | 81 | 83 | 86 | 81 | 75 | 71  | 71 | 71 | 73 | 75 | 75 | 78 | 75 | 73 | 71 | 75                  | 71   |
| Q   | 6  | 81                         | 82 | 74 | 62 | 57 | 57 | 60 | 58 | 70 | 86 | 91 | 87 | 80 | 74  | 71 | 65 | 64 | 67 | 68 | 67 | 68 | 70 | 71 | 71                  | 71   |
|     | 7  | 74                         | 76 | 73 | 73 | 70 | 68 | 70 | 71 | 77 | 85 | 86 | 83 | 81 | 79  | 75 | 76 | 77 | 79 | 81 | 81 | 83 | 80 | 79 | 81                  | 77   |
|     | 8  | 82                         | 81 | 76 | 73 | 61 | 58 | 65 | 66 | 67 | 71 | 81 | 83 | 80 | 76  | 71 | 71 | 71 | 73 | 76 | 75 | 76 | 75 | 76 | 74                  | 73   |
|     | 9  | 78                         | 78 | 72 | 62 | 49 | 51 | 63 | 75 | 84 | 91 | 93 | 96 | 92 | 79  | 73 | 71 | 71 | 75 | 78 | 78 | 76 | 76 | 76 | 80                  | 76   |
|     | 10 | 83                         | 83 | 80 | 75 | 69 | 57 | 57 | 66 | 73 | 76 | 81 | 91 | 88 | 86  | 82 | 87 | 85 | 86 | 86 | 88 | 87 | 86 | 88 | 91                  | 80   |
| Q   | 11 | 93                         | 93 | 92 | 82 | 66 | 49 | 42 | 43 | 55 | 60 | 58 | 64 | 66 | 68  | 70 | 72 | 81 | 80 | 77 | 76 | 76 | 79 | 76 | 78                  | 71   |
|     | 12 | 85                         | 91 | 90 | 82 | 84 | 68 | 63 | 62 | 69 | 76 | 76 | 82 | 88 | 86  | 80 | 81 | 83 | 84 | 84 | 83 | 81 | 78 | 76 | 81                  | 80   |
|     | 13 | 84                         | 89 | 90 | 86 | 79 | 70 | 66 | 69 | 67 | 72 | 81 | 91 | 95 | 100 | 77 | 57 | 55 | 62 | 64 | 64 | 63 | 65 | 66 | 70                  | 74   |
|     | 14 | 73                         | 74 | 69 | 60 | 51 | 43 | 42 | 49 | 61 | 66 | 64 | 63 | 64 | 59  | 62 | 69 | 69 | 70 | 71 | 69 | 70 | 68 | 69 | 71                  | 64   |
|     | 15 | 75                         | 79 | 79 | 71 | 62 | 63 | 61 | 59 | 62 | 66 | 79 | 86 | 86 | 84  | 81 | 86 | 89 | 89 | 89 | 89 | 88 | 85 | 87 | 89                  | 78   |
| Q   | 16 | 94                         | 91 | 83 | 76 | 69 | 70 | 71 | 74 | 84 | 87 | 89 | 81 | 76 | 73  | 68 | 69 | 75 | 75 | 79 | 81 | 83 | 82 | 82 | 82                  | 79   |
|     | 17 | 89                         | 88 | 85 | 79 | 69 | 64 | 72 | 74 | 85 | 99 | 91 | 59 | 56 | 67  | 74 | 72 | 76 | 80 | 81 | 81 | 81 | 81 | 81 | 83                  | 78   |
|     | 18 | 86                         | 83 | 81 | 72 | 64 | 61 | 69 | 74 | 89 | 91 | 84 | 76 | 69 | 70  | 75 | 79 | 80 | 80 | 81 | 80 | 77 | 79 | 84 | 84                  | 78   |
|     | 19 | 83                         | 79 | 74 | 68 | 66 | 69 | 76 | 84 | 94 | 98 | 95 | 91 | 89 | 86  | 86 | 86 | 86 | 87 | 86 | 87 | 89 | 91 | 91 | 91                  | 85   |
|     | 20 | 93                         | 92 | 89 | 82 | 74 | 69 | 67 | 69 | 74 | 76 | 80 | 83 | 84 | 86  | 84 | 83 | 84 | 84 | 85 | 86 | 87 | 87 | 90 | 95                  | 83</ |

И ю н ь 1971 года

Широта  $41^{\circ} 20'$

Долгота  $69^{\circ}37'$

| Время :<br>миро- :<br>вое : |    | I  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | :<br>Средне :<br>суточн. |
|-----------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--------------------------|
| D                           | 1  | 17 | 15 | 19 | 23 | 25 | 37 | 44 | 41 | 39 | 33 | 28 | 23 | 11 | 11 | 15 | 16 | 12 | 12 | 13 | 13 | 16 | 13 | 21 | 18 | 21                       |
| D                           | 2  | 15 | 19 | 20 | 25 | 25 | 29 | 31 | 29 | 27 | 25 | 20 | 19 | 9  | 10 | 7  | 12 | 12 | 12 | 13 | 13 | 15 | 19 | 20 | 18 | 18                       |
| D                           | 3  | 16 | 17 | 21 | 20 | 24 | 26 | 34 | 38 | 35 | 33 | 30 | 26 | 20 | 18 | 18 | 18 | 17 | 17 | 17 | 20 | 19 | 19 | 18 | 15 | 22                       |
|                             | 4  | 15 | 12 | 12 | 12 | 17 | 23 | 27 | 27 | 24 | 23 | 23 | 23 | 21 | 17 | 19 | 20 | 17 | 17 | 19 | 19 | 19 | 19 | 20 | 20 | 19                       |
|                             | 5  | 19 | 16 | 18 | 19 | 21 | 24 | 32 | 33 | 36 | 33 | 29 | 23 | 21 | 20 | 21 | 20 | 19 | 19 | 19 | 19 | 20 | 20 | 20 | 18 | 22                       |
|                             | 6  | 13 | 13 | 16 | 21 | 24 | 33 | 41 | 45 | 44 | 39 | 33 | 24 | 21 | 16 | 16 | 18 | 17 | 17 | 17 | 18 | 18 | 20 | 20 | 18 | 23                       |
| Q                           | 7  | 14 | 14 | 17 | 22 | 28 | 35 | 41 | 43 | 39 | 34 | 31 | 27 | 22 | 19 | 21 | 21 | 22 | 22 | 22 | 22 | 22 | 23 | 22 | 20 | 25                       |
|                             | 8  | 16 | 14 | 16 | 23 | 28 | 30 | 29 | 32 | 32 | 25 | 24 | 21 | 17 | 17 | 19 | 20 | 20 | 21 | 20 | 20 | 21 | 23 | 23 | 20 | 22                       |
| Q                           | 9  | 13 | 12 | 16 | 23 | 37 | 42 | 46 | 49 | 49 | 41 | 31 | 25 | 20 | 21 | 22 | 21 | 20 | 20 | 21 | 21 | 22 | 22 | 21 | 19 | 26                       |
|                             | 10 | 14 | 12 | 13 | 19 | 29 | 38 | 38 | 38 | 37 | 32 | 28 | 20 | 19 | 18 | 22 | 22 | 22 | 21 | 21 | 22 | 23 | 23 | 23 | 22 | 24                       |
|                             | 11 | 19 | 17 | 18 | 24 | 32 | 43 | 47 | 44 | 39 | 35 | 31 | 28 | 19 | 18 | 20 | 21 | 21 | 23 | 23 | 24 | 23 | 22 | 23 | 21 | 26                       |
| Q                           | 12 | 18 | 18 | 22 | 23 | 27 | 29 | 37 | 37 | 37 | 36 | 27 | 20 | 18 | 19 | 22 | 23 | 23 | 23 | 22 | 23 | 23 | 24 | 24 | 23 | 25                       |
|                             | 13 | 19 | 14 | 13 | 13 | 17 | 26 | 37 | 41 | 38 | 38 | 34 | 28 | 22 | 16 | 19 | 20 | 19 | 16 | 16 | 16 | 17 | 18 | 18 | 17 | 22                       |
|                             | 14 | 14 | 13 | 13 | 20 | 25 | 29 | 28 | 28 | 25 | 28 | 28 | 22 | 18 | 18 | 18 | 18 | 20 | 20 | 20 | 20 | 20 | 21 | 22 | 21 | 21                       |
|                             | 15 | 17 | 15 | 21 | 30 | 38 | 41 | 46 | 48 | 49 | 42 | 33 | 27 | 23 | 23 | 25 | 25 | 25 | 24 | 23 | 22 | 23 | 23 | 23 | 22 | 29                       |
|                             | 16 | 19 | 16 | 17 | 10 | 31 | 33 | 33 | 35 | 44 | 44 | 36 | 27 | 22 | 20 | 22 | 22 | 20 | 21 | 22 | 21 | 21 | 22 | 21 | 20 | 25                       |
|                             | 17 | 18 | 16 | 20 | 26 | 33 | 37 | 35 | 41 | 37 | 29 | 25 | 22 | 18 | 18 | 20 | 22 | 20 | 22 | 24 | 24 | 23 | 23 | 23 | 20 | 25                       |
|                             | 18 | 15 | 17 | 20 | 23 | 26 | 29 | 30 | 29 | 28 | 32 | 32 | 27 | 25 | 24 | 25 | 24 | 24 | 24 | 24 | 23 | 24 | 24 | 23 | 22 | 24                       |
| Q                           | 19 | 17 | 17 | 19 | 23 | 32 | 40 | 40 | 40 | 42 | 40 | 36 | 27 | 23 | 24 | 24 | 25 | 25 | 24 | 25 | 25 | 25 | 25 | 26 | 24 | 28                       |
| Q                           | 20 | 21 | 21 | 25 | 28 | 33 | 34 | 37 | 41 | 41 | 43 | 37 | 33 | 29 | 28 | 28 | 27 | 26 | 25 | 25 | 24 | 26 | 27 | 26 | 22 | 2                        |



Склонение  $D = 41^{\circ}30'$  + табличные значения в минутах  
Широта  $41^{\circ}20'$  Долгота  $69^{\circ}37'$

| Дни               |    | Время :<br>миро-<br>вое : |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | : Средне<br>: суточн. |      |
|-------------------|----|---------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------------------|------|
|                   |    | :                         | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 18   | 19   | 20   | 21   | 22   | 23   | 24   |                       |      |
| D                 | 1  |                           | 15.8 | 16.5 | 16.7 | 17.4 | 16.6 | 14.6 | 12.5 | 11.4 | 10.2 | 9.4  | 9.1  | 9.6  | 11.4 | 13.0 | 14.2 | 13.8 | 13.4 | 13.0 | 13.2 | 13.4 | 13.5 | 13.4 | 14.2 | 14.6 | 13.4                  |      |
|                   | 2  |                           | 16.2 | 17.0 | 17.0 | 15.6 | 15.0 | 13.2 | 11.9 | 10.2 | 8.9  | 9.0  | 9.4  | 9.4  | 12.2 | 12.6 | 12.2 | 12.2 | 12.2 | 13.0 | 13.2 | 13.8 | 14.4 | 14.6 | 15.0 | 14.6 | 13.0                  |      |
|                   | 3  |                           | 15.0 | 16.2 | 17.5 | 18.6 | 18.5 | 16.6 | 15.2 | 12.8 | 11.0 | 11.0 | 10.6 | 11.0 | 13.0 | 13.8 | 13.6 | 12.6 | 12.6 | 12.6 | 13.0 | 13.4 | 13.8 | 13.9 | 14.2 | 15.0 | 14.0                  |      |
|                   | 4  |                           | 15.0 | 17.0 | 17.9 | 18.0 | 17.3 | 15.8 | 13.8 | 13.0 | 11.6 | 11.0 | 10.6 | 11.1 | 12.2 | 12.6 | 12.4 | 12.6 | 12.4 | 13.4 | 13.4 | 13.7 | 14.5 | 13.7 | 14.2 | 15.0 | 13.8                  |      |
|                   | 5  |                           | 16.6 | 17.8 | 17.8 | 17.8 | 17.0 | 15.0 | 13.0 | 11.8 | 10.6 | 9.8  | 9.5  | 9.8  | 11.0 | 11.8 | 12.6 | 12.6 | 12.6 | 12.6 | 12.6 | 13.8 | 13.8 | 14.2 | 15.4 | 15.4 | 13.5                  |      |
| Q                 | 6  |                           | 16.7 | 17.2 | 17.1 | 16.4 | 15.4 | 14.2 | 12.6 | 10.6 | 9.4  | 8.6  | 8.9  | 9.8  | 11.0 | 11.7 | 12.2 | 11.9 | 11.6 | 11.8 | 12.3 | 13.0 | 13.6 | 13.8 | 13.9 | 14.2 | 12.8                  |      |
|                   | 7  |                           | 15.3 | 16.6 | 17.0 | 17.0 | 16.2 | 15.3 | 13.3 | 11.4 | 9.9  | 9.8  | 10.2 | 11.3 | 12.4 | 12.8 | 12.5 | 12.4 | 12.4 | 12.6 | 12.8 | 13.0 | 13.2 | 13.3 | 13.3 | 14.0 | 13.2                  |      |
|                   | 8  |                           | 15.0 | 16.6 | 16.6 | 16.5 | 15.9 | 14.2 | 12.0 | 10.2 | 9.3  | 8.8  | 9.4  | 10.2 | 11.3 | 12.0 | 12.4 | 12.4 | 12.4 | 12.4 | 12.6 | 13.4 | 14.1 | 14.6 | 15.3 | 15.9 | 13.1                  |      |
|                   | 9  |                           | 16.6 | 16.2 | 17.6 | 17.2 | 15.7 | 13.5 | 11.5 | 9.9  | 8.9  | 7.9  | 8.2  | 10.2 | 12.2 | 13.3 | 13.3 | 12.8 | 13.0 | 13.1 | 13.2 | 13.8 | 13.8 | 14.2 | 14.2 | 14.6 | 13.1                  |      |
|                   | Q  | 10                        |      | 15.8 | 17.7 | 18.2 | 18.1 | 17.1 | 14.6 | 12.3 | 10.2 | 8.6  | 8.2  | 8.8  | 9.8  | 11.3 | 12.3 | 12.6 | 12.2 | 12.4 | 12.6 | 13.1 | 13.2 | 13.4 | 14.0 | 13.9 | 13.9                  | 13.1 |
| Q                 | 11 |                           | 15.2 | 17.7 | 18.8 | 18.7 | 17.0 | 14.6 | 12.2 | 10.6 | 9.2  | 8.5  | 8.4  | 9.2  | 10.1 | 10.6 | 11.4 | 11.7 | 11.7 | 12.4 | 13.0 | 13.6 | 13.8 | 13.7 | 14.2 | 14.7 | 13.0                  |      |
|                   | 12 |                           | 15.4 | 16.5 | 17.8 | 17.8 | 16.5 | 14.2 | 12.0 | 10.2 | 7.9  | 6.6  | 6.3  | 7.4  | 9.4  | 10.2 | 10.4 | 10.2 | 10.4 | 11.2 | 11.6 | 12.6 | 12.2 | 13.8 | 14.0 | 14.1 | 12.0                  |      |
|                   | 13 |                           | 15.3 | 17.3 | 17.8 | 17.1 | 17.0 | 16.2 | 14.4 | 11.6 | 9.4  | 7.9  | 8.5  | 9.8  | 11.0 | 12.0 | 12.2 | 12.4 | 13.0 | 13.0 | 13.1 | 14.1 | 14.3 | 13.9 | 14.0 | 14.3 | 13.3                  |      |
|                   | 14 |                           | 14.6 | 15.3 | 16.3 | 17.1 | 17.1 | 16.2 | 14.0 | 11.5 | 10.2 | 9.6  | 9.2  | 9.4  | 11.0 | 12.1 | 13.0 | 13.5 | 13.1 | 12.9 | 12.7 | 13.2 | 13.5 | 13.4 | 13.9 | 13.9 | 13.2                  |      |
|                   | 15 |                           | 14.4 | 15.6 | 16.6 | 17.3 | 16.9 | 14.4 | 12.1 | 10.1 | 9.0  | 8.6  | 9.0  | 9.8  | 11.6 | 12.3 | 12.3 | 12.3 | 12.4 | 12.3 | 13.0 | 13.1 | 13.0 | 13.6 | 13.9 | 14.2 | 12.8                  |      |
| Q                 | 16 |                           | 15.4 | 16.8 | 17.2 | 17.1 | 16.1 | 14.4 | 12.6 | 11.2 | 9.8  | 9.3  | 9.6  | 10.6 | 12.6 | 13.4 | 12.3 | 12.2 | 12.0 | 12.2 | 12.8 | 13.4 | 13.8 | 13.4 | 13.8 | 14.2 | 13.2                  |      |
|                   | 17 |                           | 15.4 | 17.1 | 17.2 | 16.6 | 15.3 | 13.4 | 11.2 | 10.5 | 10.4 | 10.1 | 9.6  | 10.3 | 11.3 | 11.5 | 11.4 | 11.8 | 12.2 | 12.6 | 12.6 | 13.0 | 13.3 | 13.4 | 13.4 | 13.5 | 12.8                  |      |
|                   | 18 |                           | 14.5 | 15.8 | 16.3 | 15.9 | 14.9 | 13.0 | 11.7 | 10.2 | 9.3  | 8.7  | 9.1  | 10.2 | 10.2 | 11.2 | 11.4 | 11.4 | 11.4 | 12.8 | 13.4 | 13.7 | 14.4 | 14.7 | 15.0 | 15.5 | 12.7                  |      |
|                   | 19 |                           | 16.5 | 16.2 | 16.8 | 14.1 | 14.2 | 12.8 | 11.4 | 10.9 | 10.6 | 10.2 | 9.6  | 9.8  | 10.9 | 11.5 | 11.8 | 12.2 | 12.6 | 13.0 | 13.1 | 13.4 | 13.8 | 14.2 | 14.6 | 14.6 | 12.9                  |      |
|                   | Q  | 20                        |      | 15.8 | 17.0 | 17.7 | 18.0 | 16.9 | 15.0 | 13.1 | 11.8 | 10.9 | 9.9  | 9.8  | 10.8 | 12.1 | 12.7 | 12.8 | 12.6 | 13.0 | 13.4 | 13.5 | 13.8 | 13.8 | 13.9 | 13.8 | 13.8                  | 13.6 |
| D                 | 21 |                           | 15.0 | 16.6 | 17.4 | 17.4 | 16.2 | 14.3 | 12.6 | 10.7 | 9.1  | 7.9  | 7.9  | 9.1  | 9.8  | 11.4 | 12.3 | 14.8 | 16.0 | 15.9 | 15.3 | 16.1 | 16.9 | 17.4 | 17.0 | 16.2 | 13.9                  |      |
|                   | 22 |                           | 17.2 | 19.6 | 19.5 | 17.4 | 17.0 | 14.6 | 12.2 | 10.1 | 9.1  | 9.0  | 9.8  | 11.1 | 12.5 | 13.4 | 13.3 | 13.0 | 13.0 | 13.4 | 13.4 | 13.7 | 13.8 | 13.8 | 13.7 | 13.9 | 13.6                  |      |
|                   | 23 |                           | 15.1 | 16.7 | 17.4 | 16.6 | 15.4 | 13.8 | 11.8 | 10.8 | 8.8  | 7.8  | 7.5  | 8.6  | 9.9  | 11.4 | 11.4 | 11.6 | 11.5 | 12.2 | 12.2 | 13.2 | 13.6 | 13.8 | 13.7 | 13.0 | 12.4                  |      |
|                   | 24 |                           | 13.7 | 16.6 | 17.9 | 18.6 | 17.8 | 16.2 | 14.4 | 12.0 | 10.3 | 10.1 | 10.2 | 11.0 | 11.8 | 12.6 | 12.6 | 12.6 | 12.6 | 12.6 | 12.6 | 12.9 | 13.0 | 13.2 | 13.3 | 13.4 | 13.5                  | 13.5 |
|                   | Q  | 25                        |      | 14.6 | 16.4 | 17.6 | 17.8 | 17.0 | 15.3 | 12.4 | 9.1  | 7.5  | 7.4  | 8.6  | 10.0 | 11.9 | 13.2 | 12.6 | 12.6 | 12.6 | 12.6 | 12.9 | 13.0 | 13.2 | 13.2 | 13.4 | 13.8                  | 12.9 |
| D                 | 26 |                           | 14.6 | 16.4 | 17.9 | 18.4 | 17.1 | 14.6 | 11.4 | 9.9  | 8.9  | 8.2  | 8.6  | 9.7  | 11.1 | 12.0 | 11.9 | 12.1 | 12.4 | 11.8 | 11.7 | 13.7 | 15.0 | 15.2 | 15.9 | 15.4 | 13.1                  |      |
|                   | 27 |                           | 17.3 | 18.9 | 18.6 | 18.5 | 16.6 | 14.1 | 12.2 | 11.0 | 9.5  | 8.4  | 8.4  | 9.3  | 10.6 | 11.4 | 11.5 | 11.9 | 12.6 | 13.4 | 13.2 | 13.4 | 13.8 | 13.7 | 14.1 | 14.2 | 13.2                  |      |
|                   | 28 |                           | 15.2 | 16.3 | 17.4 | 17.9 | 16.2 | 14.0 | 11.8 | 10.6 | 9.8  | 9.3  | 9.2  | 9.8  | 11.2 | 12.2 | 12.6 | 12.4 | 12.7 | 12.6 | 13.0 | 13.2 | 13.4 | 13.6 | 13.8 | 14.2 | 13.0                  |      |
|                   | 29 |                           | 15.0 | 16.6 | 17.5 | 17.8 | 17.0 | 15.1 | 13.8 | 12.1 | 10.8 | 9.2  | 8.4  | 9.0  | 10.2 | 11.4 | 12.3 | 12.6 | 12.8 | 12.8 | 13.6 | 13.8 | 13.5 | 15.0 | 14.7 | 13.9 | 13.3                  |      |
|                   | D  | 30                        |      | 14.9 | 17.0 | 18.2 | 17.5 | 15.7 | 13.6 | 12.0 | 10.8 | 9.9  | 8.7  | 8.8  | 11.2 | 13.3 | 13.6 | 12.8 | 12.1 | 12.2 | 12.8 | 13.3 | 13.7 | 14.6 | 14.6 | 14.6 | 14.6                  | 13.4 |
|                   | 31 |                           | 15.4 | 16.6 | 17.8 | 17.4 | 16.5 | 14.8 | 12.6 | 10.7 | 9.1  | 7.7  | 8.0  | 9.7  | 11.7 | 12.2 | 11.8 | 11.8 | 12.0 | 12.4 | 13.2 | 14.0 | 14.7 | 14.6 | 14.1 | 14.2 | 13.0                  |      |
| Средне по<br>всем |    |                           | 15.4 | 16.8 | 17.5 | 17.3 | 16.4 | 14.6 | 12.6 | 10.9 | 9.6  | 8.9  | 9.0  | 9.9  | 11.4 | 12.2 | 12.3 | 12.4 | 12.5 | 12.8 | 13.0 | 13.5 | 13.9 | 14.1 | 14.3 | 14.4 | 13.2                  |      |
| по Q              |    |                           | 15.4 | 17.0 | 17.5 | 17.5 | 16.5 | 14.7 | 12.5 | 10.6 | 9.5  | 9.1  | 9.4  | 10.4 | 11.8 | 12.5 | 12.4 | 12.3 | 12.5 | 12.8 | 13.0 | 13.2 | 13.4 | 13.6 | 13.6 | 13.8 | 13.1                  |      |
| по D              |    |                           | 15.4 | 16.6 | 17.4 | 17.2 | 16.3 | 14.3 | 12.2 | 10.6 | 9.2  | 8.4  | 8.6  | 9.5  | 11.2 | 12.2 | 12.5 | 12.9 | 13.2 | 13.2 | 13.3 | 14.2 | 14.9 | 15.0 | 15.2 | 15.0 | 13.3                  |      |
| дням              |    |                           |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                       |      |

