

Станция Чэлен

Арктический и Антарктический научно-исследовательский институт

М 34

Год 1969 месяц январьЭлемент  $D=14^{\circ}30'0''$ 

о = \_\_\_\_\_ Е = \_\_\_\_\_

| число           | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 18   | 18   | 19   | 20   | 21   | 22   | 23   | 24   | Средне-<br>суточн. | Время | Макси-<br>мум | Мини-<br>мум | Время | Ампли-<br>туда | Хар.<br>0,12 | Числен-<br>ная ха-<br>рактер. | Особ.<br>явления | Сумма |
|-----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--------------------|-------|---------------|--------------|-------|----------------|--------------|-------------------------------|------------------|-------|
| 1               | 8    | 10   | 11   | 11   | 12   | 11   | 10   | 9    | 12   | 8    | 21   | 11   | 11   | 7    | 11   | 19   | 17   | 22   | 16   | 15   | 14   | 12   | 12   | 11   | 12.5 |                    |       |               |              |       |                |              |                               |                  |       |
| 2               | 11   | 11   | 11   | 11   | 11   | 12   | 12   | 12   | 12   | 11   | 12   | 12   | 12   | 13   | 9    | 13   | 14   | 13   | 13   | 13   | 13   | 13   | 12   | 12   | 12.0 |                    |       |               |              |       |                |              |                               |                  |       |
| 3 <sup>G</sup>  | 12   | 12   | 11   | 11   | 11   | 11   | 11   | 11   | 11   | 11   | 11   | 11   | 11   | 11   | 12   | 14   | 13   | 13   | 12   | 12   | 12   | 13   | 14   | 14   | 11.9 |                    |       |               |              |       |                |              |                               |                  |       |
| 4               | 12   | 12   | 11   | 11   | 11   | 11   | 11   | 11   | 12   | 12   | 11   | 12   | 15   | 14   | 12   | 12   | 14   | 14   | 14   | 13   | 13   | 13   | 12   | 12   | 12.3 |                    |       |               |              |       |                |              |                               |                  |       |
| 5               | 12   | 11   | 11   | 11   | 11   | 11   | 11   | 11   | 11   | 11   | 11   | 11   | 14   | 14   | 14   | 14   | 13   | 13   | 13   | 13   | 13   | 12   | 12   | 12   | 12.1 |                    |       |               |              |       |                |              |                               |                  |       |
| 6 <sup>G</sup>  | 12   | 11   | 11   | 11   | 11   | 11   | 11   | 11   | 11   | 11   | 12   | 12   | 13   | 14   | 14   | 14   | 14   | 14   | 13   | 13   | 13   | 12   | 12   | 12   | 12.2 |                    |       |               |              |       |                |              |                               |                  |       |
| 7               | 11   | 11   | 11   | 11   | 12   | 12   | 12   | 11   | 9    | 9    | 11   | 11   | 10   | 17   | 15   | 14   | 15   | 17   | 14   | 20   | 17   | 14   | 12   | 11   | 12.8 |                    |       |               |              |       |                |              |                               |                  |       |
| 8               | 9    | 9    | 8    | 7    | 9    | 11   | 11   | 12   | 15   | 11   | 9    | 11   | 11   | 12   | 11   | 10   | 13   | 15   | 15   | 12   | 12   | 11   | 9    | 3    | 10.7 |                    |       |               |              |       |                |              |                               |                  |       |
| 9               | 7    | 7    | 7    | 7    | 10   | 10   | 11   | 11   | 12   | 12   | 12   | 12   | 12   | 13   | 13   | 14   | 13   | 14   | 14   | 14   | 15   | 12   | 11   | 11   | 11.4 |                    |       |               |              |       |                |              |                               |                  |       |
| 10 <sup>G</sup> | 11   | 11   | 11   | 11   | 11   | 11   | 12   | 12   | 11   | 11   | 11   | 11   | 8    | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 13   | 11   | 11   | 11   | 12.2 |                    |       |               |              |       |                |              |                               |                  |       |
| 11              | 11   | 10   | 10   | 11   | 11   | 11   | 11   | 11   | 10   | 11   | 12   | 12   | 12   | 15   | 14   | 15   | 18   | 18   | 17   | 14   | 14   | 11   | 11   | 11   | 12.5 |                    |       |               |              |       |                |              |                               |                  |       |
| 12              | 10   | 11   | 11   | 10   | 11   | 11   | 10   | 11   | 10   | 6    | 18   | 15   | 11   | 19   | 9    | 24   | 15   | 25   | 22   | 14   | 11   | 11   | 10   | 11   | 13.2 |                    |       |               |              |       |                |              |                               |                  |       |
| 13 <sup>G</sup> | 11   | 10   | 11   | 11   | 11   | 11   | 12   | 13   | 12   | 11   | 14   | 14   | 12   | 13   | 14   | 13   | 13   | 13   | 12   | 13   | 14   | 14   | 14   | 12   | 12.4 |                    |       |               |              |       |                |              |                               |                  |       |
| 14              | 9    | 7    | 10   | 11   | 11   | 11   | 11   | 15   | 12   | 10   | 11   | 11   | 11   | 12   | 12   | 14   | 14   | 16   | 18   | 11   | 16   | 14   | 6    | 8    | 11.7 |                    |       |               |              |       |                |              |                               |                  |       |
| 15 <sup>D</sup> | 10   | 8    | 9    | 8    | 8    | 9    | 9    | 11   | 11   | 9    | 12   | 14   | 12   | 15   | 15   | 16   | 15   | 16   | 13   | 15   | 16   | 15   | 14   | 12   | 12.2 |                    |       |               |              |       |                |              |                               |                  |       |
| 16              | 11   | 9    | 9    | 7    | 9    | 8    | 9    | 13   | 12   | 13   | 16   | 13   | 11   | 11   | 19   | 15   | 18   | 15   | 15   | 15   | 12   | 11   | 12   | 11   | 12.2 |                    |       |               |              |       |                |              |                               |                  |       |
| 17 <sup>D</sup> | 6    | 6    | 4    | 7    | 7    | 6    | 11   | 12   | 11   | 23   | 15   | 9    | 7    | 11   | 17   | 17   | 17   | 20   | 1    | 12   | 15   | 9    | 7    | 6    | 10.7 |                    |       |               |              |       |                |              |                               |                  |       |
| 18 <sup>D</sup> | 1    | 4    | 11   | 9    | 7    | 11   | 14   | 21   | 13   | 11   | 11   | 16   | 15   | 15   | 11   | 11   | 12   | 7    | 15   | 19   | 14   | 11   | 9    | 9    | 11.5 |                    |       |               |              |       |                |              |                               |                  |       |
| 19              | 11   | 17   | 11   | 10   | 11   | 11   | 11   | 10   | 13   | 20   | 9    | 15   | 20   | 11   | 17   | 15   | 14   | 15   | 10   | 13   | 15   | 11   | 10   | 11   | 13.0 |                    |       |               |              |       |                |              |                               |                  |       |
| 20              | 11   | 9    | 9    | 8    | 8    | 9    | 9    | 12   | 11   | 12   | 11   | 11   | 15   | 9    | 14   | 9    | 12   | 15   | 17   | 12   | 13   | 11   | 8    | 7    | 10.9 |                    |       |               |              |       |                |              |                               |                  |       |
| 21              | 11   | 9    | 8    | 11   | 10   | 11   | 14   | 12   | 11   | 15   | 16   | 11   | 11   | 13   | 14   | 13   | 13   | 13   | 12   | 12   | 13   | 13   | 13   | 13   | 12.2 |                    |       |               |              |       |                |              |                               |                  |       |
| 22              | 12   | 11   | 11   | 11   | 12   | 12   | 11   | 11   | 14   | 11   | 12   | 12   | 12   | 13   | 12   | 13   | 12   | 11   | 13   | 15   | 16   | 15   | 14   | 12   | 12.4 |                    |       |               |              |       |                |              |                               |                  |       |
| 23              | 11   | 10   | 11   | 11   | 11   | 11   | 11   | 11   | 12   | 12   | 13   | 15   | 14   | 14   | 15   | 11   | 11   | 18   | 16   | 15   | 15   | 15   | 12   | 12   | 12.8 |                    |       |               |              |       |                |              |                               |                  |       |
| 24              | 11   | 11   | 11   | 11   | 11   | 11   | 11   | 12   | 12   | 12   | 12   | 12   | 12   | 25   | 22   | 31   | 32   | 22   | 13   | 11   | 7    | -1   | 7    | 11   | 13.7 |                    |       |               |              |       |                |              |                               |                  |       |
| 25 <sup>D</sup> | 9    | 1    | 7    | 11   | 12   | 10   | 7    | 15   | 14   | 11   | 4    | 33   | 18   | 2    | 31   | 17   | 1    | 3    | 21   | 11   | -1   | 14   | 12   | 11   | 11.4 |                    |       |               |              |       |                |              |                               |                  |       |
| 26 <sup>D</sup> | 7    | 8    | 10   | 8    | 9    | 11   | 13   | 14   | 13   | 12   | 11   | 23   | 17   | 19   | 20   | 11   | 17   | 18   | 17   | 15   | 16   | 13   | 7    | 4    | 13.0 |                    |       |               |              |       |                |              |                               |                  |       |
| 27              | 9    | 9    | 10   | 11   | 11   | 11   | 11   | 12   | 19   | 17   | 7    | 11   | 15   | 7    | 19   | 17   | 8    | 20   | 15   | 19   | 15   | 14   | 10   | 7    | 12.7 |                    |       |               |              |       |                |              |                               |                  |       |
| 28              | 7    | 7    | 9    | 10   | 11   | 11   | 13   | 12   | 12   | 11   | 12   | 12   | 12   | 12   | 12   | 11   | 12   | 12   | 14   | 14   | 14   | 12   | 10   | 10   | 11.3 |                    |       |               |              |       |                |              |                               |                  |       |
| 29 <sup>G</sup> | 8    | 9    | 11   | 11   | 11   | 11   | 11   | 12   | 12   | 12   | 12   | 13   | 12   | 12   | 12   | 12   | 12   | 13   | 12   | 14   | 14   | 14   | 12   | 12   | 11.8 |                    |       |               |              |       |                |              |                               |                  |       |
| 30              | 9    | 7    | 10   | 11   | 12   | 11   | 12   | 13   | 12   | 19   | 23   | 12   | 10   | 11   | 12   | 12   | 11   | 12   | 15   | 17   | 16   | 15   | 13   | 11   | 12.8 |                    |       |               |              |       |                |              |                               |                  |       |
| 31              | 11   | 10   | 11   | 11   | 11   | 12   | 12   | 13   | 11   | 8    | 9    | 11   | 11   | 12   | 21   | 15   | 25   | 20   | 18   | 15   | 12   | 13   | 12   | 11   | 13.1 |                    |       |               |              |       |                |              |                               |                  |       |
| средн.          | 9.7  | 9.3  | 9.9  | 10.0 | 10.5 | 10.7 | 11.1 | 12.2 | 12.0 | 12.0 | 12.3 | 13.2 | 12.5 | 12.9 | 14.8 | 14.5 | 14.3 | 15.2 | 14.4 | 14.1 | 13.3 | 12.2 | 11.0 | 10.4 | 12.2 |                    |       |               |              |       |                |              |                               |                  |       |
| сумма           | 10.8 | 10.6 | 11.0 | 11.0 | 11.0 | 11.0 | 11.4 | 11.8 | 11.4 | 11.2 | 12.0 | 12.2 | 11.2 | 13.0 | 13.4 | 13.6 | 13.4 | 13.6 | 12.8 | 13.4 | 13.2 | 12.8 | 12.6 | 12.2 | 12.1 |                    |       |               |              |       |                |              |                               |                  |       |
| D               | 6.6  | 5.4  | 8.2  | 8.6  | 8.6  | 9.4  | 10.8 | 14.6 | 12.4 | 13.2 | 10.6 | 19.0 | 13.8 | 12.4 | 18.8 | 14.4 | 12.4 | 12.8 | 13.4 | 14.4 | 12.0 | 12.4 | 9.8  | 8.4  | 11.8 |                    |       |               |              |       |                |              |                               |                  |       |

ПРИМЕЧАНИЯ:

Обработка

Контроль

Станция Уэлен

Арктический и Антарктический научно-исследовательский институт

Год 1969 месяц январьэлемент H = 14000  $\gamma^{+...}$ 

|         | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12   | 13   | 14   | 15  | 16  | 17   | 18  |  | 19  | 20  | 21  | 22  | 23  | 24  | средне<br>суточн |  |  |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|-----|-----|------|-----|--|-----|-----|-----|-----|-----|-----|------------------|--|--|
| 1       | 122 | 122 | 115 | 122 | 126 | 122 | 122 | 122 | 122 | 118 | 115 | 127  | 123  | 100  | 85  | 108 | 108  | 112 |  | 123 | 131 | 135 | 131 | 131 | 127 | 120              |  |  |
| 2       | 119 | 116 | 119 | 120 | 117 | 132 | 136 | 132 | 132 | 132 | 128 | 124  | 117  | 124  | 113 | 117 | 128  | 132 |  | 132 | 132 | 132 | 128 | 124 | 124 | 125              |  |  |
| 3Q      | 120 | 124 | 124 | 124 | 128 | 132 | 132 | 132 | 132 | 132 | 132 | 131  | 131  | 127  | 127 | 131 | 127  | 131 |  | 131 | 131 | 131 | 131 | 127 | 127 | 129              |  |  |
| 4       | 119 | 116 | 119 | 123 | 127 | 131 | 131 | 131 | 127 | 127 | 123 | 116  | 116  | 123  | 123 | 127 | 127  | 131 |  | 131 | 131 | 131 | 131 | 131 | 123 | 126              |  |  |
| 5       | 117 | 120 | 124 | 124 | 124 | 128 | 132 | 132 | 132 | 132 | 128 | 128  | 128  | 132  | 132 | 132 | 128  | 132 |  | 128 | 128 | 128 | 128 | 124 | 120 | 128              |  |  |
| 6Q      | 124 | 124 | 124 | 125 | 129 | 129 | 129 | 129 | 129 | 125 | 129 | 125  | 125  | 125  | 129 | 129 | 129  | 129 |  | 129 | 129 | 129 | 129 | 125 | 125 | 127              |  |  |
| 7       | 125 | 125 | 129 | 133 | 140 | 140 | 140 | 140 | 133 | 132 | 139 | 170  | 71   | 147  | 136 | 132 | 124  | 117 |  | 94  | 79  | 117 | 124 | 117 | 117 | 126              |  |  |
| 8       | 119 | 123 | 123 | 131 | 131 | 142 | 146 | 135 | 131 | 138 | 131 | 131  | 123  | 119  | 116 | 112 | 127  | 123 |  | 123 | 108 | 119 | 131 | 108 | 100 | 125              |  |  |
| 9       | 116 | 119 | 123 | 123 | 138 | 138 | 135 | 131 | 131 | 131 | 123 | 123  | 123  | 122  | 115 | 122 | 122  | 118 |  | 118 | 118 | 118 | 115 | 115 | 111 | 123              |  |  |
| 10Q     | 111 | 118 | 122 | 130 | 134 | 134 | 137 | 134 | 130 | 130 | 126 | 126  | 115  | 122  | 126 | 122 | 122  | 122 |  | 122 | 127 | 127 | 123 | 119 | 112 | 125              |  |  |
| 11      | 116 | 123 | 127 | 131 | 131 | 131 | 131 | 131 | 135 | 131 | 131 | 131  | 131  | 131  | 123 | 123 | 123  | 127 |  | 123 | 131 | 127 | 123 | 123 | 123 | 127              |  |  |
| 12      | 123 | 123 | 127 | 131 | 131 | 131 | 135 | 131 | 135 | 138 | 138 | 107  | 92   | -30  | 96  | 137 | 99   | 92  |  | 122 | 126 | 122 | 118 | 115 | 111 | 115              |  |  |
| 13Q     | 115 | 118 | 118 | 122 | 130 | 130 | 130 | 130 | 126 | 126 | 118 | 115  | 115  | 130  | 130 | 130 | 130  | 130 |  | 130 | 130 | 130 | 122 | 118 | 115 | 124              |  |  |
| 14      | 107 | 107 | 122 | 126 | 130 | 130 | 131 | 138 | 131 | 135 | 146 | 127  | 131  | 127  | 127 | 123 | 123  | 127 |  | 123 | 123 | 131 | 119 | 108 | 112 | 125              |  |  |
| 15D     | 104 | 108 | 123 | 135 | 131 | 138 | 146 | 138 | 142 | 161 | 154 | 138  | 131  | 135  | 131 | 123 | 127  | 119 |  | 124 | 17  | 131 | 131 | 123 | 116 | 122              |  |  |
| 16      | 116 | 116 | 123 | 131 | 135 | 146 | 146 | 146 | 142 | 142 | 154 | 138  | 150  | 70   | 85  | 104 | 150  | 135 |  | 127 | 131 | 131 | 131 | 123 | 104 | 128              |  |  |
| 17D     | 78  | 104 | 108 | 131 | 146 | 142 | 157 | 154 | 146 | 157 | 131 | 146  | 70   | 97   | 127 | 100 | 112  | 36  |  | 2   | 70  | 123 | 100 | 108 | 104 | 110              |  |  |
| 18D     | 90  | 109 | 128 | 124 | 124 | 139 | 155 | 132 | 136 | 139 | 127 | 150  | 116  | 100  | 47  | 70  | 40   | -6  |  | 100 | 131 | 138 | 116 | 116 | 116 | 110              |  |  |
| 19      | 104 | 108 | 123 | 131 | 138 | 138 | 142 | 142 | 142 | 161 | 146 | 135  | 62   | 66   | 131 | 127 | 123  | 108 |  | 85  | 85  | 119 | 112 | 112 | 123 | 119              |  |  |
| 20      | 119 | 123 | 123 | 116 | 123 | 135 | 138 | 142 | 142 | 131 | 131 | 135  | 123  | 32   | 74  | 51  | 78   | 97  |  | 116 | 116 | 127 | 123 | 112 | 112 | 113              |  |  |
| 21      | 119 | 119 | 112 | 123 | 135 | 131 | 135 | 138 | 142 | 135 | 150 | 131  | 127  | 127  | 127 | 127 | 127  | 123 |  | 119 | 124 | 128 | 128 | 124 | 124 | 128              |  |  |
| 22      | 120 | 120 | 124 | 128 | 136 | 139 | 139 | 139 | 139 | 136 | 136 | 132  | 132  | 128  | 128 | 128 | 128  | 120 |  | 128 | 128 | 128 | 120 | 117 | 117 | 129              |  |  |
| 23      | 120 | 124 | 124 | 132 | 136 | 136 | 132 | 131 | 131 | 131 | 131 | 142  | 138  | 131  | 131 | 119 | 119  | 131 |  | 138 | 138 | 131 | 127 | 131 | 138 | 131              |  |  |
| 24      | 135 | 131 | 135 | 135 | 135 | 135 | 136 | 136 | 136 | 136 | 136 | 132  | 120  | 60   | -16 | -81 | -24  | 120 |  | 67  | 60  | -35 | 41  | 124 | 124 | 88               |  |  |
| 25D     | 113 | 109 | 128 | 143 | 143 | 128 | 185 | 238 | 280 | 186 | 136 | -233 | -256 | -165 | -35 | -13 | -286 | 63  |  | 74  | -2  | 51  | 142 | 142 | 135 | 40               |  |  |
| 26D     | 70  | 123 | 123 | 142 | 131 | 131 | 123 | 131 | 127 | 135 | -51 | 123  | 82   | 105  | 6   | 71  | 132  | 138 |  | 128 | 124 | 120 | 113 | 105 | 117 | 113              |  |  |
| 27      | 124 | 124 | 128 | 128 | 124 | 113 | 120 | 136 | 136 | 132 | 123 | 56   | 41   | -195 | 9   | 67  | 14   | 128 |  | 113 | 120 | 128 | 120 | 113 | 105 | 93               |  |  |
| 28      | 117 | 120 | 124 | 132 | 136 | 136 | 132 | 132 | 128 | 128 | 86  | 124  | 120  | 120  | 120 | 117 | 120  | 117 |  | 120 | 124 | 124 | 120 | 120 | 108 | 124              |  |  |
| 29Q     | 112 | 116 | 123 | 127 | 127 | 131 | 130 | 126 | 126 | 126 | 122 | 126  | 126  | 122  | 126 | 130 | 130  | 120 |  | 130 | 134 | 130 | 130 | 130 | 126 | 126              |  |  |
| 30      | 118 | 118 | 126 | 130 | 126 | 126 | 130 | 131 | 131 | 116 | 123 | 135  | 131  | 131  | 127 | 127 | 123  | 130 |  | 127 | 131 | 127 | 123 | 119 | 119 | 126              |  |  |
| 31      | 119 | 123 | 127 | 131 | 135 | 135 | 135 | 131 | 127 | 127 | 123 | 112  | 108  | 62   | 89  | -6  | 47   | 119 |  | 142 | 142 | 138 | 127 | 127 | 123 | 115              |  |  |
| Средн   | 114 | 123 | 123 | 129 | 132 | 133 | 137 | 138 | 138 | 134 | 124 | 116  | 102  | 88   | 102 | 100 | 96   | 127 |  | 112 | 113 | 120 | 121 | 120 | 118 | 118              |  |  |
| Средн Q | 116 | 120 | 122 | 126 | 130 | 131 | 132 | 130 | 129 | 128 | 125 | 125  | 122  | 125  | 128 | 128 | 128  | 128 |  | 128 | 130 | 129 | 127 | 124 | 121 | 126              |  |  |
| Средн D | 91  | 111 | 122 | 135 | 135 | 136 | 153 | 159 | 166 | 146 | 97  | 65   | 29   | 54   | 55  | 70  | 25   | 28  |  | 86  | 68  | 113 | 120 | 119 | 118 | 99               |  |  |

Станция Уэлен

Арктический и Антарктический научно-исследовательский институт

Год 1969 месяц январьэлемент z=53400X<sup>+</sup>

|            | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13   | 14   | 15  | 16  | 17  | 18   |  | 19  | 20  | 21  | 22  | 23  | 24  | средне<br>суточн |  |  |
|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|-----|-----|-----|------|--|-----|-----|-----|-----|-----|-----|------------------|--|--|
| 1          | 158 | 166 | 166 | 166 | 166 | 162 | 162 | 173 | 173 | 162 | 150 | 150 | 142  | 118  | 55  | 94  | 106 | 87   |  | 106 | 128 | 140 | 144 | 152 | 156 | 141              |  |  |
| 2          | 164 | 164 | 160 | 160 | 164 | 164 | 164 | 160 | 156 | 156 | 156 | 160 | 160  | 156  | 143 | 108 | 143 | 147  |  | 151 | 155 | 155 | 155 | 159 | 163 | 155              |  |  |
| 3Q         | 163 | 163 | 159 | 159 | 159 | 155 | 155 | 155 | 155 | 155 | 156 | 156 | 156  | 152  | 140 | 149 | 153 | 153  |  | 153 | 153 | 153 | 157 | 157 | 157 | 155              |  |  |
| 4          | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 153  | 157  | 152 | 148 | 148 | 144  |  | 148 | 148 | 156 | 156 | 156 | 160 | 155              |  |  |
| 5          | 160 | 160 | 156 | 156 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155  | 147  | 147 | 147 | 147 | 147  |  | 150 | 150 | 154 | 154 | 154 | 154 | 153              |  |  |
| 6Q         | 154 | 154 | 154 | 154 | 154 | 154 | 154 | 154 | 154 | 154 | 150 | 150 | 154  | 154  | 150 | 150 | 150 | 150  |  | 150 | 154 | 150 | 154 | 153 | 153 | 153              |  |  |
| 7          | 153 | 153 | 153 | 153 | 149 | 150 | 150 | 154 | 154 | 169 | 185 | 162 | 76   | 182  | 186 | 174 | 163 | 151  |  | 131 | 53  | 100 | 136 | 148 | 152 | 147              |  |  |
| 8          | 156 | 156 | 156 | 164 | 164 | 164 | 171 | 171 | 171 | 171 | 168 | 164 | 160  | 156  | 152 | 132 | 148 | 144  |  | 140 | 144 | 132 | 136 | 144 | 148 | 155              |  |  |
| 9          | 148 | 160 | 164 | 164 | 171 | 171 | 169 | 172 | 165 | 165 | 162 | 158 | 158  | 154  | 146 | 151 | 159 | 155  |  | 151 | 155 | 151 | 155 | 155 | 151 | 159              |  |  |
| 10         | 155 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 158 | 154 | 154 | 158 | 127  | 142  | 158 | 154 | 150 | 142  |  | 150 | 150 | 150 | 150 | 153 | 157 | 153              |  |  |
| 11         | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 161 | 157 | 156 | 156  | 156  | 125 | 128 | 148 | 144  |  | 144 | 136 | 136 | 144 | 144 | 148 | 150              |  |  |
| 12         | 148 | 148 | 152 | 156 | 152 | 152 | 156 | 157 | 161 | 188 | 207 | 180 | 154  | 119  | 41  | 80  | 130 | 92   |  | 128 | 143 | 151 | 159 | 159 | 159 | 145              |  |  |
| 13Q        | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 155 | 155 | 159 | 167 | 159 | 143  | 151  | 155 | 155 | 155 | 154  |  | 150 | 150 | 154 | 154 | 154 | 154 | 156              |  |  |
| 14         | 154 | 154 | 158 | 162 | 162 | 166 | 166 | 172 | 188 | 172 | 157 | 161 | 165  | 161  | 157 | 153 | 149 | 149  |  | 149 | 145 | 126 | 133 | 126 | 126 | 155              |  |  |
| 15D        | 149 | 153 | 165 | 165 | 169 | 161 | 172 | 172 | 176 | 204 | 219 | 184 | 172  | 176  | 175 | 160 | 156 | 152  |  | 93  | 39  | 74  | 128 | 140 | 152 | 154              |  |  |
| 16         | 156 | 156 | 156 | 160 | 160 | 160 | 171 | 171 | 168 | 171 | 179 | 187 | 168  | 23   | 70  | 105 | 160 | 161  |  | 157 | 153 | 153 | 153 | 153 | 157 | 150              |  |  |
| 17D        | 165 | 165 | 172 | 180 | 180 | 196 | 188 | 172 | 179 | 206 | 187 | 191 | 109  | 117  | 148 | 136 | 140 | 93   |  | 82  | 62  | 109 | 132 | 144 | 156 | 150              |  |  |
| 18D        | 148 | 144 | 160 | 171 | 183 | 195 | 195 | 183 | 171 | 148 | 152 | 78  | 86   | 132  | 90  | 62  | 70  | 47   |  | 74  | 121 | 156 | 148 | 156 | 156 | 134              |  |  |
| 19         | 164 | 171 | 171 | 171 | 168 | 168 | 171 | 171 | 175 | 156 | 156 | 171 | 114  | 44   | 114 | 149 | 153 | 145  |  | 141 | 118 | 126 | 133 | 133 | 141 | 147              |  |  |
| 20         | 153 | 161 | 157 | 165 | 171 | 175 | 183 | 180 | 172 | 169 | 165 | 161 | 149  | 106  | 94  | 98  | 91  | 98   |  | 102 | 118 | 129 | 141 | 149 | 153 | 143              |  |  |
| 21         | 157 | 157 | 157 | 156 | 160 | 160 | 164 | 164 | 160 | 156 | 140 | 148 | 152  | 152  | 156 | 152 | 152 | 148  |  | 152 | 148 | 152 | 156 | 156 | 156 | 155              |  |  |
| 22         | 160 | 160 | 160 | 160 | 156 | 156 | 156 | 155 | 155 | 147 | 159 | 155 | 151  | 155  | 155 | 151 | 151 | 151  |  | 151 | 155 | 151 | 151 | 155 | 151 | 154              |  |  |
| 23         | 151 | 155 | 155 | 156 | 156 | 156 | 156 | 156 | 152 | 152 | 156 | 152 | 140  | 152  | 152 | 136 | 101 | 109  |  | 132 | 140 | 144 | 148 | 144 | 144 | 146              |  |  |
| 24         | 148 | 148 | 148 | 152 | 152 | 148 | 148 | 148 | 148 | 148 | 148 | 148 | 140  | 31   | -28 | -94 | -93 | -44  |  | 22  | 46  | 42  | 11  | 104 | 135 | 86               |  |  |
| 25D        | 155 | 170 | 182 | 182 | 182 | 186 | 213 | 202 | 170 | 127 | 147 | 175 | -273 | -59  | -59 | 39  | -47 | -121 |  | 15  | 39  | 82  | 132 | 156 | 164 | 90               |  |  |
| 26D        | 195 | 246 | 187 | 187 | 179 | 171 | 164 | 164 | 160 | 156 | 160 | 128 | -28  | 66   | 97  | 121 | 140 | 152  |  | 148 | 152 | 144 | 144 | 148 | 148 | 147              |  |  |
| 27         | 147 | 155 | 159 | 163 | 163 | 170 | 174 | 194 | 209 | 186 | 155 | 77  | 14   | -130 | 18  | 92  | 38  | 69   |  | 108 | 96  | 120 | 139 | 146 | 154 | 117              |  |  |
| 28         | 158 | 162 | 169 | 169 | 169 | 169 | 162 | 158 | 162 | 163 | 163 | 159 | 159  | 155  | 155 | 155 | 155 | 155  |  | 156 | 156 | 156 | 156 | 164 | 164 | 160              |  |  |
| 29Q        | 164 | 164 | 164 | 165 | 165 | 165 | 165 | 162 | 162 | 162 | 158 | 158 | 158  | 158  | 158 | 154 | 154 | 154  |  | 150 | 150 | 150 | 154 | 158 | 158 | 159              |  |  |
| 30         | 158 | 158 | 158 | 162 | 162 | 158 | 158 | 158 | 162 | 177 | 165 | 172 | 165  | 161  | 157 | 153 | 153 | 149  |  | 149 | 153 | 153 | 153 | 157 | 157 | 159              |  |  |
| 31         | 157 | 157 | 160 | 160 | 160 | 156 | 160 | 156 | 160 | 168 | 179 | 164 | 152  | 109  | 97  | 39  | 0   | 93   |  | 132 | 140 | 140 | 148 | 152 | 156 | 137              |  |  |
| Средн      | 158 | 161 | 161 | 163 | 163 | 164 | 166 | 165 | 165 | 164 | 164 | 156 | 122  | 118  | 118 | 120 | 120 | 118  |  | 128 | 127 | 135 | 142 | 149 | 153 | 146              |  |  |
| Средн<br>Q | 159 | 160 | 159 | 159 | 159 | 158 | 158 | 157 | 157 | 157 | 157 | 156 | 148  | 151  | 152 | 152 | 152 | 151  |  | 151 | 151 | 151 | 154 | 155 | 156 | 155              |  |  |
| Средн<br>D | 162 | 176 | 173 | 177 | 179 | 182 | 186 | 179 | 171 | 168 | 173 | 151 | 13   | 86   | 90  | 104 | 92  | 65   |  | 82  | 83  | 113 | 137 | 149 | 155 | 135              |  |  |

