

Международный год спокойного солнца

Ведомство Академия Наук СССР
Обсерватория Латроны (Иркутск)

Т А Б Л И Ц А
для обработки магнитных вариометров

Обсерватория _____
Широта _____
Долгота _____
Вариометр Д - Боброва
Элемент Склонение
Год 1970
Месяц январь

Среднемесчн. $D = -2^{\circ}17.0'$

Международный год спокойного солнца

Ведомство Академия Наук СССР
Обсерватория Татроны (Цукутск)

Т А Б Л И Ц А
для обработки магнитных вариометров

Обсерватория Татроны
Широта _____
Долгота _____
Вариометр Н-Боброва
Элемент горизонтальная сosit.
Год 1970
Месяц январь.

Среднемесчн. $H = 19566^x$

Международный год спокойного солнца

Ведомство Академия Наук СССР
Обсерватория Татроны (Иркутск)

Т А Б Л И Ц А
для обработки магнитных вариометров

Обсерватория Татроны
Широта _____
Долгота _____
Вариометр Z-Боброва
Элемент Вертикальная осей.
Год 1970
Месяц январь.

Среднемесчн. $Z = 57116^{\gamma}$

Ведомство Академия Наук СССР

Широта

Долгота

Элемент Вертикальная составляющая

Обсерватория Батромс (Цикутек)

Месяц январь Год 1970

Z = 57100^г

$\delta Z = 3.00\% \text{ от } Z = 57103^g$

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

Обработал Михаленкова

Проверил Мам... Р

Международный год спокойного солнца

Ведомство Академия Наук СССР
Обсерватория Татроны (Ужгород)

Т А Б Л И Ц А
для обработки магнитных вариометров

Обсерватория Татроны
Широта _____
Долгота _____
Вариометр D-Боброва
Элемент Склонение
Год 1970
Месяц февраль

Среднемесч. $D = -2^{\circ}16.8'$

Международный год спокойного солнца

Ведомство Академия Наук СССР
Обсерватория Татроны (Иркутск)

Т А Б Л И Ц А
для обработки магнитных вариометров

Обсерватория Татроны
Широта _____
Долгота _____
Вариометр Н-Боброва
Элемент горизонтальная сист.
Год 1970
Месяц февраль

Среднемесчн. $H = 19567^{\gamma}$

Ведомство Академия Наук СССР

Широта

Долгота

Элемент Гаризонтальная составляющая

Обсерватория Гатером (Иркутск)

Месяц Февраль Год 1940

$H = 19450^{\circ}$

$\epsilon H = 276^{\circ}/\text{ми} H = 19453^{\circ}$

| Время ми- ровое дни | | | | | | | | | | | | | | | | | | | | | | | Средн. суточн. | | |
|-----------------------------|------------------|------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------------------|-----|-----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 19 | 20 | 21 | 22 | 23 | | | |
| 1 | 113 | 110 | 113 | 113 | 108 | 111 | 124 | 127 | 128 | 126 | 127 | 125 | 125 | 124 | 125 | 127 | 128 | 130 | 130 | 130 | 133 | 127 | 126 | 130 | 123 |
| 2 | 123 | 124 | 117 | 112 | 102 | 110 | 120 | 124 | 126 | 118 | 102 | 88 | 91 | 108 | 113 | 112 | 114 | 120 | 115 | 108 | 93 | 109 | 116 | 131 | 112 |
| 3 | 132 | 123 | 116 | 113 | 112 | 113 | 119 | 122 | 120 | 118 | 113 | 108 | 108 | 113 | 112 | 114 | 115 | 116 | 116 | 117 | 118 | 116 | 118 | 120 | 116 |
| 4 | 118 | 116 | 108 | 106 | 112 | 113 | 119 | 127 | 122 | 107 | 112 | 113 | 104 | 104 | 101 | 110 | 109 | 123 | 118 | 105 | 99 | 104 | 108 | 116 | 111 |
| 5 | 113 | 112 | 107 | 106 | 103 | 107 | 112 | 115 | 116 | 116 | 117 | 116 | 118 | 109 | 109 | 114 | 116 | 118 | 120 | 118 | 118 | 118 | 120 | 122 | 114 |
| 6 | 118 | 118 | 116 | 118 | 116 | 122 | 125 | 124 | 116 | 114 | 116 | 118 | 118 | 118 | 118 | 120 | 120 | 122 | 123 | 120 | 116 | 118 | 118 | 120 | 119 |
| 7 | 120 | 120 | 114 | 111 | 108 | 114 | 124 | 130 | 127 | 124 | 120 | 118 | 118 | 119 | 119 | 119 | 121 | 122 | 122 | 122 | 122 | 121 | 120 | 119 | 120 |
| 8 | 118 | 118 | 118 | 119 | 120 | 120 | 122 | 130 | 130 | 127 | 127 | 130 | 128 | 127 | 127 | 124 | 123 | 122 | 123 | 124 | 126 | 125 | 126 | 126 | 124 |
| 9 | 122 | 116 | 114 | 111 | 112 | 118 | 125 | 134 | 133 | 126 | 126 | 127 | 130 | 130 | 128 | 126 | 124 | 123 | 124 | 128 | 130 | 132 | 133 | 135 | 125 |
| 10 | 135 | 130 | 123 | 122 | 120 | 117 | 126 | 128 | 130 | 130 | 128 | 129 | 127 | 127 | 128 | 131 | 108 | 107 | 109 | 115 | 119 | 120 | 120 | 121 | 123 |
| 11 | 118 | 112 | 104 | 99 | 99 | 108 | 120 | 130 | 130 | 118 | 118 | 122 | 122 | 123 | 124 | 122 | 119 | 123 | 122 | 122 | 121 | 123 | 122 | 120 | 118 |
| 12 | 114 | 105 | 99 | 94 | 98 | 105 | 117 | 126 | 132 | 132 | 127 | 130 | 130 | 129 | 131 | 133 | 135 | 136 | 130 | 131 | 133 | 133 | 130 | 130 | 123 |
| 13 | 122 | 118 | 113 | 113 | 108 | 111 | 127 | 137 | 144 | 136 | 130 | 130 | 128 | 127 | 125 | 134 | 136 | 136 | 132 | 132 | 133 | 134 | 134 | 134 | 128 |
| 14 | 130 | 122 | 111 | 94 | 92 | 92 | 102 | 106 | 110 | 108 | 102 | 94 | 105 | 102 | 98 | 100 | 110 | 113 | 116 | 116 | 118 | 120 | 122 | 124 | 109 |
| 15 | 123 | 114 | 102 | 98 | 97 | 94 | 92 | 95 | 104 | 108 | 100 | 113 | 122 | 116 | 120 | 126 | 122 | 120 | 120 | 133 | 126 | 127 | 127 | 122 | 113 |
| 16 | □ | 118 | 110 | 106 | 104 | 104 | 108 | 113 | 114 | 120 | 124 | 120 | 120 | 116 | 112 | 116 | 122 | 126 | 125 | 126 | 127 | 128 | 127 | 129 | 118 |
| 17 | 124 | 118 | 110 | 107 | 108 | 112 | 123 | 130 | 134 | 130 | 115 | 116 | 124 | 128 | 126 | 121 | 130 | 120 | 112 | 110 | 103 | 115 | 108 | 113 | 118 |
| 18 | 114 | 108 | 97 | 92 | 86 | 91 | 103 | 111 | 118 | 118 | 119 | 118 | 116 | 119 | 130 | 113 | 114 | 116 | 126 | 119 | 116 | 116 | 116 | 117 | 112 |
| 19 | 111 | 104 | 98 | 93 | 96 | 105 | 115 | 120 | 122 | 120 | 116 | 113 | 117 | 121 | 122 | 122 | 123 | 123 | 122 | 124 | 122 | 120 | 121 | 122 | 116 |
| 20 | 118 | 112 | 104 | 100 | 105 | 114 | 124 | 131 | 134 | 128 | 124 | 123 | 124 | 121 | 120 | 122 | 125 | 126 | 126 | 126 | 123 | 122 | 122 | 123 | 121 |
| 21 | 120 | 109 | 100 | 97 | 102 | 111 | 119 | 130 | 134 | 130 | 124 | 124 | 124 | 125 | 125 | 125 | 126 | 126 | 126 | 124 | 126 | 128 | 126 | 122 | 121 |
| 22 | 113 | 102 | 94 | 92 | 98 | 108 | 118 | 124 | 130 | 130 | 127 | 126 | 124 | 125 | 126 | 126 | 127 | 127 | 129 | 130 | 124 | 124 | 126 | 124 | 120 |
| 23 | 118 | 116 | 114 | 116 | 120 | 118 | 123 | 132 | 137 | 136 | 133 | 132 | 131 | 132 | 134 | 134 | 133 | 134 | 133 | 133 | 144 | 144 | 142 | 140 | 130 |
| 24 | 136 ^x | 129 ^x | 119 | 114 | 113 | 120 | 126 | 132 | 132 | 134 | 136 | 134 | 133 | 136 | 138 | 120 | 124 | 112 | 110 | 120 | 122 | 121 | 122 | 123 | 125 |
| 25 | 126 | 122 | 116 | 112 | 108 | 117 | 124 | 136 | 139 | 132 | 124 | 122 | 122 | 122 | 123 | 122 | 123 | 125 | 128 | 130 | 130 | 129 | 130 | 131 | 125 |
| 26 | 126 | 115 | 106 | 98 | 93 | 95 | 97 | 104 | 108 | 104 | 96 | 89 | 90 | 54 | 76 | 86 | 102 | 105 | 102 | 102 | 105 | 107 | 107 | 108 | 99 |
| 27 | 102 | 93 | 84 | 78 | 78 | 83 | 99 | 102 | 106 | 105 | 97 | 91 | 97 | 100 | 99 | 105 | 107 | 103 | 110 | 120 | 118 | 125 | 112 | 113 | 101 |
| 28 | 94 | 83 | 80 | 76 | 79 | 80 | 90 | 98 | 98 | 111 | 104 | 94 | 91 | 80 | 99 | 102 | 108 | 117 | 111 | 113 | 108 | 112 | 111 | 111 | 98 |
| 29 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Среднее по всему дням | 119 | 114 | 107 | 104 | 103 | 108 | 116 | 122 | 124 | 122 | 118 | 117 | 117 | 116 | 118 | 119 | 120 | 121 | 121 | 121 | 120 | 122 | 122 | 123 | 117 |

Обработал Михаленкова

Проверил Якушевская

Международный год спокойного солнца

Ведомство Академия Наук СССР
Обсерватория Татромы (Циркутск)

Т А Б Л И Ц А
для обработки магнитных вариометров

Обсерватория Татромы
Широта _____
Долгота _____
Вариометр Z-Боброва
Элемент Вертикальная ось
Год 1970
Месяц Февраль

Среднемесчн. $Z = 57115^8$

Бедомство Академия Наук СССР

Широта

Долгота

Элемент

Обсерватория Ватролевы (Цукунск)

Месяц февраль Год 1970

Z = 57050

$Ez = 3.00^{\circ}/\text{мм}$ Z = 57103; 57054

| Время ми- ровое дни | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 19 | 20 | 21 | 22 | 23 | Средн. суточн. | | | | |
|---------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------------------|----|----|----|----|
| 1 | 61 | 62 | 62 | 62 | 62 | 64 | 62 | 62 | 60 | 62 | 62 | 61 | 62 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 60 | 60 | 55 | 61 | | | |
| 2 | 54 | 58 | 60 | 61 | 62 | 65 | 62 | 62 | 60 | 61 | 61 | 64 | 68 | 66 | 67 | 67 | 66 | 62 | 62 | 57 | 59 | 62 | 61 | 57 | 62 | | |
| 3 | 57 | 57 | 61 | 62 | 65 | 65 | 62 | 59 | 56 | 60 | 62 | 63 | 64 | 64 | 64 | 64 | 64 | 63 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | | |
| 4 | 63 | 68 | 67 | 65 | 64 | 62 | 62 | 62 | 62 | 63 | 64 | 63 | 65 | 67 | 67 | 67 | 64 | 63 | 57 | 59 | 61 | 63 | 63 | 63 | 64 | | |
| 5 | 62 | 62 | 62 | 61 | 61 | 63 | 60 | 60 | □ | □ | □ | □ | □ | □ | □ | □ | □ | □ | □ | □ | □ | □ | □ | □ | 61 | | |
| 6 | □ | □ | 58 | 62 | 64 | 64 | 64 | 62 | 61 | 62 | 62 | 63 | 62 | 62 | 63 | 62 | 64 | 63 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | | |
| 7 | 62 | 64 | 62 | 62 | 62 | 62 | 60 | 55 | 56 | 59 | 61 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 61 | 62 | 61 | | |
| 8 | 62 | 60 | 58 | 60 | 61 | 59 | 54 | 55 | 56 | 60 | 61 | 61 | 61 | 61 | 61 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 61 | 61 | 60 | | |
| 9 | 62 | 66 | 67 | 66 | 67 | 65 | 64 | 66 | 64 | 62 | 61 | 61 | 61 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 61 | 62 | 61 | 63 | | |
| 10 | 62 | 62 | 63 | 66 | 68 | 66 | 62 | 60 | 60 | 58 | 60 | 60 | 60 | 62 | 60 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | | |
| 11 | 66 | 68 | 68 | 68 | 68 | 67 | 66 | 66 | 62 | 61 | 60 | 60 | 61 | 62 | 62 | 61 | 62 | 61 | 61 | 62 | 61 | 61 | 62 | 62 | 63 | | |
| 12 | 64 | 66 | 64 | 66 | 68 | 68 | 66 | 64 | 64 | 62 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 62 | | |
| 13 | 63 | 66 | 66 | 64 | 58 | 56 | 56 | 60 | 58 | 56 | 58 | 58 | 59 | 60 | 62 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | | |
| 14 | 64 | 65 | 64 | 62 | 66 | 67 | 65 | 62 | 60 | 60 | 62 | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 62 | 62 | 62 | 61 | 61 | 62 | 63 | |
| 15 | 66 | 70 | 68 | 66 | 65 | 63 | 60 | 60 | 62 | 62 | 64 | 64 | 64 | 64 | 64 | 62 | 62 | 62 | 62 | 61 | 60 | 60 | 58 | 60 | 63 | | |
| 16 | 60 | 55 | 54 | 50 | 50 | 51 | 52 | 50 | 55 | 58 | 60 | 61 | 61 | 61 | 62 | 62 | 62 | 60 | 60 | 62 | 60 | 60 | 60 | 60 | 58 | | |
| 17 | 62 | 66 | 66 | 62 | 62 | 58 | 55 | 49 | 54 | 55 | 56 | 60 | 61 | 61 | 61 | 60 | 62 | 60 | 60 | 56 | 60 | 59 | 60 | 62 | 59 | | |
| 18 | 64 | 67 | 66 | 64 | 62 | 62 | 64 | 64 | 63 | 61 | 61 | 62 | 62 | 62 | 62 | 60 | 62 | 62 | 62 | 60 | 60 | 61 | 61 | 61 | 62 | 62 | |
| 19 | 64 | 66 | 62 | 58 | 54 | 53 | 54 | 56 | 59 | 58 | 60 | 60 | 61 | 61 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 59 | | |
| 20 | 62 | 64 | 62 | 58 | 56 | 55 | 56 | 56 | 56 | 55 | 55 | 57 | 58 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 59 | | |
| 21 | 62 | 64 | 61 | 58 | 59 | 60 | 60 | 60 | 58 | 57 | 58 | 58 | 58 | 58 | 60 | 60 | 60 | 60 | 60 | 60 | 59 | 58 | 58 | 58 | 59 | | |
| 22 | 62 | 62 | 60 | 56 | 60 | 60 | 58 | 56 | 56 | 55 | 56 | 58 | 58 | 58 | 58 | 59 | 59 | 59 | 58 | 58 | 58 | 58 | 58 | 60 | 58 | | |
| 23 | 62 | 62 | 59 | 54 | 51 | 50 | 52 | 54 | 55 | 55 | 55 | 56 | 56 | 56 | 56 | 56 | 56 | 56 | 56 | 56 | 56 | 56 | 56 | 56 | 56 | | |
| 24 | 58 | 59 | 56 | 52 | 50 | 50 | 48 | 48 | 48 | 53 | 55 | 54 | 55 | 56 | 55 | 56 | 55 | 56 | 55 | 56 | 59 | 60 | 60 | 60 | 58 | 58 | 55 |
| 25 | 57 | 57 | 56 | 48 | 44 | 46 | 48 | 50 | 50 | 55 | 55 | 56 | 56 | 56 | 58 | 58 | 59 | 58 | 58 | 57 | 57 | 56 | 58 | 58 | 55 | | |
| 26 | 61 | 66 | 63 | 55 | 52 | 52 | 50 | 54 | 60 | 62 | 64 | 65 | 70 | 74 | 76 | 72 | 68 | 66 | 64 | 64 | 64 | 64 | 64 | 64 | 63 | | |
| 27 | 68 | 70 | 67 | 61 | 60 | 60 | 58 | 58 | 60 | 62 | 64 | 64 | 65 | 65 | 65 | 64 | 64 | 62 | 62 | 62 | 60 | 60 | 55 | 58 | 62 | | |
| 28 | 61 | 66 | 66 | 60 | 55 | 56 | 59 | 61 | 61 | 61 | 64 | 66 | 68 | 72 | 71 | 68 | 68 | 66 | 62 | 60 | 61 | 62 | 62 | 63 | 63 | | |
| 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Среднее по всем дням | 62 | 64 | 62 | 60 | 60 | 60 | 59 | 58 | 58 | 59 | 60 | 61 | 62 | 62 | 62 | 62 | 62 | 61 | 61 | 60 | 60 | 61 | 60 | 60 | 61 | | |

Обработал Михаленкова

Проверил Брунко

Международный год спокойного солнца

Ведомство Академия Наук СССР
Обсерватория Татроны (Иркутск)

Т А Б Л И Ц А
для обработки магнитных вариометров

Обсерватория Татроны
Широта _____
Долгота _____
Вариометр Д-Боброва
Элемент Склонение
Год 1970
Месяц март

Среднемесчн. $D = -2^{\circ}16.8'$

Обсерватория Татроны (Иркутск)

Месяц март Год 1970

$D = -2^{\circ}00'00'' + \delta D = 0.408/\sin D = -2^{\circ}26.5'$

| Время мировое Дни | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 19 | 20 | 21 | 22 | 23 | Средн. суточн. | | |
|-------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------------|------|------|
| 1 | 16.5 | 14.5 | 12.8 | 14.9 | 17.7 | 21.0 | 21.9 | 25.2 | 22.9 | 22.9 | 21.2 | 20.1 | 19.0 | 18.2 | 11.3 | 11.9 | 15.6 | 16.1 | 16.1 | 15.7 | 15.7 | 16.3 | 16.5 | 15.5 | 17.5 |
| 2 | 15.5 | 15.1 | 17.7 | 17.5 | 19.8 | 23.8 | 22.7 | 21.0 | 21.0 | 18.2 | 17.5 | 14.6 | 16.4 | 16.9 | 16.5 | 15.7 | 16.4 | 17.1 | 16.1 | 16.1 | 16.0 | 16.1 | 15.9 | 16.8 | 17.5 |
| 3 | 16.6 | 14.9 | 14.5 | 15.4 | 17.4 | 19.8 | 21.6 | 21.3 | 20.5 | 18.0 | 17.8 | 17.4 | 17.4 | 17.1 | 15.0 | 16.0 | 15.0 | 17.4 | 17.7 | 16.0 | 14.9 | 16.8 | 17.2 | 15.7 | 17.1 |
| 4 | 14.4 | 12.6 | 14.0 | 14.6 | 17.2 | 20.2 | 21.3 | 20.0 | 18.6 | 16.2 | 16.7 | 12.6 | 11.8 | 14.1 | 12.9 | 13.4 | 16.2 | 12.8 | 11.2 | 12.4 | 13.3 | 14.4 | 14.3 | 16.5 | 15.1 |
| 5 | 15.1 | 13.2 | 13.0 | 13.9 | 16.5 | 18.8 | 21.0 | 22.2 | 22.4 | 19.9 | 18.6 | 18.5 | 18.1 | 18.0 | 17.8 | 17.0 | 15.3 | 14.5 | 15.7 | 10.8 | 15.2 | 13.4 | 13.7 | 13.3 | 16.5 |
| 6 | 13.7 | 13.2 | 13.3 | 14.3 | 15.2 | 17.7 | 20.2 | 20.6 | 20.8 | 18.4 | 12.3 | 15.6 | 16.8 | 16.6 | 15.8 | 14.6 | 13.1 | 14.4 | 13.7 | 14.9 | 14.6 | 16.2 | 22.3 | 22.4 | 16.3 |
| 7 | 19.8 | 17.9 | 15.3 | 19.1 | 18.8 | 18.7 | 20.4 | 21.8 | 20.4 | 18.2 | 18.7 | 15.6 | 16.9 | 17.1 | 15.8 | 11.2 | 12.4 | 13.6 | 10.7 | 8.6 | 13.2 | 14.9 | 15.0 | 18.5 | 16.4 |
| 8 | 18.3 | 14.8 | 14.5 | 16.6 | 19.3 | 20.2 | 21.6 | 21.7 | 18.1 | 19.8 | 17.6 | 14.3 | 16.0 | 14.3 | 3.8 | 10.1 | 11.3 | 15.8 | 6.8 | 19.0 | 12.0 | 3.3 | 13.4 | 14.5 | 14.9 |
| 9 | 15.6 | 15.1 | 16.9 | 21.4 | 21.8 | 21.4 | 21.8 | 21.8 | 21.4 | 19.3 | 17.3 | 15.0 | 13.4 | 9.4 | 14.8 | 14.0 | 15.7 | 18.1 | 16.2 | 17.0 | 17.7 | 18.3 | 18.5 | 19.8 | 17.6 |
| 10 | 18.2 | 13.7 | 12.2 | 13.1 | 15.7 | 18.8 | 20.9 | 21.9 | 21.0 | 19.3 | 17.3 | 16.2 | 17.4 | 17.6 | 17.4 | 17.2 | 16.8 | 16.8 | 16.7 | 16.9 | 18.6 | 17.3 | 17.3 | 17.3 | 17.3 |
| 11 | 15.9 | 13.0 | 11.3 | 11.4 | 13.5 | 17.0 | 20.3 | 22.2 | 22.2 | 20.4 | 18.5 | 17.6 | 17.4 | 17.1 | 16.7 | 17.2 | 17.2 | 17.0 | 17.3 | 17.6 | 17.8 | 18.1 | 18.1 | 17.7 | 17.2 |
| 12 | 16.0 | 13.9 | 11.7 | 11.7 | 14.0 | 17.4 | 20.9 | 22.6 | 22.6 | 20.0 | 17.1 | 18.0 | 17.1 | 17.4 | 17.2 | 16.9 | 16.9 | 16.6 | 16.5 | 16.7 | 17.0 | 16.9 | 17.0 | 17.0 | 17.0 |
| 13 | 16.3 | 13.8 | 12.2 | 12.8 | 14.5 | 17.1 | 19.0 | 20.2 | 20.4 | 19.3 | 16.1 | 17.2 | 17.0 | 15.5 | 15.1 | 15.2 | 15.7 | 17.0 | 17.3 | 17.5 | 17.7 | 16.9 | 16.9 | 16.5 | 16.6 |
| 14 | 15.3 | 13.7 | 12.4 | 12.7 | 14.2 | 17.4 | 19.7 | 21.0 | 20.8 | 19.8 | 18.7 | 18.1 | 17.7 | 17.7 | 17.3 | 16.9 | 16.8 | 16.5 | 16.5 | 16.5 | 17.0 | 17.1 | 17.0 | 16.9 | 17.0 |
| 15 | 14.8 | 12.4 | 11.5 | 11.4 | 14.1 | 17.9 | 20.5 | 21.6 | 21.0 | 19.3 | 17.4 | 17.0 | 17.2 | 16.9 | 15.4 | 14.7 | 15.8 | 17.1 | 17.1 | 17.5 | 17.4 | 17.3 | 17.3 | 17.0 | 16.7 |
| 16 | 15.0 | 12.8 | 12.4 | 13.2 | 15.3 | 18.0 | 20.3 | 21.4 | 20.9 | 19.3 | 18.1 | 17.6 | 16.8 | 17.0 | 16.2 | 16.5 | 16.7 | 16.6 | 16.6 | 16.6 | 16.7 | 16.7 | 16.7 | 15.6 | 16.8 |
| 17 | 13.4 | 11.6 | 11.5 | 12.8 | 15.2 | 17.8 | 20.9 | 22.0 | 21.4 | 19.8 | 17.9 | 17.8 | 17.3 | 17.1 | 16.5 | 16.4 | 15.9 | 16.1 | 16.1 | 16.2 | 16.5 | 17.2 | 17.7 | 17.3 | 16.8 |
| 18 | 14.8 | 12.1 | 10.5 | 11.1 | 13.7 | 17.0 | 20.6 | 22.2 | 21.1 | 19.1 | 17.7 | 17.5 | 17.2 | 17.0 | 16.1 | 15.7 | 15.5 | 15.8 | 16.2 | 16.5 | 17.6 | 18.8 | 20.6 | 18.5 | 16.8 |
| 19 | 15.0 | 12.0 | 10.4 | 11.0 | 13.8 | 17.4 | 20.4 | 21.8 | 21.2 | 19.8 | 18.0 | 17.2 | 16.5 | 16.1 | 16.6 | 16.7 | 16.7 | 16.6 | 16.8 | 16.9 | 17.1 | 18.6 | 17.0 | 15.7 | 16.6 |
| 20 | 13.4 | 12.0 | 11.0 | 11.8 | 14.3 | 17.9 | 21.5 | 22.7 | 21.6 | 19.2 | 17.4 | 16.9 | 16.9 | 17.3 | 16.4 | 16.4 | 16.4 | 16.5 | 16.3 | 17.3 | 17.1 | 17.2 | 18.1 | 17.1 | 16.8 |
| 21 | 15.2 | 13.1 | 11.2 | 11.9 | 14.9 | 18.3 | 21.4 | 23.0 | 22.3 | 19.7 | 17.6 | 17.1 | 16.9 | 16.7 | 16.4 | 15.1 | 14.5 | 15.4 | 15.8 | 16.3 | 16.6 | 17.0 | 17.2 | 16.2 | 16.7 |
| 22 | 13.5 | 11.3 | 10.2 | 11.0 | 13.7 | 16.9 | 19.9 | 21.4 | 20.6 | 18.8 | 17.2 | 16.3 | 16.7 | 16.6 | 16.6 | 16.6 | 16.5 | 16.7 | 16.6 | 16.5 | 16.8 | 17.0 | 16.9 | 16.0 | 16.3 |
| 23 | 13.5 | 11.3 | 10.2 | 10.9 | 13.4 | 17.8 | 21.4 | 23.7 | 22.7 | 20.6 | 18.2 | 17.8 | 17.3 | 17.3 | 16.5 | 16.4 | 16.1 | 16.1 | 16.5 | 16.6 | 16.8 | 16.9 | 16.8 | 15.3 | 16.7 |
| 24 | 12.5 | 10.2 | 9.7 | 11.6 | 15.0 | 18.9 | 21.9 | 23.4 | 22.4 | 20.4 | 18.1 | 17.4 | 17.4 | 17.4 | 17.4 | 17.2 | 16.9 | 16.5 | 16.4 | 16.3 | 16.3 | 16.3 | 16.4 | 15.0 | 16.7 |
| 25 | 12.1 | 10.6 | 10.5 | 12.5 | 15.9 | 20.4 | 23.1 | 23.8 | 22.2 | 19.3 | 17.4 | 16.9 | 16.5 | 16.5 | 16.6 | 16.5 | 16.5 | 16.5 | 16.8 | 16.6 | 16.6 | 16.9 | 16.9 | 16.1 | 16.8 |
| 26 | 14.1 | 12.1 | 10.8 | 11.7 | 15.6 | 20.6 | 24.6 | 26.0 | 24.7 | 21.7 | 18.7 | 17.4 | 17.4 | 17.3 | 16.9 | 15.7 | 15.6 | 16.1 | 16.0 | 16.1 | 16.4 | 16.2 | 16.1 | 15.4 | 17.2 |
| 27 | 13.5 | 11.0 | 9.2 | 10.1 | 13.7 | 18.3 | 21.9 | 23.6 | 23.5 | 20.9 | 19.0 | 22.0 | 20.1 | 18.8 | 17.6 | 16.4 | 16.3 | 16.7 | 16.6 | 15.7 | 15.9 | 18.0 | 20.6 | 16.5 | 17.3 |
| 28 | 13.2 | 11.5 | 10.4 | 12.8 | 16.9 | 20.0 | 23.3 | 24.0 | 22.7 | 20.3 | 17.3 | 10.4 | 16.2 | 15.4 | 14.9 | 14.1 | 13.4 | 15.0 | 16.5 | 19.0 | 17.7 | 16.2 | 18.3 | 19.0 | 16.6 |
| 29 | 15.5 | 11.1 | 11.3 | 12.8 | 17.6 | 20.9 | 23.4 | 23.7 | 22.2 | 21.1 | 18.8 | 17.2 | 13.8 | 14.6 | 13.8 | 12.1 | 14.1 | 13.3 | 15.9 | 14.8 | 15.6 | 15.8 | 14.9 | 14.1 | 16.2 |
| 30 | 16.8 | 12.5 | 11.4 | 12.5 | 15.4 | 19.7 | 23.2 | 25.4 | 22.8 | 20.6 | 19.8 | 19.8 | 18.1 | 16.2 | 15.8 | 16.4 | 13.2 | 15.4 | 16.2 | 15.8 | 17.2 | 18.2 | 16.4 | 15.1 | 17.2 |
| 31 | 13.8 | 12.4 | 13.1 | 13.8 | 16.8 | 18.6 | 24.0 | 26.8 | 28.2 | 26.4 | 25.4 | 19.7 | 21.7 | 20.4 | 13.2 | 12.8 | 15.7 | 14.8 | 15.7 | 16.2 | 18.4 | 17.1 | 17.7 | 20.2 | 18.5 |
| Среднее по всем дням | 15.1 | 12.9 | 12.2 | 13.3 | 15.8 | 18.9 | 21.5 | 22.6 | 21.8 | 19.9 | 18.0 | 17.0 | 17.0 | 16.6 | 15.5 | 15.3 | 15.5 | 16.0 | 15.7 | 16.0 | 16.4 | 16.4 | 17.1 | 16.7 | 16.8 |

Обработал Михаленкова

Проверил Бруцкий

Международный год спокойного солнца

Ведомство Академия Наук СССР
Обсерватория Татроны (Иркутск)

Т А Б Л И Ц А
для обработки магнитных вариометров

Обсерватория Татроны
Широта _____
Долгота _____
Вариометр Н-Боброва
Элемент горизонтальная ось
Год 1970
Месяц март

Среднемесчн. $H = 19548^{\circ}$

Ведомство Академия Наук СССР Широта

Долгота

Элемент Горизонтальная составляющая

Обсерватория Тантромы (Цикутск)

Месяц май Год 1970

$H = 19450^{\circ}$

$\dot{H} = 2.76^{\circ}/\text{сут} \cdot H = 19453^{\circ}$

| Время ми- ровое Дни | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 19 | 20 | 21 | 22 | 23 | Средн. суточн. | | |
|---------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-------------------|-----|-----|
| 1 | 112 | 105 | 90 | 68 | 72 | 82 | 82 | 96 | 78 | 75 | 80 | 83 | 97 | 92 | 46 | 60 | 88 | 94 | 94 | 97 | 98 | 100 | 102 | 102 | 87 |
| 2 | 92 | 86 | 80 | 75 | 67 | 68 | 94 | 108 | 102 | 78 | 80 | 95 | 109 | 112 | 112 | 116 | 113 | 121 | 116 | 116 | 118 | 119 | 116 | 108 | 100 |
| 3 | 112 | 107 | 94 | 87 | 86 | 88 | 97 | 111 | 113 | 116 | 121 | 116 | 119 | 113 | 124 | 116 | 116 | 134 | 99 | 94 | 94 | 104 | 97 | 99 | 99 |
| 4 | 107 | 96 | 83 | 80 | 80 | 91 | 97 | 106 | 116 | 109 | 108 | 118 | 102 | 90 | 101 | 90 | 102 | 113 | 146 | 91 | 98 | 109 | 101 | 102 | 110 |
| 5 | 105 | 100 | 88 | 78 | 75 | 80 | 95 | 110 | 134 | 123 | 123 | 126 | 128 | 128 | 131 | 126 | 126 | 118 | 103 | 102 | 125 | 109 | 99 | 86 | 95 |
| 6 | 88 | 86 | 89 | 84 | 80 | 86 | 94 | 94 | 93 | 87 | 78 | 95 | 98 | 104 | 101 | 99 | 104 | 102 | 82 | 86 | 110 | 106 | 110 | 94 | 83 |
| 7 | 88 | 83 | 55 | 57 | 54 | 66 | 75 | 76 | 74 | 80 | 64 | 72 | 80 | 90 | 111 | 87 | 84 | 104 | 2 | 50 | -140 | -93 | -86 | -88 | 35 |
| 8 | 100 | 90 | 70 | 55 | 46 | 42 | 45 | 46 | 58 | 41 | 33 | 47 | 66 | 106 | 158 | 84 | 52 | 46 | 37 | 46 | 47 | 49 | 54 | 50 | 5 |
| 9 | -79 | -75 | -86 | -80 | -34 | -20 | -12 | -12 | 3 | 10 | 7 | 15 | 13 | 36 | 34 | 42 | 32 | 54 | 82 | 78 | 86 | 78 | 80 | 85 | 65 |
| 10 | 60 | 56 | 40 | 24 | 22 | 27 | 43 | 57 | 65 | 69 | 69 | 76 | 76 | 76 | 76 | 76 | 82 | 84 | 90 | 93 | 97 | 94 | 94 | 95 | 81 |
| 11 | 86 | 80 | 68 | 56 | 51 | 52 | 58 | 72 | 85 | 88 | 85 | 86 | 86 | 86 | 86 | 86 | 88 | 88 | 102 | 104 | 107 | 108 | 108 | 108 | 87 |
| 12 | 95 | 86 | 72 | 53 | 51 | 54 | 69 | 73 | 80 | 82 | 72 | 73 | 84 | 95 | 100 | 99 | 102 | 102 | 104 | 108 | 108 | 104 | 106 | 106 | 95 |
| 13 | 107 | 99 | 86 | 76 | 72 | 76 | 76 | 82 | 101 | 104 | 87 | 98 | 105 | 94 | 90 | 86 | 96 | 104 | 110 | 110 | 111 | 112 | 113 | 115 | 101 |
| 14 | 104 | 96 | 82 | 70 | 68 | 73 | 82 | 96 | 103 | 107 | 105 | 108 | 109 | 110 | 109 | 110 | 112 | 111 | 112 | 116 | 113 | 110 | 113 | 113 | 101 |
| 15 | 113 | 102 | 90 | 78 | 68 | 66 | 73 | 90 | 99 | 105 | 97 | 105 | 113 | 111 | 111 | 111 | 108 | 112 | 121 | 121 | 122 | 122 | 125 | 124 | 108 |
| 16 + | 108 | 95 | 83 | 76 | 75 | 82 | 94 | 104 | 112 | 111 | 107 | 110 | 113 | 113 | 119 | 116 | 119 | 121 | 131 | 126 | 121 | 124 | 124 | 124 | 116 |
| 17 | 117 | 107 | 95 | 89 | 84 | 87 | 98 | 116 | 127 | 130 | 126 | 124 | 124 | 118 | 118 | 124 | 120 | 127 | 118 | 116 | 118 | 119 | 124 | 126 | 107 |
| 18 | 116 | 108 | 94 | 80 | 72 | 72 | 83 | 99 | 116 | 119 | 108 | 97 | 98 | 106 | 113 | 118 | 124 | 117 | 124 | 124 | 120 | 126 | 116 | 119 | 110 |
| 19 | 120 | 108 | 90 | 72 | 68 | 76 | 88 | 102 | 116 | 126 | 123 | 116 | 116 | 118 | 119 | 121 | 121 | 122 | 119 | 130 | 122 | 120 | 124 | 125 | 110 |
| 20 | 118 | 110 | 94 | 80 | 75 | 77 | 86 | 102 | 114 | 120 | 120 | 116 | 113 | 114 | 116 | 116 | 118 | 122 | 117 | 120 | 120 | 124 | 127 | 129 | 114 |
| 21 + | 119 | 111 | 96 | 84 | 82 | 84 | 95 | 113 | 126 | 126 | 124 | 122 | 120 | 119 | 119 | 116 | 116 | 116 | 126 | 130 | 130 | 131 | 134 | 134 | 118 |
| 22 + | 124 | 116 | 100 | 89 | 83 | 86 | 98 | 111 | 120 | 130 | 126 | 122 | 122 | 123 | 122 | 121 | 123 | 126 | 127 | 122 | 122 | 122 | 126 | 126 | 115 |
| 23 | 130 | 118 | 101 | 86 | 76 | 78 | 93 | 110 | 112 | 113 | 120 | 126 | 124 | 120 | 122 | 125 | 123 | 128 | 132 | 136 | 138 | 136 | 132 | 133 | 120 |
| 24 + | 116 | 104 | 89 | 76 | 75 | 83 | 98 | 115 | 128 | 134 | 131 | 127 | 126 | 130 | 134 | 134 | 132 | 132 | 133 | 134 | 134 | 134 | 136 | 136 | 122 |
| 25 + | 124 | 110 | 93 | 80 | 80 | 89 | 105 | 122 | 134 | 136 | 130 | 126 | 126 | 129 | 128 | 130 | 133 | 134 | 130 | 129 | 128 | 128 | 131 | 130 | 121 |
| 26 | 131 | 118 | 99 | 86 | 76 | 83 | 100 | 120 | 128 | 133 | 132 | 129 | 130 | 132 | 134 | 134 | 136 | 131 | 144 | 136 | 125 | 120 | 132 | 124 | 130 |
| 27 | 126 | 117 | 102 | 86 | 85 | 94 | 111 | 166 | 188 | 162 | 144 | 148 | 149 | 140 | 138 | 126 | 126 | 134 | 104 | 112 | 114 | 115 | 112 | 113 | 95 |
| 28 | 114 | 102 | 79 | 61 | 70 | 76 | 93 | 105 | 113 | 99 | 86 | 93 | 77 | 79 | 72 | 90 | 102 | 102 | 100 | 120 | 108 | 104 | 104 | 97 | 94 |
| 29 | 102 | 96 | 62 | 47 | 50 | 76 | 90 | 90 | 104 | 106 | 102 | 98 | 90 | 99 | 108 | 106 | 98 | 100 | 106 | 104 | 106 | 110 | 112 | 113 | 98 |
| 31 | 102 | 102 | 91 | 78 | 65 | 70 | 80 | 103 | 100 | 118 | 107 | 87 | 75 | 90 | 108 | 113 | 110 | 105 | 98 | 90 | 95 | 99 | 98 | 94 | 91 |
| 31 | 106 | 93 | 82 | 72 | 67 | 106 | 116 | 100 | 54 | 109 | 72 | 60 | 98 | 105 | 66 | 106 | 100 | 106 | 108 | 108 | 103 | 105 | 106 | 104 | 98 |
| Среднее по всем дням | 102 | 94 | 79 | 68 | 66 | 73 | 84 | 96 | 103 | 105 | 99 | 100 | 103 | 106 | 107 | 106 | 107 | 110 | 108 | 108 | 103 | 105 | 106 | 104 | 98 |

Обработал Михаленкова

Проверил Брунко

Международный год спокойного солнца

Ведомство Академия Наук СССР
Обсерватория Татроми (Цикутск)

Т А Б Л И Ц А
для обработки магнитных вариометров

Обсерватория Татроми
Широта _____
Долгота _____
Вариометр Z-Боброва
Элемент Вертикальная составл.
Год 1970
Месяц март.