Я Н Г И - БАЗАР  
Июль 1971 года

Горизонтальная составляющая  $H \approx 25800$  + табличные значения в гаммах  
 Широта  $41^{\circ}20'$ , Долгота  $69^{\circ}37'$

[illegible]

Июль 1971 года

Вертикальная составляющая  $Z = 45400$  - табличное значение в гаммах

Долгота  $41^{\circ}20'$ ,      Широта  $69^{\circ}37'$ ,

| Дни       | Время<br>миро-<br>вое |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | Средне<br>суточные |
|-----------|-----------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--------------------|
|           |                       | 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |                    |
| D         | 1                     | 17 | 13 | 15 | 24 | 30 | 27 | 32 | 38 | 33 | 27 | 19 | 15 | 13 | 17 | 17 | 18 | 17 | 19 | 19 | 19 | 19 | 21 | 21 | 19 | 21                 |
|           | 2                     | 16 | 15 | 21 | 25 | 31 | 39 | 43 | 36 | 31 | 28 | 25 | 23 | 17 | 15 | 18 | 20 | 19 | 18 | 19 | 19 | 18 | 20 | 19 | 20 | 23                 |
|           | 3                     | 18 | 15 | 14 | 19 | 27 | 35 | 31 | 31 | 34 | 31 | 29 | 24 | 20 | 17 | 19 | 20 | 21 | 21 | 21 | 21 | 21 | 20 | 20 | 21 | 23                 |
|           | 4                     | 18 | 14 | 20 | 22 | 29 | 31 | 34 | 33 | 31 | 31 | 26 | 21 | 21 | 22 | 22 | 21 | 19 | 19 | 20 | 19 | 19 | 19 | 21 | 18 | 23                 |
|           | 5                     | 16 | 16 | 17 | 20 | 24 | 29 | 37 | 40 | 38 | 34 | 29 | 26 | 21 | 20 | 19 | 21 | 21 | 21 | 19 | 21 | 21 | 21 | 21 | 19 | 24                 |
| Q         | 6                     | 16 | 16 | 21 | 23 | 28 | 43 | 45 | 45 | 43 | 42 | 34 | 27 | 24 | 25 | 25 | 23 | 22 | 21 | 23 | 23 | 24 | 23 | 23 | 20 | 27                 |
|           | 7                     | 19 | 18 | 18 | 20 | 24 | 31 | 35 | 37 | 38 | 35 | 29 | 25 | 22 | 23 | 25 | 25 | 25 | 26 | 25 | 25 | 25 | 24 | 25 | 24 | 26                 |
|           | 8                     | 23 | 17 | 23 | 28 | 35 | 43 | 50 | 55 | 59 | 52 | 46 | 35 | 28 | 29 | 27 | 25 | 24 | 23 | 23 | 25 | 26 | 26 | 25 | 23 | 32                 |
|           | 9                     | 19 | 17 | 21 | 30 | 36 | 39 | 40 | 35 | 33 | 31 | 28 | 23 | 19 | 20 | 23 | 24 | 23 | 26 | 25 | 25 | 25 | 26 | 26 | 23 | 27                 |
| Q         | 10                    | 17 | 17 | 21 | 26 | 33 | 38 | 40 | 41 | 43 | 44 | 44 | 35 | 26 | 24 | 25 | 26 | 27 | 27 | 27 | 26 | 26 | 27 | 26 | 25 | 30                 |
|           | 11                    | 20 | 16 | 21 | 32 | 45 | 50 | 54 | 55 | 46 | 44 | 39 | 33 | 27 | 28 | 27 | 28 | 28 | 29 | 27 | 25 | 28 | 28 | 28 | 26 | 33                 |
|           | 12                    | 23 | 21 | 22 | 25 | 32 | 42 | 51 | 52 | 54 | 50 | 45 | 39 | 28 | 26 | 29 | 30 | 28 | 30 | 29 | 28 | 29 | 28 | 28 | 27 | 33                 |
|           | 13                    | 23 | 23 | 26 | 29 | 37 | 42 | 47 | 50 | 48 | 49 | 48 | 34 | 27 | 24 | 25 | 25 | 24 | 24 | 24 | 25 | 24 | 25 | 27 | 25 | 31                 |
|           | 14                    | 24 | 22 | 22 | 26 | 31 | 34 | 36 | 41 | 41 | 39 | 33 | 28 | 23 | 19 | 21 | 21 | 22 | 22 | 23 | 23 | 25 | 25 | 26 | 25 | 27                 |
|           | 15                    | 21 | 20 | 23 | 29 | 33 | 36 | 43 | 47 | 49 | 45 | 38 | 28 | 21 | 21 | 22 | 22 | 23 | 24 | 25 | 25 | 25 | 24 | 25 | 24 | 29                 |
| Q         | 16                    | 19 | 17 | 23 | 32 | 40 | 41 | 41 | 39 | 40 | 42 | 38 | 29 | 24 | 23 | 25 | 25 | 23 | 25 | 25 | 25 | 25 | 26 | 27 | 24 | 29                 |
|           | 17                    | 19 | 17 | 21 | 28 | 34 | 41 | 48 | 45 | 42 | 39 | 35 | 30 | 23 | 24 | 26 | 26 | 26 | 27 | 27 | 27 | 27 | 27 | 26 | 26 | 30                 |
|           | 18                    | 23 | 21 | 22 | 25 | 32 | 38 | 41 | 45 | 51 | 47 | 42 | 31 | 29 | 27 | 27 | 26 | 26 | 26 | 26 | 26 | 26 | 27 | 26 | 23 | 31                 |
|           | 19                    | 18 | 18 | 28 | 28 | 31 | 36 | 38 | 38 | 40 | 36 | 33 | 29 | 25 | 25 | 28 | 27 | 25 | 24 | 24 | 24 | 24 | 24 | 24 | 23 | 28                 |
| Q         | 20                    | 21 | 21 | 25 | 35 | 43 | 48 | 45 | 43 | 37 | 33 | 27 | 26 | 29 | 27 | 27 | 26 | 26 | 25 | 25 | 25 | 26 | 26 | 24 | 30 |                    |
| D         | 21                    | 19 | 19 | 23 | 27 | 30 | 31 | 40 | 46 | 44 | 37 | 36 | 33 | 26 | 23 | 26 | 21 | 17 | 17 | 18 | 17 | 18 | 15 | 20 | 20 | 26                 |
|           | 22                    | 17 | 19 | 19 | 25 | 31 | 29 | 30 | 36 | 36 | 29 | 28 | 23 | 21 | 21 | 23 | 24 | 24 | 25 | 25 | 25 | 25 | 25 | 24 | 21 | 25                 |
|           | 23                    | 17 | 17 | 20 | 23 | 27 | 33 | 33 | 36 | 36 | 33 | 27 | 22 | 21 | 20 | 23 | 26 | 25 | 24 | 24 | 27 | 26 | 26 | 27 | 25 | 26                 |
|           | 24                    | 21 | 21 | 22 | 28 | 37 | 41 | 45 | 50 | 45 | 40 | 37 | 32 | 27 | 26 | 27 | 28 | 27 | 27 | 27 | 27 | 27 | 28 | 28 | 27 | 31                 |
| Q         | 25                    | 23 | 22 | 27 | 40 | 50 | 55 | 55 | 49 | 41 | 36 | 32 | 28 | 26 | 28 | 28 | 27 | 28 | 27 | 27 | 27 | 27 | 27 | 26 | 33 |                    |
| D         | 26                    | 20 | 17 | 19 | 28 | 42 | 48 | 50 | 51 | 43 | 37 | 32 | 26 | 23 | 25 | 29 | 29 | 29 | 27 | 26 | 29 | 34 | 29 | 28 | 26 | 31                 |
|           | 27                    | 26 | 23 | 30 | 36 | 41 | 49 | 50 | 45 | 39 | 41 | 40 | 31 | 31 | 29 | 31 | 29 | 28 | 27 | 28 | 28 | 29 | 29 | 29 | 27 | 33                 |
|           | 28                    | 24 | 21 | 21 | 26 | 29 | 31 | 38 | 34 | 35 | 35 | 32 | 28 | 24 | 24 | 27 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 27 | 29                 |
|           | 29                    | 23 | 23 | 24 | 26 | 32 | 37 | 45 | 50 | 45 | 43 | 45 | 40 | 32 | 28 | 28 | 28 | 28 | 27 | 29 | 27 | 27 | 27 | 29 | 28 | 32                 |
|           | 30                    | 28 | 29 | 29 | 35 | 42 | 44 | 46 | 46 | 49 | 49 | 44 | 33 | 24 | 21 | 25 | 25 | 25 | 25 | 26 | 25 | 27 | 26 | 26 | 26 | 32                 |
| D         | 31                    | 24 | 23 | 25 | 31 | 39 | 43 | 44 | 47 | 49 | 49 | 46 | 39 | 28 | 28 | 28 | 28 | 28 | 27 | 25 | 30 | 29 | 30 | 27 | 33 |                    |
| Средне по |                       | 20 | 19 | 22 | 27 | 33 | 39 | 42 | 43 | 42 | 39 | 35 | 29 | 24 | 24 | 25 | 25 | 24 | 25 | 25 | 25 | 25 | 25 | 25 | 24 | 29                 |
| по Q      |                       | 20 | 19 | 22 | 27 | 33 | 41 | 45 | 45 | 43 | 39 | 35 | 30 | 25 | 25 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 25 | 30 |                    |
| по D      |                       | 19 | 17 | 21 | 27 | 34 | 38 | 42 | 44 | 40 | 36 | 32 | 27 | 21 | 22 | 24 | 23 | 22 | 22 | 22 | 22 | 24 | 23 | 24 | 22 | 27                 |
| днем      |                       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |

ЯНГИ-БАЗАР  
Август 1971 года

Склонение  $D = 4^{\circ} 30'$  + табличное значение в минутах  
Широта  $41^{\circ} 20'$  Долгота  $69^{\circ} 37'$

| Дни                              | Время :<br>миро-<br>вое |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | Средне<br>суточные |
|----------------------------------|-------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--------------------|
|                                  |                         | I    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 18   | 19   | 20   | 21   | 22   | 23   | 24   |                    |
|                                  | I                       | 15.0 | 16.2 | 17.4 | 17.6 | 16.6 | 14.7 | 11.6 | 9.4  | 8.8  | 9.0  | 9.6  | 10.5 | 11.9 | 11.7 | 11.4 | 11.2 | 11.4 | 12.0 | 12.4 | 13.0 | 12.6 | 13.2 | 13.8 | 14.0 | 12.7               |
| D                                | 2                       | 14.4 | 15.7 | 16.7 | 16.2 | 13.6 | 13.6 | 11.9 | 10.7 | 11.2 | 11.4 | 10.8 | 11.4 | 12.8 | 14.2 | 12.7 | 12.2 | 12.4 | 12.8 | 13.1 | 13.4 | 13.4 | 13.4 | 13.8 | 14.6 | 13.2               |
| Q                                | 3                       | 16.2 | 17.7 | 18.1 | 17.4 | 16.0 | 14.2 | 12.4 | 10.7 | 9.8  | 9.8  | 10.2 | 11.7 | 13.1 | 13.4 | 12.6 | 12.2 | 12.4 | 12.4 | 12.9 | 13.1 | 13.6 | 14.0 | 14.6 | 14.8 | 13.5               |
|                                  | 4                       | 15.6 | 17.0 | 17.2 | 16.8 | 15.5 | 12.9 | 10.6 | 9.8  | 9.7  | 9.7  | 9.6  | 10.0 | 11.8 | 12.2 | 11.9 | 11.9 | 12.1 | 12.6 | 13.6 | 14.1 | 13.4 | 13.4 | 13.5 | 14.0 | 12.9               |
|                                  | 5                       | 14.6 | 15.8 | 17.6 | 17.2 | 13.4 | 12.6 | 12.2 | 10.2 | 8.6  | 8.2  | 9.0  | 10.6 | 12.5 | 13.4 | 13.2 | 13.5 | 13.3 | 13.3 | 13.5 | 13.8 | 14.0 | 14.2 | 14.6 | 14.6 | 13.1               |
| Q                                | 6                       | 15.4 | 17.2 | 17.8 | 17.2 | 15.3 | 12.4 | 9.7  | 7.6  | 7.0  | 7.8  | 8.9  | 10.3 | 11.8 | 12.2 | 12.0 | 12.0 | 12.2 | 12.6 | 13.0 | 13.2 | 13.4 | 13.7 | 13.9 | 14.3 | 12.5               |
|                                  | 7                       | 15.1 | 17.0 | 17.9 | 18.0 | 16.2 | 13.6 | 11.5 | 10.2 | 8.6  | 7.9  | 9.2  | 10.8 | 12.6 | 13.0 | 11.9 | 11.6 | 11.6 | 11.9 | 12.3 | 13.0 | 13.6 | 14.7 | 14.9 | 15.3 | 13.0               |
|                                  | 8                       | 16.3 | 18.0 | 18.8 | 18.1 | 17.1 | 13.4 | 9.2  | 7.0  | 6.9  | 7.2  | 8.1  | 10.3 | 13.2 | 14.6 | 15.0 | 13.5 | 12.4 | 12.1 | 12.9 | 13.0 | 12.7 | 13.1 | 13.6 | 13.6 | 12.9               |
|                                  | 9                       | 14.5 | 16.4 | 17.4 | 18.3 | 17.4 | 15.1 | 11.8 | 9.4  | 6.7  | 7.0  | 9.0  | 10.6 | 12.2 | 13.3 | 13.0 | 12.3 | 12.3 | 12.6 | 13.0 | 13.0 | 13.3 | 13.8 | 13.7 | 14.4 | 12.9               |
|                                  | 10                      | 15.4 | 17.0 | 16.6 | 16.1 | 15.1 | 14.2 | 12.9 | 10.9 | 9.2  | 7.8  | 8.2  | 9.8  | 11.4 | 13.0 | 12.9 | 12.8 | 13.8 | 13.8 | 14.2 | 14.4 | 13.8 | 13.8 | 13.3 | 12.5 | 13.0               |
| D                                | 11                      | 13.7 | 15.6 | 16.6 | 16.4 | 14.8 | 12.2 | 10.8 | 8.6  | 7.3  | 7.3  | 8.6  | 10.2 | 11.3 | 12.1 | 12.3 | 12.2 | 12.7 | 12.8 | 13.4 | 13.0 | 13.4 | 13.8 | 14.2 | 14.1 | 12.4               |
|                                  | 12                      | 15.0 | 17.0 | 17.5 | 16.8 | 15.6 | 13.2 | 11.4 | 9.8  | 8.3  | 9.0  | 9.8  | 10.2 | 12.2 | 15.2 | 12.6 | 12.6 | 12.2 | 12.6 | 12.6 | 12.6 | 13.0 | 13.3 | 13.0 | 13.6 | 12.9               |
|                                  | 13                      | 13.7 | 15.6 | 16.7 | 16.7 | 14.7 | 12.2 | 10.6 | 9.4  | 8.6  | 8.6  | 10.0 | 11.4 | 12.6 | 13.4 | 12.6 | 12.6 | 12.2 | 12.2 | 12.5 | 12.4 | 12.6 | 13.0 | 13.0 | 13.4 | 12.5               |
| Q                                | 14                      | 14.0 | 16.0 | 16.6 | 16.6 | 16.0 | 13.7 | 11.0 | 9.4  | 8.5  | 7.9  | 8.8  | 10.8 | 12.0 | 12.6 | 12.6 | 12.6 | 12.6 | 12.4 | 12.6 | 12.6 | 12.8 | 13.0 | 13.4 | 13.7 | 12.6               |
|                                  | 15                      | 14.3 | 15.4 | 16.4 | 16.6 | 15.8 | 13.1 | 10.3 | 8.8  | 8.4  | 9.7  | 10.2 | 11.0 | 12.3 | 12.6 | 11.8 | 11.4 | 12.2 | 12.5 | 12.7 | 13.0 | 13.1 | 13.2 | 13.2 | 14.0 | 12.6               |
|                                  | 16                      | 15.1 | 16.8 | 17.2 | 16.6 | 13.5 | 12.1 | 11.3 | 10.4 | 9.8  | 9.5  | 10.8 | 11.8 | 11.8 | 12.5 | 12.6 | 12.6 | 12.5 | 12.1 | 12.5 | 13.0 | 13.6 | 13.8 | 13.8 | 14.1 | 12.9               |
| D                                | 17                      | 14.5 | 15.8 | 16.5 | 17.0 | 16.1 | 14.0 | 11.8 | 9.1  | 7.4  | 7.6  | 8.6  | 9.8  | 11.3 | 12.0 | 11.5 | 12.3 | 12.9 | 12.6 | 12.9 | 12.9 | 12.9 | 12.7 | 12.7 | 13.8 | 12.4               |
|                                  | 18                      | 15.0 | 17.5 | 17.8 | 15.8 | 15.4 | 13.7 | 11.8 | 9.8  | 8.5  | 8.8  | 9.3  | 10.9 | 12.6 | 13.6 | 13.0 | 12.1 | 12.2 | 12.6 | 12.8 | 13.1 | 13.0 | 13.0 | 13.4 | 13.8 | 12.9               |
| Q                                | 19                      | 15.1 | 16.8 | 17.0 | 17.3 | 15.9 | 13.9 | 11.7 | 9.7  | 8.9  | 8.7  | 9.0  | 10.4 | 12.2 | 12.6 | 12.5 | 12.7 | 12.6 | 12.9 | 13.0 | 13.0 | 12.9 | 13.0 | 13.2 | 13.7 | 12.9               |
|                                  | 20                      | 14.6 | 15.8 | 16.8 | 17.4 | 16.3 | 13.6 | 10.3 | 7.4  | 5.4  | 5.8  | 7.8  | 9.9  | 12.0 | 12.7 | 12.3 | 12.2 | 12.4 | 12.6 | 12.9 | 12.8 | 12.6 | 12.6 | 12.0 | 12.8 | 12.1               |
|                                  | 21                      | 13.4 | 14.9 | 16.1 | 17.0 | 16.7 | 15.2 | 12.2 | 10.5 | 10.0 | 9.8  | 10.2 | 11.0 | 12.8 | 13.8 | 13.4 | 13.7 | 13.3 | 13.2 | 13.7 | 13.8 | 12.6 | 13.4 | 13.4 | 12.6 | 13.2               |
|                                  | 22                      | 14.2 | 15.8 | 17.0 | 18.2 | 17.0 | 14.2 | 10.6 | 7.8  | 7.4  | 7.5  | 8.8  | 11.3 | 12.6 | 14.1 | 14.2 | 13.9 | 13.1 | 12.9 | 13.0 | 13.1 | 14.2 | 14.6 | 14.2 | 12.6 | 13.0               |
| D                                | 23                      | 12.2 | 14.2 | 17.0 | 17.3 | 16.2 | 14.5 | 12.1 | 9.7  | 7.5  | 7.8  | 9.4  | 10.6 | 12.6 | 13.8 | 12.9 | 12.5 | 12.3 | 13.0 | 13.7 | 12.8 | 12.6 | 13.6 | 13.4 | 14.2 | 12.7               |
|                                  | 24                      | 14.6 | 16.2 | 17.0 | 17.4 | 16.4 | 13.4 | 10.9 | 8.6  | 7.8  | 8.6  | 9.4  | 10.6 | 12.4 | 12.6 | 12.4 | 12.2 | 12.2 | 12.8 | 13.4 | 13.0 | 13.4 | 14.1 | 14.4 | 14.0 | 12.8               |
|                                  | 25                      | 14.0 | 15.3 | 16.6 | 17.3 | 16.8 | 14.3 | 11.8 | 9.8  | 8.4  | 7.8  | 8.1  | 10.0 | 12.1 | 12.4 | 12.2 | 12.2 | 13.3 | 12.5 | 12.6 | 12.6 | 12.6 | 13.0 | 12.6 | 12.6 | 12.5               |
| Q                                | 26                      | 12.2 | 14.6 | 17.0 | 18.0 | 17.7 | 15.4 | 12.6 | 10.5 | 9.6  | 9.7  | 10.2 | 11.4 | 12.6 | 13.4 | 13.4 | 13.8 | 13.1 | 13.4 | 13.4 | 13.0 | 13.5 | 13.3 | 13.7 | 13.8 | 13.3               |
|                                  | 27                      | 15.0 | 16.2 | 17.1 | 17.4 | 16.2 | 13.8 | 10.3 | 7.6  | 6.6  | 7.0  | 9.0  | 11.2 | 12.5 | 12.6 | 11.9 | 12.1 | 12.1 | 12.2 | 12.6 | 12.9 | 13.3 | 13.5 | 13.4 | 12.9 | 12.5               |
|                                  | 28                      | 13.8 | 15.2 | 16.4 | 16.6 | 15.0 | 12.6 | 10.2 | 7.8  | 6.6  | 6.9  | 7.9  | 9.4  | 10.7 | 10.9 | 11.3 | 13.4 | 13.0 | 12.4 | 13.0 | 13.8 | 13.4 | 13.3 | 13.4 | 13.3 | 12.1               |
|                                  | 29                      | 13.8 | 13.8 | 15.4 | 16.8 | 16.9 | 15.0 | 11.4 | 9.1  | 8.2  | 8.1  | 9.4  | 10.9 | 12.1 | 11.8 | 11.8 | 12.1 | 12.4 | 12.5 | 12.6 | 12.9 | 13.1 | 13.6 | 13.8 | 14.2 | 12.6               |
|                                  | 30                      | 13.4 | 13.8 | 15.3 | 16.2 | 16.6 | 14.7 | 12.0 | 9.9  | 8.2  | 8.4  | 9.4  | 10.6 | 11.4 | 11.8 | 11.8 | 12.0 | 12.2 | 12.2 | 12.5 | 13.0 | 13.8 | 13.1 | 13.4 | 13.8 | 12.5               |
| D                                | 31                      | 14.6 | 15.1 | 16.4 | 17.0 | 15.0 | 13.0 | 10.2 | 7.8  | 6.5  | 7.4  | 9.0  | 11.0 | 12.2 | 12.3 | 12.2 | 12.4 | 12.7 | 13.4 | 14.0 | 14.5 | 12.2 | 14.6 | 14.6 | 14.6 | 12.6               |
| Среднее<br>по всем<br>по<br>дням |                         | 14.5 | 16.0 | 17.0 | 17.1 | 15.8 | 13.7 | 11.3 | 9.3  | 8.2  | 8.3  | 9.2  | 10.7 | 12.2 | 12.9 | 12.5 | 12.5 | 12.5 | 12.6 | 13.0 | 13.2 | 13.2 | 13.5 | 13.6 | 13.8 | 12.8               |
|                                  | Q                       | 15.0 | 16.6 | 17.3 | 17.2 | 16.0 | 13.5 | 10.7 | 8.5  | 7.5  | 7.7  | 8.9  | 10.8 | 12.3 | 12.7 | 12.3 | 12.2 | 12.3 | 12.4 | 12.8 | 12.9 | 13.1 | 13.4 | 13.5 | 13.7 | 12.6               |
|                                  | D                       | 14.0 | 15.6 | 16.9 | 16.5 | 15.0 | 13.4 | 11.4 | 9.3  | 8.2  | 8.5  | 9.4  | 10.8 | 12.3 | 13.2 | 12.6 | 12.3 | 12.5 | 12.9 | 13.4 | 13.4 | 12.9 | 13.7 | 13.9 | 14.3 | 12.8               |

Горизонтальная составляющая  $H = 25800 + \text{табличное значение в гаммах}$   
 Широта  $41^{\circ} 20'$  Долгота  $69^{\circ} 37'$

Горизонтальная составляющая  $H = 25800 + \text{табличное значение в гаммах}$   
 Широта  $41^{\circ} 20'$  Долгота  $69^{\circ} 37'$



АВГУСТ 1971 ГОДА

Вертикальная составляющая  $Z = 45300 + \text{табличное значение в гаммах}$

Широта  $41^{\circ} 20'$

Долгота  $69^{\circ}37'$

[illegible]

Склонение  $D = 4^{\circ}30'$  + табличное значение в минутах  
 Широта  $41^{\circ}20'$  Долгота  $69^{\circ}37'$

ДН ЯМ

Горизонтальная составляющая  $H = 25700 +$  табличное значение в гаммах  
 Широта  $41^{\circ} 20'$  Долгота  $69^{\circ} 37'$

| Время:             |              |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | :Средне   |
|--------------------|--------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----------|
| Дни                | миро-<br>вое | I   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24  | :суточные |
| Q                  | 1            | 162 | 157 | 148 | 143 | 131 | 128 | 141 | 150 | 151 | 166 | 171 | 174 | 173 | 172 | 171 | 169 | 173 | 175 | 173 | 176 | 176 | 173 | 172 | 172 | 162       |
|                    | 2            | 171 | 168 | 163 | 151 | 143 | 141 | 148 | 159 | 171 | 176 | 180 | 181 | 178 | 178 | 176 | 175 | 174 | 176 | 176 | 176 | 175 | 178 | 176 | 175 | 169       |
|                    | 3            | 174 | 169 | 166 | 156 | 145 | 143 | 153 | 156 | 163 | 173 | 173 | 168 | 165 | 169 | 173 | 174 | 174 | 176 | 175 | 176 | 175 | 173 | 172 | 172 | 167       |
|                    | 4            | 171 | 171 | 166 | 153 | 141 | 139 | 152 | 169 | 183 | 191 | 190 | 189 | 186 | 183 | 181 | 181 | 183 | 190 | 179 | 181 | 191 | 162 | 171 | 171 | 174       |
|                    | 5            | 183 | 177 | 172 | 159 | 139 | 131 | 133 | 146 | 163 | 163 | 149 | 155 | 167 | 166 | 159 | 151 | 153 | 161 | 163 | 162 | 183 | 177 | 173 | 173 | 161       |
| D                  | 6            | 177 | 176 | 174 | 166 | 157 | 151 | 151 | 146 | 159 | 173 | 167 | 163 | 168 | 170 | 163 | 163 | 169 | 177 | 179 | 176 | 176 | 176 | 174 | 176 | 168       |
|                    | 7            | 186 | 171 | 171 | 167 | 146 | 138 | 148 | 156 | 153 | 161 | 170 | 170 | 171 | 171 | 167 | 147 | 146 | 148 | 149 | 159 | 166 | 177 | 167 | 176 | 162       |
|                    | 8            | 173 | 166 | 167 | 151 | 136 | 136 | 150 | 155 | 159 | 152 | 164 | 171 | 170 | 169 | 169 | 171 | 173 | 171 | 173 | 177 | 177 | 176 | 173 | 174 | 165       |
|                    | 9            | 175 | 176 | 171 | 164 | 157 | 152 | 157 | 166 | 178 | 183 | 185 | 186 | 182 | 184 | 179 | 173 | 189 | 176 | 177 | 179 | 179 | 174 | 175 | 175 | 175       |
|                    | 10           | 179 | 179 | 173 | 161 | 153 | 151 | 154 | 170 | 181 | 184 | 186 | 183 | 183 | 178 | 178 | 179 | 180 | 182 | 184 | 184 | 185 | 183 | 184 | 183 | 177       |
| Q                  | 11           | 181 | 179 | 178 | 171 | 164 | 156 | 156 | 163 | 173 | 178 | 172 | 175 | 171 | 166 | 156 | 161 | 169 | 172 | 178 | 179 | 176 | 175 | 176 | 178 | 171       |
|                    | 12           | 178 | 178 | 176 | 173 | 171 | 164 | 163 | 170 | 167 | 163 | 181 | 185 | 181 | 176 | 176 | 175 | 179 | 181 | 183 | 196 | 194 | 193 | 192 | 191 | 179       |
|                    | 13           | 194 | 195 | 195 | 195 | 184 | 163 | 132 | 137 | 147 | 158 | 163 | 163 | 166 | 171 | 171 | 178 | 180 | 183 | 183 | 180 | 174 | 168 | 170 | 170 | 172       |
|                    | 14           | 171 | 170 | 170 | 162 | 150 | 145 | 150 | 153 | 168 | 175 | 171 | 165 | 169 | 173 | 178 | 183 | 181 | 183 | 191 | 187 | 180 | 180 | 174 | 177 | 171       |
|                    | 15           | 190 | 186 | 171 | 166 | 153 | 151 | 163 | 165 | 171 | 167 | 153 | 149 | 160 | 163 | 170 | 168 | 170 | 170 | 170 | 175 | 173 | 173 | 173 | 172 | 168       |
| D                  | 16           | 171 | 168 | 165 | 158 | 148 | 147 | 156 | 161 | 165 | 179 | 178 | 175 | 177 | 178 | 178 | 178 | 179 | 185 | 185 | 186 | 183 | 182 | 178 | 192 | 173       |
|                    | 17           | 185 | 180 | 178 | 170 | 155 | 150 | 160 | 170 | 175 | 177 | 175 | 185 | 185 | 184 | 189 | 187 | 186 | 194 | 198 | 200 | 200 | 200 | 191 | 189 | 182       |
|                    | 18           | 172 | 144 | 133 | 125 | 95  | 111 | 115 | 105 | 108 | 140 | 128 | 98  | 125 | 132 | 139 | 140 | 144 | 153 | 152 | 151 | 155 | 160 | 156 | 156 | 135       |
|                    | 19           | 159 | 158 | 150 | 135 | 130 | 128 | 125 | 124 | 145 | 152 | 160 | 161 | 163 | 163 | 163 | 162 | 165 | 165 | 168 | 162 | 156 | 160 | 161 | 164 | 153       |
|                    | 20           | 161 | 160 | 149 | 138 | 132 | 137 | 149 | 161 | 162 | 148 | 167 | 167 | 160 | 150 | 145 | 153 | 163 | 163 | 166 | 180 | 163 | 158 | 162 | 163 | 157       |
| Q                  | 21           | 158 | 158 | 156 | 150 | 142 | 142 | 145 | 157 | 165 | 173 | 174 | 169 | 164 | 165 | 166 | 164 | 164 | 163 | 163 | 164 | 166 | 167 | 165 | 166 | 161       |
|                    | 22           | 167 | 165 | 159 | 152 | 140 | 139 | 145 | 153 | 160 | 165 | 161 | 160 | 158 | 160 | 161 | 165 | 165 | 166 | 170 | 172 | 173 | 177 | 173 | 174 | 162       |
|                    | 23           | 174 | 174 | 168 | 159 | 153 | 150 | 150 | 156 | 168 | 173 | 172 | 173 | 173 | 175 | 175 | 172 | 178 | 177 | 179 | 180 | 180 | 180 | 180 | 182 | 171       |
|                    | 24           | 183 | 183 | 181 | 171 | 158 | 148 | 155 | 164 | 178 | 183 | 184 | 183 | 181 | 181 | 181 | 185 | 184 | 185 | 180 | 173 | 176 | 187 | 177 | 175 | 176       |
|                    | 25           | 182 | 185 | 190 | 181 | 156 | 125 | 121 | 135 | 134 | 131 | 124 | 113 | 123 | 128 | 132 | 132 | 143 | 152 | 158 | 163 | 159 | 153 | 158 | 156 | 147       |
| D                  | 26           | 155 | 156 | 154 | 150 | 143 | 142 | 148 | 163 | 175 | 176 | 181 | 183 | 183 | 183 | 178 | 173 | 170 | 174 | 175 | 163 | 166 | 168 | 198 | 170 | 168       |
|                    | 27           | 147 | 138 | 125 | 122 | 110 | 109 | 108 | 110 | 113 | 121 | 135 | 127 | 128 | 133 | 153 | 146 | 144 | 167 | 161 | 151 | 154 | 158 | 157 | 155 | 136       |
|                    | 28           | 154 | 152 | 152 | 145 | 138 | 138 | 138 | 148 | 148 | 154 | 163 | 161 | 159 | 160 | 155 | 155 | 160 | 166 | 166 | 167 | 170 | 168 | 167 | 165 | 156       |
|                    | 29           | 163 | 163 | 163 | 154 | 143 | 133 | 133 | 145 | 158 | 168 | 170 | 167 | 165 | 165 | 166 | 165 | 165 | 169 | 176 | 177 | 178 | 173 | 172 | 173 | 163       |
|                    | 30           | 173 | 175 | 170 | 163 | 151 | 143 | 143 | 157 | 161 | 149 | 149 | 146 | 131 | 134 | 117 | 117 | 146 | 152 | 170 | 167 | 154 | 160 | 178 | 172 | 153       |
| Среднее по<br>всем |              | 172 | 169 | 165 | 157 | 145 | 141 | 145 | 152 | 160 | 165 | 167 | 165 | 166 | 166 | 166 | 165 | 168 | 172 | 173 | 174 | 174 | 173 | 173 | 173 | 164       |
| по Q               |              | 169 | 167 | 162 | 154 | 145 | 143 | 148 | 156 | 165 | 172 | 172 | 170 | 168 | 169 | 170 | 170 | 171 | 172 | 173 | 174 | 174 | 175 | 173 | 174 | 166       |
| по D               |              | 172 | 163 | 158 | 152 | 132 | 125 | 127 | 133 | 134 | 140 | 141 | 131 | 136 | 140 | 142 | 136 | 145 | 154 | 158 | 158 | 158 | 162 | 163 | 163 | 147       |
| дням               |              |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |           |