Станция Уэлен

Арктический и Антарктический научно-исследовательский институт

М 34

Год 1969 месяц февральЭлемент  $D = 14^{\circ}30'0''$ O =        E =       

| число  | 1    | 2    | 3   | 4   | 5   | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 18   | 19   | 20   | 21   | 22   | 23   | 24   | Средне-<br>суточн. | Время | Макси-<br>мум | Мини-<br>мум | Время | Ампли-<br>туда | Уар.<br>0,12 | Числен-<br>ная ха-<br>рактер. | Особ.<br>явления | Сумма |  |
|--------|------|------|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--------------------|-------|---------------|--------------|-------|----------------|--------------|-------------------------------|------------------|-------|--|
| 1Q     | 11   | 11   | 11  | 11  | 11  | 11   | 11   | 11   | 11   | 11   | 11   | 11   | 11   | 11   | 9    | 12   | 13   |      | 11   | 15   | 14   | 14   | 14   | 13   | 11.7               |       |               |              |       |                |              |                               |                  |       |  |
| 2D     | 11   | 10   | 11  | 11  | 11  | 11   | 12   | 12   | 12   | 11   | 10   | 11   | 14   | 12   | 11   | 4    | 28   | 24   | -114 | -34  | 43   | -3   | -22  | -5   | 3.8                |       |               |              |       |                |              |                               |                  |       |  |
| 3D     | 9    | -6   | 3   | 2   | 4   | 4    | 7    | 23   | 25   | 9    | 7    | 3    | -1   | -5   | 7    | 19   | 20   | 27   | 22   | 7    | 9    | -4   | 6    | 12   | 8.7                |       |               |              |       |                |              |                               |                  |       |  |
| 4      | 9    | 9    | 11  | 12  | 12  | 11   | 11   | 11   | 11   | 13   | 9    | 11   | 12   | 14   | 15   | 14   | 15   | 13   | 15   | 18   | 17   | 17   | 11   | 5    | 12.3               |       |               |              |       |                |              |                               |                  |       |  |
| 5      | 3    | 7    | 8   | 11  | 10  | 9    | 10   | 12   | 11   | 9    | 2    | 11   | 15   | 15   | 12   | 17   | 20   | 21   | 17   | 15   | 14   | 12   | 11   | 11   | 11.8               |       |               |              |       |                |              |                               |                  |       |  |
| 6      | 10   | 9    | 8   | 7   | 11  | 9    | 7    | 11   | 9    | 17   | 19   | 10   | 11   | 12   | 12   | 13   | 13   | 13   | 12   | 14   | 14   | 13   | 10   | 6    | 11.2               |       |               |              |       |                |              |                               |                  |       |  |
| 7      | 10   | 9    | 10  | 11  | 11  | 11   | 10   | 11   | 10   | 11   | 11   | 11   | 11   | 12   | 16   | 19   | 19   | 15   | 15   | 19   | 19   | 13   | 11   | 8    | 12.6               |       |               |              |       |                |              |                               |                  |       |  |
| 8      | 0    | 4    | 9   | 10  | 11  | 7    | 10   | 11   | 12   | 12   | 13   | 11   | 12   | 12   | 14   | 14   | 16   | 9    | 19   | 19   | 17   | 15   | 10   | 9    | 11.5               |       |               |              |       |                |              |                               |                  |       |  |
| 9Q     | 7    | 8    | 7   | 9   | 10  | 11   | 11   | 11   | 12   | 11   | 12   | 11   | 12   | 14   | 13   | 16   | 17   | 15   | 15   | 15   | 15   | 14   | 13   | 11   | 12.1               |       |               |              |       |                |              |                               |                  |       |  |
| 10     | 9    | 7    | 9   | 10  | 11  | 11   | 11   | 11   | 12   | 15   | 13   | 11   | 12   | 14   | 13   | 13   | 7    | 15   | 18   | 18   | 20   | 2    | -5   | -3   | 10.6               |       |               |              |       |                |              |                               |                  |       |  |
| 11D    | 5    | 3    | 7   | 7   | 10  | 9    | 20   | 20   | 12   | 10   | 4    | 3    | 20   | 15   | 15   | 39   | 87   | 137  | 36   | 11   | 25   | 3    | 12   | 11   | 21.7               |       |               |              |       |                |              |                               |                  |       |  |
| 12     | 5    | 7    | 6   | 9   | 9   | 9    | 11   | 12   | 11   | 11   | 11   | 11   | 11   | 11   | 11   | 11   | 11   | 12   | 11   | 11   | 13   | 16   | 15   | 10   | 10.6               |       |               |              |       |                |              |                               |                  |       |  |
| 13     | 6    | 7    | 6   | 7   | 10  | 10   | 11   | 7    | 12   | 3    | 14   | 11   | 11   | 13   | 17   | 19   | 17   | 15   | 13   | 15   | 14   | 7    | 12   | 12   | 11.2               |       |               |              |       |                |              |                               |                  |       |  |
| 14     | 12   | 10   | 7   | 7   | 8   | 10   | 11   | 11   | 12   | 11   | 14   | 17   | 14   | 12   | 13   | 11   | 12   | 15   | 19   | 17   | 17   | 17   | 11   | 5    | 12.2               |       |               |              |       |                |              |                               |                  |       |  |
| 15D    | 7    | 7    | 7   | 6   | 9   | 7    | 7    | 10   | 10   | 24   | 6    | 15   | 14   | 14   | 9    | 16   | 19   | 11   | 9    | 7    | 24   | 17   | 14   | 15   | 11.8               |       |               |              |       |                |              |                               |                  |       |  |
| 16     | 12   | 10   | 8   | 7   | 7   | 7    | 9    | 10   | 20   | 9    | 11   | 15   | 15   | 15   | 15   | 10   | 10   | 15   | 15   | 12   | 14   | 15   | 15   | 15   | 12.1               |       |               |              |       |                |              |                               |                  |       |  |
| 17Q    | 12   | 11   | 10  | 9   | 9   | 9    | 10   | 12   | 11   | 11   | 12   | 11   | 11   | 13   | 13   | 11   | 11   | 12   | 14   | 15   | 15   | 16   | 16   | 15   | 12.0               |       |               |              |       |                |              |                               |                  |       |  |
| 18Q    | 14   | 12   | 11  | 10  | 10  | 11   | 11   | 11   | 12   | 12   | 12   | 12   | 12   | 13   | 13   | 13   | 13   | 13   | 15   | 16   | 15   | 15   | 14   | 14   | 12.7               |       |               |              |       |                |              |                               |                  |       |  |
| 19     | 14   | 11   | 9   | 7   | 7   | 7    | 8    | 11   | 12   | 12   | 12   | 14   | 24   | 21   | 20   | 17   | 16   | 13   | 14   | 15   | 15   | 12   | 12   | 12   | 13.1               |       |               |              |       |                |              |                               |                  |       |  |
| 20     | 12   | 11   | 9   | 7   | 6   | 8    | 10   | 11   | 11   | 11   | 13   | 14   | 16   | 17   | 16   | 15   | 9    | 11   | 19   | 19   | 17   | 15   | 13   | 11   | 12.5               |       |               |              |       |                |              |                               |                  |       |  |
| 21     | 6    | 6    | 8   | 9   | 11  | 9    | 9    | 9    | 11   | 11   | 12   | 12   | 13   | 12   | 12   | 12   | 14   | 15   | 15   | 16   | 17   | 17   | 15   | 14   | 11.9               |       |               |              |       |                |              |                               |                  |       |  |
| 22Q    | 12   | 11   | 10  | 9   | 9   | 11   | 11   | 11   | 11   | 12   | 12   | 11   | 15   | 15   | 15   | 16   | 12   | 17   | 15   | 19   | 19   | 18   | 15   | 14   | 13.3               |       |               |              |       |                |              |                               |                  |       |  |
| 23     | 11   | 10   | 8   | 9   | 7   | 7    | 10   | 10   | 11   | 12   | 17   | 14   | 18   | 24   | 14   | 12   | 15   | 16   | 16   | 17   | 17   | 16   | 14   | 13   | 13.2               |       |               |              |       |                |              |                               |                  |       |  |
| 24     | 10   | 9    | 8   | 8   | 9   | 9    | 11   | 11   | 15   | 12   | 12   | 13   | 14   | 14   | 14   | 13   | 13   | 12   | 17   | 18   | 19   | 18   | 16   | 15   | 12.9               |       |               |              |       |                |              |                               |                  |       |  |
| 25     | 11   | 9    | 9   | 8   | 10  | 10   | 10   | 11   | 12   | 12   | 13   | 14   | 17   | 14   | 13   | 13   | 12   | 11   | 13   | 16   | 16   | 18   | 15   | 15   | 12.6               |       |               |              |       |                |              |                               |                  |       |  |
| 26     | 11   | 9    | 7   | 7   | 5   | 8    | 9    | 8    | 11   | 13   | 11   | 13   | 15   | 16   | 15   | 12   | 14   | 15   | 12   | 15   | 17   | 15   | 14   | 12   | 11.8               |       |               |              |       |                |              |                               |                  |       |  |
| 27D    | 10   | 10   | 9   | 9   | 6   | 11   | 7    | 7    | 11   | 11   | 12   | 13   | 17   | 9    | 3    | 34   | 19   | 12   | 17   | 13   | 15   | 11   | 11   | 9    | 11.9               |       |               |              |       |                |              |                               |                  |       |  |
| 28     | 9    | 9    | 8   | 8   | 6   | 7    | 7    | 12   | 9    | 10   | 11   | 12   | 12   | 17   | 10   | 10   | 15   | 18   | 15   | 16   | 15   | 19   | 8    | 7    | 11.2               |       |               |              |       |                |              |                               |                  |       |  |
| 29     |      |      |     |     |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                    |       |               |              |       |                |              |                               |                  |       |  |
| 30     |      |      |     |     |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                    |       |               |              |       |                |              |                               |                  |       |  |
| 31     |      |      |     |     |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                    |       |               |              |       |                |              |                               |                  |       |  |
| средн. | 9.2  | 8.2  | 8.4 | 8.5 | 8.9 | 9.1  | 10.1 | 11.4 | 12.1 | 11.6 | 11.3 | 11.6 | 13.5 | 13.4 | 12.9 | 15.1 | 17.4 | 19.1 | 11.2 | 13.4 | 17.4 | 12.8 | 10.8 | 10.2 | 12.0               |       |               |              |       |                |              |                               |                  |       |  |
| Q      | 11.2 | 10.6 | 9.8 | 9.6 | 9.8 | 10.6 | 10.8 | 11.2 | 11.4 | 11.4 | 11.8 | 11.2 | 12.2 | 13.2 | 13.0 | 13.0 | 13.0 | 14.0 | 14.0 | 16.0 | 15.6 | 15.4 | 14.4 | 13.4 | 12.4               |       |               |              |       |                |              |                               |                  |       |  |
| D      | 8.4  | 4.8  | 7.4 | 7.0 | 8.0 | 8.4  | 10.6 | 14.4 | 14.0 | 13.0 | 7.8  | 9.0  | 12.8 | 9.0  | 9.0  | 22.4 | 34.6 | 42.2 | -6.0 | 0.8  | 23.2 | 4.8  | 4.2  | 8.4  | 11.6               |       |               |              |       |                |              |                               |                  |       |  |

ПРИМЕЧАНИЯ:

Обработка

Контроль

Станция Уэлен

Арктический и Антарктический научно-исследовательский институт

Год 1969 месяц февральэлемент H=14000  $\gamma^+$ 

|            | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 18   |  | 19   | 20   | 21   | 22   | 23   | 24  | средне<br>суточн |  |  |
|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|--|------|------|------|------|------|-----|------------------|--|--|
| 1Q         | 119 | 123 | 123 | 123 | 131 | 131 | 131 | 131 | 127 | 127 | 127  | 127  | 127  | 131  | 131  | 131  | 131  | 131  |  | 135  | 131  | 131  | 131  | 127  | 119 | 128              |  |  |
| 2D         | 119 | 119 | 123 | 127 | 131 | 131 | 131 | 132 | 124 | 124 | 120  | 101  | 117  | 113  | 109  | -39  | 147  | 109  |  | -830 | -913 | -545 | -400 | -195 | 32  | -34              |  |  |
| 3D         | 74  | 9   | 108 | 131 | 173 | 184 | 173 | 283 | 214 | 222 | 207  | 138  | 51   | -245 | -128 | 169  | 131  | 32   |  | -284 | -212 | -7   | -53  | 61   | 100 | 64               |  |  |
| 4          | 104 | 116 | 119 | 119 | 123 | 123 | 127 | 131 | 131 | 131 | 138  | 127  | 123  | 112  | 116  | 116  | 108  | 112  |  | 116  | 108  | 108  | 100  | 93   | 101 | 117              |  |  |
| 5          | 113 | 98  | 109 | 128 | 132 | 124 | 120 | 117 | 132 | 132 | 146  | 131  | 123  | 123  | 108  | 104  | 108  | 116  |  | 100  | 123  | 119  | 123  | 116  | 112 | 120              |  |  |
| 6          | 116 | 116 | 119 | 108 | 135 | 150 | 138 | 146 | 135 | 150 | 138  | 131  | 123  | 123  | 123  | 123  | 119  | 119  |  | 116  | 117  | 109  | 105  | 109  | 98  | 124              |  |  |
| 7          | 113 | 117 | 117 | 120 | 128 | 132 | 136 | 124 | 132 | 132 | 132  | 155  | 124  | 123  | 123  | 116  | 108  | 108  |  | 74   | 55   | 112  | 123  | 119  | 107 | 118              |  |  |
| 8          | 92  | 111 | 126 | 130 | 130 | 122 | 126 | 130 | 134 | 134 | 137  | 137  | 130  | 130  | 126  | 126  | 107  | 62   |  | 112  | 131  | 123  | 112  | 112  | 108 | 120              |  |  |
| 9Q         | 116 | 116 | 116 | 123 | 127 | 131 | 135 | 135 | 135 | 135 | 131  | 131  | 123  | 127  | 119  | 119  | 127  | 131  |  | 131  | 127  | 123  | 116  | 117  | 117 | 125              |  |  |
| 10         | 113 | 117 | 124 | 128 | 132 | 132 | 131 | 131 | 131 | 131 | 138  | 138  | 123  | 119  | 131  | 116  | 70   | 119  |  | 135  | 131  | 108  | 62   | 70   | 32  | -115             |  |  |
| 11D        | 78  | 154 | 135 | 116 | 131 | 131 | 195 | 138 | 199 | 17  | -257 | -181 | -675 | -500 | -318 | -682 | -971 | -888 |  | -405 | -169 | 17   | -40  | 78   | 120 | 149              |  |  |
| 12         | 79  | 109 | 128 | 128 | 128 | 128 | 132 | 136 | 132 | 124 | 120  | 117  | 113  | 113  | 108  | 108  | 116  | 116  |  | 108  | 112  | 123  | 116  | 112  | 78  | 116              |  |  |
| 13         | 93  | 100 | 100 | 112 | 123 | 123 | 135 | 138 | 146 | 131 | 138  | 123  | 123  | 123  | 55   | 89   | 123  | 119  |  | 123  | 123  | 116  | 108  | 116  | 119 | 117              |  |  |
| 14         | 108 | 112 | 116 | 108 | 116 | 127 | 132 | 132 | 132 | 132 | 132  | 139  | 109  | 105  | 109  | 90   | 101  | 101  |  | 117  | 139  | 139  | 132  | 105  | 90  | 118              |  |  |
| 15D        | 109 | 109 | 113 | 109 | 132 | 143 | 143 | 132 | 136 | 147 | 128  | 136  | 139  | 132  | 105  | 124  | 101  | 48   |  | 10   | 25   | 109  | 124  | 128  | 117 | 112              |  |  |
| 16         | 109 | 113 | 120 | 128 | 136 | 124 | 128 | 158 | 155 | 139 | 136  | 132  | 101  | 109  | 93   | 66   | 78   | 108  |  | 123  | 123  | 135  | 135  | 123  | 123 | 121              |  |  |
| 17Q        | 116 | 116 | 116 | 116 | 123 | 127 | 127 | 127 | 131 | 131 | 132  | 136  | 128  | 128  | 128  | 128  | 124  | 128  |  | 132  | 136  | 132  | 132  | 124  | 117 | 126              |  |  |
| 18Q        | 101 | 101 | 109 | 120 | 128 | 132 | 132 | 132 | 132 | 132 | 132  | 132  | 132  | 132  | 132  | 132  | 132  | 128  |  | 128  | 128  | 128  | 128  | 120  | 117 | 126              |  |  |
| 19         | 109 | 109 | 117 | 124 | 132 | 136 | 139 | 139 | 139 | 139 | 139  | 136  | 71   | 101  | 113  | 117  | 132  | 124  |  | 136  | 136  | 139  | 132  | 128  | 117 | 125              |  |  |
| 20         | 110 | 110 | 118 | 129 | 125 | 118 | 128 | 132 | 132 | 132 | 128  | 132  | 101  | 101  | 139  | 139  | 109  | 113  |  | 136  | 136  | 132  | 128  | 120  | 113 | 123              |  |  |
| 21         | 94  | 101 | 117 | 120 | 124 | 128 | 113 | 132 | 132 | 132 | 132  | 131  | 127  | 131  | 131  | 131  | 131  | 135  |  | 127  | 131  | 131  | 123  | 116  | 108 | 124              |  |  |
| 22Q        | 100 | 104 | 112 | 116 | 123 | 128 | 132 | 132 | 132 | 139 | 132  | 139  | 132  | 135  | 131  | 131  | 119  | 135  |  | 138  | 142  | 138  | 131  | 123  | 112 | 127              |  |  |
| 23         | 112 | 108 | 116 | 123 | 131 | 131 | 119 | 127 | 135 | 138 | 135  | 116  | 116  | 89   | 131  | 143  | 143  | 143  |  | 143  | 139  | 136  | 124  | 120  | 117 | 126              |  |  |
| 24         | 113 | 109 | 117 | 124 | 132 | 132 | 136 | 139 | 143 | 132 | 136  | 136  | 132  | 136  | 132  | 132  | 132  | 128  |  | 136  | 136  | 132  | 119  | 108  | 93  | 128              |  |  |
| 25         | 100 | 100 | 104 | 116 | 123 | 127 | 131 | 131 | 131 | 135 | 131  | 123  | 131  | 135  | 135  | 135  | 138  | 138  |  | 138  | 138  | 135  | 127  | 116  | 108 | 126              |  |  |
| 26         | 108 | 108 | 119 | 116 | 127 | 127 | 135 | 154 | 165 | 169 | 138  | 138  | 131  | 131  | 135  | 127  | 135  | 123  |  | 108  | 127  | 123  | 123  | 112  | 108 | 129              |  |  |
| 27D        | 108 | 112 | 112 | 135 | 142 | 138 | 157 | 154 | 146 | 139 | 139  | 139  | 132  | 60   | -218 | -286 | -469 | -296 |  | 22   | 128  | 113  | 109  | 98   | 101 | 46               |  |  |
| 28         | 105 | 101 | 109 | 113 | 132 | 136 | 147 | 174 | 147 | 136 | 124  | 124  | 109  | 117  | 60   | 71   | 48   | 79   |  | 132  | 132  | 123  | 100  | 81   | 74  | 111              |  |  |
| 29         |     |     |     |     |     |     |     |     |     |     |      |      |      |      |      |      |      |      |  |      |      |      |      |      |     |                  |  |  |
| 30         |     |     |     |     |     |     |     |     |     |     |      |      |      |      |      |      |      |      |  |      |      |      |      |      |     |                  |  |  |
| 31         |     |     |     |     |     |     |     |     |     |     |      |      |      |      |      |      |      |      |  |      |      |      |      |      |     |                  |  |  |
| Средн      | 105 | 108 | 116 | 121 | 130 | 132 | 136 | 142 | 141 | 134 | 122  | 120  | 90   | 83   | 78   | 73   | 56   | 61   |  | 49   | 63   | 92   | 88   | 98   | 102 | 102              |  |  |
| Средн<br>Q | 110 | 112 | 115 | 120 | 126 | 130 | 131 | 131 | 131 | 133 | 131  | 133  | 128  | 131  | 128  | 128  | 127  | 131  |  | 133  | 133  | 130  | 128  | 122  | 116 | 126              |  |  |
| Средн<br>D | 98  | 101 | 118 | 124 | 142 | 145 | 160 | 168 | 164 | 130 | 67   | 67   | -47  | -88  | -90  | -143 | -212 | -199 |  | -297 | -228 | -63  | -52  | 34   | 94  | 8                |  |  |

Станция Уэлен Арктический и Антарктический научно-исследовательский институтГод 1969 месяц февраль элемент Z = 53400 + ...

|            | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14   | 15  | 16   | 17   | 18   |  | 19   | 20   | 21  | 22  | 23  | 24  | средне<br>суточн |  |  |
|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|------|------|------|--|------|------|-----|-----|-----|-----|------------------|--|--|
| 1Q         | 156 | 160 | 160 | 160 | 156 | 156 | 156 | 156 | 156 | 156 | 156 | 156 | 156 | 156  | 152 | 148  | 136  | 132  |  | 128  | 132  | 144 | 148 | 156 | 156 | 151              |  |  |
| 2D         | 156 | 156 | 156 | 156 | 156 | 156 | 156 | 156 | 156 | 160 | 156 | 125 | 117 | 113  | 113 | 18   | 57   | 100  |  | -17  | -32  | 26  | 14  | -63 | 90  | 87               |  |  |
| 3D         | 168 | 195 | 218 | 231 | 250 | 239 | 219 | 133 | 207 | 235 | 231 | 180 | 55  | -112 | 75  | 158  | 189  | 150  |  | 111  | 95   | 33  | 92  | 88  | 130 | 149              |  |  |
| 4          | 149 | 161 | 172 | 172 | 172 | 172 | 176 | 180 | 188 | 192 | 196 | 184 | 176 | 165  | 157 | 161  | 156  | 148  |  | 140  | 152  | 156 | 152 | 140 | 144 | 165              |  |  |
| 5          | 152 | 171 | 175 | 183 | 182 | 178 | 179 | 175 | 183 | 179 | 136 | 171 | 179 | 171  | 168 | 144  | 140  | 141  |  | 149  | 157  | 157 | 161 | 169 | 169 | 165              |  |  |
| 6          | 172 | 172 | 172 | 180 | 204 | 200 | 196 | 184 | 180 | 200 | 175 | 183 | 171 | 171  | 164 | 164  | 160  | 164  |  | 164  | 160  | 160 | 152 | 152 | 164 | 174              |  |  |
| 7          | 164 | 164 | 164 | 163 | 163 | 163 | 167 | 170 | 170 | 167 | 170 | 136 | 160 | 171  | 152 | 152  | 148  | 140  |  | 126  | 94   | 94  | 129 | 145 | 154 | 151              |  |  |
| 8          | 158 | 162 | 166 | 177 | 173 | 181 | 181 | 181 | 177 | 181 | 177 | 173 | 170 | 162  | 158 | 154  | 134  | 103  |  | 119  | 149  | 149 | 149 | 153 | 157 | 160              |  |  |
| 9Q         | 161 | 165 | 165 | 165 | 165 | 165 | 165 | 165 | 165 | 169 | 165 | 165 | 164 | 160  | 140 | 128  | 148  | 156  |  | 156  | 160  | 160 | 160 | 160 | 160 | 160              |  |  |
| 10         | 164 | 164 | 164 | 164 | 164 | 164 | 168 | 171 | 175 | 175 | 187 | 196 | 172 | 126  | 161 | 153  | 110  | 122  |  | 149  | 157  | 157 | 141 | 122 | 129 | 156              |  |  |
| 11D        | 133 | 231 | 231 | 184 | 184 | 196 | 227 | 219 | 172 | 141 | 195 | 328 | 359 | 218  | 417 | 148  | -78  | -113 |  | -109 | -129 | 54  | 97  | 90  | 136 | 147              |  |  |
| 12         | 160 | 164 | 183 | 182 | 178 | 178 | 178 | 178 | 174 | 174 | 175 | 171 | 171 | 171  | 171 | 171  | 171  | 171  |  | 171  | 171  | 164 | 161 | 165 | 180 | 172              |  |  |
| 13         | 196 | 188 | 184 | 180 | 180 | 184 | 188 | 196 | 215 | 172 | 184 | 184 | 176 | 157  | 71  | 75   | 141  | 156  |  | 164  | 164  | 160 | 156 | 148 | 156 | 166              |  |  |
| 14         | 164 | 168 | 171 | 175 | 171 | 175 | 179 | 179 | 175 | 175 | 183 | 179 | 164 | 148  | 148 | 140  | 136  | 148  |  | 148  | 171  | 168 | 164 | 164 | 171 | 165              |  |  |
| 15         | 168 | 171 | 174 | 182 | 202 | 194 | 194 | 194 | 186 | 190 | 92  | 108 | 155 | 159  | 100 | 127  | 135  | 116  |  | 81   | 14   | 22  | 81  | 124 | 155 | 138              |  |  |
| 16         | 163 | 167 | 174 | 170 | 170 | 178 | 186 | 202 | 155 | 167 | 179 | 175 | 148 | 160  | 152 | 136  | 93   | 101  |  | 132  | 148  | 156 | 160 | 164 | 168 | 158              |  |  |
| 17Q        | 164 | 164 | 164 | 160 | 160 | 164 | 164 | 164 | 164 | 168 | 171 | 171 | 168 | 164  | 164 | 152  | 136  | 140  |  | 151  | 155  | 159 | 159 | 163 | 167 | 161              |  |  |
| 18Q        | 167 | 167 | 163 | 163 | 163 | 163 | 163 | 159 | 159 | 155 | 155 | 159 | 159 | 159  | 155 | 155  | 159  | 155  |  | 155  | 152  | 156 | 156 | 164 | 164 | 159              |  |  |
| 19         | 160 | 160 | 160 | 156 | 156 | 160 | 159 | 159 | 159 | 155 | 155 | 147 | 53  | 53   | 69  | 104  | 131  | 139  |  | 151  | 155  | 151 | 146 | 154 | 158 | 140              |  |  |
| 20         | 162 | 162 | 162 | 162 | 169 | 169 | 166 | 162 | 162 | 166 | 169 | 166 | 123 | 68   | 116 | 147  | 124  | 85   |  | 116  | 143  | 147 | 151 | 155 | 163 | 146              |  |  |
| 21         | 167 | 163 | 163 | 163 | 158 | 162 | 182 | 178 | 170 | 163 | 155 | 155 | 155 | 155  | 152 | 144  | 140  | 148  |  | 152  | 152  | 156 | 156 | 160 | 168 | 159              |  |  |
| 22         | 164 | 164 | 164 | 160 | 160 | 160 | 160 | 160 | 159 | 160 | 160 | 156 | 136 | 132  | 136 | 140  | 121  | 101  |  | 132  | 144  | 148 | 156 | 156 | 160 | 150              |  |  |
| 23         | 156 | 160 | 160 | 156 | 156 | 164 | 175 | 175 | 168 | 168 | 152 | 125 | 78  | 15   | 97  | 132  | 156  | 156  |  | 151  | 151  | 155 | 155 | 155 | 155 | 145              |  |  |
| 24         | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 163 | 182 | 167 | 159 | 155 | 147 | 147  | 151 | 151  | 148  | 140  |  | 148  | 156  | 156 | 156 | 160 | 164 | 157              |  |  |
| 25         | 164 | 164 | 164 | 160 | 157 | 161 | 161 | 165 | 165 | 161 | 157 | 129 | 133 | 149  | 149 | 153  | 153  | 157  |  | 157  | 157  | 157 | 157 | 161 | 157 | 156              |  |  |
| 26         | 157 | 161 | 161 | 165 | 169 | 172 | 169 | 176 | 219 | 231 | 184 | 172 | 153 | 137  | 145 | 137  | 125  | 132  |  | 121  | 121  | 136 | 152 | 164 | 168 | 159              |  |  |
| 27D        | 171 | 168 | 171 | 168 | 175 | 171 | 175 | 206 | 187 | 171 | 164 | 164 | 132 | 105  | 47  | -157 | -192 | -181 |  | 77   | 178  | 182 | 163 | 167 | 178 | 116              |  |  |
| 28         | 186 | 186 | 186 | 182 | 178 | 178 | 194 | 225 | 198 | 178 | 178 | 174 | 170 | 160  | 128 | 101  | 82   | 101  |  | 152  | 164  | 168 | 168 | 175 | 179 | 166              |  |  |
| 29         |     |     |     |     |     |     |     |     |     |     |     |     |     |      |     |      |      |      |  |      |      |     |     |     |     |                  |  |  |
| 30         |     |     |     |     |     |     |     |     |     |     |     |     |     |      |     |      |      |      |  |      |      |     |     |     |     |                  |  |  |
| 31         |     |     |     |     |     |     |     |     |     |     |     |     |     |      |     |      |      |      |  |      |      |     |     |     |     |                  |  |  |
| Средн      | 163 | 169 | 172 | 171 | 172 | 174 | 176 | 176 | 176 | 174 | 168 | 167 | 154 | 134  | 143 | 126  | 116  | 115  |  | 124  | 118  | 137 | 143 | 143 | 157 | 153              |  |  |
| Средн<br>Q | 162 | 164 | 163 | 162 | 161 | 162 | 162 | 161 | 161 | 162 | 161 | 161 | 157 | 154  | 149 | 145  | 140  | 137  |  | 144  | 149  | 153 | 156 | 160 | 161 | 156              |  |  |
| Средн<br>D | 159 | 184 | 190 | 184 | 193 | 191 | 194 | 182 | 182 | 179 | 168 | 181 | 164 | 97   | 150 | 59   | 22   | 14   |  | 29   | -33  | 63  | 89  | 81  | 138 | 128              |  |  |

Станция Уэлен

Арктический и Антарктический научно-исследовательский институт

М 34

Год 1969 месяц мартЭлемент D = 14°30'0" + ...

O = \_\_\_\_\_ E = \_\_\_\_\_

| число           | 1    | 2   | 3   | 4   | 5   | 6   | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 18   | 18 | 19   | 20   | 21   | 22   | 23   | 24   | Средне-<br>суточи | Время | Макси-<br>мум | Мини-<br>мум | Время | Ампли-<br>туда | Хар.<br>0,12 | Числен-<br>ная ха-<br>рактер | Особ.<br>явления | Сумма |  |
|-----------------|------|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|----|------|------|------|------|------|------|-------------------|-------|---------------|--------------|-------|----------------|--------------|------------------------------|------------------|-------|--|
| 1               | 7    | 10  | 9   | 11  | 11  | 11  | 12   | 12   | 12   | 12   | 12   | 11   | 12   | 12   | 12   | 14   | 6    | 1    |    | 17   | 20   | 19   | 18   | 15   | 10   | 11.9              |       |               |              |       |                |              |                              |                  |       |  |
| 2               | 3    | 4   | 5   | 7   | 6   | 9   | 11   | 11   | 12   | 12   | 13   | 15   | 9    | 19   | 15   | 14   | 13   | 11   |    | 14   | 16   | 17   | 16   | 15   | 13   | 11.7              |       |               |              |       |                |              |                              |                  |       |  |
| 3 <sup>G</sup>  | 11   | 9   | 9   | 9   | 10  | 11  | 11   | 11   | 11   | 11   | 11   | 12   | 13   | 13   | 12   | 11   | 9    | 11   |    | 14   | 17   | 17   | 17   | 16   | 14   | 12.1              |       |               |              |       |                |              |                              |                  |       |  |
| 4 <sup>G</sup>  | 11   | 10  | 9   | 9   | 9   | 11  | 11   | 11   | 12   | 12   | 12   | 12   | 13   | 12   | 13   | 14   | 14   | 15   |    | 16   | 14   | 15   | 6    | -5   | 5    | 10.9              |       |               |              |       |                |              |                              |                  |       |  |
| 5               | 7    | 9   | 9   | 10  | 11  | 11  | 11   | 11   | 11   | 12   | 12   | 13   | 17   | 19   | 16   | 15   | 17   | 17   |    | 16   | 17   | 18   | 18   | 16   | 14   | 13.6              |       |               |              |       |                |              |                              |                  |       |  |
| 6               | 8    | 8   | 6   | 7   | 7   | 8   | 9    | 12   | 10   | 11   | 11   | 17   | 15   | 12   | 12   | 7    | 11   | 16   |    | 17   | 22   | 19   | 15   | 15   | 13   | 12.0              |       |               |              |       |                |              |                              |                  |       |  |
| 7               | 11   | 7   | 1   | 3   | 5   | 5   | 8    | 9    | 7    | 15   | 15   | 13   | 14   | 20   | 19   | 23   | 19   | 20   |    | 3    | 23   | 18   | 15   | 13   | 12   | 12.4              |       |               |              |       |                |              |                              |                  |       |  |
| 8               | 7    | 4   | 5   | 7   | 6   | 7   | 10   | 10   | 11   | 17   | 11   | 1    | 12   | 14   | 13   | 12   | 12   | 12   |    | 12   | 16   | 16   | 15   | 14   | 6    | 10.4              |       |               |              |       |                |              |                              |                  |       |  |
| 9               | 9    | 7   | 7   | 6   | 5   | 7   | 10   | 11   | 12   | 11   | 9    | 14   | 16   | 15   | 20   | 9    | 8    | 15   |    | 7    | 15   | 18   | 19   | 17   | 17   | 11.8              |       |               |              |       |                |              |                              |                  |       |  |
| 10 <sup>G</sup> | 13   | 11  | 8   | 7   | 7   | 7   | 7    | 11   | 8    | 14   | 11   | 13   | 13   | 12   | 12   | 12   | 12   | 14   |    | 15   | 15   | 16   | 17   | 16   | 15   | 11.9              |       |               |              |       |                |              |                              |                  |       |  |
| 11              | 11   | 9   | 7   | 6   | 8   | 7   | 7    | 7    | 7    | 2    | 1    | 11   | 19   | 19   | 17   | 19   | 14   | 15   |    | 18   | -3   | -16  | -3   | 11   | 12   | 8.5               |       |               |              |       |                |              |                              |                  |       |  |
| 12 <sup>D</sup> | 14   | 9   | 4   | 6   | 3   | 9   | 14   | -4   | -8   | 11   | 17   | 17   | 13   | 13   | 13   | 8    | 13   | 12   |    | 11   | 16   | 15   | 15   | 15   | 11   | 10.3              |       |               |              |       |                |              |                              |                  |       |  |
| 13              | 7    | 7   | 7   | 7   | 9   | 8   | 10   | 11   | 11   | 11   | 11   | 15   | 15   | 14   | 12   | 12   | 14   | 16   |    | 15   | 15   | 16   | 13   | 8    | 7    | 11.3              |       |               |              |       |                |              |                              |                  |       |  |
| 14              | 3    | 3   | 4   | 4   | 5   | 7   | 8    | 9    | 11   | 11   | 12   | 11   | 12   | 12   | 14   | 11   | 19   | 19   |    | 14   | 16   | 20   | 11   | 12   | 9    | 10.7              |       |               |              |       |                |              |                              |                  |       |  |
| 15              | 5    | 4   | 3   | 5   | 3   | 7   | 5    | 3    | 12   | 0    | -10  | 15   | 19   | 20   | 31   | 34   | 28   | 20   |    | 25   | 19   | 15   | 12   | 10   | 9    | 12.2              |       |               |              |       |                |              |                              |                  |       |  |
| 16              | 7    | 7   | 7   | 7   | 6   | 5   | 9    | 9    | 1    | 11   | 14   | 11   | 12   | 12   | 12   | 15   | 15   | 15   |    | 18   | 18   | 16   | 15   | 15   | 13   | 11.2              |       |               |              |       |                |              |                              |                  |       |  |
| 17 <sup>D</sup> | 12   | 6   | -2  | 3   | 0   | 7   | 8    | 11   | 11   | 14   | 12   | 11   | 9    | 26   | 16   | 15   | 13   | 22   |    | 23   | 23   | 18   | 12   | 15   | 13   | 12.4              |       |               |              |       |                |              |                              |                  |       |  |
| 18              | 10   | 7   | 5   | 4   | 6   | 6   | 14   | 7    | 11   | 20   | 13   | 15   | 14   | 12   | 12   | 11   | 7    | 6    |    | 14   | 19   | 19   | 12   | 14   | 7    | 11.0              |       |               |              |       |                |              |                              |                  |       |  |
| 19              | 7    | 6   | 6   | 7   | 8   | 9   | 11   | 11   | 15   | 9    | 11   | 13   | 13   | 13   | 13   | 15   | 15   | 17   |    | 20   | 23   | 25   | 20   | 11   | 9    | 12.8              |       |               |              |       |                |              |                              |                  |       |  |
| 20              | 7    | 7   | -1  | 2   | 3   | 6   | 4    | 7    | 7    | 8    | 18   | 8    | 11   | 11   | 15   | 15   | 20   | 25   |    | 31   | 27   | 26   | 20   | 3    | 7    | 12.0              |       |               |              |       |                |              |                              |                  |       |  |
| 21              | 6    | 3   | 1   | 2   | 4   | 6   | 5    | 22   | 8    | 11   | 12   | 17   | 12   | 11   | 11   | 12   | 13   | 14   |    | 17   | 17   | 19   | 18   | 15   | 13   | 11.2              |       |               |              |       |                |              |                              |                  |       |  |
| 22              | 11   | 7   | 4   | 3   | 5   | 7   | 10   | 9    | 8    | 7    | 13   | 6    | 19   | 19   | 14   | 17   | 18   | 19   |    | 20   | 20   | 17   | 16   | 12   | 8    | 12.0              |       |               |              |       |                |              |                              |                  |       |  |
| 23 <sup>D</sup> | 6    | 7   | 7   | 7   | 7   | 9   | 10   | 11   | 11   | 12   | 12   | 11   | 13   | 14   | 13   | 15   | 27   | 22   |    | -17  | 1    | 31   | 42   | 16   | 20   | 12.8              |       |               |              |       |                |              |                              |                  |       |  |
| 24 <sup>D</sup> | 17   | 14  | 7   | 1   | -5  | -9  | -13  | -27  | -37  | -33  | -18  | 6    | 27   | 17   | 11   | 9    | 12   | 14   |    | 15   | 14   | 13   | 11   | 9    | 9    | 2.7               |       |               |              |       |                |              |                              |                  |       |  |
| 25 <sup>D</sup> | 7    | 7   | 7   | 7   | 7   | 9   | 11   | 10   | 7    | 9    | 8    | 9    | 9    | -2   | -17  | 15   | 14   | 13   |    | 11   | 12   | 13   | 12   | 11   | 11   | 8.3               |       |               |              |       |                |              |                              |                  |       |  |
| 26              | 8    | 7   | 7   | 8   | 8   | 10  | 11   | 12   | 12   | 11   | 18   | 17   | 14   | 11   | 10   | 11   | 9    | 8    |    | 15   | 19   | 19   | 19   | 14   | 13   | 12.1              |       |               |              |       |                |              |                              |                  |       |  |
| 27 <sup>G</sup> | 7    | 7   | 6   | 7   | 7   | 8   | 11   | 12   | 13   | 12   | 12   | 11   | 13   | 13   | 12   | 11   | 14   | 14   |    | 14   | 15   | 18   | 17   | 17   | 15   | 11.9              |       |               |              |       |                |              |                              |                  |       |  |
| 28 <sup>G</sup> | 11   | 7   | 6   | 6   | 7   | 9   | 11   | 10   | 11   | 11   | 11   | 12   | 12   | 15   | 12   | 12   | 6    | 7    |    | 19   | 21   | 21   | 18   | 15   | 11   | 11.7              |       |               |              |       |                |              |                              |                  |       |  |
| 29              | 9    | 7   | 7   | 7   | 8   | 11  | 11   | 11   | 11   | 15   | 14   | 13   | 14   | 17   | 9    | 8    | 9    | 8    |    | 15   | 17   | 19   | 21   | 17   | 13   | 12.1              |       |               |              |       |                |              |                              |                  |       |  |
| 30              | 22   | 4   | 5   | 4   | 7   | 10  | 12   | 12   | 15   | 15   | 11   | 11   | 12   | 12   | 12   | 12   | 14   | 11   |    | 7    | 11   | 19   | 17   | 11   | 10   | 11.5              |       |               |              |       |                |              |                              |                  |       |  |
| 31              | 7    | 7   | 7   | 7   | 9   | 10  | 11   | 11   | 17   | 16   | 13   | 11   | 14   | 15   | 16   | 10   | 15   | 15   |    | 14   | 18   | 19   | 19   | 17   | 15   | 13.0              |       |               |              |       |                |              |                              |                  |       |  |
| средн.          | 9.1  | 7.1 | 5.5 | 6.0 | 6.2 | 7.7 | 9.0  | 8.8  | 8.4  | 10.0 | 10.4 | 12.0 | 13.9 | 14.3 | 13.0 | 13.5 | 13.9 | 14.3 |    | 14.5 | 16.5 | 17.3 | 15.9 | 12.9 | 11.4 | 11.3              |       |               |              |       |                |              |                              |                  |       |  |
| сумма           | 10.6 | 8.8 | 7.6 | 7.6 | 8.0 | 9.2 | 10.2 | 11.0 | 11.0 | 12.0 | 11.4 | 12.0 | 12.8 | 13.0 | 13.2 | 12.0 | 11.0 | 12.2 |    | 156  | 16.4 | 17.4 | 15.0 | 11.8 | 12.0 | 11.7              |       |               |              |       |                |              |                              |                  |       |  |
| D               | 11.2 | 8.6 | 4.6 | 4.8 | 2.4 | 5.0 | 6.0  | 0.2  | -3.2 | 2.6  | 6.2  | 10.8 | 14.2 | 13.6 | 7.2  | 12.4 | 15.8 | 16.6 |    | 8.6  | 13.2 | 18.0 | 18.4 | 13.2 | 12.8 | 9.3               |       |               |              |       |                |              |                              |                  |       |  |