Среднемесчн. $Z = 57115^x$

Ведомство Академия Наук СССР
 Обсерватория Татропы (Цукутск)

Широта Долгота

Элемент Вертикальная составляющая

Месяц май Год 1970

Z = 57050'

εZ = 3.00% Z = 57054'

| Время мин-ровое Лин | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 19 | 20 | 21 | 22 | 23 | Средн. суточн. | | |
|------------------------|----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----------------|----|----|
| 1 | 61 | 62 | 57 | 50 | 56 | 57 | 58 | 60 | 62 | 70 | 72 | 72 | 72 | 74 | 72 | 74 | 72 | 71 | 68 | 67 | 66 | 66 | 65 | 64 | 65 |
| 2 | 62 | 64 | 61 | 56 | 55 | 58 | 62 | 66 | 67 | 70 | 72 | 73 | 68 | 67 | 66 | 64 | 64 | 64 | 61 | 62 | 62 | 62 | 62 | 61 | 64 |
| 3 | 62 | 60 | 58 | 58 | 58 | 56 | 56 | 56 | 60 | 64 | 62 | 61 | 62 | 62 | 62 | 62 | 62 | 60 | 54 | 55 | 54 | 54 | 56 | 60 | 59 |
| 4 | 64 | 66 | 64 | 60 | 58 | 58 | 60 | 64 | 66 | 67 | 67 | 68 | 62 | 65 | 66 | 64 | 62 | 60 | 60 | 60 | 61 | 60 | 58 | 62 | 63 |
| 5 | 62 | 62 | 63 | 56 | 54 | 58 | 62 | 62 | 62 | 62 | 62 | 62 | 60 | 61 | 62 | 62 | 63 | 65 | 54 | 54 | 56 | 55 | 56 | 59 | 60 |
| 6 | 59 | 59 | 57 | 55 | 56 | 56 | 56 | 60 | 65 | 70 | 72 | 68 | 67 | 66 | 66 | 65 | 62 | 58 | 56 | 56 | 50 | 44 | 43 | 49 | 59 |
| 7 | 55 | 56 | 55 | 58 | 61 | 60 | 58 | 60 | 64 | 72 | 76 | 78 | 74 | 73 | 68 | 60 | 62 | 62 | 55 | 54 | 60 | 60 | 60 | 62 | 63 |
| 8 | 62 | 60 | 56 | 54 | 60 | 66 | 73 | 76 | 86 | 89 | 92 | 96 | 88 | 80 | 71 | 68 | 68 | 78 | 42 | 16 | □ | □ | 28 | 74 | 67 |
| 9 | 96 | 100 | 93 | 92 | 96 | 96 | 94 | 88 | 86 | 91 | 94 | 92 | 90 | 89 | 84 | 81 | 72 | 57 | 68 | 74 | 75 | 78 | 78 | 78 | 85 |
| 10 | 82 | 84 | 84 | 84 | 84 | 84 | 80 | 80 | 82 | 84 | 83 | 80 | 76 | 76 | 75 | 74 | 74 | 74 | 72 | 72 | 72 | 72 | 73 | 74 | 78 |
| 11 | 78 | 80 | 80 | 76 | 76 | 73 | 72 | 72 | 73 | 76 | 74 | 74 | 73 | 72 | 73 | 72 | 72 | 72 | 72 | 72 | 70 | 70 | 70 | 71 | 73 |
| 12 | 76 | 79 | 77 | 74 | 71 | 66 | 64 | 66 | 70 | 75 | 80 | 79 | 76 | 74 | 74 | 72 | 72 | 70 | 70 | 70 | 68 | 68 | 68 | 68 | 72 |
| 13 | 69 | 70 | 66 | 62 | 60 | 60 | 62 | 64 | 66 | 70 | 72 | 72 | 69 | 70 | 71 | 72 | 72 | 72 | 70 | 69 | 66 | 66 | 66 | 66 | 68 |
| 14 | 70 | 71 | 70 | 67 | 64 | 60 | 60 | 62 | 63 | 66 | 66 | 67 | 67 | 67 | 68 | 67 | 66 | 66 | 66 | 66 | 66 | 66 | 66 | 68 | 66 |
| 15 | 72 | 72 | 72 | 67 | 64 | 61 | 60 | 62 | 62 | 66 | 68 | 68 | 67 | 67 | 67 | 66 | 66 | 66 | 66 | 66 | 64 | 65 | 65 | 65 | 66 |
| 16 | 70 | 69 | 66 | 64 | 62 | 62 | 60 | 58 | 62 | 65 | 66 | 66 | 66 | 66 | 66 | 65 | 65 | 65 | 64 | 64 | 64 | 64 | 64 | 68 | 65 |
| 17 | 70 | 68 | 66 | 64 | 58 | 60 | 62 | 62 | 64 | 66 | 65 | 62 | 62 | 62 | 66 | 66 | 66 | 66 | 62 | 61 | 62 | 64 | 66 | 68 | 64 |
| 18 | 72 | 72 | 72 | 67 | 59 | 54 | 56 | 60 | 66 | 67 | 67 | 67 | 68 | 68 | 68 | 67 | 64 | 63 | 64 | 64 | 64 | 62 | 64 | 64 | 65 |
| 19 | 68 | 72 | 70 | 66 | 64 | 62 | 62 | 65 | 68 | 68 | 67 | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 62 | 62 | 62 | 62 | 62 | 66 | 65 |
| 20 | 70 | 69 | 68 | 64 | 61 | 61 | 62 | 64 | 66 | 67 | 67 | 64 | 64 | 64 | 64 | 64 | 65 | 64 | 64 | 62 | 60 | 62 | 62 | 66 | 64 |
| 21 | 70 | 72 | 68 | 64 | 60 | 56 | 55 | 55 | 58 | 66 | 65 | 64 | 62 | 62 | 62 | 64 | 62 | 62 | 62 | 62 | 62 | 62 | 63 | 66 | 63 |
| 22 | 68 | 67 | 63 | 58 | 54 | 52 | 51 | 52 | 56 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 61 | 61 | 61 | 60 | 64 | 60 |
| 23 | 67 | 68 | 67 | 62 | 55 | 50 | 46 | 48 | 54 | 60 | 62 | 61 | 62 | 62 | 62 | 62 | 62 | 61 | 62 | 60 | 60 | 60 | 62 | 66 | 60 |
| 24 | 68 | 68 | 66 | 60 | 52 | 49 | 50 | 55 | 56 | 60 | 61 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 59 | 59 | 59 | 59 | 60 | 62 | 59 |
| 25 | 66 | 67 | 67 | 64 | 56 | 50 | 49 | 50 | 56 | 60 | 61 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 62 | 60 |
| 26 | 66 | 66 | 64 | 62 | 51 | 44 | 46 | 50 | 56 | 60 | 62 | 60 | 60 | 60 | 59 | 60 | 59 | 58 | 59 | 60 | 60 | 60 | 60 | 61 | 58 |
| 27 | 66 | 66 | 62 | 55 | 46 | 40 | 40 | 42 | 44 | 50 | 59 | 58 | 59 | 60 | 62 | 62 | 62 | 62 | 60 | 56 | 56 | 58 | 58 | 56 | 56 |
| 28 | 62 | 64 | 66 | 62 | 56 | 50 | 56 | 61 | 67 | 73 | 79 | 76 | 73 | 74 | 74 | 74 | 66 | 66 | 66 | 66 | 61 | 61 | 62 | 62 | 66 |
| 29 | 62 | 61 | 58 | 58 | 55 | 52 | 50 | 52 | 58 | 64 | 68 | 68 | 70 | 70 | 70 | 67 | 66 | 66 | 66 | 62 | 60 | 62 | 64 | 65 | 62 |
| 30 | 66 | 64 | 58 | 52 | 48 | 47 | 52 | 56 | 60 | 64 | 68 | 72 | 76 | 78 | 74 | 71 | 66 | 66 | 66 | 66 | 65 | 64 | 64 | 66 | 64 |
| 31 | 67 | 65 | 63 | 56 | 52 | 50 | 48 | 53 | 62 | 74 | 86 | 90 | 84 | 81 | 80 | 75 | 76 | 76 | 74 | 72 | 70 | 70 | 70 | 68 | 69 |
| Среднее по всем дням | 68 | 68 | 66 | 63 | 60 | 58 | 59 | 61 | 64 | 68 | 70 | 70 | 68 | 68 | 68 | 67 | 66 | 65 | 63 | 62 | 63 | 63 | 62 | 65 | 65 |

Обработал Михалева

Проверил Якушевска

Международный год спокойного солнца

Ведомство Академия Наук СССР
Обсерватория Татроны (Иркутск)

Т А Б Л И Ц А для обработки магнитных вариометров

Обсерватория Татроны
Широта _____
Долгота _____
Вариометр Д - Боброва
Элемент Склонение
Год 1970
Месяц апрель

Среднемесчн. Д - 2° 16.8'

Международный год спокойного солнца

Ведомство Академия Наук СССР
Обсерватория Татроны (Иркутск)

Т А Б Л И Ц А
для обработки магнитных вариометров

Обсерватория Татроны
Широта _____
Долгота _____
Вариометр Н-Боброва
Элемент горизонтальная составл.
Год 1970
Месяц апрель

Среднемесчн. $H = 19555^y$

Международный год спокойного солнца

Ведомство Академия Наук СССР
Обсерватория Татроны (Иркутск)

Т А Б Л И Ц А
для обработки магнитных вариометров

Обсерватория Татроны
Широта _____
Долгота _____
Вариометр Z-Боброва
Элемент Вертикальная сост.
Год 1970
Месяц апрель

Table with 32 columns (1-31 days + 'реднее по дням') and 32 rows (1-31 days). Columns 1-17 represent magnetic field components, columns 19-23 represent another set of components, and column 24 is 'Средн. суточн.'. Each cell contains a numerical value representing magnetic field strength.

Международный год спокойного солнца

Ведомство Академия наук СССР
Обсерватория Татроны (Иркутск)

Т А Б Л И Ц А
для обработки магнитных вариометров

Обсерватория Татроны
Широта _____
Долгота _____
Вариометр Д-Боброва
Элемент Склонение
Год 1970
Месяц май

Среднемесчн. $D = 2^{\circ}16.6'$

Ведомство Академия Наук СССР

Широта

Долгота

Элемент Склонение

Обсерватория Татроны (Иркутск)

Месяц май Год 1970

$\delta = -2^{\circ}00'00''$ $\epsilon\delta = 0.008 \sin \delta = -2^{\circ}26.5'$

| Время мн. ровое дни | | | | | | | | | | | | | | | | | | | | | | | Средн. суточн. | | | |
|---------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------------------|------|------|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 19 | 20 | 21 | 22 | 23 | | | | |
| 1 | 11.3 | 10.2 | 11.1 | 14.7 | 18.8 | 21.7 | 23.5 | 23.6 | 22.4 | 20.8 | 18.7 | 17.3 | 16.4 | 14.7 | 15.0 | 16.6 | 16.6 | 16.3 | 15.8 | 15.9 | 15.4 | 16.0 | 12.2 | 11.1 | 16.5 | |
| 2 | 11.4 | 8.8 | 10.6 | 14.0 | 18.9 | 22.0 | 23.7 | 23.2 | 22.0 | 20.6 | 18.7 | 17.4 | 16.8 | 17.0 | 17.5 | 17.4 | 16.9 | 16.5 | 16.0 | 16.2 | 15.3 | 14.6 | 13.0 | 11.4 | 16.7 | |
| 3 | 9.8 | 9.5 | 11.0 | 15.1 | 19.2 | 22.4 | 24.0 | 23.8 | 21.9 | 19.8 | 17.8 | 15.7 | 15.8 | 16.0 | 17.0 | 17.1 | 16.7 | 14.8 | 14.3 | 14.2 | 14.5 | 14.2 | 14.3 | 11.2 | 16.3 | |
| 4 | 9.1 | 8.6 | 10.6 | 14.3 | 17.6 | 20.0 | 21.5 | 21.8 | 20.6 | 18.7 | 17.0 | 17.1 | 17.4 | 17.0 | 17.0 | 16.8 | 15.5 | 15.0 | 15.4 | 15.8 | 15.3 | 13.8 | 11.6 | 10.1 | 15.7 | |
| 5 | 8.9 | 9.2 | 11.9 | 15.9 | 19.3 | 22.0 | 23.8 | 24.3 | 22.8 | 20.0 | 15.0 | 14.5 | 16.9 | 17.8 | 17.0 | 16.8 | 18.1 | 17.5 | 16.9 | 16.6 | 15.6 | 14.6 | 11.8 | 11.8 | 16.6 | |
| 6 | 10.5 | 10.0 | 12.4 | 17.0 | 21.2 | 24.3 | 24.8 | 22.9 | 20.3 | 17.6 | 15.3 | 15.0 | 15.6 | 16.3 | 17.2 | 17.2 | 17.8 | 17.3 | 17.2 | 16.7 | 16.2 | 14.8 | 13.0 | 11.3 | 16.7 | |
| 7 | 10.8 | 10.8 | 13.8 | 17.8 | 22.6 | 24.4 | 24.1 | 22.4 | 20.5 | 19.1 | 17.6 | 16.6 | 16.5 | 16.8 | 17.2 | 17.4 | 17.1 | 16.6 | 15.7 | 15.6 | 15.0 | 13.5 | 11.6 | 9.8 | 16.8 | |
| 8 | 9.1 | 10.0 | 12.6 | 16.9 | 21.9 | 24.6 | 25.3 | 25.2 | 21.8 | 19.7 | 17.8 | 16.6 | 16.8 | 17.0 | 17.2 | 17.1 | 17.2 | 15.7 | 15.8 | 15.8 | 15.1 | 13.9 | 12.4 | 11.4 | 17.0 | |
| 9 | 10.2 | 10.0 | 11.3 | 14.9 | 18.9 | 22.2 | 24.6 | 24.8 | 22.9 | 20.5 | 17.8 | 16.3 | 16.0 | 16.1 | 16.6 | 16.9 | 16.8 | 16.2 | 16.7 | 16.7 | 16.2 | 14.8 | 12.6 | 11.4 | 16.7 | |
| 10 | 9.8 | 9.0 | 10.4 | 14.7 | 19.7 | 23.1 | 26.2 | 26.4 | 24.3 | 21.2 | 18.0 | 16.3 | 16.1 | 16.7 | 17.1 | 17.1 | 16.9 | 16.7 | 16.3 | 16.1 | 15.9 | 15.1 | 13.0 | 11.0 | 17.0 | |
| 11 | 9.5 | 8.8 | 10.3 | 14.1 | 19.0 | 23.1 | 25.6 | 25.8 | 23.4 | 20.8 | 18.1 | 16.8 | 16.8 | 17.5 | 17.6 | 17.7 | 17.4 | 16.5 | 15.9 | 15.8 | 15.0 | 13.7 | 10.6 | 10.0 | 16.7 | |
| 12 | □ | 9.8 | 13.6 | 15.4 | 22.3 | 25.5 | 26.9 | 27.1 | 25.0 | 21.9 | 17.8 | 16.6 | 16.2 | 17.8 | 17.9 | 17.4 | 16.7 | 16.5 | 14.4 | 14.7 | 15.8 | 15.6 | 12.3 | 9.8 | 17.7 | |
| 13 | 8.2 | 7.8 | 10.1 | 15.4 | 20.3 | 23.2 | 23.5 | 23.2 | 21.8 | 19.4 | 17.6 | 16.5 | 17.0 | 17.6 | 17.7 | 17.3 | 16.9 | 16.5 | 16.3 | 16.3 | 15.5 | 14.5 | 13.1 | 12.4 | 16.6 | |
| 14 | 10.4 | 9.7 | 9.0 | 12.4 | 16.4 | 20.1 | 23.8 | 25.8 | 23.8 | 21.1 | 18.6 | 17.2 | 16.7 | 17.1 | 17.4 | 17.4 | 16.7 | 16.1 | 17.1 | 14.0 | 13.7 | 12.5 | 10.9 | 9.7 | 16.2 | |
| 15 | 10.5 | 13.0 | 11.6 | 13.1 | 16.8 | 21.7 | 24.1 | 25.2 | 24.7 | 22.2 | 17.4 | 17.2 | 17.2 | 17.9 | 18.1 | 17.3 | 17.2 | 16.8 | 16.0 | 15.9 | 15.9 | 14.3 | 12.1 | 11.0 | 17.0 | |
| 16 | 10.5 | 10.2 | 10.6 | 12.7 | 16.0 | 20.2 | 23.1 | 24.1 | 22.4 | 20.2 | 18.6 | 16.9 | 16.7 | 16.8 | 16.9 | 17.1 | 15.6 | 15.8 | 16.0 | 15.5 | 14.6 | 12.2 | 10.6 | 10.2 | 16.0 | |
| 17 | 8.9 | 9.5 | 10.7 | 14.4 | 17.8 | 23.5 | 25.7 | 24.3 | 22.8 | 21.2 | 19.2 | 16.4 | 16.6 | 16.9 | 16.9 | 17.0 | 17.0 | 16.5 | 16.5 | 16.2 | 15.5 | 14.6 | 12.9 | 12.2 | 16.8 | |
| 18 | □ | □ | □ | □ | □ | □ | □ | □ | □ | □ | □ | □ | □ | □ | □ | □ | □ | □ | □ | □ | □ | □ | □ | □ | □ | □ |
| 19 | 9.3 | 10.5 | 12.9 | 17.4 | 20.4 | 22.4 | 23.0 | 23.1 | 21.5 | 19.3 | 17.2 | 16.9 | 17.1 | 17.6 | 18.3 | 18.0 | 17.6 | 17.3 | 16.5 | 16.4 | 15.8 | 14.5 | 11.8 | 11.2 | 16.9 | |
| 20 | 9.7 | 9.8 | 12.8 | 14.8 | 19.3 | 23.6 | 25.1 | 23.4 | 22.2 | 19.2 | 16.0 | 15.5 | 15.7 | 14.9 | 17.1 | 16.3 | 16.5 | 16.3 | 16.4 | 15.8 | 16.2 | 15.0 | 11.5 | 11.5 | 16.4 | |
| 21 | 12.2 | 10.5 | 12.2 | 14.5 | 17.8 | 21.1 | 23.2 | 23.8 | 21.8 | 20.1 | 16.9 | 15.0 | 15.3 | 16.1 | 16.4 | 16.7 | 17.5 | 17.3 | 16.4 | 15.4 | 15.2 | 13.5 | 12.2 | 11.3 | 16.4 | |
| 22 | 10.6 | 10.9 | 11.3 | 15.2 | 18.6 | 22.0 | 23.8 | 24.3 | 22.8 | 20.2 | 17.4 | 15.7 | 15.5 | 16.9 | 16.5 | 17.0 | 16.5 | 15.5 | 15.6 | 14.7 | 13.9 | 12.2 | 10.6 | 9.4 | 16.1 | |
| 23 | 8.4 | 8.0 | 8.1 | 11.1 | 13.8 | 18.2 | 22.1 | 24.6 | 24.0 | 21.0 | 17.4 | 16.5 | 16.9 | 17.3 | 17.5 | 17.2 | 16.8 | 16.6 | 16.6 | 15.4 | 14.8 | 13.4 | 14.7 | 12.2 | 15.9 | |
| 24 | 10.9 | 10.6 | 10.7 | 13.2 | 16.8 | 21.2 | 24.4 | 25.4 | 24.7 | 22.2 | 18.7 | 15.7 | 16.1 | 16.8 | 16.6 | 16.7 | 17.1 | 16.6 | 15.8 | 15.4 | 15.3 | 15.0 | 13.2 | 11.8 | 16.7 | |
| 25 | 10.2 | 10.7 | 11.8 | 13.4 | 17.6 | 22.4 | 25.2 | 24.9 | 24.1 | 22.3 | 18.7 | 16.3 | 16.1 | 16.0 | 16.0 | 17.2 | 17.2 | 16.7 | 16.2 | 15.9 | 15.2 | 14.2 | 13.3 | 12.2 | 16.8 | |
| 26 | 10.6 | 9.6 | 10.0 | 12.5 | 16.6 | 20.8 | 23.6 | 25.0 | 23.8 | 21.8 | 18.9 | 17.0 | 16.6 | 16.7 | 16.9 | 16.3 | 16.3 | 16.1 | 15.7 | 15.2 | 14.4 | 13.4 | 11.8 | 9.6 | 16.2 | |
| 27 | 8.3 | 8.6 | 10.0 | 12.6 | 16.2 | 19.4 | 23.3 | 24.2 | 24.1 | 22.8 | 20.6 | 17.8 | 17.4 | 14.8 | 15.8 | 16.7 | 16.0 | 15.0 | 14.3 | 15.8 | 12.2 | 12.5 | 16.4 | 15.9 | 16.3 | |
| 28 | 11.8 | 14.6 | 16.0 | 14.2 | 17.5 | 21.2 | 24.2 | 25.5 | 24.7 | 23.5 | 22.7 | 20.9 | 14.0 | 10.9 | 12.0 | 15.6 | 17.5 | 15.9 | 16.3 | 16.5 | 16.1 | 14.3 | 13.4 | 11.8 | 17.1 | |
| 29 | 14.0 | 13.0 | 14.7 | 14.7 | 17.5 | 19.6 | 21.2 | 23.3 | 23.5 | 22.2 | 19.1 | 17.6 | 17.0 | 17.5 | 17.2 | 17.4 | 17.4 | 17.1 | 17.5 | 17.5 | 16.0 | 14.7 | 12.4 | 11.5 | 17.2 | |
| 30 | 12.4 | 11.0 | 11.8 | 12.7 | 16.1 | 19.2 | 21.4 | 22.7 | 22.7 | 20.4 | 18.2 | 18.3 | 17.4 | 17.3 | 17.2 | 16.9 | 17.1 | 15.5 | 15.1 | 15.6 | 14.9 | 14.1 | 12.8 | 11.0 | 16.3 | |
| 31 | 10.2 | 9.8 | 10.6 | 12.8 | 17.2 | 20.8 | 23.3 | 23.9 | 22.7 | 21.2 | 19.3 | 17.5 | 14.6 | 15.3 | 16.4 | 17.3 | 17.6 | 16.7 | 16.3 | 15.5 | 14.9 | 13.9 | 11.7 | 10.2 | 16.2 | |
| Среднее по всем дням | 10.3 | 10.1 | 11.5 | 14.4 | 18.4 | 21.9 | 23.9 | 24.3 | 22.9 | 20.7 | 18.1 | 16.7 | 16.4 | 16.5 | 16.8 | 17.0 | 16.9 | 16.3 | 16.0 | 15.8 | 15.2 | 14.1 | 12.5 | 11.2 | 16.6 | |

Обработал Михаилова

Проверил Брунских

Международный год спокойного солнца

Ведомство Академия Наук СССР
Обсерватория Патроны (Цркуток)

Т А Б Л И Ц А
для обработки магнитных вариометров

Обсерватория Патроны
Широта _____
Долгота _____
Вариометр Н - Боброва
Элемент горизонтальная сост.
Год 1970
Месяц май

Среднемесчн. H = 19569^x

Ведомство Академия Наук СССР

Широта

Долгота

Элемент Горизонтальная составляющая

Обсерватория Татроны (Иркутск)

Месяц май Год 1970

$H = 19450^{\circ}$ $E_H = 2.76 \text{ км/ч}$ $H = 19453^{\circ}$

| Время и н. ровое дни | | | | | | | | | | | | | | | | | | Средн. суточн. | | | | | | | | |
|----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----------------|-----|-----|-----|-----|-----|-----|------|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 19 | 20 | 21 | 22 | 23 | | | | |
| 1 | 116 | 111 | 94 | 80 | 82 | 86 | 94 | 107 | 131 | 136 | 132 | 128 | 129 | 118 | 124 | 130 | 130 | 132 | 136 | 134 | 135 | 130 | 121 | 123 | 118. | |
| 2 | 116 | 102 | 89 | 77 | 72 | 93 | 114 | 121 | 126 | 135 | 129 | 130 | 131 | 128 | 132 | 132 | 138 | 133 | 135 | 127 | 124 | 122 | 124 | 121 | 119. | |
| 3 | 115 | 103 | 90 | 83 | 86 | 96 | 116 | 126 | 134 | 140 | 139 | 131 | 120 | 132 | 134 | 131 | 143 | 142 | 134 | 134 | 130 | 130 | 142 | 139 | 124. | |
| 4 | 120 | 106 | 91 | 84 | 92 | 104 | 124 | 138 | 138 | 140 | 128 | 120 | 125 | 133 | 130 | 132 | 132 | 128 | 129 | 129 | 125 | 124 | 126 | 120 | 122. | |
| 5 | 112 | 98 | 93 | 92 | 100 | 118 | 134 | 138 | 142 | 143 | 130 | 104 | 111 | 123 | 123 | 130 | 124 | 124 | 124 | 127 | 126 | 130 | 130 | 119 | 121. | |
| 6 | 100 | 88 | 79 | 79 | 91 | 111 | 127 | 138 | 138 | 133 | 127 | 119 | 119 | 122 | 122 | 124 | 130 | 130 | 136 | 128 | 136 | 140 | 140 | 132 | 120. | |
| 7 | 120 | 110 | 99 | 97 | 106 | 124 | 145 | 152 | 151 | 148 | 140 | 127 | 131 | 133 | 134 | 135 | 138 | 138 | 136 | 137 | 134 | 138 | 138 | 125 | 131. | |
| 8 | 108 | 93 | 80 | 78 | 86 | 104 | 128 | 140 | 142 | 144 | 144 | 138 | 136 | 135 | 136 | 138 | 141 | 138 | 135 | 132 | 131 | 133 | 135 | 126 | 125. | |
| 9 | 112 | 101 | 90 | 84 | 86 | 98 | 116 | 124 | 132 | 138 | 137 | 131 | 132 | 135 | 134 | 133 | 133 | 130 | 132 | 134 | 132 | 135 | 139 | 136 | 123. | |
| 10 | 124 | 111 | 95 | 86 | 87 | 102 | 122 | 138 | 142 | 144 | 144 | 135 | 133 | 132 | 133 | 133 | 133 | 133 | 133 | 134 | 135 | 141 | 142 | 138 | 127. | |
| 11 | 124 | 110 | 100 | 98 | 105 | 120 | 139 | 148 | 145 | 144 | 144 | 140 | 140 | 141 | 141 | 140 | 142 | 144 | 145 | 145 | 146 | 149 | 150 | 145 | 135. | |
| 12 | □ | 104 | 99 | 94 | 95 | 121 | 148 | 169 | 156 | 162 | 157 | 119 | 130 | 127 | 118 | 121 | 116 | 120 | 114 | 109 | 120 | 123 | 124 | 117 | 124. | |
| 13 | 101 | 84 | 75 | 68 | 84 | 100 | 126 | 138 | 141 | 136 | 127 | 123 | 122 | 124 | 128 | 124 | 129 | 128 | 130 | 130 | 126 | 131 | 129 | 124 | 118. | |
| 14 | 120 | 110 | 102 | 89 | 92 | 100 | 114 | 122 | 124 | 134 | 142 | 137 | 136 | 132 | 134 | 140 | 130 | 116 | 118 | 111 | 108 | 117 | 120 | 103 | 119. | |
| 15 | 95 | 93 | 78 | 74 | 73 | 78 | 100 | 119 | 127 | 114 | 113 | 119 | 122 | 119 | 122 | 120 | 121 | 123 | 118 | 119 | 122 | 122 | 126 | 124 | 110. | |
| 16 | 116 | 106 | 94 | 86 | 81 | 78 | 95 | 117 | 122 | 132 | 136 | 134 | 134 | 131 | 130 | 128 | 131 | 127 | 122 | 124 | 122 | 121 | 131 | 128 | 118. | |
| 17 | 118 | 108 | 101 | 102 | 90 | 70 | 101 | 123 | 137 | 137 | 140 | 136 | 118 | 123 | 118 | 132 | 136 | 136 | 136 | 135 | 134 | 140 | 140 | 134 | 123. | |
| 18 | □ | □ | □ | □ | □ | □ | □ | □ | □ | □ | □ | □ | □ | □ | □ | □ | □ | □ | □ | □ | □ | □ | □ | □ | □ | □ |
| 19 | 120 | 108 | 96 | 83 | 92 | 110 | 130 | 135 | 148 | 142 | 132 | 124 | 128 | 132 | 137 | 143 | 146 | 147 | 144 | 144 | 141 | 146 | 152 | 150 | 130. | |
| 20 | 130 | 111 | 97 | 89 | 77 | 82 | 103 | 135 | 139 | 138 | 134 | 131 | 122 | 113 | 118 | 125 | 114 | 117 | 112 | 113 | 122 | 122 | 120 | 114 | 116. | |
| 21 | 106 | 89 | 80 | 80 | 89 | 98 | 112 | 132 | 136 | 138 | 126 | 130 | 128 | 125 | 125 | 120 | 118 | 122 | 122 | 121 | 118 | 125 | 130 | 122 | 116. | |
| 22 | 107 | 89 | 74 | 74 | 93 | 107 | 118 | 130 | 143 | 149 | 146 | 134 | 127 | 129 | 127 | 125 | 128 | 134 | 128 | 120 | 122 | 126 | 132 | 122 | 120. | |
| 23 | 110 | 100 | 90 | 85 | 86 | 104 | 121 | 132 | 140 | 141 | 153 | 140 | 126 | 130 | 132 | 129 | 130 | 134 | 132 | 126 | 123 | 126 | 132 | 134 | 123. | |
| 24 | 126 | 118 | 108 | 96 | 90 | 94 | 112 | 125 | 132 | 140 | 138 | 130 | 130 | 143 | 138 | 130 | 130 | 130 | 127 | 126 | 126 | 127 | 123 | 117 | 123. | |
| 25 | 114 | 98 | 96 | 88 | 88 | 94 | 107 | 116 | 134 | 140 | 144 | 138 | 128 | 124 | 124 | 123 | 122 | 119 | 120 | 119 | 118 | 122 | 127 | 128 | 118. | |
| 26 | 116 | 104 | 92 | 88 | 92 | 102 | 110 | 126 | 142 | 148 | 144 | 136 | 132 | 134 | 138 | 134 | 132 | 132 | 132 | 129 | 130 | 137 | 137 | 134 | 125. | |
| 27 | 123 | 115 | 106 | 103 | 102 | 114 | 128 | 134 | 140 | 150 | 146 | 155 | 140 | 139 | 137 | 146 | 134 | 122 | 120 | 130 | 120 | 116 | 126 | 102 | 127. | |
| 28 | 93 | 76 | 80 | 86 | 89 | 91 | 102 | 122 | 144 | 169 | 127 | 102 | 71 | 69 | 53 | 56 | 61 | 76 | 84 | 87 | 92 | 99 | 98 | 85 | 92. | |
| 29 | 84 | 84 | 81 | 72 | 60 | 65 | 62 | 93 | 80 | 94 | 96 | 102 | 100 | 103 | 110 | 110 | 112 | 108 | 111 | 107 | 110 | 115 | 114 | 106 | 95. | |
| 30 | 96 | 92 | 82 | 67 | 57 | 65 | 85 | 101 | 115 | 108 | 110 | 109 | 116 | 114 | 116 | 124 | 120 | 120 | 115 | 116 | 114 | 118 | 118 | 112 | 104. | |
| 31 | 102 | 92 | 83 | 81 | 80 | 86 | 97 | 106 | 127 | 129 | 130 | 133 | 134 | 122 | 122 | 126 | 125 | 124 | 124 | 123 | 129 | 134 | 134 | 124 | 115. | |
| Среднее по всем дням | 112 | 100 | 90 | 85 | 87 | 97 | 114 | 128 | 135 | 138 | 134 | 128 | 125 | 126 | 126 | 127 | 127 | 127 | 126 | 125 | 125 | 128 | 130 | 123 | 119. | |

Обработал Михаленко

Проверил Брунько

Международный год спокойного солнца

Ведомство Академия Наук СССР
Обсерватория Татроны (Иркутск)

Т А Б Л И Ц А
для обработки магнитных вариометров

Обсерватория Татроны
Широта _____
Долгота _____
Вариометр Z - Боброва
Элемент Вертикальная составл.
Год 1970
Месяц май

Среднемесчн. $Z = 57104^{\circ}$

Ведомство Академия Наук СССР

Широта

Долгота

Элемент Вертикальная составляющая

Обсерватория Татроны (Циркутск)