ЯНГИ-БАЗАР

сентябрь 1971 года

Вертикальная составляющая  $Z = 45300 + \text{табличное значение в гаммах}$ Широта  $41^{\circ} 20'$ Долгота  $69^{\circ} 37'$ 

| Дата       | Время :<br>миро-<br>вое : | I  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | :<br>Средне<br>: суточные |
|------------|---------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---------------------------|
| Q          | I                         | 74 | 75 | 76 | 70 | 62 | 58 | 59 | 63 | 67 | 77 | 80 | 77 | 76 | 71 | 69 | 69 | 70 | 70 | 69 | 70 | 68 | 69 | 68 | 69 | 70                        |
|            | 2                         | 71 | 73 | 73 | 67 | 62 | 56 | 58 | 63 | 68 | 71 | 71 | 68 | 68 | 66 | 66 | 67 | 67 | 68 | 66 | 66 | 67 | 68 | 67 | 67 | 67                        |
|            | 3                         | 69 | 72 | 75 | 72 | 63 | 57 | 61 | 69 | 72 | 69 | 70 | 71 | 72 | 70 | 67 | 68 | 68 | 68 | 68 | 68 | 67 | 67 | 67 | 68 | 68                        |
|            | 4                         | 71 | 74 | 74 | 73 | 66 | 58 | 61 | 68 | 72 | 76 | 74 | 71 | 68 | 63 | 64 | 66 | 66 | 67 | 66 | 70 | 70 | 67 | 71 | 70 | 69                        |
|            | 5                         | 70 | 72 | 71 | 63 | 53 | 51 | 56 | 65 | 69 | 70 | 68 | 71 | 73 | 68 | 69 | 71 | 72 | 72 | 72 | 72 | 72 | 68 | 68 | 69 | 68                        |
| D          | 6                         | 73 | 74 | 70 | 63 | 57 | 54 | 53 | 58 | 62 | 64 | 61 | 63 | 66 | 65 | 67 | 70 | 70 | 71 | 70 | 70 | 70 | 69 | 68 | 68 | 66                        |
|            | 7                         | 68 | 66 | 68 | 62 | 50 | 46 | 48 | 49 | 56 | 65 | 67 | 67 | 66 | 65 | 67 | 69 | 70 | 71 | 72 | 73 | 71 | 69 | 67 | 67 | 64                        |
|            | 8                         | 68 | 68 | 67 | 61 | 58 | 56 | 55 | 58 | 65 | 68 | 69 | 69 | 66 | 66 | 68 | 68 | 67 | 67 | 67 | 68 | 67 | 67 | 66 | 67 | 65                        |
|            | 9                         | 68 | 70 | 71 | 70 | 66 | 63 | 63 | 65 | 62 | 57 | 61 | 64 | 64 | 65 | 65 | 66 | 67 | 64 | 66 | 66 | 67 | 66 | 66 | 66 | 65                        |
|            | 10                        | 67 | 68 | 70 | 67 | 61 | 57 | 58 | 59 | 60 | 62 | 67 | 68 | 68 | 64 | 65 | 66 | 66 | 67 | 67 | 66 | 66 | 65 | 65 | 64 | 65                        |
|            | 11                        | 64 | 67 | 69 | 66 | 59 | 55 | 55 | 57 | 59 | 60 | 61 | 66 | 66 | 66 | 68 | 70 | 70 | 69 | 71 | 69 | 68 | 67 | 68 | 68 | 65                        |
|            | 12                        | 67 | 69 | 70 | 66 | 62 | 55 | 53 | 62 | 66 | 66 | 68 | 67 | 67 | 66 | 67 | 68 | 69 | 68 | 68 | 69 | 68 | 67 | 66 | 66 | 66                        |
|            | 13                        | 64 | 68 | 71 | 69 | 65 | 58 | 54 | 63 | 66 | 68 | 69 | 71 | 71 | 70 | 71 | 71 | 69 | 68 | 68 | 69 | 69 | 69 | 69 | 69 | 67                        |
|            | 14                        | 69 | 70 | 73 | 72 | 70 | 67 | 62 | 58 | 60 | 59 | 63 | 68 | 69 | 68 | 68 | 70 | 69 | 70 | 70 | 66 | 66 | 67 | 66 | 67 | 67                        |
|            | 15                        | 69 | 68 | 68 | 68 | 62 | 57 | 52 | 48 | 52 | 56 | 63 | 67 | 70 | 69 | 69 | 68 | 68 | 68 | 68 | 68 | 66 | 66 | 67 | 67 | 64                        |
| D          | 16                        | 67 | 69 | 70 | 65 | 51 | 43 | 43 | 47 | 53 | 62 | 66 | 66 | 66 | 65 | 65 | 66 | 66 | 66 | 65 | 66 | 65 | 65 | 66 | 65 | 62                        |
|            | 17                        | 64 | 66 | 68 | 65 | 58 | 51 | 50 | 52 | 55 | 59 | 62 | 66 | 65 | 65 | 65 | 64 | 64 | 65 | 66 | 64 | 63 | 63 | 61 | 63 | 62                        |
|            | 18                        | 58 | 63 | 67 | 73 | 70 | 74 | 71 | 68 | 69 | 70 | 69 | 75 | 81 | 77 | 76 | 74 | 77 | 76 | 72 | 73 | 73 | 73 | 70 | 70 | 72                        |
|            | 19                        | 71 | 72 | 71 | 69 | 65 | 60 | 57 | 54 | 55 | 56 | 61 | 67 | 68 | 68 | 69 | 69 | 70 | 70 | 71 | 69 | 69 | 70 | 69 | 69 | 66                        |
|            | 20                        | 68 | 72 | 71 | 69 | 66 | 62 | 52 | 50 | 51 | 55 | 67 | 70 | 72 | 68 | 71 | 72 | 72 | 70 | 71 | 70 | 67 | 68 | 68 | 68 | 66                        |
| Q          | 21                        | 67 | 71 | 72 | 70 | 65 | 62 | 63 | 63 | 63 | 67 | 71 | 71 | 67 | 68 | 68 | 68 | 68 | 68 | 69 | 69 | 68 | 67 | 67 | 67 | 67                        |
|            | 22                        | 68 | 71 | 74 | 74 | 67 | 56 | 47 | 48 | 53 | 62 | 71 | 73 | 71 | 69 | 69 | 69 | 69 | 69 | 69 | 68 | 67 | 67 | 66 | 66 | 66                        |
|            | 23                        | 66 | 70 | 72 | 70 | 66 | 63 | 60 | 59 | 62 | 64 | 65 | 68 | 67 | 66 | 66 | 66 | 66 | 64 | 65 | 65 | 65 | 64 | 65 | 64 | 65                        |
|            | 24                        | 65 | 68 | 71 | 72 | 70 | 67 | 62 | 56 | 55 | 56 | 61 | 65 | 65 | 64 | 65 | 64 | 64 | 64 | 64 | 65 | 66 | 63 | 62 | 63 | 64                        |
|            | 25                        | 64 | 68 | 72 | 68 | 64 | 62 | 64 | 63 | 60 | 63 | 66 | 69 | 74 | 73 | 78 | 75 | 77 | 77 | 76 | 74 | 72 | 71 | 71 | 68 | 70                        |
| D          | 26                        | 68 | 69 | 70 | 69 | 60 | 53 | 50 | 50 | 49 | 54 | 63 | 66 | 65 | 64 | 65 | 65 | 67 | 67 | 67 | 67 | 69 | 66 | 64 | 54 | 63                        |
|            | 27                        | 53 | 60 | 65 | 68 | 70 | 69 | 61 | 60 | 60 | 69 | 74 | 78 | 78 | 74 | 77 | 70 | 73 | 75 | 67 | 69 | 70 | 70 | 68 | 68 | 69                        |
|            | 28                        | 67 | 69 | 72 | 71 | 67 | 63 | 57 | 56 | 57 | 64 | 72 | 72 | 68 | 69 | 69 | 70 | 71 | 71 | 70 | 69 | 68 | 67 | 57 | 67 | 67                        |
|            | 29                        | 67 | 70 | 75 | 75 | 70 | 63 | 56 | 51 | 58 | 66 | 69 | 69 | 68 | 67 | 68 | 67 | 68 | 68 | 67 | 66 | 66 | 65 | 66 | 65 | 66                        |
|            | 30                        | 63 | 68 | 73 | 73 | 68 | 54 | 44 | 43 | 43 | 53 | 63 | 68 | 68 | 68 | 70 | 78 | 81 | 78 | 78 | 68 | 67 | 68 | 68 | 63 | 65                        |
| Среднее по |                           | 67 | 69 | 71 | 69 | 63 | 58 | 56 | 58 | 60 | 64 | 67 | 69 | 69 | 68 | 68 | 69 | 69 | 69 | 69 | 68 | 68 | 67 | 67 | 66 | 66                        |
| по Q       |                           | 68 | 71 | 73 | 71 | 65 | 59 | 58 | 60 | 64 | 67 | 70 | 70 | 69 | 68 | 67 | 68 | 68 | 67 | 67 | 67 | 67 | 67 | 66 | 66 | 67                        |
| по D       |                           | 61 | 65 | 69 | 69 | 64 | 61 | 58 | 57 | 58 | 64 | 68 | 71 | 73 | 71 | 74 | 73 | 76 | 75 | 73 | 71 | 71 | 70 | 69 | 67 | 68                        |

дням

Я Н Г И - Б А З А Р

о к т я б р ь

1971г.

Склонение  $\mathcal{D} = 4^{\circ} 30'$  + табличное значение в минутах  
Широта  $41^{\circ} 20'$  Долгота  $69^{\circ} 37'$ 