ПРИМЕЧАНИЯ

Обработка

Контроль

Станция Уэлен Арктический и Антарктический научно-исследовательский институт  
 Год 1969 месяц март элемент H=14000  $\gamma^{+}$

|            | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10   | 11  | 12   | 13   | 14  | 15  | 16   | 17   | 18  |  | 19   | 20   | 21   | 22   | 23  | 24  | средне<br>суточн |  |  |
|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|------|------|-----|-----|------|------|-----|--|------|------|------|------|-----|-----|------------------|--|--|
| 1          | 89  | 104 | 104 | 108 | 116 | 119 | 123 | 123 | 131 | 127  | 131 | 131  | 127  | 131 | 127 | 131  | 78   | -52 |  | 74   | 131  | 131  | 119  | 109 | 94  | 109              |  |  |
| 2          | 75  | 94  | 124 | 147 | 124 | 117 | 120 | 128 | 132 | 136  | 136 | 136  | 71   | 117 | 132 | 132  | 132  | 128 |  | 128  | 132  | 128  | 120  | 109 | 101 | 121              |  |  |
| 3Q         | 109 | 109 | 116 | 119 | 123 | 127 | 131 | 131 | 131 | 135  | 135 | 135  | 135  | 135 | 136 | 132  | 128  | 132 |  | 132  | 132  | 124  | 117  | 105 | 101 | 125              |  |  |
| 4Q         | 101 | 101 | 109 | 117 | 124 | 132 | 132 | 132 | 132 | 132  | 132 | 132  | 136  | 139 | 139 | 136  | 132  | 132 |  | 139  | 139  | 117  | 86   | 94  | 113 | 124              |  |  |
| 5          | 109 | 113 | 120 | 124 | 132 | 136 | 139 | 139 | 147 | 143  | 143 | 162  | 155  | 136 | 132 | 117  | 139  | 139 |  | 136  | 132  | 128  | 120  | 117 | 113 | 132              |  |  |
| 6          | 109 | 109 | 124 | 124 | 136 | 143 | 139 | 139 | 143 | 143  | 139 | 124  | 139  | 136 | 128 | 128  | 86   | 25  |  | 52   | 120  | 117  | 112  | 123 | 116 | 119              |  |  |
| 7          | 104 | 108 | 104 | 112 | 154 | 146 | 142 | 150 | 161 | 146  | 138 | 135  | 131  | 97  | -14 | 55   | 100  | 43  |  | -52  | 81   | 40   | 108  | 112 | 104 | 100              |  |  |
| 8          | 100 | 108 | 116 | 138 | 150 | 142 | 138 | 142 | 138 | 142  | 131 | 108  | 89   | 138 | 135 | 131  | 127  | 116 |  | 108  | 116  | 123  | 131  | 116 | 93  | 124              |  |  |
| 9          | 100 | 109 | 117 | 120 | 143 | 143 | 143 | 147 | 151 | 155  | 136 | 136  | 124  | 22  | 44  | -13  | 90   | 124 |  | 79   | 98   | 132  | 132  | 120 | 109 | 111              |  |  |
| 10Q        | 109 | 109 | 117 | 132 | 128 | 139 | 143 | 136 | 148 | 148  | 133 | 132  | 132  | 132 | 136 | 139  | 139  | 139 |  | 139  | 143  | 139  | 132  | 120 | 109 | 132              |  |  |
| 11         | 105 | 109 | 117 | 132 | 139 | 43  | 143 | 158 | 193 | 212  | 79  | 29   | 56   | 60  | 14  | 48   | 123  | 116 |  | 97   | -55  | -14  | 17   | 36  | 74  | 89               |  |  |
| 12D        | 165 | 222 | 188 | 268 | 211 | 230 | 268 | 435 | 404 | 222  | 131 | 138  | 127  | 47  | 24  | 13   | -63  | -17 |  | 47   | 112  | 138  | 127  | 112 | 104 | 152              |  |  |
| 13         | 108 | 112 | 116 | 112 | 123 | 123 | 131 | 123 | 127 | 131  | 131 | 127  | 123  | 123 | 123 | 123  | 97   | 100 |  | 119  | 119  | 112  | 89   | 81  | 100 | 116              |  |  |
| 14         | 108 | 112 | 116 | 123 | 123 | 127 | 131 | 135 | 135 | 138  | 138 | 138  | 135  | 131 | 123 | 89   | 85   | 108 |  | 104  | 112  | 112  | 89   | 100 | 93  | 117              |  |  |
| 15         | 97  | 93  | 112 | 138 | 146 | 184 | 199 | 289 | 335 | 282  | -45 | 50   | 61   | 35  | 4   | -121 | 46   | 107 |  | 77   | 111  | 115  | 115  | 111 | 111 | 110              |  |  |
| 16         | 115 | 111 | 115 | 126 | 145 | 160 | 175 | 263 | 289 | 260  | 51  | 192  | 157  | 100 | 51  | 138  | 138  | 135 |  | 138  | 138  | 131  | 127  | 119 | 112 | 145              |  |  |
| 17D        | 108 | 93  | 70  | 135 | 199 | 264 | 150 | 131 | 131 | 184  | 161 | 100  | -116 | 169 | 131 | 131  | -109 | -59 |  | 40   | 112  | 55   | 47   | 100 | 89  | 96               |  |  |
| 18         | 85  | 93  | 112 | 138 | 146 | 161 | 169 | 203 | 207 | 161  | 116 | 127  | 123  | 127 | 131 | 119  | 112  | 28  |  | 116  | 131  | 116  | 116  | 108 | 104 | 127              |  |  |
| 19         | 112 | 116 | 116 | 112 | 123 | 123 | 135 | 139 | 143 | 132  | 132 | 136  | 136  | 139 | 139 | 139  | 139  | 139 |  | 139  | 132  | 120  | 105  | 56  | 41  | 123              |  |  |
| 20         | 86  | 124 | 124 | 94  | 113 | 120 | 162 | 192 | 169 | 237  | 195 | 151  | 120  | 113 | 113 | 86   | 37   | -73 |  | 37   | 94   | 90   | 60   | 18  | 63  | 105              |  |  |
| 21         | 86  | 79  | 109 | 155 | 158 | 143 | 120 | 162 | 151 | 155  | 139 | 132  | 124  | 132 | 128 | 124  | 120  | 101 |  | 117  | 101  | 117  | 101  | 109 | 109 | 124              |  |  |
| 22         | 101 | 105 | 109 | 117 | 132 | 124 | 151 | 157 | 195 | 222  | 188 | 112  | 74   | 93  | 74  | 62   | 85   | 119 |  | 108  | 108  | 97   | 104  | 93  | 93  | 118              |  |  |
| 23D        | 93  | 97  | 100 | 116 | 127 | 134 | 134 | 137 | 145 | 141  | 145 | 141  | 141  | 137 | 137 | 39   | 31   | 46  |  | -201 | -296 | -326 | -398 | 16  | 35  | 36               |  |  |
| 24D        | 99  | 127 | 340 | 313 | 199 | 313 | 401 | 47  | -63 | -112 | -63 | -131 | -17  | 100 | 97  | 93   | 89   | 97  |  | 104  | 104  | 104  | 105  | 94  | 86  | 105              |  |  |
| 25D        | 82  | 75  | 79  | 79  | 90  | 101 | 120 | 261 | 193 | 101  | 117 | 90   | 109  | -24 | -74 | 97   | 81   | 70  |  | 47   | 78   | 104  | 100  | 78  | 62  | 88               |  |  |
| 26         | 108 | 100 | 89  | 93  | 108 | 112 | 119 | 127 | 127 | 131  | 135 | 119  | 108  | 116 | 62  | 78   | 93   | 85  |  | 100  | 119  | 119  | 112  | 104 | 97  | 107              |  |  |
| 27Q        | 89  | 89  | 98  | 105 | 109 | 120 | 124 | 132 | 128 | 136  | 132 | 128  | 132  | 136 | 136 | 128  | 128  | 132 |  | 136  | 132  | 124  | 120  | 120 | 109 | 122              |  |  |
| 28Q        | 101 | 101 | 101 | 109 | 117 | 124 | 128 | 132 | 132 | 139  | 132 | 136  | 136  | 139 | 139 | 128  | 120  | 78  |  | 138  | 135  | 135  | 127  | 119 | 108 | 123              |  |  |
| 29         | 97  | 97  | 100 | 104 | 116 | 135 | 135 | 131 | 154 | 165  | 138 | 127  | 67   | 56  | 56  | -81  | 41   | 79  |  | 128  | 139  | 132  | 120  | 94  | 60  | 100              |  |  |
| 30         | 71  | 86  | 101 | 113 | 120 | 124 | 136 | 139 | 139 | 139  | 139 | 132  | 136  | 132 | 132 | 124  | 124  | 79  |  | 33   | 94   | 128  | 98   | 105 | 105 | 114              |  |  |
| 31         | 101 | 109 | 94  | 113 | 132 | 139 | 147 | 143 | 139 | 158  | 158 | 139  | 128  | 94  | 86  | 109  | 101  | 82  |  | 29   | 98   | 128  | 113  | 105 | 105 | 115              |  |  |
| Средн      | 101 | 107 | 118 | 130 | 136 | 147 | 153 | 161 | 161 | 153  | 123 | 118  | 106  | 108 | 94  | 89   | 89   | 80  |  | 83   | 98   | 97   | 89   | 97  | 94  | 114              |  |  |
| Средн<br>Q | 102 | 102 | 108 | 116 | 120 | 128 | 132 | 133 | 134 | 138  | 133 | 133  | 134  | 136 | 137 | 133  | 129  | 123 |  | 137  | 136  | 128  | 116  | 112 | 108 | 125              |  |  |
| Средн<br>D | 109 | 123 | 155 | 182 | 165 | 208 | 215 | 202 | 162 | 107  | 98  | 68   | 49   | 86  | 63  | 75   | 6    | 27  |  | 7    | 22   | 15   | -4   | 80  | 75  | 95               |  |  |

Станция Уэлен

Арктический и Антарктический научно-исследовательский институт

М-34

Год 1969 месяц мартэлемент Z=53400  $\gamma^+$ 

|            | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  |  | 19  | 20   | 21  | 22  | 23  | 24  | Средне<br>суточн |  |  |
|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|-----|------|-----|-----|-----|-----|------------------|--|--|
| 1          | 156 | 160 | 164 | 171 | 171 | 169 | 169 | 165 | 165 | 165 | 165 | 165 | 165 | 164 | 164 | 156 | 128 | 12  |  | 23  | 109  | 132 | 156 | 164 | 171 | 147              |  |  |
| 2          | 179 | 179 | 186 | 217 | 202 | 174 | 167 | 163 | 163 | 170 | 170 | 124 | 46  | 73  | 190 | 140 | 148 | 152 |  | 152 | 156  | 160 | 164 | 164 | 168 | 159              |  |  |
| 3 Q        | 171 | 171 | 171 | 171 | 168 | 164 | 164 | 160 | 160 | 160 | 160 | 156 | 156 | 148 | 148 | 148 | 140 | 144 |  | 152 | 156  | 160 | 163 | 167 | 170 | 160              |  |  |
| 4 Q        | 170 | 170 | 170 | 167 | 163 | 163 | 163 | 159 | 159 | 159 | 159 | 159 | 159 | 151 | 151 | 151 | 151 | 147 |  | 143 | 139  | 143 | 151 | 147 | 139 | 156              |  |  |
| 5          | 155 | 159 | 163 | 163 | 163 | 159 | 159 | 155 | 154 | 154 | 158 | 163 | 124 | 151 | 155 | 131 | 127 | 147 |  | 151 | 155  | 159 | 159 | 159 | 159 | 153              |  |  |
| 6          | 163 | 163 | 163 | 163 | 163 | 163 | 170 | 178 | 174 | 178 | 151 | 120 | 163 | 163 | 159 | 81  | 78  | 23  |  | 50  | 113  | 136 | 140 | 140 | 148 | 139              |  |  |
| 7          | 164 | 168 | 175 | 175 | 179 | 191 | 199 | 188 | 207 | 200 | 172 | 161 | 153 | 94  | -38 | 16  | 79  | 63  |  | 40  | 36   | 55  | 83  | 126 | 145 | 126              |  |  |
| 8          | 157 | 157 | 165 | 179 | 191 | 183 | 171 | 168 | 171 | 179 | 171 | 132 | 86  | 144 | 156 | 156 | 156 | 152 |  | 144 | 140  | 148 | 148 | 156 | 160 | 157              |  |  |
| 9          | 156 | 164 | 171 | 164 | 168 | 171 | 171 | 171 | 195 | 218 | 199 | 170 | 139 | 100 | 49  | 26  | 92  | 124 |  | 116 | 108  | 147 | 163 | 163 | 163 | 146              |  |  |
| 10 Q       | 159 | 163 | 163 | 167 | 162 | 162 | 166 | 166 | 177 | 204 | 169 | 158 | 154 | 154 | 154 | 154 | 154 | 154 |  | 155 | 151  | 155 | 155 | 159 | 159 | 161              |  |  |
| 11         | 163 | 158 | 162 | 158 | 162 | 162 | 169 | 193 | 255 | 256 | 163 | 131 | 131 | 108 | 109 | 86  | 140 | 160 |  | 148 | 70   | 31  | 70  | 117 | 179 | 145              |  |  |
| 12 D       | 210 | 222 | 234 | 226 | 210 | 203 | 128 | 148 | 117 | 86  | 86  | 140 | 179 | 148 | 97  | 144 | -70 | -51 |  | 62  | 109  | 164 | 171 | 171 | 171 | 138              |  |  |
| 13         | 175 | 183 | 191 | 179 | 171 | 171 | 175 | 175 | 171 | 171 | 175 | 184 | 165 | 157 | 153 | 137 | 129 | 118 |  | 141 | 153  | 153 | 157 | 153 | 145 | 162              |  |  |
| 14         | 154 | 158 | 165 | 165 | 169 | 172 | 172 | 172 | 169 | 172 | 176 | 176 | 172 | 165 | 149 | 110 | 87  | 133 |  | 137 | 133  | 141 | 140 | 144 | 156 | 154              |  |  |
| 15         | 160 | 168 | 179 | 203 | 203 | 227 | 211 | 228 | 166 | 181 | 127 | 134 | 127 | 95  | 21  | -57 | 52  | 119 |  | 95  | 119  | 146 | 158 | 173 | 181 | 142              |  |  |
| 16         | 181 | 177 | 173 | 173 | 181 | 208 | 236 | 220 | 56  | 83  | 63  | 188 | 180 | 153 | 110 | 133 | 161 | 164 |  | 164 | 164  | 164 | 164 | 164 | 168 | 160              |  |  |
| 17         | 179 | 191 | 203 | 195 | 206 | 257 | 234 | 187 | 179 | 195 | 206 | 179 | -51 | -12 | 136 | 160 | 86  | 15  |  | 8   | 93   | 128 | 148 | 168 | 179 | 145              |  |  |
| 18         | 179 | 179 | 179 | 187 | 210 | 210 | 230 | 242 | 300 | 218 | 148 | 160 | 156 | 148 | 156 | 148 | 140 | 86  |  | 105 | 156  | 168 | 164 | 171 | 179 | 176              |  |  |
| 19         | 175 | 179 | 175 | 171 | 168 | 168 | 164 | 183 | 218 | 191 | 168 | 160 | 156 | 152 | 156 | 156 | 160 | 164 |  | 163 | 163  | 159 | 155 | 160 | 148 | 167              |  |  |
| 20         | 171 | 206 | 249 | 203 | 191 | 183 | 191 | 218 | 203 | 210 | 199 | 195 | 175 | 164 | 136 | 132 | 47  | -78 |  | -40 | 69   | 104 | 131 | 131 | 147 | 147              |  |  |
| 21         | 178 | 186 | 202 | 213 | 206 | 203 | 206 | 246 | 203 | 222 | 187 | 156 | 148 | 164 | 160 | 164 | 168 | 160 |  | 160 | 150  | 148 | 148 | 156 | 167 | 179              |  |  |
| 22         | 167 | 174 | 178 | 187 | 195 | 171 | 171 | 187 | 226 | 238 | 242 | 179 | 168 | 128 | 93  | 79  | 91  | 133 |  | 149 | 149  | 141 | 137 | 145 | 153 | 162              |  |  |
| 23 D       | 165 | 176 | 172 | 172 | 173 | 173 | 170 | 170 | 173 | 173 | 173 | 173 | 166 | 166 | 154 | 72  | 33  | 60  |  | 95  | -123 | 52  | 134 | 166 | 185 | 134              |  |  |
| 24 D       | 212 | 92  | 40  | 142 | 227 | 219 | -93 | -7  | 149 | 250 | 250 | 282 | 207 | 191 | 195 | 199 | 195 | 195 |  | 195 | 191  | 191 | 187 | 191 | 187 | 170              |  |  |
| 25 D       | 187 | 186 | 190 | 194 | 194 | 194 | 190 | 190 | 131 | 112 | 190 | 191 | 195 | 218 | 140 | 117 | 117 | 164 |  | 165 | 161  | 180 | 184 | 188 | 192 | 174              |  |  |
| 26         | 188 | 188 | 180 | 180 | 184 | 184 | 176 | 188 | 188 | 188 | 172 | 141 | 149 | 157 | 94  | 91  | 117 | 113 |  | 132 | 160  | 168 | 171 | 171 | 171 | 160              |  |  |
| 27 Q       | 171 | 175 | 179 | 179 | 179 | 178 | 174 | 174 | 178 | 174 | 178 | 178 | 167 | 159 | 147 | 151 | 155 | 167 |  | 169 | 169  | 169 | 166 | 166 | 169 | 170              |  |  |
| 28 Q       | 173 | 173 | 173 | 178 | 178 | 178 | 178 | 178 | 174 | 174 | 170 | 167 | 163 | 148 | 140 | 125 | 128 | 86  |  | 140 | 164  | 164 | 164 | 164 | 164 | 160              |  |  |
| 29         | 164 | 164 | 164 | 168 | 164 | 168 | 171 | 179 | 191 | 218 | 179 | 152 | 93  | 70  | 74  | 4   | 46  | 65  |  | 112 | 147  | 163 | 163 | 170 | 186 | 141              |  |  |
| 30         | 217 | 182 | 174 | 182 | 186 | 181 | 177 | 177 | 177 | 169 | 166 | 166 | 154 | 146 | 154 | 154 | 154 | 150 |  | 96  | 92   | 127 | 147 | 143 | 155 | 159              |  |  |
| 31         | 163 | 170 | 178 | 178 | 174 | 170 | 170 | 170 | 182 | 167 | 139 | 124 | 112 | 53  | 65  | 96  | 104 | 127 |  | 100 | 90   | 121 | 144 | 156 | 164 | 138              |  |  |
| Средн      | 173 | 172 | 175 | 180 | 183 | 183 | 171 | 177 | 178 | 173 | 169 | 163 | 144 | 136 | 127 | 115 | 113 | 109 |  | 117 | 124  | 141 | 151 | 158 | 165 | 154              |  |  |
| Средн<br>Q | 169 | 170 | 171 | 172 | 170 | 169 | 169 | 167 | 170 | 174 | 167 | 164 | 160 | 152 | 148 | 146 | 146 | 140 |  | 152 | 156  | 158 | 160 | 161 | 160 | 161              |  |  |
| Средн<br>D | 191 | 173 | 168 | 186 | 202 | 209 | 126 | 138 | 150 | 163 | 181 | 193 | 139 | 142 | 144 | 138 | 72  | 77  |  | 105 | 86   | 143 | 165 | 177 | 183 | 152              |  |  |

Станция Уэлен

Арктический и Антарктический научно-исследовательский институт

М 34

Год 1969 месяц апрельЭлемент D=14°30'0+...

o = \_\_\_\_\_ E = \_\_\_\_\_

| число           | 1   | 2   | 3   | 4   | 5   | 6   | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 18   | 18   | 19   | 20   | 21   | 22   | 23   | 24   | Средне-<br>суточн | Время | Макси-<br>мум | Мини-<br>мум | Время | Ампли-<br>туда | Хар.<br>0,12 | Числен-<br>ная ха-<br>рактер | Особ.<br>явления | Сумма |
|-----------------|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------------------|-------|---------------|--------------|-------|----------------|--------------|------------------------------|------------------|-------|
| 1 <sup>D</sup>  | 11  | 7   | 6   | 4   | 3   | 6   | 4    | 7    | 7    | 7    | 13   | 13   | 12   | 15   | 15   | 14   | 9    | 15   | 19   | -8   | -7   | 9    | 7    | 7    | 8.1  |                   |       |               |              |       |                |              |                              |                  |       |
| 2               | 7   | 6   | 7   | 7   | 9   | 11  | 11   | 11   | 11   | 11   | 11   | 17   | 16   | 15   | 10   | 7    | 7    | 27   | 28   | 11   | 3    | 5    | 8    | 11.1 |      |                   |       |               |              |       |                |              |                              |                  |       |
| 3               | 7   | 5   | 2   | 3   | 8   | 8   | 9    | 12   | 11   | 9    | 10   | 9    | 12   | 12   | 13   | 13   | 12   | 11   | 16   | 19   | 18   | 16   | 14   | 10   | 10.8 |                   |       |               |              |       |                |              |                              |                  |       |
| 4               | 6   | 3   | 3   | 6   | 7   | 6   | 11   | 11   | 18   | 14   | 8    | 7    | 13   | 15   | 12   | 12   | 15   | 15   | 18   | 17   | 15   | 12   | 13   | 15   | 11.3 |                   |       |               |              |       |                |              |                              |                  |       |
| 5               | 9   | 4   | 5   | 4   | 7   | 6   | 19   | 9    | 6    | 9    | 15   | 11   | 11   | 11   | 14   | 14   | 15   | 13   | 15   | 20   | 19   | 15   | 15   | 13   | 11.6 |                   |       |               |              |       |                |              |                              |                  |       |
| 6               | 11  | 6   | 3   | 3   | 2   | 7   | 9    | 10   | 14   | 11   | 12   | 12   | 12   | 12   | 13   | 15   | 15   | 14   | 21   | 18   | 13   | 20   | 11   | 7    | 11.3 |                   |       |               |              |       |                |              |                              |                  |       |
| 7               | 7   | 3   | 1   | 2   | 3   | 9   | 7    | 11   | 11   | 9    | 11   | 14   | 19   | 18   | 21   | 11   | 14   | 18   | 16   | 11   | 16   | 19   | 14   | 14   | 11.6 |                   |       |               |              |       |                |              |                              |                  |       |
| 8               | 8   | 5   | 3   | 3   | 5   | 7   | 10   | 11   | 11   | 11   | 14   | 11   | 12   | 15   | 15   | 15   | 17   | 18   | 19   | 19   | 19   | 17   | 11   | 9    | 11.9 |                   |       |               |              |       |                |              |                              |                  |       |
| 9               | 9   | 7   | 4   | 4   | 3   | 1   | 7    | 8    | 8    | 11   | 9    | 15   | 15   | 23   | 21   | 27   | 39   | 26   | 19   | 11   | 14   | 11   | 12   | 11   | 13.1 |                   |       |               |              |       |                |              |                              |                  |       |
| 10 <sup>Q</sup> | 8   | 8   | 7   | 6   | 6   | 8   | 7    | 11   | 10   | 10   | 11   | 11   | 13   | 12   | 12   | 17   | 14   | 13   | 21   | 20   | 19   | 18   | 15   | 12   | 12.0 |                   |       |               |              |       |                |              |                              |                  |       |
| 11              | 9   | 8   | 6   | 5   | 6   | 7   | 6    | 7    | 4    | 8    | 10   | 16   | 19   | 20   | 17   | 17   | 17   | 19   | 19   | 18   | 16   | 15   | 13   | 11   | 12.2 |                   |       |               |              |       |                |              |                              |                  |       |
| 12              | 11  | 10  | 8   | 7   | 7   | 10  | 11   | 11   | 11   | 11   | 11   | 11   | 14   | 12   | 15   | 15   | 15   | 15   | 19   | 17   | 18   | 21   | 14   | 24   | 13.2 |                   |       |               |              |       |                |              |                              |                  |       |
| 13 <sup>D</sup> | 15  | 4   | 2   | 3   | 5   | 11  | 13   | 19   | 7    | 7    | 6    | 7    | 0    | 3    | 14   | 17   | 17   | 21   | 15   | 14   | 12   | 1    | 5    | 6    | 9.3  |                   |       |               |              |       |                |              |                              |                  |       |
| 14              | 12  | 19  | 8   | 4   | 6   | 8   | 9    | 10   | 11   | 10   | 9    | 5    | 9    | 13   | 14   | 14   | 19   | 19   | 19   | 22   | 22   | 18   | 13   | 9    | 12.6 |                   |       |               |              |       |                |              |                              |                  |       |
| 15              | 11  | 5   | 6   | 6   | 8   | 10  | 8    | 9    | 22   | 7    | -1   | 9    | 14   | 11   | 13   | 15   | 18   | 21   | 22   | 19   | 18   | 17   | 13   | 12   | 12.2 |                   |       |               |              |       |                |              |                              |                  |       |
| 16              | 11  | 9   | 7   | 5   | 3   | 4   | 11   | 11   | 11   | 10   | 9    | 12   | 23   | 15   | 11   | 16   | 19   | 23   | 27   | 26   | 23   | 11   | 7    | 11   | 13.1 |                   |       |               |              |       |                |              |                              |                  |       |
| 17 <sup>D</sup> | 4   | 4   | 2   | 3   | 3   | 3   | 15   | 10   | 7    | 14   | 9    | 14   | 9    | 11   | 12   | 12   | 35   | 34   | 22   | 15   | 19   | 12   | 14   | 12   | 12.3 |                   |       |               |              |       |                |              |                              |                  |       |
| 18              | 7   | 5   | 6   | 6   | 4   | 5   | 15   | 9    | 8    | 10   | 11   | 7    | 7    | 13   | 12   | 14   | 15   | 16   | 19   | 19   | 18   | 19   | 12   | 7    | 11.0 |                   |       |               |              |       |                |              |                              |                  |       |
| 19 <sup>Q</sup> | 7   | 6   | 6   | 5   | 6   | 7   | 9    | 11   | 11   | 11   | 12   | 12   | 11   | 12   | 15   | 15   | 17   | 19   | 19   | 20   | 17   | 16   | 11   | 10   | 11.9 |                   |       |               |              |       |                |              |                              |                  |       |
| 20              | 11  | 6   | 6   | 7   | 7   | 7   | 10   | 11   | 11   | 11   | 11   | 11   | 11   | 15   | 15   | 17   | 17   | 19   | 20   | 18   | 19   | 14   | 9    | 7    | 12.1 |                   |       |               |              |       |                |              |                              |                  |       |
| 21 <sup>Q</sup> | 7   | 7   | 6   | 5   | 6   | 9   | 11   | 12   | 14   | 12   | 12   | 12   | 12   | 13   | 14   | 15   | 18   | 19   | 20   | 21   | 22   | 19   | 17   | 9    | 13.0 |                   |       |               |              |       |                |              |                              |                  |       |
| 22              | 6   | 4   | 4   | 3   | 4   | 6   | 7    | 14   | 12   | 12   | 12   | 13   | 18   | 11   | 10   | 13   | 17   | 19   | 19   | 20   | 18   | 19   | 16   | 13   | 12.1 |                   |       |               |              |       |                |              |                              |                  |       |
| 23 <sup>Q</sup> | 11  | 9   | 7   | 7   | 7   | 9   | 11   | 12   | 11   | 11   | 12   | 12   | 15   | 15   | 14   | 15   | 15   | 19   | 19   | 19   | 18   | 16   | 14   | 13   | 13.0 |                   |       |               |              |       |                |              |                              |                  |       |
| 24              | 10  | 7   | 3   | 4   | 7   | 11  | 11   | 11   | 11   | 11   | 11   | 11   | 12   | 14   | 15   | 15   | 15   | 19   | 20   | 19   | 19   | 15   | 11   | 9    | 12.1 |                   |       |               |              |       |                |              |                              |                  |       |
| 25              | 9   | -1  | 3   | 6   | 7   | 9   | 11   | 12   | 9    | 11   | 12   | 15   | 15   | 14   | 14   | 15   | 18   | 18   | 18   | 19   | 17   | 12   | 11   | 7    | 11.7 |                   |       |               |              |       |                |              |                              |                  |       |
| 26 <sup>Q</sup> | 7   | 7   | 7   | 9   | 8   | 10  | 10   | 11   | 11   | 12   | 12   | 13   | 12   | 14   | 14   | 14   | 15   | 17   | 17   | 13   | 14   | 11   | 8    | 10   | 11.5 |                   |       |               |              |       |                |              |                              |                  |       |
| 27              | 9   | 7   | 5   | 7   | 8   | 8   | 9    | 9    | 9    | 11   | 17   | 15   | 10   | 11   | 12   | 16   | 20   | 17   | 18   | 17   | 17   | 17   | 14   | 12   | 12.3 |                   |       |               |              |       |                |              |                              |                  |       |
| 28 <sup>D</sup> | 10  | 9   | 9   | 9   | 7   | 11  | 15   | -22  | -21  | -18  | -12  | -6   | -1   | 4    | 18   | 12   | 15   | 22   | 20   | 19   | 17   | 14   | 11   | 11   | 6.4  |                   |       |               |              |       |                |              |                              |                  |       |
| 29              | 7   | 7   | 7   | 7   | 7   | 8   | 11   | 11   | 10   | 11   | 11   | 11   | 12   | 13   | 17   | 17   | 17   | 25   | 25   | 17   | 14   | 15   | 15   | 5    | 12.5 |                   |       |               |              |       |                |              |                              |                  |       |
| 30 <sup>D</sup> | 3   | 4   | 5   | 7   | 3   | 7   | 8    | 4    | 9    | 19   | 13   | 12   | 7    | 11   | 20   | 12   | 17   | 21   | 19   | 15   | 15   | 12   | 8    | 7    | 10.8 |                   |       |               |              |       |                |              |                              |                  |       |
| 31              |     |     |     |     |     |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                   |       |               |              |       |                |              |                              |                  |       |
| средн.          | 8.7 | 6.3 | 5.1 | 5.2 | 5.7 | 7.6 | 10.2 | 9.4  | 9.5  | 9.8  | 10.0 | 10.9 | 12.2 | 13.1 | 14.6 | 14.8 | 17.1 | 18.4 | 19.6 | 17.4 | 16.3 | 14.5 | 11.8 | 10.4 | 11.6 |                   |       |               |              |       |                |              |                              |                  |       |
| сумма           | 8.0 | 7.4 | 6.6 | 6.4 | 6.6 | 8.6 | 9.6  | 11.4 | 11.4 | 11.2 | 11.8 | 12.0 | 12.6 | 13.2 | 13.8 | 15.2 | 15.8 | 17.4 | 19.2 | 18.6 | 18.0 | 16.0 | 13.0 | 10.8 | 12.3 |                   |       |               |              |       |                |              |                              |                  |       |
| D               | 8.6 | 5.6 | 4.8 | 5.2 | 4.2 | 7.6 | 11.0 | 3.6  | 1.8  | 5.8  | 5.8  | 8.0  | 5.4  | 8.8  | 15.8 | 13.4 | 18.6 | 22.6 | 19.0 | 11.0 | 11.2 | 9.6  | 9.0  | 8.6  | 9.4  |                   |       |               |              |       |                |              |                              |                  |       |

ПРИМЕЧАНИЯ

Обработка

Контроль

Станция Уэлен Арктический и Антарктический научно-исследовательский институт  
 Год 1969 месяц апрель элемент H=14000г<sup>+</sup>

|            | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15   | 16   | 17   | 18   |  | 19   | 20   | 21  | 22  | 23  | 24  | СРЕДНЕ<br>СУТОЧН |  |  |
|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|--|------|------|-----|-----|-----|-----|------------------|--|--|
| 1D         | 113 | 113 | 139 | 132 | 155 | 166 | 162 | 170 | 189 | 139 | 166 | 170 | 139 | 143 | 143  | 132  | 82   | -127 |  | -43  | -119 | -16 | 48  | 82  | 105 | 99               |  |  |
| 2          | 117 | 113 | 117 | 128 | 128 | 132 | 131 | 135 | 138 | 138 | 154 | 161 | 116 | 112 | 123  | 66   | -36  | -74  |  | 74   | 89   | 13  | 55  | 66  | 70  | 94               |  |  |
| 3          | 70  | 188 | 154 | 123 | 100 | 131 | 138 | 147 | 158 | 139 | 132 | 132 | 132 | 132 | 117  | 113  | 75   | 75   |  | 79   | 79   | 94  | 94  | 86  | 101 | 116              |  |  |
| 4          | 98  | 94  | 109 | 147 | 139 | 147 | 139 | 155 | 158 | 143 | 117 | 33  | 18  | 120 | 136  | 124  | 124  | 124  |  | 98   | 82   | 86  | 98  | 109 | 105 | 113              |  |  |
| 5          | 94  | 94  | 101 | 128 | 120 | 162 | 166 | 162 | 189 | 196 | 147 | 136 | 132 | 117 | 124  | 117  | 109  | 90   |  | 101  | 113  | 109 | 109 | 109 | 101 | 126              |  |  |
| 6          | 94  | 105 | 124 | 124 | 143 | 132 | 151 | 147 | 151 | 143 | 139 | 139 | 139 | 139 | 132  | 128  | 117  | 109  |  | 98   | 82   | 113 | 105 | 75  | 75  | 121              |  |  |
| 7          | 94  | 109 | 117 | 147 | 185 | 284 | 360 | 261 | 185 | 170 | 132 | 124 | 98  | 25  | -9   | 71   | 52   | 41   |  | -28  | 33   | 113 | 109 | 104 | 93  | 120              |  |  |
| 8          | 89  | 104 | 108 | 117 | 117 | 124 | 136 | 139 | 143 | 147 | 139 | 139 | 136 | 128 | 128  | 124  | 124  | 132  |  | 128  | 120  | 109 | 98  | 101 | 101 | 122              |  |  |
| 9          | 101 | 101 | 117 | 139 | 162 | 166 | 162 | 158 | 170 | 185 | 120 | 94  | 18  | -32 | -89  | -206 | -180 | -47  |  | 37   | 25   | 94  | 124 | 128 | 117 | 69               |  |  |
| 10Q        | 113 | 117 | 120 | 132 | 139 | 158 | 162 | 177 | 162 | 166 | 142 | 131 | 135 | 131 | 112  | 89   | 104  | 36   |  | 93   | 116  | 119 | 123 | 123 | 116 | 126              |  |  |
| 11         | 116 | 108 | 131 | 131 | 138 | 138 | 176 | 256 | 214 | 245 | 222 | 169 | 131 | 161 | 146  | 131  | 131  | 131  |  | 135  | 131  | 131 | 131 | 123 | 119 | 152              |  |  |
| 12         | 108 | 100 | 100 | 108 | 119 | 142 | 131 | 138 | 146 | 142 | 146 | 154 | 146 | 146 | 138  | 146  | 146  | 131  |  | 131  | 131  | 127 | 100 | 131 | 94  | 129              |  |  |
| 13D        | 101 | 101 | 113 | 132 | 139 | 193 | 291 | 269 | 177 | 204 | 239 | 196 | 124 | 44  | 18   | -85  | -203 | -203 |  | -180 | -51  | -43 | -66 | 18  | 67  | 66               |  |  |
| 14         | 109 | 162 | 151 | 109 | 124 | 146 | 131 | 131 | 146 | 142 | 150 | 142 | 127 | 127 | 127  | 119  | 112  | 112  |  | 100  | 90   | 75  | 90  | 109 | 98  | 122              |  |  |
| 15         | 101 | 90  | 117 | 147 | 196 | 170 | 166 | 215 | 253 | 196 | 196 | 71  | 94  | 120 | 124  | 120  | 109  | 101  |  | 105  | 120  | 124 | 117 | 117 | 109 | 137              |  |  |
| 16         | 101 | 105 | 113 | 128 | 143 | 177 | 310 | 185 | 193 | 170 | 174 | 82  | -89 | 94  | 94   | 56   | 56   | 56   |  | 109  | 101  | 75  | 79  | 100 | 100 | 113              |  |  |
| 17D        | 85  | 123 | 117 | 109 | 132 | 208 | 246 | 269 | 310 | 204 | 170 | 105 | 44  | -51 | -157 | -195 | -66  | 25   |  | 3    | 33   | 94  | 94  | 94  | 101 | 87               |  |  |
| 18         | 105 | 120 | 166 | 204 | 151 | 174 | 185 | 189 | 162 | 147 | 151 | 128 | 117 | 120 | 124  | 128  | 124  | 120  |  | 120  | 109  | 109 | 101 | 94  | 90  | 135              |  |  |
| 19Q        | 101 | 105 | 117 | 117 | 124 | 132 | 136 | 136 | 136 | 139 | 139 | 139 | 147 | 132 | 136  | 132  | 132  | 128  |  | 123  | 119  | 119 | 108 | 108 | 108 | 126              |  |  |
| 20         | 93  | 81  | 89  | 100 | 124 | 143 | 147 | 139 | 147 | 143 | 143 | 143 | 147 | 139 | 139  | 139  | 136  | 124  |  | 124  | 109  | 109 | 105 | 98  | 101 | 123              |  |  |
| 21Q        | 105 | 101 | 98  | 113 | 132 | 139 | 147 | 136 | 143 | 143 | 143 | 143 | 147 | 147 | 147  | 147  | 143  | 143  |  | 147  | 143  | 136 | 128 | 105 | 94  | 132              |  |  |
| 22         | 94  | 105 | 117 | 132 | 147 | 170 | 193 | 147 | 174 | 151 | 151 | 56  | 162 | 155 | 155  | 155  | 155  | 151  |  | 155  | 155  | 139 | 132 | 124 | 117 | 141              |  |  |
| 23Q        | 101 | 113 | 117 | 124 | 136 | 139 | 151 | 143 | 151 | 147 | 147 | 155 | 158 | 143 | 143  | 147  | 151  | 146  |  | 142  | 131  | 131 | 119 | 116 | 116 | 136              |  |  |
| 24         | 112 | 108 | 100 | 108 | 146 | 161 | 154 | 154 | 154 | 150 | 150 | 154 | 154 | 155 | 151  | 151  | 147  | 139  |  | 147  | 136  | 136 | 132 | 120 | 113 | 139              |  |  |
| 25         | 94  | 82  | 117 | 136 | 139 | 147 | 147 | 155 | 151 | 151 | 155 | 158 | 147 | 139 | 132  | 124  | 143  | 147  |  | 139  | 128  | 120 | 109 | 101 | 98  | 132              |  |  |
| 26Q        | 105 | 109 | 117 | 136 | 139 | 139 | 143 | 147 | 147 | 155 | 151 | 147 | 155 | 147 | 151  | 147  | 139  | 139  |  | 132  | 120  | 124 | 124 | 109 | 117 | 135              |  |  |
| 27         | 113 | 109 | 101 | 124 | 158 | 155 | 147 | 155 | 143 | 155 | 139 | 147 | 151 | 147 | 128  | 132  | 155  | 151  |  | 132  | 136  | 136 | 128 | 124 | 120 | 137              |  |  |
| 28D        | 117 | 124 | 128 | 147 | 189 | 367 | 352 | 402 | 215 | 345 | 71  | 3   | 109 | -62 | 10   | 138  | 100  | 135  |  | 131  | 135  | 127 | 127 | 123 | 123 | 152              |  |  |
| 29         | 116 | 119 | 119 | 123 | 123 | 119 | 123 | 135 | 135 | 131 | 135 | 131 | 135 | 127 | 131  | 108  | 78   | 100  |  | 100  | 51   | 62  | 100 | 81  | 60  | 110              |  |  |
| 30D        | 98  | 120 | 170 | 177 | 185 | 326 | 219 | 155 | 215 | 147 | 139 | 147 | 33  | 10  | -218 | -111 | 90   | 94   |  | 71   | 79   | 109 | 86  | 86  | 113 | 106              |  |  |
| 31         |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |      |      |      |  |      |      |     |     |     |     |                  |  |  |
| Средн      | 102 | 111 | 120 | 131 | 142 | 170 | 180 | 177 | 172 | 166 | 150 | 128 | 113 | 105 | 91   | 86   | 85   | 81   |  | 90   | 91   | 99  | 100 | 102 | 101 | 121              |  |  |
| Средн<br>Q | 105 | 109 | 114 | 124 | 134 | 141 | 148 | 148 | 148 | 150 | 144 | 143 | 148 | 140 | 138  | 132  | 134  | 118  |  | 127  | 126  | 126 | 120 | 112 | 110 | 131              |  |  |
| Средн<br>D | 103 | 116 | 133 | 139 | 160 | 252 | 254 | 253 | 221 | 208 | 157 | 124 | 90  | 17  | -41  | -24  | 1    | -15  |  | -4   | 15   | 54  | 58  | 81  | 102 | 102              |  |  |