Месяц май Год 1970

Z = 57050*

EZ = 3.00/мм Z = 57054*

| Время мирового дня | 1 | | | | | | | | | | | | | | | | | 19 | | | | | Средн. суточн. | | | |
|-------------------------|----|----|----|----|----|----|----|----|----|----|----|----|-----|----|----|----|----|----|----|----|----|----|-------------------|----|----|----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 19 | 20 | 21 | 22 | 23 | | | | |
| 1 | 60 | 58 | 55 | 46 | 46 | 46 | 48 | 46 | 49 | 55 | 60 | 61 | 60 | 60 | 62 | 62 | 62 | 61 | 61 | 60 | 56 | 56 | 58 | 58 | 56 | |
| 2 | 60 | 58 | 54 | 46 | 42 | 45 | 48 | 50 | 56 | 60 | 62 | 62 | 60 | 59 | 60 | 60 | 60 | 60 | 58 | 56 | 58 | 60 | 61 | 62 | 57 | |
| 3 | 63 | 59 | 52 | 43 | 40 | 39 | 43 | 50 | 54 | 58 | 61 | 62 | 60 | 60 | 60 | 61 | 61 | 60 | 60 | 60 | 58 | 62 | 62 | 56 | 56 | |
| 4 | 55 | 50 | 43 | 40 | 38 | 37 | 42 | 49 | 52 | 56 | 59 | 58 | 58 | 58 | 58 | 58 | 58 | 58 | 57 | 58 | 58 | 61 | 64 | 62 | 54 | |
| 5 | 57 | 54 | 51 | 46 | 44 | 42 | 40 | 42 | 46 | 56 | 68 | 72 | 66 | 62 | 62 | 60 | 60 | 59 | 58 | 58 | 60 | 62 | 62 | 61 | 56 | |
| 6 | 59 | 56 | 49 | 46 | 44 | 44 | 47 | 54 | 58 | 61 | 64 | 60 | 58 | 58 | 58 | 58 | 58 | 58 | 58 | 58 | 58 | 60 | 60 | 58 | 56 | |
| 7 | 56 | 52 | 46 | 43 | 44 | 38 | 36 | 40 | 49 | 54 | 58 | 59 | 58 | 56 | 56 | 56 | 56 | 56 | 56 | 56 | 56 | 58 | 61 | 59 | 52 | |
| 8 | 54 | 49 | 44 | 38 | 38 | 40 | 44 | 49 | 55 | 58 | 58 | 55 | 54 | 54 | 54 | 54 | 55 | 55 | 55 | 55 | 55 | 58 | 60 | 60 | 52 | |
| 9 | 59 | 53 | 44 | 38 | 42 | 44 | 46 | 52 | 57 | 60 | 62 | 61 | 58 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 57 | 58 | 58 | 54 | |
| 10 | 57 | 56 | 52 | 48 | 43 | 40 | 45 | 52 | 56 | 57 | 60 | 60 | 57 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 56 | 58 | 58 | 54 | |
| 11 | 58 | 54 | 48 | 41 | 39 | 38 | 42 | 48 | 49 | 52 | 56 | 56 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 55 | 56 | 57 | 51 | |
| 12 | □ | 54 | 52 | 44 | 40 | 40 | 43 | 50 | 55 | 61 | 66 | 64 | 62 | 61 | 62 | 62 | 61 | 61 | 58 | 60 | 57 | 55 | 52 | 52 | 55 | |
| 13 | 50 | 48 | 42 | 38 | 42 | 43 | 44 | 46 | 50 | 54 | 60 | 60 | 58 | 56 | 57 | 56 | 57 | 57 | 57 | 57 | 57 | 59 | 58 | 58 | 53 | |
| 14 | 58 | 54 | 46 | 38 | 34 | 34 | 37 | 48 | 55 | 57 | 59 | 58 | 54 | 54 | 54 | 54 | 54 | 55 | 54 | 53 | 54 | 54 | 57 | 58 | 51 | |
| 15 | 60 | 54 | 50 | 48 | 42 | 41 | 47 | 48 | 53 | 60 | 68 | 64 | 60 | 57 | 57 | 55 | 56 | 56 | 56 | 56 | 56 | 60 | 60 | 60 | 55 | |
| 16 | 60 | 58 | 52 | 42 | 40 | 35 | 37 | 41 | 50 | 58 | 58 | 58 | 54 | 55 | 55 | 55 | 55 | 54 | 54 | 54 | 54 | 56 | 55 | 51 | 52 | |
| 17 | 48 | 47 | 42 | 35 | 30 | 30 | 39 | 42 | 45 | 48 | 54 | 56 | 57 | 58 | 57 | 58 | 55 | 55 | 55 | 55 | 55 | 60 | 61 | 60 | 50 | |
| 18 | □ | □ | □ | □ | □ | □ | □ | □ | □ | □ | □ | □ | □ | □ | □ | □ | □ | □ | □ | □ | □ | □ | □ | □ | □ | |
| 19 | 48 | 42 | 38 | 34 | 38 | 42 | 49 | 54 | 59 | 64 | 66 | 63 | 57 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 55 | 56 | 54 | 52 | |
| 20 | 52 | 48 | 42 | 36 | 32 | 38 | 44 | 48 | 52 | 60 | 66 | 66 | 63 | 61 | 60 | 59 | 58 | 58 | 56 | 55 | 55 | 53 | 53 | 53 | 53 | |
| 21 | 51 | 48 | 41 | 36 | 36 | 42 | 49 | 50 | 53 | 58 | 63 | 61 | 60 | 58 | 59 | 56 | 56 | 56 | 55 | 55 | 55 | 57 | 54 | 54 | 53 | |
| 22 | 56 | 54 | 50 | 42 | 36 | 36 | 36 | 48 | 54 | 58 | 63 | 63 | 59 | 55 | 58 | 55 | 55 | 55 | 55 | 55 | 55 | 57 | 54 | 54 | 52 | |
| 23 | 54 | 54 | 54 | 54 | 52 | 51 | 51 | 53 | 51 | 52 | 59 | 59 | 56 | 54 | 54 | 53 | 54 | 54 | 54 | 54 | 54 | 55 | 54 | 54 | 54 | |
| 24 | 56 | 57 | 48 | 36 | 36 | 38 | 42 | 54 | 61 | 66 | 66 | 65 | 59 | 56 | 55 | 54 | 54 | 54 | 54 | 54 | 54 | 56 | 57 | 57 | 54 | |
| 25 | 54 | 52 | 43 | 34 | 32 | 34 | 33 | 37 | 43 | 48 | 53 | 57 | 58 | 59 | 57 | 55 | 55 | 55 | 55 | 55 | 55 | 56 | 56 | 56 | 50 | |
| 26 | 56 | 54 | 49 | 46 | 37 | 34 | 36 | 41 | 47 | 55 | 60 | 57 | 54 | 53 | 52 | 53 | 51 | 52 | 51 | 53 | 53 | 54 | 54 | 53 | 50 | |
| 27 | 52 | 48 | 45 | 43 | 37 | 36 | 41 | 44 | 51 | 55 | 55 | 60 | 58 | 56 | 57 | 56 | 56 | 56 | 56 | 56 | 56 | 50 | 51 | 45 | 43 | |
| 28 | 48 | 45 | 40 | 36 | 34 | 32 | 36 | 44 | 52 | 64 | 77 | 90 | 102 | 90 | 84 | 78 | 78 | 73 | 72 | 70 | 70 | 70 | 67 | 66 | 63 | |
| 29 | 67 | 70 | 64 | 51 | 45 | 52 | 55 | 70 | 68 | 68 | 72 | 72 | 68 | 64 | 63 | 60 | 60 | 60 | 62 | 61 | 62 | 66 | 63 | 60 | 63 | |
| 30 | 55 | 54 | 49 | 41 | 41 | 45 | 52 | 59 | 63 | 71 | 73 | 71 | 68 | 66 | 61 | 60 | 61 | 61 | 60 | 60 | 60 | 64 | 64 | 66 | 59 | |
| 31 | 62 | 58 | 52 | 48 | 49 | 49 | 49 | 53 | 61 | 67 | 67 | 66 | 64 | 62 | 61 | 60 | 60 | 59 | 57 | 57 | 60 | 60 | 60 | 57 | 58 | |
| Среднее по всем дням | 56 | 53 | 48 | 42 | 40 | 40 | 43 | 49 | 53 | 58 | 62 | 62 | 60 | 59 | 58 | 58 | 57 | 57 | 57 | 56 | 57 | 57 | 58 | 58 | 57 | 54 |

Обработал Михаленкова

Проверил Брунбикова

Международный год спокойного солнца

Ведомство Академия Наук СССР
Обсерватория Батроны (Иркутск)

Т А Б Л И Ц А
для обработки магнитных вариометров

Обсерватория Батроны
Широта _____
Долгота _____
Вариометр D-Боброва
Элемент Склонение
Год 1970
Месяц июнь

Среднемесчн. $D = -20.16.3'$

Ведомство Академия Наук СССР
 Обсерватория Тюмпы (Иркутск)

Широта

Долгота

Элемент Склонение

Месяц ИЮНЬ Год 1970

$\alpha = -2^{\circ}00'00'' +$

$\delta = 0.408 \frac{\mu\mu}{\mu} \alpha = -2^{\circ}26.5'$

| Время ми- ровое Дни | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 19 20 21 22 23 | | | | | Средн. суточн. | | | |
|---------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------------|------|------|------|------|-------------------|------|------|--|
| 1 | 9.6 | 9.2 | 11.0 | 13.1 | 19.4 | 22.8 | 23.5 | 23.5 | 22.8 | 21.4 | 18.8 | 17.4 | 14.3 | 14.2 | 15.0 | 15.4 | 17.0 | 18.2 | 17.9 | 16.0 | 16.5 | 15.9 | 13.2 | 11.2 | 16.6 | |
| 2 | 10.2 | 10.8 | 11.7 | 17.1 | 21.0 | 23.3 | 24.7 | 24.0 | 20.8 | 18.0 | 16.4 | 16.2 | 16.8 | 17.2 | 16.6 | 16.6 | 17.4 | 17.0 | 16.8 | 16.4 | 16.0 | 15.5 | 13.1 | 12.2 | 16.9 | |
| 3 | 10.1 | 9.4 | 11.6 | 14.2 | 16.4 | 18.7 | 21.5 | 21.8 | 21.8 | 19.4 | 17.3 | 15.2 | 13.7 | 15.3 | 15.4 | 16.2 | 17.0 | 17.0 | 16.6 | 17.0 | 15.6 | 14.5 | 12.3 | 11.1 | 15.8 | |
| 4 | 9.2 | 10.0 | 11.5 | 13.2 | 16.8 | 21.0 | 21.5 | 21.0 | 19.4 | 17.8 | 16.2 | 15.0 | 14.9 | 15.3 | 14.4 | 17.0 | 16.6 | 16.8 | 16.6 | 16.4 | 15.4 | 14.2 | 12.2 | 10.8 | 15.6 | |
| 5 | 10.0 | 9.7 | 11.1 | 15.2 | 16.8 | 19.2 | 20.6 | 21.4 | 21.5 | 19.8 | 17.4 | 16.1 | 17.4 | 17.8 | 17.2 | 17.2 | 16.6 | 16.4 | 15.9 | 15.3 | 14.8 | 13.3 | 12.2 | 10.9 | 16.0 | |
| 6 | 10.5 | 9.8 | 10.6 | 12.8 | 16.9 | 20.2 | 22.0 | 22.4 | 22.8 | 20.6 | 18.2 | 16.9 | 16.4 | 16.9 | 17.4 | 17.0 | 16.7 | 16.2 | 16.1 | 16.2 | 16.0 | 15.0 | 13.2 | 12.1 | 16.4 | |
| 7 | 10.8 | 10.4 | 11.1 | 14.0 | 17.8 | 20.4 | 21.9 | 22.3 | 21.9 | 21.0 | 18.9 | 18.0 | 17.3 | 17.4 | 17.7 | 17.4 | 17.0 | 16.8 | 15.8 | 16.6 | 14.4 | 10.6 | 9.7 | 11.8 | 16.3 | |
| 8 | 13.3 | 10.5 | 14.0 | 17.0 | 18.2 | 21.7 | 25.1 | 23.4 | 23.7 | 21.8 | 19.2 | 17.4 | 13.8 | 15.4 | 16.2 | 16.4 | 16.5 | 16.0 | 15.5 | 14.5 | 14.3 | 13.9 | 13.2 | 10.4 | 16.7 | |
| 9 | 9.7 | 9.6 | 11.3 | 14.9 | 17.0 | 18.7 | 20.7 | 22.9 | 23.2 | 22.1 | 20.2 | 17.8 | 16.8 | 17.0 | 17.1 | 17.0 | 16.7 | 16.4 | 15.9 | 15.8 | 15.9 | 14.2 | 13.5 | 13.8 | 16.6 | |
| 10 | 12.2 | 12.6 | 13.4 | 16.8 | 19.3 | 21.6 | 23.2 | 24.7 | 24.6 | 23.1 | 19.8 | 16.4 | 16.4 | 16.6 | 16.2 | 16.9 | 17.0 | 16.8 | 16.9 | 15.0 | 14.5 | 14.0 | 12.4 | 9.8 | 17.1 | |
| 11 | 8.4 | 7.6 | 8.3 | 12.0 | 15.9 | 20.0 | 22.9 | 24.4 | 24.3 | 22.7 | 19.7 | 16.8 | 15.8 | 16.9 | 17.4 | 17.4 | 17.0 | 16.4 | 15.6 | 15.3 | 14.4 | 13.4 | 11.8 | 10.3 | 16.0 | |
| 12 | 7.3 | 6.0 | 7.2 | 10.2 | 14.7 | 19.1 | 23.0 | 24.8 | 24.1 | 21.6 | 19.6 | 17.0 | 15.9 | 16.3 | 17.2 | 17.6 | 17.3 | 16.5 | 15.4 | 14.2 | 13.4 | 12.5 | 11.6 | 9.7 | 15.5 | |
| 13 | 7.0 | 6.9 | 8.4 | 11.6 | 15.7 | 19.8 | 24.6 | 27.6 | 26.0 | 23.7 | 19.6 | 16.6 | 15.0 | 14.5 | 15.8 | 18.2 | 17.8 | 17.8 | 17.8 | 15.4 | 14.2 | 12.3 | 11.2 | 9.4 | 16.1 | |
| 14 | 8.5 | 7.2 | 7.2 | 9.7 | 14.5 | 17.8 | 21.4 | 22.9 | 23.1 | 21.9 | 19.3 | 16.8 | 16.4 | 16.8 | 17.0 | 17.1 | 16.7 | 16.2 | 15.6 | 14.7 | 11.5 | 10.9 | 10.3 | 9.2 | 15.1 | |
| 15 | 9.0 | 11.4 | 11.4 | 12.4 | 14.6 | 18.9 | 23.3 | 25.7 | 24.7 | 23.8 | 20.5 | 14.9 | 15.4 | 16.5 | 17.2 | 17.0 | 16.0 | 15.2 | 15.0 | 13.3 | 12.6 | 13.3 | 10.6 | 7.8 | 15.9 | |
| 16 | 7.4 | 7.4 | 8.2 | 12.4 | 15.0 | 19.0 | 20.0 | 20.8 | 21.6 | 21.6 | 19.7 | 17.5 | 15.8 | 16.2 | 15.9 | 17.0 | 16.4 | 15.8 | 15.2 | 14.3 | 13.3 | 12.5 | 11.8 | 11.2 | 15.2 | |
| 17 | 10.2 | 8.8 | 8.6 | 10.8 | 14.7 | 19.2 | 23.2 | 25.6 | 25.6 | 24.1 | 21.7 | 19.0 | 16.2 | 18.2 | 18.0 | 18.0 | 17.2 | 15.9 | 14.2 | 12.8 | 12.5 | 11.7 | 11.8 | 10.6 | 16.2 | |
| 18 | 9.2 | 11.2 | 10.0 | 11.2 | 14.2 | 18.0 | 21.8 | 24.2 | 26.8 | 23.8 | 19.9 | 17.8 | 14.0 | 15.4 | 10.0 | 18.1 | 15.4 | 15.4 | 15.4 | 15.3 | 14.1 | 12.5 | 12.8 | 12.0 | 15.8 | |
| 19 | 9.3 | 8.4 | 9.4 | 13.7 | 17.6 | 24.0 | 27.0 | 26.0 | 24.3 | 21.1 | 18.8 | 17.0 | 16.2 | 15.7 | 15.7 | 16.3 | 16.4 | 16.4 | 15.5 | 15.3 | 14.8 | 15.6 | 15.5 | 12.5 | 16.8 | |
| 20 | 12.9 | 12.9 | 12.5 | 13.3 | 16.2 | 20.2 | 24.1 | 25.4 | 25.5 | 22.6 | 18.7 | 16.0 | 14.8 | 16.1 | 16.7 | 16.9 | 17.3 | 19.0 | 15.2 | 14.5 | 16.4 | 12.2 | 12.7 | 12.6 | 16.9 | |
| 21 | 14.4 | 10.2 | 12.3 | 13.6 | 17.2 | 21.1 | 25.3 | 25.6 | 25.0 | 22.2 | 18.2 | 14.8 | 13.8 | 14.9 | 16.3 | 16.8 | 17.0 | 17.4 | 16.4 | 16.4 | 15.6 | 13.9 | 11.6 | 9.7 | 16.7 | |
| 22 | 8.1 | 8.9 | 9.7 | 13.4 | 18.3 | 22.9 | 26.0 | 27.4 | 25.6 | 23.2 | 20.2 | 18.2 | 17.0 | 16.7 | 17.0 | 17.2 | 16.7 | 15.8 | 15.1 | 14.7 | 13.4 | 12.8 | 12.1 | 10.6 | 16.7 | |
| 23 | 8.6 | 8.9 | 10.2 | 11.4 | 15.2 | 19.6 | 22.8 | 23.8 | 24.1 | 23.0 | 20.9 | 18.7 | 17.4 | 16.7 | 16.5 | 16.1 | 16.1 | 16.1 | 15.8 | 15.4 | 14.9 | 14.2 | 11.6 | 10.7 | 16.2 | |
| 24 | 10.3 | 11.0 | 12.6 | 13.8 | 17.2 | 20.4 | 23.2 | 24.7 | 24.3 | 22.3 | 20.4 | 18.4 | 17.2 | 16.7 | 16.4 | 17.0 | 16.4 | 16.6 | 16.6 | 15.8 | 15.4 | 13.4 | 11.2 | 10.8 | 16.8 | |
| 25 | 9.0 | 12.1 | 12.9 | 14.9 | 18.8 | 21.2 | 23.0 | 23.0 | 21.8 | 19.8 | 17.4 | 15.8 | 14.3 | 15.0 | 16.3 | 17.4 | 18.0 | 18.4 | 18.2 | 17.8 | 16.3 | 15.4 | 15.3 | 14.3 | 16.9 | |
| 26 | 11.1 | 9.6 | 9.2 | 11.7 | 14.7 | 18.9 | 21.5 | 21.6 | 20.2 | 20.0 | 18.5 | 16.8 | 16.5 | 17.2 | 17.5 | 16.4 | 16.8 | 15.9 | 15.9 | 15.3 | 14.8 | 12.6 | 11.2 | 10.2 | 15.6 | |
| 27 | 8.6 | 8.1 | 9.5 | 13.2 | 17.9 | 21.0 | 22.8 | 20.4 | 23.3 | 23.5 | 20.7 | 17.6 | 13.8 | 11.8 | 17.4 | 17.0 | 17.1 | 16.1 | 15.8 | 15.5 | 14.6 | 13.2 | 11.6 | 9.4 | 15.8 | |
| 28 | 8.9 | 9.6 | 14.0 | 15.6 | 18.6 | 22.0 | 23.3 | 23.8 | 22.8 | 20.4 | 17.0 | 15.0 | 14.6 | 15.0 | 16.2 | 17.0 | 17.8 | 17.8 | 17.2 | 16.5 | 16.3 | 14.8 | 13.2 | 11.8 | 16.6 | |
| 29 | 9.9 | 10.6 | 13.0 | 16.8 | 20.2 | 23.2 | 23.3 | 22.9 | 22.0 | 20.0 | 17.6 | 16.8 | 16.6 | 16.7 | 17.2 | 16.6 | 16.0 | 16.6 | 14.7 | 14.6 | 13.9 | 12.7 | 12.1 | 10.9 | 16.5 | |
| 30 | 9.3 | 8.9 | 10.8 | 15.0 | 18.7 | 22.0 | 23.7 | 23.8 | 22.3 | 22.0 | 20.6 | 18.3 | 17.2 | 17.1 | 17.2 | 17.0 | 16.9 | 16.7 | 17.0 | 16.2 | 15.5 | 13.5 | 11.6 | 10.2 | 16.7 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| реднее по всем дням | 9.8 | 9.6 | 10.8 | 13.5 | 17.0 | 20.5 | 23.0 | 23.7 | 23.3 | 21.6 | 19.0 | 16.9 | 15.7 | 16.1 | 16.4 | 17.0 | 16.8 | 16.7 | 16.1 | 15.4 | 14.7 | 13.5 | 12.2 | 10.9 | 16.3 | |

Обработал Михаленкова

Проверил Бринько

Международный год спокойного солнца

Ведомство Академия Наук СССР
Обсерватория Татроны (Иркутск)

Т А Б Л И Ц А
для обработки магнитных вариометров

Обсерватория Татроны
Широта _____
Долгота _____
Вариометр Н-Боброва
Элемент горизонтальная сост.
Год 1970
Месяц июнь

Среднемесчн. $H = 19568^y$

Ведомство Академия Наук СССР

Широта

Долгота

Элемент горизонтальная составляющая

Обсерватория Титроны (Иркутск)

Месяц ИЮНЬ Год 1970

$H = 19450^{\circ} + \epsilon H = 2.76\% \text{ от } H = 19453^{\circ}$

| Время мировое Дни | 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 | | | | | | | | | | | | | | | | | 19 20 21 22 23 | | | | | Средн. суточн. | | | |
|----------------------|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----------------|-----|-----|-----|-----|----------------|-----|-----|-----|
| | 1 | 107 | 96 | 78 | 54 | 82 | 98 | 121 | 130 | 136 | 112 | 120 | 129 | 130 | 105 | 98 | 106 | 118 | 124 | 118 | 115 | 118 | | 120 | 118 | 118 |
| 2 | 102 | 90 | 92 | 85 | 88 | 110 | 126 | 137 | 144 | 147 | 146 | 142 | 140 | 134 | 130 | 132 | 132 | 130 | 126 | 128 | 122 | 126 | 127 | 126 | 123 | |
| 3 | 114 | 100 | 78 | 80 | 78 | 82 | 94 | 108 | 117 | 125 | 125 | 126 | 127 | 117 | 130 | 117 | 122 | 126 | 130 | 126 | 126 | 126 | 126 | 116 | 113 | |
| 4 | 108 | 106 | 97 | 96 | 90 | 92 | 110 | 118 | 126 | 134 | 128 | 128 | 126 | 123 | 126 | 126 | 122 | 125 | 123 | 128 | 126 | 126 | 126 | 122 | 118 | |
| 5 | 116 | 104 | 85 | 78 | 88 | 90 | 96 | 108 | 124 | 138 | 148 | 140 | 130 | 132 | 130 | 131 | 130 | 134 | 132 | 132 | 135 | 138 | 139 | 133 | 121 | |
| 6 | 120 | 108 | 98 | 98 | 106 | 112 | 117 | 125 | 132 | 149 | 140 | 141 | 133 | 129 | 128 | 130 | 130 | 130 | 134 | 136 | 138 | 141 | 143 | 135 | 127 | |
| 7 | 119 | 108 | 102 | 108 | 113 | 127 | 138 | 148 | 154 | 156 | 161 | 159 | 154 | 154 | 154 | 158 | 156 | 157 | 162 | 140 | 135 | 151 | 140 | 138 | 141 | |
| 8 | 134 | 108 | 93 | 95 | 98 | 82 | 87 | 119 | 131 | 131 | 136 | 127 | 124 | 130 | 127 | 124 | 124 | 127 | 126 | 122 | 118 | 124 | 126 | 120 | 118 | |
| 9 | 112 | 103 | 98 | 102 | 104 | 110 | 121 | 130 | 129 | 132 | 135 | 134 | 135 | 134 | 136 | 132 | 134 | 134 | 130 | 124 | 127 | 124 | 124 | 118 | 123 | |
| 10 | 106 | 102 | 97 | 98 | 108 | 120 | 112 | 125 | 124 | 138 | 140 | 135 | 133 | 134 | 134 | 132 | 133 | 132 | 131 | 127 | 129 | 130 | 131 | 124 | 124 | |
| 11 | 110 | 98 | 88 | 90 | 98 | 108 | 120 | 126 | 139 | 150 | 152 | 145 | 136 | 136 | 136 | 139 | 137 | 142 | 128 | 123 | 125 | 132 | 133 | 130 | 126 | |
| 12 | 118 | 106 | 88 | 82 | 85 | 92 | 107 | 125 | 140 | 147 | 148 | 147 | 142 | 138 | 137 | 142 | 140 | 140 | 140 | 136 | 131 | 136 | 136 | 134 | 127 | |
| 13 | 126 | 118 | 104 | 99 | 98 | 104 | 118 | 121 | 133 | 140 | 128 | 128 | 122 | 116 | 130 | 128 | 118 | 122 | 116 | 114 | 117 | 118 | 124 | 127 | 120 | |
| 14 | 121 | 109 | 99 | 86 | 86 | 88 | 98 | 118 | 131 | 144 | 145 | 142 | 134 | 138 | 136 | 139 | 137 | 138 | 140 | 147 | 130 | 144 | 152 | 146 | 127 | |
| 15 | 122 | 126 | 112 | 96 | 99 | 94 | 101 | 112 | 124 | 126 | 125 | 124 | 119 | 129 | 133 | 136 | 130 | 128 | 122 | 122 | 126 | 130 | 132 | 134 | 121 | |
| 16 | 115 | 109 | 101 | 98 | 100 | 94 | 106 | 126 | 139 | 148 | 146 | 141 | 141 | 132 | 131 | 133 | 134 | 130 | 130 | 130 | 130 | 135 | 134 | 137 | 126 | |
| 17 | 130 | 117 | 100 | 90 | 86 | 98 | 112 | 138 | 166 | 167 | 172 | 162 | 162 | 144 | 145 | 138 | 133 | 132 | 120 | 116 | 116 | 108 | 114 | 120 | 129 | |
| 18 | 100 | 93 | 91 | 85 | 86 | 83 | 96 | 113 | 136 | 124 | 144 | 120 | 126 | 108 | 140 | 108 | 112 | 108 | 104 | 96 | 100 | 108 | 118 | 114 | 109 | |
| 19 | 101 | 86 | 71 | 62 | 69 | 77 | 83 | 110 | 121 | 122 | 114 | 125 | 124 | 122 | 120 | 120 | 118 | 118 | 112 | 110 | 111 | 121 | 128 | 123 | 107 | |
| 20 | 104 | 82 | 70 | 68 | 60 | 58 | 65 | 81 | 102 | 109 | 112 | 110 | 100 | 103 | 98 | 98 | 102 | 104 | 88 | 90 | 103 | 94 | 106 | 98 | 92 | |
| 21 | 74 | 48 | 43 | 24 | 42 | 49 | 50 | 66 | 83 | 98 | 104 | 95 | 107 | 112 | 109 | 109 | 106 | 110 | 112 | 114 | 118 | 122 | 126 | 118 | 89 | |
| 22 | 101 | 90 | 79 | 77 | 77 | 82 | 90 | 117 | 118 | 127 | 133 | 132 | 128 | 132 | 132 | 137 | 132 | 132 | 136 | 136 | 136 | 138 | 140 | 129 | 118 | |
| 23 | 113 | 98 | 88 | 84 | 92 | 96 | 99 | 110 | 120 | 132 | 138 | 138 | 137 | 138 | 136 | 124 | 124 | 128 | 128 | 134 | 138 | 142 | 139 | 132 | 121 | |
| 24 | 120 | 107 | 100 | 95 | 94 | 102 | 113 | 130 | 141 | 142 | 141 | 142 | 144 | 150 | 151 | 155 | 149 | 154 | 160 | 153 | 156 | 154 | 148 | 135 | 135 | |
| 25 | 122 | 116 | 108 | 109 | 101 | 94 | 99 | 108 | 120 | 128 | 130 | 127 | 124 | 128 | 128 | 130 | 128 | 131 | 128 | 128 | 132 | 134 | 132 | 133 | 122 | |
| 26 | 129 | 121 | 106 | 101 | 94 | 93 | 98 | 112 | 120 | 120 | 122 | 130 | 126 | 136 | 145 | 150 | 137 | 130 | 134 | 138 | 126 | 123 | 124 | 116 | 122 | |
| 27 | 106 | 101 | 90 | 65 | 68 | 85 | 120 | 154 | 104 | 132 | 106 | 119 | 104 | 74 | 98 | 110 | 106 | 109 | 104 | 108 | 106 | 104 | 109 | 104 | 104 | |
| 28 | 78 | 63 | 58 | 58 | 62 | 70 | 90 | 103 | 114 | 116 | 112 | 120 | 119 | 113 | 117 | 119 | 116 | 116 | 116 | 118 | 118 | 119 | 119 | 112 | 102 | |
| 29 | 104 | 94 | 84 | 79 | 78 | 89 | 110 | 120 | 128 | 132 | 130 | 132 | 128 | 130 | 130 | 136 | 128 | 122 | 118 | 118 | 122 | 128 | 123 | 118 | 116 | |
| 30 | 106 | 95 | 86 | 90 | 93 | 105 | 114 | 119 | 122 | 126 | 132 | 126 | 125 | 126 | 129 | 132 | 132 | 131 | 134 | 133 | 134 | 138 | 135 | 129 | 120 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Среднее по всем дням | 111 | 100 | 89 | 84 | 87 | 93 | 104 | 118 | 127 | 133 | 134 | 132 | 129 | 127 | 129 | 129 | 127 | 128 | 126 | 125 | 125 | 128 | 129 | 125 | 118 | |

Обработал Михаленкова

Проверил Брунко

Международный год спокойного солнца

Ведомство Академия Наук СССР
Обсерватория Трамроны (Иркутск)

Т А Б Л И Ц А для обработки магнитных вариометров

Обсерватория Трамроны
Широта _____
Долгота _____
Вариометр Z-Боброва
Элемент Вертикальная составл.
Год 1970
Месяц июнь

Среднемесчн. 57ec1

Ведомство Академия Наук СССР

Широта

Долгота

Элемент Вертикальная составляющая

Обсерватория Трампы (Иркутск)

Месяц Июнь Год 1970

$Z = 57050^{\circ}$

$EZ = 3.00^{\circ} \text{ или } Z_0 = 57054^{\circ}$

| Время мировое Дни | | | | | | | | | | | | | | | | | | | | | | | Средн. суточн. | | | |
|-------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------------------|----|----|----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 19 | 20 | 21 | 22 | 23 | | | | |
| 1 | 53 | 51 | 49 | 48 | 50 | 48 | 48 | 51 | 59 | 66 | 67 | 66 | 66 | 66 | 65 | 64 | 61 | 55 | 55 | 56 | 58 | 55 | 54 | 52 | 57 | |
| 2 | 51 | 49 | 37 | 35 | 34 | 36 | 41 | 42 | 51 | 59 | 60 | 55 | 53 | 54 | 54 | 54 | 54 | 52 | 52 | 53 | 53 | 53 | 53 | 50 | 49 | |
| 3 | 49 | 47 | 42 | 40 | 39 | 39 | 43 | 49 | 59 | 66 | 70 | 70 | 65 | 59 | 57 | 56 | 57 | 55 | 56 | 54 | 55 | 59 | 57 | 55 | 54 | |
| 4 | 54 | 51 | 44 | 44 | 41 | 44 | 52 | 60 | 66 | 67 | 68 | 66 | 61 | 58 | 57 | 56 | 56 | 56 | 56 | 56 | 58 | 60 | 60 | 56 | 56 | |
| 5 | 50 | 50 | 48 | 46 | 46 | 48 | 48 | 51 | 56 | 61 | 66 | 63 | 58 | 56 | 54 | 54 | 54 | 54 | 54 | 54 | 56 | 56 | 61 | 59 | 54 | |
| 6 | 55 | 51 | 48 | 44 | 42 | 36 | 40 | 45 | 49 | 57 | 60 | 61 | 57 | 52 | 53 | 50 | 50 | 50 | 50 | 50 | 55 | 56 | 56 | 55 | 51 | |
| 7 | 52 | 49 | 42 | 38 | 38 | 42 | 42 | 43 | 48 | 54 | 60 | 60 | 55 | 51 | 50 | 50 | 50 | 50 | 50 | 50 | 52 | 52 | 52 | 51 | 49 | |
| 8 | 46 | 44 | 40 | 36 | 34 | 32 | 40 | 49 | 52 | 57 | 62 | 64 | 62 | 58 | 55 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 55 | 51 | |
| 9 | 55 | 54 | 49 | 42 | 38 | 34 | 36 | 41 | 44 | 49 | 50 | 54 | 52 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 51 | 48 | 48 | 50 | 48 | |
| 10 | 56 | 55 | 48 | 42 | 36 | 32 | 35 | 43 | 47 | 50 | 57 | 61 | 58 | 55 | 54 | 52 | 54 | 52 | 54 | 52 | 54 | 54 | 52 | 52 | 50 | |
| 11 | 54 | 54 | 49 | 46 | 43 | 40 | 44 | 50 | 56 | 61 | 63 | 60 | 54 | 51 | 49 | 49 | 49 | 49 | 49 | 49 | 52 | 51 | 51 | 48 | 51 | |
| 12 | 48 | 48 | 42 | 33 | 28 | 30 | 36 | 41 | 47 | 52 | 57 | 55 | 55 | 53 | 53 | 51 | 51 | 51 | 51 | 51 | 52 | 52 | 49 | 49 | 47 | |
| 13 | 48 | 42 | 36 | 33 | 32 | 35 | 40 | 46 | 52 | 58 | 62 | 64 | 66 | 65 | 60 | 54 | 54 | 54 | 54 | 54 | 53 | 53 | 51 | 53 | 51 | |
| 14 | 53 | 48 | 48 | 47 | 44 | 42 | 42 | 47 | 51 | 54 | 55 | 57 | 55 | 54 | 53 | 50 | 49 | 49 | 49 | 49 | 47 | 49 | 48 | 52 | 50 | |
| 15 | 53 | 46 | 41 | 36 | 34 | 33 | 37 | 44 | 54 | 60 | 64 | 70 | 65 | 61 | 57 | 55 | 55 | 54 | 54 | 52 | 54 | 55 | 50 | 47 | 44 | 51 |
| 16 | 41 | 39 | 36 | 34 | 36 | 40 | 44 | 46 | 48 | 53 | 58 | 58 | 56 | 54 | 54 | 54 | 53 | 52 | 52 | 51 | 50 | 50 | 53 | 54 | 49 | |
| 17 | 52 | 50 | 43 | 38 | 27 | 24 | 29 | 41 | 44 | 48 | 50 | 50 | 54 | 52 | 52 | 50 | 50 | 50 | 50 | 49 | 49 | 49 | 46 | 46 | 48 | 45 |
| 18 | 52 | 55 | 40 | 31 | 27 | 36 | 38 | 39 | 49 | 63 | 80 | 83 | 88 | 78 | 74 | 60 | 64 | 61 | 61 | 60 | 58 | 52 | 48 | 51 | 56 | |
| 19 | 55 | 54 | 48 | 41 | 36 | 36 | 33 | 39 | 43 | 54 | 59 | 60 | 59 | 55 | 53 | 53 | 53 | 53 | 53 | 53 | 53 | 53 | 52 | 55 | 50 | |
| 20 | 53 | 52 | 43 | 41 | 37 | 42 | 52 | 60 | 63 | 72 | 78 | 79 | 76 | 71 | 67 | 64 | 64 | 54 | 54 | 58 | 60 | 54 | 53 | 52 | 58 | |
| 21 | 52 | 54 | 52 | 39 | 38 | 37 | 42 | 54 | 60 | 66 | 73 | 77 | 71 | 66 | 61 | 60 | 60 | 60 | 60 | 59 | 60 | 60 | 60 | 60 | 58 | |
| 22 | 55 | 52 | 51 | 49 | 40 | 35 | 32 | 36 | 44 | 52 | 58 | 60 | 58 | 55 | 54 | 53 | 54 | 53 | 53 | 53 | 52 | 51 | 52 | 53 | 50 | |
| 23 | 53 | 56 | 52 | 43 | 36 | 34 | 31 | 34 | 43 | 47 | 53 | 57 | 53 | 52 | 52 | 51 | 52 | 51 | 51 | 52 | 52 | 52 | 51 | 49 | 48 | |
| 24 | 49 | 49 | 49 | 44 | 30 | 28 | 28 | 31 | 35 | 45 | 50 | 51 | 51 | 50 | 49 | 49 | 47 | 47 | 47 | 47 | 47 | 48 | 48 | 50 | 50 | 45 |
| 25 | 46 | 40 | 37 | 37 | 33 | 35 | 41 | 49 | 51 | 56 | 58 | 60 | 58 | 57 | 53 | 52 | 51 | 51 | 51 | 51 | 52 | 53 | 52 | 51 | 49 | 49 |
| 26 | 43 | 42 | 40 | 44 | 39 | 40 | 40 | 46 | 56 | 56 | 56 | 56 | 52 | 50 | 50 | 50 | 45 | 46 | 46 | 46 | 44 | 41 | 47 | 45 | 39 | 46 |
| 27 | 39 | 40 | 39 | 38 | 40 | 45 | 38 | 40 | 48 | 72 | 72 | 72 | 77 | 74 | 66 | 62 | 59 | 56 | 56 | 56 | 56 | 56 | 57 | 59 | 60 | 55 |
| 28 | 55 | 51 | 50 | 46 | 40 | 41 | 45 | 48 | 51 | 57 | 62 | 63 | 60 | 58 | 58 | 54 | 56 | 52 | 52 | 52 | 52 | 54 | 53 | 52 | 52 | 53 |
| 29 | 53 | 47 | 40 | 38 | 38 | 40 | 40 | 44 | 50 | 53 | 59 | 56 | 53 | 52 | 51 | 52 | 51 | 52 | 51 | 51 | 49 | 50 | 50 | 52 | 50 | 49 |
| 30 | 43 | 41 | 37 | 36 | 35 | 36 | 36 | 48 | 54 | 54 | 54 | 54 | 54 | 50 | 48 | 48 | 48 | 48 | 48 | 48 | 48 | 48 | 49 | 49 | 48 | 46 |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Среднее по всем дням | 51 | 49 | 44 | 40 | 37 | 37 | 40 | 45 | 51 | 57 | 61 | 62 | 60 | 57 | 55 | 54 | 54 | 52 | 52 | 52 | 53 | 53 | 52 | 52 | 51 | |