| Время :<br>Дни миро-<br>вое : |    | I    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 18   | 19   | 20   | 21   | 22   | 23   | 24   | Среднее<br>суточные |
|-------------------------------|----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------------------|
| D                             | 1  | 12.9 | 13.8 | 13.7 | 13.9 | 14.8 | 13.7 | 11.2 | 9.7  | 10.2 | 10.0 | 11.7 | 13.8 | 13.8 | 13.7 | 13.9 | 13.9 | 13.9 | 14.5 | 13.7 | 12.9 | 13.5 | 13.4 | 12.0 | 11.7 | 12.9                |
|                               | 2  | 12.8 | 13.3 | 15.3 | 16.8 | 16.4 | 14.8 | 12.2 | 9.8  | 8.7  | 9.8  | 13.2 | 13.9 | 12.8 | 13.2 | 12.2 | 13.3 | 14.1 | 13.8 | 12.8 | 12.9 | 13.0 | 12.9 | 11.3 | 13.8 | 13.0                |
|                               | 3  | 13.4 | 11.4 | 12.0 | 15.8 | 15.8 | 13.8 | 11.7 | 9.7  | 8.2  | 9.7  | 11.4 | 11.8 | 15.3 | 12.9 | 13.5 | 12.9 | 12.9 | 12.5 | 13.1 | 13.3 | 13.1 | 13.0 | 12.9 | 12.9 | 12.6                |
|                               | 4  | 12.8 | 13.7 | 14.8 | 15.8 | 15.9 | 14.6 | 11.8 | 9.7  | 8.9  | 10.7 | 11.7 | 12.5 | 13.6 | 14.6 | 13.7 | 12.6 | 12.6 | 12.6 | 12.8 | 12.9 | 14.7 | 14.7 | 13.2 | 13.1 | 13.1                |
|                               | 5  | 13.7 | 12.4 | 13.1 | 15.6 | 15.3 | 13.9 | 10.7 | 8.6  | 8.1  | 9.2  | 10.8 | 12.4 | 12.9 | 14.3 | 14.1 | 13.9 | 13.3 | 12.9 | 12.9 | 12.9 | 13.0 | 13.0 | 12.9 | 12.8 | 12.6                |
| D                             | 6  | 11.7 | 10.6 | 12.6 | 14.5 | 14.7 | 13.1 | 10.8 | 8.7  | 7.8  | 8.2  | 10.6 | 11.7 | 11.2 | 10.7 | 11.0 | 11.8 | 12.2 | 13.9 | 12.8 | 13.7 | 13.7 | 13.6 | 13.0 | 13.6 | 11.9                |
|                               | 7  | 12.9 | 13.5 | 14.8 | 16.8 | 17.0 | 16.0 | 13.5 | 10.4 | 9.2  | 9.7  | 10.7 | 11.7 | 11.8 | 11.8 | 11.8 | 11.9 | 12.8 | 12.9 | 14.3 | 13.9 | 14.8 | 14.8 | 14.9 | 14.8 | 13.2                |
|                               | 8  | 13.3 | 13.8 | 15.4 | 13.5 | 14.8 | 13.8 | 12.0 | 11.6 | 10.7 | 9.8  | 11.0 | 13.9 | 13.3 | 12.8 | 12.5 | 12.8 | 12.9 | 12.9 | 12.9 | 13.8 | 13.8 | 13.8 | 13.5 | 13.8 | 13.0                |
|                               | 9  | 13.3 | 12.2 | 11.8 | 13.6 | 15.3 | 13.1 | 9.7  | 9.8  | 9.0  | 9.7  | 12.8 | 14.3 | 14.1 | 13.9 | 13.1 | 13.8 | 13.9 | 13.7 | 14.3 | 14.9 | 13.4 | 12.9 | 13.3 | 12.6 | 12.9                |
|                               | 10 | 13.3 | 13.7 | 14.7 | 15.3 | 15.1 | 13.7 | 12.0 | 10.7 | 10.2 | 11.0 | 11.7 | 11.8 | 12.0 | 12.6 | 12.8 | 13.0 | 13.3 | 12.9 | 12.9 | 12.9 | 12.8 | 12.8 | 12.2 | 11.8 | 12.7                |
| II                            | 11 |      |      |      |      |      |      |      |      | 8.3  | 8.3  | 10.2 | 11.8 | 12.9 | 13.8 | 14.3 | 14.2 | 15.4 | 15.4 | 16.6 | 15.8 | 13.8 | 12.6 | 11.8 | 11.8 | -                   |
|                               | 12 | 12.6 | 13.0 | 14.4 | 15.8 | 16.6 | 15.0 | 12.6 | 9.8  | 8.2  | 8.6  | 10.2 | 12.2 | 12.6 | 12.2 | 12.5 | 12.2 | 12.9 | 14.6 | 15.3 | 14.6 | 14.6 | 13.4 | 12.6 | 13.0 | 12.9                |
|                               | 13 | 11.8 | 12.9 | 13.4 | 15.0 | 16.2 | 15.0 | 12.2 | 10.6 | 9.4  | 9.8  | 11.1 | 11.8 | 12.0 | 12.2 | 12.5 | 13.4 | 14.2 | 14.6 | 13.8 | 13.4 | 12.2 | 12.4 | 12.6 | 12.9 | 12.7                |
|                               | 14 | 12.2 | 12.2 | 12.6 | 13.8 | 14.2 | 12.6 | 10.6 | 9.4  | 9.0  | 10.4 | 11.8 | 12.6 | 12.9 | 14.2 | 13.0 | 11.8 | 12.2 | 12.6 | 13.0 | 13.0 | 13.0 | 13.0 | 13.4 | 13.2 | 12.4                |
|                               | 15 | 11.8 | 12.6 | 13.0 | 14.1 | 14.1 | 12.2 | 9.8  | 8.2  | 8.6  | 9.5  | 11.0 | 12.1 | 11.8 | 11.8 | 12.6 | 12.7 | 12.2 | 12.2 | 12.4 | 12.6 | 13.0 | 13.0 | 12.2 | 12.3 | 11.9                |
| Q                             | 16 | 12.2 | 12.2 | 13.4 | 14.6 | 15.0 | 13.4 | 10.6 | 8.2  | 7.8  | 8.6  | 10.2 | 11.4 | 11.8 | 12.2 | 11.8 | 11.8 | 12.2 | 12.8 | 12.8 | 12.6 | 12.6 | 12.6 | 12.4 | 12.1 | 11.9                |
|                               | 17 | 11.8 | 12.0 | 13.4 | 15.0 | 15.5 | 14.6 | 11.8 | 9.8  | 9.0  | 9.3  | 9.9  | 11.2 | 11.8 | 12.2 | 12.2 | 11.8 | 11.8 | 12.2 | 12.2 | 12.4 | 12.2 | 11.8 | 11.8 | 11.8 | 12.0                |
|                               | 18 | 11.7 | 11.8 | 13.0 | 14.6 | 15.8 | 14.6 | 11.1 | 8.4  | 7.0  | 7.4  | 9.0  | 10.9 | 11.4 | 11.6 | 11.8 | 11.9 | 12.2 | 12.2 | 12.6 | 12.3 | 12.2 | 12.2 | 12.2 | 11.9 | 11.7                |
|                               | 19 | 11.8 | 11.8 | 13.0 | 14.6 | 15.8 | 15.8 | 13.8 | 10.6 | 8.2  | 8.5  | 9.8  | 11.3 | 11.8 | 11.7 | 11.8 | 11.8 | 11.8 | 12.1 | 12.1 | 12.1 | 12.0 | 12.2 | 12.1 | 12.2 | 12.0                |
|                               | 20 | 12.0 | 11.9 | 13.0 | 14.2 | 15.0 | 14.7 | 12.5 | 9.8  | 8.2  | 8.2  | 9.9  | 11.4 | 11.7 | 12.2 | 11.8 | 11.8 | 11.8 | 12.2 | 12.7 | 12.7 | 12.4 | 12.2 | 11.8 | 11.8 | 11.9                |
| Q                             | 21 | 12.0 | 12.4 | 13.1 | 14.6 | 15.4 | 15.8 | 14.0 | 11.4 | 9.3  | 9.0  | 10.2 | 11.5 | 12.2 | 12.2 | 12.8 | 12.7 | 13.4 | 13.5 | 13.4 | 13.4 | 13.1 | 13.0 | 11.8 | 12.6 | 12.6                |
|                               | 22 | 12.6 | 12.6 | 13.8 | 15.3 | 16.2 | 15.9 | 14.4 | 11.9 | 10.6 | 10.2 | 10.8 | 11.7 | 11.8 | 12.2 | 12.6 | 12.6 | 13.8 | 15.4 | 15.8 | 15.0 | 14.2 | 14.0 | 13.7 | 13.4 | 13.4                |
|                               | 23 | 13.4 | 13.4 | 13.8 | 14.2 | 14.2 | 13.3 | 11.9 | 10.2 | 9.4  | 9.8  | 10.7 | 11.0 | 10.6 | 10.6 | 10.6 | 11.0 | 12.2 | 12.8 | 13.4 | 13.8 | 14.6 | 14.7 | 14.6 | 13.4 | 12.4                |
|                               | 24 | 13.0 | 12.6 | 12.8 | 13.4 | 13.4 | 13.4 | 13.4 | 11.8 | 10.7 | 11.8 | 12.2 | 12.2 | 12.2 | 15.8 | 13.0 | 12.7 | 13.0 | 13.2 | 13.4 | 14.1 | 15.0 | 13.5 | 13.8 | 13.7 | 13.1                |
|                               | 25 | 12.6 | 13.4 | 13.9 | 14.6 | 14.6 | 14.1 | 12.6 | 11.5 | 11.0 | 11.1 | 11.9 | 13.1 | 13.2 | 12.6 | 12.6 | 12.8 | 13.2 | 13.4 | 13.8 | 13.8 | 13.8 | 14.2 | 13.4 | 13.0 | 13.1                |
| Q                             | 26 | 13.1 | 13.4 | 14.3 | 15.1 | 15.0 | 14.2 | 12.2 | 9.8  | 9.4  | 10.4 | 11.8 | 12.4 | 12.4 | 12.6 | 12.6 | 12.6 | 12.7 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | 12.5 | 12.7 | 12.6                |
|                               | 27 | 13.1 | 13.1 | 13.5 | 14.4 | 14.6 | 14.1 | 12.6 | 10.9 | 10.2 | 11.0 | 12.1 | 12.5 | 11.8 | 11.9 | 12.2 | 12.3 | 12.3 | 12.6 | 12.8 | 13.0 | 13.0 | 12.9 | 12.7 | 12.4 | 12.6                |
|                               | 28 | 12.1 | 11.9 | 12.8 | 13.5 | 13.8 | 13.3 | 11.9 | 9.9  | 9.5  | 10.0 | 11.4 | 12.0 | 11.6 | 12.2 | 11.4 | 11.6 | 11.7 | 12.2 | 14.0 | 17.0 | 13.8 | 13.8 | 12.5 | 9.8  | 12.2                |
|                               | 29 | 10.7 | 10.0 | 10.6 | 12.6 | 14.8 | 15.4 | 14.2 | 13.3 | 12.0 | 12.3 | 13.6 | 13.0 | 13.4 | 13.1 | 13.8 | 14.6 | 13.4 | 13.4 | 13.9 | 13.2 | 15.2 | 13.0 | 14.6 | 14.0 | 13.3                |
|                               | 30 | 12.9 | 11.7 | 12.9 | 13.2 | 13.5 | 14.4 | 13.4 | 12.4 | 11.8 | 12.4 | 13.4 | 13.6 | 13.0 | 13.3 | 13.9 | 14.2 | 13.6 | 13.2 | 13.1 | 13.0 | 13.1 | 13.3 | 13.2 | 13.0 | 13.1                |
| D                             | 31 | 13.0 | 12.8 | 12.6 | 13.5 | 14.6 | 14.7 | 13.4 | 12.2 | 11.5 | 12.0 | 12.8 | 12.8 | 12.6 | 12.6 | 12.6 | 12.6 | 12.6 | 12.6 | 12.9 | 13.2 | 13.0 | 12.9 | 12.6 | 12.6 | 12.9                |
|                               |    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                     |
| Среднее по всем               |    | 12.6 | 12.5 | 13.4 | 14.6 | 15.1 | 14.2 | 12.2 | 10.3 | 9.4  | 9.9  | 11.3 | 12.3 | 12.4 | 12.7 | 12.6 | 12.6 | 12.8 | 13.1 | 13.3 | 13.4 | 13.4 | 13.2 | 12.9 | 12.8 | 12.6                |
| по Q                          |    | 12.3 | 12.4 | 13.4 | 14.7 | 15.3 | 14.7 | 12.3 | 9.9  | 8.8  | 9.3  | 10.5 | 11.7 | 11.8 | 12.0 | 12.1 | 12.1 | 12.2 | 12.4 | 12.5 | 12.5 | 12.4 | 12.4 | 12.3 | 12.2 | 12.2                |
| по D                          |    | 12.6 | 12.6 | 13.4 | 14.1 | 15.2 | 14.2 | 11.9 | 10.8 | 10.1 | 10.3 | 12.5 | 13.8 | 13.5 | 13.3 | 13.1 | 13.7 | 13.6 | 13.7 | 13.5 | 13.5 | 13.8 | 13.2 | 12.9 | 13.2 | 13.0                |

дням



Горизонтальная составляющая  $H = 25700 +$  табличное значение в гаммах  
 Широта  $41^{\circ}20'$  Долгота  $69^{\circ}37'$

| Время           |              | 5   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | Средне |     |          |
|-----------------|--------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|-----|----------|
| Дни             | миро-<br>вое | :   | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24     | :   | суточные |
| D               | 1            |     | 160 | 158 | 140 | 142 | 125 | 125 | 137 | 136 | 137 | 148 | 151 | 153 | 152 | 157 | 153 | 160 | 154 | 154 | 160 | 166 | 168 | 170 | 168 | 173    |     | 152      |
|                 | 2            |     | 160 | 157 | 157 | 146 | 138 | 131 | 125 | 140 | 145 | 147 | 147 | 144 | 149 | 165 | 166 | 158 | 157 | 157 | 168 | 166 | 165 | 166 | 183 | 168    |     | 154      |
|                 | 3            |     | 167 | 158 | 156 | 153 | 141 | 137 | 136 | 144 | 156 | 161 | 167 | 165 | 157 | 154 | 165 | 157 | 161 | 171 | 164 | 163 | 165 | 167 | 168 | 166    |     | 158      |
|                 | 4            |     | 168 | 162 | 164 | 158 | 147 | 138 | 149 | 163 | 170 | 162 | 168 | 170 | 169 | 164 | 155 | 161 | 168 | 169 | 171 | 170 | 171 | 167 | 158 | 158    |     | 162      |
|                 | 5            |     | 161 | 159 | 156 | 147 | 144 | 128 | 127 | 133 | 149 | 169 | 170 | 167 | 161 | 161 | 164 | 150 | 151 | 159 | 165 | 165 | 165 | 167 | 167 | 176    |     | 157      |
| D               | 6            |     | 170 | 176 | 182 | 180 | 161 | 144 | 150 | 159 | 173 | 182 | 176 | 176 | 175 | 175 | 171 | 158 | 158 | 138 | 159 | 159 | 159 | 161 | 170 | 158    |     | 165      |
|                 | 7            |     | 165 | 167 | 166 | 156 | 152 | 142 | 144 | 155 | 166 | 171 | 172 | 172 | 169 | 167 | 167 | 168 | 169 | 163 | 163 | 166 | 181 | 183 | 167 | 151    |     | 164      |
|                 | 8            |     | 144 | 143 | 146 | 129 | 123 | 133 | 139 | 137 | 138 | 146 | 142 | 117 | 120 | 155 | 158 | 160 | 160 | 171 | 169 | 160 | 157 | 155 | 160 | 158    |     | 147      |
|                 | 9            |     | 167 | 184 | 182 | 173 | 143 | 119 | 132 | 150 | 159 | 155 | 140 | 133 | 118 | 128 | 156 | 171 | 161 | 153 | 161 | 164 | 156 | 159 | 159 | 156    |     | 153      |
|                 | 10           |     | 158 | 161 | 161 | 156 | 142 | 138 | 138 | 145 | 155 | 163 | 168 | 170 | 168 | 165 | 164 | 163 | 164 | 165 | 167 | 166 | 168 | 169 | 169 | 170    |     | 161      |
|                 | 11           |     |     |     |     |     |     |     |     |     | 153 | 161 | 172 | 169 | 166 | 164 | 167 | 142 | 128 | 131 | 131 | 134 | 145 | 154 | 158 | 157    |     | -        |
|                 | 12           |     | 157 | 158 | 155 | 144 | 138 | 137 | 141 | 145 | 155 | 161 | 164 | 164 | 163 | 162 | 166 | 168 | 164 | 157 | 160 | 159 | 169 | 163 | 171 | 168    |     | 158      |
|                 | 13           |     | 173 | 178 | 182 | 170 | 158 | 151 | 155 | 157 | 155 | 157 | 167 | 162 | 157 | 157 | 169 | 187 | 179 | 157 | 161 | 164 | 169 | 170 | 170 | 170    |     | 166      |
|                 | 14           |     | 169 | 173 | 175 | 175 | 172 | 173 | 175 | 179 | 187 | 193 | 192 | 181 | 167 | 152 | 149 | 164 | 170 | 170 | 170 | 167 | 170 | 170 | 169 | 163    |     | 172      |
|                 | 15           |     | 176 | 170 | 170 | 161 | 152 | 160 | 167 | 176 | 179 | 181 | 178 | 171 | 170 | 169 | 163 | 161 | 169 | 172 | 173 | 173 | 175 | 173 | 176 | 175    |     | 170      |
| Q               | 16           |     | 174 | 175 | 175 | 167 | 158 | 151 | 155 | 169 | 177 | 179 | 176 | 176 | 170 | 170 | 172 | 174 | 175 | 173 | 181 | 178 | 176 | 175 | 175 | 176    |     | 172      |
|                 | 17           |     | 176 | 175 | 173 | 167 | 157 | 155 | 158 | 160 | 166 | 172 | 173 | 172 | 173 | 175 | 174 | 180 | 182 | 184 | 182 | 181 | 181 | 183 | 181 | 180    |     | 173      |
|                 | 18           |     | 179 | 182 | 181 | 173 | 161 | 151 | 149 | 155 | 167 | 175 | 181 | 184 | 185 | 182 | 180 | 179 | 180 | 180 | 180 | 185 | 184 | 183 | 182 | 182    |     | 176      |
|                 | 19           |     | 182 | 183 | 185 | 182 | 175 | 163 | 155 | 155 | 167 | 175 | 181 | 182 | 181 | 183 | 182 | 182 | 183 | 183 | 185 | 183 | 183 | 181 | 181 | 179    |     | 178      |
|                 | 20           |     | 179 | 184 | 186 | 185 | 179 | 172 | 172 | 175 | 181 | 186 | 187 | 185 | 182 | 176 | 179 | 182 | 186 | 185 | 188 | 176 | 178 | 178 | 179 | 179    |     | 181      |
|                 | 21           |     | 179 | 181 | 181 | 179 | 170 | 163 | 157 | 160 | 169 | 184 | 188 | 185 | 179 | 175 | 170 | 167 | 163 | 163 | 172 | 171 | 173 | 173 | 181 | 179    |     | 173      |
|                 | 22           |     | 179 | 181 | 182 | 178 | 167 | 158 | 149 | 145 | 149 | 151 | 156 | 156 | 158 | 159 | 161 | 159 | 150 | 133 | 137 | 157 | 164 | 168 | 169 | 169    |     | 160      |
|                 | 23           |     | 169 | 172 | 173 | 175 | 176 | 179 | 179 | 185 | 188 | 196 | 193 | 193 | 203 | 197 | 203 | 203 | 184 | 181 | 181 | 178 | 176 | 178 | 175 | 179    |     | 184      |
|                 | 24           |     | 175 | 182 | 185 | 188 | 197 | 184 | 174 | 175 | 174 | 173 | 181 | 173 | 156 | 126 | 155 | 163 | 163 | 163 | 169 | 163 | 158 | 159 | 160 | 157    |     | 169      |
|                 | 25           |     | 162 | 160 | 161 | 161 | 160 | 161 | 160 | 161 | 169 | 173 | 167 | 160 | 155 | 159 | 165 | 167 | 173 | 173 | 167 | 167 | 172 | 164 | 164 | 167    |     | 164      |
| Q               | 26           |     | 167 | 168 | 170 | 169 | 167 | 163 | 163 | 168 | 170 | 173 | 173 | 173 | 173 | 173 | 173 | 174 | 174 | 175 | 178 | 178 | 177 | 176 | 177 | 179    |     | 172      |
|                 | 27           |     | 174 | 175 | 175 | 178 | 176 | 173 | 176 | 179 | 182 | 183 | 181 | 179 | 181 | 181 | 179 | 179 | 182 | 184 | 181 | 180 | 181 | 185 | 185 | 186    |     | 180      |
|                 | 28           |     | 187 | 189 | 188 | 185 | 180 | 185 | 190 | 197 | 188 | 180 | 169 | 150 | 167 | 169 | 183 | 185 | 192 | 188 | 164 | 176 | 185 | 181 | 176 | 190    |     | 181      |
|                 | 29           |     | 193 | 182 | 169 | 165 | 150 | 151 | 140 | 138 | 148 | 151 | 154 | 155 | 151 | 159 | 150 | 154 | 181 | 168 | 165 | 187 | 167 | 183 | 167 | 164    |     | 162      |
|                 | 30           |     | 157 | 171 | 158 | 148 | 148 | 148 | 154 | 165 | 167 | 157 | 153 | 153 | 155 | 153 | 151 | 168 | 160 | 161 | 165 | 167 | 167 | 167 | 167 | 167    |     | 159      |
| 31              |              | 168 | 167 | 165 | 163 | 162 | 161 | 158 | 160 | 166 | 167 | 166 | 166 | 166 | 167 | 169 | 167 | 169 | 179 | 175 | 173 | 173 | 175 | 175 | 175 |        | 168 |          |
| Среднее по всем |              |     | 170 | 171 | 170 | 165 | 157 | 152 | 153 | 159 | 165 | 169 | 169 | 166 | 164 | 164 | 167 | 169 | 169 | 168 | 169 | 170 | 171 | 172 | 172 | 171    |     | 166      |
| по Q            |              |     | 176 | 177 | 177 | 174 | 167 | 161 | 160 | 163 | 170 | 176 | 178 | 178 | 179 | 179 | 178 | 179 | 180 | 182 | 181 | 181 | 181 | 182 | 181 | 181    |     | 176      |
| по D            |              |     | 165 | 165 | 159 | 151 | 136 | 132 | 135 | 140 | 145 | 149 | 147 | 140 | 138 | 153 | 157 | 161 | 163 | 161 | 165 | 169 | 163 | 167 | 167 | 164    |     | 154      |
| ДНЯМ            |              |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |        |     |          |