Станция Уэлен Арктический и Антарктический научно-исследовательский институт  
 Год 1969 месяц апрель элемент Z=53400γ+...

|            | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  |  | 19  | 20  | 21  | 22  | 23  | 24  | средне<br>суточн |  |  |
|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|-----|-----|-----|-----|-----|-----|------------------|--|--|
| 1D         | 164 | 164 | 168 | 175 | 178 | 178 | 186 | 198 | 202 | 186 | 127 | 170 | 182 | 170 | 170 | 170 | 135 | -32 |  | 7   | -5  | -9  | 61  | 131 | 151 | 134              |  |  |
| 2          | 155 | 170 | 171 | 171 | 171 | 168 | 168 | 164 | 164 | 168 | 171 | 191 | 160 | 109 | 128 | 101 | 39  | -70 |  | -24 | 83  | 98  | 93  | 125 | 160 | 126              |  |  |
| 3          | 199 | 226 | 214 | 206 | 199 | 183 | 183 | 187 | 175 | 171 | 171 | 168 | 148 | 164 | 164 | 160 | 144 | 140 |  | 121 | 121 | 125 | 136 | 178 | 156 | 167              |  |  |
| 4          | 171 | 175 | 183 | 195 | 199 | 195 | 187 | 179 | 183 | 164 | 156 | 62  | 47  | 86  | 155 | 155 | 163 | 163 |  | 159 | 147 | 131 | 135 | 131 | 143 | 153              |  |  |
| 5          | 163 | 163 | 167 | 171 | 171 | 179 | 203 | 203 | 249 | 253 | 214 | 187 | 175 | 160 | 155 | 147 | 147 | 127 |  | 116 | 131 | 139 | 143 | 151 | 159 | 170              |  |  |
| 6          | 163 | 170 | 178 | 174 | 170 | 170 | 167 | 178 | 194 | 174 | 163 | 159 | 155 | 151 | 139 | 124 | 135 | 139 |  | 116 | 116 | 104 | 120 | 143 | 155 | 152              |  |  |
| 7          | 167 | 202 | 190 | 205 | 213 | 178 | 264 | 256 | 245 | 225 | 186 | 163 | 139 | 92  | 93  | 136 | 121 | 74  |  | 54  | 93  | 125 | 148 | 156 | 156 | 162              |  |  |
| 8          | 171 | 179 | 179 | 179 | 171 | 164 | 168 | 171 | 168 | 171 | 179 | 171 | 156 | 116 | 124 | 131 | 139 | 143 |  | 151 | 155 | 155 | 151 | 155 | 159 | 159              |  |  |
| 9          | 159 | 163 | 170 | 174 | 178 | 190 | 217 | 209 | 209 | 229 | 194 | 174 | 143 | 108 | 92  | 53  | -9  | 50  |  | 101 | 86  | 121 | 152 | 168 | 171 | 146              |  |  |
| 10Q        | 175 | 175 | 175 | 171 | 168 | 171 | 187 | 214 | 226 | 222 | 191 | 183 | 187 | 168 | 140 | 102 | 126 | 28  |  | 48  | 94  | 118 | 133 | 141 | 149 | 154              |  |  |
| 11         | 149 | 153 | 157 | 165 | 169 | 165 | 175 | 231 | 270 | 270 | 243 | 196 | 157 | 180 | 188 | 176 | 165 | 161 |  | 153 | 153 | 157 | 157 | 157 | 157 | 179              |  |  |
| 12         | 161 | 161 | 160 | 160 | 160 | 164 | 164 | 160 | 156 | 164 | 160 | 160 | 156 | 148 | 136 | 140 | 150 | 150 |  | 152 | 156 | 156 | 152 | 148 | 156 | 155              |  |  |
| 13D        | 175 | 175 | 199 | 183 | 171 | 210 | 304 | 324 | 246 | 222 | 214 | 147 | 96  | 49  | 49  | 11  | 18  | -5  |  | -79 | -71 | -1  | 53  | 104 | 151 | 123              |  |  |
| 14         | 178 | 217 | 174 | 191 | 175 | 175 | 171 | 168 | 168 | 175 | 179 | 171 | 125 | 148 | 156 | 156 | 148 | 148 |  | 152 | 136 | 125 | 144 | 160 | 164 | 163              |  |  |
| 15         | 187 | 186 | 186 | 209 | 237 | 229 | 209 | 237 | 256 | 202 | 202 | 186 | 139 | 147 | 163 | 163 | 159 | 155 |  | 147 | 155 | 155 | 159 | 163 | 167 | 183              |  |  |
| 16         | 167 | 170 | 178 | 186 | 186 | 202 | 256 | 213 | 248 | 217 | 205 | 112 | 3   | 77  | 124 | 108 | 104 | 116 |  | 113 | 136 | 140 | 144 | 164 | 171 | 156              |  |  |
| 17D        | 191 | 210 | 218 | 179 | 171 | 195 | 242 | 233 | 248 | 217 | 124 | 85  | 116 | 77  | 124 | 49  | -13 | 34  |  | 81  | 92  | 116 | 131 | 147 | 170 | 143              |  |  |
| 18         | 194 | 209 | 221 | 217 | 194 | 202 | 217 | 225 | 212 | 202 | 190 | 131 | 89  | 120 | 151 | 163 | 167 | 167 |  | 163 | 163 | 155 | 155 | 163 | 167 | 177              |  |  |
| 19Q        | 174 | 178 | 182 | 178 | 167 | 163 | 163 | 163 | 163 | 163 | 163 | 159 | 155 | 125 | 132 | 148 | 156 | 160 |  | 160 | 152 | 148 | 140 | 152 | 156 | 158              |  |  |
| 20         | 164 | 164 | 171 | 168 | 164 | 164 | 175 | 171 | 168 | 168 | 164 | 164 | 147 | 151 | 155 | 155 | 155 | 147 |  | 143 | 124 | 112 | 116 | 120 | 127 | 152              |  |  |
| 21Q        | 155 | 178 | 174 | 170 | 170 | 167 | 163 | 163 | 163 | 163 | 163 | 163 | 159 | 155 | 155 | 155 | 155 | 155 |  | 155 | 160 | 156 | 156 | 160 | 164 | 162              |  |  |
| 22         | 160 | 160 | 160 | 159 | 155 | 151 | 163 | 178 | 178 | 186 | 159 | 108 | 131 | 155 | 151 | 151 | 155 | 155 |  | 155 | 155 | 155 | 151 | 155 | 155 | 156              |  |  |
| 23Q        | 163 | 163 | 170 | 167 | 170 | 167 | 170 | 170 | 168 | 160 | 156 | 156 | 144 | 125 | 132 | 148 | 156 | 156 |  | 156 | 156 | 152 | 148 | 148 | 156 | 157              |  |  |
| 24         | 156 | 160 | 164 | 171 | 175 | 187 | 191 | 175 | 164 | 160 | 156 | 152 | 148 | 148 | 152 | 152 | 152 | 148 |  | 148 | 152 | 148 | 152 | 152 | 152 | 159              |  |  |
| 25         | 156 | 171 | 170 | 163 | 163 | 167 | 174 | 170 | 167 | 159 | 155 | 147 | 131 | 135 | 120 | 85  | 124 | 143 |  | 151 | 155 | 155 | 151 | 151 | 155 | 151              |  |  |
| 26Q        | 155 | 163 | 167 | 163 | 155 | 155 | 155 | 155 | 155 | 155 | 159 | 155 | 151 | 143 | 147 | 147 | 143 | 147 |  | 139 | 131 | 116 | 127 | 139 | 143 | 149              |  |  |
| 27         | 151 | 163 | 178 | 170 | 182 | 186 | 186 | 186 | 186 | 178 | 178 | 170 | 163 | 147 | 89  | 104 | 144 | 156 |  | 160 | 148 | 148 | 148 | 148 | 148 | 159              |  |  |
| 28D        | 148 | 148 | 148 | 148 | 156 | 226 | 206 | -51 | -94 | 54  | 93  | 179 | 187 | 288 | 199 | 171 | 160 | 168 |  | 168 | 164 | 164 | 164 | 164 | 160 | 147              |  |  |
| 29         | 164 | 160 | 164 | 160 | 160 | 164 | 164 | 160 | 164 | 164 | 164 | 160 | 160 | 164 | 168 | 156 | 101 | 101 |  | 128 | 125 | 113 | 125 | 140 | 164 | 150              |  |  |
| 30D        | 183 | 179 | 195 | 218 | 222 | 222 | 246 | 218 | 234 | 140 | 136 | 171 | 132 | 4   | -20 | 23  | 90  | 120 |  | 131 | 124 | 139 | 155 | 159 | 167 | 150              |  |  |
| 31         |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |  |     |     |     |     |     |     |                  |  |  |
| Средн      | 167 | 175 | 178 | 178 | 177 | 181 | 194 | 187 | 188 | 183 | 170 | 157 | 139 | 134 | 134 | 128 | 124 | 115 |  | 118 | 123 | 127 | 137 | 148 | 157 | 155              |  |  |
| Средн<br>Q | 164 | 171 | 174 | 170 | 166 | 165 | 168 | 173 | 175 | 173 | 166 | 163 | 159 | 143 | 141 | 140 | 147 | 129 |  | 132 | 139 | 138 | 141 | 148 | 154 | 156              |  |  |
| Средн<br>D | 172 | 175 | 186 | 186 | 180 | 206 | 237 | 184 | 167 | 164 | 139 | 150 | 143 | 118 | 104 | 85  | 78  | 57  |  | 62  | 61  | 82  | 113 | 141 | 160 | 139              |  |  |

Станция Уэлен  
 Год 1969 месяц май

Арктический и Антарктический научно-исследовательский институт

М 34

Элемент D=14°30'0"+...

о = \_\_\_\_\_ Е = \_\_\_\_\_

| число  | 1   | 2   | 3    | 4    | 5   | 6   | 7   | 8    | 9    | 10   | 11   | 12  | 13   | 14   | 15   | 16   | 17   | 18   | 18 | 19   | 20   | 21   | 22   | 23   | 24  | Средне-<br>суточн | Время | Макси-<br>мум | Мини-<br>мум | Время | Ампли-<br>туда | Хар.<br>0,12 | Числен-<br>ная ха-<br>рактер | Особ.<br>явления | Сумма |  |
|--------|-----|-----|------|------|-----|-----|-----|------|------|------|------|-----|------|------|------|------|------|------|----|------|------|------|------|------|-----|-------------------|-------|---------------|--------------|-------|----------------|--------------|------------------------------|------------------|-------|--|
| 1      | 7   | 3   | 3    | 3    | 7   | 7   | 11  | 19   | 15   | 13   | 9    | 8   | 7    | 11   | 14   | 12   | 17   | 21   |    | 20   | 23   | 24   | 19   | 14   | 11  | 12.4              |       |               |              |       |                |              |                              |                  |       |  |
| 2      | 7   | 7   | 4    | 4    | 6   | 6   | 8   | 11   | 12   | 20   | 11   | 11  | 11   | 6    | 13   | 21   | 19   | 27   |    | 22   | 17   | 13   | 17   | 11   | 7   | 12.1              |       |               |              |       |                |              |                              |                  |       |  |
| 3D     | 5   | 4   | 4    | 6    | 6   | 12  | 12  | 16   | 11   | 11   | 13   | 11  | 3    | 11   | 13   | 16   | 14   | 15   |    | 18   | 19   | 19   | 14   | 13   | 6   | 11.3              |       |               |              |       |                |              |                              |                  |       |  |
| 4      | 7   | 7   | 5    | 4    | 6   | 8   | 10  | 11   | 11   | 10   | 12   | 10  | 9    | 11   | 11   | 14   | 17   | 22   |    | 18   | 19   | 15   | 16   | 12   | 9   | 11.4              |       |               |              |       |                |              |                              |                  |       |  |
| 5      | 4   | 3   | 4    | 3    | 6   | 8   | 9   | 11   | 11   | 11   | 11   | 11  | 7    | 17   | 22   | 17   | 20   | 20   |    | 23   | 25   | 18   | 17   | 13   | 9   | 12.5              |       |               |              |       |                |              |                              |                  |       |  |
| 6      | 5   | 6   | 3    | 2    | 3   | 11  | 9   | 8    | 9    | 11   | 11   | 11  | 8    | 11   | 14   | 15   | 17   | 18   |    | 20   | 20   | 19   | 19   | 14   | 13  | 11.5              |       |               |              |       |                |              |                              |                  |       |  |
| 7D     | 10  | 6   | 4    | 3    | 3   | 3   | 4   | 9    | 13   | 14   | 12   | 12  | 12   | 14   | 15   | 17   | 20   | 21   |    | 22   | 22   | 20   | 19   | 17   | 15  | 12.8              |       |               |              |       |                |              |                              |                  |       |  |
| 8      | 11  | 8   | 4    | 3    | 4   | 6   | 7   | 8    | 10   | 11   | 12   | 13  | 14   | 14   | 12   | 17   | 20   | 17   |    | 21   | 19   | 17   | 15   | 15   | 8   | 11.9              |       |               |              |       |                |              |                              |                  |       |  |
| 9      | 8   | 7   | 5    | 5    | 6   | 7   | 7   | 11   | 9    | 12   | 12   | 10  | 11   | 13   | 13   | 14   | 16   | 18   |    | 20   | 18   | 14   | 17   | 3    | 2   | 10.8              |       |               |              |       |                |              |                              |                  |       |  |
| 10     | 8   | 7   | 7    | 6    | 3   | 7   | 7   | 12   | 11   | 9    | 12   | 9   | 15   | 11   | 14   | 12   | 17   | 14   |    | 19   | 18   | 15   | 12   | 9    | 8   | 10.9              |       |               |              |       |                |              |                              |                  |       |  |
| 11D    | 7   | 5   | 4    | 6    | 7   | 9   | 11  | 12   | 11   | 15   | 10   | 10  | 11   | 11   | 9    | 14   | 17   | 22   |    | 23   | 21   | 19   | 15   | 9    | 7   | 11.9              |       |               |              |       |                |              |                              |                  |       |  |
| 12     | 4   | 4   | 4    | 6    | 8   | 11  | 12  | 13   | 12   | 11   | 11   | 10  | 11   | 11   | 13   | 14   | 16   | 18   |    | 25   | 19   | 16   | 17   | 15   | 7   | 12.0              |       |               |              |       |                |              |                              |                  |       |  |
| 13D    | 4   | 6   | -4   | 1    | 6   | 6   | 9   | 3    | 2    | 2    | -1   | 2   | 6    | 6    | 15   | 23   | 19   | 32   |    | 23   | 19   | 20   | 15   | 15   | 14  | 10.1              |       |               |              |       |                |              |                              |                  |       |  |
| 14D    | 14  | 18  | 10   | 1    | 7   | 15  | 8   | 11   | 8    | 15   | 7    | 8   | 8    | 7    | 1    | 4    | 17   | 26   |    | 23   | 17   | -3   | 12   | 31   | 8   | 11.4              |       |               |              |       |                |              |                              |                  |       |  |
| 15D    | 9   | 2   | 28   | 35   | 11  | -13 | -3  | -8   | 5    | -4   | 2    | -5  | -1   | 33   | 3    | 12   | 11   | 21   |    | 33   | 22   | 7    | -4   | 11   | 10  | 9.0               |       |               |              |       |                |              |                              |                  |       |  |
| 16D    | 10  | 12  | 15   | 22   | 15  | 4   | 7   | 7    | 7    | 1    | 4    | -1  | 3    | 8    | 7    | 9    | 11   | 15   |    | 19   | 18   | 20   | 15   | 9    | 7   | 10.2              |       |               |              |       |                |              |                              |                  |       |  |
| 17     | 4   | 4   | 4    | 4    | 7   | 6   | 17  | 7    | 11   | 9    | 5    | 9   | 9    | 9    | 12   | 15   | 17   | 24   |    | 23   | 23   | 22   | 22   | 14   | 7   | 11.8              |       |               |              |       |                |              |                              |                  |       |  |
| 18     | 11  | 7   | 2    | 1    | 3   | 7   | 15  | 8    | 6    | 10   | 11   | 15  | 12   | 12   | 12   | 17   | 24   | 31   |    | 27   | 20   | 15   | 15   | 11   | 5   | 12.4              |       |               |              |       |                |              |                              |                  |       |  |
| 19     | 4   | 3   | 6    | 7    | 9   | 10  | 11  | 12   | 10   | 10   | 11   | 15  | 12   | 11   | 18   | 19   | 19   | 23   |    | 23   | 21   | 18   | 17   | 14   | 9   | 13.0              |       |               |              |       |                |              |                              |                  |       |  |
| 20     | 7   | 7   | 7    | 6    | 7   | 11  | 15  | 12   | 11   | 9    | 11   | 11  | 13   | 11   | 7    | 14   | 19   | 17   |    | 18   | 23   | 19   | 14   | 10   | 7   | 11.9              |       |               |              |       |                |              |                              |                  |       |  |
| 21     | 3   | 3   | 3    | 3    | 3   | 7   | 7   | 11   | 10   | 10   | 11   | 9   | 8    | 4    | 9    | 14   | 20   | 20   |    | 21   | 18   | 15   | 9    | 7    | 5   | 9.6               |       |               |              |       |                |              |                              |                  |       |  |
| 22     | 6   | 4   | 6    | 7    | 8   | 10  | 11  | 10   | 11   | 17   | 9    | 11  | 5    | 9    | 7    | 15   | 19   | 26   |    | 23   | 23   | 22   | 18   | 14   | 9   | 12.5              |       |               |              |       |                |              |                              |                  |       |  |
| 23     | 8   | 8   | 5    | 5    | 7   | 7   | 11  | 14   | 14   | 11   | 14   | 11  | -1   | 2    | 12   | 15   | 20   | 22   |    | 21   | 19   | 15   | 14   | 11   | 7   | 11.3              |       |               |              |       |                |              |                              |                  |       |  |
| 24     | 7   | 6   | 4    | 6    | 7   | 8   | 10  | 8    | 11   | 11   | 10   | 11  | 11   | -1   | 6    | 23   | 23   | 23   |    | 23   | 20   | 15   | 14   | 14   | 11  | 11.7              |       |               |              |       |                |              |                              |                  |       |  |
| 25     | 9   | 8   | 7    | 7    | 9   | 10  | 11  | 11   | 11   | 11   | 11   | 10  | 11   | 11   | 13   | 15   | 18   | 19   |    | 22   | 19   | 19   | 14   | 8    | 5   | 12.0              |       |               |              |       |                |              |                              |                  |       |  |
| 26D    | 6   | 7   | 9    | 11   | 11  | 10  | 11  | 11   | 11   | 11   | 12   | 11  | 9    | 10   | 11   | 13   | 18   | 21   |    | 22   | 19   | 19   | 15   | 12   | 8   | 12.4              |       |               |              |       |                |              |                              |                  |       |  |
| 27D    | 7   | 6   | 5    | 4    | 7   | 9   | 11  | 11   | 11   | 11   | 11   | 10  | 11   | 9    | 15   | 19   | 20   | 20   |    | 19   | 19   | 17   | 13   | 11   | 7   | 11.8              |       |               |              |       |                |              |                              |                  |       |  |
| 28     | 6   | 4   | 3    | 4    | 6   | 8   | 10  | 11   | 9    | 9    | 6    | 11  | 12   | 14   | 15   | 17   | 16   | 23   |    | 23   | 20   | 19   | 14   | 11   | 4   | 11.5              |       |               |              |       |                |              |                              |                  |       |  |
| 29D    | 5   | 4   | 6    | 7    | 8   | 11  | 12  | 12   | 12   | 11   | 7    | 4   | 12   | 14   | 15   | 15   | 21   | 25   |    | 27   | 23   | 19   | 9    | 11   | 6   | 12.3              |       |               |              |       |                |              |                              |                  |       |  |
| 30     | 1   | 2   | 3    | 3    | 4   | 7   | 9   | 10   | 12   | 13   | 10   | 15  | 19   | 15   | 14   | 12   | 14   | 29   |    | 27   | 25   | 19   | 16   | 11   | 3   | 12.2              |       |               |              |       |                |              |                              |                  |       |  |
| 31     | 3   | 2   | 3    | 4    | 7   | 12  | 6   | 9    | 9    | 9    | 7    | 10  | 18   | 12   | 13   | 12   | 18   | 21   |    | 19   | 20   | 16   | 7    | 6    | 5   | 10.3              |       |               |              |       |                |              |                              |                  |       |  |
| средн. | 6.7 | 5.8 | 5.6  | 6.1  | 6.7 | 7.7 | 9.5 | 10.0 | 10.2 | 10.4 | 9.5  | 9.5 | 9.5  | 10.9 | 11.9 | 15.2 | 17.9 | 21.6 |    | 22.2 | 20.3 | 16.8 | 14.4 | 12.1 | 7.7 | 11.6              |       |               |              |       |                |              |                              |                  |       |  |
| сумма  | 7.0 | 5.6 | 5.6  | 6.2  | 7.2 | 8.4 | 9.8 | 11.0 | 11.6 | 12.4 | 10.4 | 9.4 | 11.0 | 11.6 | 13.0 | 15.6 | 19.2 | 21.8 |    | 22.6 | 20.8 | 18.8 | 14.2 | 12.0 | 8.6 | 12.2              |       |               |              |       |                |              |                              |                  |       |  |
| D      | 8.8 | 9.0 | 10.6 | 12.6 | 9.0 | 3.6 | 5.8 | 4.8  | 6.8  | 6.8  | 4.6  | 3.0 | 5.4  | 12.0 | 7.8  | 13.8 | 15.4 | 24.2 |    | 24.0 | 18.6 | 11.4 | 11.0 | 15.4 | 9.2 | 10.6              |       |               |              |       |                |              |                              |                  |       |  |

ПРИМЕЧАНИЯ

Обработка

Контроль

Станция Уэлен

Арктический и Антарктический научно-исследовательский институт

Год 1969 месяц майэлемент H=14000J<sup>+</sup>

|            | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12   | 13   | 14   | 15   | 16   | 17   | 18   |  | 19   | 20   | 21   | 22  | 23  | 24  | СРЕДНЕ<br>СУТОЧН |  |  |
|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|--|------|------|------|-----|-----|-----|------------------|--|--|
| 1          | 125 | 125 | 136 | 163 | 178 | 163 | 197 | 166 | 170 | 166 | 151 | 147  | 125  | 131  | 131  | 108  | 116  | 124  |  | 112  | 112  | 124  | 120 | 112 | 112 | 136              |  |  |
| 2          | 112 | 131 | 124 | 143 | 177 | 154 | 146 | 162 | 177 | 177 | 162 | 150  | 154  | 86   | 86   | 44   | -17  | 146  |  | 78   | 89   | 105  | 86  | 101 | 120 | 121              |  |  |
| 3D         | 112 | 116 | 131 | 143 | 177 | 200 | 188 | 200 | 177 | 162 | 177 | 131  | 7    | 49   | 7    | -69  | 56   | 94   |  | 128  | 132  | 121  | 109 | 102 | 98  | 114              |  |  |
| 4          | 109 | 121 | 125 | 159 | 151 | 159 | 151 | 155 | 163 | 166 | 163 | 163  | 151  | 147  | 121  | 125  | 125  | 125  |  | 102  | 117  | 132  | 117 | 102 | 102 | 135              |  |  |
| 5          | 94  | 106 | 121 | 144 | 140 | 155 | 163 | 170 | 163 | 159 | 163 | 159  | 94   | 98   | 144  | 140  | 140  | 144  |  | 140  | 125  | 117  | 109 | 117 | 109 | 134              |  |  |
| 6          | 117 | 128 | 140 | 159 | 155 | 203 | 199 | 171 | 143 | 142 | 154 | 154  | 138  | 122  | 141  | 144  | 144  | 133  |  | 117  | 124  | 124  | 118 | 115 | 116 | 142              |  |  |
| 7Q         | 118 | 126 | 131 | 154 | 154 | 159 | 192 | 192 | 199 | 165 | 159 | 159  | 155  | 151  | 147  | 155  | 155  | 163  |  | 159  | 155  | 147  | 140 | 132 | 125 | 154              |  |  |
| 8          | 117 | 117 | 125 | 132 | 132 | 155 | 155 | 147 | 155 | 155 | 163 | 166  | 170  | 170  | 170  | 166  | 174  | 170  |  | 163  | 159  | 151  | 140 | 125 | 121 | 150              |  |  |
| 9          | 117 | 125 | 136 | 147 | 155 | 155 | 147 | 170 | 223 | 189 | 166 | 159  | 155  | 159  | 155  | 151  | 147  | 159  |  | 147  | 140  | 136  | 117 | 109 | 147 | 150              |  |  |
| 10         | 136 | 125 | 147 | 147 | 163 | 174 | 170 | 193 | 204 | 163 | 178 | 147  | 140  | 147  | 151  | 155  | 151  | 140  |  | 140  | 140  | 136  | 125 | 121 | 117 | 150              |  |  |
| 11Q        | 121 | 125 | 125 | 132 | 147 | 147 | 159 | 170 | 166 | 163 | 163 | 163  | 163  | 163  | 163  | 155  | 147  | 147  |  | 155  | 151  | 151  | 132 | 117 | 113 | 147              |  |  |
| 12         | 113 | 117 | 125 | 140 | 147 | 159 | 163 | 163 | 170 | 170 | 170 | 170  | 178  | 178  | 174  | 174  | 170  | 166  |  | 163  | 159  | 178  | 155 | 128 | 132 | 157              |  |  |
| 13D        | 140 | 155 | 140 | 193 | 261 | 246 | 334 | 330 | 307 | 277 | 117 | -12  | -179 | -160 | -103 | -214 | -268 | -286 |  | 56   | 80   | 69   | 103 | 80  | 145 | 75               |  |  |
| 14D        | 148 | 232 | 232 | 145 | 224 | 281 | 209 | 205 | 194 | 183 | 148 | 156  | 145  | 126  | 27   | -87  | 0    | 114  |  | 122  | 15   | -102 | -45 | -45 | -28 | 108              |  |  |
| 15D        | 156 | 164 | 304 | 452 | 380 | 422 | 506 | 513 | 304 | 95  | -80 | -270 | -577 | -532 | -349 | -566 | -650 | -562 |  | -566 | -410 | -327 | -95 | 34  | 53  | -67              |  |  |
| 16D        | 186 | 202 | 285 | 346 | 361 | 373 | 388 | 209 | 179 | 141 | 31  | 4    | 4    | 160  | 148  | 145  | 137  | 126  |  | 126  | 103  | 110  | 122 | 118 | 107 | 171              |  |  |
| 17         | 110 | 129 | 144 | 182 | 227 | 261 | 345 | 208 | 258 | 250 | 212 | 102  | 117  | 102  | 98   | 94   | 79   | 109  |  | 113  | 117  | 113  | 94  | 90  | 94  | 152              |  |  |
| 18         | 132 | 159 | 121 | 125 | 136 | 151 | 311 | 246 | 223 | 250 | 182 | 174  | 163  | 147  | 132  | 117  | 136  | 147  |  | 136  | 140  | 140  | 132 | 109 | 109 | 159              |  |  |
| 19         | 117 | 117 | 125 | 132 | 140 | 147 | 163 | 163 | 159 | 159 | 170 | 170  | 159  | 71   | 22   | 147  | 163  | 151  |  | 151  | 132  | 140  | 128 | 113 | 113 | 136              |  |  |
| 20         | 117 | 125 | 147 | 140 | 151 | 163 | 185 | 170 | 174 | 155 | 166 | 170  | 159  | 163  | 163  | 151  | 170  | 182  |  | 155  | 147  | 128  | 132 | 121 | 113 | 152              |  |  |
| 21         | 128 | 140 | 151 | 159 | 159 | 201 | 193 | 204 | 185 | 178 | 144 | 79   | 49   | 3    | -5   | 140  | 163  | 155  |  | 155  | 155  | 117  | 117 | 113 | 125 | 134              |  |  |
| 22         | 117 | 121 | 144 | 140 | 163 | 151 | 178 | 155 | 163 | 182 | 151 | 71   | -5   | -20  | -92  | 18   | 117  | 155  |  | 163  | 166  | 147  | 140 | 128 | 128 | 116              |  |  |
| 23         | 125 | 125 | 121 | 125 | 136 | 140 | 170 | 166 | 189 | 201 | 178 | 166  | 11   | 33   | 144  | 132  | 132  | 132  |  | 151  | 147  | 147  | 132 | 125 | 121 | 135              |  |  |
| 24         | 128 | 128 | 140 | 155 | 216 | 216 | 177 | 162 | 165 | 162 | 165 | 165  | 166  | 79   | 94   | 117  | 155  | 151  |  | 155  | 136  | 136  | 128 | 125 | 106 | 147              |  |  |
| 25         | 121 | 132 | 128 | 132 | 140 | 151 | 147 | 147 | 159 | 166 | 170 | 166  | 166  | 159  | 155  | 151  | 147  | 128  |  | 125  | 117  | 109  | 98  | 102 | 121 | 139              |  |  |
| 26Q        | 128 | 132 | 132 | 132 | 132 | 147 | 151 | 159 | 166 | 170 | 174 | 166  | 166  | 163  | 163  | 155  | 147  | 147  |  | 136  | 125  | 128  | 125 | 121 | 125 | 145              |  |  |
| 27Q        | 132 | 132 | 136 | 140 | 144 | 147 | 151 | 155 | 170 | 170 | 170 | 170  | 159  | 144  | 151  | 159  | 163  | 155  |  | 147  | 136  | 128  | 121 | 121 | 117 | 147              |  |  |
| 28         | 125 | 125 | 132 | 144 | 147 | 185 | 178 | 208 | 201 | 201 | 201 | 166  | 151  | 147  | 136  | 128  | 102  | 132  |  | 151  | 140  | 125  | 125 | 117 | 121 | 150              |  |  |
| 29Q        | 116 | 116 | 124 | 139 | 146 | 154 | 169 | 162 | 173 | 173 | 165 | 150  | 162  | 154  | 154  | 154  | 143  | 146  |  | 139  | 143  | 124  | 124 | 120 | 120 | 145              |  |  |
| 30         | 131 | 143 | 154 | 162 | 169 | 162 | 154 | 181 | 207 | 184 | 181 | 188  | 159  | 150  | 165  | 139  | 21   | 108  |  | 139  | 127  | 120  | 116 | 116 | 120 | 145              |  |  |
| 31         | 135 | 131 | 143 | 173 | 211 | 260 | 184 | 192 | 211 | 169 | 169 | 177  | 155  | 117  | 117  | 98   | 125  | 144  |  | 151  | 132  | 109  | 101 | 120 | 120 | 152              |  |  |
| Средн      | 125 | 135 | 147 | 164 | 178 | 192 | 202 | 193 | 190 | 176 | 154 | 129  | 95   | 91   | 94   | 85   | 87   | 105  |  | 113  | 111  | 106  | 109 | 107 | 111 | 133              |  |  |
| Средн<br>Q | 123 | 126 | 130 | 139 | 145 | 151 | 164 | 168 | 175 | 168 | 166 | 162  | 161  | 155  | 156  | 156  | 151  | 152  |  | 147  | 142  | 136  | 128 | 122 | 120 | 148              |  |  |
| Средн<br>D | 143 | 177 | 217 | 256 | 281 | 295 | 317 | 284 | 232 | 175 | 76  | 6    | -91  | -64  | -38  | -136 | -160 | -92  |  | -37  | -25  | -29  | 34  | 58  | 79  | 82               |  |  |

Станция Уэлен Арктический и Антарктический научно-исследовательский институт  
 Год 1969 месяц май элемент Z=53400г+...