Обработал Михаленкова

Проверил Брунко

Международный год спокойного солнца

Ведомство Академия Наук СССР
Обсерватория Патроны (Зиркутск)

Т А Б Л И Ц А
для обработки магнитных вариометров

Обсерватория Патроны
Широта _____
Долгота _____
Вариометр D-Боброва
Элемент Склонение
Год 1970
Месяц июль

Среднемесчн. $D = -2^{\circ} 17,5'$

Ведомство Академия Наук СССР

Широта

Долгота

Элемент Склонение

Обсерватория Патроны (Зиркутск)

Месяц 21 ЮЛЬ Год 1970

D = -2°00'00" +

δD = 0.408/мм D = -2°27.1'

| Время мн-ровое Дни | 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 | | | | | | | | | | | | | | | | | 19 20 21 22 23 | | | | | Средн. суточн. | | |
|-------------------------|---|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------------|------|------|------|------|-------------------|------|------|
| | 1 | 10.0 | 10.8 | 13.4 | 16.6 | 19.4 | 21.5 | 21.8 | 22.2 | 22.3 | 23.4 | 20.6 | 18.7 | 16.0 | 15.6 | 17.8 | 17.6 | 17.6 | 17.3 | 16.9 | 16.6 | 15.9 | | 14.4 | 11.9 |
| 2 | 9.6 | 10.8 | 13.4 | 16.5 | 18.6 | 21.4 | 22.7 | 25.5 | 24.1 | 23.0 | 19.4 | 14.5 | 17.6 | 18.4 | 18.6 | 18.2 | 8.5 | 17.9 | 17.5 | 17.1 | 16.2 | 15.0 | 12.4 | 10.4 | 17.4 |
| 3 | 9.0 | 10.2 | 11.6 | 15.2 | 18.2 | 22.8 | 25.5 | 25.1 | 24.2 | 24.1 | 18.6 | 16.9 | 15.6 | 16.8 | 18.5 | 18.5 | 18.2 | 18.0 | 17.6 | 17.3 | 16.9 | 16.0 | 16.3 | 22.6 | 18.1 |
| 4 | 21.2 | 16.0 | 14.9 | 16.6 | 19.6 | 23.9 | 26.4 | 27.6 | 27.4 | 23.0 | 21.4 | 18.9 | 17.3 | 17.0 | 18.1 | 17.9 | 17.8 | 17.7 | 17.2 | 16.8 | 16.5 | 14.8 | 12.5 | 10.0 | 18.1 |
| 5 | 9.9 | 10.8 | 13.0 | 15.6 | 20.8 | 26.4 | 27.4 | 27.3 | 24.8 | 22.6 | 20.7 | 18.6 | 17.8 | 17.9 | 17.4 | 17.8 | 16.9 | 16.9 | 15.7 | 15.4 | 14.3 | 12.8 | 10.7 | 9.8 | 17.6 |
| 6 | 10.2 | 11.6 | 14.0 | 16.5 | 19.8 | 23.3 | 25.4 | 25.9 | 23.4 | 21.8 | 21.4 | 17.5 | 14.6 | 16.0 | 18.1 | 18.7 | 18.6 | 18.1 | 17.4 | 16.6 | 15.6 | 14.3 | 12.0 | 10.0 | 17.5 |
| 7 | 9.0 | 10.2 | 12.4 | 15.5 | 19.3 | 21.8 | 24.3 | 24.7 | 23.2 | 20.8 | 18.5 | 17.1 | 17.1 | 17.7 | 17.7 | 17.9 | 17.8 | 17.5 | 16.9 | 16.4 | 15.8 | 15.2 | 13.5 | 12.4 | 17.2 |
| 8 | 12.2 | 11.8 | 11.8 | 13.9 | 17.7 | 20.3 | 22.5 | 23.8 | 24.1 | 22.8 | 20.8 | 18.8 | 16.6 | 15.0 | 16.4 | 17.3 | 17.3 | 16.0 | 15.6 | 15.4 | 14.0 | 13.2 | 12.8 | 11.1 | 16.7 |
| 9 | 15.0 | 13.4 | 10.8 | 8.2 | 16.0 | 25.2 | 25.6 | 25.4 | 26.9 | 27.7 | 23.8 | 21.1 | 19.8 | 11.9 | 10.2 | 15.6 | 13.6 | 15.6 | 16.7 | 16.6 | 16.2 | 16.4 | 17.7 | 18.2 | 17.8 |
| 10 | 24.4 | 12.4 | 12.1 | 13.8 | 18.5 | 22.3 | 25.1 | 26.1 | 24.6 | 22.3 | 19.7 | 18.2 | 16.7 | 16.7 | 17.6 | 16.2 | 16.9 | 16.2 | 16.8 | 15.8 | 14.9 | 15.6 | 11.6 | 11.3 | 17.7 |
| 11 | 12.4 | 13.3 | 16.0 | 17.4 | 20.0 | 22.6 | 25.1 | 25.9 | 25.4 | 23.4 | 21.4 | 18.9 | 17.2 | 17.8 | 17.5 | 18.5 | 16.8 | 16.8 | 16.2 | 15.5 | 16.4 | 15.7 | 12.4 | 11.4 | 18.1 |
| 12 | 11.2 | 12.1 | 12.6 | 15.3 | 17.8 | 20.1 | 22.6 | 24.6 | 24.3 | 20.7 | 19.5 | 18.9 | 18.1 | 18.1 | 17.3 | 17.3 | 17.2 | 17.3 | 17.0 | 15.0 | 14.6 | 14.2 | 15.4 | 13.6 | 17.3 |
| 13 | 12.3 | 12.6 | 13.1 | 14.9 | 17.3 | 20.7 | 23.0 | 24.1 | 23.4 | 22.2 | 20.4 | 19.2 | 18.7 | 18.2 | 17.9 | 18.1 | 17.7 | 17.3 | 14.3 | 14.9 | 14.3 | 14.9 | 12.8 | 11.6 | 17.2 |
| 14 | 11.3 | 11.4 | 13.0 | 15.4 | 18.2 | 21.2 | 22.9 | 23.4 | 22.8 | 21.8 | 20.6 | 18.4 | 16.8 | 17.3 | 17.5 | 17.9 | 17.9 | 17.7 | 17.8 | 16.5 | 15.2 | 14.3 | 12.8 | 12.8 | 17.3 |
| 15 | 11.8 | 11.8 | 13.0 | 15.1 | 18.1 | 21.0 | 23.0 | 24.3 | 23.8 | 22.0 | 20.2 | 19.0 | 18.7 | 17.9 | 18.6 | 18.7 | 18.0 | 17.4 | 16.8 | 16.4 | 16.1 | 15.5 | 14.4 | 13.4 | 17.7 |
| 16 | 11.2 | 12.2 | 14.9 | 15.6 | 19.5 | 23.0 | 24.0 | 24.2 | 23.5 | 22.0 | 19.7 | 18.0 | 16.6 | 17.2 | 18.4 | 18.3 | 18.5 | 17.5 | 16.0 | 15.6 | 15.9 | 14.5 | 13.2 | 12.6 | 17.6 |
| 17 | 12.6 | 12.8 | 14.4 | 16.4 | 16.6 | 18.5 | 20.6 | 22.0 | 21.4 | 20.4 | 18.5 | 17.3 | 18.0 | 18.2 | 17.7 | 18.1 | 17.4 | 15.8 | 15.5 | 14.9 | 15.2 | 14.0 | 15.6 | 11.2 | 16.8 |
| 18 | 10.0 | 9.5 | 10.8 | 14.6 | 18.6 | 23.0 | 24.4 | 24.5 | 22.8 | 21.0 | 19.0 | 17.5 | 17.5 | 17.8 | 17.7 | 17.5 | 17.3 | 17.2 | 16.9 | 16.7 | 15.5 | 14.2 | 12.6 | 10.6 | 17.0 |
| 19 | 9.1 | 9.1 | 11.3 | 13.7 | 17.3 | 22.4 | 25.4 | 25.8 | 24.0 | 21.2 | 17.6 | 16.5 | 16.9 | 17.8 | 17.9 | 18.0 | 17.7 | 17.0 | 15.9 | 15.9 | 15.5 | 15.5 | 13.6 | 12.2 | 17.0 |
| 20 | 11.1 | 11.5 | 13.6 | 16.2 | 19.4 | 22.3 | 24.4 | 24.7 | 24.7 | 24.0 | 21.4 | 19.7 | 17.2 | 17.3 | 17.4 | 17.5 | 17.7 | 17.3 | 16.5 | 15.9 | 15.8 | 14.0 | 13.0 | 11.2 | 17.7 |
| 21 | 11.4 | 11.2 | 12.3 | 15.2 | 19.7 | 21.2 | 22.6 | 23.8 | 23.6 | 23.9 | 19.9 | 17.6 | 15.2 | 13.9 | 13.2 | 16.1 | 17.6 | 17.9 | 18.7 | 18.0 | 16.6 | 14.8 | 13.4 | 13.1 | 17.1 |
| 22 | 10.8 | 11.6 | 12.8 | 16.2 | 19.4 | 22.5 | 25.5 | 26.6 | 24.7 | 21.3 | 19.5 | 18.1 | 17.3 | 17.5 | 17.5 | 17.6 | 17.5 | 17.0 | 16.4 | 16.2 | 16.0 | 16.4 | 14.6 | 13.3 | 17.8 |
| 23 | 11.6 | 9.4 | 10.0 | 12.1 | 15.3 | 19.6 | 23.4 | 25.0 | 23.8 | 23.3 | 20.3 | 17.8 | 17.3 | 18.0 | 17.4 | 17.7 | 17.7 | 17.7 | 16.5 | 16.6 | 16.3 | 14.0 | 11.5 | 9.6 | 16.7 |
| 24 | 7.2 | 8.1 | 11.1 | 14.5 | 18.8 | 20.1 | 23.0 | 22.4 | 22.6 | 22.2 | 19.5 | 17.2 | 15.3 | 15.7 | 16.5 | 16.2 | 17.6 | 17.6 | 17.4 | 17.8 | 17.0 | 16.4 | 15.0 | 12.4 | 16.7 |
| 25 | 10.9 | 11.0 | 10.9 | 19.8 | 18.8 | 18.2 | 27.4 | 30.8 | 27.8 | 24.3 | 20.3 | 16.8 | 18.4 | 17.0 | 19.6 | 20.2 | 20.6 | 19.5 | 19.2 | 19.2 | 19.3 | 19.3 | 21.4 | 21.2 | 19.7 |
| 26 | 17.3 | 15.8 | 18.8 | 18.5 | 19.8 | 22.8 | 25.6 | 26.5 | 25.8 | 22.5 | 16.8 | 14.5 | 13.8 | 14.6 | 18.6 | 19.3 | 18.9 | 18.1 | 17.4 | 16.9 | 16.5 | 16.0 | 17.5 | 12.6 | 18.6 |
| 27 | 10.0 | 9.8 | 11.3 | 14.8 | 17.2 | 20.5 | 23.5 | 23.2 | 23.0 | 22.4 | 18.9 | 18.3 | 17.7 | 16.4 | 16.3 | 18.3 | 17.5 | 16.8 | 17.2 | 17.2 | 17.5 | 14.9 | 14.0 | 13.4 | 17.1 |
| 28 | 12.2 | 11.2 | 12.4 | 14.9 | 18.2 | 21.2 | 23.0 | 23.0 | 21.8 | 20.4 | 19.4 | 18.6 | 18.8 | 18.6 | 18.5 | 17.6 | 17.6 | 17.2 | 17.0 | 17.0 | 16.8 | 15.9 | 16.0 | 14.3 | 17.6 |
| 29 | 11.4 | 12.4 | 12.4 | 14.3 | 16.2 | 20.4 | 19.9 | 20.4 | 17.9 | 20.3 | 12.4 | 13.0 | 14.5 | 12.2 | 17.5 | 13.7 | 20.4 | 18.9 | 17.1 | 19.6 | 17.8 | 15.9 | 13.8 | 12.5 | 16.0 |
| 30 | 12.1 | 13.0 | 15.3 | 18.6 | 21.9 | 25.3 | 26.1 | 25.1 | 23.3 | 20.6 | 18.2 | 17.2 | 16.9 | 17.5 | 17.9 | 18.3 | 17.9 | 17.3 | 17.2 | 17.2 | 16.4 | 16.4 | 16.2 | 14.0 | 18.3 |
| 31 | 14.8 | 16.0 | 16.4 | 16.8 | 20.5 | 22.8 | 22.6 | 21.6 | 21.3 | 20.6 | 18.2 | 17.2 | 17.1 | 16.8 | 16.8 | 16.9 | 17.4 | 16.1 | 14.8 | 14.9 | 16.1 | 16.5 | 15.6 | 11.3 | 17.5 |
| Среднее по всем дням | 12.0 | 10.7 | 13.0 | 15.4 | 18.6 | 21.9 | 24.0 | 24.7 | 23.8 | 22.4 | 19.6 | 17.7 | 17.0 | 16.7 | 17.4 | 17.7 | 17.7 | 17.3 | 16.8 | 16.5 | 16.0 | 15.2 | 14.1 | 12.7 | 17.5 |

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Международный год спокойного солнца

Ведомство Академия Наук СССР
Обсерватория Патроны (Иркутск)

Т А Б Л И Ц А
для обработки магнитных вариометров

Обсерватория _____
Широта _____
Долгота _____
Вариометр Н-Боброва
Элемент Горизонтальная составляющая
Год 1970
Месяц Июль

Среднемесчн. 19560^γ

Ведомство Академия Наук СССР
 Обсерватория Патроны (Эркутск)

Широта _____ Долгота _____

Элемент Горизонтальная составляющая

Месяц Июль Год 1970

$H = 19450^y$

$\sigma_H = 2.76^y \text{ мм} \mu = 19454^y$

| Время мин- ровое Дни | | | | | | | | | | | | | | | | | | | | | | | Средн. суточн. | | | |
|----------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------------------|-----|-----|-----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 19 | 20 | 21 | 22 | 23 | | | | |
| 1 | 120 | 109 | 102 | 101 | 97 | 100 | 117 | 128 | 132 | 129 | 142 | 134 | 133 | 144 | 128 | 138 | 142 | 142 | 143 | 138 | 139 | 144 | 146 | 142 | 129 | |
| 2 | 132 | 118 | 106 | 98 | 100 | 114 | 122 | 104 | 138 | 135 | 143 | 136 | 130 | 133 | 132 | 130 | 136 | 133 | 133 | 130 | 128 | 130 | 136 | 136 | 127 | 126 |
| 3 | 110 | 99 | 76 | 70 | 70 | 67 | 82 | 100 | 98 | 95 | 109 | 106 | 119 | 118 | 123 | 121 | 118 | 119 | 119 | 120 | 122 | 120 | 135 | 99 | 105 | |
| 4 | 63 | 100 | 88 | 69 | 60 | 38 | 44 | 81 | 127 | 104 | 107 | 109 | 110 | 114 | 116 | 115 | 115 | 112 | 112 | 111 | 112 | 114 | 118 | 122 | 117 | 99 |
| 5 | 108 | 101 | 92 | 80 | 58 | 52 | 77 | 106 | 112 | 126 | 126 | 128 | 127 | 136 | 134 | 132 | 142 | 143 | 143 | 122 | 120 | 128 | 138 | 140 | 124 | 115 |
| 6 | 102 | 103 | 93 | 77 | 63 | 75 | 88 | 90 | 75 | 105 | 123 | 124 | 126 | 127 | 120 | 123 | 124 | 124 | 124 | 124 | 124 | 126 | 129 | 130 | 125 | 109 |
| 7 | 114 | 98 | 83 | 74 | 77 | 91 | 109 | 120 | 129 | 132 | 132 | 130 | 130 | 130 | 131 | 133 | 130 | 132 | 132 | 132 | 132 | 130 | 130 | 126 | 119 | 119 |
| 8 | 123 | 106 | 90 | 84 | 78 | 80 | 92 | 108 | 118 | 132 | 137 | 135 | 132 | 129 | 132 | 126 | 128 | 124 | 124 | 119 | 120 | 116 | 122 | 130 | 138 | 117 |
| 9 | 160 | 152 | 134 | 93 | 63 | 88 | 100 | 114 | 130 | 100 | 76 | 86 | 97 | 89 | 97 | 98 | 108 | 111 | 111 | 120 | 108 | 118 | 93 | 82 | 68 | 104 |
| 10 | 104 | 75 | 54 | 47 | 44 | 40 | 52 | 80 | 99 | 111 | 114 | 108 | 99 | 104 | 116 | 133 | 150 | 159 | 159 | 114 | 110 | 114 | 128 | 120 | 104 | 99 |
| 11 | 92 | 78 | 66 | 68 | 74 | 88 | 94 | 93 | 104 | 112 | 119 | 124 | 124 | 123 | 122 | 124 | 126 | 128 | 128 | 119 | 114 | 118 | 124 | 120 | 112 | 107 |
| 12 | 94 | 86 | 76 | 81 | 90 | 100 | 110 | 120 | 116 | 115 | 122 | 122 | 126 | 124 | 128 | 128 | 121 | 124 | 124 | 130 | 124 | 115 | 119 | 120 | 120 | 113 |
| 13 | 116 | 103 | 85 | 80 | 90 | 88 | 100 | 115 | 129 | 134 | 133 | 122 | 126 | 130 | 127 | 130 | 130 | 128 | 128 | 115 | 116 | 115 | 123 | 121 | 122 | 116 |
| 14 | 110 | 95 | 80 | 81 | 88 | 94 | 102 | 114 | 119 | 120 | 126 | 132 | 136 | 138 | 134 | 134 | 130 | 132 | 132 | 136 | 130 | 120 | 119 | 120 | 114 | 117 |
| 15 | 110 | 108 | 99 | 98 | 102 | 105 | 111 | 120 | 128 | 131 | 128 | 126 | 124 | 132 | 127 | 127 | 128 | 128 | 128 | 128 | 127 | 126 | 126 | 124 | 120 | 120 |
| 16 | 108 | 94 | 91 | 102 | 101 | 106 | 108 | 126 | 127 | 134 | 134 | 138 | 132 | 124 | 123 | 126 | 131 | 130 | 130 | 132 | 121 | 122 | 126 | 132 | 126 | 121 |
| 17 | 114 | 100 | 92 | 96 | 104 | 116 | 127 | 138 | 144 | 148 | 140 | 137 | 138 | 141 | 136 | 139 | 142 | 133 | 133 | 126 | 123 | 126 | 125 | 131 | 126 | 127 |
| 18 | 118 | 104 | 91 | 91 | 90 | 98 | 115 | 120 | 126 | 132 | 128 | 129 | 136 | 133 | 130 | 132 | 130 | 131 | 131 | 133 | 130 | 128 | 126 | 129 | 129 | 121 |
| 19 | 121 | 110 | 96 | 86 | 86 | 105 | 120 | 132 | 142 | 146 | 139 | 132 | 132 | 132 | 138 | 138 | 140 | 144 | 144 | 129 | 124 | 127 | 132 | 134 | 136 | 126 |
| 20 | 120 | 104 | 98 | 97 | 100 | 108 | 120 | 125 | 133 | 134 | 138 | 146 | 140 | 140 | 139 | 140 | 141 | 140 | 140 | 140 | 142 | 140 | 143 | 140 | 126 | 129 |
| 21 | 132 | 126 | 107 | 88 | 76 | 82 | 100 | 122 | 136 | 144 | 138 | 128 | 142 | 132 | 96 | 108 | 120 | 118 | 118 | 130 | 122 | 116 | 120 | 110 | 114 | 117 |
| 22 | 102 | 94 | 84 | 76 | 74 | 84 | 96 | 116 | 108 | 118 | 124 | 124 | 121 | 126 | 126 | 128 | 132 | 128 | 128 | 118 | 118 | 118 | 118 | 121 | 117 | 111 |
| 23 | 98 | 94 | 80 | 68 | 72 | 83 | 90 | 110 | 132 | 127 | 130 | 130 | 130 | 130 | 138 | 135 | 138 | 138 | 138 | 134 | 130 | 128 | 129 | 130 | 127 | 117 |
| 24 | 116 | 90 | 76 | 58 | 60 | 68 | 68 | 84 | 110 | 122 | 126 | 136 | 128 | 126 | 125 | 118 | 125 | 130 | 130 | 128 | 125 | 125 | 125 | 120 | 124 | 109 |
| 25 | 111 | 106 | 52 | 66 | 81 | 96 | 40 | 58 | 60 | 86 | 68 | 84 | 44 | 74 | 60 | 66 | 86 | 90 | 90 | 96 | 86 | 84 | 94 | 92 | 74 | 77 |
| 26 | 39 | 24 | 20 | 36 | 60 | 71 | 60 | 75 | 97 | 94 | 118 | 100 | 86 | 90 | 95 | 100 | 105 | 103 | 103 | 105 | 102 | 103 | 105 | 102 | 105 | 83 |
| 27 | 101 | 88 | 74 | 64 | 56 | 55 | 76 | 100 | 114 | 116 | 105 | 112 | 112 | 122 | 116 | 125 | 106 | 102 | 102 | 102 | 102 | 102 | 102 | 101 | 94 | 98 |
| 28 | 94 | 92 | 78 | 67 | 64 | 70 | 84 | 93 | 103 | 111 | 125 | 128 | 128 | 126 | 126 | 117 | 118 | 120 | 120 | 120 | 122 | 122 | 120 | 120 | 115 | 107 |
| 29 | 102 | 112 | 96 | 92 | 62 | 56 | 74 | 88 | 83 | 65 | 64 | 58 | 58 | 48 | 77 | 104 | 91 | 88 | 88 | 96 | 102 | 93 | 92 | 88 | 76 | 82 |
| 30 | 70 | 62 | 58 | 57 | 57 | 61 | 91 | 113 | 122 | 120 | 118 | 116 | 111 | 111 | 118 | 118 | 112 | 114 | 114 | 118 | 116 | 115 | 118 | 116 | 108 | 101 |
| 31 | 90 | 84 | 76 | 66 | 66 | 76 | 93 | 100 | 108 | 102 | 108 | 113 | 114 | 117 | 116 | 118 | 109 | 102 | 102 | 103 | 110 | 114 | 120 | 128 | 114 | 102 |
| Среднее по всем дням | 106 | 97 | 84 | 78 | 76 | 82 | 92 | 106 | 116 | 119 | 121 | 120 | 119 | 121 | 120 | 123 | 124 | 124 | 124 | 122 | 119 | 119 | 122 | 122 | 115 | 110 |

Международный год спокойного солнца

Ведомство Академия Наук СССР
Обсерватория Патроны (Иркутск)

Т А Б Л И Ц А
для обработки магнитных вариометров

Обсерватория _____
Широта _____
Долгота _____
Вариометр Z Боброва
Элемент Вертикальная составляющая
Год 1970
Месяц Июль

Среднемесчн. 57096^γ

Ведомство Академия Наук СССР

Широта

Долгота

Элемент Вертикальная составляющая

Обсерватория Патроны (Иркутск)

Месяц Июль Год 1970

$Z = 57050^{\gamma} +$

$\delta_2 = 300\% \cdot \sin Z_0 = 57054^{\gamma}$

| Время ми- ровое дни | 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 | | | | | | | | | | | | | | | | | 19 20 21 22 23 | | | | | Средн. суточн. | | | | |
|---------------------------|---|----|----|----|----|----|----|----|----|-----|-----|-----|----|----|----|----|----|----------------|----|----|----|----|-------------------|----|----|----|----|
| | 1 | 41 | 42 | 42 | 38 | 36 | 38 | 38 | 37 | 48 | 51 | 52 | 52 | 52 | 52 | 54 | 52 | 52 | 50 | 50 | 53 | 54 | | 49 | 45 | 47 | |
| 2 | 40 | 36 | 34 | 30 | 28 | 30 | 35 | 38 | 46 | 48 | 58 | 62 | 55 | 52 | 50 | 50 | 50 | 50 | 50 | 52 | 54 | 54 | 55 | 55 | 46 | | |
| 3 | 55 | 54 | 46 | 36 | 26 | 29 | 29 | 38 | 52 | 55 | 62 | 62 | 60 | 56 | 52 | 50 | 50 | 50 | 50 | 51 | 52 | 55 | 54 | 47 | 49 | | |
| 4 | 46 | 45 | 37 | 34 | 34 | 35 | 46 | 54 | 62 | 62 | 61 | 60 | 56 | 56 | 54 | 54 | 53 | 54 | 54 | 54 | 54 | 57 | 59 | 58 | 52 | | |
| 5 | 52 | 48 | 43 | 38 | 37 | 42 | 46 | 50 | 54 | 58 | 56 | 57 | 56 | 54 | 51 | 52 | 51 | 49 | 49 | 48 | 50 | 51 | 51 | 47 | 50 | | |
| 6 | 43 | 39 | 40 | 40 | 37 | 39 | 38 | 43 | 49 | 57 | 57 | 62 | 62 | 58 | 53 | 51 | 50 | 51 | 50 | 51 | 51 | 52 | 54 | 52 | 49 | | |
| 7 | 48 | 44 | 36 | 36 | 31 | 32 | 36 | 42 | 50 | 54 | 54 | 50 | 48 | 48 | 48 | 48 | 48 | 48 | 48 | 48 | 48 | 48 | 48 | 47 | 45 | | |
| 8 | 47 | 41 | 36 | 30 | 30 | 33 | 34 | 39 | 44 | 49 | 55 | 57 | 55 | 51 | 49 | 49 | 50 | 50 | 50 | 50 | 50 | 49 | 47 | 43 | 42 | 45 | |
| 9 | 45 | 45 | 38 | 26 | 24 | 30 | 29 | 40 | 47 | 54 | 65 | 68 | 84 | 90 | 79 | 71 | 65 | 61 | 60 | 54 | 41 | 34 | 30 | 27 | 50 | | |
| 10 | 24 | 26 | 25 | 28 | 29 | 29 | 36 | 37 | 43 | 54 | 54 | 53 | 52 | 53 | 55 | 56 | 53 | 51 | 50 | 49 | 48 | 47 | 47 | 44 | 43 | | |
| 11 | 46 | 40 | 38 | 36 | 38 | 36 | 41 | 42 | 46 | 51 | 54 | 56 | 56 | 55 | 54 | 53 | 52 | 48 | 48 | 48 | 47 | 46 | 46 | 47 | 47 | | |
| 12 | 44 | 40 | 41 | 36 | 34 | 31 | 30 | 39 | 44 | 51 | 54 | 53 | 52 | 52 | 52 | 50 | 50 | 50 | 50 | 50 | 47 | 48 | 48 | 46 | 46 | 45 | |
| 13 | 45 | 41 | 42 | 41 | 36 | 34 | 42 | 49 | 48 | 46 | 51 | 50 | 49 | 48 | 47 | 48 | 48 | 48 | 48 | 48 | 47 | 47 | 47 | 45 | 44 | 44 | 45 |
| 14 | 44 | 39 | 35 | 32 | 32 | 33 | 33 | 39 | 46 | 50 | 49 | 48 | 46 | 47 | 45 | 45 | 46 | 47 | 47 | 45 | 41 | 44 | 46 | 47 | 48 | 43 | |
| 15 | 45 | 39 | 32 | 28 | 31 | 33 | 38 | 41 | 44 | 50 | 51 | 53 | 51 | 49 | 46 | 45 | 46 | 46 | 46 | 45 | 45 | 46 | 46 | 46 | 46 | 43 | |
| 16 | 46 | 42 | 36 | 32 | 28 | 28 | 28 | 28 | 31 | 38 | 43 | 44 | 46 | 45 | 46 | 45 | 44 | 44 | 44 | 43 | 44 | 46 | 48 | 47 | 43 | 40 | |
| 17 | 42 | 42 | 38 | 36 | 30 | 27 | 24 | 26 | 28 | 36 | 40 | 42 | 42 | 43 | 44 | 44 | 45 | 43 | 44 | 45 | 45 | 44 | 45 | 44 | 44 | 39 | |
| 18 | 44 | 35 | 31 | 26 | 23 | 26 | 31 | 37 | 42 | 46 | 46 | 46 | 47 | 43 | 42 | 41 | 41 | 42 | 42 | 42 | 43 | 43 | 45 | 45 | 42 | 40 | |
| 19 | 42 | 42 | 34 | 30 | 26 | 24 | 24 | 30 | 35 | 42 | 48 | 50 | 45 | 43 | 42 | 42 | 42 | 42 | 42 | 42 | 40 | 44 | 45 | 46 | 45 | 45 | 40 |
| 20 | 43 | 41 | 31 | 28 | 31 | 32 | 38 | 41 | 47 | 48 | 50 | 52 | 47 | 44 | 43 | 42 | 42 | 42 | 42 | 42 | 42 | 41 | 41 | 43 | 43 | 42 | 41 |
| 21 | 43 | 37 | 30 | 21 | 21 | 26 | 20 | 21 | 32 | 36 | 43 | 46 | 46 | 51 | 48 | 50 | 50 | 48 | 45 | 40 | 43 | 45 | 41 | 38 | 38 | 38 | |
| 22 | 38 | 38 | 36 | 30 | 28 | 30 | 34 | 36 | 38 | 52 | 54 | 52 | 50 | 47 | 45 | 45 | 44 | 41 | 42 | 42 | 42 | 43 | 43 | 43 | 41 | 38 | 41 |
| 23 | 39 | 40 | 40 | 38 | 32 | 26 | 30 | 38 | 45 | 46 | 46 | 47 | 47 | 44 | 44 | 44 | 45 | 44 | 44 | 44 | 44 | 43 | 45 | 50 | 49 | 48 | 42 |
| 24 | 44 | 43 | 37 | 37 | 39 | 40 | 39 | 44 | 46 | 47 | 50 | 51 | 49 | 49 | 49 | 49 | 50 | 48 | 48 | 46 | 48 | 50 | 50 | 48 | 48 | 46 | |
| 25 | 40 | 38 | 30 | 33 | 36 | 30 | 42 | 80 | 94 | 101 | 100 | 102 | 74 | 69 | 60 | 61 | 60 | 60 | 58 | 58 | 58 | 58 | 54 | 43 | 36 | 59 | |
| 26 | 33 | 38 | 36 | 36 | 29 | 30 | 38 | 50 | 60 | 60 | 70 | 69 | 64 | 60 | 55 | 54 | 53 | 52 | 51 | 51 | 51 | 53 | 54 | 54 | 54 | 50 | |
| 27 | 50 | 48 | 42 | 39 | 42 | 44 | 51 | 48 | 48 | 54 | 58 | 59 | 57 | 54 | 51 | 48 | 46 | 48 | 48 | 48 | 46 | 46 | 49 | 50 | 49 | 49 | |
| 28 | 46 | 46 | 40 | 34 | 30 | 32 | 34 | 39 | 42 | 43 | 46 | 46 | 45 | 45 | 44 | 44 | 45 | 45 | 45 | 46 | 46 | 46 | 46 | 47 | 50 | 43 | |
| 29 | 50 | 44 | 38 | 31 | 28 | 42 | 48 | 59 | 70 | 79 | 92 | 87 | 80 | 69 | 64 | 56 | 47 | 53 | 50 | 50 | 50 | 52 | 56 | 56 | 54 | 56 | |
| 30 | 52 | 45 | 38 | 36 | 34 | 40 | 45 | 48 | 50 | 52 | 52 | 51 | 48 | 48 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 49 | 50 | 46 | 46 | 47 | |
| 31 | 45 | 40 | 38 | 38 | 38 | 38 | 45 | 48 | 52 | 56 | 58 | 58 | 54 | 52 | 51 | 51 | 50 | 50 | 50 | 50 | 50 | 51 | 53 | 51 | 46 | 48 | |
| Зеднее по всем дням | 44 | 41 | 37 | 33 | 32 | 33 | 36 | 42 | 48 | 52 | 56 | 56 | 54 | 52 | 50 | 50 | 49 | 49 | 48 | 48 | 48 | 48 | 49 | 47 | 46 | 46 | |

Обработал Михаленкова

Проверил Брунько

Ведомство Академия Наук СССР
Обсерватория Патроны (Иркутск)

Т А Б Л И Ц А
для обработки магнитных вариометров

Обсерватория Патроны
Широта _____
Долгота _____
Вариометр D-Боброва
Элемент Склонение
Год 1970
Месяц август

Среднемесчн. $D = -2^{\circ}17.5'$

Ведомство Академия Наук СССР

Широта

Долгота

Элемент Склонение

Обсерватория Патроны (Циркутск)