Вертикальная составляющая  $Z = 45300$  + табличное значение в гаммах  
 Широта  $41^{\circ} 20'$  Долгота  $69^{\circ} 37'$

| Дни |                   | Время<br>миро-<br>вое |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | Средне<br>суточные |
|-----|-------------------|-----------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--------------------|
|     |                   | I                     | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |    |                    |
| D   | I                 | 62                    | 68 | 68 | 68 | 62 | 59 | 53 | 48 | 57 | 62 | 69 | 73 | 68 | 68 | 68 | 70 | 68 | 68 | 68 | 68 | 68 | 68 | 64 | 62 | 65 |                    |
|     | 2                 | 62                    | 66 | 72 | 68 | 63 | 58 | 52 | 52 | 58 | 68 | 72 | 72 | 69 | 72 | 68 | 67 | 68 | 68 | 67 | 67 | 67 | 67 | 67 | 62 | 66 |                    |
|     | 3                 | 63                    | 62 | 67 | 72 | 64 | 57 | 52 | 47 | 52 | 57 | 67 | 67 | 68 | 67 | 70 | 67 | 68 | 68 | 65 | 67 | 67 | 67 | 67 | 65 | 64 |                    |
|     | 4                 | 67                    | 67 | 72 | 72 | 64 | 57 | 52 | 49 | 54 | 62 | 70 | 71 | 67 | 67 | 67 | 67 | 67 | 67 | 67 | 67 | 67 | 65 | 62 | 64 | 65 |                    |
|     | 5                 | 66                    | 66 | 71 | 72 | 73 | 65 | 56 | 56 | 56 | 62 | 67 | 70 | 66 | 67 | 67 | 66 | 67 | 69 | 66 | 66 | 66 | 66 | 66 | 66 | 63 | 66                 |
| D   | 6                 | 62                    | 62 | 66 | 70 | 66 | 62 | 62 | 56 | 52 | 63 | 67 | 68 | 62 | 62 | 63 | 65 | 67 | 68 | 68 | 66 | 66 | 66 | 66 | 62 | 64 |                    |
|     | 7                 | 66                    | 67 | 72 | 77 | 77 | 67 | 57 | 51 | 52 | 56 | 61 | 62 | 62 | 62 | 62 | 63 | 66 | 62 | 66 | 63 | 68 | 62 | 57 | 56 | 63 |                    |
|     | 8                 | 58                    | 65 | 73 | 72 | 71 | 69 | 62 | 54 | 57 | 62 | 65 | 67 | 72 | 73 | 68 | 67 | 66 | 67 | 66 | 63 | 63 | 63 | 64 | 63 | 65 |                    |
|     | 9                 | 64                    | 68 | 68 | 68 | 63 | 54 | 55 | 54 | 53 | 54 | 62 | 69 | 70 | 74 | 74 | 73 | 65 | 65 | 69 | 64 | 64 | 64 | 64 | 63 | 64 |                    |
|     | 10                | 65                    | 67 | 69 | 66 | 59 | 54 | 51 | 54 | 56 | 59 | 64 | 64 | 63 | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 63 | 63 | 62 |                    |
| D   | 11                |                       |    |    |    |    |    |    |    | 63 | 64 | 67 | 67 | 67 | 67 | 65 | 65 | 67 | 71 | 71 | 70 | 71 | 69 | 69 | 67 | -  |                    |
|     | 12                | 68                    | 71 | 73 | 71 | 67 | 58 | 53 | 51 | 57 | 62 | 68 | 69 | 67 | 67 | 67 | 67 | 67 | 69 | 69 | 69 | 66 | 67 | 67 | 65 | 66 |                    |
|     | 13                | 65                    | 66 | 68 | 69 | 67 | 60 | 59 | 57 | 54 | 57 | 66 | 67 | 66 | 69 | 71 | 71 | 65 | 65 | 67 | 67 | 67 | 67 | 67 | 66 | 65 |                    |
|     | 14                | 65                    | 67 | 71 | 73 | 69 | 59 | 53 | 55 | 60 | 67 | 69 | 65 | 64 | 67 | 67 | 72 | 71 | 69 | 69 | 69 | 69 | 67 | 66 | 65 | 66 |                    |
|     | 15                | 65                    | 67 | 70 | 69 | 65 | 60 | 58 | 60 | 60 | 62 | 64 | 65 | 65 | 66 | 66 | 67 | 69 | 68 | 67 | 67 | 66 | 66 | 65 | 65 | 65 |                    |
| Q   | 16                | 64                    | 66 | 70 | 67 | 61 | 55 | 55 | 58 | 63 | 66 | 68 | 67 | 64 | 67 | 65 | 66 | 65 | 65 | 66 | 65 | 64 | 65 | 64 | 64 | 64 |                    |
|     | 17                | 63                    | 65 | 69 | 68 | 63 | 51 | 43 | 41 | 46 | 55 | 63 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 64 | 64 | 63 | 63 | 63 | 63 | 61 |                    |
|     | 18                | 62                    | 64 | 67 | 69 | 65 | 52 | 45 | 50 | 61 | 67 | 68 | 67 | 64 | 63 | 63 | 63 | 63 | 64 | 63 | 63 | 63 | 62 | 62 | 62 | 62 |                    |
|     | 19                | 62                    | 64 | 68 | 71 | 69 | 59 | 54 | 48 | 55 | 65 | 69 | 67 | 63 | 62 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 62 | 61 | 61 | 62 |                    |
|     | 20                | 61                    | 63 | 66 | 67 | 63 | 51 | 41 | 41 | 45 | 53 | 61 | 63 | 61 | 61 | 61 | 63 | 63 | 63 | 63 | 60 | 62 | 62 | 62 | 62 | 59 |                    |
| Q   | 21                | 61                    | 63 | 65 | 65 | 65 | 57 | 51 | 49 | 51 | 58 | 62 | 61 | 61 | 61 | 61 | 62 | 63 | 65 | 65 | 63 | 63 | 63 | 63 | 61 | 61 |                    |
|     | 22                | 62                    | 63 | 67 | 67 | 63 | 55 | 45 | 45 | 51 | 59 | 63 | 64 | 65 | 65 | 66 | 66 | 65 | 67 | 71 | 71 | 69 | 69 | 66 | 65 | 63 |                    |
|     | 23                | 65                    | 65 | 65 | 65 | 63 | 57 | 50 | 47 | 51 | 59 | 60 | 60 | 59 | 59 | 61 | 61 | 59 | 61 | 62 | 63 | 65 | 63 | 62 | 62 | 60 |                    |
|     | 24                | 61                    | 63 | 63 | 64 | 61 | 52 | 48 | 49 | 51 | 58 | 62 | 60 | 60 | 65 | 69 | 68 | 67 | 66 | 67 | 63 | 63 | 64 | 65 | 64 | 61 |                    |
|     | 25                | 65                    | 65 | 66 | 64 | 59 | 56 | 51 | 48 | 51 | 59 | 62 | 64 | 63 | 66 | 65 | 65 | 66 | 63 | 63 | 63 | 63 | 61 | 62 | 63 | 61 |                    |
| Q   | 26                | 63                    | 65 | 66 | 65 | 60 | 53 | 46 | 46 | 51 | 58 | 61 | 62 | 61 | 61 | 61 | 61 | 61 | 61 | 60 | 59 | 59 | 59 | 59 | 59 | 59 |                    |
|     | 27                | 58                    | 59 | 63 | 63 | 61 | 54 | 46 | 43 | 48 | 55 | 56 | 53 | 52 | 52 | 52 | 52 | 54 | 53 | 53 | 53 | 53 | 53 | 51 | 51 | 54 |                    |
|     | 28                | 51                    | 51 | 54 | 55 | 50 | 44 | 39 | 35 | 35 | 45 | 51 | 52 | 58 | 57 | 58 | 57 | 58 | 56 | 57 | 61 | 57 | 56 | 57 | 58 | 52 |                    |
|     | 29                | 50                    | 51 | 55 | 60 | 61 | 55 | 45 | 42 | 49 | 58 | 63 | 60 | 61 | 62 | 60 | 63 | 63 | 58 | 59 | 62 | 54 | 58 | 54 | 56 | 57 |                    |
|     | 30                | 56                    | 60 | 57 | 61 | 62 | 59 | 56 | 50 | 51 | 56 | 62 | 62 | 62 | 62 | 63 | 65 | 60 | 62 | 62 | 61 | 61 | 60 | 61 | 61 | 60 |                    |
| D   | 31                | 61                    | 61 | 63 | 67 | 65 | 58 | 49 | 46 | 51 | 60 | 63 | 60 | 60 | 60 | 60 | 59 | 59 | 59 | 55 | 55 | 54 | 53 | 53 | 53 | 58 |                    |
|     | Средне<br>по всем | 62                    | 64 | 67 | 68 | 64 | 57 | 51 | 49 | 53 | 59 | 64 | 65 | 64 | 64 | 65 | 65 | 64 | 64 | 64 | 64 | 63 | 63 | 62 | 62 | 62 |                    |
|     | по Q              | 62                    | 63 | 67 | 67 | 64 | 54 | 47 | 46 | 52 | 60 | 63 | 63 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 60 | 60 | 60 | 59 | 59 | 60 |                    |
|     | по D              | 59                    | 64 | 67 | 67 | 64 | 59 | 53 | 50 | 55 | 61 | 66 | 68 | 68 | 70 | 68 | 68 | 66 | 65 | 66 | 65 | 63 | 64 | 63 | 61 | 63 |                    |
|     | ДНЯМ              |                       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |

ЯНГИ-БАЗАР  
ноябрь 1971 года

Склонение  $24^{\circ} 30'$  + табличное значение в минутах  
Широта  $41^{\circ} 20'$  Долгота  $69^{\circ} 37'$

| Дата              |    | Время :<br>миро-<br>вое | I    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 18   | 19   | 20   | 21   | 22   | 23   | 24   | Средне<br>: суточные |
|-------------------|----|-------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------------------|
| Q                 | 1  | 11.4                    | 11.7 | 12.2 | 13.3 | 13.8 | 13.0 | 11.4 | 10.4 | 10.4 | 11.8 | 12.6 | 12.6 | 12.1 | 12.2 | 12.2 | 12.3 | 12.9 | 13.0 | 13.0 | 12.6 | 12.6 | 12.4 | 12.2 | 12.3 | 12.3 |                      |
|                   | 2  | 12.4                    | 12.6 | 13.4 | 14.2 | 14.6 | 13.4 | 11.1 | 9.8  | 10.0 | 11.2 | 12.2 | 12.3 | 12.2 | 12.2 | 12.4 | 13.0 | 12.5 | 12.8 | 13.0 | 12.2 | 12.6 | 12.6 | 12.6 | 12.2 | 12.4 |                      |
|                   | 3  | 12.2                    | 12.4 | 13.0 | 14.0 | 13.8 | 13.4 | 11.9 | 11.0 | 11.0 | 11.8 | 12.6 | 12.6 | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 | 12.1 | 11.9 | 12.0 | 12.3 |                      |
|                   | 4  | 11.8                    | 11.6 | 12.2 | 12.6 | 13.0 | 11.7 | 10.6 | 10.1 | 10.1 | 11.0 | 11.4 | 11.7 | 11.7 | 11.8 | 11.7 | 11.8 | 12.1 | 12.8 | 12.9 | 13.0 | 13.0 | 12.6 | 12.2 | 12.2 | 11.9 |                      |
|                   | 5  | 12.3                    | 12.5 | 13.0 | 13.4 | 14.1 | 13.3 | 11.8 | 10.6 | 9.8  | 10.2 | 11.4 | 11.6 | 11.8 | 11.5 | 11.8 | 12.2 | 12.6 | 13.4 | 13.0 | 13.0 | 13.0 | 13.4 | 13.4 | 13.0 | 12.3 |                      |
|                   | 6  | 13.0                    | 12.8 | 12.9 | 13.7 | 13.8 | 13.0 | 10.6 | 9.4  | 9.4  | 10.5 | 11.5 | 11.8 | 11.8 | 11.8 | 11.8 | 11.9 | 12.0 | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 | 11.8 | 11.8 | 11.4 | 11.9                 |
|                   | 7  | 11.5                    | 11.4 | 12.2 | 12.6 | 13.3 | 12.9 | 11.4 | 10.2 | 9.7  | 10.6 | 11.4 | 11.8 | 12.1 | 12.2 | 13.0 | 11.8 | 11.8 | 12.0 | 12.2 | 12.5 | 12.5 | 12.6 | 12.6 | 12.6 | 12.0 |                      |
|                   | 8  | 12.3                    | 12.6 | 12.6 | 14.0 | 14.2 | 13.4 | 11.4 | 10.5 | 10.0 | 10.2 | 11.0 | 11.0 | 11.0 | 11.0 | 11.3 | 11.2 | 13.1 | 13.1 | 13.8 | 12.5 | 12.3 | 12.6 | 12.8 | 11.4 | 12.1 |                      |
|                   | 9  | 12.2                    | 12.6 | 13.1 | 14.2 | 14.4 | 13.8 | 12.2 | 10.6 | 10.5 | 11.0 | 11.5 | 11.8 | 12.2 | 12.2 | 12.1 | 12.1 | 12.2 | 12.2 | 12.4 | 12.6 | 12.6 | 12.4 | 12.2 | 12.1 | 12.3 |                      |
|                   | 10 | 11.9                    | 11.8 | 12.6 | 13.4 | 13.0 | 12.2 | 11.4 | 10.4 | 9.8  | 10.2 | 11.0 | 11.3 | 11.3 | 11.4 | 11.4 | 11.2 | 11.0 | 11.2 | 11.2 | 11.7 | 11.8 | 12.2 | 12.2 | 13.2 | 11.6 |                      |
| Q                 | 11 | 13.3                    | 13.3 | 12.7 | 13.8 | 14.2 | 13.1 | 12.2 | 11.5 | 10.6 | 11.0 | 11.4 | 11.8 | 11.6 | 11.8 | 12.2 | 12.4 | 13.0 | 14.0 | 13.7 | 13.5 | 12.4 | 13.4 | 13.4 | 13.0 | 12.6 |                      |
|                   | 12 | 13.0                    | 12.6 | 12.4 | 13.0 | 13.0 | 12.8 | 11.8 | 10.6 | 10.2 | 11.0 | 11.6 | 11.8 | 11.8 | 12.0 | 12.2 | 13.0 | 12.6 | 12.6 | 12.6 | 13.0 | 13.8 | 14.2 | 13.4 | 12.6 | 12.4 |                      |
|                   | 13 | 12.2                    | 12.2 | 12.4 | 13.1 | 13.3 | 12.6 | 11.8 | 11.0 | 11.0 | 11.2 | 11.6 | 11.5 | 11.8 | 11.8 | 12.2 | 12.6 | 13.0 | 12.6 | 12.6 | 12.6 | 12.5 | 12.4 | 12.3 | 12.2 | 12.2 |                      |
|                   | 14 | 12.1                    | 12.2 | 12.9 | 14.0 | 14.2 | 12.8 | 11.0 | 10.0 | 9.8  | 10.6 | 11.3 | 11.4 | 11.6 | 11.8 | 11.9 | 12.1 | 12.2 | 12.4 | 12.4 | 12.2 | 12.2 | 12.2 | 11.9 | 11.8 | 12.0 |                      |
|                   | 15 | 11.9                    | 12.2 | 12.6 | 13.4 | 13.8 | 13.3 | 12.1 | 10.8 | 10.2 | 10.5 | 11.0 | 11.4 | 11.5 | 11.6 | 11.7 | 11.8 | 11.8 | 12.2 | 12.5 | 12.9 | 13.0 | 13.1 | 12.6 | 12.6 | 12.1 |                      |
| Q                 | 16 | 12.2                    | 12.0 | 12.6 | 13.4 | 14.2 | 13.8 | 12.2 | 10.9 | 10.2 | 10.6 | 11.0 | 11.3 | 11.8 | 11.8 | 11.8 | 11.8 | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 | 12.4 | 12.2 | 12.1 | 11.8 | 12.0                 |
|                   | 17 | 11.9                    | 12.0 | 12.2 | 12.6 | 13.0 | 12.6 | 11.3 | 10.2 | 9.6  | 9.9  | 10.6 | 11.4 | 11.8 | 11.8 | 11.8 | 11.8 | 12.1 | 12.2 | 12.6 | 12.6 | 12.2 | 11.8 | 11.4 | 11.0 | 11.7 |                      |
|                   | 18 | 11.0                    | 10.8 | 10.5 | 11.0 | 12.6 | 13.8 | 13.2 | 11.1 | 10.2 | 10.2 | 10.8 | 11.3 | 11.4 | 11.8 | 12.0 | 11.8 | 11.8 | 12.2 | 12.6 | 12.6 | 12.2 | 11.9 | 11.6 | 11.4 | 11.7 |                      |
|                   | 19 | 11.4                    | 11.6 | 11.5 | 12.5 | 13.0 | 12.7 | 11.4 | 9.9  | 9.0  | 9.5  | 10.7 | 11.3 | 11.4 | 11.4 | 11.9 | 12.2 | 12.7 | 12.6 | 12.7 | 12.9 | 13.0 | 13.0 | 12.6 | 12.3 | 11.8 |                      |
|                   | 20 | 11.8                    | 11.8 | 11.8 | 12.4 | 13.4 | 14.4 | 13.4 | 12.1 | 11.4 | 11.7 | 12.2 | 12.2 | 12.2 | 11.8 | 12.1 | 12.2 | 12.4 | 13.0 | 14.6 | 14.0 | 13.8 | 13.6 | 13.4 | 12.2 | 12.7 |                      |
| D                 | 21 | 11.8                    | 11.4 | 11.4 | 11.4 | 12.2 | 12.1 | 11.6 | 10.1 | 11.0 | 12.6 | 13.0 | 13.0 | 13.4 | 14.0 | 14.1 | 13.0 | 12.8 | 13.0 | 14.1 | 14.6 | 13.8 | 13.4 | 13.4 | 13.4 | 12.7 |                      |
|                   | 22 | 12.6                    | 12.6 | 11.9 | 12.2 | 12.6 | 10.2 | 10.7 | 11.4 | 11.8 | 13.4 | 13.0 | 13.1 | 13.0 | 12.6 | 13.4 | 15.0 | 14.6 | 13.0 | 13.7 | 15.4 | 13.8 | 12.4 | 13.8 | 12.0 | 12.8 |                      |
|                   | 23 | 9.8                     | 11.0 | 11.0 | 12.6 | 12.9 | 11.8 | 13.0 | 12.2 | 12.4 | 13.1 | 12.6 | 13.0 | 14.2 | 14.4 | 13.4 | 16.6 | 13.9 | 13.1 | 14.6 | 15.4 | 15.4 | 11.4 | 12.3 | 13.4 | 13.1 |                      |
|                   | 24 | 11.7                    | 11.0 | 11.6 | 12.0 | 13.1 | 14.0 | 13.0 | 13.8 | 13.7 | 13.0 | 13.4 | 12.6 | 14.5 | 14.0 | 15.0 | 13.4 | 14.6 | 13.4 | 12.6 | 13.0 | 14.6 | 12.2 | 11.8 | 11.5 | 13.1 |                      |
|                   | 25 | 12.6                    | 10.9 | 10.4 | 11.4 | 11.0 | 11.3 | 12.7 | 15.7 | 15.5 | 15.3 | 16.8 | 15.9 | 18.9 | 18.2 | 16.8 | 17.8 | 16.6 | 16.8 | 13.6 | 13.9 | 13.8 | 13.3 | 11.0 | 12.2 | 14.3 |                      |
| D                 | 26 | 12.6                    | 12.4 | 12.2 | 12.2 | 12.1 | 13.0 | 12.5 | 12.7 | 13.7 | 12.2 | 12.6 | 14.2 | 13.5 | 12.7 | 12.6 | 13.0 | 13.0 | 13.5 | 13.6 | 12.7 | 13.2 | 13.0 | 12.7 | 12.6 | 12.9 |                      |
|                   | 27 | 12.2                    | 12.2 | 11.9 | 12.2 | 12.6 | 12.4 | 11.8 | 11.7 | 11.8 | 12.2 | 12.2 | 12.6 | 13.0 | 12.6 | 13.0 | 13.0 | 13.8 | 13.0 | 12.9 | 12.6 | 12.2 | 12.2 | 12.4 | 12.6 | 12.5 |                      |
|                   | 28 | 11.9                    | 12.2 | 12.6 | 13.4 | 13.4 | 12.7 | 11.8 | 11.4 | 11.2 | 11.6 | 12.2 | 13.3 | 12.4 | 12.6 | 12.7 | 12.6 | 12.4 | 12.4 | 12.6 | 12.2 | 13.0 | 13.0 | 12.2 | 12.2 | 12.4 |                      |
|                   | 29 | 11.4                    | 12.2 | 12.2 | 12.6 | 12.8 | 12.2 | 11.4 | 11.3 | 11.4 | 11.6 | 11.9 | 12.1 | 12.4 | 12.7 | 12.6 | 12.6 | 12.6 | 13.5 | 14.2 | 13.0 | 14.2 | 12.2 | 11.5 | 11.3 | 12.3 |                      |
|                   | 30 | 11.0                    | 11.4 | 11.5 | 11.8 | 12.2 | 12.2 | 12.3 | 12.2 | 11.9 | 11.7 | 11.8 | 11.9 | 12.3 | 13.0 | 12.2 | 12.2 | 12.2 | 12.3 | 12.4 | 12.3 | 12.6 | 12.4 | 12.2 | 12.0 | 12.1 |                      |
| Средне по<br>всем |    | 12.0                    | 12.0 | 12.2 | 12.9 | 13.3 | 12.8 | 11.8 | 11.1 | 10.9 | 11.4 | 11.9 | 12.2 | 12.4 | 12.4 | 12.5 | 12.7 | 12.8 | 12.8 | 13.0 | 12.9 | 13.0 | 12.6 | 12.4 | 12.2 | 12.3 |                      |
| по Q              |    | 12.1                    | 12.2 | 12.7 | 13.5 | 13.8 | 13.2 | 11.7 | 10.6 | 10.2 | 10.7 | 11.3 | 11.6 | 11.8 | 11.8 | 11.9 | 11.9 | 12.1 | 12.2 | 12.4 | 12.4 | 12.4 | 12.3 | 12.0 | 11.8 | 12.0 |                      |
| по D              |    | 11.9                    | 11.6 | 11.4 | 12.1 | 12.3 | 12.1 | 12.4 | 13.2 | 13.4 | 13.4 | 13.7 | 13.8 | 14.8 | 14.4 | 14.2 | 15.2 | 14.5 | 14.0 | 13.6 | 14.1 | 14.2 | 12.5 | 12.3 | 12.3 | 13.2 |                      |
| дням              |    |                         |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |

Долгота  $69^{\circ}37'$

ДНЯМ

Вертикальная составляющая  $Z = 45300 + \text{табличное значение в гаммах}$   
 Широта  $41^{\circ} 20'$  Долгота  $69^{\circ} 37'$

ДНЯМ



Склонение  $D = 4^{\circ} 30'$  + табличное значение в минутах  
 Широта  $41^{\circ} 20'$  Долгота  $69^{\circ} 37'$

| Дата              | Время<br>миро-<br>вое | I    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 18   | 19   | 20   | 21   | 22   | 23   | 24   | Средне<br>суточные |
|-------------------|-----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--------------------|
| I                 | 1                     | 11.6 | 11.4 | 11.8 | 12.2 | 12.7 | 12.9 | 12.6 | 12.5 | 11.8 | 11.3 | 11.3 | 11.2 | 11.8 | 12.2 | 12.3 | 12.7 | 13.1 | 13.8 | 13.8 | 13.0 | 13.0 | 12.4 | 12.2 | 11.8 | 12.3               |
|                   | 2                     | 11.5 | 11.4 | 11.0 | 10.8 | 11.8 | 12.6 | 12.8 | 12.2 | 11.4 | 11.0 | 11.0 | 11.8 | 11.8 | 11.7 | 11.9 | 13.4 | 12.5 | 12.6 | 12.6 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 12.1               |
|                   | 3                     | 12.2 | 12.2 | 12.1 | 12.6 | 13.0 | 13.4 | 13.0 | 12.5 | 11.8 | 11.9 | 12.2 | 12.3 | 12.6 | 13.1 | 12.4 | 12.4 | 12.6 | 13.8 | 13.8 | 13.0 | 13.0 | 13.1 | 12.6 | 12.5 | 12.7               |
|                   | 4                     | 12.6 | 12.1 | 12.1 | 12.1 | 12.2 | 11.7 | 10.6 | 10.8 | 11.0 | 11.3 | 11.7 | 12.2 | 12.2 | 12.2 | 12.4 | 12.2 | 12.2 | 12.4 | 12.5 | 12.6 | 12.9 | 12.1 | 12.2 | 12.6 | 12.0               |
|                   | 5                     | 12.2 | 12.1 | 12.2 | 12.1 | 11.9 | 11.4 | 10.8 | 10.6 | 10.6 | 11.5 | 12.5 | 13.0 | 12.4 | 12.5 | 12.6 | 12.2 | 12.2 | 12.4 | 12.6 | 12.6 | 12.6 | 12.2 | 12.2 | 11.9 | 12.1               |
| Q                 | 6                     | 11.9 | 11.9 | 11.8 | 12.1 | 12.9 | 13.0 | 12.6 | 11.8 | 11.4 | 11.5 | 11.4 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 12.0 | 12.2 | 12.2 | 12.2 | 12.4 | 12.2 | 12.4 | 12.0               |
|                   | 7                     | 12.0 | 12.0 | 11.8 | 11.2 | 11.7 | 12.1 | 11.4 | 10.6 | 10.7 | 11.0 | 11.5 | 11.8 | 11.8 | 11.8 | 11.8 | 12.2 | 12.0 | 12.2 | 12.6 | 12.6 | 12.6 | 12.6 | 12.2 | 12.2 | 11.8               |
|                   | 8                     | 11.8 | 11.6 | 11.7 | 11.4 | 12.0 | 12.2 | 11.8 | 11.0 | 10.5 | 10.6 | 11.2 | 11.4 | 11.8 | 12.0 | 12.0 | 11.8 | 12.0 | 12.1 | 11.9 | 11.8 | 11.8 | 11.4 | 11.1 | 10.9 | 11.6               |
|                   | 9                     | 10.6 | 11.2 | 11.4 | 10.6 | 10.6 | 11.4 | 11.4 | 10.6 | 10.6 | 11.0 | 12.1 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 12.2 | 12.2 | 12.7 | 12.6 | 12.6 | 11.5 | 11.9 | 11.6               |
| Q                 | 10                    | 11.8 | 12.0 | 11.8 | 11.6 | 12.2 | 11.8 | 11.3 | 10.6 | 10.6 | 11.0 | 11.6 | 11.8 | 11.8 | 11.8 | 13.0 | 12.1 | 11.9 | 12.2 | 12.6 | 12.6 | 12.7 | 12.6 | 12.6 | 12.4 | 11.9               |
| Q                 | 11                    | 12.2 | 12.2 | 12.4 | 12.4 | 13.0 | 13.0 | 11.8 | 11.3 | 10.6 | 10.6 | 11.0 | 11.3 | 11.4 | 11.8 | 11.7 | 11.8 | 12.2 | 12.6 | 13.4 | 13.4 | 13.2 | 14.1 | 13.0 | 12.6 | 12.2               |
|                   | 12                    | 12.2 | 11.8 | 11.8 | 11.4 | 11.8 | 11.6 | 11.4 | 11.0 | 10.4 | 11.0 | 11.8 | 12.2 | 12.2 | 12.2 | 12.2 | 12.3 | 13.6 | 13.8 | 13.3 | 14.1 | 13.6 | 13.8 | 12.6 | 14.2 | 12.3               |
|                   | 13                    | 13.2 | 12.6 | 11.6 | 11.7 | 12.2 | 11.4 | 11.0 | 10.8 | 11.4 | 12.2 | 12.0 | 12.7 | 12.6 | 12.3 | 12.6 | 13.4 | 13.8 | 13.0 | 13.4 | 13.4 | 14.2 | 14.4 | 12.6 | 13.0 | 12.6               |
|                   | 14                    | 12.2 | 11.9 | 11.9 | 11.8 | 12.6 | 12.6 | 11.9 | 11.6 | 11.4 | 11.8 | 11.8 | 11.8 | 12.2 | 12.2 | 12.2 | 12.2 | 12.3 | 12.6 | 12.6 | 12.6 | 12.5 | 12.2 | 12.0 | 12.1 | 12.1               |
|                   | 15                    | 11.8 | 11.6 | 11.8 | 11.6 | 12.0 | 12.5 | 12.0 | 11.0 | 10.6 | 10.6 | 10.9 | 11.4 | 11.8 | 11.9 | 12.1 | 11.8 | 12.2 | 12.6 | 12.6 | 12.6 | 12.5 | 12.4 | 12.2 | 11.9 | 11.7               |
| D                 | 16                    | 11.8 | 11.4 | 11.4 | 11.2 | 11.8 | 11.8 | 11.3 | 11.0 | 11.3 | 11.4 | 11.4 | 11.8 | 12.0 | 11.8 | 12.2 | 12.1 | 12.2 | 12.6 | 12.6 | 12.2 | 14.2 | 14.4 | 14.8 | 14.8 | 12.2               |
|                   | 17                    | 14.1 | 9.3  | 9.8  | 11.0 | 13.2 | 11.4 | 11.8 | 12.9 | 13.4 | 14.0 | 13.8 | 13.7 | 13.1 | 12.6 | 10.6 | 10.6 | 14.6 | 17.9 | 21.8 | 22.4 | 14.2 | 23.9 | 14.4 | 18.6 | 14.9               |
|                   | 18                    | 15.3 | 14.9 | 14.2 | 13.0 | 13.1 | 13.0 | 12.6 | 12.2 | 13.0 | 13.0 | 14.1 | 15.1 | 14.8 | 14.0 | 15.0 | 13.5 | 13.5 | 13.5 | 13.4 | 13.2 | 13.2 | 13.3 | 13.2 | 13.0 | 13.6               |
|                   | 19                    | 12.9 | 13.0 | 12.8 | 13.4 | 14.4 | 14.6 | 14.6 | 14.6 | 14.8 | 14.8 | 14.4 | 13.8 | 14.6 | 14.1 | 13.7 | 13.0 | 13.0 | 15.0 | 14.2 | 13.4 | 13.0 | 12.8 | 12.6 | 12.2 | 13.7               |
|                   | 20                    | 12.6 | 12.6 | 12.6 | 13.4 | 14.8 | 14.6 | 13.1 | 12.1 | 11.8 | 11.6 | 12.0 | 12.6 | 12.8 | 12.6 | 12.6 | 12.6 | 12.6 | 12.6 | 12.7 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 12.7               |
| D                 | 21                    | 12.2 | 12.4 | 12.2 | 12.6 | 13.4 | 13.0 | 12.4 | 11.4 | 11.4 | 11.8 | 12.2 | 12.2 | 12.4 | 12.4 | 13.0 | 13.0 | 13.0 | 12.6 | 12.6 | 13.1 | 15.0 | 15.4 | 12.0 | 12.2 | 12.7               |
|                   | 22                    | 12.4 | 11.8 | 11.5 | 11.4 | 12.1 | 12.5 | 12.6 | 11.6 | 11.7 | 12.6 | 13.8 | 13.4 | 14.7 | 15.1 | 13.3 | 12.7 | 14.2 | 12.7 | 12.6 | 13.0 | 13.0 | 12.9 | 11.8 | 12.1 | 12.7               |
|                   | 23                    | 12.3 | 11.8 | 11.4 | 11.9 | 12.9 | 13.3 | 12.2 | 12.6 | 12.6 | 12.7 | 12.6 | 12.6 | 14.2 | 14.6 | 13.2 | 12.6 | 14.2 | 14.5 | 13.3 | 12.2 | 13.0 | 12.7 | 12.6 | 12.6 | 12.9               |
|                   | 24                    | 12.6 | 12.5 | 11.8 | 11.6 | 12.6 | 13.2 | 13.0 | 12.6 | 11.6 | 11.7 | 12.6 | 12.7 | 13.0 | 13.5 | 12.6 | 12.1 | 12.1 | 12.2 | 12.6 | 12.6 | 11.8 | 12.4 | 12.4 | 12.1 | 12.4               |
|                   | 25                    | 11.8 | 11.8 | 11.9 | 12.1 | 12.4 | 12.5 | 12.3 | 12.2 | 11.8 | 11.2 | 11.4 | 11.7 | 12.2 | 12.2 | 13.1 | 13.2 | 13.0 | 12.9 | 12.6 | 12.6 | 12.4 | 12.1 | 11.8 | 11.2 | 12.2               |
| D                 | 26                    | 10.7 | 11.8 | 11.0 | 12.4 | 13.4 | 14.6 | 14.1 | 12.6 | 11.8 | 11.4 | 11.4 | 12.2 | 12.4 | 12.2 | 12.4 | 12.6 | 13.4 | 13.8 | 14.4 | 14.6 | 13.2 | 13.2 | 11.7 | 11.3 | 12.6               |
|                   | 27                    | 12.1 | 11.4 | 11.4 | 12.2 | 13.0 | 13.6 | 13.7 | 12.6 | 11.9 | 11.8 | 12.2 | 12.6 | 12.6 | 12.7 | 12.9 | 12.6 | 12.6 | 12.6 | 12.4 | 12.2 | 12.2 | 12.2 | 12.1 | 12.0 | 12.4               |
|                   | 28                    | 12.0 | 11.9 | 12.1 | 12.0 | 12.4 | 12.6 | 11.8 | 10.6 | 10.8 | 10.7 | 10.8 | 11.4 | 11.8 | 12.0 | 12.2 | 12.4 | 12.6 | 12.6 | 12.2 | 12.5 | 12.6 | 13.2 | 13.0 | 12.2 | 12.0               |
|                   | 29                    | 12.2 | 11.8 | 11.8 | 12.2 | 13.4 | 13.4 | 12.6 | 12.4 | 11.8 | 12.6 | 13.0 | 13.8 | 13.8 | 16.2 | 15.2 | 13.8 | 13.2 | 12.6 | 12.6 | 12.2 | 12.0 | 11.9 | 12.1 | 11.6 | 12.8               |
|                   | 30                    | 11.9 | 14.0 | 12.6 | 12.6 | 13.0 | 11.9 | 11.8 | 11.5 | 11.6 | 12.2 | 12.2 | 13.0 | 13.4 | 12.9 | 13.0 | 13.2 | 14.6 | 13.0 | 12.8 | 12.6 | 12.2 | 13.0 | 13.0 | 12.5 | 12.7               |
|                   | 31                    | 12.0 | 11.5 | 11.4 | 11.8 | 13.0 | 12.8 | 12.0 | 11.4 | 11.0 | 11.4 | 11.8 | 12.1 | 12.2 | 12.3 | 12.2 | 12.6 | 12.4 | 12.2 | 12.4 | 13.0 | 13.0 | 13.0 | 12.2 | 12.1 | 12.2               |
| Средне по<br>всем |                       | 12.2 | 12.0 | 11.8 | 11.9 | 12.6 | 12.7 | 12.2 | 11.7 | 11.5 | 11.7 | 12.1 | 12.4 | 12.6 | 12.7 | 12.6 | 12.5 | 12.8 | 13.0 | 13.2 | 13.1 | 13.2 | 13.2 | 12.7 | 12.5 | 12.5               |
| по Q              |                       | 11.9 | 11.9 | 11.8 | 11.6 | 12.3 | 12.3 | 11.8 | 11.1 | 10.9 | 11.2 | 11.5 | 11.7 | 11.9 | 11.9 | 12.2 | 12.0 | 12.0 | 12.2 | 12.4 | 12.4 | 12.4 | 12.2 | 12.0 | 12.0 | 11.9               |
| по D              |                       | 13.2 | 12.4 | 12.0 | 12.0 | 13.0 | 12.4 | 12.3 | 12.1 | 12.3 | 12.9 | 13.4 | 13.8 | 14.0 | 14.2 | 13.4 | 12.8 | 14.0 | 13.9 | 14.6 | 14.7 | 14.9 | 14.7 | 14.3 | 13.6 | 13.4               |
| дням              |                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                    |