|            | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  |  | 19  | 20  | 21  | 22  | 23  | 24  | средне<br>суточн |  |  |
|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|-----|-----|-----|-----|-----|-----|------------------|--|--|
| 1          | 174 | 178 | 182 | 186 | 194 | 190 | 178 | 178 | 170 | 178 | 175 | 164 | 148 | 132 | 144 | 132 | 125 | 148 |  | 148 | 137 | 145 | 145 | 149 | 153 | 161              |  |  |
| 2D         | 157 | 157 | 165 | 169 | 184 | 192 | 180 | 172 | 176 | 180 | 180 | 172 | 149 | 70  | 0   | 43  | 19  | 101 |  | 86  | 93  | 109 | 144 | 156 | 175 | 135              |  |  |
| 3          | 171 | 171 | 171 | 168 | 175 | 210 | 210 | 191 | 164 | 191 | 195 | 171 | 70  | 86  | 15  | 15  | 86  | 86  |  | 101 | 125 | 140 | 152 | 156 | 164 | 141              |  |  |
| 4          | 164 | 164 | 160 | 164 | 175 | 170 | 159 | 155 | 163 | 167 | 170 | 163 | 155 | 147 | 124 | 104 | 120 | 127 |  | 120 | 104 | 124 | 135 | 143 | 147 | 147              |  |  |
| 5          | 155 | 170 | 167 | 159 | 162 | 158 | 158 | 166 | 166 | 169 | 162 | 154 | 68  | 41  | 103 | 138 | 139 | 147 |  | 147 | 143 | 135 | 143 | 147 | 151 | 144              |  |  |
| 6          | 163 | 163 | 163 | 169 | 177 | 199 | 205 | 207 | 181 | 171 | 167 | 156 | 152 | 126 | 146 | 158 | 163 | 163 |  | 144 | 125 | 134 | 139 | 141 | 139 | 160              |  |  |
| 7Q         | 153 | 160 | 170 | 176 | 179 | 179 | 184 | 212 | 197 | 172 | 179 | 162 | 162 | 159 | 155 | 155 | 155 | 155 |  | 155 | 155 | 156 | 152 | 148 | 148 | 166              |  |  |
| 8          | 148 | 148 | 156 | 160 | 164 | 171 | 178 | 174 | 163 | 155 | 155 | 151 | 151 | 147 | 131 | 120 | 139 | 151 |  | 147 | 147 | 151 | 151 | 155 | 155 | 153              |  |  |
| 9          | 155 | 155 | 155 | 159 | 174 | 186 | 186 | 178 | 202 | 217 | 186 | 167 | 143 | 139 | 143 | 147 | 151 | 159 |  | 155 | 159 | 151 | 143 | 143 | 139 | 162              |  |  |
| 10         | 147 | 155 | 155 | 170 | 186 | 202 | 205 | 205 | 198 | 182 | 174 | 112 | 96  | 108 | 104 | 127 | 143 | 155 |  | 139 | 147 | 155 | 163 | 159 | 159 | 156              |  |  |
| 11Q        | 155 | 155 | 159 | 159 | 163 | 163 | 167 | 174 | 178 | 178 | 163 | 163 | 159 | 155 | 131 | 139 | 139 | 139 |  | 148 | 148 | 148 | 152 | 152 | 156 | 156              |  |  |
| 12         | 156 | 156 | 163 | 163 | 163 | 163 | 163 | 159 | 155 | 159 | 163 | 163 | 155 | 147 | 151 | 155 | 155 | 155 |  | 151 | 147 | 139 | 143 | 147 | 155 | 155              |  |  |
| 13D        | 163 | 170 | 202 | 209 | 248 | 241 | 225 | 21  | 95  | 177 | 134 | 146 | 37  | 193 | 130 | 169 | 130 | 95  |  | 56  | 68  | 84  | 107 | 130 | 201 | 143              |  |  |
| 14D        | 232 | 259 | 240 | 228 | 208 | 232 | 228 | 212 | 216 | 193 | 138 | 166 | 162 | 154 | 84  | 10  | 37  | 111 |  | 138 | 138 | 13  | 41  | 76  | 130 | 152              |  |  |
| 15D        | 204 | 173 | 193 | 208 | 244 | 181 | 64  | 84  | 6   | 107 | 158 | 224 | 271 | 212 | 431 | 458 | 337 | 130 |  | 126 | -45 | -18 | 111 | 150 | 189 | 175              |  |  |
| 16D        | 212 | 232 | 244 | 240 | 251 | 204 | 158 | 91  | 193 | 173 | 76  | 142 | 115 | 154 | 158 | 169 | 173 | 177 |  | 181 | 162 | 146 | 162 | 166 | 173 | 173              |  |  |
| 17         | 177 | 189 | 201 | 228 | 263 | 275 | 232 | 197 | 232 | 232 | 212 | 202 | 159 | 131 | 143 | 147 | 135 | 159 |  | 159 | 155 | 151 | 147 | 155 | 151 | 185              |  |  |
| 18         | 170 | 225 | 213 | 198 | 198 | 202 | 245 | 237 | 225 | 213 | 194 | 202 | 190 | 178 | 167 | 151 | 151 | 151 |  | 139 | 135 | 151 | 151 | 155 | 159 | 183              |  |  |
| 19         | 167 | 167 | 167 | 170 | 170 | 170 | 174 | 174 | 174 | 163 | 163 | 170 | 131 | 85  | 34  | 116 | 147 | 159 |  | 167 | 167 | 155 | 159 | 167 | 167 | 153              |  |  |
| 20         | 170 | 174 | 186 | 182 | 174 | 182 | 202 | 182 | 182 | 174 | 170 | 163 | 155 | 155 | 151 | 147 | 143 | 167 |  | 159 | 139 | 139 | 139 | 147 | 155 | 164              |  |  |
| 21         | 163 | 167 | 178 | 190 | 205 | 217 | 245 | 245 | 233 | 182 | 108 | 57  | 73  | 92  | -1  | 85  | 147 | 170 |  | 170 | 159 | 151 | 151 | 151 | 163 | 154              |  |  |
| 22         | 170 | 167 | 170 | 182 | 186 | 174 | 170 | 174 | 170 | 178 | 151 | 85  | 96  | 69  | 46  | 61  | 116 | 140 |  | 164 | 156 | 156 | 156 | 156 | 160 | 144              |  |  |
| 23         | 156 | 156 | 156 | 164 | 171 | 171 | 175 | 195 | 206 | 203 | 171 | 144 | 82  | 74  | 93  | 132 | 144 | 152 |  | 160 | 164 | 164 | 164 | 164 | 164 | 155              |  |  |
| 24         | 164 | 164 | 164 | 160 | 171 | 210 | 218 | 206 | 179 | 171 | 160 | 152 | 148 | 62  | 43  | 66  | 109 | 152 |  | 160 | 156 | 148 | 156 | 156 | 171 | 152              |  |  |
| 25         | 179 | 199 | 187 | 179 | 179 | 171 | 171 | 170 | 163 | 163 | 167 | 159 | 159 | 159 | 155 | 159 | 163 | 159 |  | 147 | 139 | 135 | 147 | 147 | 151 | 163              |  |  |
| 26Q        | 151 | 155 | 159 | 163 | 167 | 163 | 167 | 163 | 163 | 163 | 170 | 163 | 159 | 159 | 155 | 159 | 155 | 155 |  | 159 | 143 | 139 | 151 | 155 | 151 | 158              |  |  |
| 27Q        | 151 | 147 | 147 | 147 | 147 | 147 | 151 | 155 | 155 | 159 | 155 | 159 | 155 | 131 | 124 | 147 | 151 | 155 |  | 155 | 151 | 155 | 155 | 151 | 143 | 150              |  |  |
| 28         | 143 | 143 | 147 | 148 | 152 | 164 | 171 | 195 | 218 | 218 | 210 | 191 | 175 | 164 | 152 | 140 | 93  | 121 |  | 132 | 140 | 148 | 148 | 148 | 148 | 159              |  |  |
| 29Q        | 152 | 148 | 148 | 152 | 148 | 152 | 160 | 160 | 156 | 160 | 156 | 125 | 140 | 144 | 140 | 132 | 121 | 128 |  | 136 | 128 | 128 | 132 | 132 | 144 | 143              |  |  |
| 30         | 148 | 148 | 148 | 148 | 156 | 171 | 171 | 171 | 183 | 191 | 175 | 164 | 136 | 132 | 140 | 128 | 27  | 70  |  | 121 | 136 | 136 | 140 | 144 | 144 | 143              |  |  |
| 31         | 148 | 152 | 152 | 156 | 191 | 238 | 206 | 199 | 234 | 206 | 171 | 156 | 125 | 86  | 97  | 93  | 125 | 140 |  | 148 | 148 | 140 | 125 | 121 | 132 | 154              |  |  |
| Средн      | 165 | 170 | 173 | 176 | 185 | 189 | 184 | 174 | 177 | 179 | 165 | 157 | 138 | 129 | 122 | 132 | 133 | 141 |  | 143 | 134 | 133 | 142 | 147 | 156 | 156              |  |  |
| Средн<br>Q | 152 | 153 | 157 | 159 | 161 | 161 | 166 | 173 | 170 | 166 | 165 | 154 | 155 | 150 | 141 | 146 | 144 | 146 |  | 151 | 145 | 145 | 148 | 148 | 148 | 154              |  |  |
| Средн<br>D | 194 | 198 | 209 | 211 | 227 | 210 | 171 | 116 | 137 | 166 | 137 | 170 | 147 | 157 | 161 | 170 | 139 | 123 |  | 117 | 83  | 67  | 113 | 136 | 174 | 156              |  |  |

Станция Уэлен  
 Год 1969 месяц июнь

Арктический и Антарктический научно-исследовательский институт

М 34

Элемент D=14°30'0+...

о = — Е = —

| число | 1   | 2   | 3   | 4   | 5   | 6   | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 18   | 18 | 19   | 20   | 21   | 22   | 23   | 24  | Средне-<br>суточн. | Время | Макси-<br>мум | Мини-<br>мум | Время | Ампли-<br>туда | Хар.<br>0,12 | Числен-<br>ная ха-<br>рактер. | Особ.<br>явления | Сумма |
|-------|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|----|------|------|------|------|------|-----|--------------------|-------|---------------|--------------|-------|----------------|--------------|-------------------------------|------------------|-------|
| 1     | 3   | 3   | 3   | 6   | 7   | 7   | 11   | 11   | 11   | 11   | 11   | 10   | 8    | 11   | 12   | 15   | 19   | 21   |    | 19   | 19   | 15   | 11   | 9    | 6   | 10.8               |       |               |              |       |                |              |                               |                  |       |
| 2     | 4   | 6   | 5   | 4   | 5   | 7   | 8    | 15   | 10   | 10   | 11   | 10   | 12   | 11   | 13   | 15   | 20   | 22   |    | 19   | 22   | 20   | 18   | 15   | 10  | 12.2               |       |               |              |       |                |              |                               |                  |       |
| 3     | 7   | 3   | 3   | 4   | 5   | 7   | 10   | 11   | 11   | 13   | 11   | 11   | 11   | 11   | 11   | 15   | 23   | 22   |    | 22   | 20   | 20   | 15   | 11   | 0   | 11.5               |       |               |              |       |                |              |                               |                  |       |
| 4     | -1  | 1   | 2   | 2   | 1   | 4   | 7    | 11   | 11   | 8    | 7    | 6    | 8    | 9    | 15   | 18   | 19   | 26   |    | 27   | 27   | 18   | 11   | 9    | 6   | 10.5               |       |               |              |       |                |              |                               |                  |       |
| 5     | 6   | 3   | 3   | 6   | 6   | 7   | 10   | 9    | 10   | 10   | 10   | 12   | 10   | 10   | 11   | 12   | 19   | 24   |    | 25   | 21   | 19   | 14   | 10   | 7   | 11.4               |       |               |              |       |                |              |                               |                  |       |
| 6     | 6   | 6   | 7   | 6   | 7   | 9   | 11   | 11   | 11   | 11   | 11   | 10   | 9    | 11   | 14   | 19   | 23   | 25   |    | 23   | 24   | 23   | 15   | 10   | 7   | 12.9               |       |               |              |       |                |              |                               |                  |       |
| 7     | 4   | 2   | 1   | 2   | 3   | 6   | 6    | 10   | 11   | 11   | 11   | 7    | 3    | 15   | 12   | 15   | 23   | 27   |    | 26   | 20   | 17   | 15   | 11   | 9   | 11.1               |       |               |              |       |                |              |                               |                  |       |
| 8     | 3   | 3   | 3   | 3   | 6   | 6   | 5    | 7    | 7    | 8    | 9    | 5    | 8    | 9    | 9    | 15   | 19   | 23   |    | 29   | 29   | 27   | 20   | 10   | 7   | 11.2               |       |               |              |       |                |              |                               |                  |       |
| 9     | 6   | 4   | 5   | 5   | 8   | 8   | 9    | 11   | 11   | 10   | 9    | 7    | 10   | 10   | 15   | 13   | 19   | 29   |    | 31   | 19   | 15   | 3    | 4    | 3   | 11.0               |       |               |              |       |                |              |                               |                  |       |
| 10    | 1   | 1   | 1   | 2   | 6   | 6   | 8    | 10   | 12   | 10   | 7    | 7    | 9    | 11   | 11   | 16   | 17   | 19   |    | 23   | 22   | 20   | 14   | 10   | 7   | 10.4               |       |               |              |       |                |              |                               |                  |       |
| 11    | 3   | 3   | 1   | 4   | 7   | 11  | 14   | 12   | 14   | 12   | 9    | 9    | 9    | 11   | 15   | 19   | 21   | 24   |    | 23   | 21   | 20   | 17   | 19   | 6   | 12.7               |       |               |              |       |                |              |                               |                  |       |
| 12    | 7   | 7   | 5   | 7   | 6   | 7   | 3    | 4    | 8    | 6    | 8    | 5    | 8    | 9    | 7    | 14   | 13   | 19   |    | 19   | 18   | 19   | 15   | 9    | 7   | 9.6                |       |               |              |       |                |              |                               |                  |       |
| 13    | 7   | 6   | 4   | 3   | 14  | 9   | 5    | 7    | 8    | 7    | 7    | 6    | 0    | 6    | 10   | 20   | 19   | 28   |    | 33   | 30   | 25   | 14   | 2    | 7   | 11.5               |       |               |              |       |                |              |                               |                  |       |
| 14    | 1   | 1   | 1   | 3   | 4   | 4   | 1    | 1    | 19   | 7    | 7    | 7    | -8   | 9    | 11   | 19   | 23   | 22   |    | 23   | 20   | 17   | 14   | 12   | 3   | 9.2                |       |               |              |       |                |              |                               |                  |       |
| 15    | 3   | 3   | 2   | 3   | 5   | 7   | 9    | 11   | 11   | 11   | 9    | -6   | 14   | 7    | 12   | 16   | 18   | 19   |    | 22   | 19   | 17   | 15   | 10   | 7   | 10.2               |       |               |              |       |                |              |                               |                  |       |
| 16    | 5   | 8   | 3   | 4   | 7   | 11  | 10   | 11   | 11   | 13   | 8    | 5    | 5    | 4    | 3    | 4    | 18   | 27   |    | 31   | 27   | 20   | 15   | 11   | 5   | 11.1               |       |               |              |       |                |              |                               |                  |       |
| 17    | 5   | 7   | 9   | 7   | 2   | 6   | 11   | 17   | 8    | 8    | 12   | 7    | 4    | 7    | 11   | 12   | 19   | 20   |    | 15   | 25   | 23   | 15   | 12   | 10  | 11.3               |       |               |              |       |                |              |                               |                  |       |
| 18    | 7   | 8   | 7   | 7   | 7   | 8   | 11   | 13   | 11   | 13   | 12   | 12   | 11   | 11   | 11   | 14   | 15   | 23   |    | 27   | 24   | 20   | 17   | 13   | 10  | 13.1               |       |               |              |       |                |              |                               |                  |       |
| 19    | 7   | 7   | 7   | 7   | 7   | 8   | 9    | 11   | 14   | 15   | 8    | 11   | 10   | 11   | 12   | 12   | 19   | 21   |    | 21   | 21   | 20   | 21   | 15   | 10  | 12.7               |       |               |              |       |                |              |                               |                  |       |
| 20    | 10  | 7   | 3   | 4   | 7   | 14  | 9    | 7    | 15   | 9    | 9    | 7    | -1   | 7    | 12   | 15   | 20   | 23   |    | 25   | 24   | 21   | 15   | 14   | 9   | 11.9               |       |               |              |       |                |              |                               |                  |       |
| 21    | 7   | 3   | 5   | 7   | 10  | 12  | 14   | 12   | 9    | 9    | 11   | 11   | 7    | 9    | 12   | 19   | 20   | 23   |    | 19   | 19   | 16   | 14   | 11   | 9   | 12.0               |       |               |              |       |                |              |                               |                  |       |
| 22    | 6   | 6   | 6   | 7   | 9   | 10  | 11   | 11   | 11   | 11   | 11   | 9    | 10   | 12   | 14   | 18   | 21   | 20   |    | 22   | 19   | 17   | 16   | 12   | 11  | 12.5               |       |               |              |       |                |              |                               |                  |       |
| 23    | 7   | 6   | 6   | 7   | 7   | -   | 8    | 10   | 11   | 13   | 10   | 11   | 11   | 11   | 15   | 18   | 18   | 22   |    | 23   | 20   | 19   | 14   | 6    | 5   | 12.1               |       |               |              |       |                |              |                               |                  |       |
| 24    | 3   | 3   | 6   | 7   | 6   | 7   | 11   | 8    | 9    | 7    | 7    | 9    | 9    | 7    | 12   | 19   | 22   | 28   |    | 28   | 21   | 18   | 17   | 9    | 6   | 11.6               |       |               |              |       |                |              |                               |                  |       |
| 25    | 7   | 7   | 4   | 5   | 6   | 7   | 11   | 10   | 9    | 11   | 9    | 8    | 10   | 15   | 19   | 19   | 11   | 21   |    | 30   | 25   | 23   | 17   | 11   | 6   | 12.5               |       |               |              |       |                |              |                               |                  |       |
| 26    | 7   | 3   | 3   | 3   | 6   | 7   | 9    | 11   | 11   | 10   | 11   | 19   | 7    | 14   | 19   | 24   | 26   | 25   |    | 23   | 22   | 20   | 18   | 15   | 11  | 13.5               |       |               |              |       |                |              |                               |                  |       |
| 27    | 7   | 7   | 7   | 7   | 6   | 7   | 10   | 11   | 12   | 12   | 12   | 10   | 10   | 13   | 12   | 11   | 17   | 23   |    | 24   | 23   | 21   | 16   | 8    | 3   | 12.0               |       |               |              |       |                |              |                               |                  |       |
| 28    | 3   | 3   | 2   | 6   | 8   | 11  | 12   | 12   | 12   | 12   | 12   | 11   | 10   | 11   | 12   | 15   | 19   | 21   |    | 23   | 23   | 20   | 18   | 10   | 7   | 12.2               |       |               |              |       |                |              |                               |                  |       |
| 29    | 6   | 4   | 3   | 3   | 6   | 10  | 11   | 12   | 12   | 11   | 10   | 8    | 11   | 13   | 15   | 19   | 22   | 23   |    | 27   | 27   | 23   | 17   | 10   | 7   | 12.9               |       |               |              |       |                |              |                               |                  |       |
| 30    | 3   | 2   | 3   | 5   | 7   | 8   | 11   | 13   | 13   | 11   | 11   | 11   | 11   | 12   | 12   | 17   | 22   | 27   |    | 27   | 25   | 23   | 18   | 14   | 10  | 13.2               |       |               |              |       |                |              |                               |                  |       |
| 31    |     |     |     |     |     |     |      |      |      |      |      |      |      |      |      |      |      |      |    |      |      |      |      |      |     |                    |       |               |              |       |                |              |                               |                  |       |
| срзн. | 5.0 | 4.4 | 4.0 | 4.9 | 6.4 | 8.0 | 9.2  | 10.3 | 11.2 | 10.3 | 9.7  | 8.5  | 7.9  | 10.2 | 12.3 | 15.9 | 19.5 | 23.2 |    | 24.3 | 22.5 | 19.9 | 15.3 | 10.7 | 7.0 | 11.7               |       |               |              |       |                |              |                               |                  |       |
| сумма | 5.6 | 5.4 | 5.0 | 5.8 | 7.4 | 9.6 | 11.2 | 11.8 | 11.8 | 11.6 | 11.2 | 10.0 | 10.2 | 11.6 | 13.2 | 17.0 | 20.0 | 22.4 |    | 24.4 | 23.4 | 20.6 | 16.6 | 11.0 | 8.4 | 12.7               |       |               |              |       |                |              |                               |                  |       |
| D     | 5.0 | 5.8 | 4.4 | 4.8 | 6.6 | 7.4 | 6.0  | 8.0  | 10.8 | 8.2  | 8.4  | 6.0  | 1.8  | 7.0  | 8.4  | 13.8 | 18.4 | 23.2 |    | 24.2 | 24.0 | 20.8 | 14.6 | 9.2  | 6.4 | 10.6               |       |               |              |       |                |              |                               |                  |       |

ПРИМЕЧАНИЯ:

Обработка

Контроль

Станция Уэлен Арктический и Антарктический научно-исследовательский институтГод 1969 месяц июнь элемент H=14000г<sup>+</sup>

|            | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  |  | 19  | 20  | 21  | 22  | 23  | 24  | СРЕДНЕ<br>СУТОЧН |  |  |
|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|-----|-----|-----|-----|-----|-----|------------------|--|--|
| 1          | 125 | 136 | 156 | 190 | 171 | 175 | 152 | 160 | 175 | 171 | 171 | 171 | 149 | 160 | 152 | 152 | 145 | 137 |  | 114 | 118 | 126 | 133 | 130 | 130 | 150              |  |  |
| 2          | 133 | 133 | 145 | 175 | 187 | 168 | 190 | 202 | 179 | 168 | 168 | 183 | 160 | 152 | 152 | 145 | 137 | 137 |  | 118 | 130 | 126 | 137 | 126 | 130 | 153              |  |  |
| 3          | 126 | 130 | 141 | 133 | 160 | 156 | 175 | 164 | 164 | 175 | 183 | 175 | 175 | 171 | 164 | 152 | 137 | 130 |  | 137 | 137 | 130 | 126 | 114 | 114 | 149              |  |  |
| 4          | 130 | 137 | 149 | 170 | 152 | 160 | 183 | 202 | 194 | 183 | 190 | 190 | 168 | 145 | 152 | 152 | 145 | 149 |  | 149 | 137 | 133 | 137 | 130 | 130 | 157              |  |  |
| 5          | 137 | 149 | 160 | 141 | 149 | 164 | 160 | 156 | 179 | 198 | 206 | 187 | 175 | 168 | 156 | 145 | 141 | 137 |  | 145 | 145 | 133 | 126 | 114 | 107 | 153              |  |  |
| 6Q         | 107 | 118 | 130 | 141 | 152 | 164 | 168 | 171 | 179 | 183 | 187 | 187 | 179 | 171 | 168 | 156 | 145 | 152 |  | 145 | 137 | 126 | 111 | 114 | 122 | 151              |  |  |
| 7          | 130 | 126 | 130 | 149 | 171 | 190 | 183 | 160 | 175 | 198 | 228 | 225 | 76  | 160 | 160 | 122 | 126 | 156 |  | 183 | 183 | 164 | 141 | 130 | 122 | 158              |  |  |
| 8          | 111 | 130 | 145 | 141 | 149 | 213 | 221 | 190 | 202 | 228 | 221 | 221 | 198 | 190 | 194 | 187 | 141 | 99  |  | 149 | 130 | 145 | 137 | 130 | 122 | 166              |  |  |
| 9          | 133 | 130 | 137 | 171 | 171 | 179 | 175 | 171 | 175 | 183 | 190 | 190 | 175 | 152 | 130 | 103 | 31  | -38 |  | -34 | 19  | 65  | 84  | 84  | 111 | 120              |  |  |
| 10         | 126 | 137 | 156 | 160 | 156 | 213 | 213 | 251 | 259 | 206 | 187 | 171 | 160 | 141 | 150 | 145 | 130 | 88  |  | 103 | 130 | 133 | 130 | 122 | 114 | 158              |  |  |
| 11         | 126 | 133 | 137 | 137 | 152 | 183 | 164 | 206 | 244 | 190 | 168 | 164 | 164 | 164 | 160 | 160 | 171 | 168 |  | 160 | 152 | 149 | 141 | 107 | 111 | 159              |  |  |
| 12D        | 122 | 133 | 183 | 244 | 304 | 434 | 358 | 304 | 365 | 225 | 179 | 99  | 133 | 156 | 122 | 121 | 60  | 113 |  | 75  | 91  | 125 | 125 | 129 | 125 | 180              |  |  |
| 13D        | 129 | 136 | 159 | 212 | 379 | 300 | 178 | 167 | 159 | 159 | 174 | 167 | 155 | 113 | 94  | 83  | 83  | 68  |  | 79  | 83  | 87  | 68  | 41  | 94  | 140              |  |  |
| 14D        | 106 | 132 | 136 | 136 | 208 | 243 | 319 | 467 | 277 | 182 | 178 | 174 | 91  | 91  | 113 | 132 | 170 | 170 |  | 174 | 174 | 155 | 125 | 83  | 132 | 174              |  |  |
| 15         | 136 | 140 | 151 | 155 | 144 | 151 | 159 | 170 | 182 | 174 | 201 | 56  | 159 | 182 | 167 | 186 | 182 | 140 |  | 110 | 106 | 140 | 151 | 136 | 136 | 151              |  |  |
| 16D        | 136 | 144 | 136 | 155 | 167 | 201 | 208 | 227 | 303 | 254 | 197 | 208 | 189 | 132 | -8  | 7   | 155 | 132 |  | 159 | 159 | 174 | 140 | 129 | 136 | 160              |  |  |
| 17D        | 121 | 151 | 197 | 197 | 148 | 148 | 254 | 220 | 170 | 189 | 201 | 189 | 174 | 170 | 163 | 159 | 136 | 113 |  | 49  | 79  | 132 | 117 | 121 | 129 | 155              |  |  |
| 18Q        | 129 | 136 | 144 | 148 | 148 | 155 | 151 | 151 | 155 | 163 | 167 | 170 | 167 | 170 | 174 | 170 | 140 | 125 |  | 148 | 151 | 148 | 136 | 125 | 113 | 149              |  |  |
| 19         | 117 | 132 | 140 | 163 | 163 | 167 | 174 | 189 | 174 | 189 | 163 | 170 | 170 | 170 | 174 | 167 | 182 | 182 |  | 174 | 167 | 159 | 151 | 132 | 144 | 163              |  |  |
| 20         | 144 | 136 | 155 | 167 | 197 | 250 | 189 | 193 | 227 | 189 | 189 | 178 | 102 | 167 | 182 | 182 | 182 | 174 |  | 174 | 159 | 144 | 129 | 129 | 125 | 169              |  |  |
| 21         | 136 | 144 | 148 | 155 | 167 | 182 | 177 | 166 | 166 | 181 | 173 | 166 | 166 | 136 | 154 | 166 | 166 | 169 |  | 162 | 158 | 135 | 135 | 128 | 124 | 157              |  |  |
| 22Q        | 128 | 135 | 150 | 168 | 162 | 158 | 162 | 158 | 162 | 169 | 173 | 169 | 166 | 166 | 173 | 169 | 158 | 150 |  | 154 | 154 | 150 | 143 | 135 | 135 | 156              |  |  |
| 23         | 131 | 131 | 135 | 139 | 154 | -   | 158 | 169 | 173 | 181 | 181 | 173 | 166 | 158 | 158 | 135 | 124 | 131 |  | 143 | 147 | 135 | 128 | 101 | 90  | 145              |  |  |
| 24         | 101 | 112 | 154 | 181 | 181 | 204 | 249 | 238 | 204 | 169 | 173 | 173 | 154 | 131 | 101 | 124 | 116 | 101 |  | 128 | 150 | 145 | 128 | 120 | 128 | 153              |  |  |
| 25         | 131 | 143 | 150 | 150 | 158 | 192 | 185 | 169 | 181 | 173 | 173 | 166 | 162 | 120 | 143 | 150 | 93  | 78  |  | 97  | 120 | 112 | 116 | 112 | 109 | 141              |  |  |
| 26         | 124 | 112 | 128 | 158 | 169 | 188 | 181 | 166 | 173 | 185 | 173 | 177 | 158 | 143 | 82  | 82  | 128 | 154 |  | 154 | 147 | 135 | 128 | 128 | 124 | 146              |  |  |
| 27         | 128 | 135 | 154 | 158 | 154 | 173 | 181 | 177 | 166 | 173 | 181 | 169 | 158 | 158 | 158 | 147 | 150 | 154 |  | 158 | 147 | 128 | 116 | 105 | 124 | 152              |  |  |
| 28Q        | 135 | 135 | 135 | 147 | 162 | 158 | 166 | 162 | 173 | 173 | 181 | 177 | 173 | 169 | 166 | 158 | 154 | 147 |  | 154 | 162 | 150 | 135 | 135 | 128 | 156              |  |  |
| 29Q        | 135 | 139 | 145 | 173 | 158 | 166 | 173 | 169 | 173 | 177 | 177 | 181 | 166 | 166 | 166 | 166 | 166 | 147 |  | 139 | 131 | 128 | 128 | 128 | 124 | 155              |  |  |
| 30         | 131 | 143 | 154 | 162 | 154 | 166 | 177 | 182 | 174 | 178 | 178 | 182 | 177 | 181 | 173 | 166 | 166 | 158 |  | 162 | 143 | 131 | 120 | 112 | 131 | 158              |  |  |
| 31         |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |  |     |     |     |     |     |     |                  |  |  |
| Средн      | 127 | 134 | 148 | 162 | 175 | 193 | 193 | 196 | 196 | 186 | 184 | 174 | 159 | 155 | 146 | 143 | 139 | 131 |  | 132 | 135 | 135 | 127 | 118 | 122 | 155              |  |  |
| Средн<br>Q | 127 | 133 | 140 | 155 | 156 | 160 | 164 | 162 | 168 | 173 | 177 | 177 | 170 | 168 | 169 | 164 | 153 | 146 |  | 148 | 147 | 140 | 131 | 127 | 124 | 153              |  |  |
| Средн<br>D | 123 | 139 | 162 | 188 | 241 | 265 | 263 | 277 | 255 | 202 | 186 | 167 | 148 | 132 | 97  | 100 | 121 | 119 |  | 107 | 117 | 135 | 115 | 101 | 123 | 162              |  |  |

Станция Уэлен

Арктический и Антарктический научно-исследовательский институт

Год 1969 месяц июньэлемент  $Z=53400\text{J}+\dots$ 

|            | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  |  | 19  | 20  | 21  | 22  | 23  | 24  | средне<br>суточн |  |  |
|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|-----|-----|-----|-----|-----|-----|------------------|--|--|
| 1          | 130 | 142 | 153 | 185 | 181 | 177 | 177 | 161 | 153 | 157 | 161 | 150 | 118 | 110 | 126 | 138 | 142 | 142 |  | 130 | 114 | 110 | 122 | 137 | 141 | 144              |  |  |
| 2          | 137 | 145 | 145 | 156 | 176 | 184 | 187 | 195 | 172 | 160 | 152 | 156 | 152 | 141 | 145 | 145 | 137 | 137 |  | 117 | 113 | 129 | 125 | 134 | 146 | 149              |  |  |
| 3          | 153 | 157 | 161 | 157 | 153 | 161 | 161 | 157 | 157 | 153 | 153 | 153 | 153 | 146 | 142 | 130 | 118 | 126 |  | 126 | 126 | 126 | 126 | 130 | 138 | 144              |  |  |
| 4          | 134 | 142 | 150 | 161 | 169 | 165 | 169 | 184 | 187 | 172 | 156 | 160 | 145 | 106 | 113 | 129 | 137 | 137 |  | 145 | 141 | 129 | 129 | 141 | 145 | 148              |  |  |
| 5          | 141 | 149 | 160 | 168 | 160 | 164 | 164 | 160 | 152 | 156 | 160 | 160 | 149 | 145 | 141 | 109 | 121 | 129 |  | 133 | 137 | 133 | 137 | 137 | 137 | 146              |  |  |
| 6Q         | 141 | 145 | 149 | 156 | 164 | 168 | 168 | 164 | 160 | 156 | 152 | 152 | 149 | 145 | 141 | 132 | 132 | 128 |  | 128 | 128 | 120 | 124 | 120 | 124 | 144              |  |  |
| 7          | 124 | 128 | 136 | 144 | 159 | 175 | 183 | 175 | 159 | 159 | 175 | 167 | 3   | 93  | 128 | 93  | 97  | 120 |  | 148 | 159 | 155 | 155 | 155 | 155 | 139              |  |  |
| 8          | 155 | 159 | 171 | 175 | 171 | 171 | 198 | 203 | 191 | 199 | 203 | 184 | 164 | 149 | 145 | 145 | 129 | 86  |  | 102 | 125 | 102 | 113 | 129 | 137 | 154              |  |  |
| 9          | 129 | 133 | 141 | 156 | 180 | 176 | 156 | 150 | 153 | 150 | 153 | 157 | 122 | 107 | 91  | 64  | -14 | -69 |  | -38 | 25  | 60  | 83  | 122 | 153 | 106              |  |  |
| 10         | 157 | 161 | 185 | 177 | 165 | 169 | 204 | 200 | 208 | 181 | 153 | 142 | 110 | 79  | 114 | 130 | 134 | 114 |  | 103 | 126 | 134 | 138 | 142 | 142 | 149              |  |  |
| 11         | 146 | 150 | 153 | 150 | 146 | 169 | 169 | 169 | 192 | 188 | 169 | 157 | 153 | 146 | 150 | 146 | 150 | 150 |  | 150 | 142 | 134 | 130 | 134 | 146 | 154              |  |  |
| 12D        | 142 | 153 | 161 | 212 | 266 | 247 | 231 | 239 | 204 | 169 | 169 | 83  | 99  | 142 | 130 | 126 | 99  | 110 |  | 107 | 72  | 99  | 114 | 126 | 138 | 152              |  |  |
| 13D        | 146 | 150 | 161 | 177 | 239 | 224 | 216 | 192 | 173 | 161 | 157 | 153 | 103 | 68  | 56  | 56  | 60  | 45  |  | 45  | 92  | 111 | 119 | 119 | 127 | 131              |  |  |
| 14D        | 147 | 151 | 158 | 170 | 174 | 178 | 201 | 189 | 193 | 174 | 162 | 154 | 123 | 73  | 88  | 135 | 151 | 147 |  | 154 | 162 | 151 | 139 | 143 | 151 | 153              |  |  |
| 15         | 143 | 143 | 154 | 154 | 158 | 158 | 154 | 154 | 170 | 166 | 158 | 76  | 73  | 104 | 88  | 151 | 170 | 151 |  | 123 | 88  | 96  | 123 | 135 | 139 | 135              |  |  |
| 16D        | 147 | 154 | 174 | 178 | 182 | 201 | 229 | 205 | 201 | 209 | 193 | 174 | 166 | 119 | 92  | 115 | 135 | 113 |  | 131 | 139 | 135 | 143 | 147 | 151 | 160              |  |  |
| 17D        | 162 | 174 | 217 | 217 | 174 | 162 | 182 | 236 | 193 | 170 | 178 | 162 | 151 | 154 | 154 | 154 | 147 | 143 |  | 92  | 73  | 123 | 139 | 147 | 154 | 161              |  |  |
| 18D        | 162 | 162 | 162 | 154 | 154 | 151 | 151 | 151 | 151 | 151 | 147 | 147 | 147 | 147 | 147 | 147 | 131 | 119 |  | 124 | 136 | 144 | 148 | 152 | 152 | 147              |  |  |
| 19         | 152 | 148 | 144 | 148 | 148 | 148 | 148 | 155 | 163 | 175 | 163 | 152 | 148 | 148 | 144 | 132 | 140 | 152 |  | 155 | 148 | 144 | 144 | 148 | 155 | 150              |  |  |
| 20         | 148 | 159 | 163 | 163 | 171 | 214 | 226 | 187 | 214 | 163 | 167 | 155 | 78  | 125 | 149 | 156 | 160 | 160 |  | 149 | 149 | 156 | 153 | 149 | 153 | 161              |  |  |
| 21         | 153 | 153 | 153 | 153 | 153 | 160 | 176 | 180 | 164 | 156 | 156 | 153 | 141 | 94  | 94  | 141 | 149 | 149 |  | 153 | 149 | 153 | 153 | 156 | 156 | 150              |  |  |
| 22Q        | 153 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 153 | 149 | 149 | 149 | 145 | 149 | 149 |  | 149 | 149 | 145 | 149 | 145 | 141 | 148              |  |  |
| 23         | 141 | 133 | 133 | 133 | 137 | —   | 145 | 141 | 145 | 145 | 145 | 149 | 145 | 141 | 141 | 129 | 110 | 98  |  | 113 | 121 | 117 | 117 | 125 | 125 | 132              |  |  |
| 24         | 133 | 145 | 156 | 188 | 180 | 180 | 211 | 215 | 227 | 188 | 164 | 156 | 126 | 95  | 79  | 72  | 91  | 52  |  | 64  | 87  | 111 | 126 | 134 | 130 | 138              |  |  |
| 25         | 134 | 142 | 150 | 154 | 146 | 154 | 169 | 161 | 157 | 165 | 154 | 150 | 138 | 60  | 83  | 111 | 76  | 25  |  | 29  | 72  | 99  | 111 | 118 | 134 | 120              |  |  |
| 26         | 142 | 157 | 150 | 146 | 154 | 161 | 161 | 154 | 150 | 150 | 157 | 150 | 111 | 91  | 40  | 25  | 72  | 122 |  | 142 | 146 | 138 | 134 | 134 | 134 | 130              |  |  |
| 27         | 134 | 138 | 146 | 157 | 157 | 150 | 150 | 157 | 154 | 150 | 154 | 154 | 130 | 134 | 142 | 126 | 106 | 129 |  | 133 | 133 | 133 | 133 | 133 | 133 | 140              |  |  |
| 28Q        | 137 | 141 | 141 | 137 | 137 | 141 | 145 | 149 | 149 | 149 | 149 | 145 | 145 | 141 | 137 | 129 | 129 | 133 |  | 129 | 125 | 129 | 133 | 133 | 133 | 138              |  |  |
| 29Q        | 137 | 145 | 145 | 145 | 149 | 145 | 145 | 145 | 149 | 149 | 153 | 149 | 149 | 145 | 141 | 141 | 137 | 141 |  | 133 | 129 | 129 | 129 | 133 | 137 | 142              |  |  |
| 30         | 141 | 145 | 149 | 145 | 149 | 149 | 149 | 160 | 164 | 156 | 149 | 145 | 145 | 145 | 145 | 137 | 129 | 125 |  | 125 | 129 | 125 | 121 | 121 | 125 | 141              |  |  |
| 31         |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |  |     |     |     |     |     |     |                  |  |  |
| Средн      | 143 | 148 | 156 | 162 | 167 | 171 | 176 | 175 | 172 | 164 | 160 | 150 | 130 | 121 | 121 | 123 | 121 | 115 |  | 116 | 121 | 126 | 130 | 136 | 141 | 144              |  |  |
| Средн<br>Q | 146 | 148 | 149 | 148 | 151 | 151 | 152 | 152 | 152 | 151 | 150 | 149 | 148 | 145 | 143 | 139 | 136 | 134 |  | 133 | 133 | 133 | 137 | 137 | 137 | 144              |  |  |
| Средн<br>D | 149 | 156 | 174 | 191 | 207 | 202 | 212 | 212 | 193 | 177 | 172 | 145 | 128 | 111 | 104 | 117 | 118 | 112 |  | 106 | 108 | 124 | 131 | 136 | 144 | 151              |  |  |