Месяц август Год 1970

$D = -2^{\circ}00'00''$

$\epsilon_D = 0.408'/\text{ммД.} = -2^{\circ}27.1'$

| Время ми- ровое Дни | | | | | | | | | | | | | | | | | | | | | | | Средн. суточн. | | |
|---------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------------------|------|-------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 19 | 20 | 21 | 22 | 23 | | | |
| 1 | 11.2 | 12.3 | 15.0 | 17.3 | 19.6 | 22.3 | 23.3 | 23.0 | 21.9 | 19.6 | 17.4 | 17.3 | 18.4 | 18.7 | 18.5 | 18.3 | 17.8 | 17.2 | 16.5 | 16.2 | 16.0 | 15.3 | 13.0 | 10.4 | 17.4. |
| 2 | 10.5 | 10.8 | 13.6 | 17.3 | 21.4 | 22.7 | 23.0 | 23.0 | 23.0 | 21.3 | 19.1 | 18.8 | 18.4 | 18.5 | 18.4 | 18.6 | 17.8 | 17.3 | 16.5 | 15.8 | 15.2 | 14.5 | 12.8 | 10.7 | 17.5. |
| 3 | 8.8 | 7.9 | 9.7 | 13.3 | 18.2 | 22.0 | 23.0 | 22.2 | 21.4 | 19.8 | 18.6 | 18.0 | 18.6 | 18.5 | 18.2 | 18.4 | 18.1 | 17.3 | 16.4 | 15.8 | 15.6 | 15.3 | 14.0 | 12.8 | 16.7. |
| 4 | 12.0 | 12.4 | 13.2 | 16.1 | 20.2 | 23.0 | 23.6 | 23.6 | 22.5 | 20.5 | 18.5 | 18.4 | 18.6 | 18.5 | 18.0 | 17.5 | 17.5 | 17.3 | 16.4 | 15.6 | 14.9 | 12.8 | 11.6 | 10.4 | 17.2. |
| 5 | 10.7 | 11.2 | 13.2 | 16.2 | 19.6 | 22.3 | 23.4 | 23.0 | 21.6 | 20.2 | 19.0 | 18.6 | 18.1 | 18.1 | 18.1 | 17.9 | 17.7 | 17.3 | 16.9 | 16.0 | 15.6 | 14.8 | 13.5 | 11.9 | 17.3. |
| 6 | 11.1 | 12.0 | 13.6 | 16.8 | 19.8 | 22.8 | 24.4 | 24.3 | 23.5 | 22.4 | 21.2 | 19.3 | 19.0 | 18.5 | 18.8 | 18.5 | 18.4 | 17.3 | 16.9 | 16.1 | 15.7 | 15.6 | 12.4 | 12.0 | 17.9. |
| 7 | 11.2 | 11.4 | 13.5 | 15.6 | 18.5 | 22.3 | 24.8 | 25.8 | 24.4 | 22.3 | 20.7 | 20.1 | 19.7 | 19.3 | 19.0 | 18.6 | 17.6 | 16.8 | 16.0 | 15.3 | 15.2 | 15.2 | 19.8 | 17.2 | 18.3. |
| 8 | 11.4 | 10.8 | 10.8 | 17.0 | 18.5 | 20.9 | 23.8 | 24.4 | 24.2 | 23.9 | 21.6 | 18.2 | 19.0 | 19.7 | 20.5 | 19.4 | 18.9 | 18.5 | 17.2 | 16.0 | 14.8 | 13.6 | 12.8 | 13.5 | 17.9. |
| 9 | 11.6 | 13.2 | 13.2 | 15.2 | 19.7 | 22.1 | 24.6 | 25.2 | 21.8 | 19.7 | 17.3 | 13.2 | 16.2 | 16.6 | 18.6 | 18.6 | 18.1 | 17.2 | 19.6 | 16.1 | 15.6 | 14.6 | 13.4 | 11.8 | 17.2. |
| 10 | 11.8 | 12.3 | 14.5 | 16.6 | 18.7 | 20.7 | 22.1 | 21.8 | 21.9 | 20.9 | 19.9 | 17.2 | 14.9 | 17.2 | 18.6 | 18.1 | 18.0 | 17.3 | 17.3 | 16.7 | 16.1 | 15.2 | 13.1 | 11.5 | 17.2. |
| 11 | 11.6 | 12.4 | 14.0 | 17.6 | 20.6 | 22.8 | 24.1 | 23.6 | 21.2 | 17.7 | 17.3 | 17.2 | 17.8 | 16.0 | 16.2 | 17.6 | 18.1 | 17.6 | 17.0 | 16.6 | 16.1 | 15.3 | 13.1 | 13.6 | 17.3. |
| 12 | 14.8 | 14.0 | 15.5 | 18.1 | 21.2 | 22.2 | 23.0 | 24.2 | 24.2 | 21.8 | 19.2 | 17.6 | 18.0 | 17.6 | 17.7 | 18.1 | 18.0 | 17.6 | 17.2 | 16.9 | 16.8 | 14.0 | 12.8 | 11.0 | 18.0. |
| 13 | 10.8 | 11.0 | 12.6 | 15.6 | 18.1 | 20.6 | 22.6 | 22.6 | 23.4 | 20.3 | 18.2 | 17.3 | 18.0 | 16.0 | 17.2 | 17.6 | 17.6 | 16.9 | 16.6 | 15.2 | 14.4 | 14.6 | 13.7 | 10.4 | 16.7. |
| 14 | 10.0 | 10.3 | 12.5 | 17.8 | 21.4 | 23.0 | 24.2 | 24.3 | 23.4 | 21.8 | 19.3 | 17.8 | 18.4 | 18.4 | 18.2 | 18.0 | 17.3 | 16.9 | 16.1 | 15.8 | 16.0 | 15.7 | 13.2 | 10.8 | 17.5. |
| 15 | 10.7 | 10.8 | 12.6 | 16.9 | 19.1 | 20.7 | 21.4 | 21.8 | 21.5 | 20.3 | 18.6 | 18.1 | 18.2 | 18.4 | 18.4 | 18.3 | 18.0 | 17.6 | 16.9 | 16.1 | 15.3 | 15.0 | 13.2 | 12.8 | 17.1. |
| 16 | 13.2 | 12.2 | 13.7 | 16.9 | 19.8 | 22.9 | 24.2 | 23.0 | 21.9 | 20.5 | 18.6 | 18.0 | 17.4 | 18.4 | 18.5 | 18.0 | 17.9 | 17.2 | 16.9 | 16.0 | 16.0 | 15.6 | 14.0 | 11.3 | 17.6. |
| 17 | 8.4 | 10.7 | 9.8 | 2.2 | 22.6 | 25.4 | 28.8 | 28.0 | 25.0 | 22.2 | 23.8 | 22.9 | 19.9 | 14.7 | 17.6 | 14.9 | 14.3 | 18.2 | 13.0 | 10.0 | 14.5 | 15.4 | 13.9 | 15.6 | 17.2. |
| 18 | 12.6 | 13.9 | 15.3 | 18.1 | 21.0 | 23.8 | 25.6 | 25.6 | 24.2 | 21.4 | 15.4 | 14.2 | 12.3 | 13.2 | 14.6 | 15.3 | 14.5 | 15.3 | 17.7 | 17.2 | 16.8 | 16.6 | 15.7 | 16.6 | 17.4. |
| 19 | 14.5 | 15.7 | 14.5 | 14.9 | 17.8 | 21.4 | 24.6 | 25.2 | 24.2 | 20.3 | 15.3 | 16.1 | 15.8 | 15.0 | 15.2 | 17.6 | 17.4 | 18.5 | 18.2 | 17.2 | 17.2 | 16.5 | 14.4 | 11.7 | 17.5. |
| 20 | 10.1 | 10.7 | 12.7 | 15.8 | 19.6 | 23.9 | 25.8 | 26.1 | 24.3 | 21.6 | 18.8 | 16.7 | 17.3 | 17.3 | 17.6 | 18.0 | 18.4 | 18.1 | 17.6 | 17.6 | 16.8 | 16.2 | 14.7 | 12.3 | 17.8. |
| 21 | 10.5 | 10.5 | 12.6 | 15.7 | 18.8 | 22.7 | 25.6 | 26.5 | 25.2 | 22.2 | 19.0 | 17.5 | 17.9 | 18.1 | 18.4 | 18.2 | 17.8 | 17.7 | 18.1 | 18.0 | 17.3 | 17.0 | 14.7 | 11.9 | 18.0. |
| 22 | 9.6 | 9.4 | 10.8 | 14.6 | 19.2 | 23.3 | 25.6 | 24.8 | 22.5 | 20.2 | 17.8 | 16.2 | 14.4 | 16.7 | 17.5 | 18.3 | 17.7 | 17.9 | 17.7 | 18.0 | 16.7 | 15.7 | 14.0 | 11.2 | 17.1. |
| 23 | 10.6 | 11.4 | 13.9 | 17.8 | 22.2 | 24.1 | 25.5 | 25.3 | 24.3 | 22.2 | 19.1 | 16.8 | 16.2 | 16.7 | 17.6 | 18.1 | 18.4 | 17.4 | 17.8 | 17.9 | 17.5 | 16.8 | 14.7 | 12.4 | 18.1. |
| 24 | 11.3 | 11.4 | 13.0 | 16.9 | 20.2 | 22.2 | 23.3 | 22.8 | 20.8 | 18.6 | 17.1 | 16.4 | 16.7 | 17.3 | 17.7 | 18.2 | 18.7 | 20.3 | 20.4 | 19.9 | 19.5 | 19.0 | 17.7 | 14.8 | 18.1. |
| 25 | 13.1 | 13.8 | 14.8 | 16.4 | 17.2 | 18.5 | 18.9 | 18.7 | 18.0 | 17.3 | 15.6 | 14.9 | 15.7 | 16.0 | 16.5 | 16.0 | 16.4 | 19.0 | 19.4 | 19.7 | 18.9 | 17.8 | 15.6 | 14.6 | 16.8. |
| 26 | 14.3 | 15.1 | 15.7 | 18.5 | 21.0 | 22.8 | 22.6 | 21.4 | 19.8 | 18.9 | 19.7 | 18.0 | 14.2 | 13.2 | 16.6 | 16.4 | 15.7 | 17.7 | 18.3 | 18.1 | 17.2 | 16.4 | 15.7 | 14.0 | 17.6. |
| 27 | 15.2 | 15.9 | 16.6 | 18.7 | 20.1 | 21.4 | 22.8 | 23.0 | 22.2 | 19.9 | 18.1 | 17.6 | 17.2 | 16.5 | 13.6 | 13.6 | 15.6 | 15.8 | 15.7 | 16.5 | 16.9 | 16.1 | 14.0 | 13.6 | 17.4. |
| 28 | 13.2 | 14.0 | 16.0 | 17.7 | 19.6 | 21.8 | 22.8 | 21.4 | 20.8 | 20.0 | 19.1 | 18.5 | 18.2 | 18.0 | 17.4 | 14.9 | 16.2 | 16.9 | 16.9 | 15.6 | 15.4 | 15.6 | 12.7 | 12.9 | 17.3. |
| 29 | 12.3 | 13.6 | 14.5 | 18.3 | 22.4 | 23.6 | 23.0 | 22.2 | 21.4 | 19.3 | 18.0 | 16.9 | 16.4 | 17.7 | 17.7 | 19.0 | 17.7 | 17.2 | 17.3 | 16.5 | 16.1 | 15.8 | 15.0 | 13.2 | 17.7. |
| 30 | 13.1 | 15.5 | 18.0 | 19.3 | 20.3 | 20.3 | 20.6 | 20.7 | 19.6 | 19.6 | 18.2 | 17.2 | 16.9 | 17.6 | 18.3 | 18.2 | 18.0 | 17.9 | 17.6 | 17.2 | 17.0 | 16.4 | 15.0 | 13.7 | 17.8. |
| 31 | 12.3 | 11.5 | 12.0 | 14.0 | 17.2 | 19.7 | 23.0 | 24.0 | 22.6 | 21.1 | 18.9 | 18.5 | 16.8 | 16.8 | 16.9 | 17.4 | 17.8 | 15.3 | 13.8 | 16.7 | 16.9 | 15.3 | 14.7 | 13.2 | 16.9. |
| Среднее по всем дням | 11.7 | 12.2 | 13.6 | 16.2 | 19.8 | 22.2 | 23.7 | 23.6 | 22.5 | 20.6 | 18.7 | 17.5 | 17.2 | 17.2 | 17.6 | 17.6 | 17.5 | 17.4 | 17.1 | 16.5 | 16.3 | 15.6 | 14.2 | 12.7 | 17.5 |

Международный год спокойного солнца

Ведомство Академия Наук СССР
Обсерватория Патроны (Эркутск)

Т А Б Л И Ц А
для обработки магнитных вариометров

Обсерватория Патроны
Широта _____
Долгота _____
Вариометр Н-Боброва
Элемент Горизонтальная состн.
Год 1970
Месяц август

Среднемесчн. $H = 19561^*$

Ведомство Академия Наук СССР

Широта

Долгота

Элемент горизонтальная составляющаяОбсерватория Патроны (Иркутск)Месяц август Год 1970 $H = 19450^{\circ} +$ $\delta H = 2.76\% \text{ км } H = 19455^{\circ}$

| Время ми- ровое Дни | | | | | | | | | | | | | | | | | | | | | | | Средн. суточн. | | |
|---------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------------------|-----|------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 19 | 20 | 21 | 22 | 23 | | | |
| 1 | 100 | 82 | 77 | 72 | 82 | 92 | 106 | 118 | 122 | 128 | 128 | 125 | 123 | 124 | 126 | 128 | 133 | 129 | 129 | 128 | 126 | 128 | 126 | 115 | 114. |
| 2 | 102 | 89 | 82 | 81 | 76 | 98 | 119 | 131 | 142 | 128 | 136 | 133 | 136 | 136 | 136 | 136 | 132 | 138 | 136 | 134 | 134 | 134 | 138 | 138 | 123 |
| 3 | 133 | 120 | 105 | 97 | 98 | 112 | 133 | 142 | 144 | 139 | 137 | 134 | 134 | 138 | 130 | 128 | 130 | 130 | 130 | 130 | 130 | 131 | 131 | 123 | 127 |
| 4 | 107 | 100 | 96 | 99 | 104 | 114 | 130 | 140 | 144 | 141 | 138 | 134 | 138 | 138 | 138 | 138 | 133 | 133 | 132 | 132 | 129 | 132 | 127 | 127 | 127 |
| 5 | 114 | 102 | 93 | 98 | 100 | 104 | 115 | 128 | 133 | 132 | 128 | 132 | 132 | 136 | 139 | 138 | 138 | 140 | 144 | 144 | 146 | 148 | 148 | 142 | 128 |
| 6 | 132 | 120 | 109 | 106 | 109 | 117 | 125 | 133 | 147 | 144 | 134 | 146 | 146 | 143 | 146 | 148 | 162 | 156 | 152 | 145 | 153 | 144 | 138 | 131 | 137 |
| 7 | 134 | 123 | 108 | 108 | 116 | 120 | 130 | 133 | 146 | 146 | 148 | 145 | 142 | 148 | 147 | 144 | 136 | 134 | 132 | 132 | 136 | 126 | 128 | 127 | 133 |
| 8 | 106 | 97 | 75 | 70 | 83 | 90 | 99 | 120 | 101 | 86 | 90 | 82 | 94 | 106 | 110 | 104 | 104 | 110 | 115 | 116 | 101 | 92 | 90 | 90 | 97 |
| 9 | 74 | 42 | 60 | 73 | 66 | 65 | 80 | 92 | 103 | 123 | 124 | 113 | 118 | 118 | 118 | 118 | 120 | 121 | 130 | 118 | 116 | 117 | 116 | 105 | 101. |
| 10 | 94 | 86 | 78 | 83 | 94 | 105 | 114 | 122 | 128 | 120 | 117 | 124 | 132 | 124 | 124 | 124 | 124 | 124 | 125 | 123 | 120 | 121 | 116 | 111 | 114 |
| 11 | 98 | 88 | 76 | 74 | 82 | 102 | 116 | 128 | 131 | 132 | 134 | 125 | 124 | 131 | 130 | 126 | 125 | 125 | 126 | 126 | 124 | 124 | 122 | 108 | 116 |
| 12 | 103 | 90 | 80 | 73 | 79 | 93 | 117 | 124 | 125 | 120 | 128 | 125 | 123 | 124 | 125 | 125 | 124 | 126 | 126 | 126 | 128 | 114 | 117 | 114 | 114 |
| 13 | 103 | 90 | 80 | 82 | 90 | 98 | 102 | 125 | 134 | 136 | 130 | 121 | 122 | 132 | 132 | 126 | 127 | 129 | 129 | 131 | 122 | 120 | 126 | 119 | 117 |
| 14 | 110 | 92 | 82 | 78 | 84 | 101 | 120 | 132 | 140 | 137 | 137 | 132 | 132 | 132 | 131 | 131 | 131 | 130 | 128 | 126 | 128 | 128 | 125 | 112 | 120 |
| 15 | 102 | 92 | 82 | 89 | 100 | 108 | 124 | 130 | 134 | 135 | 133 | 130 | 126 | 124 | 126 | 126 | 124 | 128 | 130 | 130 | 128 | 130 | 130 | 126 | 120 |
| 16 | 122 | 114 | 106 | 104 | 104 | 104 | 113 | 125 | 130 | 131 | 131 | 126 | 128 | 128 | 133 | 138 | 140 | 139 | 138 | 135 | 135 | 136 | 159 | 118 | 127 |
| 17 | 134 | 150 | 101 | -12 | -40 | -6 | -70 | 9 | 18 | 1 | 14 | 9 | 55 | 84 | 72 | 59 | 65 | 68 | 63 | 58 | 56 | 63 | 56 | 54 | 44 |
| 18 | 35 | 17 | 25 | 70 | 12 | 33 | 46 | 52 | 62 | 74 | 96 | 72 | 71 | 70 | 73 | 66 | 62 | 92 | 81 | 82 | 80 | 81 | 80 | 74 | 63 |
| 19 | 46 | 60 | 51 | 52 | 52 | 57 | 77 | 93 | 100 | 103 | 108 | 107 | 104 | 108 | 102 | 104 | 102 | 102 | 104 | 108 | 112 | 111 | 113 | 104 | 91 |
| 20 | 84 | 63 | 56 | 53 | 56 | 71 | 88 | 106 | 106 | 105 | 115 | 116 | 109 | 109 | 115 | 115 | 116 | 118 | 118 | 122 | 118 | 124 | 122 | 115 | 101 |
| 21 | 103 | 87 | 73 | 77 | 74 | 84 | 96 | 110 | 122 | 124 | 116 | 115 | 121 | 124 | 124 | 124 | 124 | 120 | 120 | 121 | 120 | 122 | 125 | 122 | 110 |
| 22 | 105 | 97 | 86 | 81 | 78 | 86 | 107 | 126 | 126 | 125 | 127 | 122 | 111 | 116 | 116 | 114 | 110 | 116 | 118 | 119 | 118 | 122 | 124 | 116 | 111 |
| 23 | 93 | 80 | 70 | 66 | 66 | 84 | 103 | 114 | 111 | 110 | 110 | 113 | 114 | 118 | 119 | 122 | 124 | 126 | 122 | 122 | 122 | 126 | 125 | 117 | 107 |
| 24 | 107 | 94 | 80 | 73 | 80 | 87 | 101 | 115 | 123 | 127 | 124 | 121 | 120 | 117 | 117 | 119 | 123 | 123 | 120 | 120 | 120 | 123 | 125 | 122 | 112 |
| 25 | 105 | 97 | 90 | 88 | 90 | 98 | 106 | 116 | 115 | 117 | 115 | 110 | 105 | 100 | 108 | 105 | 110 | 111 | 118 | 124 | 118 | 120 | 121 | 118 | 109 |
| 26 | 104 | 96 | 92 | 87 | 70 | 72 | 94 | 101 | 112 | 103 | 94 | 91 | 110 | 93 | 96 | 96 | 96 | 104 | 118 | 117 | 110 | 111 | 109 | 102 | 99 |
| 27 | 83 | 81 | 78 | 91 | 88 | 78 | 96 | 115 | 120 | 121 | 125 | 121 | 118 | 121 | 118 | 120 | 111 | 114 | 128 | 118 | 123 | 122 | 118 | 112 | 109 |
| 28 | 98 | 92 | 92 | 89 | 102 | 107 | 111 | 129 | 128 | 130 | 129 | 124 | 126 | 128 | 128 | 114 | 107 | 118 | 131 | 116 | 113 | 113 | 115 | 120 | 115 |
| 29 | 104 | 91 | 87 | 70 | 72 | 86 | 113 | 118 | 116 | 116 | 118 | 120 | 110 | 114 | 118 | 126 | 116 | 118 | 118 | 123 | 122 | 126 | 132 | 126 | 111 |
| 30 | 110 | 97 | 95 | 94 | 104 | 111 | 121 | 121 | 119 | 126 | 128 | 124 | 122 | 124 | 126 | 128 | 129 | 132 | 132 | 135 | 132 | 132 | 135 | 132 | 121 |
| 31 | 120 | 110 | 100 | 105 | 116 | 121 | 121 | 124 | 123 | 117 | 115 | 115 | 118 | 113 | 119 | 128 | 120 | 110 | 102 | 104 | 114 | 111 | 116 | 115 | 115 |
| среднее по всем дням | 102 | 92 | 83 | 80 | 80 | 90 | 102 | 115 | 120 | 119 | 120 | 116 | 118 | 120 | 121 | 120 | 119 | 121 | 122 | 121 | 121 | 120 | 121 | 115 | 111 |

Обработал МихаленковаПроверил Брунско

Международный год спокойного солнца

Ведомство Академия Наук СССР
Обсерватория Патроны (Зркутек)

Т А Б Л И Ц А
для обработки магнитных вариометров

Обсерватория Патроны
Широта _____
Долгота _____
Вариометр Z - Боброва
Элемент Вертикальная сост.
Год 1970
Месяц август

Среднемесчн. $Z = 57092^{\ast}$

Ведомство Академия Наук СССР
 Обсерватория Патроны (Циркутск.)
 Месяц август Год 1970

Широта Долгота

Элемент Вертикальная составляющая

$Z = 57050^{\circ}$ $E_2 = 3.00^{\circ}/мм Z = 57054^{\circ}$

| Время ми- ровое Дни | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 19 | 20 | 21 | 22 | 23 | Средн. суточн. | | | | | |
|---------------------------|----|----|----|----|----|----|----|----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------------------|----|----|----|----|----|
| 1 | 40 | 36 | 29 | 26 | 31 | 36 | 40 | 44 | 49 | 49 | 49 | 47 | 46 | 46 | 45 | 46 | 46 | 46 | 46 | 46 | 48 | 52 | 50 | 43 | | | | |
| 2 | 44 | 42 | 39 | 39 | 37 | 40 | 46 | 46 | 44 | 44 | 49 | 48 | 45 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 45 | 44 | 40 | 44 | | | |
| 3 | 41 | 40 | 32 | 26 | 22 | 24 | 26 | 31 | 33 | 35 | 38 | 38 | 38 | 40 | 40 | 43 | 44 | 44 | 44 | 44 | 43 | 45 | 46 | 43 | 38 | | | |
| 4 | 45 | 44 | 42 | 39 | 36 | 37 | 36 | 38 | 40 | 44 | 46 | 43 | 42 | 42 | 43 | 42 | 42 | 42 | 42 | 42 | 44 | 44 | 46 | 44 | 42 | | | |
| 5 | 39 | 34 | 30 | 33 | 34 | 34 | 38 | 40 | 44 | 42 | 42 | 40 | 40 | 41 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 44 | 45 | 39 | | | |
| 6 | 43 | 38 | 34 | 30 | 23 | 26 | 30 | 30 | 35 | 44 | 44 | 43 | 39 | 38 | 38 | 38 | 39 | 39 | 39 | 39 | 38 | 38 | 38 | 38 | 37 | | | |
| 7 | 29 | 27 | 26 | 20 | 14 | 13 | 21 | 26 | 32 | 30 | 31 | 33 | 36 | 37 | 38 | 40 | 40 | 40 | 40 | 40 | 40 | 41 | 39 | 38 | 35 | 32 | | |
| 8 | 33 | 32 | 29 | 30 | 33 | 30 | 28 | 36 | 51 | 70 | 82 | 82 | 69 | 58 | 54 | 54 | 53 | 52 | 52 | 52 | 52 | 50 | 52 | 50 | 49 | | | |
| 9 | 40 | 36 | 38 | 35 | 28 | 28 | 34 | 43 | 48 | 49 | 51 | 55 | 51 | 49 | 47 | 47 | 47 | 47 | 47 | 47 | 46 | 47 | 47 | 46 | 44 | | | |
| 10 | 42 | 42 | 41 | 34 | 32 | 32 | 34 | 40 | 46 | 44 | 44 | 46 | 46 | 42 | 42 | 43 | 43 | 43 | 43 | 43 | 43 | 47 | 48 | 46 | 42 | | | |
| 11 | 43 | 42 | 40 | 35 | 33 | 35 | 39 | 41 | 47 | 49 | 52 | 45 | 42 | 43 | 42 | 41 | 42 | 42 | 42 | 42 | 41 | 43 | 46 | 45 | 42 | | | |
| 12 | 42 | 36 | 30 | 29 | 29 | 31 | 33 | 39 | 43 | 44 | 43 | 43 | 42 | 42 | 41 | 40 | 40 | 41 | 41 | 41 | 41 | 42 | 45 | 43 | 39 | | | |
| 13 | 39 | 33 | 30 | 30 | 30 | 31 | 35 | 40 | 42 | 44 | 47 | 42 | 42 | 43 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 39 | 38 | 36 | 30 | 38 | | |
| 14 | 30 | 24 | 18 | 17 | 19 | 30 | 33 | 33 | 39 | 39 | 42 | 42 | 41 | 40 | 39 | 39 | 39 | 40 | 40 | 40 | 40 | 42 | 42 | 42 | 42 | 35 | | |
| 15 | 40 | 36 | 36 | 32 | 32 | 36 | 40 | 38 | 36 | 40 | 43 | 40 | 39 | 38 | 38 | 36 | 37 | 38 | 38 | 38 | 38 | 39 | 38 | 38 | 38 | 38 | | |
| 16 | 38 | 35 | 26 | 18 | 22 | 26 | 30 | 34 | 34 | 36 | 35 | 36 | 38 | 38 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 41 | 38 | 31 | 35 | | | |
| 17 | 34 | 26 | 24 | 18 | 40 | 56 | 61 | 77 | 100 | 90 | 91 | 84 | 74 | 67 | 60 | 59 | 54 | 40 | 40 | 40 | 42 | 42 | 49 | 54 | 50 | 56 | | |
| 18 | 48 | 43 | 36 | 31 | 27 | 30 | 34 | 42 | 48 | 54 | 70 | 70 | 72 | 64 | 60 | 54 | 55 | 44 | 44 | 44 | 43 | 48 | 49 | 52 | 54 | 50 | 49 | |
| 19 | 48 | 46 | 38 | 30 | 26 | 28 | 29 | 34 | 43 | 50 | 58 | 54 | 50 | 48 | 48 | 48 | 48 | 48 | 48 | 48 | 46 | 46 | 46 | 48 | 51 | 51 | 44 | |
| 20 | 54 | 54 | 46 | 40 | 40 | 37 | 42 | 46 | 52 | 54 | 55 | 52 | 48 | 48 | 46 | 46 | 44 | 44 | 44 | 44 | 44 | 44 | 46 | 49 | 50 | 47 | | |
| 21 | 48 | 46 | 45 | 40 | 40 | 43 | 48 | 50 | 50 | 53 | 52 | 49 | 48 | 44 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 44 | 46 | 49 | 52 | 46 | |
| 22 | 51 | 48 | 41 | 34 | 30 | 30 | 35 | 42 | 46 | 50 | 49 | 48 | 46 | 44 | 45 | 45 | 45 | 44 | 44 | 44 | 44 | 44 | 44 | 46 | 44 | 43 | | |
| 23 | 37 | 33 | 30 | 29 | 31 | 34 | 36 | 42 | 46 | 52 | 54 | 51 | 46 | 45 | 44 | 42 | 42 | 42 | 42 | 42 | 40 | 42 | 42 | 44 | 48 | 48 | 42 | |
| 24 | 46 | 44 | 40 | 35 | 35 | 32 | 36 | 40 | 42 | 42 | 40 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 40 | 40 | 43 | 44 | 44 | 39 |
| 25 | 44 | 42 | 44 | 44 | 44 | 46 | 48 | 52 | 52 | 52 | 54 | 52 | 50 | 48 | 48 | 47 | 45 | 43 | 43 | 43 | 45 | 43 | 46 | 46 | 44 | 44 | 47 | |
| 26 | 39 | 36 | 30 | 24 | 24 | 28 | 34 | 40 | 48 | 55 | 60 | 61 | 58 | 54 | 52 | 50 | 51 | 50 | 50 | 50 | 49 | 44 | 45 | 46 | 48 | 45 | 45 | |
| 27 | 42 | 37 | 36 | 37 | 36 | 39 | 44 | 40 | 39 | 43 | 46 | 44 | 44 | 44 | 45 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 42 | 42 | 39 | 42 | |
| 28 | 36 | 34 | 33 | 37 | 36 | 36 | 36 | 40 | 40 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 44 | 44 | 44 | 44 | 42 | 38 | 40 | 40 | 42 | 41 | 40 | |
| 29 | 36 | 32 | 33 | 32 | 36 | 36 | 36 | 38 | 43 | 44 | 47 | 47 | 46 | 45 | 45 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 43 | 44 | 44 | 43 | 41 | |
| 30 | 42 | 38 | 36 | 38 | 40 | 42 | 42 | 44 | 46 | 43 | 44 | 44 | 43 | 43 | 43 | 42 | 43 | 42 | 42 | 42 | 42 | 42 | 40 | 42 | 43 | 44 | 42 | |
| 31 | 46 | 42 | 40 | 37 | 32 | 26 | 31 | 38 | 44 | 48 | 44 | 43 | 44 | 45 | 46 | 44 | 44 | 43 | 43 | 43 | 42 | 40 | 43 | 46 | 43 | 41 | | |
| Среднее по всем дням | 41 | 38 | 35 | 32 | 31 | 33 | 37 | 41 | 45 | 48 | 50 | 48 | 47 | 45 | 44 | 44 | 44 | 43 | 43 | 42 | 43 | 44 | 45 | 44 | 44 | 42 | | |

Обработал Михаленкова

Проверил Брунко

Международный год спокойного солнца

Ведомство Академия Наук СССР
Обсерватория Латроны (Циркутск)

Т А Б Л И Ц А
для обработки магнитных вариометров

Обсерватория _____
Широта _____
Долгота _____
Вариометр Д-Боброва
Элемент склонение
Год 1970
Месяц сентябрь

Среднемесчн. - $2^{\circ}17.4'$

Ведомство Академия Наук СССР

Широта

Долгота

Элемент СКЛОНЕНИЕ

Обсерватория Латроны (Циркутск)

Месяц сентябрь Год 1970

$D = -2^{\circ}00'00''$

$\epsilon_D = 0.408/\text{мм } D = -2^{\circ}27'1''$

| Время ми- ровое дни | | | | | | | | | | | | | | | | | | | | | | | Средн. суточн. | | |
|---------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------------------|------|------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 19 | 20 | 21 | 22 | 23 | | | |
| 1 | 12.8 | 12.8 | 13.6 | 15.2 | 17.4 | 20.3 | 23.0 | 23.5 | 23.2 | 21.0 | 18.5 | 20.7 | 19.5 | 19.9 | 17.6 | 14.0 | 16.6 | 16.6 | 13.9 | 16.2 | 14.6 | 13.0 | 12.9 | 13.0 | 17.1 |
| 2 | 12.9 | 12.8 | 14.6 | 16.3 | 18.7 | 21.6 | 23.8 | 24.4 | 23.4 | 22.4 | 21.2 | 19.2 | 17.9 | 15.9 | 16.8 | 16.2 | 16.4 | 18.4 | 15.6 | 15.6 | 16.1 | 17.0 | 16.0 | 13.2 | 17.8 |
| 3 | 11.4 | 10.7 | 11.7 | 14.0 | 18.4 | 20.4 | 22.8 | 24.8 | 23.6 | 22.4 | 20.2 | 16.8 | 15.7 | 17.6 | 19.2 | 16.8 | 16.0 | 16.3 | 16.7 | 16.2 | 15.6 | 17.4 | 15.1 | 12.0 | 17.2 |
| 4 | 9.0 | 10.5 | 12.1 | 15.3 | 18.6 | 21.5 | 24.4 | 24.4 | 23.3 | 21.2 | 18.7 | 18.3 | 17.0 | 17.6 | 18.0 | 17.2 | 16.3 | 17.0 | 17.0 | 16.3 | 17.6 | 16.7 | 14.7 | 12.7 | 17.3 |
| 5 | 12.2 | 11.3 | 12.9 | 14.7 | 18.9 | 23.0 | 24.3 | 24.5 | 23.0 | 20.8 | 18.5 | 17.6 | 17.5 | 17.4 | 18.4 | 16.4 | 16.3 | 16.4 | 16.8 | 17.0 | 15.7 | 14.8 | 15.8 | 13.4 | 17.4 |
| 6 | 11.7 | 11.9 | 13.3 | 15.3 | 18.0 | 20.1 | 21.2 | 21.4 | 21.2 | 19.5 | 18.3 | 17.6 | 18.2 | 18.1 | 17.6 | 16.4 | 16.4 | 16.8 | 17.2 | 15.1 | 15.0 | 15.0 | 15.6 | 14.0 | 16.9 |
| 7 | 12.4 | 13.1 | 14.2 | 15.8 | 18.2 | 21.0 | 21.6 | 21.5 | 20.5 | 19.1 | 18.2 | 17.6 | 16.8 | 17.6 | 18.2 | 18.0 | 17.6 | 17.1 | 16.9 | 16.8 | 16.3 | 16.3 | 14.4 | 13.6 | 17.2 |
| 8 | 12.8 | 13.1 | 14.2 | 15.9 | 17.2 | 18.9 | 21.2 | 22.5 | 21.7 | 20.4 | 20.2 | 19.1 | 18.2 | 17.6 | 14.4 | 15.7 | 15.9 | 15.4 | 17.0 | 15.5 | 15.4 | 15.8 | 15.2 | 13.6 | 17.0 |
| 9 | 12.2 | 12.0 | 13.6 | 16.0 | 19.0 | 21.6 | 22.7 | 23.5 | 23.0 | 20.8 | 19.6 | 18.8 | 18.4 | 18.4 | 18.1 | 17.4 | 16.8 | 16.6 | 17.0 | 17.1 | 18.4 | 17.0 | 15.8 | 14.9 | 17.9 |
| 10 | 12.6 | 13.7 | 15.0 | 16.6 | 19.6 | 21.5 | 22.6 | 23.1 | 22.2 | 20.9 | 18.8 | 17.8 | 17.8 | 18.0 | 18.0 | 17.6 | 17.2 | 17.2 | 17.0 | 17.0 | 17.0 | 17.2 | 17.0 | 15.6 | 18.0 |
| 11 | 13.7 | 13.2 | 13.8 | 15.0 | 17.0 | 19.0 | 20.7 | 21.0 | 19.9 | 18.5 | 18.0 | 18.0 | 17.8 | 17.6 | 17.7 | 17.2 | 16.9 | 16.8 | 16.8 | 16.4 | 16.3 | 16.3 | 15.8 | 14.0 | 17.0 |
| 12 | 12.9 | 12.6 | 13.9 | 15.4 | 17.9 | 19.6 | 20.3 | 20.3 | 19.4 | 19.8 | 19.1 | 18.8 | 18.4 | 18.2 | 18.0 | 17.6 | 17.2 | 17.2 | 16.6 | 16.8 | 16.6 | 16.2 | 15.4 | 14.1 | 17.2 |
| 13 | 12.8 | 13.5 | 15.6 | 18.6 | 20.6 | 21.9 | 21.4 | 19.6 | 19.3 | 17.3 | 16.4 | 17.8 | 18.8 | 14.9 | 16.8 | 18.0 | 15.0 | 16.2 | 15.9 | 16.9 | 18.7 | 15.9 | 15.5 | 18.4 | 17.3 |
| 14 | 13.8 | 13.9 | 18.0 | 20.8 | 22.2 | 22.6 | 22.6 | 21.4 | 19.7 | 19.3 | 18.8 | 12.4 | 15.5 | 16.2 | 16.3 | 13.8 | 15.9 | 16.3 | 17.2 | 19.0 | 17.2 | 14.9 | 15.1 | 13.8 | 17.4 |
| 15 | 15.6 | 17.2 | 21.3 | 21.6 | 22.8 | 22.8 | 22.8 | 21.5 | 20.2 | 18.8 | 17.7 | 16.0 | 16.8 | 17.6 | 17.9 | 17.9 | 17.6 | 17.2 | 16.6 | 16.6 | 16.4 | 16.9 | 16.0 | 13.9 | 18.3 |
| 16 | 13.4 | 14.3 | 17.2 | 18.9 | 20.8 | 22.4 | 22.8 | 21.2 | 19.3 | 18.9 | 17.5 | 16.9 | 15.2 | 16.8 | 17.5 | 17.9 | 17.8 | 17.3 | 17.2 | 17.1 | 16.9 | 16.5 | 16.0 | 14.8 | 17.7 |
| 17 | 13.9 | 14.0 | 16.4 | 18.8 | 20.2 | 20.8 | 21.2 | 21.6 | 20.6 | 18.7 | 18.3 | 18.4 | 17.6 | 18.0 | 17.6 | 16.6 | 18.2 | 17.1 | 16.4 | 16.5 | 16.4 | 16.3 | 16.6 | 15.0 | 17.7 |
| 18 | 13.9 | 15.1 | 16.9 | 19.0 | 20.8 | 20.3 | 20.5 | 19.5 | 19.2 | 19.6 | 18.5 | 18.4 | 17.6 | 17.5 | 17.0 | 15.4 | 17.2 | 17.4 | 15.6 | 16.7 | 16.9 | 17.1 | 16.4 | 14.3 | 17.5 |
| 19 | 13.5 | 13.4 | 15.5 | 16.4 | 18.6 | 21.2 | 23.1 | 21.5 | 20.5 | 20.2 | 21.6 | 18.9 | 16.9 | 16.2 | 16.0 | 16.4 | 16.0 | 16.9 | 15.0 | 17.8 | 14.3 | 15.8 | 17.1 | 15.2 | 17.4 |
| 20 | 13.4 | 13.2 | 15.0 | 17.0 | 19.0 | 20.9 | 21.8 | 21.8 | 21.5 | 17.3 | 18.5 | 18.0 | 17.1 | 16.2 | 16.0 | 17.3 | 17.6 | 16.4 | 16.4 | 16.7 | 17.2 | 16.3 | 16.0 | 18.3 | 17.5 |
| 21 | 16.1 | 15.9 | 16.8 | 16.3 | 17.7 | 19.7 | 21.0 | 21.5 | 20.2 | 20.7 | 19.2 | 17.5 | 12.4 | 13.2 | 16.3 | 15.7 | 16.2 | 16.8 | 21.0 | 16.7 | 15.5 | 15.1 | 15.8 | 14.7 | 17.2 |
| 22 | 13.7 | 14.4 | 15.3 | 17.5 | 19.3 | 21.2 | 21.8 | 21.7 | 20.6 | 18.6 | 18.2 | 18.0 | 17.2 | 17.2 | 17.2 | 17.7 | 16.5 | 15.1 | 16.5 | 16.1 | 16.7 | 16.7 | 17.1 | 15.6 | 17.5 |
| 23 | 13.7 | 13.6 | 13.5 | 14.4 | 16.6 | 19.7 | 22.1 | 21.7 | 20.4 | 17.2 | 17.2 | 18.5 | 17.3 | 17.7 | 17.8 | 17.9 | 17.5 | 17.7 | 17.1 | 16.9 | 16.9 | 16.6 | 16.2 | 14.5 | 17.2 |
| 24 | 13.6 | 12.8 | 13.1 | 15.3 | 18.5 | 21.4 | 22.6 | 21.8 | 20.7 | 19.5 | 19.2 | 18.9 | 18.3 | 17.7 | 17.8 | 17.7 | 17.7 | 17.7 | 17.2 | 18.1 | 16.6 | 16.4 | 16.5 | 15.6 | 17.7 |
| 25 | 13.8 | 12.6 | 12.7 | 14.5 | 18.4 | 21.6 | 21.7 | 21.9 | 20.3 | 19.2 | 19.0 | 18.4 | 18.1 | 18.2 | 17.6 | 16.9 | 16.9 | 16.8 | 14.7 | 15.3 | 16.2 | 16.0 | 16.3 | 14.9 | 17.2 |
| 26 | 13.0 | 12.5 | 13.1 | 14.8 | 17.4 | 18.7 | 20.5 | 21.4 | 21.4 | 20.7 | 19.8 | 19.5 | 18.6 | 18.7 | 18.3 | 17.6 | 16.5 | 16.4 | 16.6 | 16.7 | 16.9 | 16.7 | 17.1 | 17.5 | 17.5 |
| 27 | 17.3 | 17.7 | 15.9 | 16.0 | 17.2 | 19.6 | 20.8 | 22.4 | 20.0 | 19.5 | 18.3 | 18.7 | 18.2 | 17.0 | 14.9 | 13.1 | 16.3 | 14.6 | 14.5 | 14.3 | 16.0 | 16.6 | 19.0 | 20.4 | 17.4 |
| 28 | 17.1 | 14.7 | 13.7 | 15.0 | 16.9 | 18.5 | 20.1 | 21.6 | 21.8 | 20.4 | 19.2 | 19.0 | 18.7 | 18.3 | 18.0 | 17.6 | 17.4 | 17.0 | 16.6 | 16.3 | 16.4 | 16.1 | 16.6 | 16.0 | 17.6 |
| 29 | 14.5 | 13.0 | 12.8 | 13.7 | 15.6 | 17.9 | 19.3 | 21.4 | 22.1 | 20.8 | 19.1 | 18.5 | 18.0 | 18.0 | 17.8 | 17.6 | 17.5 | 17.1 | 17.0 | 16.7 | 16.7 | 16.9 | 16.8 | 16.6 | 17.4 |
| 30 | 14.4 | 12.7 | 12.6 | 13.2 | 16.9 | 18.0 | 19.5 | 21.7 | 21.8 | 20.8 | 19.3 | 19.1 | 18.4 | 18.3 | 17.7 | 17.6 | 17.2 | 16.3 | 16.0 | 16.3 | 15.9 | 16.4 | 16.8 | 16.3 | 17.2 |
| 31 | | | | | | | | | | | | | | | | | | | 16.6 | 16.6 | 16.4 | 16.2 | 16.0 | 15.0 | 17.4 |