Горизонтальная составляющая  $H = 25\,700 + \text{табличное значение в гаммах}$   
 Широта  $41^{\circ} 20'$  Долгота  $69^{\circ} 37'$

| Дни               |    | Время<br>миро-<br>вое |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | Средне<br>суточные |
|-------------------|----|-----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------------------|
|                   |    |                       | I   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24  |                    |
|                   | 1  |                       | 169 | 167 | 170 | 173 | 176 | 178 | 176 | 172 | 166 | 161 | 159 | 157 | 158 | 157 | 160 | 158 | 157 | 161 | 161 | 167 | 169 | 169 | 173 | 173 | 166                |
|                   | 2  |                       | 178 | 181 | 185 | 195 | 200 | 193 | 184 | 176 | 172 | 172 | 173 | 173 | 173 | 170 | 164 | 163 | 155 | 163 | 167 | 167 | 168 | 173 | 170 | 164 | 174                |
|                   | 3  |                       | 168 | 169 | 174 | 173 | 166 | 164 | 167 | 157 | 140 | 143 | 143 | 160 | 160 | 160 | 166 | 166 | 165 | 179 | 169 | 170 | 169 | 164 | 165 | 167 | 164                |
|                   | 4  |                       | 166 | 169 | 173 | 178 | 170 | 172 | 176 | 174 | 173 | 173 | 164 | 166 | 169 | 167 | 172 | 173 | 173 | 179 | 179 | 180 | 175 | 177 | 175 | 175 | 173                |
|                   | 5  |                       | 172 | 173 | 177 | 181 | 185 | 181 | 175 | 173 | 177 | 173 | 171 | 164 | 163 | 164 | 169 | 170 | 172 | 173 | 173 | 173 | 172 | 175 | 173 | 171 | 173                |
| Q                 | 6  |                       | 169 | 169 | 175 | 179 | 176 | 173 | 171 | 172 | 175 | 176 | 177 | 176 | 178 | 178 | 176 | 174 | 175 | 176 | 176 | 177 | 178 | 175 | 173 | 172 | 175                |
|                   | 7  |                       | 172 | 175 | 179 | 185 | 185 | 187 | 181 | 178 | 177 | 175 | 176 | 178 | 176 | 176 | 175 | 173 | 173 | 170 | 172 | 171 | 173 | 173 | 175 | 175 | 176                |
|                   | 8  |                       | 173 | 178 | 179 | 181 | 184 | 181 | 181 | 183 | 189 | 193 | 193 | 187 | 185 | 176 | 175 | 175 | 179 | 179 | 181 | 183 | 185 | 188 | 192 | 195 | 183                |
|                   | 9  |                       | 197 | 189 | 185 | 200 | 213 | 211 | 199 | 199 | 197 | 197 | 181 | 176 | 181 | 182 | 181 | 180 | 181 | 179 | 169 | 171 | 168 | 175 | 173 | 175 | 186                |
|                   | 10 |                       | 175 | 175 | 175 | 178 | 175 | 172 | 171 | 177 | 179 | 179 | 176 | 175 | 175 | 173 | 175 | 173 | 176 | 173 | 172 | 169 | 169 | 170 | 173 | 173 | 174                |
| Q                 | 11 |                       | 174 | 175 | 176 | 179 | 179 | 174 | 166 | 166 | 170 | 174 | 178 | 187 | 188 | 187 | 183 | 173 | 161 | 158 | 167 | 163 | 165 | 169 | 163 | 164 | 172                |
|                   | 12 |                       | 164 | 172 | 175 | 178 | 177 | 175 | 173 | 173 | 178 | 177 | 174 | 176 | 178 | 175 | 174 | 167 | 164 | 149 | 161 | 161 | 160 | 161 | 180 | 171 | 171                |
|                   | 13 |                       | 169 | 167 | 171 | 172 | 171 | 169 | 167 | 167 | 155 | 143 | 148 | 143 | 145 | 151 | 141 | 135 | 137 | 153 | 160 | 169 | 162 | 155 | 175 | 164 | 158                |
|                   | 14 |                       | 164 | 165 | 166 | 173 | 173 | 173 | 171 | 170 | 173 | 172 | 167 | 161 | 157 | 157 | 163 | 167 | 169 | 169 | 171 | 172 | 172 | 173 | 173 | 173 | 168                |
|                   | 15 |                       | 170 | 169 | 172 | 175 | 176 | 173 | 169 | 171 | 172 | 170 | 173 | 175 | 174 | 170 | 165 | 162 | 167 | 167 | 169 | 173 | 173 | 175 | 175 | 175 | 171                |
| D                 | 16 |                       | 173 | 175 | 179 | 181 | 185 | 185 | 181 | 180 | 177 | 173 | 173 | 175 | 175 | 173 | 173 | 175 | 173 | 170 | 173 | 188 | 171 | 163 | 170 | 161 | 175                |
|                   | 17 |                       | 157 | 191 | 173 | 171 | 152 | 164 | 162 | 161 | 142 | 131 | 139 | 139 | 148 | 155 | 187 | 172 | 97  | 67  | 2   | 41  | 44  | 44  | 44  | 49  | 122                |
|                   | 18 |                       | 61  | 75  | 83  | 95  | 101 | 113 | 119 | 131 | 126 | 127 | 125 | 105 | 98  | 106 | 109 | 119 | 124 | 125 | 127 | 130 | 133 | 133 | 131 | 131 | 114                |
|                   | 19 |                       | 134 | 139 | 144 | 149 | 151 | 149 | 137 | 131 | 127 | 109 | 101 | 93  | 107 | 122 | 133 | 135 | 132 | 133 | 125 | 133 | 139 | 137 | 139 | 139 | 131                |
|                   | 20 |                       | 139 | 143 | 146 | 148 | 147 | 145 | 143 | 147 | 152 | 151 | 149 | 145 | 146 | 147 | 149 | 148 | 149 | 151 | 150 | 151 | 149 | 158 | 151 | 149 | 148                |
| D                 | 21 |                       | 150 | 154 | 156 | 160 | 161 | 158 | 155 | 159 | 162 | 160 | 156 | 156 | 158 | 158 | 145 | 151 | 148 | 154 | 158 | 159 | 169 | 146 | 151 | 152 | 156                |
|                   | 22 |                       | 150 | 155 | 159 | 164 | 167 | 163 | 152 | 155 | 155 | 146 | 139 | 142 | 142 | 136 | 161 | 149 | 143 | 151 | 160 | 157 | 152 | 154 | 155 | 160 | 153                |
|                   | 23 |                       | 158 | 157 | 161 | 161 | 155 | 152 | 152 | 154 | 155 | 157 | 159 | 155 | 151 | 151 | 154 | 152 | 151 | 161 | 162 | 166 | 158 | 155 | 157 | 159 | 156                |
|                   | 24 |                       | 161 | 163 | 165 | 169 | 175 | 172 | 161 | 157 | 158 | 158 | 157 | 158 | 161 | 163 | 160 | 164 | 166 | 165 | 164 | 163 | 172 | 167 | 161 | 161 | 163                |
|                   | 25 |                       | 163 | 164 | 165 | 171 | 173 | 175 | 169 | 161 | 157 | 157 | 157 | 161 | 163 | 161 | 153 | 155 | 154 | 160 | 161 | 161 | 163 | 166 | 163 | 163 | 162                |
| D                 | 26 |                       | 172 | 166 | 167 | 167 | 165 | 154 | 146 | 143 | 145 | 151 | 158 | 157 | 161 | 162 | 160 | 158 | 155 | 148 | 146 | 143 | 157 | 157 | 152 | 163 | 156                |
|                   | 27 |                       | 161 | 161 | 164 | 167 | 171 | 163 | 154 | 151 | 150 | 151 | 155 | 154 | 154 | 155 | 157 | 160 | 161 | 161 | 163 | 163 | 163 | 164 | 164 | 165 | 160                |
|                   | 28 |                       | 166 | 166 | 163 | 167 | 167 | 166 | 156 | 159 | 161 | 163 | 164 | 167 | 170 | 169 | 169 | 165 | 163 | 169 | 176 | 167 | 163 | 164 | 157 | 157 | 165                |
|                   | 29 |                       | 159 | 163 | 165 | 168 | 168 | 161 | 149 | 141 | 137 | 131 | 124 | 111 | 104 | 104 | 127 | 151 | 153 | 155 | 160 | 162 | 167 | 169 | 164 | 151 | 148                |
|                   | 30 |                       | 163 | 155 | 150 | 156 | 166 | 161 | 152 | 161 | 152 | 148 | 149 | 131 | 142 | 151 | 153 | 148 | 153 | 152 | 154 | 160 | 166 | 161 | 155 | 157 | 154                |
|                   | 31 |                       | 155 | 158 | 163 | 167 | 167 | 165 | 161 | 161 | 167 | 166 | 165 | 167 | 167 | 166 | 165 | 165 | 167 | 167 | 173 | 172 | 165 | 164 | 163 | 166 | 165                |
| Средне по<br>всем |    |                       | 161 | 164 | 166 | 170 | 170 | 168 | 164 | 163 | 162 | 160 | 159 | 157 | 158 | 159 | 161 | 161 | 158 | 159 | 158 | 161 | 161 | 160 | 161 | 160 | 162                |
| по Q              |    |                       | 171 | 172 | 175 | 179 | 179 | 177 | 175 | 176 | 179 | 179 | 178 | 175 | 174 | 172 | 173 | 172 | 174 | 173 | 174 | 174 | 175 | 176 | 177 | 178 | 175                |
| по D              |    |                       | 138 | 148 | 146 | 151 | 151 | 152 | 147 | 150 | 142 | 137 | 135 | 126 | 127 | 130 | 147 | 148 | 134 | 130 | 121 | 130 | 132 | 132 | 130 | 130 | 138                |
| ДНЯМ              |    |                       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                    |

Вертикальная составляющая  $Z = 45300 +$  табличное значение в гаммах  
 Широта  $41^{\circ} 20'$  Долгота  $69^{\circ} 37'$

| Время             |              |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | Средне   |
|-------------------|--------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----------|
| Дни               | миро-<br>вое | I  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | суточные |
| I                 | 1            | 57 | 57 | 59 | 60 | 61 | 57 | 58 | 57 | 57 | 57 | 59 | 61 | 61 | 60 | 61 | 61 | 61 | 61 | 61 | 61 | 59 | 59 | 59 | 57 | 59       |
|                   | 2            | 57 | 57 | 55 | 57 | 57 | 55 | 56 | 51 | 53 | 56 | 59 | 59 | 59 | 57 | 57 | 59 | 59 | 61 | 60 | 59 | 59 | 58 | 55 | 55 | 57       |
|                   | 3            | 57 | 57 | 57 | 55 | 53 | 54 | 51 | 49 | 51 | 59 | 62 | 65 | 61 | 61 | 61 | 59 | 59 | 62 | 56 | 58 | 57 | 57 | 57 | 57 | 57       |
|                   | 4            | 57 | 58 | 56 | 55 | 53 | 53 | 51 | 55 | 59 | 59 | 59 | 60 | 59 | 57 | 59 | 58 | 58 | 59 | 57 | 57 | 55 | 57 | 55 | 55 | 57       |
|                   | 5            | 54 | 54 | 54 | 53 | 50 | 45 | 46 | 50 | 54 | 56 | 59 | 59 | 59 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 59 | 59 | 56       |
| Q                 | 6            | 58 | 58 | 59 | 61 | 59 | 56 | 53 | 52 | 55 | 55 | 58 | 60 | 60 | 60 | 59 | 59 | 60 | 60 | 60 | 60 | 60 | 59 | 59 | 59 | 58       |
|                   | 7            | 59 | 59 | 57 | 58 | 60 | 56 | 53 | 55 | 59 | 59 | 61 | 61 | 59 | 59 | 59 | 60 | 59 | 61 | 61 | 60 | 60 | 60 | 60 | 59 | 59       |
|                   | 8            | 58 | 58 | 56 | 56 | 58 | 57 | 55 | 57 | 59 | 57 | 55 | 56 | 57 | 57 | 58 | 58 | 59 | 59 | 58 | 57 | 57 | 56 | 56 | 55 | 57       |
|                   | 9            | 55 | 53 | 53 | 56 | 60 | 56 | 54 | 55 | 55 | 55 | 54 | 54 | 57 | 57 | 57 | 57 | 58 | 58 | 58 | 58 | 57 | 58 | 57 | 57 | 56       |
|                   | 10           | 58 | 57 | 57 | 58 | 58 | 56 | 55 | 60 | 60 | 57 | 56 | 57 | 59 | 60 | 60 | 58 | 59 | 58 | 59 | 58 | 58 | 58 | 59 | 58 | 58       |
| Q                 | 11           | 59 | 59 | 58 | 59 | 61 | 55 | 54 | 57 | 57 | 57 | 60 | 62 | 60 | 59 | 58 | 58 | 61 | 63 | 65 | 63 | 63 | 63 | 59 | 59 | 60       |
|                   | 12           | 59 | 59 | 56 | 54 | 52 | 48 | 51 | 52 | 55 | 56 | 57 | 59 | 59 | 58 | 57 | 56 | 57 | 57 | 59 | 57 | 57 | 55 | 57 | 51 | 56       |
|                   | 13           | 50 | 51 | 51 | 52 | 49 | 44 | 51 | 58 | 56 | 57 | 61 | 61 | 61 | 61 | 60 | 62 | 65 | 66 | 65 | 61 | 59 | 59 | 60 | 58 | 57       |
|                   | 14           | 57 | 57 | 57 | 57 | 56 | 53 | 54 | 57 | 58 | 56 | 57 | 57 | 57 | 61 | 61 | 61 | 61 | 61 | 60 | 59 | 59 | 59 | 58 | 58 | 58       |
|                   | 15           | 57 | 57 | 56 | 57 | 57 | 52 | 51 | 52 | 54 | 56 | 56 | 58 | 58 | 58 | 58 | 59 | 60 | 60 | 60 | 59 | 58 | 58 | 58 | 57 | 57       |
| P                 | 16           | 56 | 57 | 56 | 56 | 59 | 56 | 56 | 59 | 60 | 59 | 58 | 59 | 58 | 58 | 58 | 58 | 58 | 58 | 59 | 59 | 55 | 58 | 58 | 54 | 58       |
|                   | 17           | 54 | 59 | 52 | 56 | 56 | 60 | 60 | 62 | 59 | 63 | 64 | 64 | 64 | 62 | 64 | 58 | 56 | 62 | 65 | 64 | 66 | 70 | 69 | 70 | 62       |
|                   | 18           | 72 | 72 | 71 | 69 | 68 | 64 | 64 | 64 | 64 | 65 | 68 | 65 | 68 | 69 | 70 | 71 | 69 | 68 | 68 | 68 | 68 | 68 | 67 | 68 | 68       |
|                   | 19           | 68 | 69 | 68 | 70 | 71 | 66 | 64 | 64 | 66 | 67 | 68 | 70 | 74 | 74 | 72 | 70 | 68 | 68 | 67 | 69 | 68 | 67 | 67 | 66 | 68       |
|                   | 20           | 67 | 67 | 66 | 68 | 67 | 60 | 58 | 62 | 64 | 64 | 64 | 65 | 66 | 65 | 65 | 65 | 65 | 66 | 65 | 64 | 64 | 64 | 62 | 63 | 64       |
| D                 | 21           | 64 | 64 | 64 | 66 | 65 | 57 | 57 | 58 | 60 | 60 | 62 | 64 | 64 | 64 | 62 | 64 | 64 | 66 | 65 | 64 | 65 | 59 | 61 | 60 | 62       |
|                   | 22           | 62 | 64 | 64 | 65 | 67 | 62 | 55 | 55 | 57 | 56 | 58 | 60 | 61 | 59 | 63 | 57 | 59 | 60 | 57 | 57 | 56 | 56 | 57 | 57 | 59       |
|                   | 23           | 57 | 57 | 58 | 56 | 56 | 54 | 54 | 55 | 59 | 57 | 56 | 59 | 62 | 62 | 62 | 62 | 64 | 63 | 61 | 62 | 60 | 61 | 62 | 63 | 59       |
|                   | 24           | 63 | 63 | 62 | 65 | 69 | 66 | 63 | 63 | 63 | 65 | 66 | 65 | 63 | 63 | 61 | 61 | 61 | 61 | 60 | 59 | 60 | 57 | 58 | 59 | 62       |
|                   | 25           | 59 | 60 | 59 | 62 | 63 | 63 | 61 | 60 | 62 | 60 | 60 | 63 | 62 | 59 | 60 | 61 | 61 | 62 | 61 | 61 | 61 | 60 | 60 | 60 | 61       |
| P                 | 26           | 61 | 58 | 59 | 61 | 63 | 60 | 57 | 52 | 54 | 60 | 60 | 62 | 63 | 62 | 62 | 61 | 62 | 62 | 63 | 62 | 63 | 61 | 60 | 62 | 60       |
|                   | 27           | 61 | 61 | 61 | 64 | 64 | 60 | 57 | 58 | 59 | 63 | 65 | 65 | 65 | 65 | 64 | 64 | 63 | 63 | 62 | 62 | 61 | 61 | 61 | 62 | 62       |
|                   | 28           | 61 | 61 | 60 | 61 | 62 | 58 | 56 | 57 | 63 | 64 | 63 | 65 | 63 | 63 | 62 | 62 | 62 | 63 | 61 | 59 | 60 | 61 | 59 | 61 | 61       |
|                   | 29           | 62 | 63 | 63 | 65 | 67 | 65 | 61 | 61 | 62 | 63 | 65 | 67 | 69 | 71 | 73 | 70 | 65 | 64 | 63 | 61 | 59 | 57 | 55 | 53 | 64       |
|                   | 30           | 60 | 58 | 57 | 60 | 62 | 54 | 56 | 60 | 58 | 62 | 62 | 60 | 66 | 64 | 64 | 62 | 64 | 62 | 62 | 62 | 61 | 58 | 58 | 58 | 60       |
|                   | 31           | 58 | 59 | 60 | 60 | 60 | 56 | 58 | 58 | 58 | 57 | 58 | 60 | 60 | 60 | 58 | 60 | 60 | 60 | 60 | 58 | 57 | 58 | 57 | 56 | 59       |
| Средне по<br>всем |              | 59 | 59 | 59 | 60 | 60 | 57 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 61 | 61 | 61 | 61 | 62 | 61 | 61 | 60 | 60 | 59 | 59 | 60       |
| по Q              |              | 58 | 58 | 57 | 58 | 58 | 56 | 54 | 56 | 58 | 57 | 57 | 58 | 58 | 59 | 59 | 59 | 60 | 60 | 60 | 59 | 59 | 58 | 58 | 58 | 58       |
| по D              |              | 62 | 63 | 61 | 63 | 64 | 61 | 59 | 60 | 60 | 62 | 63 | 63 | 66 | 65 | 67 | 64 | 63 | 63 | 63 | 62 | 62 | 62 | 61 | 61 | 63       |
| ДНЯМ              |              |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |          |