Станция Уэлен

Арктический и Антарктический научно-исследовательский институт

М 34

Год 1969 месяц июльЭлемент  $\bar{D}=14^{\circ}30'0''$ о =        Е =       

| число     | 1   | 2   | 3   | 4   | 5    | 6   | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 18   | 18 | 19   | 20   | 21   | 22   | 23   | 24   | Средне-<br>суточн. | Время | Макси-<br>мум | Мини-<br>мум | Время | Ампли-<br>туда | Хар.<br>0,12 | Числен-<br>ная ха-<br>рактер | Особ.<br>явления | Сумма |
|-----------|-----|-----|-----|-----|------|-----|------|------|------|------|------|------|------|------|------|------|------|------|----|------|------|------|------|------|------|--------------------|-------|---------------|--------------|-------|----------------|--------------|------------------------------|------------------|-------|
| $\bar{D}$ | 6   | 3   | 3   | 4   | 7    | 8   | 6    | 11   | 13   | 8    | 9    | 8    | 13   | 13   | 19   | 19   | 20   | 22   |    | 26   | 27   | 20   | 16   | 11   | 4    | 12.3               |       |               |              |       |                |              |                              |                  |       |
| 2         | 2   | -1  | 2   | 1   | 4    | 5   | 11   | 13   | 11   | 11   | 10   | 9    | 9    | 11   | 14   | 17   | 20   | 22   |    | 23   | 23   | 21   | 19   | 14   | 8    | 11.6               |       |               |              |       |                |              |                              |                  |       |
| 3         | 4   | 1   | -1  | -1  | 3    | 7   | 9    | 11   | 11   | 11   | 11   | 11   | 12   | 14   | 16   | 19   | 21   | 23   |    | 24   | 23   | 19   | 18   | 15   | 11   | 12.2               |       |               |              |       |                |              |                              |                  |       |
| $\bar{Q}$ | 7   | 3   | 3   | 3   | 6    | 8   | 10   | 11   | 12   | 11   | 12   | 12   | 12   | 15   | 17   | 18   | 18   | 19   |    | 22   | 23   | 22   | 17   | 10   | 7    | 12.4               |       |               |              |       |                |              |                              |                  |       |
| $\bar{Q}$ | 3   | 2   | 1   | 3   | 4    | 8   | 10   | 11   | 11   | 11   | 12   | 11   | 11   | 14   | 15   | 19   | 22   | 24   |    | 27   | 26   | 25   | 22   | 16   | 11   | 13.3               |       |               |              |       |                |              |                              |                  |       |
| 6         | 7   | 3   | 1   | 3   | 5    | 7   | 9    | 11   | 11   | 11   | 11   | 12   | 14   | 14   | 14   | 15   | 22   | 23   |    | 24   | 24   | 20   | 19   | 14   | 8    | 12.6               |       |               |              |       |                |              |                              |                  |       |
| 7         | 6   | 2   | 1   | 3   | 4    | 7   | 9    | 10   | 10   | 10   | 10   | 10   | 11   | 11   | 15   | 23   | 22   | 22   |    | 25   | 23   | 22   | 16   | 9    | 6    | 12.0               |       |               |              |       |                |              |                              |                  |       |
| 8         | 4   | 2   | 1   | 3   | 5    | 9   | 10   | 11   | 9    | 9    | 11   | 12   | 13   | 12   | 15   | 19   | 23   | 23   |    | 23   | 20   | 22   | 19   | 16   | 6    | 12.4               |       |               |              |       |                |              |                              |                  |       |
| 9         | 4   | 3   | 1   | 1   | 2    | 6   | 7    | 9    | 12   | 9    | 9    | 10   | 11   | 16   | 19   | 19   | 21   | 25   |    | 25   | 22   | 19   | 15   | 11   | 8    | 11.8               |       |               |              |       |                |              |                              |                  |       |
| 10        | 3   | 4   | 3   | 5   | 6    | 7   | 9    | 9    | 11   | 12   | 14   | 9    | 11   | 11   | 7    | 21   | 24   | 27   |    | 27   | 25   | 22   | 19   | 15   | 7    | 12.8               |       |               |              |       |                |              |                              |                  |       |
| 11        | 1   | 2   | 3   | 3   | 6    | 8   | 11   | 12   | 14   | 13   | 12   | 11   | 11   | 12   | 14   | 15   | 19   | 23   |    | 27   | 23   | 19   | 14   | 10   | 7    | 12.1               |       |               |              |       |                |              |                              |                  |       |
| 12        | 7   | 4   | 1   | 3   | 4    | 3   | 10   | 11   | 17   | 11   | 9    | 7    | 8    | 11   | 10   | 13   | 18   | 22   |    | 25   | 19   | 22   | 23   | 2    | 1    | 10.9               |       |               |              |       |                |              |                              |                  |       |
| $\bar{D}$ | 3   | 3   | 2   | 3   | 6    | 15  | 11   | 10   | 11   | 13   | 7    | 9    | 11   | 11   | 9    | 13   | 17   | 19   |    | 24   | 18   | 27   | 14   | 10   | 7    | 11.4               |       |               |              |       |                |              |                              |                  |       |
| $\bar{D}$ | 3   | 1   | 5   | 9   | 15   | 10  | 11   | 11   | 12   | 11   | 11   | 7    | 8    | 11   | 9    | 14   | 17   | 20   |    | 26   | 27   | 19   | 13   | 12   | 7    | 12.0               |       |               |              |       |                |              |                              |                  |       |
| 15        | 5   | 7   | 6   | 7   | 9    | 9   | 11   | 11   | 12   | 12   | 11   | 6    | 9    | 10   | 11   | 15   | 18   | 23   |    | 25   | 24   | 22   | 19   | 11   | 9    | 12.6               |       |               |              |       |                |              |                              |                  |       |
| 16        | 7   | 4   | 3   | 4   | 7    | 9   | 9    | 9    | 11   | 11   | 17   | 7    | 8    | 10   | 12   | 12   | 14   | 25   |    | 23   | 22   | 19   | 17   | 12   | 11   | 11.8               |       |               |              |       |                |              |                              |                  |       |
| 17        | 10  | 6   | 4   | 7   | 9    | 9   | 11   | 11   | 11   | 12   | 12   | 11   | 11   | 10   | 12   | 15   | 14   | 19   |    | 22   | 22   | 19   | 17   | 13   | 11   | 12.4               |       |               |              |       |                |              |                              |                  |       |
| 18        | 9   | 7   | 7   | 6   | 7    | 7   | 10   | 13   | 13   | 12   | 10   | 9    | 11   | 7    | 13   | 17   | 18   | 20   |    | 21   | 21   | 18   | 17   | 15   | 11   | 12.5               |       |               |              |       |                |              |                              |                  |       |
| $\bar{Q}$ | 8   | 9   | 8   | 7   | 8    | 9   | 11   | 14   | 14   | 14   | 11   | 10   | 8    | 11   | 12   | 15   | 19   | 21   |    | 23   | 22   | 20   | 15   | 14   | 12   | 13.1               |       |               |              |       |                |              |                              |                  |       |
| $\bar{Q}$ | 11  | 8   | 7   | 6   | 6    | 7   | 10   | 11   | 12   | 12   | 12   | 11   | 11   | 13   | 13   | 14   | 17   | 19   |    | 25   | 24   | 20   | 19   | 18   | 14   | 13.3               |       |               |              |       |                |              |                              |                  |       |
| 21        | 7   | 5   | 6   | 7   | 9    | 10  | 10   | 10   | 11   | 11   | 11   | 13   | 13   | 13   | 12   | 14   | 22   | 21   |    | 27   | 23   | 18   | 15   | 15   | 11   | 13.1               |       |               |              |       |                |              |                              |                  |       |
| 22        | 10  | 7   | 6   | 7   | 7    | 7   | 4    | 6    | 7    | 7    | 11   | 11   | 11   | 12   | 16   | 17   | 19   | 20   |    | 21   | 20   | 19   | 11   | 9    | 7    | 11.3               |       |               |              |       |                |              |                              |                  |       |
| 23        | 9   | 9   | 7   | 7   | 7    | 7   | 9    | 10   | 11   | 12   | 13   | 13   | 14   | 14   | 16   | 18   | 17   | 17   |    | 23   | 21   | 20   | 18   | 15   | 7    | 13.1               |       |               |              |       |                |              |                              |                  |       |
| 24        | 6   | 7   | 7   | 9   | 10   | 10  | 11   | 11   | 11   | 11   | 11   | 11   | 11   | 11   | 12   | 14   | 18   | 17   |    | 19   | 19   | 15   | 13   | 11   | 10   | 11.9               |       |               |              |       |                |              |                              |                  |       |
| 25        | 9   | 9   | 7   | 4   | 5    | 6   | 9    | 9    | 11   | 11   | 11   | 11   | 11   | 12   | 12   | 15   | 17   | 19   |    | 19   | 19   | 17   | 17   | 16   | 10   | 12.2               |       |               |              |       |                |              |                              |                  |       |
| $\bar{D}$ | 11  | 7   | 7   | 6   | 7    | 9   | 10   | 10   | 11   | 11   | 11   | 11   | 11   | 7    | 20   | 27   | 30   | 27   |    | 24   | 23   | 19   | 17   | 9    | 16   | 14.2               |       |               |              |       |                |              |                              |                  |       |
| $\bar{D}$ | 17  | 19  | 25  | 26  | 18   | 3   | 0    | 2    | 3    | 10   | 10   | 8    | 5    | 14   | 14   | 15   | 17   | 18   |    | 21   | 20   | 19   | 17   | 11   | 10   | 13.4               |       |               |              |       |                |              |                              |                  |       |
| 28        | 5   | 4   | 6   | 9   | 9    | 11  | 11   | 18   | 14   | 10   | 10   | 11   | 11   | 12   | 12   | 13   | 15   | 17   |    | 17   | 18   | 17   | 15   | 11   | 8    | 11.8               |       |               |              |       |                |              |                              |                  |       |
| $\bar{Q}$ | 5   | 5   | 6   | 7   | 9    | 9   | 11   | 12   | 11   | 11   | 11   | 11   | 11   | 13   | 15   | 18   | 20   | 22   |    | 23   | 23   | 19   | 17   | 15   | 14   | 13.2               |       |               |              |       |                |              |                              |                  |       |
| 30        | 11  | 7   | 7   | 7   | 8    | 9   | 10   | 11   | 11   | 11   | 11   | 13   | 13   | 14   | 15   | 20   | 23   | 21   |    | 27   | 27   | 19   | 10   | 8    | 6    | 13.3               |       |               |              |       |                |              |                              |                  |       |
| 31        | 2   | 3   | 5   | 6   | 7    | 8   | 11   | 11   | 11   | 12   | 11   | 9    | 11   | 11   | 14   | 14   | 18   | 22   |    | 22   | 23   | 19   | 16   | 13   | 9    | 12.0               |       |               |              |       |                |              |                              |                  |       |
| средн.    | 6.5 | 5.0 | 4.8 | 5.6 | 7.1  | 8.0 | 9.4  | 10.6 | 11.3 | 11.0 | 11.0 | 10.1 | 10.8 | 11.9 | 13.8 | 16.7 | 19.4 | 21.4 |    | 23.5 | 22.4 | 19.9 | 16.6 | 12.3 | 8.8  | 12.4               |       |               |              |       |                |              |                              |                  |       |
| $\bar{Q}$ | 6.8 | 5.4 | 5.0 | 5.2 | 6.6  | 8.2 | 10.4 | 11.8 | 12.0 | 11.8 | 11.6 | 11.0 | 10.6 | 13.2 | 14.4 | 16.8 | 19.2 | 21.0 |    | 24.0 | 23.6 | 21.2 | 18.0 | 14.6 | 11.6 | 13.1               |       |               |              |       |                |              |                              |                  |       |
| сумма     | 8.0 | 6.6 | 8.4 | 9.6 | 10.6 | 9.0 | 7.6  | 8.8  | 10.0 | 10.6 | 9.6  | 8.6  | 9.6  | 11.2 | 14.2 | 17.6 | 20.2 | 21.2 |    | 24.2 | 23.0 | 20.8 | 15.4 | 10.6 | 8.8  | 12.7               |       |               |              |       |                |              |                              |                  |       |

ПРИМЕЧАНИЯ:

Обработка

Контроль

Станция Уэлен

Арктический и Антарктический научно-исследовательский институт

М-34

Год 1969месяц июльэлемент H=14000<sup>+</sup>

|            | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  |  | 19  | 20  | 21  | 22  | 23  | 24  | средне<br>суточн |  |  |
|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|-----|-----|-----|-----|-----|-----|------------------|--|--|
| 1D         | 154 | 169 | 166 | 188 | 204 | 219 | 272 | 416 | 484 | 181 | 181 | 177 | 166 | 186 | 169 | 162 | 131 | 112 |  | 116 | 124 | 120 | 139 | 120 | 120 | 173              |  |  |
| 2          | 139 | 162 | 181 | 181 | 181 | 200 | 166 | 181 | 173 | 169 | 169 | 169 | 162 | 158 | 158 | 162 | 162 | 150 |  | 131 | 112 | 112 | 112 | 124 | 131 | 156              |  |  |
| 3          | 139 | 143 | 150 | 158 | 166 | 166 | 162 | 169 | 169 | 173 | 177 | 181 | 177 | 173 | 166 | 169 | 166 | 154 |  | 147 | 150 | 150 | 143 | 139 | 135 | 159              |  |  |
| 4Q         | 131 | 131 | 143 | 154 | 169 | 177 | 173 | 173 | 169 | 173 | 173 | 173 | 173 | 169 | 173 | 177 | 177 | 173 |  | 162 | 147 | 128 | 124 | 131 | 131 | 158              |  |  |
| 5Q         | 135 | 143 | 147 | 158 | 173 | 181 | 173 | 181 | 185 | 185 | 181 | 181 | 173 | 169 | 169 | 166 | 169 | 166 |  | 154 | 147 | 139 | 131 | 128 | 120 | 161              |  |  |
| 6          | 128 | 131 | 143 | 158 | 166 | 173 | 188 | 188 | 188 | 188 | 188 | 185 | 188 | 188 | 181 | 162 | 181 | 185 |  | 177 | 173 | 162 | 147 | 128 | 116 | 167              |  |  |
| 7          | 124 | 143 | 158 | 173 | 196 | 185 | 173 | 181 | 188 | 185 | 188 | 185 | 177 | 166 | 166 | 169 | 162 | 147 |  | 158 | 154 | 139 | 124 | 109 | 112 | 161              |  |  |
| 8          | 116 | 124 | 128 | 143 | 166 | 158 | 173 | 169 | 173 | 173 | 173 | 173 | 173 | 166 | 166 | 166 | 162 | 154 |  | 150 | 147 | 143 | 143 | 135 | 135 | 155              |  |  |
| 9          | 139 | 150 | 147 | 169 | 192 | 192 | 188 | 200 | 207 | 185 | 181 | 173 | 169 | 147 | 158 | 158 | 147 | 147 |  | 135 | 120 | 116 | 120 | 124 | 120 | 158              |  |  |
| 10         | 128 | 154 | 162 | 188 | 177 | 173 | 162 | 166 | 185 | 192 | 188 | 181 | 169 | 166 | 135 | 97  | 147 | 150 |  | 150 | 147 | 139 | 128 | 112 | 109 | 154              |  |  |
| 11         | 120 | 131 | 143 | 147 | 166 | 173 | 185 | 177 | 173 | 173 | 185 | 185 | 181 | 173 | 173 | 169 | 166 | 154 |  | 150 | 147 | 131 | 143 | 131 | 131 | 159              |  |  |
| 12         | 135 | 150 | 162 | 177 | 188 | 169 | 207 | 197 | 201 | 186 | 186 | 182 | 178 | 178 | 174 | 182 | 189 | 186 |  | 174 | 170 | 163 | 110 | 129 | 159 | 172              |  |  |
| 13D        | 163 | 170 | 174 | 186 | 239 | 277 | 189 | 178 | 224 | 201 | 186 | 182 | 186 | 189 | 178 | 170 | 182 | 174 |  | 136 | 87  | 91  | 117 | 121 | 121 | 172              |  |  |
| 14D        | 129 | 136 | 151 | 208 | 239 | 197 | 186 | 178 | 186 | 182 | 159 | 182 | 174 | 182 | 186 | 174 | 174 | 162 |  | 147 | 143 | 147 | 128 | 128 | 120 | 167              |  |  |
| 15         | 131 | 147 | 158 | 173 | 173 | 162 | 158 | 166 | 173 | 169 | 185 | 150 | 150 | 177 | 173 | 169 | 166 | 166 |  | 158 | 147 | 131 | 109 | 112 | 124 | 155              |  |  |
| 16         | 139 | 147 | 166 | 166 | 173 | 181 | 162 | 162 | 166 | 181 | 192 | 177 | 181 | 181 | 173 | 173 | 150 | 147 |  | 143 | 135 | 150 | 143 | 150 | 147 | 162              |  |  |
| 17         | 147 | 147 | 143 | 158 | 162 | 158 | 162 | 169 | 169 | 169 | 177 | 169 | 169 | 166 | 162 | 166 | 158 | 139 |  | 143 | 139 | 135 | 147 | 143 | 135 | 156              |  |  |
| 18         | 131 | 128 | 131 | 143 | 150 | 158 | 173 | 169 | 166 | 177 | 166 | 166 | 139 | 173 | 158 | 169 | 166 | 166 |  | 154 | 147 | 154 | 150 | 147 | 143 | 155              |  |  |
| 19Q        | 139 | 139 | 147 | 150 | 150 | 173 | 166 | 173 | 173 | 173 | 173 | 173 | 169 | 166 | 158 | 158 | 158 | 154 |  | 150 | 143 | 128 | 120 | 124 | 128 | 154              |  |  |
| 20Q        | 135 | 139 | 150 | 139 | 147 | 154 | 162 | 166 | 169 | 173 | 177 | 185 | 188 | 188 | 196 | 196 | 189 | 167 |  | 167 | 170 | 170 | 155 | 144 | 136 | 165              |  |  |
| 21         | 140 | 144 | 151 | 155 | 159 | 167 | 167 | 174 | 170 | 178 | 182 | 189 | 193 | 193 | 178 | 155 | 151 | 132 |  | 129 | 136 | 129 | 121 | 125 | 125 | 156              |  |  |
| 22         | 136 | 151 | 151 | 148 | 167 | 187 | 189 | 212 | 186 | 170 | 174 | 167 | 163 | 159 | 155 | 167 | 159 | 155 |  | 148 | 136 | 129 | 136 | 140 | 148 | 160              |  |  |
| 23         | 136 | 136 | 144 | 144 | 148 | 159 | 163 | 167 | 167 | 167 | 182 | 170 | 167 | 159 | 159 | 159 | 159 | 132 |  | 125 | 144 | 136 | 136 | 132 | 117 | 150              |  |  |
| 24         | 129 | 140 | 144 | 148 | 151 | 163 | 170 | 151 | 163 | 167 | 167 | 167 | 170 | 174 | 159 | 167 | 163 | 159 |  | 155 | 148 | 148 | 151 | 155 | 151 | 157              |  |  |
| 25         | 151 | 151 | 151 | 159 | 159 | 174 | 178 | 163 | 163 | 170 | 163 | 163 | 163 | 167 | 163 | 163 | 159 | 155 |  | 144 | 144 | 144 | 140 | 140 | 144 | 157              |  |  |
| 26D        | 144 | 144 | 159 | 159 | 163 | 159 | 151 | 159 | 192 | 167 | 167 | 174 | 55  | 186 | 106 | 120 | 154 | 162 |  | 158 | 150 | 143 | 131 | 124 | 109 | 152              |  |  |
| 27D        | 120 | 226 | 359 | 534 | 428 | 428 | 436 | 230 | 192 | 245 | 219 | 226 | 155 | 97  | 128 | 135 | 128 | 112 |  | 90  | 44  | 105 | 128 | 128 | 128 | 205              |  |  |
| 28         | 128 | 135 | 131 | 139 | 143 | 147 | 166 | 182 | 182 | 167 | 155 | 151 | 159 | 151 | 151 | 151 | 151 | 155 |  | 148 | 140 | 132 | 129 | 129 | 132 | 148              |  |  |
| 29Q        | 136 | 136 | 136 | 144 | 144 | 151 | 163 | 155 | 159 | 159 | 159 | 159 | 159 | 155 | 159 | 167 | 167 | 167 |  | 155 | 144 | 144 | 144 | 140 | 136 | 152              |  |  |
| 30         | 132 | 125 | 136 | 151 | 167 | 178 | 174 | 186 | 174 | 170 | 170 | 174 | 178 | 186 | 182 | 189 | 159 | 129 |  | 75  | 125 | 125 | 125 | 117 | 121 | 152              |  |  |
| 31         | 129 | 125 | 129 | 159 | 144 | 167 | 167 | 163 | 163 | 170 | 170 | 174 | 167 | 167 | 163 | 155 | 159 | 155 |  | 144 | 144 | 140 | 136 | 132 | 129 | 152              |  |  |
| Средн      | 135 | 145 | 156 | 173 | 179 | 184 | 184 | 184 | 177 | 178 | 174 | 176 | 168 | 169 | 164 | 163 | 162 | 154 |  | 144 | 139 | 136 | 133 | 130 | 129 | 160              |  |  |
| Средн<br>Q | 135 | 138 | 145 | 149 | 157 | 167 | 167 | 170 | 171 | 173 | 173 | 174 | 172 | 169 | 171 | 173 | 172 | 165 |  | 158 | 150 | 142 | 135 | 133 | 130 | 158              |  |  |
| Средн<br>D | 142 | 169 | 202 | 255 | 255 | 256 | 247 | 232 | 189 | 195 | 182 | 188 | 155 | 164 | 153 | 152 | 154 | 144 |  | 129 | 110 | 121 | 129 | 124 | 120 | 174              |  |  |

Станция Уэлен

Арктический и Антарктический научно-исследовательский институт

Год 1969 месяц июльэлемент  $Z = 53400 \text{ } \mu + \dots$ 

|            | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  |  | 19  | 20  | 21  | 22  | 23  | 24  | средне<br>суточн |  |  |
|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|-----|-----|-----|-----|-----|-----|------------------|--|--|
| 1D         | 125 | 133 | 137 | 133 | 141 | 160 | 172 | 211 | 176 | 164 | 164 | 156 | 133 | 129 | 133 | 129 | 117 | 106 |  | 102 | 110 | 133 | 137 | 141 | 149 | 141              |  |  |
| 2          | 153 | 164 | 172 | 168 | 172 | 168 | 176 | 164 | 153 | 153 | 145 | 145 | 141 | 133 | 133 | 133 | 133 | 133 |  | 137 | 137 | 133 | 137 | 142 | 146 | 149              |  |  |
| 3          | 150 | 150 | 154 | 149 | 149 | 156 | 153 | 145 | 145 | 141 | 141 | 145 | 145 | 141 | 141 | 141 | 141 | 133 |  | 125 | 117 | 117 | 129 | 133 | 137 | 141              |  |  |
| 4Q         | 141 | 141 | 142 | 142 | 138 | 146 | 146 | 146 | 146 | 146 | 146 | 142 | 142 | 142 | 142 | 142 | 142 | 138 |  | 142 | 146 | 146 | 138 | 134 | 134 | 142              |  |  |
| 5Q         | 134 | 138 | 146 | 146 | 150 | 154 | 150 | 150 | 150 | 150 | 150 | 142 | 134 | 134 | 134 | 130 | 130 | 134 |  | 130 | 130 | 130 | 130 | 130 | 126 | 139              |  |  |
| 6          | 126 | 130 | 134 | 134 | 138 | 134 | 138 | 142 | 146 | 146 | 142 | 142 | 138 | 138 | 131 | 100 | 84  | 112 |  | 123 | 131 | 135 | 135 | 135 | 131 | 131              |  |  |
| 7          | 131 | 135 | 143 | 143 | 155 | 162 | 155 | 142 | 142 | 146 | 150 | 146 | 146 | 146 | 134 | 122 | 126 | 111 |  | 103 | 114 | 118 | 122 | 126 | 126 | 135              |  |  |
| 8          | 130 | 134 | 142 | 142 | 142 | 150 | 146 | 146 | 142 | 142 | 142 | 146 | 142 | 138 | 126 | 118 | 126 | 130 |  | 130 | 130 | 122 | 118 | 122 | 126 | 135              |  |  |
| 9          | 126 | 134 | 150 | 170 | 178 | 190 | 186 | 182 | 190 | 166 | 158 | 151 | 143 | 115 | 100 | 115 | 104 | 104 |  | 108 | 100 | 108 | 112 | 114 | 122 | 139              |  |  |
| 10         | 130 | 138 | 150 | 165 | 173 | 169 | 157 | 146 | 142 | 161 | 169 | 157 | 150 | 142 | 103 | 44  | 91  | 103 |  | 118 | 126 | 130 | 130 | 134 | 138 | 136              |  |  |
| 11         | 134 | 142 | 142 | 145 | 149 | 145 | 141 | 145 | 149 | 149 | 145 | 145 | 145 | 137 | 137 | 133 | 133 | 133 |  | 121 | 117 | 110 | 106 | 121 | 133 | 136              |  |  |
| 12         | 133 | 149 | 160 | 176 | 191 | 211 | 211 | 227 | 207 | 172 | 160 | 153 | 149 | 145 | 144 | 144 | 148 | 152 |  | 148 | 144 | 128 | 132 | 140 | 148 | 161              |  |  |
| 13D        | 148 | 144 | 155 | 163 | 194 | 249 | 210 | 190 | 214 | 194 | 179 | 152 | 155 | 144 | 152 | 155 | 155 | 155 |  | 136 | 101 | 50  | 77  | 105 | 133 | 155              |  |  |
| 14D        | 145 | 149 | 153 | 172 | 234 | 199 | 172 | 184 | 191 | 180 | 164 | 156 | 137 | 137 | 137 | 149 | 153 | 156 |  | 141 | 133 | 133 | 125 | 133 | 145 | 157              |  |  |
| 15         | 149 | 153 | 156 | 149 | 149 | 149 | 145 | 149 | 160 | 168 | 156 | 121 | 94  | 141 | 149 | 149 | 153 | 149 |  | 149 | 149 | 149 | 141 | 145 | 145 | 147              |  |  |
| 16         | 149 | 153 | 156 | 164 | 168 | 172 | 172 | 160 | 153 | 153 | 164 | 153 | 153 | 145 | 137 | 145 | 129 | 102 |  | 121 | 121 | 117 | 121 | 133 | 141 | 145              |  |  |
| 17         | 149 | 156 | 153 | 153 | 164 | 172 | 164 | 156 | 153 | 153 | 153 | 149 | 145 | 145 | 141 | 137 | 137 | 126 |  | 130 | 134 | 134 | 134 | 142 | 138 | 147              |  |  |
| 18         | 134 | 134 | 138 | 146 | 142 | 142 | 150 | 154 | 154 | 154 | 161 | 150 | 138 | 87  | 91  | 134 | 142 | 146 |  | 150 | 142 | 130 | 134 | 142 | 146 | 139              |  |  |
| 19Q        | 138 | 138 | 141 | 145 | 145 | 149 | 156 | 156 | 156 | 149 | 149 | 149 | 145 | 145 | 145 | 145 | 145 | 141 |  | 141 | 141 | 137 | 125 | 129 | 133 | 143              |  |  |
| 20Q        | 137 | 137 | 137 | 141 | 137 | 141 | 145 | 145 | 145 | 145 | 145 | 141 | 141 | 141 | 141 | 137 | 141 | 133 |  | 137 | 132 | 132 | 132 | 132 | 132 | 139              |  |  |
| 21         | 132 | 132 | 140 | 144 | 144 | 140 | 140 | 136 | 136 | 140 | 140 | 140 | 140 | 132 | 112 | 85  | 85  | 89  |  | 93  | 93  | 105 | 116 | 124 | 132 | 124              |  |  |
| 22         | 140 | 148 | 148 | 140 | 140 | 148 | 171 | 190 | 210 | 171 | 155 | 148 | 140 | 132 | 132 | 132 | 128 | 132 |  | 132 | 132 | 128 | 124 | 120 | 124 | 144              |  |  |
| 23         | 132 | 136 | 136 | 140 | 140 | 140 | 140 | 137 | 137 | 141 | 141 | 141 | 141 | 141 | 137 | 137 | 133 | 117 |  | 98  | 110 | 125 | 129 | 133 | 137 | 133              |  |  |
| 24         | 129 | 125 | 125 | 125 | 133 | 141 | 153 | 160 | 156 | 145 | 141 | 141 | 141 | 137 | 133 | 132 | 124 | 132 |  | 132 | 132 | 132 | 132 | 132 | 136 | 136              |  |  |
| 25         | 140 | 140 | 144 | 152 | 159 | 163 | 179 | 175 | 148 | 144 | 144 | 140 | 136 | 136 | 136 | 136 | 140 | 140 |  | 136 | 132 | 132 | 124 | 128 | 136 | 143              |  |  |
| 26D        | 132 | 140 | 140 | 149 | 160 | 164 | 145 | 133 | 133 | 133 | 133 | 133 | 129 | 113 | 8   | 47  | 82  | 113 |  | 129 | 133 | 125 | 125 | 125 | 117 | 123              |  |  |
| 27D        | 149 | 250 | 269 | 176 | 215 | 246 | 176 | 59  | 129 | 199 | 199 | 164 | 106 | 94  | 121 | 133 | 133 | 133 |  | 113 | 102 | 125 | 137 | 141 | 145 | 155              |  |  |
| 28         | 149 | 153 | 156 | 156 | 156 | 156 | 160 | 180 | 172 | 164 | 156 | 149 | 149 | 145 | 145 | 141 | 141 | 145 |  | 145 | 145 | 145 | 145 | 145 | 149 | 152              |  |  |
| 29Q        | 145 | 145 | 149 | 149 | 149 | 149 | 148 | 152 | 148 | 149 | 148 | 148 | 148 | 144 | 140 | 136 | 136 | 140 |  | 140 | 136 | 124 | 124 | 124 | 128 | 142              |  |  |
| 30         | 132 | 140 | 140 | 140 | 140 | 144 | 144 | 140 | 144 | 148 | 144 | 144 | 140 | 132 | 120 | 105 | 112 | 112 |  | 23  | 77  | 93  | 101 | 120 | 145 | 124              |  |  |
| 31         | 145 | 145 | 145 | 153 | 156 | 149 | 145 | 145 | 145 | 145 | 149 | 149 | 141 | 133 | 125 | 129 | 133 | 141 |  | 145 | 137 | 141 | 141 | 141 | 141 | 142              |  |  |
| Средн      | 138 | 145 | 150 | 151 | 158 | 163 | 160 | 156 | 157 | 155 | 153 | 146 | 140 | 134 | 128 | 126 | 128 | 129 |  | 125 | 125 | 125 | 126 | 131 | 136 | 141              |  |  |
| Средн<br>Q | 139 | 140 | 143 | 145 | 144 | 148 | 149 | 150 | 149 | 148 | 148 | 144 | 142 | 141 | 140 | 138 | 139 | 137 |  | 138 | 137 | 134 | 130 | 130 | 131 | 141              |  |  |
| Средн<br>D | 140 | 163 | 171 | 159 | 189 | 204 | 175 | 155 | 169 | 174 | 168 | 152 | 132 | 123 | 110 | 123 | 128 | 133 |  | 124 | 116 | 113 | 120 | 129 | 138 | 146              |  |  |