Среднее по
всем дням

Международный год спокойного солнца

Ведомство Академия Наук СССР
Обсерватория Лапроны (Цркутск)

Т А Б Л И Ц А
для обработки магнитных вариометров

Обсерватория _____
Широта _____
Долгота _____
Вариометр Н-Боброва
Элемент Горизонтальная составл.
Год 1970
Месяц сентябрь

Среднемесчн. 19566⁸

Ведомство Академия Наук СССР

Широта

Долгота

Элемент горизонтальная составляющая

Обсерватория

Месяц сентябрь Год 1970

$H = 19450^{\text{м}}$

$\epsilon_H = 2.76/\text{мм} H_0 = 19454^{\text{м}}$

| Время мировое дни | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 19 | 20 | 21 | 22 | 23 | Средн. суточн. | | |
|----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----------------|-----|-----|
| 1 | 109 | 100 | 92 | 92 | 95 | 101 | 106 | 102 | 104 | 99 | 88 | 92 | 123 | 142 | 119 | 110 | 118 | 118 | 111 | 105 | 122 | 112 | 99 | 94 | 106 |
| 2 | 83 | 76 | 72 | 66 | 75 | 84 | 104 | 118 | 131 | 137 | 104 | 102 | 115 | 132 | 120 | 114 | 118 | 126 | 123 | 109 | 114 | 111 | 114 | 114 | 107 |
| 3 | 108 | 95 | 82 | 64 | 65 | 92 | 103 | 119 | 114 | 104 | 105 | 112 | 95 | 115 | 118 | 120 | 114 | 119 | 122 | 118 | 118 | 120 | 123 | 109 | 106 |
| 4 | 105 | 92 | 86 | 88 | 92 | 102 | 116 | 112 | 126 | 128 | 127 | 128 | 112 | 126 | 126 | 130 | 138 | 122 | 120 | 118 | 118 | 122 | 118 | 113 | 115 |
| 5 | 99 | 87 | 77 | 76 | 84 | 92 | 113 | 128 | 138 | 139 | 134 | 131 | 132 | 130 | 131 | 143 | 127 | 119 | 121 | 124 | 118 | 119 | 119 | 118 | 117 |
| 6 | 109 | 100 | 89 | 84 | 90 | 102 | 114 | 128 | 139 | 137 | 134 | 132 | 133 | 133 | 133 | 129 | 128 | 130 | 136 | 126 | 126 | 126 | 128 | 120 | 121 |
| 7 | 113 | 104 | 96 | 88 | 94 | 106 | 116 | 130 | 134 | 137 | 132 | 134 | 132 | 136 | 134 | 131 | 136 | 136 | 137 | 136 | 129 | 128 | 126 | 124 | 124 |
| 8 | 112 | 99 | 95 | 102 | 106 | 112 | 112 | 124 | 130 | 132 | 139 | 133 | 134 | 138 | 130 | 137 | 125 | 127 | 127 | 127 | 118 | 125 | 126 | 122 | 122 |
| 9 | 114 | 102 | 98 | 96 | 99 | 107 | 118 | 134 | 138 | 135 | 132 | 129 | 127 | 128 | 130 | 134 | 131 | 130 | 128 | 127 | 134 | 134 | 134 | 130 | 124 |
| 10 | 108 | 99 | 91 | 80 | 76 | 90 | 102 | 118 | 127 | 131 | 124 | 122 | 124 | 124 | 124 | 123 | 127 | 123 | 123 | 124 | 124 | 127 | 130 | 128 | 115 |
| 11 | 117 | 106 | 92 | 91 | 95 | 102 | 113 | 126 | 133 | 134 | 130 | 128 | 128 | 128 | 127 | 128 | 128 | 130 | 130 | 133 | 134 | 134 | 136 | 136 | 122 |
| 12 | 124 | 108 | 102 | 97 | 93 | 94 | 110 | 117 | 116 | 133 | 134 | 134 | 133 | 134 | 134 | 134 | 138 | 140 | 138 | 138 | 134 | 132 | 134 | 127 | 124 |
| 13 | 116 | 104 | 96 | 98 | 113 | 103 | 113 | 120 | 105 | 86 | 73 | 86 | 79 | 75 | 86 | 108 | 120 | 120 | 119 | 120 | 134 | 121 | 111 | 107 | 105 |
| 14 | 91 | 72 | 60 | 78 | 96 | 108 | 118 | 124 | 118 | 117 | 114 | 94 | 95 | 95 | 111 | 84 | 95 | 109 | 118 | 124 | 123 | 112 | 109 | 106 | 103 |
| 15 | 85 | 79 | 66 | 84 | 91 | 104 | 106 | 116 | 127 | 124 | 112 | 112 | 108 | 109 | 118 | 119 | 122 | 124 | 124 | 118 | 120 | 120 | 122 | 114 | 109 |
| 16 | 103 | 92 | 84 | 90 | 92 | 92 | 106 | 110 | 120 | 124 | 122 | 120 | 127 | 128 | 124 | 124 | 128 | 126 | 131 | 126 | 123 | 120 | 124 | 122 | 115 |
| 17 | 110 | 97 | 84 | 93 | 104 | 108 | 108 | 119 | 124 | 129 | 128 | 124 | 124 | 124 | 126 | 134 | 138 | 132 | 128 | 126 | 129 | 127 | 126 | 122 | 119 |
| 18 | 110 | 98 | 91 | 90 | 102 | 114 | 120 | 118 | 114 | 119 | 120 | 128 | 126 | 128 | 122 | 129 | 126 | 129 | 135 | 125 | 128 | 128 | 126 | 122 | 119 |
| 19 | 110 | 97 | 89 | 86 | 89 | 78 | 92 | 104 | 104 | 100 | 98 | 106 | 134 | 128 | 116 | 114 | 128 | 134 | 123 | 130 | 122 | 117 | 116 | 118 | 110 |
| 20 | 111 | 98 | 90 | 91 | 98 | 84 | 98 | 116 | 116 | 103 | 116 | 110 | 108 | 116 | 106 | 113 | 120 | 133 | 127 | 125 | 124 | 127 | 128 | 118 | 112 |
| 21 | 116 | 100 | 92 | 92 | 100 | 90 | 98 | 90 | 88 | 108 | 120 | 117 | 108 | 106 | 100 | 95 | 112 | 124 | 128 | 124 | 118 | 120 | 119 | 116 | 108 |
| 22 | 111 | 94 | 87 | 89 | 84 | 92 | 112 | 120 | 123 | 117 | 114 | 123 | 120 | 123 | 130 | 126 | 124 | 123 | 124 | 124 | 126 | 123 | 124 | 126 | 115 |
| 23 | 116 | 110 | 99 | 94 | 95 | 102 | 109 | 114 | 119 | 110 | 106 | 112 | 116 | 115 | 121 | 123 | 129 | 132 | 126 | 124 | 123 | 124 | 126 | 119 | 115 |
| 24 | 103 | 92 | 84 | 80 | 86 | 96 | 109 | 112 | 118 | 115 | 124 | 128 | 126 | 126 | 128 | 129 | 133 | 132 | 132 | 142 | 132 | 132 | 129 | 128 | 117 |
| 25 | 120 | 110 | 98 | 90 | 88 | 96 | 100 | 121 | 117 | 118 | 120 | 125 | 129 | 132 | 130 | 128 | 131 | 132 | 129 | 123 | 127 | 130 | 133 | 133 | 119 |
| 26 | 122 | 112 | 98 | 87 | 92 | 100 | 109 | 114 | 123 | 124 | 128 | 134 | 136 | 136 | 140 | 139 | 148 | 143 | 142 | 141 | 144 | 144 | 146 | 143 | 127 |
| 27 | 137 | 130 | 102 | 90 | 80 | 86 | 92 | 95 | 102 | 113 | 103 | 96 | 102 | 112 | 107 | 104 | 129 | 120 | 118 | 123 | 116 | 121 | 122 | 132 | 110 |
| 28 | 118 | 106 | 99 | 90 | 84 | 96 | 106 | 114 | 119 | 122 | 126 | 127 | 126 | 124 | 126 | 126 | 131 | 132 | 131 | 130 | 132 | 132 | 134 | 133 | 119 |
| 29 | 124 | 118 | 109 | 108 | 112 | 108 | 110 | 117 | 117 | 125 | 128 | 126 | 131 | 132 | 136 | 134 | 136 | 137 | 137 | 137 | 136 | 138 | 142 | 147 | 127 |
| 30 | 144 | 136 | 118 | 112 | 114 | 116 | 128 | 130 | 136 | 136 | 136 | 142 | 146 | 146 | 143 | 117 | 147 | 142 | 142 | 138 | 136 | 134 | 139 | 135 | 135 |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Среднее по всем дням | 112 | 100 | 91 | 89 | 93 | 99 | 109 | 117 | 121 | 121 | 119 | 120 | 121 | 124 | 123 | 124 | 128 | 128 | 128 | 126 | 126 | 125 | 125 | 123 | 116 |

Обработал Матковская

Проверил Брицко

Международный год спокойного солнца

Ведомство Академия Наук СССР
Обсерватория Паллоны (Циркутск)

Т А Б Л И Ц А для обработки магнитных вариометров

Обсерватория _____
Широта _____
Долгота _____
Вариометр Z - Боброва
Элемент Вертикальная составн.
Год 1970
Месяц сентябрь

Среднемесчн. 57087⁸

Вед.мство Академия наук СССР

Широта

Долгота

Элемент Вертикальная составляющ.

Обсерватория Латроны (Иркутск)

Месяц сентябрь Год 1970

$Z = 57050^{\circ}$

$\epsilon_z = 3.00^{\circ}/\text{мм}$ $Z_0 = 57054^{\circ}$

| Время ми- ровое Дни | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 19 | 20 | 21 | 22 | 23 | Средн. суточн. | | | |
|---------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------------------|----|----|----|
| 1 | 42 | 37 | 33 | 34 | 34 | 32 | 31 | 36 | 42 | 48 | 58 | 58 | 54 | 50 | 48 | 50 | 46 | 44 | 42 | 38 | 40 | 43 | 41 | 43 | | |
| 2 | 37 | 36 | 32 | 32 | 34 | 34 | 30 | 32 | 38 | 44 | 52 | 54 | 50 | 47 | 44 | 45 | 44 | 44 | 38 | 41 | 42 | 42 | 44 | 46 | 41 | |
| 3 | 49 | 48 | 43 | 42 | 42 | 41 | 38 | 38 | 44 | 50 | 54 | 56 | 55 | 50 | 48 | 46 | 46 | 46 | 44 | 43 | 43 | 42 | 41 | 41 | 45 | |
| 4 | 40 | 36 | 36 | 38 | 42 | 40 | 38 | 40 | 43 | 43 | 44 | 44 | 43 | 43 | 42 | 42 | 38 | 38 | 40 | 40 | 39 | 38 | 41 | 41 | 40 | |
| 5 | 40 | 37 | 32 | 28 | 30 | 32 | 33 | 34 | 38 | 44 | 43 | 40 | 38 | 38 | 40 | 38 | 36 | 39 | 39 | 38 | 38 | 40 | 40 | 40 | 37 | |
| 6 | 39 | 36 | 34 | 34 | 34 | 34 | 37 | 37 | 37 | 38 | 38 | 38 | 37 | 38 | 38 | 38 | 38 | 39 | 38 | 37 | 38 | 38 | 42 | 42 | 37 | |
| 7 | 42 | 40 | 38 | 32 | 28 | 30 | 35 | 40 | 41 | 40 | 38 | 38 | 38 | 38 | 37 | 38 | 38 | 38 | 38 | 38 | 36 | 36 | 37 | 37 | 37 | |
| 8 | 36 | 36 | 36 | 34 | 29 | 30 | 28 | 32 | 32 | 34 | 36 | 36 | 36 | 38 | 36 | 37 | 35 | 38 | 38 | 36 | 36 | 36 | 39 | 40 | 35 | |
| 9 | 40 | 37 | 36 | 36 | 34 | 32 | 32 | 34 | 34 | 34 | 36 | 36 | 37 | 37 | 37 | 37 | 38 | 37 | 36 | 36 | 34 | 30 | 31 | 35 | 35 | |
| 10 | 36 | 38 | 41 | 38 | 36 | 36 | 33 | 33 | 36 | 38 | 40 | 36 | 38 | 38 | 38 | 38 | 38 | 37 | 37 | 37 | 37 | 38 | 40 | 40 | 37 | |
| 11 | 44 | 42 | 37 | 37 | 34 | 31 | 34 | 32 | 36 | 37 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 35 | 36 | 35 | 35 | 37 | 39 | 36 | |
| 12 | 38 | 35 | 30 | 26 | 25 | 24 | 26 | 30 | 35 | 36 | 35 | 34 | 34 | 34 | 34 | 35 | 36 | 35 | 33 | 33 | 33 | 34 | 36 | 37 | 33 | |
| 13 | 35 | 34 | 33 | 31 | 30 | 33 | 36 | 38 | 40 | 45 | 48 | 50 | 52 | 55 | 54 | 49 | 46 | 39 | 42 | 40 | 33 | 30 | 32 | 30 | 40 | |
| 14 | 32 | 30 | 30 | 32 | 30 | 30 | 34 | 36 | 36 | 39 | 40 | 44 | 43 | 46 | 38 | 40 | 42 | 43 | 39 | 38 | 34 | 34 | 38 | 40 | 37 | |
| 15 | 38 | 38 | 36 | 38 | 36 | 38 | 42 | 44 | 44 | 42 | 42 | 42 | 42 | 42 | 42 | 40 | 40 | 40 | 38 | 38 | 38 | 38 | 38 | 42 | 40 | |
| 16 | 38 | 35 | 32 | 30 | 30 | 34 | 36 | 36 | 40 | 42 | 43 | 42 | 41 | 38 | 38 | 38 | 38 | 38 | 37 | 36 | 36 | 36 | 38 | 38 | 37 | |
| 17 | 38 | 32 | 30 | 31 | 32 | 32 | 34 | 38 | 38 | 38 | 39 | 38 | 38 | 38 | 38 | 37 | 36 | 36 | 36 | 38 | 36 | 36 | 38 | 38 | 36 | |
| 18 | 37 | 37 | 38 | 33 | 32 | 33 | 37 | 40 | 41 | 36 | 38 | 39 | 38 | 38 | 38 | 36 | 37 | 38 | 35 | 36 | 36 | 35 | 35 | 36 | 37 | |
| 19 | 36 | 33 | 32 | 30 | 27 | 24 | 29 | 29 | 34 | 37 | 43 | 44 | 42 | 38 | 40 | 40 | 38 | 33 | 32 | 29 | 28 | 30 | 33 | 34 | 34 | |
| 20 | 34 | 32 | 33 | 30 | 25 | 22 | 30 | 31 | 36 | 36 | 42 | 42 | 40 | 41 | 39 | 40 | 38 | 36 | 36 | 32 | 33 | 36 | 36 | 37 | 36 | 35 |
| 21 | 34 | 32 | 30 | 28 | 25 | 25 | 28 | 31 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 43 | 43 | 38 | 31 | 30 | 32 | 34 | 37 | 39 | 36 | |
| 22 | 39 | 34 | 33 | 35 | 39 | 42 | 41 | 42 | 43 | 43 | 43 | 42 | 40 | 40 | 38 | 38 | 38 | 38 | 34 | 34 | 36 | 36 | 37 | 40 | 39 | |
| 23 | 40 | 39 | 32 | 32 | 29 | 27 | 34 | 35 | 39 | 41 | 43 | 42 | 42 | 40 | 40 | 38 | 38 | 36 | 35 | 36 | 36 | 36 | 38 | 42 | 37 | |
| 24 | 41 | 38 | 36 | 29 | 26 | 30 | 30 | 34 | 38 | 40 | 38 | 38 | 37 | 36 | 37 | 36 | 37 | 37 | 36 | 36 | 32 | 35 | 36 | 38 | 35 | |
| 25 | 40 | 38 | 33 | 27 | 25 | 26 | 29 | 34 | 37 | 40 | 38 | 38 | 37 | 36 | 36 | 36 | 37 | 37 | 36 | 36 | 35 | 34 | 36 | 36 | 35 | |
| 26 | 36 | 30 | 29 | 28 | 26 | 22 | 26 | 28 | 32 | 36 | 36 | 36 | 36 | 36 | 36 | 34 | 34 | 31 | 31 | 30 | 30 | 30 | 30 | 32 | 31 | |
| 27 | 36 | 36 | 34 | 33 | 30 | 27 | 25 | 26 | 35 | 36 | 40 | 41 | 42 | 42 | 42 | 41 | 34 | 34 | 34 | 32 | 32 | 36 | 36 | 34 | 35 | |
| 28 | 34 | 34 | 31 | 31 | 30 | 30 | 25 | 26 | 31 | 36 | 38 | 37 | 36 | 36 | 37 | 36 | 37 | 37 | 35 | 35 | 34 | 34 | 34 | 38 | 34 | |
| 29 | 40 | 40 | 37 | 34 | 30 | 27 | 26 | 26 | 28 | 32 | 34 | 34 | 34 | 34 | 34 | 32 | 32 | 32 | 31 | 32 | 32 | 32 | 31 | 32 | 32 | |
| 30 | 37 | 36 | 37 | 36 | 30 | 26 | 20 | 23 | 27 | 32 | 32 | 32 | 32 | 31 | 31 | 32 | 32 | 31 | 31 | 30 | 30 | 30 | 30 | 31 | 31 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ряднее по всем дням | 38 | 36 | 34 | 33 | 31 | 31 | 32 | 34 | 37 | 39 | 41 | 41 | 40 | 40 | 39 | 39 | 38 | 38 | 36 | 36 | 35 | 35 | 37 | 38 | 37 | |

Международный год спокойного солнца

Ведомство Академия Наук СССР
Обсерватория Патроны (Иркутск)

Т А Б Л И Ц А
для обработки магнитных вариометров

Обсерватория _____
Широта _____
Долгота _____
Вариометр D - Боброва
Элемент склонение
Год 1970
Месяц октябрь

Среднемесчн. D - 2°17.3'

Вед.мство Академия Наук СССР

Широта

Долгота

Элемент

Склонение

Обсерватория Патроны (Туркутск)

Месяц Октябрь Год 1970

$D = -2^{\circ}00'00'' +$

$D = 0.408'/ми D_0 = -2^{\circ}27.1'$

| Время мировое дни | | | | | | | | | | | | | | | | | | Средн. суточн. | | | | | | | |
|----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------------|------|------|------|------|------|------|------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 19 | 20 | 21 | 22 | 23 | | | |
| 1 | 14.9 | 14.9 | 14.6 | 15.1 | 17.0 | 19.4 | 21.2 | 21.7 | 20.6 | 19.7 | 19.2 | 18.6 | 18.2 | 18.1 | 17.9 | 16.5 | 16.8 | 16.5 | 16.8 | 14.9 | 13.4 | 14.4 | 15.3 | 15.1 | 17.1 |
| 2 | 15.3 | 15.0 | 13.7 | 14.6 | 16.8 | 19.3 | 22.0 | 22.4 | 22.4 | 20.8 | 20.2 | 19.2 | 18.9 | 18.0 | 17.7 | 17.6 | 17.0 | 16.8 | 15.0 | 15.1 | 15.5 | 15.9 | 16.1 | 15.3 | 17.5 |
| 3 | 14.2 | 13.4 | 13.6 | 15.4 | 17.7 | 19.4 | 21.1 | 22.0 | 21.5 | 19.7 | 18.4 | 18.5 | 18.2 | 18.1 | 17.8 | 15.8 | 13.5 | 15.3 | 14.7 | 16.5 | 17.1 | 15.1 | 15.1 | 16.3 | 17.0 |
| 4 | 14.5 | 14.4 | 14.4 | 18.3 | 21.2 | 22.2 | 23.7 | 23.8 | 21.3 | 19.8 | 25.9 | 18.3 | 16.4 | 18.8 | 16.7 | 17.8 | 18.3 | 17.5 | 18.7 | 17.2 | 16.7 | 16.1 | 15.9 | 15.6 | 18.5 |
| 5 | 14.3 | 12.8 | 12.9 | 13.9 | 15.8 | 18.4 | 20.7 | 20.8 | 21.2 | 18.5 | 18.5 | 18.0 | 17.6 | 17.6 | 17.7 | 17.6 | 17.3 | 16.5 | 16.6 | 17.7 | 17.0 | 16.5 | 16.1 | 16.0 | 17.1 |
| 6 | 14.7 | 13.7 | 13.6 | 14.7 | 17.0 | 18.8 | 20.5 | 20.6 | 19.7 | 18.6 | 17.8 | 16.9 | 17.8 | 17.8 | 17.8 | 17.3 | 17.1 | 16.8 | 16.4 | 16.4 | 15.3 | 16.4 | 16.1 | 15.4 | 17.0 |
| 7 | 14.4 | 13.7 | 14.0 | 15.1 | 16.6 | 17.8 | 19.6 | 20.3 | 19.9 | 18.9 | 18.5 | 18.0 | 18.0 | 17.7 | 17.6 | 17.3 | 17.2 | 16.8 | 16.8 | 16.6 | 16.5 | 16.8 | 16.8 | 16.5 | 17.1 |
| 8 | 14.5 | 12.5 | 12.5 | 13.7 | 16.6 | 19.4 | 21.0 | 21.7 | 20.9 | 19.3 | 18.5 | 18.1 | 18.0 | 18.0 | 17.7 | 17.4 | 17.2 | 16.8 | 16.6 | 16.5 | 16.4 | 16.5 | 16.5 | 16.4 | 17.2 |
| 9 | 15.6 | 13.8 | 13.2 | 13.8 | 16.2 | 18.6 | 21.1 | 22.2 | 21.6 | 19.9 | 19.1 | 18.9 | 18.6 | 18.6 | 18.0 | 17.7 | 17.4 | 16.8 | 15.8 | 16.2 | 16.4 | 16.5 | 16.6 | 16.1 | 17.4 |
| 10 | 14.0 | 12.8 | 12.1 | 13.6 | 16.1 | 18.6 | 20.4 | 20.6 | 21.0 | 20.2 | 19.4 | 18.6 | 18.2 | 18.1 | 17.9 | 17.3 | 16.8 | 14.0 | 12.5 | 12.1 | 11.2 | 11.7 | 14.5 | 14.6 | 16.1 |
| 11 | 15.6 | 16.0 | 16.4 | 17.0 | 18.2 | 19.7 | 20.7 | 22.6 | 22.3 | 22.6 | 22.1 | 19.2 | 19.4 | 16.9 | 15.7 | 14.6 | 14.0 | 14.3 | 18.1 | 15.5 | 16.2 | 16.6 | 16.2 | 16.1 | 17.8 |
| 12 | 15.9 | 16.1 | 16.1 | 15.6 | 22.1 | 20.6 | 20.6 | 21.8 | 21.8 | 21.0 | 18.6 | 19.3 | 17.6 | 17.3 | 16.9 | 17.1 | 17.0 | 16.8 | 16.9 | 16.9 | 16.9 | 17.2 | 17.4 | 17.3 | 18.1 |
| 13 | 15.0 | 14.1 | 13.5 | 14.4 | 16.4 | 18.4 | 20.0 | 20.8 | 19.7 | 18.6 | 18.1 | 17.6 | 16.0 | 16.8 | 17.3 | 15.3 | 14.5 | 15.6 | 17.4 | 18.2 | 17.3 | 18.0 | 17.7 | 16.9 | 17.0 |
| 14 | 15.3 | 15.5 | 15.1 | 15.1 | 16.9 | 19.6 | 21.7 | 22.2 | 20.2 | 19.4 | 18.5 | 18.0 | 17.8 | 17.4 | 17.3 | 17.3 | 17.2 | 17.3 | 17.3 | 16.9 | 17.1 | 17.8 | 17.8 | 16.5 | 17.7 |
| 15 | 16.1 | 13.6 | 13.2 | 14.0 | 16.1 | 18.7 | 21.1 | 21.8 | 20.7 | 19.3 | 18.5 | 18.2 | 17.9 | 17.3 | 16.8 | 17.3 | 17.3 | 17.2 | 17.2 | 17.2 | 17.4 | 17.3 | 17.1 | 16.5 | 17.4 |
| 16 | 15.2 | 13.6 | 13.5 | 14.8 | 16.6 | 19.1 | 21.0 | 21.6 | 21.0 | 19.3 | 18.9 | 16.8 | 16.9 | 15.3 | 14.8 | 12.4 | 7.2 | 13.6 | 5.8 | 11.7 | 18.4 | 18.1 | 18.5 | 19.7 | 16.0 |
| 17 | 16.8 | 14.9 | 16.4 | 16.8 | 18.8 | 20.6 | 21.4 | 21.1 | 20.6 | 19.4 | 18.7 | 18.2 | 16.2 | 14.4 | 13.3 | 11.9 | 9.9 | 6.7 | 6.6 | 9.0 | 11.5 | 17.8 | 23.6 | 25.1 | 16.2 |
| 18 | 28.7 | 28.8 | 26.2 | 26.7 | 20.6 | 21.2 | 22.5 | 24.4 | 22.7 | 19.9 | 20.2 | 18.8 | 17.1 | 17.6 | 16.9 | 14.6 | 11.5 | 15.6 | 16.9 | 16.5 | 17.1 | 17.1 | 19.0 | 16.7 | 20.2 |
| 19 | 16.7 | 15.6 | 15.0 | 16.0 | 17.3 | 18.5 | 20.6 | 20.0 | 17.9 | 18.4 | 18.7 | 17.8 | 17.4 | 16.4 | 16.5 | 16.1 | 14.8 | 16.6 | 18.5 | 17.5 | 17.0 | 16.5 | 16.8 | 16.6 | 17.2 |
| 20 | 15.7 | 15.3 | 15.3 | 16.5 | 18.1 | 18.8 | 19.0 | 19.2 | 18.9 | 18.2 | 16.4 | 17.6 | 16.7 | 16.9 | 16.5 | 16.4 | 16.8 | 16.9 | 16.9 | 16.8 | 16.7 | 17.2 | 17.0 | 16.8 | 17.1 |
| 21 | 15.8 | 15.2 | 15.3 | 16.6 | 18.6 | 19.8 | 20.6 | 20.2 | 19.1 | 18.5 | 18.4 | 18.2 | 18.1 | 17.8 | 17.6 | 17.2 | 16.9 | 16.2 | 15.9 | 16.2 | 16.4 | 16.4 | 16.7 | 16.6 | 17.4 |
| 22 | 15.3 | 14.1 | 14.9 | 16.9 | 18.2 | 19.8 | 21.3 | 20.4 | 19.4 | 19.7 | 19.9 | 19.3 | 19.7 | 17.3 | 14.0 | 13.0 | 12.4 | 10.4 | 9.3 | 7.9 | 7.8 | 12.4 | 18.3 | 15.0 | 15.7 |
| 23 | 16.9 | 17.8 | 17.0 | 17.2 | 19.4 | 21.6 | 23.8 | 22.2 | 20.4 | 19.4 | 18.3 | 17.5 | 18.3 | 16.2 | 10.9 | 10.3 | 11.1 | 16.3 | 12.8 | 10.8 | 14.4 | 16.2 | 18.0 | 16.6 | 16.8 |
| 24 | 16.0 | 13.9 | 13.7 | 16.0 | 19.3 | 22.1 | 22.3 | 21.6 | 19.8 | 19.6 | 18.2 | 18.6 | 17.2 | 14.6 | 15.9 | 16.5 | 17.0 | 17.0 | 18.7 | 18.5 | 17.0 | 17.8 | 18.2 | 17.9 | 17.8 |
| 25 | 16.0 | 14.1 | 13.6 | 14.9 | 16.8 | 19.3 | 20.6 | 19.6 | 18.7 | 18.2 | 18.0 | 18.0 | 17.2 | 16.0 | 16.4 | 15.6 | 15.7 | 16.2 | 16.2 | 17.1 | 17.0 | 17.4 | 17.8 | 17.4 | 17.0 |
| 26 | 15.0 | 13.0 | 12.2 | 13.4 | 16.0 | 19.3 | 21.4 | 21.4 | 20.5 | 18.9 | 18.2 | 18.0 | 18.0 | 17.3 | 17.0 | 16.9 | 16.6 | 16.3 | 16.8 | 16.9 | 17.4 | 17.6 | 17.6 | 17.3 | 17.2 |
| 27 | 16.0 | 14.0 | 12.6 | 13.2 | 15.6 | 18.1 | 20.4 | 20.4 | 19.3 | 18.4 | 17.9 | 17.9 | 17.8 | 17.8 | 17.6 | 17.2 | 17.2 | 17.0 | 17.0 | 17.0 | 17.0 | 18.4 | 17.0 | 17.4 | 17.2 |
| 28 | 14.9 | 13.2 | 14.4 | 14.4 | 16.7 | 18.8 | 22.0 | 21.8 | 20.6 | 19.5 | 18.9 | 18.4 | 17.9 | 17.8 | 16.8 | 14.5 | 15.5 | 16.6 | 16.8 | 16.5 | 15.5 | 15.3 | 16.5 | 17.4 | 17.1 |
| 29 | 15.3 | 14.0 | 13.6 | 15.2 | 17.0 | 19.3 | 21.0 | 20.6 | 17.8 | 19.9 | 19.3 | 19.1 | 18.8 | 19.6 | 18.2 | 17.5 | 16.4 | 13.5 | 15.3 | 14.4 | 11.3 | 15.3 | 18.0 | 18.7 | 17.1 |
| 30 | 18.0 | 16.5 | 16.5 | 17.7 | 18.4 | 18.1 | 19.3 | 19.7 | 19.1 | 18.8 | 18.7 | 18.0 | 18.3 | 18.2 | 18.0 | 18.1 | 19.2 | 17.0 | 16.5 | 16.4 | 16.4 | 16.4 | 16.6 | 16.5 | 17.8 |
| 31 | 16.0 | 14.7 | 14.5 | 16.8 | 18.4 | 19.5 | 19.8 | 19.9 | 19.3 | 18.2 | 18.5 | 18.4 | 18.4 | 18.0 | 17.4 | 16.5 | 17.1 | 17.0 | 16.8 | 16.5 | 16.9 | 16.4 | 16.5 | 16.5 | 17.4 |
| Среднее по дням | 15.9 | 14.9 | 14.6 | 15.7 | 17.6 | 19.4 | 21.0 | 21.3 | 20.4 | 19.4 | 19.0 | 18.3 | 17.8 | 17.3 | 16.7 | 16.1 | 15.8 | 15.7 | 15.6 | 15.6 | 15.7 | 16.4 | 17.1 | 16.9 | 17.3 |

Международный год спокойного солнца

Ведомство Академия Наук СССР
Обсерватория Патроны (Иркутск)

Т А Б Л И Ц А для обработки магнитных вариометров

Обсерватория Патроны
Широта _____
Долгота _____
Вариометр Н-Боброва
Элемент Горизонтальная составляющая
Год 1970
Месяц октябрь

Ведомство Академия Наук СССР

Широта

Долгота

Элемент Горизонтальная составляющая

Обсерватория Патроны (Аркутек)

Месяц октябрь Год 1970

$H = 19450^{\circ} +$ $E_H = 2.76\% H_0 = 19454^{\circ}$

| Время мировое Дни | | | | | | | | | | | | | | | | | | | | | | | Средн. суточн. | | |
|----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------------------|-----|-----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 19 | 20 | 21 | 22 | 23 | | | |
| 1 | 123 | 119 | 115 | 109 | 107 | 109 | 122 | 138 | 145 | 140 | 134 | 134 | 136 | 134 | 134 | 133 | 135 | 133 | 142 | 140 | 124 | 124 | 124 | 116 | 128 |
| 2 | 103 | 103 | 100 | 98 | 97 | 103 | 112 | 125 | 136 | 136 | 124 | 132 | 132 | 132 | 131 | 131 | 135 | 137 | 128 | 134 | 134 | 130 | 130 | 128 | 123 |
| 3 | 117 | 106 | 98 | 94 | 98 | 112 | 121 | 130 | 137 | 136 | 134 | 134 | 134 | 134 | 134 | 138 | 128 | 126 | 126 | 128 | 134 | 133 | 124 | 128 | 124 |
| 4 | 121 | 106 | 106 | 79 | 79 | 112 | 122 | 102 | 104 | 110 | 115 | 128 | 118 | 128 | 124 | 124 | 131 | 130 | 136 | 126 | 124 | 120 | 120 | 118 | 116 |
| 5 | 116 | 112 | 100 | 98 | 99 | 101 | 98 | 112 | 120 | 122 | 126 | 128 | 128 | 128 | 128 | 128 | 130 | 126 | 125 | 124 | 125 | 125 | 125 | 123 | 119 |
| 6 | 121 | 112 | 106 | 104 | 103 | 103 | 112 | 120 | 132 | 132 | 129 | 129 | 131 | 130 | 132 | 132 | 132 | 131 | 131 | 134 | 128 | 123 | 127 | 128 | 123 |
| 7 | 120 | 112 | 103 | 100 | 103 | 110 | 118 | 126 | 131 | 131 | 131 | 132 | 130 | 130 | 136 | 136 | 136 | 136 | 134 | 134 | 134 | 133 | 134 | 132 | 126 |
| 8 | 126 | 119 | 102 | 97 | 100 | 109 | 120 | 132 | 134 | 134 | 135 | 136 | 136 | 136 | 136 | 136 | 136 | 136 | 135 | 133 | 134 | 135 | 134 | 132 | 128 |
| 9 | 130 | 123 | 112 | 99 | 99 | 106 | 114 | 124 | 134 | 136 | 136 | 134 | 136 | 138 | 135 | 136 | 136 | 134 | 134 | 134 | 136 | 136 | 139 | 137 | 128 |
| 10 | 129 | 121 | 110 | 99 | 98 | 110 | 114 | 116 | 121 | 136 | 136 | 136 | 136 | 142 | 139 | 138 | 136 | 139 | 128 | 123 | 113 | 117 | 122 | 134 | 125 |
| 11 | 139 | 133 | 113 | 100 | 97 | 89 | 83 | 89 | 88 | 69 | 70 | 83 | 73 | 77 | 81 | 84 | 91 | 98 | 114 | 130 | 123 | 128 | 128 | 122 | 100 |
| 12 | 117 | 103 | 106 | 76 | 55 | 73 | 79 | 77 | 84 | 91 | 88 | 92 | 102 | 105 | 118 | 122 | 122 | 124 | 122 | 124 | 124 | 126 | 128 | 131 | 104 |
| 13 | 125 | 116 | 103 | 98 | 92 | 98 | 105 | 117 | 131 | 130 | 127 | 120 | 107 | 116 | 124 | 125 | 116 | 113 | 120 | 124 | 120 | 120 | 124 | 122 | 116 |
| 14 | 112 | 97 | 95 | 84 | 83 | 95 | 104 | 112 | 114 | 121 | 116 | 109 | 112 | 121 | 123 | 125 | 126 | 128 | 129 | 124 | 122 | 122 | 124 | 128 | 114 |
| 15 | 124 | 112 | 99 | 90 | 87 | 94 | 103 | 112 | 122 | 123 | 123 | 126 | 127 | 126 | 126 | 130 | 133 | 135 | 136 | 136 | 132 | 132 | 134 | 135 | 121 |
| 16 | 126 | 113 | 99 | 94 | 96 | 102 | 114 | 127 | 136 | 150 | 129 | 86 | 44 | 59 | 92 | 76 | 37 | 63 | 42 | 53 | 78 | 79 | 80 | 82 | 90 |
| 17 | 84 | 80 | 73 | 70 | 67 | 66 | 60 | 68 | 66 | 58 | 59 | 44 | 37 | 18 | 26 | 28 | 22 | 28 | 46 | 61 | 80 | 84 | 81 | 87 | 58 |
| 18 | 66 | 40 | 15 | 14 | 34 | 49 | 62 | 73 | 59 | 67 | 81 | 84 | 80 | 92 | 90 | 88 | 108 | 104 | 98 | 98 | 100 | 104 | 103 | 110 | 76 |
| 19 | 112 | 100 | 89 | 81 | 80 | 84 | 95 | 96 | 88 | 105 | 100 | 96 | 93 | 89 | 92 | 103 | 108 | 103 | 114 | 119 | 115 | 114 | 116 | 114 | 100 |
| 20 | 111 | 100 | 96 | 84 | 82 | 83 | 90 | 99 | 106 | 96 | 95 | 101 | 100 | 106 | 109 | 112 | 116 | 122 | 119 | 119 | 117 | 117 | 118 | 117 | 105 |
| 21 | 112 | 101 | 92 | 90 | 92 | 102 | 114 | 123 | 124 | 123 | 123 | 123 | 124 | 126 | 126 | 126 | 130 | 128 | 128 | 126 | 126 | 127 | 127 | 128 | 118 |
| 22 | 120 | 109 | 96 | 96 | 100 | 112 | 120 | 114 | 112 | 112 | 108 | 100 | 93 | 80 | 82 | 87 | 84 | 80 | 81 | 66 | 65 | 70 | 97 | 92 | 95 |
| 23 | 81 | 71 | 60 | 55 | 56 | 61 | 76 | 95 | 100 | 85 | 82 | 88 | 93 | 85 | 80 | 74 | 81 | 114 | 100 | 98 | 106 | 94 | 98 | 96 | 84 |
| 24 | 91 | 89 | 84 | 72 | 73 | 68 | 87 | 105 | 84 | 98 | 98 | 88 | 94 | 112 | 106 | 107 | 112 | 112 | 118 | 120 | 112 | 112 | 114 | 115 | 99 |
| 25 | 114 | 107 | 99 | 92 | 92 | 98 | 102 | 106 | 119 | 120 | 116 | 116 | 120 | 128 | 112 | 116 | 122 | 130 | 123 | 126 | 126 | 128 | 126 | 125 | 115 |
| 26 | 118 | 104 | 92 | 87 | 84 | 98 | 112 | 124 | 125 | 123 | 116 | 111 | 110 | 114 | 120 | 123 | 126 | 126 | 128 | 128 | 129 | 131 | 132 | 131 | 116 |
| 27 | 124 | 118 | 108 | 97 | 97 | 106 | 118 | 128 | 132 | 134 | 136 | 137 | 136 | 136 | 134 | 136 | 135 | 136 | 134 | 136 | 132 | 133 | 134 | 136 | 127 |
| 28 | 131 | 117 | 106 | 108 | 98 | 108 | 100 | 112 | 126 | 128 | 124 | 128 | 130 | 129 | 134 | 128 | 124 | 124 | 134 | 150 | 128 | 110 | 105 | 120 | 121 |
| 29 | 112 | 103 | 95 | 92 | 95 | 100 | 106 | 119 | 122 | 122 | 120 | 126 | 128 | 118 | 121 | 128 | 129 | 128 | 129 | 129 | 108 | 112 | 121 | 124 | 116 |
| 30 | 120 | 109 | 92 | 90 | 90 | 106 | 117 | 117 | 112 | 111 | 114 | 118 | 123 | 124 | 123 | 129 | 132 | 124 | 123 | 124 | 125 | 127 | 128 | 128 | 117 |
| 31 | 121 | 113 | 102 | 99 | 98 | 106 | 120 | 126 | 125 | 118 | 125 | 126 | 125 | 126 | 124 | 126 | 122 | 125 | 124 | 124 | 128 | 124 | 124 | 124 | 120 |
| Средне по дням | 115 | 105 | 96 | 89 | 88 | 96 | 104 | 112 | 115 | 116 | 115 | 114 | 112 | 114 | 115 | 116 | 116 | 118 | 119 | 120 | 119 | 118 | 120 | 121 | 111 |

Международный год спокойного солнца

Ведомство Академия Наук СССР
Обсерватория Патроны (Иркутск)

ТАБЛИЦА для обработки магнитных вариометров

Обсерватория Патроны
Широта _____
Долгота _____
Вариометр Z - Боброва
Элемент Вертикальная составля.
Год 1970
Месяц октябрь

Ведомство Академия Наук СССР

Широта

Долгота

Элемент Вертикальная составляющая

Обсерватория

Месяц Октябрь Год 1970

$Z = 57050^y + \epsilon Z = 3.00^y/ми Z_0 = 57054^y$

| Время мировое Дни | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 19 | 20 | 21 | 22 | 23 | Средн. суточн. | | |
|-------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------------------|----|----|
| 1 | 34 | 37 | 34 | 33 | 28 | 26 | 28 | 30 | 29 | 31 | 32 | 32 | 31 | 32 | 32 | 33 | 32 | 32 | 32 | 28 | 25 | 28 | 31 | 34 | 31 |
| 2 | 36 | 37 | 34 | 29 | 26 | 22 | 22 | 26 | 28 | 31 | 33 | 33 | 32 | 32 | 34 | 34 | 32 | 32 | 32 | 30 | 30 | 30 | 30 | 32 | 31 |
| 3 | 34 | 32 | 28 | 24 | 22 | 22 | 20 | 24 | 28 | 30 | 30 | 30 | 30 | 32 | 33 | 30 | 32 | 31 | 31 | 30 | 30 | 28 | 30 | 29 | |
| 4 | 32 | 31 | 30 | 23 | 24 | 23 | 24 | 28 | 36 | 40 | 41 | 38 | 37 | 38 | 36 | 36 | 37 | 33 | 33 | 32 | 32 | 35 | 36 | 38 | 33 |
| 5 | 36 | 36 | 32 | 29 | 24 | 20 | 20 | 26 | 31 | 34 | 34 | 33 | 32 | 32 | 32 | 34 | 32 | 32 | 32 | 32 | 31 | 30 | 30 | 31 | 31 |
| 6 | 36 | 36 | 33 | 26 | 20 | 20 | 25 | 28 | 31 | 32 | 31 | 31 | 32 | 32 | 32 | 32 | 31 | 31 | 31 | 30 | 30 | 30 | 30 | 31 | 30 |
| 7 | 33 | 32 | 31 | 28 | 24 | 22 | 22 | 24 | 24 | 28 | 30 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 30 | 30 | 30 | 30 | 30 | 31 | 29 |
| 8 | 34 | 34 | 30 | 23 | 22 | 22 | 22 | 26 | 30 | 30 | 30 | 30 | 29 | 28 | 30 | 30 | 30 | 30 | 30 | 30 | 29 | 28 | 28 | 30 | 29 |
| 9 | 34 | 34 | 30 | 28 | 25 | 22 | 22 | 24 | 29 | 31 | 31 | 31 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 28 | 28 | 28 | 28 | 31 | 29 |
| 10 | 34 | 34 | 30 | 28 | 26 | 24 | 24 | 28 | 29 | 30 | 29 | 30 | 30 | 29 | 30 | 30 | 30 | 30 | 28 | 28 | 27 | 28 | 28 | 30 | 29 |
| 11 | 30 | 28 | 25 | 25 | 25 | 25 | 26 | 30 | 35 | 39 | 42 | 44 | 46 | 46 | 46 | 43 | 42 | 41 | 37 | 30 | 31 | 31 | 31 | 31 | 35 |
| 12 | 27 | 31 | 27 | 31 | 32 | 34 | 34 | 38 | 41 | 42 | 42 | 42 | 40 | 40 | 40 | 38 | 37 | 36 | 35 | 34 | 34 | 32 | 32 | 32 | 35 |
| 13 | 33 | 32 | 32 | 31 | 31 | 31 | 31 | 31 | 34 | 34 | 34 | 33 | 35 | 37 | 35 | 34 | 31 | 31 | 31 | 31 | 31 | 32 | 32 | 36 | 33 |
| 14 | 40 | 40 | 37 | 34 | 30 | 25 | 25 | 30 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 34 | 33 | 31 | 31 | 30 | 30 | 30 | 31 | 34 | 33 |
| 15 | 37 | 36 | 34 | 29 | 26 | 27 | 26 | 28 | 31 | 32 | 32 | 32 | 31 | 31 | 31 | 31 | 31 | 30 | 30 | 30 | 30 | 30 | 28 | 31 | 31 |
| 16 | 36 | 36 | 34 | 30 | 26 | 22 | 22 | 23 | 27 | 31 | 30 | 35 | 46 | 52 | 49 | 43 | 36 | 25 | 6 | 19 | 32 | 37 | 40 | 42 | 32 |
| 17 | 44 | 42 | 35 | 29 | 30 | 31 | 34 | 42 | 46 | 47 | 49 | 50 | 54 | 58 | 59 | 54 | 51 | 48 | 41 | 33 | 31 | 20 | 19 | 16 | 40 |
| 18 | 13 | 18 | 23 | 25 | 28 | 28 | 30 | 40 | 46 | 48 | 45 | 45 | 44 | 44 | 43 | 42 | 38 | 34 | 36 | 36 | 37 | 37 | 36 | 36 | 36 |
| 19 | 37 | 38 | 37 | 37 | 33 | 37 | 39 | 41 | 43 | 44 | 42 | 42 | 42 | 42 | 44 | 42 | 38 | 38 | 37 | 35 | 34 | 34 | 34 | 37 | 39 |
| 20 | 38 | 38 | 36 | 32 | 31 | 33 | 36 | 38 | 40 | 40 | 41 | 42 | 40 | 40 | 40 | 40 | 39 | 37 | 37 | 36 | 36 | 34 | 34 | 36 | 37 |
| 21 | 38 | 38 | 36 | 33 | 32 | 32 | 34 | 34 | 36 | 33 | 34 | 34 | 34 | 34 | 35 | 34 | 34 | 32 | 32 | 32 | 32 | 31 | 32 | 34 | 34 |
| 22 | 36 | 34 | 31 | 28 | 30 | 31 | 31 | 32 | 34 | 36 | 37 | 40 | 43 | 49 | 50 | 48 | 45 | 43 | 39 | 32 | 30 | 32 | 31 | 31 | 36 |
| 23 | 34 | 35 | 35 | 32 | 32 | 32 | 36 | 42 | 42 | 42 | 42 | 42 | 42 | 44 | 42 | 39 | 40 | 31 | 25 | 24 | 24 | 22 | 28 | 34 | 35 |
| 24 | 38 | 37 | 34 | 31 | 33 | 36 | 41 | 44 | 45 | 45 | 42 | 42 | 43 | 41 | 38 | 39 | 38 | 38 | 36 | 33 | 32 | 34 | 34 | 38 | 38 |
| 25 | 42 | 41 | 38 | 35 | 34 | 36 | 38 | 43 | 43 | 40 | 38 | 37 | 38 | 36 | 36 | 36 | 32 | 32 | 32 | 32 | 32 | 32 | 34 | 36 | |
| 26 | 39 | 38 | 32 | 26 | 21 | 24 | 30 | 34 | 35 | 34 | 34 | 34 | 36 | 37 | 36 | 36 | 35 | 32 | 32 | 31 | 30 | 30 | 30 | 32 | 32 |
| 27 | 38 | 38 | 35 | 30 | 30 | 27 | 27 | 28 | 31 | 32 | 32 | 31 | 31 | 31 | 31 | 30 | 30 | 30 | 30 | 30 | 30 | 29 | 28 | 29 | 31 |
| 28 | 38 | 38 | 39 | 30 | 24 | 22 | 20 | 27 | 30 | 30 | 30 | 31 | 31 | 32 | 32 | 32 | 32 | 32 | 31 | 24 | 20 | 20 | 24 | 30 | 29 |
| 29 | 34 | 35 | 34 | 29 | 28 | 28 | 28 | 30 | 31 | 32 | 32 | 32 | 32 | 34 | 34 | 34 | 33 | 32 | 30 | 23 | 22 | 25 | 24 | 24 | 30 |
| 30 | 25 | 28 | 24 | 20 | 24 | 23 | 22 | 25 | 30 | 32 | 31 | 31 | 31 | 32 | 32 | 32 | 30 | 29 | 30 | 30 | 29 | 28 | 29 | 29 | 28 |
| 31 | 34 | 37 | 32 | 28 | 30 | 31 | 31 | 32 | 33 | 32 | 31 | 31 | 31 | 31 | 31 | 31 | 32 | 32 | 31 | 30 | 30 | 30 | 30 | 31 | 31 |
| Среднее по всех дням | 35 | 35 | 32 | 29 | 27 | 27 | 28 | 31 | 34 | 35 | 35 | 36 | 36 | 37 | 37 | 36 | 35 | 33 | 32 | 30 | 30 | 30 | 30 | 32 | 33 |

Обработал Михаленкова

Проверил Брунько

Международный год спокойного солнца

Ведомство Академия Наук СССР
Обсерватория Иркутск

Т А Б Л И Ц А
для обработки магнитных вариометров

Обсерватория _____
Широта _____
Долгота _____
Вариометр D-Боброва
Элемент склонение
Год 1970
Месяц ноябрь

Среднемесчн. $-2^{\circ}17.4'$

| Время ми- ровое Дни | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 19 | 20 | 21 | 22 | 23 | Средн. суточн. | | | |
|---------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------------------|------|------|--|
| 1 | 15.5 | 14.9 | 15.1 | 16.9 | 18.8 | 19.9 | 21.0 | 20.9 | 19.5 | 19.0 | 18.5 | 18.4 | 18.1 | 18.0 | 17.9 | 17.5 | 17.2 | 16.9 | 17.2 | 17.2 | 17.2 | 17.2 | 17.1 | 16.8 | 17.8 | |
| 2 | 15.0 | 13.8 | 13.9 | 15.8 | 18.0 | 19.4 | 19.9 | 20.2 | 19.4 | 18.0 | 18.8 | 18.8 | 18.0 | 18.0 | 17.8 | 17.2 | 17.3 | 17.3 | 17.2 | 17.2 | 17.4 | 17.5 | 17.6 | 17.4 | 17.5 | |
| 3 | 16.9 | 15.0 | 15.0 | 16.0 | 18.5 | 19.2 | 20.0 | 20.4 | 19.9 | 19.1 | 18.2 | 18.2 | 18.0 | 17.6 | 17.1 | 16.9 | 16.8 | 16.2 | 14.0 | 13.9 | 14.6 | 17.4 | 15.6 | 16.6 | 17.0 | |
| 4 | 16.4 | 14.8 | 14.8 | 16.4 | 18.5 | 20.5 | 21.0 | 20.9 | 19.4 | 19.0 | 19.3 | 19.3 | 18.6 | 17.7 | 17.5 | 16.9 | 16.3 | 16.0 | 16.2 | 16.2 | 15.6 | 17.0 | 16.8 | 16.8 | 17.6 | |
| 5 | 16.2 | 16.7 | 14.8 | 14.9 | 16.5 | 18.2 | 19.4 | 19.8 | 19.0 | 18.7 | 18.9 | 18.5 | 18.5 | 18.1 | 17.7 | 15.2 | 17.5 | 16.2 | 16.7 | 18.2 | 19.2 | 19.8 | 18.3 | 17.2 | 17.7 | |
| 6 | 16.4 | 15.4 | 15.6 | 16.2 | 16.8 | 19.0 | 20.3 | 19.6 | 18.9 | 20.2 | 19.3 | 18.9 | 13.3 | 15.3 | 14.8 | 15.2 | 16.3 | 17.2 | 17.4 | 17.6 | 17.6 | 19.6 | 17.3 | 17.0 | 17.3 | |
| 7 | 17.1 | 22.1 | 20.4 | 14.6 | 14.9 | 19.9 | 17.2 | 17.1 | 18.8 | 19.0 | 17.6 | 7.0 | 18.4 | 12.5 | 13.0 | 15.6 | 16.2 | 17.5 | 19.9 | 22.5 | 24.4 | 18.4 | 18.2 | 20.5 | 17.6 | |
| 8 | 19.8 | 17.0 | 17.4 | 19.4 | 19.8 | 19.8 | 19.8 | 19.4 | 18.7 | 18.4 | 18.4 | 16.1 | 17.6 | 17.1 | 16.2 | 16.8 | 17.7 | 18.0 | 18.8 | 19.2 | 17.9 | 17.8 | 18.1 | 18.1 | 18.2 | |
| 9 | 17.0 | 15.9 | 14.6 | 15.7 | 16.2 | 17.7 | 18.4 | 17.8 | 18.0 | 17.5 | 16.5 | 17.7 | 17.1 | 17.7 | 17.3 | 15.0 | 16.4 | 15.8 | 17.9 | 18.2 | 18.8 | 18.3 | 17.5 | 17.5 | 17.1 | |
| 10 | 16.8 | 16.5 | 16.1 | 17.1 | 18.2 | 19.1 | 19.3 | 19.2 | 18.8 | 18.6 | 15.4 | 16.8 | 19.0 | 18.3 | 16.2 | 15.8 | 14.9 | 16.2 | 18.5 | 17.3 | 17.0 | 18.4 | 18.0 | 18.0 | 17.5 | |
| 11 | 18.0 | 21.8 | 18.0 | 18.0 | 18.2 | 18.8 | 19.1 | 18.7 | 17.9 | 17.2 | 15.3 | 18.2 | 16.8 | 16.3 | 16.9 | 18.0 | 18.0 | 17.2 | 17.4 | 17.5 | 19.9 | 19.9 | 16.8 | 17.6 | 18.0 | |
| 12 | 17.3 | 16.7 | 16.0 | 16.7 | 17.6 | 18.5 | 18.8 | 18.4 | 17.0 | 18.2 | 16.8 | 16.6 | 17.2 | 15.2 | 16.3 | 16.2 | 18.6 | 17.8 | 17.8 | 17.5 | 17.4 | 17.4 | 17.3 | 17.3 | 17.3 | |
| 13 | 16.9 | 15.9 | 15.8 | 17.1 | 18.2 | 19.0 | 18.7 | 18.4 | 18.1 | 18.0 | 18.2 | 17.3 | 16.5 | 16.3 | 15.6 | 15.6 | 15.6 | 14.8 | 15.0 | 15.6 | 15.8 | 15.8 | 17.2 | 18.0 | 16.8 | |
| 14 | 18.4 | 18.7 | 17.2 | 17.0 | 17.0 | 17.3 | 18.0 | 18.1 | 18.4 | 17.7 | 18.2 | 18.5 | 17.9 | 17.5 | 17.0 | 16.9 | 15.0 | 15.6 | 16.9 | 15.2 | 16.6 | 16.6 | 16.9 | 17.0 | 17.2 | |
| 15 | 16.5 | 16.1 | 15.6 | 16.5 | 18.0 | 19.2 | 19.9 | 20.5 | 19.4 | 18.3 | 18.4 | 17.9 | 18.2 | 18.2 | 18.0 | 17.5 | 17.5 | 17.1 | 16.5 | 16.5 | 15.5 | 15.4 | 16.2 | 16.8 | 17.5 | |
| 16 | 16.7 | 15.6 | 15.9 | 16.8 | 17.8 | 18.3 | 18.5 | 18.5 | 18.4 | 17.9 | 17.8 | 18.3 | 18.2 | 18.4 | 18.3 | 18.2 | 15.4 | 14.4 | 14.8 | 15.6 | 16.9 | 17.6 | 17.6 | 17.2 | 17.2 | |
| 17 | 16.9 | 15.4 | 15.1 | 16.2 | 18.6 | 19.8 | 20.4 | 19.8 | 18.8 | 18.2 | 18.4 | 18.1 | 18.0 | 18.3 | 18.1 | 18.0 | 17.7 | 17.6 | 17.4 | 16.9 | 16.9 | 17.1 | 17.1 | 16.9 | 17.7 | |
| 18 | 16.9 | 16.2 | 15.2 | 16.7 | 18.2 | 19.0 | 19.6 | 18.8 | 18.2 | 17.7 | 18.0 | 18.2 | 15.0 | 16.2 | 18.2 | 15.2 | 15.2 | 15.7 | 16.4 | 16.8 | 16.9 | 15.8 | 17.6 | 16.9 | 17.0 | |
| 19 | 18.6 | 16.7 | 18.5 | 21.2 | 21.2 | 21.7 | 20.6 | 19.2 | 18.6 | 18.4 | 18.4 | 18.1 | 17.7 | 17.4 | 17.2 | 17.2 | 17.2 | 17.2 | 17.3 | 17.2 | 17.2 | 17.3 | 17.3 | 17.1 | 18.3 | |
| 20 | 16.8 | 15.6 | 14.9 | 15.4 | 16.2 | 17.8 | 18.8 | 19.2 | 18.8 | 18.0 | 18.0 | 18.0 | 17.9 | 17.9 | 17.9 | 18.0 | 18.0 | 17.9 | 18.0 | 17.6 | 17.6 | 17.7 | 18.2 | 18.4 | 17.6 | |
| 21 | 17.7 | 16.6 | 16.3 | 17.6 | 18.9 | 19.6 | 19.2 | 18.1 | 15.0 | 10.9 | 10.0 | 12.3 | 14.4 | 7.2 | 16.0 | 16.9 | 16.6 | 20.6 | 20.6 | 19.8 | 20.1 | 20.0 | 18.7 | 18.4 | 16.7 | |
| 22 | 18.5 | 18.9 | 19.2 | 20.2 | 19.0 | 18.6 | 19.1 | 19.4 | 18.2 | 18.9 | 18.1 | 17.7 | 17.6 | 16.0 | 15.3 | 14.5 | 13.0 | 11.7 | 11.5 | 12.0 | 13.7 | 16.0 | 17.7 | 18.9 | 16.8 | |
| 23 | 18.7 | 17.6 | 17.7 | 18.4 | 18.5 | 19.0 | 19.6 | 18.8 | 18.5 | 17.9 | 18.0 | 16.7 | 17.4 | 17.2 | 13.1 | 7.0 | 9.9 | 13.8 | 17.3 | 16.0 | 16.6 | 18.4 | 20.2 | 20.0 | 16.9 | |
| 24 | 17.2 | 16.2 | 15.7 | 16.6 | 17.6 | 18.3 | 19.3 | 18.8 | 18.0 | 17.8 | 17.7 | 18.0 | 18.0 | 17.5 | 17.5 | 17.3 | 14.2 | 13.8 | 14.7 | 15.7 | 16.9 | 16.8 | 17.8 | 18.2 | 17.1 | |
| 25 | 17.6 | 17.6 | 16.7 | 15.8 | 17.1 | 18.0 | 19.3 | 19.9 | 19.7 | 17.9 | 17.9 | 18.8 | 18.4 | 18.6 | 17.4 | 17.6 | 15.6 | 13.7 | 12.7 | 13.3 | 15.7 | 18.0 | 18.3 | 18.3 | 17.2 | |
| 26 | 18.8 | 17.1 | 15.6 | 15.8 | 17.1 | 18.5 | 19.6 | 18.9 | 18.5 | 18.2 | 17.8 | 17.2 | 18.1 | 18.1 | 17.6 | 15.6 | 15.9 | 16.4 | 16.6 | 16.4 | 19.1 | 17.7 | 17.3 | 17.7 | 17.5 | |
| 27 | 17.8 | 17.2 | 16.4 | 16.9 | 17.3 | 18.5 | 18.4 | 18.6 | 18.5 | 18.7 | 17.8 | 18.4 | 17.0 | 15.2 | 17.3 | 17.8 | 17.3 | 17.0 | 17.0 | 16.3 | 15.6 | 17.9 | 18.8 | 18.6 | 17.5 | |
| 28 | 18.0 | 17.7 | 16.9 | 16.6 | 17.2 | 18.7 | 19.7 | 19.3 | 18.5 | 18.2 | 18.2 | 17.4 | 17.4 | 18.2 | 16.5 | 16.6 | 16.9 | 17.3 | 17.3 | 17.2 | 17.2 | 17.4 | 17.2 | 17.3 | 17.6 | |
| 29 | 17.3 | 16.4 | 16.1 | 16.9 | 17.7 | 18.8 | 19.6 | 19.6 | 18.5 | 18.4 | 18.2 | 17.8 | 17.5 | 17.6 | 17.4 | 17.4 | 17.3 | 16.3 | 16.4 | 16.8 | 17.1 | 17.1 | 17.4 | 17.4 | 17.5 | |
| 30 | 17.4 | 16.8 | 16.0 | 16.6 | 17.5 | 18.9 | 20.0 | 19.8 | 18.8 | 18.0 | 17.8 | 17.8 | 17.5 | 17.6 | 17.6 | 17.5 | 17.4 | 17.4 | 17.4 | 16.8 | 17.3 | 17.4 | 17.4 | 17.6 | 17.7 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Среднее по всем дням | 17.3 | 16.8 | 16.2 | 16.9 | 17.8 | 19.0 | 19.4 | 19.2 | 18.5 | 18.1 | 17.7 | 17.4 | 17.4 | 16.8 | 16.8 | 16.4 | 16.3 | 16.3 | 16.8 | 16.8 | 17.3 | 17.6 | 17.6 | 17.7 | 17.4 | |

Международный год спокойного солнца

Ведомство Академия Наук СССР
Обсерватория Иркутск

Т А Б Л И Ц А
для обработки магнитных вариометров

Обсерватория Иркутск
Широта _____
Долгота _____
Вариометр Н-Боброва
Элемент горизонтальная сост.
Год 1970
Месяц ноябрь

Ведомство Академия Наук СССР

Широта

Долгота

Элемент горизонтальная составляющая

Обсерватория Эркутск

Месяц ноябрь Год 1970

$H = 19450^{\ast}$

$E_H = 2.76\% \text{ от } H = 19454^{\ast}$

| Время мин-ровое Дни | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 19 | 20 | 21 | 22 | 23 | Средн. суточн. | | |
|-------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----------------|-----|-----|
| 1 | 119 | 110 | 100 | 102 | 106 | 110 | 116 | 124 | 126 | 126 | 128 | 128 | 128 | 132 | 133 | 132 | 132 | 128 | 130 | 130 | 131 | 130 | 132 | 132 | 124 |
| 2 | 126 | 118 | 106 | 102 | 107 | 116 | 123 | 130 | 121 | 120 | 130 | 126 | 117 | 114 | 125 | 125 | 130 | 130 | 130 | 130 | 130 | 132 | 131 | 126 | 123 |
| 3 | 122 | 120 | 116 | 106 | 103 | 113 | 121 | 124 | 123 | 123 | 128 | 128 | 128 | 132 | 124 | 116 | 112 | 110 | 112 | 114 | 125 | 116 | 114 | 119 | |
| 4 | 119 | 120 | 112 | 106 | 103 | 111 | 114 | 123 | 119 | 120 | 120 | 115 | 114 | 125 | 128 | 128 | 128 | 124 | 125 | 125 | 124 | 126 | 126 | 123 | 120 |
| 5 | 119 | 122 | 118 | 107 | 102 | 108 | 110 | 123 | 121 | 117 | 120 | 124 | 123 | 130 | 128 | 131 | 134 | 137 | 134 | 136 | 140 | 142 | 137 | 134 | 125 |
| 6 | 130 | 120 | 106 | 100 | 95 | 98 | 104 | 104 | 90 | 81 | 76 | 72 | 91 | 99 | 92 | 98 | 109 | 112 | 116 | 116 | 118 | 124 | 121 | 120 | 104 |
| 7 | 128 | 103 | 102 | 90 | 62 | 66 | 78 | 66 | 29 | 26 | 22 | 54 | 57 | 44 | 42 | 48 | 74 | 81 | 83 | 86 | 94 | 90 | 88 | 80 | 71 |
| 8 | 80 | 74 | 64 | 60 | 70 | 80 | 90 | 92 | 90 | 91 | 93 | 97 | 107 | 102 | 98 | 103 | 104 | 106 | 108 | 115 | 110 | 112 | 114 | 114 | 95 |
| 9 | 108 | 100 | 95 | 89 | 89 | 88 | 94 | 95 | 95 | 90 | 96 | 102 | 104 | 112 | 112 | 125 | 116 | 111 | 112 | 116 | 112 | 112 | 114 | 114 | 104 |
| 10 | 110 | 100 | 90 | 96 | 94 | 86 | 101 | 108 | 109 | 99 | 96 | 82 | 80 | 86 | 111 | 103 | 95 | 108 | 107 | 110 | 109 | 106 | 109 | 110 | 100 |
| 11 | 99 | 86 | 92 | 84 | 84 | 88 | 91 | 91 | 85 | 80 | 98 | 96 | 102 | 108 | 101 | 118 | 132 | 108 | 108 | 110 | 116 | 117 | 105 | 109 | 100 |
| 12 | 102 | 94 | 87 | 80 | 88 | 98 | 106 | 103 | 106 | 97 | 99 | 106 | 106 | 120 | 113 | 102 | 119 | 113 | 116 | 115 | 116 | 116 | 116 | 118 | 106 |
| 13 | 117 | 110 | 99 | 90 | 96 | 102 | 98 | 106 | 110 | 110 | 106 | 105 | 98 | 120 | 93 | 97 | 98 | 99 | 99 | 104 | 108 | 113 | 112 | 114 | 104 |
| 14 | 111 | 109 | 109 | 103 | 101 | 102 | 109 | 116 | 114 | 117 | 114 | 113 | 116 | 117 | 122 | 115 | 115 | 114 | 120 | 119 | 117 | 118 | 120 | 120 | 114 |
| 15 | 119 | 118 | 112 | 106 | 102 | 103 | 112 | 123 | 123 | 121 | 120 | 120 | 125 | 125 | 125 | 125 | 128 | 131 | 130 | 128 | 129 | 124 | 125 | 128 | 121 |
| 16 | 124 | 121 | 117 | 117 | 119 | 124 | 130 | 134 | 131 | 128 | 125 | 125 | 126 | 138 | 142 | 150 | 145 | 153 | 139 | 138 | 136 | 141 | 141 | 138 | 133 |
| 17 | 126 | 122 | 117 | 114 | 115 | 130 | 142 | 140 | 140 | 134 | 128 | 124 | 128 | 131 | 136 | 134 | 132 | 132 | 130 | 130 | 131 | 130 | 131 | 128 | 129 |
| 18 | 126 | 123 | 114 | 112 | 116 | 118 | 124 | 133 | 137 | 136 | 136 | 132 | 145 | 147 | 128 | 88 | 93 | 114 | 118 | 117 | 118 | 120 | 114 | 88 | 121 |
| 19 | 76 | 64 | 57 | 48 | 48 | 51 | 64 | 90 | 90 | 92 | 90 | 98 | 100 | 100 | 100 | 103 | 108 | 108 | 106 | 105 | 110 | 109 | 114 | 116 | 89 |
| 20 | 114 | 109 | 98 | 92 | 92 | 100 | 109 | 114 | 118 | 118 | 116 | 117 | 121 | 124 | 124 | 124 | 124 | 125 | 126 | 125 | 125 | 126 | 126 | 130 | 117 |
| 21 | 128 | 124 | 112 | 98 | 104 | 108 | 118 | 106 | 79 | 48 | 34 | 12 | -2 | 72 | -2 | 10 | 52 | 81 | 82 | 84 | 88 | 90 | 90 | 96 | 76 |
| 22 | 97 | 92 | 94 | 94 | 90 | 90 | 101 | 96 | 88 | 90 | 77 | 80 | 85 | 82 | 76 | 87 | 79 | 96 | 98 | 94 | 95 | 98 | 100 | 98 | 91 |
| 23 | 90 | 83 | 76 | 70 | 72 | 76 | 82 | 81 | 76 | 76 | 68 | 72 | 96 | 97 | 70 | 48 | 80 | 71 | 96 | 110 | 86 | 98 | 94 | 100 | 82 |
| 24 | 94 | 90 | 84 | 88 | 86 | 108 | 119 | 124 | 115 | 115 | 116 | 119 | 122 | 124 | 120 | 114 | 98 | 100 | 96 | 112 | 114 | 114 | 112 | 118 | 108 |
| 25 | 117 | 117 | 118 | 118 | 114 | 114 | 118 | 121 | 121 | 114 | 122 | 121 | 118 | 122 | 126 | 124 | 124 | 128 | 128 | 112 | 114 | 118 | 122 | 124 | 120 |
| 26 | 118 | 116 | 112 | 104 | 100 | 103 | 114 | 123 | 128 | 128 | 124 | 124 | 128 | 128 | 143 | 129 | 125 | 124 | 124 | 134 | 125 | 125 | 126 | 122 | |
| 27 | 126 | 125 | 120 | 120 | 120 | 119 | 120 | 123 | 120 | 112 | 117 | 113 | 111 | 109 | 110 | 120 | 122 | 131 | 136 | 123 | 124 | 123 | 125 | 127 | 121 |
| 28 | 128 | 123 | 117 | 114 | 112 | 105 | 117 | 125 | 128 | 128 | 124 | 123 | 120 | 123 | 129 | 134 | 118 | 122 | 125 | 126 | 126 | 126 | 126 | 126 | 123 |
| 29 | 129 | 128 | 122 | 117 | 119 | 122 | 127 | 128 | 128 | 132 | 131 | 131 | 134 | 135 | 136 | 134 | 131 | 131 | 134 | 134 | 134 | 135 | 136 | 138 | 130 |
| 30 | 139 | 136 | 129 | 122 | 117 | 118 | 122 | 128 | 132 | 132 | 134 | 133 | 132 | 132 | 131 | 133 | 134 | 136 | 134 | 134 | 134 | 134 | 135 | 135 | 131 |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Средн. по всему периоду | 115 | 109 | 103 | 98 | 98 | 102 | 109 | 113 | 110 | 107 | 106 | 106 | 109 | 114 | 110 | 111 | 113 | 116 | 117 | 117 | 118 | 119 | 119 | 118 | 111 |

Обработал Михаленкова

Проверил Брунел

Международный год спокойного солнца

Ведомство Академия Наук СССР
Обсерватория Иркутск

Т А Б Л И Ц А
для обработки магнитных вариометров

Обсерватория Иркутск
Широта _____
Долгота _____
Вариометр Z-Боброва
Элемент Вертикальная составляющая
Год 1970
Месяц ноябрь