| число           | 1   | 2   | 3   | 4   | 5   | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 18   | 18 | 19   | 20   | 21   | 22   | 23   | 24  | Средне-<br>суточи | Время | Макси-<br>мум | Мини-<br>мум | Время | Ампли-<br>туда | Хар.<br>0,12 | Числен-<br>ная ха-<br>рактер | Особ.<br>явления | Сумма |
|-----------------|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|----|------|------|------|------|------|-----|-------------------|-------|---------------|--------------|-------|----------------|--------------|------------------------------|------------------|-------|
| 1 <sup>Q</sup>  | 7   | 6   | 5   | 6   | 8   | 11   | 11   | 12   | 12   | 12   | 10   | 11   | 11   | 12   | 14   | 17   | 20   | 23   |    | 23   | 25   | 23   | 20   | 16   | 12  | 13.6              |       |               |              |       |                |              |                              |                  |       |
| 2               | 9   | 7   | 6   | 7   | 8   | 9    | 11   | 11   | 11   | 11   | 10   | 10   | 11   | 13   | 13   | 19   | 23   | 26   |    | 27   | 28   | 26   | 17   | 11   | 7   | 13.8              |       |               |              |       |                |              |                              |                  |       |
| 3 <sup>D</sup>  | 6   | 6   | 6   | 4   | 7   | 8    | 9    | 9    | 10   | 8    | 6    | 7    | 14   | 14   | 19   | 27   | 26   | 29   |    | 19   | 25   | 20   | 12   | 5    | -2  | 12.2              |       |               |              |       |                |              |                              |                  |       |
| 4               | -1  | 1   | 1   | 5   | 6   | 11   | 8    | 9    | 11   | 11   | 17   | 11   | 11   | 11   | 14   | 15   | 11   | 17   |    | 23   | 20   | 17   | 12   | 12   | 7   | 10.8              |       |               |              |       |                |              |                              |                  |       |
| 5               | 7   | 6   | 5   | 4   | 6   | 10   | 7    | 8    | 10   | 11   | 12   | 11   | 8    | 12   | 12   | 12   | 15   | 20   |    | 23   | 20   | 17   | 14   | 9    | 7   | 11.1              |       |               |              |       |                |              |                              |                  |       |
| 6               | 7   | 8   | 7   | 7   | 7   | 9    | 10   | 11   | 11   | 11   | 12   | 12   | 12   | 12   | 15   | 16   | 19   | 20   |    | 21   | 22   | 20   | 16   | 12   | 11  | 12.8              |       |               |              |       |                |              |                              |                  |       |
| 7               | 8   | 10  | 10  | 7   | 7   | 8    | 10   | 11   | 11   | 11   | 11   | 12   | 11   | 7    | 9    | 15   | 20   | 24   |    | 25   | 21   | 16   | 10   | 7    | 2   | 11.8              |       |               |              |       |                |              |                              |                  |       |
| 8               | 4   | 3   | 4   | 7   | 8   | 8    | 9    | 13   | 12   | 10   | 8    | 14   | 11   | 11   | 15   | 18   | 21   | 27   |    | 26   | 23   | 18   | 17   | 11   | 12  | 12.9              |       |               |              |       |                |              |                              |                  |       |
| 9               | 7   | 3   | 4   | 3   | 7   | 11   | 11   | 12   | 13   | 11   | 12   | 15   | 10   | 9    | 13   | 19   | 15   | 15   |    | 20   | 19   | 15   | 13   | 12   | 9   | 11.6              |       |               |              |       |                |              |                              |                  |       |
| 10              | 9   | 8   | 8   | 6   | 7   | 7    | 5    | 8    | 9    | 15   | 10   | 9    | 9    | 11   | 14   | 19   | 23   | 22   |    | 21   | 19   | 16   | 14   | 12   | 9   | 12.1              |       |               |              |       |                |              |                              |                  |       |
| 11 <sup>Q</sup> | 7   | 7   | 8   | 10  | 10  | 10   | 11   | 11   | 12   | 13   | 11   | 12   | 12   | 14   | 14   | 17   | 18   | 20   |    | 23   | 21   | 19   | 16   | 14   | 10  | 13.3              |       |               |              |       |                |              |                              |                  |       |
| 12 <sup>D</sup> | 9   | 8   | 1   | 5   | 7   | 12   | 9    | 11   | 18   | 12   | 8    | -1   | 15   | 11   | 15   | 15   | 13   | 15   |    | 23   | 24   | 22   | 15   | 10   | 9   | 11.9              |       |               |              |       |                |              |                              |                  |       |
| 13              | 7   | 7   | 6   | 9   | 11  | 11   | 13   | 13   | 28   | 17   | 11   | 11   | 11   | 11   | 12   | 15   | 16   | 19   |    | 21   | 21   | 17   | 11   | 11   | 7   | 13.2              |       |               |              |       |                |              |                              |                  |       |
| 14              | 7   | 6   | 7   | 7   | 6   | 8    | 11   | 18   | 11   | 11   | 11   | 8    | 14   | 15   | 14   | 15   | 15   | 20   |    | 24   | 25   | 20   | 15   | 11   | 9   | 12.8              |       |               |              |       |                |              |                              |                  |       |
| 15              | 8   | 7   | 8   | 9   | 11  | 11   | 12   | 12   | 12   | 11   | 11   | 12   | 14   | 14   | 15   | 15   | 17   | 19   |    | 21   | 21   | 19   | 17   | 14   | 8   | 13.2              |       |               |              |       |                |              |                              |                  |       |
| 16              | 7   | 7   | 7   | 8   | 11  | 12   | 13   | 14   | 14   | 13   | 16   | 16   | 12   | 11   | 11   | 12   | 16   | 27   |    | 29   | 27   | 22   | 15   | 7    | 7   | 13.9              |       |               |              |       |                |              |                              |                  |       |
| 17              | 6   | 4   | 3   | 4   | 7   | 3    | 7    | 9    | 8    | 10   | 10   | 9    | 11   | 12   | 14   | 17   | 20   | 23   |    | 25   | 22   | 19   | 15   | 10   | 9   | 11.5              |       |               |              |       |                |              |                              |                  |       |
| 18              | 7   | 6   | 6   | 7   | 10  | 11   | 11   | 11   | 11   | 12   | 11   | 13   | 12   | 9    | 16   | 24   | 23   | 23   |    | 25   | 23   | 18   | 13   | 11   | 9   | 13.4              |       |               |              |       |                |              |                              |                  |       |
| 19 <sup>D</sup> | 9   | 7   | 6   | 6   | 6   | 7    | 11   | 11   | 11   | 18   | 23   | 13   | 12   | 16   | 18   | 15   | 9    | 17   |    | 17   | 10   | 8    | -1   | 0    | 9   | 10.8              |       |               |              |       |                |              |                              |                  |       |
| 20              | 7   | 6   | 4   | 7   | 7   | 6    | 9    | 17   | 9    | 11   | 10   | 11   | 9    | 11   | 18   | 18   | 19   | 20   |    | 20   | 19   | 17   | 14   | 12   | 11  | 12.2              |       |               |              |       |                |              |                              |                  |       |
| 21              | 11  | 7   | 7   | 6   | 7   | 9    | 10   | 11   | 12   | 12   | 12   | 12   | 12   | 13   | 17   | 15   | 18   | 23   |    | 23   | 22   | 19   | 16   | 13   | 12  | 13.3              |       |               |              |       |                |              |                              |                  |       |
| 22              | 8   | 7   | 7   | 7   | 8   | 9    | 9    | 11   | 11   | 11   | 14   | 14   | 16   | 17   | 15   | 16   | 17   | 19   |    | 20   | 22   | 23   | 15   | 11   | 11  | 13.2              |       |               |              |       |                |              |                              |                  |       |
| 23              | 9   | 7   | 7   | 3   | -1  | 6    | 7    | 9    | 7    | 14   | 22   | 16   | 23   | 15   | 19   | 18   | 17   | 19   |    | 20   | 19   | 15   | 11   | 11   | 10  | 12.6              |       |               |              |       |                |              |                              |                  |       |
| 24              | 6   | 3   | 6   | 7   | 9   | 10   | 11   | 11   | 11   | 11   | 11   | 3    | 13   | 18   | 17   | 19   | 19   | 20   |    | 20   | 22   | 19   | 15   | 10   | 7   | 12.4              |       |               |              |       |                |              |                              |                  |       |
| 25 <sup>Q</sup> | 4   | 4   | 6   | 7   | 9   | 11   | 12   | 14   | 14   | 12   | 12   | 13   | 14   | 15   | 15   | 15   | 18   | 20   |    | 22   | 23   | 20   | 15   | 11   | 9   | 13.1              |       |               |              |       |                |              |                              |                  |       |
| 26 <sup>D</sup> | 9   | 7   | 8   | 9   | 10  | 10   | 10   | 11   | 11   | 17   | 34   | 18   | 23   | 23   | 19   | 18   | 20   | 22   |    | 24   | 25   | 24   | 23   | 12   | 14  | 16.7              |       |               |              |       |                |              |                              |                  |       |
| 27 <sup>D</sup> | 6   | 3   | -2  | -1  | 5   | 0    | 7    | 8    | 10   | 11   | 14   | 17   | 15   | 13   | 13   | 9    | 15   | 20   |    | 18   | 19   | 16   | 11   | 9    | 6   | 10.1              |       |               |              |       |                |              |                              |                  |       |
| 28              | 4   | 4   | 3   | 3   | 8   | 13   | 9    | 10   | 10   | 11   | 9    | 11   | 11   | 11   | 11   | 10   | 15   | 23   |    | 20   | 22   | 19   | 15   | 10   | 5   | 11.1              |       |               |              |       |                |              |                              |                  |       |
| 29 <sup>Q</sup> | 4   | 4   | 5   | 7   | 10  | 11   | 11   | 12   | 11   | 11   | 12   | 12   | 11   | 12   | 14   | 19   | 23   | 23   |    | 25   | 23   | 20   | 15   | 11   | 8   | 13.1              |       |               |              |       |                |              |                              |                  |       |
| 30 <sup>Q</sup> | 6   | 4   | 4   | 6   | 8   | 11   | 11   | 11   | 13   | 11   | 11   | 13   | 14   | 12   | 14   | 15   | 19   | 20   |    | 22   | 23   | 22   | 15   | 14   | 10  | 12.9              |       |               |              |       |                |              |                              |                  |       |
| 31              | 6   | 5   | 5   | 7   | 9   | 11   | 12   | 15   | 14   | 10   | 11   | 11   | 13   | 14   | 15   | 15   | 15   | 20   |    | 27   | 27   | 22   | 18   | 11   | 6   | 13.3              |       |               |              |       |                |              |                              |                  |       |
| среч.           | 6.8 | 5.7 | 5.4 | 6.1 | 7.7 | 9.2  | 9.9  | 11.4 | 11.9 | 11.9 | 12.6 | 11.5 | 12.7 | 12.9 | 14.6 | 16.4 | 17.9 | 21.1 |    | 22.5 | 22.0 | 19.0 | 14.3 | 10.6 | 8.4 | 12.6              |       |               |              |       |                |              |                              |                  |       |
| сумма           | 5.6 | 5.0 | 5.6 | 7.2 | 9.0 | 10.8 | 11.2 | 12.0 | 12.4 | 11.8 | 11.2 | 12.2 | 12.4 | 13.0 | 14.2 | 16.6 | 19.6 | 21.2 |    | 23.0 | 23.0 | 20.8 | 16.2 | 13.2 | 9.8 | 13.2              |       |               |              |       |                |              |                              |                  |       |
| Д               | 7.8 | 6.2 | 3.8 | 4.6 | 7.0 | 7.4  | 9.2  | 10.0 | 12.0 | 13.2 | 17.0 | 10.8 | 15.8 | 15.4 | 16.8 | 16.8 | 16.6 | 20.6 |    | 20.2 | 20.6 | 18.0 | 12.0 | 7.2  | 7.2 | 12.3              |       |               |              |       |                |              |                              |                  |       |

**ПРИМЕЧАНИЯ:**

### Обработка

Контроль \_\_\_\_\_

Станция Уэлен

Арктический и Антарктический научно-исследовательский институт

Год 1969 месяц августэлемент H=14000x...

|            | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  |     | 19  | 20  | 21  | 22  | 23  | 24  | Средне<br>суточн |     |  |  |
|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------------------|-----|--|--|
| 1Q         | 129 | 132 | 144 | 155 | 159 | 167 | 163 | 174 | 173 | 181 | 181 | 169 | 158 | 154 | 158 | 166 | 166 | 162 |     | 158 | 150 | 135 | 124 | 120 | 116 | 154              |     |  |  |
| 2          | 128 | 131 | 139 | 150 | 158 | 162 | 166 | 166 | 166 | 173 | 173 | 173 | 177 | 173 | 173 | 169 | 185 | 177 |     | 169 | 147 | 135 | 120 | 124 | 135 | 157              |     |  |  |
| 3D         | 136 | 147 | 177 | 166 | 150 | 166 | 173 | 181 | 196 | 215 | 188 | 181 | 166 | 166 | 147 | 124 | 139 | 150 |     | 120 | 135 | 120 | 90  | 93  | 109 | 152              |     |  |  |
| 4          | 112 | 131 | 147 | 154 | 204 | 207 | 207 | 166 | 169 | 188 | 188 | 166 | 166 | 158 | 154 | 136 | 87  | 98  |     | 113 | 110 | 113 | 117 | 140 | 148 | 149              |     |  |  |
| 5          | 144 | 136 | 151 | 167 | 189 | 193 | 174 | 155 | 163 | 163 | 174 | 189 | 151 | 167 | 167 | 159 | 144 | 159 |     | 159 | 163 | 151 | 144 | 132 | 129 | 159              |     |  |  |
| 6          | 132 | 151 | 148 | 151 | 170 | 174 | 174 | 167 | 167 | 167 | 170 | 174 | 167 | 163 | 163 | 159 | 163 | 159 |     | 148 | 132 | 121 | 125 | 129 | 132 | 154              |     |  |  |
| 7          | 144 | 148 | 148 | 155 | 159 | 174 | 178 | 182 | 167 | 182 | 182 | 189 | 189 | 167 | 148 | 159 | 167 | 174 |     | 159 | 140 | 113 | 125 | 136 | 144 | 159              |     |  |  |
| 8          | 148 | 140 | 151 | 159 | 163 | 159 | 170 | 189 | 186 | 193 | 189 | 170 | 167 | 163 | 151 | 163 | 159 | 159 |     | 144 | 140 | 151 | 144 | 159 | 148 | 161              |     |  |  |
| 9          | 140 | 144 | 159 | 151 | 148 | 159 | 167 | 174 | 174 | 174 | 174 | 174 | 178 | 136 | 151 | 167 | 174 | 155 |     | 140 | 148 | 148 | 144 | 140 | 132 | 156              |     |  |  |
| 10         | 136 | 144 | 140 | 159 | 170 | 167 | 182 | 185 | 224 | 170 | 174 | 174 | 163 | 140 | 121 | 129 | 159 | 170 |     | 174 | 167 | 151 | 140 | 136 | 136 | 159              |     |  |  |
| 11Q        | 136 | 140 | 144 | 144 | 151 | 151 | 159 | 163 | 167 | 174 | 167 | 167 | 167 | 174 | 182 | 182 | 182 | 174 |     | 163 | 167 | 151 | 151 | 144 | 136 | 160              |     |  |  |
| 12D        | 151 | 151 | 132 | 144 | 182 | 178 | 186 | 182 | 197 | 174 | 163 | -16 | 87  | 136 | 159 | 155 | 94  | -27 |     | 91  | 151 | 155 | 159 | 159 | 151 | 137              |     |  |  |
| 13         | 148 | 144 | 144 | 163 | 178 | 151 | 163 | 189 | 163 | 167 | 159 | 159 | 155 | 163 | 151 | 151 | 151 | 144 |     | 132 | 132 | 121 | 129 | 136 | 144 | 152              |     |  |  |
| 14         | 136 | 129 | 140 | 159 | 163 | 159 | 178 | 186 | 182 | 186 | 174 | 159 | 140 | 155 | 170 | 174 | 167 | 163 |     | 159 | 163 | 151 | 144 | 140 | 140 | 159              |     |  |  |
| 15         | 140 | 144 | 151 | 151 | 159 | 167 | 174 | 159 | 163 | 159 | 159 | 159 | 170 | 167 | 167 | 167 | 167 | 167 |     | 167 | 159 | 148 | 136 | 136 | 136 | 157              |     |  |  |
| 16         | 132 | 136 | 148 | 163 | 167 | 167 | 167 | 163 | 167 | 167 | 167 | 159 | 167 | 174 | 174 | 174 | 174 | 159 | 163 |     | 167 | 159 | 144 | 136 | 136 | 144              | 159 |  |  |
| 17         | 152 | 160 | 160 | 175 | 190 | 190 | 179 | 187 | 183 | 171 | 175 | 171 | 160 | 156 | 152 | 152 | 168 | 149 |     | 137 | 126 | 130 | 130 | 126 | 126 | 159              |     |  |  |
| 18         | 130 | 141 | 145 | 149 | 160 | 160 | 160 | 168 | 168 | 179 | 175 | 171 | 175 | 168 | 114 | 145 | 168 | 168 |     | 160 | 152 | 141 | 137 | 133 | 145 | 155              |     |  |  |
| 19D        | 156 | 149 | 152 | 149 | 160 | 168 | 160 | 175 | 183 | 175 | 175 | 175 | 152 | 133 | 152 | 152 | 76  | 99  |     | 111 | 73  | 69  | 95  | 118 | 156 | 140              |     |  |  |
| 20         | 145 | 141 | 160 | 168 | 179 | 171 | 213 | 202 | 198 | 194 | 175 | 168 | 160 | 137 | 141 | 152 | 149 | 156 |     | 152 | 137 | 130 | 133 | 130 | 137 | 160              |     |  |  |
| 21         | 145 | 141 | 133 | 152 | 152 | 160 | 160 | 160 | 160 | 160 | 164 | 168 | 171 | 152 | 145 | 122 | 95  | 137 |     | 145 | 141 | 145 | 145 | 141 | 133 | 147              |     |  |  |
| 22         | 133 | 137 | 137 | 141 | 152 | 156 | 164 | 164 | 168 | 175 | 179 | 179 | 175 | 168 | 164 | 164 | 164 | 152 |     | 149 | 152 | 130 | 137 | 133 | 141 | 155              |     |  |  |
| 23         | 141 | 145 | 141 | 175 | 168 | 137 | 168 | 190 | 187 | 202 | 183 | 171 | 149 | 145 | 122 | 137 | 152 | 152 |     | 159 | 141 | 126 | 122 | 122 | 126 | 152              |     |  |  |
| 24         | 141 | 145 | 152 | 160 | 160 | 168 | 168 | 171 | 175 | 160 | 183 | 137 | 168 | 160 | 168 | 164 | 171 | 160 |     | 152 | 145 | 141 | 130 | 130 | 130 | 156              |     |  |  |
| 25Q        | 130 | 141 | 141 | 168 | 160 | 164 | 160 | 160 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 160 |     | 160 | 152 | 137 | 130 | 130 | 137 | 154              |     |  |  |
| 26D        | 145 | 149 | 149 | 152 | 160 | 168 | 179 | 171 | 171 | 179 | 95  | 175 | 152 | 149 | 171 | 171 | 171 | 171 |     | 160 | 152 | 152 | 145 | 160 | 164 | 159              |     |  |  |
| 27D        | 152 | 171 | 168 | 304 | 339 | 198 | 126 | 145 | 206 | 225 | 111 | 16  | 130 | 156 | 122 | 42  | 99  | 149 |     | 114 | 114 | 137 | 137 | 130 | 133 | 151              |     |  |  |
| 28         | 137 | 149 | 160 | 160 | 160 | 179 | 168 | 160 | 156 | 160 | 164 | 160 | 160 | 160 | 156 | 137 | 137 | 141 |     | 122 | 130 | 130 | 122 | 122 | 125 | 148              |     |  |  |
| 29Q        | 133 | 137 | 156 | 156 | 160 | 164 | 160 | 159 | 163 | 167 | 167 | 167 | 167 | 167 | 159 | 144 | 151 | 159 |     | 155 | 148 | 129 | 121 | 121 | 121 | 151              |     |  |  |
| 30Q        | 125 | 132 | 144 | 151 | 159 | 170 | 174 | 167 | 159 | 167 | 167 | 170 | 170 | 167 | 163 | 167 | 163 | 163 |     | 159 | 148 | 136 | 132 | 130 | 126 | 155              |     |  |  |
| 31         | 133 | 141 | 152 | 151 | 163 | 167 | 178 | 174 | 170 | 167 | 167 | 167 | 159 | 159 | 159 | 159 | 151 | 140 |     | 140 | 136 | 121 | 110 | 117 | 121 | 150              |     |  |  |
| Средн      | 138 | 143 | 149 | 161 | 171 | 168 | 171 | 172 | 175 | 177 | 168 | 158 | 161 | 158 | 159 | 152 | 150 | 148 |     | 146 | 142 | 134 | 131 | 132 | 136 | 154              |     |  |  |
| Средн<br>Q | 131 | 136 | 146 | 155 | 158 | 163 | 163 | 165 | 165 | 171 | 169 | 167 | 165 | 165 | 165 | 165 | 165 | 164 |     | 159 | 153 | 138 | 132 | 129 | 127 | 155              |     |  |  |
| Средн<br>D | 149 | 153 | 156 | 183 | 198 | 176 | 165 | 171 | 191 | 194 | 146 | 106 | 137 | 148 | 150 | 129 | 116 | 108 |     | 119 | 125 | 127 | 125 | 132 | 143 | 148              |     |  |  |

Станция Уэлен

Арктический и Антарктический научно-исследовательский институт

М-34

Год 1969 месяц августэлемент Z = 53400γ<sup>+</sup>

|            | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  |  | 19  | 20  | 21  | 22  | 23  | 24  | СРЕДНЕ<br>СУТОЧН |  |  |
|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|-----|-----|-----|-----|-----|-----|------------------|--|--|
| 1 Q        | 137 | 141 | 141 | 141 | 149 | 153 | 153 | 149 | 149 | 149 | 153 | 149 | 133 | 121 | 129 | 137 | 145 | 149 |  | 149 | 149 | 149 | 149 | 149 | 145 | 144              |  |  |
| 2          | 145 | 145 | 145 | 145 | 145 | 145 | 145 | 141 | 141 | 141 | 141 | 141 | 141 | 141 | 141 | 133 | 137 | 141 |  | 141 | 141 | 137 | 133 | 133 | 133 | 140              |  |  |
| 3 D        | 137 | 141 | 141 | 145 | 145 | 137 | 141 | 141 | 145 | 172 | 168 | 141 | 117 | 133 | 117 | 90  | 110 | 117 |  | 86  | 75  | 90  | 98  | 117 | 121 | 126              |  |  |
| 4          | 133 | 156 | 164 | 184 | 188 | 195 | 176 | 164 | 164 | 172 | 172 | 160 | 156 | 149 | 137 | 117 | 82  | 90  |  | 98  | 102 | 117 | 129 | 145 | 145 | 146              |  |  |
| 5          | 137 | 149 | 156 | 172 | 184 | 203 | 171 | 152 | 144 | 148 | 148 | 140 | 93  | 120 | 136 | 136 | 128 | 136 |  | 144 | 152 | 152 | 152 | 152 | 155 | 148              |  |  |
| 6          | 152 | 155 | 175 | 175 | 171 | 171 | 163 | 155 | 152 | 148 | 148 | 152 | 148 | 140 | 140 | 140 | 140 | 144 |  | 148 | 148 | 148 | 140 | 144 | 144 | 152              |  |  |
| 7          | 144 | 144 | 148 | 148 | 148 | 152 | 163 | 167 | 163 | 152 | 148 | 148 | 148 | 101 | 58  | 93  | 109 | 120 |  | 128 | 124 | 124 | 124 | 124 | 136 | 134              |  |  |
| 8          | 140 | 155 | 159 | 152 | 148 | 140 | 140 | 155 | 175 | 183 | 171 | 132 | 128 | 120 | 124 | 136 | 136 | 136 |  | 136 | 136 | 140 | 140 | 140 | 144 | 144              |  |  |
| 9          | 144 | 155 | 155 | 175 | 171 | 155 | 148 | 152 | 167 | 159 | 148 | 136 | 132 | 101 | 85  | 109 | 140 | 140 |  | 132 | 132 | 140 | 136 | 144 | 152 | 142              |  |  |
| 10         | 152 | 155 | 159 | 163 | 167 | 175 | 183 | 187 | 214 | 163 | 159 | 163 | 155 | 132 | 101 | 101 | 128 | 144 |  | 148 | 152 | 148 | 140 | 140 | 144 | 153              |  |  |
| 11 Q       | 144 | 140 | 140 | 140 | 140 | 140 | 140 | 140 | 140 | 140 | 144 | 144 | 140 | 140 | 140 | 140 | 140 | 136 |  | 132 | 128 | 132 | 132 | 140 | 144 | 139              |  |  |
| 12 D       | 132 | 140 | 152 | 163 | 179 | 206 | 198 | 183 | 198 | 171 | 140 | 23  | 42  | 77  | 77  | 124 | 101 | 3   |  | 50  | 116 | 144 | 140 | 140 | 140 | 127              |  |  |
| 13         | 140 | 144 | 140 | 140 | 155 | 152 | 155 | 152 | 152 | 132 | 144 | 140 | 140 | 136 | 128 | 136 | 140 | 140 |  | 132 | 128 | 132 | 132 | 136 | 140 | 140              |  |  |
| 14         | 144 | 148 | 144 | 148 | 152 | 152 | 163 | 178 | 162 | 174 | 162 | 131 | 76  | 96  | 127 | 139 | 139 | 139 |  | 131 | 131 | 135 | 139 | 139 | 139 | 141              |  |  |
| 15         | 147 | 147 | 147 | 147 | 147 | 147 | 143 | 147 | 147 | 143 | 143 | 139 | 139 | 139 | 143 | 143 | 147 | 143 |  | 143 | 139 | 139 | 139 | 139 | 139 | 143              |  |  |
| 16         | 139 | 143 | 139 | 135 | 139 | 139 | 139 | 143 | 143 | 143 | 143 | 143 | 139 | 135 | 139 | 143 | 138 | 122 |  | 122 | 122 | 126 | 134 | 138 | 138 | 137              |  |  |
| 17         | 142 | 146 | 153 | 169 | 177 | 181 | 185 | 192 | 192 | 185 | 165 | 161 | 153 | 146 | 142 | 142 | 138 | 134 |  | 130 | 126 | 122 | 126 | 130 | 138 | 153              |  |  |
| 18         | 138 | 142 | 150 | 150 | 142 | 138 | 142 | 142 | 142 | 140 | 146 | 142 | 126 | 25  | 60  | 110 | 126 |     |  | 126 | 126 | 126 | 130 | 138 | 142 | 129              |  |  |
| 19 D       | 134 | 138 | 146 | 153 | 150 | 161 | 165 | 157 | 161 | 181 | 150 | 138 | 103 | 79  | 110 | 130 | 79  | 44  |  | 68  | 56  | 60  | 72  | 95  | 138 | 120              |  |  |
| 20         | 134 | 142 | 150 | 165 | 169 | 165 | 188 | 200 | 212 | 192 | 188 | 169 | 153 | 99  | 114 | 142 | 142 | 142 |  | 146 | 146 | 142 | 146 | 146 | 146 | 156              |  |  |
| 21         | 150 | 150 | 150 | 150 | 157 | 153 | 146 | 138 | 142 | 142 | 142 | 138 | 138 | 122 | 99  | 99  | 68  | 83  |  | 114 | 126 | 130 | 130 | 134 | 138 | 131              |  |  |
| 22         | 138 | 142 | 142 | 138 | 138 | 142 | 138 | 138 | 138 | 138 | 142 | 150 | 138 | 126 | 130 | 130 | 130 | 130 |  | 118 | 122 | 126 | 130 | 130 | 134 | 134              |  |  |
| 23         | 134 | 134 | 138 | 138 | 153 | 153 | 150 | 157 | 169 | 173 | 138 | 134 | 114 | 118 | 91  | 114 | 138 | 138 |  | 138 | 138 | 138 | 142 | 146 | 153 | 139              |  |  |
| 24         | 153 | 157 | 146 | 150 | 150 | 146 | 146 | 142 | 142 | 142 | 146 | 134 | 114 | 110 | 122 | 130 | 138 | 138 |  | 134 | 122 | 126 | 130 | 138 | 142 | 137              |  |  |
| 25 Q       | 142 | 146 | 150 | 153 | 153 | 150 | 146 | 146 | 142 | 142 | 142 | 138 | 138 | 138 | 138 | 138 | 138 | 138 |  | 142 | 138 | 138 | 138 | 138 | 142 | 142              |  |  |
| 26 D       | 142 | 146 | 146 | 142 | 138 | 138 | 142 | 142 | 142 | 146 | 126 | 134 | 64  | 68  | 122 | 134 | 142 | 146 |  | 142 | 138 | 138 | 134 | 130 | 126 | 132              |  |  |
| 27 D       | 134 | 134 | 161 | 200 | 212 | 212 | 169 | 150 | 169 | 157 | 146 | 99  | 72  | 118 | 95  | 68  | 72  | 114 |  | 130 | 114 | 130 | 142 | 150 | 153 | 138              |  |  |
| 28         | 161 | 161 | 165 | 161 | 165 | 177 | 169 | 173 | 161 | 157 | 146 | 142 | 142 | 134 | 126 | 122 | 114 | 114 |  | 110 | 110 | 118 | 126 | 138 | 150 | 143              |  |  |
| 29 Q       | 153 | 153 | 150 | 150 | 146 | 146 | 142 | 142 | 142 | 142 | 142 | 142 | 146 | 146 | 134 | 126 | 134 | 138 |  | 138 | 146 | 146 | 146 | 146 | 146 | 143              |  |  |
| 30 Q       | 146 | 146 | 146 | 146 | 142 | 146 | 150 | 153 | 146 | 142 | 142 | 138 | 138 | 118 | 110 | 126 | 134 | 142 |  | 142 | 138 | 138 | 138 | 138 | 142 | 139              |  |  |
| 31         | 138 | 142 | 142 | 142 | 142 | 138 | 142 | 153 | 161 | 161 | 157 | 146 | 142 | 142 | 142 | 142 | 138 | 118 |  | 122 | 130 | 134 | 134 | 134 | 146 | 141              |  |  |
| Средн      | 142 | 146 | 150 | 154 | 157 | 158 | 156 | 156 | 159 | 156 | 150 | 138 | 127 | 122 | 117 | 123 | 138 | 124 |  | 126 | 127 | 131 | 133 | 137 | 142 | 140              |  |  |
| Средн<br>Q | 144 | 145 | 145 | 146 | 146 | 147 | 146 | 146 | 144 | 143 | 145 | 142 | 139 | 133 | 130 | 133 | 138 | 141 |  | 141 | 140 | 141 | 141 | 142 | 144 | 142              |  |  |
| Средн<br>D | 136 | 140 | 149 | 161 | 165 | 163 | 163 | 155 | 163 | 165 | 146 | 107 | 80  | 95  | 104 | 109 | 101 | 85  |  | 95  | 100 | 112 | 117 | 126 | 136 | 128              |  |  |

Станция Уэлен

Арктический и Антарктический научно-исследовательский институт

М 34

Год 1969 месяц сентябрьЭлемент  $D = 14^{\circ}30'0''$ 

о = — Е = —

| число           | 1   | 2   | 3   | 4   | 5   | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 18   | 18 | 19   | 20   | 21   | 22   | 23   | 24   | Средне-<br>суточн | Время | Макси-<br>мум | Мини-<br>мум | Время | Ампли-<br>туда | Хар.<br>0,12 | Числен-<br>ная ха-<br>рактер | Особ.<br>явления | Сумма |  |
|-----------------|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|----|------|------|------|------|------|------|-------------------|-------|---------------|--------------|-------|----------------|--------------|------------------------------|------------------|-------|--|
| 1 <sup>Q</sup>  | 4   | 4   | 4   | 6   | 9   | 9    | 11   | 11   | 13   | 12   | 12   | 12   | 13   | 14   | 15   | 16   | 19   | 20   |    | 23   | 23   | 21   | 15   | 11   | 8    | 12.7              |       |               |              |       |                |              |                              |                  |       |  |
| 2 <sup>Q</sup>  | 7   | 6   | 6   | 7   | 10  | 11   | 11   | 11   | 11   | 11   | 11   | 12   | 12   | 15   | 15   | 15   | 17   | 19   |    | 21   | 22   | 21   | 17   | 13   | 9    | 12.9              |       |               |              |       |                |              |                              |                  |       |  |
| 3               | 7   | 6   | 7   | 8   | 9   | 10   | 11   | 11   | 11   | 12   | 12   | 11   | 15   | 13   | 15   | 17   | 19   | 22   |    | 23   | 23   | 21   | 13   | 14   | 12   | 13.4              |       |               |              |       |                |              |                              |                  |       |  |
| 4               | 9   | 7   | 6   | 6   | 6   | 9    | 11   | 11   | 12   | 12   | 14   | 13   | 15   | 15   | 15   | 18   | 19   | 23   |    | 24   | 23   | 19   | 14   | 11   | 9    | 13.4              |       |               |              |       |                |              |                              |                  |       |  |
| 5               | 11  | 11  | 10  | 9   | 9   | 10   | 10   | 10   | 11   | 11   | 11   | 17   | 20   | 13   | 13   | 29   | 19   | 22   |    | 20   | 14   | 14   | 12   | 10   | 3    | 13.3              |       |               |              |       |                |              |                              |                  |       |  |
| 6 <sup>D</sup>  | 1   | 7   | 4   | 5   | 8   | 10   | 16   | 7    | 10   | 11   | 15   | 22   | 14   | 15   | 14   | 11   | 17   | 16   |    | 16   | 18   | 17   | 8    | 7    | 8    | 11.5              |       |               |              |       |                |              |                              |                  |       |  |
| 7               | 8   | 7   | 7   | 9   | 11  | 11   | 12   | 14   | 11   | 9    | 12   | 16   | 16   | 14   | 14   | 11   | 11   | 17   |    | 14   | 15   | 15   | 13   | 8    | 3    | 11.6              |       |               |              |       |                |              |                              |                  |       |  |
| 8               | 3   | 4   | 4   | 5   | 9   | 12   | 18   | -4   | -2   | 7    | 15   | 9    | 11   | 12   | 5    | 15   | 19   | 16   |    | 19   | 18   | 15   | 12   | 10   | 7    | 10.0              |       |               |              |       |                |              |                              |                  |       |  |
| 9               | 7   | 6   | 6   | 9   | 11  | 13   | 24   | 12   | 10   | 11   | 12   | 19   | 4    | 9    | 23   | 29   | 21   | 21   |    | 22   | 19   | 15   | 12   | 9    | 5    | 13.7              |       |               |              |       |                |              |                              |                  |       |  |
| 10              | 5   | 7   | 6   | 7   | 11  | 11   | 11   | 11   | 11   | 12   | 13   | 13   | 13   | 11   | 11   | 17   | 18   | 19   |    | 19   | 19   | 18   | 11   | 11   | 11   | 12.3              |       |               |              |       |                |              |                              |                  |       |  |
| 11              | 11  | 6   | 6   | 7   | 6   | 8    | 11   | 8    | 7    | 11   | 11   | 12   | 11   | 7    | 17   | 15   | 15   | 17   |    | 15   | 9    | 13   | 13   | 10   | 8    | 10.6              |       |               |              |       |                |              |                              |                  |       |  |
| 12              | 8   | 7   | 9   | 10  | 11  | 15   | 13   | 12   | 12   | 16   | 12   | 12   | 13   | 14   | 14   | 15   | 18   | 18   |    | 19   | 18   | 17   | 15   | 12   | 10   | 13.3              |       |               |              |       |                |              |                              |                  |       |  |
| 13 <sup>Q</sup> | 9   | 9   | 10  | 10  | 11  | 11   | 11   | 12   | 15   | 14   | 11   | 14   | 14   | 14   | 14   | 15   | 16   | 19   |    | 19   | 19   | 17   | 15   | 14   | 13   | 13.6              |       |               |              |       |                |              |                              |                  |       |  |
| 14              | 11  | 9   | 7   | 8   | 11  | 11   | 11   | 11   | 12   | 14   | 17   | 14   | 15   | 17   | 17   | 18   | 22   | 24   |    | 24   | 19   | 11   | 3    | 1    | 6    | 13.0              |       |               |              |       |                |              |                              |                  |       |  |
| 15              | 6   | 8   | 7   | 7   | 3   | 0    | 6    | 7    | 1    | 5    | 10   | 10   | 14   | 15   | 27   | 31   | 47   | 43   |    | 29   | 20   | 15   | 11   | 7    | 4    | 13.9              |       |               |              |       |                |              |                              |                  |       |  |
| 16              | 2   | 3   | 4   | 7   | 7   | 7    | 9    | 10   | 11   | 11   | 12   | 12   | 14   | 15   | 14   | 15   | 16   | 17   |    | 17   | 17   | 17   | 15   | 12   | 11   | 11.5              |       |               |              |       |                |              |                              |                  |       |  |
| 17              | 9   | 9   | 9   | 9   | 17  | 11   | 11   | 11   | 12   | 11   | 11   | 11   | 14   | 17   | 15   | 23   | 25   | 25   |    | 27   | 20   | 18   | 16   | 13   | 9    | 14.7              |       |               |              |       |                |              |                              |                  |       |  |
| 18 <sup>D</sup> | 7   | 6   | 5   | 7   | 7   | 6    | 10   | 9    | 10   | 12   | 15   | 20   | 17   | 20   | 18   | 19   | 17   | 11   |    | 6    | 19   | 18   | 11   | 9    | 8    | 12.0              |       |               |              |       |                |              |                              |                  |       |  |
| 19              | 7   | 5   | 4   | 6   | 6   | 13   | 12   | 11   | 11   | 14   | 14   | 13   | 12   | 13   | 14   | 15   | 15   | 17   |    | 17   | 17   | 15   | 14   | 12   | 11   | 12.0              |       |               |              |       |                |              |                              |                  |       |  |
| 20              | 9   | 7   | 7   | 8   | 9   | 10   | 10   | 11   | 12   | 12   | 11   | 12   | 7    | 17   | 13   | 7    | 23   | 14   |    | 19   | 19   | 17   | 16   | 12   | 11   | 12.2              |       |               |              |       |                |              |                              |                  |       |  |
| 21              | 9   | 7   | 7   | 7   | 9   | 11   | 12   | 12   | 19   | 12   | 11   | 12   | 12   | 12   | 12   | 12   | 13   | 15   |    | 17   | 18   | 16   | 14   | 12   | 11   | 12.2              |       |               |              |       |                |              |                              |                  |       |  |
| 22 <sup>G</sup> | 7   | 7   | 7   | 7   | 8   | 11   | 16   | 14   | 12   | 11   | 11   | 14   | 13   | 14   | 15   | 15   | 15   | 15   |    | 17   | 17   | 18   | 16   | 14   | 13   | 12.8              |       |               |              |       |                |              |                              |                  |       |  |
| 23              | 11  | 9   | 9   | 10  | 11  | 11   | 12   | 12   | 12   | 12   | 12   | 14   | 14   | 10   | 18   | 26   | 19   | 15   |    | 19   | 19   | 11   | 5    | 7    | 10   | 12.8              |       |               |              |       |                |              |                              |                  |       |  |
| 24              | 10  | 10  | 10  | 9   | 7   | 9    | 9    | 10   | 11   | 11   | 14   | 10   | 12   | 15   | 15   | 15   | 17   | 19   |    | 19   | 19   | 18   | 15   | 14   | 11   | 12.9              |       |               |              |       |                |              |                              |                  |       |  |
| 25              | 9   | 8   | 7   | 7   | 6   | 9    | 13   | 12   | 11   | 11   | 12   | 13   | 13   | 13   | 15   | 11   | 19   | 20   |    | 19   | 17   | 13   | 9    | 12   | 10   | 12.0              |       |               |              |       |                |              |                              |                  |       |  |
| 26 <sup>Q</sup> | 10  | 9   | 9   | 9   | 11  | 11   | 11   | 10   | 10   | 12   | 11   | 11   | 12   | 14   | 15   | 15   | 16   | 17   |    | 18   | 19   | 19   | 15   | 15   | 13   | 13.0              |       |               |              |       |                |              |                              |                  |       |  |
| 27              | 11  | 11  | 10  | 11  | 10  | 11   | 11   | 12   | 12   | 12   | 13   | 13   | 13   | 14   | 14   | 14   | 15   | 17   |    | 18   | 19   | 15   | 17   | 12   | 8    | 13.0              |       |               |              |       |                |              |                              |                  |       |  |
| 28 <sup>D</sup> | 11  | 7   | 8   | 9   | 10  | 10   | 10   | 9    | 11   | 6    | 8    | 12   | 25   | 14   | 29   | 31   | 27   | 17   |    | 17   | 26   | 22   | 9    | 3    | 5    | 14.0              |       |               |              |       |                |              |                              |                  |       |  |
| 29 <sup>D</sup> | 6   | 7   | 6   | 7   | 9   | 9    | 7    | 7    | 14   | 36   | 10   | -18  | 11   | -7   | -7   | 55   | 62   | 44   |    | 31   | 19   | 11   | 15   | 8    | 6    | 14.5              |       |               |              |       |                |              |                              |                  |       |  |
| 30 <sup>D</sup> | 15  | 14  | 9   | 5   | 3   | 3    | 1    | 8    | -13  | -13  | -10  | -16  | -11  | 24   | 10   | 27   | 15   | 14   |    | 11   | 21   | 15   | 14   | 12   | 11   | 7.0               |       |               |              |       |                |              |                              |                  |       |  |
| 31              |     |     |     |     |     |      |      |      |      |      |      |      |      |      |      |      |      |      |    |      |      |      |      |      |      |                   |       |               |              |       |                |              |                              |                  |       |  |
| среч.           | 8.0 | 7.4 | 7.0 | 7.7 | 8.8 | 9.8  | 11.4 | 10.1 | 10.0 | 11.3 | 11.4 | 11.3 | 12.6 | 13.4 | 14.6 | 19.1 | 20.4 | 19.8 |    | 19.3 | 18.8 | 16.4 | 12.8 | 10.5 | 8.8  | 12.5              |       |               |              |       |                |              |                              |                  |       |  |
| сумма           | 7.4 | 7.0 | 7.2 | 7.8 | 9.8 | 10.6 | 12.0 | 11.6 | 12.2 | 12.0 | 11.2 | 12.6 | 12.8 | 14.2 | 14.8 | 15.2 | 16.6 | 18.0 |    | 19.6 | 20.0 | 19.2 | 15.6 | 13.4 | 11.2 | 13.0              |       |               |              |       |                |              |                              |                  |       |  |
| D               | 8.0 | 8.2 | 6.4 | 6.6 | 7.4 | 7.6  | 8.8  | 8.0  | 6.4  | 10.4 | 7.6  | 4.0  | 11.2 | 13.2 | 12.8 | 28.6 | 27.6 | 20.4 |    | 16.2 | 20.6 | 16.6 | 11.4 | 7.8  | 7.6  | 11.8              |       |               |              |       |                |              |                              |                  |       |  |