Среднемесчн. $Z = 57081^{\circ}$

Ведомство Академия Наук СССР

Широта

Долгота

Элемент Вертикальная составляющая

Обсерватория Циркутск

Месяц ноябрь Год 1970

$Z = 57050^{\circ}$

$Ez = 3.00^{\circ}/\text{мм}Z = 57054^{\circ}$

| Время ми- ровое Дни | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 19 | 20 | 21 | 22 | 23 | Средн. суточн. | | |
|---------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------------------|----|----|
| 1 | 34 | 34 | 31 | 28 | 25 | 27 | 30 | 31 | 31 | 30 | 30 | 30 | 31 | 30 | 30 | 30 | 29 | 29 | 28 | 28 | 28 | 28 | 29 | 30 | |
| 2 | 32 | 31 | 28 | 26 | 26 | 24 | 24 | 25 | 28 | 29 | 30 | 30 | 30 | 32 | 32 | 32 | 30 | 28 | 29 | 28 | 27 | 27 | 29 | 28 | |
| 3 | 32 | 32 | 30 | 24 | 24 | 28 | 27 | 28 | 30 | 30 | 30 | 28 | 28 | 30 | 30 | 30 | 31 | 32 | 30 | 30 | 27 | 24 | 26 | 29 | |
| 4 | 28 | 26 | 24 | 19 | 18 | 20 | 20 | 25 | 28 | 29 | 29 | 30 | 32 | 32 | 31 | 30 | 30 | 30 | 29 | 30 | 26 | 27 | 24 | 26 | 27 |
| 5 | 31 | 31 | 28 | 24 | 24 | 22 | 22 | 28 | 26 | 26 | 28 | 29 | 30 | 30 | 30 | 30 | 28 | 28 | 26 | 26 | 24 | 22 | 20 | 22 | 26 |
| 6 | 26 | 24 | 24 | 26 | 29 | 30 | 30 | 31 | 31 | 32 | 37 | 40 | 43 | 36 | 36 | 36 | 34 | 32 | 32 | 32 | 31 | 29 | 29 | 30 | 32 |
| 7 | 35 | 32 | 32 | 27 | 26 | 37 | 38 | 44 | 51 | 69 | 78 | 80 | 64 | 67 | 54 | 50 | 48 | 42 | 38 | 34 | 26 | 30 | 32 | 33 | 44 |
| 8 | 36 | 37 | 34 | 32 | 34 | 36 | 36 | 37 | 38 | 38 | 38 | 39 | 38 | 37 | 37 | 36 | 36 | 36 | 36 | 32 | 32 | 33 | 33 | 34 | 36 |
| 9 | 38 | 40 | 38 | 38 | 38 | 35 | 35 | 36 | 37 | 36 | 38 | 38 | 38 | 38 | 36 | 34 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 32 | 35 |
| 10 | 34 | 35 | 32 | 28 | 26 | 30 | 31 | 32 | 32 | 32 | 38 | 37 | 42 | 42 | 40 | 32 | 34 | 30 | 32 | 30 | 30 | 31 | 31 | 33 | 33 |
| 11 | 36 | 40 | 37 | 32 | 32 | 32 | 34 | 38 | 39 | 39 | 42 | 39 | 39 | 36 | 36 | 32 | 27 | 26 | 30 | 30 | 30 | 27 | 28 | 31 | 34 |
| 12 | 34 | 36 | 35 | 34 | 36 | 36 | 34 | 34 | 35 | 35 | 36 | 36 | 36 | 34 | 30 | 32 | 32 | 30 | 32 | 32 | 32 | 32 | 32 | 32 | 34 |
| 13 | 33 | 34 | 30 | 28 | 30 | 32 | 32 | 32 | 30 | 31 | 32 | 32 | 33 | 33 | 31 | 34 | 34 | 33 | 33 | 32 | 32 | 31 | 31 | 31 | 32 |
| 14 | 32 | 34 | 32 | 31 | 32 | 33 | 32 | 31 | 31 | 31 | 30 | 31 | 31 | 32 | 32 | 31 | 31 | 31 | 30 | 29 | 30 | 29 | 29 | 29 | 31 |
| 15 | 30 | 31 | 32 | 30 | 30 | 29 | 27 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 31 | 29 | 29 | 29 | 29 | 29 | 27 | 26 | 26 | 28 | 29 |
| 16 | 31 | 33 | 31 | 27 | 26 | 28 | 28 | 26 | 26 | 27 | 27 | 27 | 28 | 28 | 27 | 27 | 27 | 25 | 24 | 24 | 24 | 24 | 24 | 24 | 27 |
| 17 | 26 | 28 | 27 | 27 | 25 | 26 | 26 | 25 | 26 | 26 | 24 | 24 | 26 | 26 | 26 | 26 | 26 | 25 | 26 | 26 | 26 | 26 | 26 | 26 | 26 |
| 18 | 27 | 30 | 29 | 29 | 27 | 26 | 27 | 28 | 25 | 24 | 24 | 24 | 26 | 26 | 28 | 33 | 36 | 36 | 32 | 31 | 29 | 27 | 25 | 18 | 28 |
| 19 | 24 | 30 | 31 | 32 | 32 | 36 | 37 | 38 | 38 | 36 | 36 | 36 | 35 | 35 | 34 | 34 | 33 | 32 | 32 | 32 | 31 | 31 | 31 | 31 | 33 |
| 20 | 32 | 36 | 35 | 34 | 35 | 34 | 32 | 31 | 31 | 30 | 29 | 30 | 30 | 30 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 28 | 28 | 28 | 31 |
| 21 | 30 | 34 | 32 | 32 | 33 | 34 | 32 | 30 | 32 | 36 | 44 | 54 | 68 | 49 | 38 | 48 | 42 | 38 | 32 | 36 | 36 | 35 | 37 | 37 | 38 |
| 22 | 38 | 38 | 34 | 34 | 34 | 32 | 31 | 31 | 32 | 37 | 37 | 40 | 40 | 40 | 40 | 37 | 33 | 29 | 25 | 21 | 24 | 26 | 27 | 28 | 33 |
| 23 | 32 | 34 | 36 | 35 | 36 | 35 | 35 | 34 | 36 | 38 | 42 | 46 | 43 | 41 | 40 | 38 | 36 | 32 | 30 | 23 | 26 | 31 | 32 | 34 | 35 |
| 24 | 35 | 33 | 32 | 32 | 31 | 30 | 29 | 28 | 31 | 32 | 32 | 31 | 30 | 30 | 30 | 32 | 33 | 34 | 35 | 32 | 31 | 32 | 31 | 32 | 32 |
| 25 | 31 | 32 | 32 | 30 | 30 | 30 | 30 | 30 | 32 | 32 | 32 | 32 | 31 | 32 | 32 | 30 | 30 | 30 | 24 | 25 | 26 | 27 | 27 | 27 | 30 |
| 26 | 29 | 32 | 31 | 29 | 26 | 26 | 27 | 31 | 31 | 30 | 30 | 29 | 28 | 30 | 30 | 28 | 26 | 25 | 26 | 26 | 27 | 25 | 24 | 24 | 28 |
| 27 | 25 | 28 | 27 | 23 | 21 | 22 | 24 | 26 | 28 | 28 | 28 | 28 | 30 | 30 | 31 | 30 | 30 | 29 | 25 | 25 | 25 | 25 | 24 | 24 | 26 |
| 28 | 26 | 29 | 29 | 26 | 26 | 26 | 26 | 30 | 30 | 29 | 28 | 28 | 28 | 29 | 30 | 25 | 25 | 25 | 26 | 26 | 26 | 26 | 26 | 25 | 27 |
| 29 | 26 | 26 | 24 | 22 | 22 | 20 | 20 | 24 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 25 | 26 | 26 | 25 | 25 | 24 | 24 | 24 | 24 | 25 |
| 30 | 25 | 26 | 26 | 22 | 20 | 18 | 20 | 24 | 26 | 26 | 25 | 25 | 25 | 25 | 26 | 26 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | |
| реднее по всем дням | 31 | 32 | 31 | 29 | 28 | 29 | 29 | 31 | 32 | 32 | 34 | 34 | 35 | 34 | 33 | 32 | 31 | 30 | 29 | 29 | 28 | 28 | 28 | 28 | 31 |

Обработал Михаленова

Проверил Бруннов

Международный год спокойного солнца

Ведомство Академия Наук СССР
Обсерватория Иркутск

Т А Б Л И Ц А для обработки магнитных вариометров

Обсерватория Иркутск
Широта _____
Долгота _____
Вариометр D-Боброва
Элемент Склонение
Год 1970
Месяц декабрь

Среднемесчн. $D = -2^{\circ} 17.6'$

Ведомство Академия Наук СССР

Широта

Долгота

Элемент

Склонение

Обсерватория Циркутск

Месяц декабрь Год 1970

$D = -2^{\circ}00'00'' +$

$E_D = 0.408' \text{ на } D = -2^{\circ}27.1'$

| Время мировое Дни | | | | | | | | | | | | | | | | | | | | | | | Средн. суточн. | | |
|----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------------|------|------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 19 | 20 | 21 | 22 | 23 | | | |
| 1 | 17.3 | 16.6 | 16.4 | 16.7 | 17.4 | 18.6 | 19.2 | 19.0 | 18.2 | 17.8 | 17.8 | 17.8 | 17.7 | 17.7 | 17.8 | 17.6 | 17.4 | 17.3 | 17.5 | 17.3 | 17.1 | 17.1 | 17.2 | 17.2 | 17.6 |
| 2 | 16.8 | 16.7 | 15.8 | 16.3 | 17.8 | 18.9 | 19.4 | 18.7 | 18.0 | 17.5 | 17.5 | 17.4 | 17.5 | 17.5 | 17.5 | 17.3 | 17.2 | 16.3 | 16.3 | 16.2 | 15.2 | 16.0 | 16.5 | 16.7 | 17.1 |
| 3 | 16.7 | 16.9 | 16.5 | 16.8 | 17.8 | 18.4 | 18.9 | 18.2 | 17.4 | 17.6 | 17.3 | 17.4 | 17.4 | 17.4 | 17.4 | 17.5 | 16.9 | 17.2 | 17.3 | 17.0 | 17.0 | 17.3 | 17.6 | 17.1 | 17.4 |
| 4 | 16.8 | 15.9 | 15.6 | 16.4 | 17.7 | 18.8 | 18.9 | 18.5 | 17.8 | 17.7 | 17.7 | 17.5 | 17.5 | 17.3 | 17.3 | 17.4 | 17.5 | 17.2 | 17.1 | 16.9 | 17.3 | 18.1 | 15.9 | 16.7 | 17.3 |
| 5 | 16.6 | 16.9 | 17.2 | 17.3 | 18.2 | 18.5 | 18.5 | 19.3 | 18.6 | 18.3 | 17.3 | 17.4 | 17.3 | 17.3 | 17.1 | 13.2 | 16.9 | 17.3 | 17.3 | 17.3 | 17.1 | 17.0 | 17.0 | 17.0 | 17.3 |
| 6 | 16.7 | 16.2 | 16.0 | 16.1 | 17.2 | 18.4 | 18.6 | 18.5 | 17.9 | 18.1 | 18.5 | 18.6 | 17.8 | 14.9 | 14.5 | 13.8 | 13.7 | 14.2 | 15.6 | 15.4 | 16.1 | 16.6 | 17.2 | 17.2 | 16.6 |
| 7 | 16.8 | 16.1 | 15.4 | 16.4 | 16.9 | 17.6 | 18.1 | 18.4 | 18.0 | 17.4 | 18.1 | 18.2 | 16.4 | 16.8 | 15.7 | 15.3 | 16.1 | 16.4 | 17.0 | 17.7 | 15.8 | 20.0 | 19.7 | 20.0 | 17.3 |
| 8 | 17.7 | 17.8 | 18.3 | 17.0 | 18.8 | 18.7 | 19.1 | 18.0 | 19.0 | 19.1 | 17.0 | 17.6 | 16.2 | 16.2 | 15.8 | 16.9 | 17.3 | 17.0 | 17.4 | 16.2 | 16.0 | 16.5 | 18.5 | 18.3 | 17.5 |
| 9 | 17.8 | 16.6 | 15.9 | 16.3 | 17.7 | 18.9 | 19.9 | 19.3 | 18.5 | 17.7 | 16.2 | 16.8 | 17.7 | 17.1 | 16.6 | 16.8 | 17.0 | 17.4 | 17.5 | 17.4 | 17.7 | 18.0 | 17.9 | 17.9 | 17.5 |
| 10 | 17.2 | 16.5 | 16.0 | 16.9 | 18.4 | 19.2 | 19.5 | 19.1 | 18.2 | 17.8 | 17.9 | 17.8 | 16.5 | 16.8 | 16.4 | 15.7 | 16.2 | 17.1 | 17.7 | 17.9 | 18.1 | 17.9 | 17.9 | 17.6 | 17.5 |
| 11 | 17.1 | 15.8 | 14.9 | 15.1 | 16.2 | 17.1 | 17.7 | 18.1 | 18.0 | 17.7 | 17.5 | 17.7 | 17.7 | 17.7 | 17.4 | 17.5 | 17.7 | 17.7 | 17.7 | 17.4 | 17.6 | 17.8 | 18.0 | 17.8 | 17.3 |
| 12 | 17.5 | 16.8 | 15.7 | 15.8 | 17.4 | 18.7 | 19.3 | 18.9 | 18.1 | 17.4 | 17.6 | 17.3 | 18.0 | 17.2 | 16.8 | 16.9 | 17.2 | 17.0 | 16.9 | 16.9 | 17.0 | 17.4 | 17.9 | 16.9 | 17.4 |
| 13 | 16.9 | 17.0 | 17.6 | 18.0 | 18.5 | 18.9 | 19.0 | 18.5 | 18.2 | 17.4 | 17.3 | 17.5 | 17.5 | 17.5 | 17.3 | 17.2 | 17.3 | 17.3 | 16.7 | 17.2 | 17.3 | 16.9 | 17.1 | 17.7 | 17.6 |
| 14 | 16.7 | 17.0 | 18.0 | 18.6 | 17.5 | 18.4 | 19.0 | 21.6 | 25.9 | 22.4 | 24.2 | 18.1 | 18.1 | 15.8 | 14.6 | 16.0 | 17.1 | 17.2 | 16.6 | 15.2 | 14.4 | 16.6 | 15.6 | 18.8 | 18.1 |
| 15 | 18.0 | 18.5 | 19.3 | 18.8 | 18.7 | 18.7 | 19.5 | 19.0 | 18.5 | 19.0 | 17.4 | 16.6 | 17.0 | 17.0 | 16.9 | 16.1 | 16.8 | 17.3 | 16.5 | 16.9 | 16.8 | 17.2 | 17.1 | 17.7 | 17.7 |
| 16 | 17.3 | 17.5 | 18.0 | 18.9 | 20.2 | 20.2 | 20.2 | 19.9 | 19.0 | 18.1 | 17.7 | 17.3 | 17.3 | 17.7 | 17.6 | 17.8 | 17.7 | 17.6 | 16.7 | 16.9 | 16.9 | 17.2 | 17.3 | 17.8 | 18.0 |
| 17 | 17.1 | 17.1 | 17.5 | 18.0 | 18.6 | 19.2 | 18.8 | 18.5 | 18.1 | 17.5 | 17.1 | 16.9 | 17.2 | 17.3 | 16.7 | 17.5 | 17.9 | 17.8 | 17.8 | 18.0 | 18.0 | 17.6 | 17.3 | 16.9 | 17.7 |
| 18 | 16.8 | 16.5 | 16.6 | 16.8 | 17.7 | 18.0 | 17.9 | 18.0 | 17.8 | 17.5 | 17.5 | 17.5 | 17.5 | 17.0 | 17.5 | 17.7 | 17.9 | 17.8 | 18.0 | 17.9 | 18.0 | 17.8 | 17.6 | 17.6 | 17.5 |
| 19 | 17.5 | 17.3 | 17.3 | 18.1 | 18.6 | 18.8 | 18.3 | 17.8 | 18.0 | 19.4 | 18.1 | 17.7 | 17.5 | 17.6 | 17.6 | 17.7 | 17.7 | 17.7 | 18.0 | 17.8 | 16.7 | 17.1 | 19.2 | 18.0 | 17.9 |
| 20 | 16.9 | 17.1 | 17.9 | 17.9 | 18.2 | 18.8 | 18.5 | 17.9 | 18.4 | 19.0 | 18.1 | 18.5 | 17.2 | 16.1 | 16.8 | 17.7 | 17.9 | 18.1 | 17.9 | 17.9 | 17.3 | 17.9 | 18.4 | 18.0 | 17.9 |
| 21 | 16.9 | 15.8 | 15.9 | 16.7 | 17.6 | 18.6 | 19.3 | 19.4 | 19.1 | 18.1 | 17.7 | 17.5 | 16.6 | 17.2 | 17.4 | 17.6 | 17.7 | 17.9 | 17.9 | 17.8 | 18.0 | 17.8 | 16.9 | 17.2 | 17.6 |
| 22 | 16.8 | 16.3 | 16.6 | 17.5 | 18.0 | 18.5 | 18.9 | 18.9 | 18.4 | 17.8 | 17.7 | 17.2 | 16.6 | 16.9 | 16.9 | 16.5 | 16.8 | 17.0 | 17.0 | 17.0 | 17.0 | 18.4 | 17.4 | 17.4 | 17.4 |
| 23 | 17.1 | 16.3 | 15.8 | 16.1 | 17.9 | 19.0 | 19.6 | 18.8 | 17.8 | 17.3 | 18.1 | 17.8 | 17.4 | 17.1 | 16.7 | 15.4 | 16.9 | 17.3 | 17.3 | 17.8 | 17.7 | 17.6 | 17.3 | 16.9 | 17.4 |
| 24 | 18.8 | 20.9 | 20.2 | 20.5 | 19.5 | 19.9 | 21.4 | 21.0 | 20.4 | 18.8 | 17.4 | 17.1 | 17.5 | 17.7 | 16.2 | 17.0 | 17.9 | 17.4 | 16.5 | 16.7 | 16.9 | 16.2 | 17.2 | 17.4 | 18.4 |
| 25 | 17.7 | 16.9 | 16.2 | 16.8 | 17.7 | 19.1 | 19.7 | 19.4 | 18.1 | 17.7 | 17.7 | 17.4 | 17.4 | 17.3 | 17.3 | 17.0 | 17.3 | 16.9 | 16.5 | 16.5 | 16.2 | 17.0 | 16.9 | 17.4 | 17.4 |
| 26 | 16.6 | 16.4 | 16.3 | 17.2 | 18.7 | 19.9 | 20.8 | 19.8 | 18.9 | 18.1 | 17.4 | 17.4 | 17.1 | 16.9 | 17.3 | 17.3 | 17.3 | 16.9 | 17.3 | 17.0 | 16.9 | 17.1 | 16.7 | 16.9 | 17.6 |
| 27 | 16.9 | 16.3 | 16.2 | 17.0 | 17.3 | 18.8 | 19.7 | 19.7 | 19.0 | 18.1 | 18.2 | 18.5 | 18.0 | 17.8 | 19.1 | 17.6 | 16.8 | 16.4 | 16.2 | 15.0 | 15.4 | 13.2 | 12.8 | 15.4 | 17.1 |
| 28 | 17.0 | 18.6 | 18.9 | 20.2 | 19.3 | 20.2 | 20.6 | 19.4 | 18.4 | 17.9 | 18.9 | 19.1 | 17.4 | 19.0 | 17.4 | 16.4 | 14.9 | 14.0 | 14.4 | 11.4 | 14.5 | 14.4 | 15.4 | 19.3 | 17.4 |
| 29 | 18.2 | 18.2 | 17.3 | 17.6 | 18.5 | 19.7 | 20.0 | 19.6 | 18.8 | 18.4 | 18.3 | 18.5 | 18.2 | 17.2 | 17.6 | 17.7 | 17.6 | 16.4 | 15.8 | 16.5 | 17.0 | 17.6 | 18.9 | 23.8 | 18.2 |
| 30 | 19.7 | 19.8 | 18.9 | 18.6 | 18.5 | 18.6 | 19.3 | 18.4 | 17.9 | 17.6 | 17.9 | 17.9 | 17.7 | 17.7 | 17.7 | 16.8 | 17.6 | 16.2 | 17.1 | 17.3 | 17.2 | 17.6 | 17.6 | 17.6 | 18.0 |
| 31 | 17.2 | 16.8 | 16.5 | 17.0 | 18.6 | 19.7 | 19.8 | 18.6 | 17.5 | 17.3 | 17.4 | 17.7 | 17.7 | 17.7 | 17.7 | 17.8 | 17.7 | 17.6 | 17.3 | 17.3 | 17.5 | 17.6 | 17.6 | 17.6 | 17.7 |
| Среднее по декабрю | 17.3 | 17.1 | 16.9 | 17.3 | 18.1 | 18.9 | 19.3 | 19.0 | 18.6 | 18.1 | 17.9 | 17.7 | 17.4 | 17.2 | 17.0 | 16.8 | 17.1 | 17.0 | 17.0 | 16.8 | 16.8 | 17.1 | 17.3 | 17.7 | 17.6 |

Международный год спокойного солнца

Ведомство Академия Наук СССР
Обсерватория Иркутск

Т А Б Л И Ц А
для обработки магнитных вариометров

Обсерватория Иркутск
Широта _____
Долгота _____
Вариометр Н-Боброва
Элемент Горизонтальная составля.
Год 1970
Месяц декабрь

Ведомство Академия Наук СССР

Широта

Долгота

Элемент Горизонтальная составляющая

Обсерватория Иркутск

Месяц декабрь Год 1970

$H = 19450^*$

$E_H = 2.76 \text{ км } H_0 = 19454^*$

| Время мировое Дни | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 19 | 20 | 21 | 22 | 23 | Средн. суточн. | |
|-----------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------------------|-----|
| 1 | 134 | 132 | 126 | 120 | 117 | 124 | 135 | 142 | 140 | 138 | 138 | 138 | 138 | 136 | 136 | 136 | 136 | 136 | 136 | 136 | 136 | 138 | 134 | |
| 2 | 135 | 135 | 132 | 128 | 130 | 135 | 140 | 144 | 144 | 142 | 140 | 140 | 140 | 146 | 138 | 142 | 146 | 130 | 134 | 132 | 132 | 132 | 135 | 137 |
| 3 | 131 | 128 | 128 | 125 | 127 | 130 | 136 | 134 | 128 | 131 | 134 | 136 | 136 | 136 | 136 | 135 | 134 | 134 | 134 | 132 | 132 | 133 | 131 | 132 |
| 4 | 128 | 125 | 118 | 116 | 117 | 126 | 132 | 134 | 131 | 131 | 134 | 138 | 132 | 136 | 145 | 144 | 144 | 147 | 142 | 139 | 140 | 130 | 134 | 134 |
| 5 | 134 | 128 | 117 | 114 | 117 | 124 | 123 | 128 | 120 | 108 | 123 | 122 | 130 | 128 | 116 | 116 | 121 | 130 | 130 | 131 | 132 | 134 | 135 | 125 |
| 6 | 134 | 131 | 125 | 122 | 120 | 126 | 130 | 124 | 113 | 112 | 105 | 109 | 120 | 128 | 114 | 109 | 100 | 114 | 117 | 117 | 118 | 120 | 122 | 118 |
| 7 | 126 | 124 | 122 | 120 | 123 | 132 | 132 | 132 | 125 | 125 | 119 | 115 | 108 | 102 | 106 | 112 | 117 | 123 | 128 | 118 | 128 | 146 | 134 | 122 |
| 8 | 123 | 108 | 109 | 84 | 87 | 92 | 91 | 98 | 100 | 102 | 95 | 98 | 97 | 118 | 104 | 112 | 115 | 117 | 127 | 113 | 113 | 114 | 114 | 106 |
| 9 | 117 | 114 | 108 | 104 | 103 | 105 | 114 | 120 | 124 | 123 | 114 | 118 | 123 | 118 | 118 | 122 | 128 | 128 | 127 | 125 | 127 | 129 | 130 | 120 |
| 10 | 128 | 126 | 123 | 118 | 114 | 115 | 123 | 127 | 125 | 118 | 120 | 119 | 118 | 112 | 114 | 125 | 122 | 125 | 130 | 125 | 128 | 130 | 134 | 123 |
| 11 | 135 | 132 | 124 | 118 | 118 | 120 | 124 | 130 | 130 | 128 | 128 | 130 | 131 | 132 | 132 | 134 | 134 | 138 | 139 | 138 | 140 | 142 | 144 | 131 |
| 12 | 144 | 142 | 135 | 130 | 128 | 129 | 129 | 131 | 133 | 128 | 130 | 125 | 116 | 112 | 111 | 123 | 128 | 130 | 131 | 130 | 128 | 131 | 130 | 128 |
| 13 | 132 | 128 | 124 | 120 | 118 | 124 | 131 | 136 | 136 | 134 | 135 | 135 | 134 | 134 | 135 | 136 | 136 | 138 | 136 | 136 | 136 | 131 | 136 | 132 |
| 14 | 139 | 137 | 156 | 152 | 132 | 86 | 30 | -41 | -12 | 35 | 48 | 34 | 16 | 38 | 48 | 55 | 51 | 93 | 66 | 70 | 80 | 94 | 73 | 68 |
| 15 | 67 | 68 | 60 | 58 | 62 | 63 | 65 | 62 | 61 | 60 | 66 | 76 | 82 | 92 | 81 | 86 | 79 | 85 | 84 | 88 | 90 | 92 | 95 | 75 |
| 16 | 93 | 90 | 84 | 81 | 86 | 90 | 97 | 100 | 103 | 106 | 104 | 106 | 107 | 106 | 104 | 100 | 100 | 104 | 103 | 103 | 102 | 103 | 106 | 99 |
| 17 | 106 | 106 | 98 | 87 | 87 | 94 | 100 | 106 | 106 | 106 | 103 | 104 | 106 | 107 | 106 | 109 | 110 | 116 | 116 | 116 | 116 | 116 | 117 | 106 |
| 18 | 114 | 110 | 103 | 98 | 98 | 105 | 112 | 116 | 116 | 116 | 116 | 116 | 116 | 117 | 117 | 117 | 118 | 120 | 124 | 125 | 130 | 140 | 139 | 117 |
| 19 | 132 | 128 | 125 | 127 | 123 | 126 | 129 | 132 | 124 | 108 | 123 | 126 | 127 | 126 | 128 | 132 | 136 | 132 | 137 | 128 | 121 | 130 | 142 | 128 |
| 20 | 134 | 123 | 110 | 103 | 106 | 107 | 109 | 104 | 93 | 84 | 84 | 90 | 102 | 103 | 106 | 112 | 114 | 120 | 122 | 118 | 116 | 118 | 120 | 109 |
| 21 | 120 | 118 | 109 | 104 | 102 | 104 | 106 | 106 | 108 | 109 | 110 | 114 | 117 | 120 | 121 | 124 | 124 | 125 | 125 | 125 | 126 | 120 | 120 | 116 |
| 22 | 123 | 114 | 106 | 100 | 100 | 104 | 109 | 114 | 112 | 117 | 121 | 122 | 128 | 128 | 124 | 125 | 124 | 126 | 124 | 126 | 114 | 126 | 128 | 118 |
| 23 | 130 | 128 | 120 | 117 | 114 | 114 | 118 | 123 | 128 | 128 | 126 | 117 | 123 | 122 | 112 | 118 | 128 | 124 | 127 | 130 | 131 | 131 | 125 | 123 |
| 24 | 113 | 111 | 98 | 88 | 84 | 87 | 92 | 105 | 116 | 121 | 118 | 116 | 115 | 114 | 122 | 123 | 121 | 120 | 120 | 123 | 118 | 118 | 118 | 112 |
| 25 | 117 | 115 | 112 | 106 | 104 | 108 | 116 | 122 | 124 | 123 | 123 | 125 | 125 | 128 | 124 | 128 | 126 | 114 | 116 | 124 | 120 | 120 | 124 | 119 |
| 26 | 127 | 125 | 114 | 102 | 98 | 100 | 112 | 120 | 120 | 124 | 124 | 125 | 125 | 125 | 126 | 125 | 122 | 125 | 125 | 124 | 125 | 125 | 126 | 120 |
| 27 | 131 | 130 | 123 | 116 | 117 | 120 | 126 | 128 | 131 | 130 | 128 | 131 | 128 | 128 | 115 | 123 | 120 | 112 | 112 | 116 | 130 | 123 | 124 | 123 |
| 28 | 123 | 120 | 109 | 114 | 118 | 124 | 124 | 126 | 125 | 120 | 118 | 116 | 106 | 100 | 99 | 100 | 90 | 108 | 80 | 91 | 95 | 94 | 103 | 108 |
| 29 | 100 | 102 | 96 | 95 | 94 | 100 | 105 | 106 | 109 | 112 | 114 | 116 | 115 | 117 | 120 | 123 | 117 | 120 | 130 | 132 | 134 | 125 | 145 | 115 |
| 30 | 126 | 119 | 110 | 103 | 112 | 112 | 117 | 118 | 118 | 117 | 119 | 119 | 118 | 118 | 116 | 118 | 137 | 112 | 117 | 123 | 122 | 124 | 128 | 118 |
| 31 | 127 | 123 | 114 | 108 | 109 | 116 | 125 | 132 | 132 | 130 | 127 | 130 | 130 | 130 | 128 | 131 | 128 | 131 | 131 | 132 | 134 | 135 | 136 | 127 |
| по средним по восьмидням | 123 | 120 | 114 | 109 | 109 | 111 | 114 | 115 | 115 | 115 | 116 | 116 | 116 | 118 | 116 | 119 | 119 | 122 | 122 | 121 | 122 | 124 | 125 | 118 |

Международный год спокойного солнца

Ведомство Академия Наук СССР
Обсерватория Иркутск

Т А Б Л И Ц А
для обработки магнитных вариометров

Обсерватория Иркутск
Широта _____
Долгота _____
Вариометр Z-Боброва
Элемент Вертикальная состн.
Год 1970
Месяц декабрь.

Среднемесчн. $Z = 57075^x$

Ведомство Академия Наук СССР

Широта

Долгота

Элемент Вертикальная составляющая

Обсерватория Цркутек

Месяц декабрь Год 1970

$Z = 57050^y +$

$EZ = 3.00\% \text{ мм } Z_0 = 57054^y$

| Время мин-ровое Дни | | | | | | | | | | | | | | | | | | | | | | | Средн. суточн. | | |
|------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----------------|----|----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 19 | 20 | 21 | 22 | 23 | | | |
| 1 | 25 | 26 | 24 | 24 | 24 | 24 | 22 | 24 | 24 | 23 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | |
| 2 | 24 | 24 | 24 | 22 | 24 | 21 | 20 | 21 | 20 | 20 | 22 | 22 | 22 | 22 | 20 | 23 | 20 | 20 | 24 | 22 | 22 | 22 | 22 | 22 | 22 |
| 3 | 24 | 26 | 24 | 24 | 24 | 20 | 20 | 20 | 22 | 22 | 24 | 24 | 24 | 24 | 24 | 22 | 22 | 22 | 24 | 22 | 22 | 22 | 22 | 22 | 23 |
| 4 | 24 | 25 | 24 | 24 | 24 | 24 | 24 | 24 | 22 | 22 | 23 | 22 | 22 | 24 | 23 | 22 | 22 | 22 | 24 | 22 | 22 | 22 | 22 | 22 | 22 |
| 5 | 23 | 24 | 24 | 24 | 22 | 21 | 20 | 25 | 26 | 24 | 25 | 24 | 24 | 24 | 24 | 25 | 26 | 25 | 24 | 22 | 22 | 22 | 22 | 24 | |
| 6 | 24 | 24 | 23 | 20 | 20 | 20 | 20 | 22 | 22 | 23 | 25 | 26 | 26 | 26 | 24 | 26 | 26 | 26 | 24 | 22 | 22 | 22 | 22 | 24 | |
| 7 | 26 | 26 | 22 | 21 | 21 | 22 | 21 | 22 | 22 | 22 | 23 | 25 | 25 | 28 | 28 | 28 | 28 | 28 | 28 | 26 | 26 | 26 | 26 | 24 | |
| 8 | 21 | 25 | 25 | 21 | 25 | 27 | 28 | 31 | 32 | 32 | 30 | 32 | 32 | 33 | 29 | 28 | 26 | 26 | 24 | 22 | 22 | 22 | 22 | 26 | |
| 9 | 26 | 27 | 25 | 22 | 21 | 22 | 24 | 24 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 25 | 22 | 22 | 22 | 22 | 22 | 22 | 24 | |
| 10 | 24 | 26 | 26 | 20 | 20 | 24 | 22 | 24 | 24 | 25 | 25 | 24 | 24 | 26 | 26 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | |
| 11 | 24 | 27 | 26 | 24 | 21 | 24 | 19 | 22 | 22 | 25 | 24 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | |
| 12 | 21 | 22 | 24 | 20 | 20 | 20 | 22 | 24 | 24 | 23 | 23 | 22 | 23 | 26 | 26 | 26 | 25 | 24 | 24 | 22 | 22 | 22 | 22 | 22 | |
| 13 | 22 | 22 | 23 | 22 | 23 | 23 | 24 | 26 | 23 | 22 | 22 | 22 | 22 | 22 | 20 | 20 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | |
| 14 | 19 | 22 | 20 | 16 | 16 | 14 | 20 | 42 | 70 | 50 | 55 | 56 | 54 | 50 | 46 | 42 | 42 | 40 | 32 | 24 | 28 | 29 | 26 | 24 | 35 |
| 15 | 30 | 32 | 34 | 36 | 37 | 37 | 36 | 35 | 37 | 38 | 40 | 37 | 36 | 36 | 34 | 34 | 34 | 34 | 32 | 33 | 32 | 32 | 31 | 31 | 34 |
| 16 | 32 | 33 | 32 | 34 | 34 | 34 | 36 | 34 | 34 | 34 | 32 | 32 | 31 | 30 | 30 | 30 | 31 | 31 | 30 | 30 | 30 | 30 | 30 | 30 | 32 |
| 17 | 30 | 31 | 32 | 32 | 32 | 34 | 34 | 32 | 30 | 29 | 30 | 30 | 30 | 30 | 29 | 30 | 28 | 27 | 27 | 27 | 28 | 26 | 26 | 26 | 30 |
| 18 | 30 | 31 | 32 | 34 | 34 | 34 | 32 | 30 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 28 |
| 19 | 24 | 24 | 23 | 24 | 24 | 23 | 22 | 23 | 24 | 26 | 26 | 25 | 25 | 25 | 25 | 24 | 24 | 23 | 23 | 23 | 22 | 23 | 24 | 21 | 24 |
| 20 | 22 | 20 | 20 | 24 | 28 | 28 | 28 | 27 | 29 | 29 | 30 | 32 | 31 | 30 | 29 | 28 | 27 | 26 | 26 | 26 | 26 | 24 | 24 | 24 | 27 |
| 21 | 28 | 28 | 26 | 25 | 26 | 28 | 28 | 28 | 28 | 28 | 28 | 26 | 26 | 26 | 25 | 25 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 26 |
| 22 | 26 | 27 | 26 | 30 | 30 | 31 | 30 | 30 | 27 | 28 | 26 | 26 | 26 | 24 | 25 | 25 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 26 |
| 23 | 26 | 28 | 26 | 28 | 26 | 26 | 28 | 30 | 29 | 25 | 24 | 25 | 25 | 25 | 26 | 26 | 24 | 22 | 24 | 24 | 22 | 22 | 22 | 22 | 25 |
| 24 | 24 | 28 | 28 | 30 | 30 | 26 | 28 | 30 | 31 | 30 | 26 | 26 | 26 | 28 | 28 | 25 | 25 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 26 |
| 25 | 24 | 26 | 26 | 26 | 29 | 28 | 26 | 27 | 26 | 26 | 26 | 25 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 25 |
| 26 | 23 | 25 | 26 | 26 | 27 | 28 | 29 | 30 | 29 | 26 | 26 | 25 | 25 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 25 |
| 27 | 24 | 25 | 26 | 26 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 23 | 24 | 24 | 24 | 26 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 23 |
| 28 | 18 | 19 | 20 | 26 | 26 | 22 | 25 | 25 | 24 | 22 | 24 | 24 | 26 | 28 | 30 | 30 | 28 | 25 | 16 | 19 | 22 | 20 | 19 | 20 | 23 |
| 29 | 20 | 25 | 26 | 28 | 25 | 22 | 23 | 27 | 27 | 26 | 26 | 26 | 26 | 26 | 25 | 24 | 25 | 25 | 25 | 24 | 22 | 22 | 22 | 18 | 24 |
| 30 | 14 | 16 | 22 | 24 | 21 | 19 | 21 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 23 | 16 | 20 | 22 | 22 | 22 | 22 | 20 | 22 |
| 31 | 22 | 23 | 25 | 26 | 24 | 22 | 22 | 24 | 22 | 21 | 22 | 22 | 21 | 21 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 22 |
| Среднее по всем дням | 24 | 25 | 25 | 25 | 25 | 25 | 25 | 27 | 27 | 26 | 27 | 27 | 27 | 27 | 26 | 26 | 26 | 25 | 24 | 24 | 23 | 23 | 23 | 22 | 25 |

Обработал Михаленова

Проведил БНИИВ