ПРИМЕЧАНИЯ:

Обработка

Контроль

Станция Уэлен

Арктический и Антарктический научно-исследовательский институт

Год 1969 месяц сентябрьэлемент H=14000+

|            | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12   | 13   | 14   | 15   | 16   | 17   | 18   |  | 19   | 20  | 21  | 22  | 23  | 24  | средне<br>суточн |  |  |
|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|--|------|-----|-----|-----|-----|-----|------------------|--|--|
| 1Q         | 129 | 140 | 151 | 163 | 155 | 159 | 167 | 167 | 163 | 163 | 167 | 163  | 167  | 163  | 163  | 163  | 167  | 167  |  | 159  | 144 | 136 | 129 | 129 | 132 | 154              |  |  |
| 2Q         | 136 | 144 | 151 | 159 | 159 | 163 | 167 | 174 | 174 | 170 | 167 | 167  | 167  | 167  | 163  | 167  | 167  | 163  |  | 159  | 144 | 132 | 129 | 129 | 132 | 156              |  |  |
| 3          | 140 | 140 | 148 | 155 | 159 | 167 | 167 | 170 | 170 | 174 | 178 | 174  | 159  | 167  | 163  | 167  | 159  | 159  |  | 159  | 148 | 144 | 140 | 140 | 144 | 158              |  |  |
| 4          | 144 | 151 | 151 | 151 | 151 | 159 | 163 | 163 | 167 | 170 | 174 | 174  | 174  | 174  | 163  | 159  | 155  | 155  |  | 148  | 144 | 144 | 144 | 148 | 148 | 157              |  |  |
| 5          | 144 | 144 | 148 | 155 | 159 | 163 | 174 | 174 | 174 | 174 | 178 | 182  | 132  | -92  | -423 | -222 | -103 | -125 |  | 167  | 106 | 121 | 144 | 106 | 110 | 89               |  |  |
| 6D         | 121 | 155 | 167 | 163 | 197 | 220 | 197 | 167 | 159 | 174 | 148 | 151  | 151  | 148  | 159  | 151  | 144  | 151  |  | 136  | 140 | 136 | 117 | 136 | 148 | 156              |  |  |
| 7          | 144 | 140 | 136 | 144 | 151 | 155 | 159 | 174 | 205 | 220 | 174 | 159  | 136  | 129  | 144  | 129  | 113  | 136  |  | 87   | 87  | 121 | 129 | 117 | 125 | 142              |  |  |
| 8          | 132 | 148 | 159 | 197 | 254 | 250 | 334 | 182 | 205 | 250 | 224 | 136  | 129  | 125  | 51   | 113  | 72   | 155  |  | 148  | 144 | 140 | 140 | 144 | 140 | 166              |  |  |
| 9          | 140 | 140 | 136 | 151 | 155 | 163 | 151 | 155 | 159 | 159 | 163 | 163  | 121  | 72   | 45   | 53   | 68   | 144  |  | 163  | 155 | 144 | 136 | 136 | 132 | 134              |  |  |
| 10         | 140 | 155 | 163 | 151 | 151 | 159 | 159 | 155 | 155 | 155 | 155 | 159  | 155  | 155  | 140  | 151  | 151  | 144  |  | 132  | 136 | 132 | 132 | 136 | 140 | 148              |  |  |
| 11         | 140 | 129 | 129 | 155 | 159 | 159 | 167 | 182 | 227 | 182 | 155 | 132  | 75   | 151  | 148  | 155  | 155  | 151  |  | 136  | 113 | 121 | 132 | 136 | 136 | 147              |  |  |
| 12         | 144 | 144 | 148 | 159 | 151 | 151 | 160 | 160 | 164 | 156 | 164 | 164  | 160  | 160  | 152  | 156  | 156  | 152  |  | 145  | 145 | 145 | 137 | 137 | 141 | 152              |  |  |
| 13Q        | 145 | 149 | 152 | 156 | 152 | 152 | 160 | 160 | 164 | 164 | 164 | 156  | 156  | 160  | 160  | 160  | 156  | 152  |  | 152  | 149 | 145 | 137 | 137 | 145 | 153              |  |  |
| 14         | 149 | 149 | 145 | 137 | 149 | 152 | 160 | 164 | 168 | 168 | 160 | 160  | 160  | 160  | 160  | 168  | 160  | 163  |  | 159  | 125 | 83  | 83  | 98  | 121 | 146              |  |  |
| 15         | 144 | 174 | 262 | 224 | 163 | 186 | 224 | 254 | 288 | 288 | 174 | 132  | 106  | 83   | -12  | -160 | -232 | -141 |  | 121  | 155 | 144 | 129 | 121 | 125 | 123              |  |  |
| 16         | 117 | 129 | 148 | 159 | 178 | 163 | 178 | 170 | 163 | 155 | 155 | 144  | 144  | 151  | 151  | 155  | 148  | 144  |  | 148  | 148 | 144 | 140 | 144 | 144 | 151              |  |  |
| 17         | 144 | 144 | 144 | 151 | 155 | 159 | 163 | 167 | 167 | 182 | 174 | 224  | 205  | 174  | 91   | 136  | 170  | 159  |  | 129  | 132 | 136 | 140 | 136 | 136 | 155              |  |  |
| 18D        | 144 | 151 | 151 | 159 | 178 | 170 | 170 | 178 | 170 | 174 | 170 | 178  | 151  | 144  | 87   | 87   | 132  | -96  |  | 72   | 129 | 102 | 106 | 125 | 125 | 132              |  |  |
| 19         | 140 | 136 | 132 | 163 | 174 | 167 | 174 | 167 | 163 | 167 | 163 | 163  | 151  | 151  | 155  | 151  | 151  | 151  |  | 151  | 144 | 140 | 144 | 132 | 132 | 153              |  |  |
| 20         | 136 | 136 | 148 | 151 | 159 | 159 | 163 | 167 | 174 | 155 | 163 | 167  | 102  | 125  | 75   | 30   | 125  | 79   |  | 136  | 148 | 144 | 132 | 132 | 136 | 135              |  |  |
| 21         | 144 | 144 | 140 | 151 | 159 | 159 | 163 | 163 | 167 | 167 | 170 | 167  | 167  | 167  | 167  | 148  | 149  | 149  |  | 156  | 149 | 149 | 145 | 145 | 130 | 155              |  |  |
| 22Q        | 137 | 141 | 145 | 149 | 152 | 160 | 160 | 168 | 168 | 168 | 175 | 160  | 160  | 160  | 160  | 160  | 164  | 160  |  | 160  | 156 | 152 | 152 | 152 | 152 | 157              |  |  |
| 23         | 149 | 145 | 145 | 152 | 156 | 160 | 168 | 164 | 168 | 168 | 175 | 175  | 179  | 114  | 95   | 130  | 152  | 122  |  | 130  | 137 | 111 | 84  | 122 | 149 | 144              |  |  |
| 24         | 145 | 152 | 152 | 156 | 168 | 160 | 171 | 164 | 164 | 171 | 183 | 168  | 160  | 156  | 156  | 156  | 152  | 149  |  | 149  | 141 | 137 | 137 | 141 | 145 | 156              |  |  |
| 25         | 145 | 137 | 149 | 152 | 137 | 160 | 175 | 168 | 160 | 160 | 160 | 160  | 160  | 160  | 152  | 54   | 84   | 141  |  | 137  | 126 | 122 | 130 | 133 | 130 | 141              |  |  |
| 26Q        | 137 | 145 | 145 | 145 | 152 | 156 | 171 | 164 | 175 | 175 | 164 | 160  | 160  | 160  | 156  | 156  | 152  | 152  |  | 152  | 149 | 145 | 145 | 137 | 137 | 154              |  |  |
| 27         | 141 | 141 | 141 | 149 | 152 | 156 | 160 | 160 | 163 | 163 | 163 | 163  | 168  | 168  | 168  | 160  | 156  | 156  |  | 152  | 149 | 145 | 130 | 130 | 141 | 153              |  |  |
| 28D        | 152 | 152 | 152 | 156 | 168 | 175 | 183 | 183 | 198 | 244 | 190 | 114  | 73   | -26  | -148 | 84   | 114  | 0    |  | -110 | 95  | 122 | 69  | 92  | 122 | 106              |  |  |
| 29D        | 130 | 137 | 152 | 156 | 175 | 206 | 206 | 296 | 198 | 76  | 160 | -26  | -68  | -296 | -543 | -592 | -121 | -24  |  | -26  | 46  | 156 | 152 | 38  | -45 | 23               |  |  |
| 30D        | 251 | 331 | 316 | 308 | 236 | 209 | 236 | 285 | -64 | 50  | -57 | -368 | -554 | -224 | -429 | -41  | -129 | -144 |  | -68  | 69  | 114 | 152 | 145 | 145 | 32               |  |  |
| 31         |     |     |     |     |     |     |     |     |     |     |     |      |      |      |      |      |      |      |  |      |     |     |     |     |     |                  |  |  |
| Средн      | 143 | 151 | 157 | 163 | 165 | 169 | 178 | 179 | 169 | 171 | 162 | 137  | 117  | 107  | 62   | 83   | 103  | 109  |  | 121  | 132 | 134 | 131 | 128 | 130 | 138              |  |  |
| Средн<br>Q | 137 | 144 | 149 | 154 | 154 | 158 | 165 | 167 | 169 | 168 | 167 | 161  | 162  | 162  | 160  | 161  | 161  | 159  |  | 156  | 148 | 142 | 138 | 137 | 140 | 155              |  |  |
| Средн<br>D | 160 | 185 | 188 | 188 | 191 | 196 | 198 | 222 | 132 | 144 | 122 | 10   | -49  | -51  | -175 | -62  | 28   | -23  |  | 1    | 96  | 126 | 119 | 107 | 99  | 90               |  |  |

Станция Уэлен

Арктический и Антарктический научно-исследовательский институт

М-34

Год 1969 месяц сентябрьэлемент Z=53400γ+...

|            | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17   | 18   |  | 19  | 20  | 21  | 22  | 23  | 24  | Средне<br>суточн |  |  |
|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|--|-----|-----|-----|-----|-----|-----|------------------|--|--|
| 1Q         | 147 | 143 | 139 | 147 | 151 | 147 | 147 | 147 | 147 | 143 | 139 | 139 | 139 | 139 | 139 | 139 | 143  | 147  |  | 147 | 143 | 139 | 139 | 139 | 147 | 143              |  |  |
| 2Q         | 147 | 147 | 139 | 139 | 139 | 139 | 139 | 139 | 143 | 143 | 139 | 139 | 139 | 135 | 139 | 139 | 139  | 143  |  | 143 | 143 | 139 | 139 | 139 | 139 | 140              |  |  |
| 3          | 143 | 143 | 139 | 135 | 131 | 135 | 135 | 135 | 135 | 135 | 135 | 147 | 147 | 139 | 139 | 139 | 139  | 139  |  | 139 | 139 | 131 | 131 | 139 | 139 | 138              |  |  |
| 4          | 143 | 143 | 143 | 148 | 148 | 148 | 148 | 144 | 140 | 140 | 140 | 140 | 140 | 132 | 120 | 128 | 128  | 128  |  | 128 | 132 | 128 | 132 | 132 | 136 | 137              |  |  |
| 5          | 136 | 140 | 136 | 136 | 136 | 132 | 136 | 140 | 148 | 152 | 159 | 144 | 89  | 19  | 81  | 198 | 128  | 89   |  | 136 | 116 | 93  | 132 | 155 | 167 | 129              |  |  |
| 6D         | 179 | 159 | 171 | 194 | 179 | 194 | 202 | 194 | 171 | 171 | 140 | 70  | 124 | 112 | 132 | 140 | 128  | 140  |  | 148 | 140 | 140 | 140 | 132 | 136 | 152              |  |  |
| 7          | 145 | 156 | 149 | 149 | 145 | 145 | 144 | 155 | 190 | 187 | 167 | 97  | 77  | 109 | 128 | 128 | 132  | 124  |  | 93  | 66  | 89  | 116 | 148 | 163 | 133              |  |  |
| 8          | 167 | 171 | 175 | 198 | 230 | 218 | 179 | 105 | 140 | 183 | 179 | 155 | 136 | 140 | 116 | 101 | 132  | 152  |  | 155 | 159 | 163 | 163 | 162 | 162 | 160              |  |  |
| 9          | 158 | 162 | 158 | 154 | 151 | 154 | 170 | 162 | 154 | 154 | 154 | 139 | 37  | -13 | 18  | 22  | 57   | 119  |  | 131 | 143 | 151 | 154 | 154 | 158 | 125              |  |  |
| 10         | 162 | 162 | 162 | 162 | 154 | 154 | 147 | 147 | 147 | 143 | 143 | 143 | 147 | 139 | 104 | 104 | 119  | 123  |  | 115 | 123 | 131 | 131 | 139 | 147 | 140              |  |  |
| 11         | 151 | 162 | 182 | 189 | 178 | 178 | 177 | 196 | 231 | 208 | 173 | 153 | 122 | 64  | 79  | 134 | 142  | 138  |  | 134 | 107 | 99  | 126 | 138 | 142 | 150              |  |  |
| 12         | 146 | 153 | 146 | 146 | 153 | 161 | 159 | 150 | 146 | 153 | 150 | 138 | 130 | 130 | 130 | 138 | 138  | 138  |  | 138 | 138 | 146 | 146 | 146 | 146 | 144              |  |  |
| 13Q        | 146 | 146 | 146 | 146 | 146 | 146 | 142 | 142 | 142 | 138 | 142 | 138 | 138 | 142 | 142 | 142 | 142  | 142  |  | 138 | 138 | 142 | 146 | 142 | 142 | 142              |  |  |
| 14         | 142 | 146 | 146 | 146 | 142 | 142 | 142 | 142 | 142 | 150 | 118 | 130 | 122 | 122 | 126 | 130 | 130  | 122  |  | 118 | 118 | 107 | 99  | 107 | 130 | 130              |  |  |
| 15         | 150 | 208 | 243 | 208 | 196 | 200 | 220 | 236 | 232 | 225 | 166 | 151 | 123 | 69  | 45  | 2   | -118 | -79  |  | -13 | 115 | 147 | 158 | 158 | 162 | 129              |  |  |
| 16         | 170 | 162 | 162 | 178 | 182 | 182 | 201 | 197 | 197 | 178 | 162 | 147 | 135 | 139 | 143 | 147 | 147  | 147  |  | 147 | 143 | 143 | 143 | 143 | 143 | 160              |  |  |
| 17         | 143 | 147 | 143 | 139 | 139 | 139 | 139 | 136 | 139 | 143 | 154 | 158 | 158 | 158 | 123 | 84  | 127  | 135  |  | 123 | 96  | 96  | 115 | 127 | 135 | 133              |  |  |
| 18D        | 131 | 139 | 147 | 158 | 158 | 162 | 162 | 154 | 170 | 170 | 147 | 100 | 69  | 108 | 76  | 57  | 92   | 37   |  | 30  | 61  | 108 | 123 | 131 | 147 | 118              |  |  |
| 19         | 151 | 162 | 162 | 166 | 186 | 186 | 162 | 147 | 147 | 154 | 154 | 147 | 111 | 108 | 115 | 127 | 135  | 139  |  | 143 | 143 | 147 | 147 | 151 | 147 | 147              |  |  |
| 20         | 147 | 147 | 147 | 147 | 151 | 151 | 154 | 170 | 162 | 135 | 151 | 147 | 100 | 73  | 53  | 37  | 49   | 61   |  | 92  | 131 | 143 | 147 | 147 | 147 | 125              |  |  |
| 21         | 147 | 147 | 147 | 147 | 154 | 154 | 153 | 146 | 153 | 138 | 138 | 146 | 146 | 142 | 138 | 130 | 126  | 130  |  | 134 | 150 | 146 | 150 | 142 | 146 | 144              |  |  |
| 22Q        | 146 | 150 | 150 | 150 | 153 | 153 | 153 | 153 | 153 | 153 | 153 | 146 | 146 | 146 | 146 | 142 | 142  | 146  |  | 146 | 146 | 146 | 142 | 146 | 145 | 148              |  |  |
| 23         | 145 | 145 | 145 | 141 | 141 | 141 | 141 | 141 | 141 | 141 | 141 | 141 | 141 | 78  | -7  | 55  | 109  | 90   |  | 82  | 90  | 113 | 102 | 109 | 133 | 117              |  |  |
| 24         | 141 | 145 | 141 | 145 | 141 | 149 | 149 | 152 | 149 | 152 | 164 | 160 | 149 | 141 | 145 | 145 | 145  | 141  |  | 145 | 145 | 145 | 145 | 145 | 145 | 147              |  |  |
| 25         | 149 | 149 | 145 | 152 | 164 | 160 | 176 | 160 | 152 | 145 | 145 | 145 | 145 | 141 | 113 | 55  | 24   | 94   |  | 129 | 137 | 129 | 125 | 125 | 133 | 133              |  |  |
| 26Q        | 137 | 141 | 145 | 149 | 145 | 141 | 145 | 152 | 152 | 137 | 145 | 145 | 145 | 141 | 141 | 141 | 141  | 141  |  | 141 | 141 | 145 | 145 | 140 | 140 | 143              |  |  |
| 27         | 140 | 140 | 140 | 136 | 140 | 136 | 140 | 140 | 136 | 136 | 136 | 136 | 136 | 136 | 132 | 136 | 132  | 128  |  | 132 | 132 | 132 | 128 | 116 | 116 | 134              |  |  |
| 28D        | 112 | 120 | 128 | 136 | 136 | 136 | 136 | 132 | 140 | 190 | 175 | 3   | -67 | 140 | 27  | -16 | 70   | 77   |  | 27  | 19  | 77  | 101 | 116 | 124 | 93               |  |  |
| 29D        | 136 | 151 | 155 | 163 | 175 | 186 | 186 | 194 | 85  | -75 | -63 | 206 | 183 | 315 | 389 | 222 | -24  | -51  |  | 46  | 34  | 101 | 144 | 144 | 183 | 133              |  |  |
| 30D        | 167 | 144 | 151 | 198 | 222 | 240 | 226 | 101 | -75 | 3   | 116 | 66  | 58  | 46  | 155 | -20 | -133 | -129 |  | -20 | 46  | 116 | 136 | 148 | 151 | 87               |  |  |
| 31         |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |      |  |     |     |     |     |     |     |                  |  |  |
| Средн      | 147 | 151 | 153 | 157 | 159 | 159 | 160 | 154 | 147 | 144 | 142 | 134 | 119 | 120 | 118 | 108 | 99   | 98   |  | 112 | 118 | 128 | 135 | 139 | 145 | 135              |  |  |
| Средн<br>Q | 145 | 145 | 144 | 146 | 147 | 145 | 145 | 147 | 147 | 143 | 144 | 141 | 141 | 141 | 141 | 141 | 141  | 144  |  | 143 | 142 | 142 | 142 | 141 | 143 | 143              |  |  |
| Средн<br>D | 145 | 143 | 150 | 170 | 174 | 178 | 182 | 155 | 98  | 92  | 103 | 89  | 73  | 144 | 156 | 77  | 27   | 15   |  | 46  | 60  | 108 | 129 | 134 | 148 | 116              |  |  |

Станция Уэлен

Арктический и Антарктический научно-исследовательский институт

М 34

Год 1969 месяц октябрьЭлемент D=14°30'0"+...

о = \_\_\_\_\_ Е = \_\_\_\_\_

| число      | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 18   | 18   | 19   | 20   | 21   | 22   | 23   | 24   | Средне-<br>суточн. | Время | Макси-<br>мум | Мини-<br>мум | Время | Ампли-<br>туда | Хар.<br>0,12 | Числен-<br>ная ха-<br>рактер. | Особ.<br>явления | Сумма |
|------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--------------------|-------|---------------|--------------|-------|----------------|--------------|-------------------------------|------------------|-------|
| D          | 9    | 7    | 6    | 7    | 8    | 10   | 20   | 11   | 10   | 15   | -1   | 14   | 9    | 14   | 16   | 10   | 6    | 14   | 19   | 17   | 12   | 6    | 6    | 10   | 10.6 |                    |       |               |              |       |                |              |                               |                  |       |
| 2D         | 7    | 8    | 7    | 7    | 7    | 11   | 14   | 15   | 14   | 23   | 14   | 7    | 12   | 27   | 28   | 45   | 34   | 13   | 13   | 17   | 16   | 15   | 15   | 12   | 15.9 |                    |       |               |              |       |                |              |                               |                  |       |
| 3D         | 11   | 7    | 8    | 9    | 11   | 15   | 11   | 11   | 12   | 20   | 12   | 15   | 13   | 14   | 9    | 14   | 12   | 7    | 14   | 19   | 17   | 17   | 15   | 12   | 12.7 |                    |       |               |              |       |                |              |                               |                  |       |
| 4          | 11   | 11   | 7    | 7    | 7    | 15   | 14   | 15   | 14   | -14  | 11   | 11   | 6    | 26   | 39   | 19   | 7    | 7    | 10   | 14   | 15   | 11   | 7    | 7    | 11.5 |                    |       |               |              |       |                |              |                               |                  |       |
| 5          | 9    | 8    | 9    | 7    | 9    | 11   | 11   | 12   | 13   | 15   | 15   | 11   | 9    | 14   | 15   | 14   | 13   | 14   | 14   | 13   | 14   | 12   | 14   | 13   | 12.0 |                    |       |               |              |       |                |              |                               |                  |       |
| 6D         | 11   | 9    | 7    | 8    | 6    | 7    | 9    | 10   | 12   | 12   | 18   | 14   | 13   | 11   | 14   | 14   | 7    | 3    | 11   | 13   | 12   | 11   | 13   | 12   | 10.7 |                    |       |               |              |       |                |              |                               |                  |       |
| 7          | 11   | 7    | 7    | 7    | 7    | 8    | 11   | 18   | 14   | 9    | 13   | 11   | 12   | 14   | 13   | 14   | 12   | 14   | 16   | 19   | 19   | 16   | 15   | 15   | 12.6 |                    |       |               |              |       |                |              |                               |                  |       |
| 8Q         | 14   | 12   | 11   | 11   | 11   | 11   | 11   | 12   | 12   | 11   | 12   | 13   | 14   | 12   | 16   | 15   | 14   | 15   | 15   | 15   | 17   | 15   | 14   | 11   | 13.1 |                    |       |               |              |       |                |              |                               |                  |       |
| 9          | 10   | 9    | 8    | 8    | 10   | 11   | 13   | 11   | 12   | 12   | 13   | 13   | 15   | 13   | 12   | 12   | 15   | 17   | 18   | 19   | 15   | 9    | 9    | 11   | 12.3 |                    |       |               |              |       |                |              |                               |                  |       |
| 10D        | 10   | 7    | 6    | 3    | 6    | 10   | 9    | 11   | 11   | 10   | 7    | 14   | 9    | 15   | 16   | 12   | 23   | 22   | 11   | 7    | 2    | 0    | 11   | 11   | 10.1 |                    |       |               |              |       |                |              |                               |                  |       |
| 11         | 9    | 7    | 6    | 9    | 9    | 8    | 10   | 11   | 11   | 15   | 12   | 15   | 19   | 17   | 21   | 15   | 15   | 19   | 20   | 18   | 16   | 11   | 12   | 13   | 13.2 |                    |       |               |              |       |                |              |                               |                  |       |
| 12         | 10   | 10   | 7    | 11   | 11   | 11   | 12   | 31   | 12   | 13   | 13   | 15   | 19   | 24   | 15   | 19   | 28   | 20   | 15   | 16   | 15   | 14   | 15   | 14   | 15.4 |                    |       |               |              |       |                |              |                               |                  |       |
| 13         | 12   | 11   | 11   | 11   | 11   | 11   | 12   | 15   | 12   | 11   | 22   | 15   | 16   | 18   | 14   | 15   | 16   | 18   | 19   | 15   | 15   | 15   | 14   | 13   | 14.2 |                    |       |               |              |       |                |              |                               |                  |       |
| 14D        | 11   | 10   | 8    | 10   | 11   | 11   | 12   | 12   | 12   | 12   | 13   | 13   | 14   | 14   | 15   | 15   | 15   | 14   | 15   | 15   | 14   | 14   | 14   | 13   | 12.8 |                    |       |               |              |       |                |              |                               |                  |       |
| 15D        | 11   | 10   | 9    | 9    | 10   | 11   | 13   | 11   | 12   | 10   | 15   | 20   | 15   | 15   | 18   | 17   | 15   | 13   | 15   | 16   | 15   | 15   | 14   | 14   | 13.5 |                    |       |               |              |       |                |              |                               |                  |       |
| 16         | 12   | 11   | 11   | 11   | 11   | 11   | 17   | 13   | 11   | 12   | 12   | 14   | 15   | 16   | 16   | 17   | 13   | 22   | 22   | 18   | 11   | 14   | 11   | 11   | 13.5 |                    |       |               |              |       |                |              |                               |                  |       |
| 17         | 9    | 10   | 11   | 9    | 11   | 11   | 11   | 11   | 11   | 12   | 12   | 13   | 14   | 15   | 15   | 15   | 15   | 16   | 17   | 19   | 20   | 15   | 8    | 3    | 12.6 |                    |       |               |              |       |                |              |                               |                  |       |
| 18         | 7    | 10   | 11   | 10   | 11   | 10   | 10   | 10   | 7    | 10   | -3   | 23   | 17   | 15   | 15   | 15   | 15   | 15   | 16   | 18   | 19   | 18   | 15   | 15   | 12.9 |                    |       |               |              |       |                |              |                               |                  |       |
| 19         | 11   | 10   | 8    | 9    | 12   | 12   | 8    | 8    | 12   | 11   | 12   | 15   | 25   | 27   | 17   | 15   | 16   | 14   | 15   | 15   | 16   | 16   | 14   | 12   | 13.8 |                    |       |               |              |       |                |              |                               |                  |       |
| 20         | 11   | 11   | 10   | 9    | 10   | 11   | 11   | 12   | 12   | 11   | 12   | 13   | 13   | 14   | 15   | 15   | 15   | 15   | 16   | 17   | 16   | 16   | 15   | 14   | 13.1 |                    |       |               |              |       |                |              |                               |                  |       |
| 21         | 11   | 11   | 11   | 11   | 11   | 11   | 11   | 10   | 13   | 15   | 12   | 12   | 11   | 14   | 15   | 11   | 22   | 20   | 17   | 19   | 18   | 15   | 10   | 11   | 13.4 |                    |       |               |              |       |                |              |                               |                  |       |
| 22         | 11   | 11   | 11   | 11   | 10   | 7    | 11   | 11   | 12   | 18   | 14   | 15   | 12   | 9    | 14   | 16   | 17   | 12   | 14   | 17   | 16   | 16   | 15   | 14   | 13.1 |                    |       |               |              |       |                |              |                               |                  |       |
| 23         | 12   | 12   | 12   | 11   | 12   | 11   | 11   | 12   | 12   | 13   | 13   | 13   | 13   | 14   | 14   | 14   | 15   | 15   | 16   | 19   | 17   | 12   | 13   | 12   | 13.2 |                    |       |               |              |       |                |              |                               |                  |       |
| 24         | 11   | 11   | 5    | 4    | 10   | 7    | 5    | 2    | 7    | 11   | 13   | 15   | 24   | 19   | 16   | 16   | 15   | 15   | 19   | 15   | 15   | 17   | 14   | 14   | 12.5 |                    |       |               |              |       |                |              |                               |                  |       |
| 25         | 12   | 12   | 12   | 11   | 11   | 11   | 11   | 12   | 13   | 14   | 15   | 14   | 15   | 15   | 14   | 14   | 14   | 15   | 15   | 17   | 19   | 14   | 14   | 12   | 13.6 |                    |       |               |              |       |                |              |                               |                  |       |
| 26Q        | 11   | 11   | 11   | 11   | 11   | 11   | 11   | 10   | 11   | 12   | 12   | 13   | 14   | 14   | 14   | 14   | 15   | 15   | 15   | 17   | 19   | 19   | 16   | 13   | 13.3 |                    |       |               |              |       |                |              |                               |                  |       |
| 27         | 11   | 10   | 9    | 10   | 11   | 11   | 11   | 11   | 11   | 15   | 12   | 12   | 13   | 16   | 20   | 16   | 17   | 17   | 18   | 20   | 15   | 7    | 10   | 9    | 13.0 |                    |       |               |              |       |                |              |                               |                  |       |
| 28         | 7    | 7    | 6    | 7    | 10   | 12   | 11   | 11   | 12   | 11   | 13   | 14   | 13   | 15   | 14   | 14   | 11   | 17   | 19   | 17   | 19   | 12   | 14   | 13   | 12.5 |                    |       |               |              |       |                |              |                               |                  |       |
| 29         | 12   | 11   | 9    | 9    | 9    | 11   | 12   | 12   | 11   | 12   | 12   | 13   | 14   | 14   | 14   | 14   | 15   | 15   | 16   | 15   | 15   | 14   | 13   | 13   | 12.7 |                    |       |               |              |       |                |              |                               |                  |       |
| 30Q        | 12   | 11   | 11   | 11   | 11   | 12   | 12   | 13   | 12   | 12   | 12   | 13   | 12   | 14   | 14   | 15   | 15   | 15   | 15   | 16   | 17   | 16   | 15   | 14   | 13.3 |                    |       |               |              |       |                |              |                               |                  |       |
| 31         | 12   | 11   | 11   | 9    | 10   | 11   | 9    | 11   | 11   | 8    | 15   | 16   | 12   | 17   | 19   | 16   | 15   | 15   | 17   | 17   | 17   | 17   | 15   | 15   | 13.6 |                    |       |               |              |       |                |              |                               |                  |       |
| средн.     | 10.6 | 9.8  | 8.9  | 8.9  | 9.8  | 10.7 | 11.4 | 12.1 | 11.6 | 12.0 | 12.2 | 13.8 | 13.9 | 16.0 | 16.4 | 15.7 | 15.4 | 14.9 | 15.9 | 16.4 | 15.6 | 13.5 | 12.9 | 12.1 | 12.9 |                    |       |               |              |       |                |              |                               |                  |       |
| Q<br>сумма | 11.8 | 10.8 | 10.0 | 10.4 | 10.8 | 11.2 | 11.8 | 11.6 | 11.8 | 11.4 | 12.8 | 14.4 | 13.8 | 13.8 | 15.4 | 15.2 | 14.8 | 14.4 | 15.0 | 15.8 | 16.4 | 15.8 | 14.6 | 13.0 | 13.2 |                    |       |               |              |       |                |              |                               |                  |       |
| D          | 9.6  | 7.6  | 6.8  | 6.8  | 7.6  | 10.6 | 12.6 | 11.6 | 11.8 | 16.0 | 10.0 | 12.8 | 11.2 | 16.2 | 16.6 | 19.0 | 16.4 | 11.8 | 13.6 | 14.6 | 11.8 | 9.8  | 12.0 | 11.4 | 12.0 |                    |       |               |              |       |                |              |                               |                  |       |

ПРИМЕЧАНИЯ:

Обработка

Контроль

Станция Уэлен

Арктический и Антарктический научно-исследовательский институт

М-34

Год 1969 месяц октябрьэлемент H=14000 + ...

|            | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11   | 12   | 13   | 14  | 15   | 16   | 17   | 18  |  | 19  | 20  | 21  | 22  | 23  | 24  | средне<br>суточн |  |  |
|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|-----|------|------|------|-----|--|-----|-----|-----|-----|-----|-----|------------------|--|--|
| 1D         | 152 | 133 | 141 | 164 | 160 | 152 | 187 | 171 | 187 | 145 | 46   | -53  | -3   | 114 | 130  | 46   | 35   | 92  |  | 130 | 149 | 130 | 103 | 118 | 134 | 115              |  |  |
| 2D         | 142 | 138 | 157 | 157 | 157 | 165 | 153 | 142 | 150 | 153 | 153  | 74   | -128 | -75 | -192 | -139 | -37  | 112 |  | 96  | 146 | 153 | 153 | 146 | 142 | 88               |  |  |
| 3D         | 138 | 131 | 142 | 146 | 157 | 150 | 153 | 157 | 153 | 165 | 153  | 146  | 142  | 138 | 134  | 150  | 146  | 70  |  | 62  | 146 | 146 | 142 | 138 | 138 | 139              |  |  |
| 4          | 134 | 134 | 127 | 153 | 153 | 165 | 199 | 260 | 404 | -97 | -128 | -265 | -113 | 24  | -371 | -401 | -299 | 93  |  | 114 | 138 | 161 | 153 | 146 | 142 | 43               |  |  |
| 5          | 131 | 134 | 138 | 153 | 153 | 157 | 157 | 161 | 161 | 153 | 161  | 146  | 127  | 146 | 146  | 146  | 153  | 149 |  | 138 | 138 | 146 | 146 | 142 | 133 | 147              |  |  |
| 6D         | 134 | 138 | 138 | 142 | 157 | 161 | 169 | 188 | 165 | 161 | 146  | 146  | 96   | 58  | 51   | -10  | 17   | 9   |  | 66  | 115 | 134 | 146 | 138 | 138 | 117              |  |  |
| 7          | 138 | 153 | 150 | 138 | 146 | 180 | 165 | 169 | 169 | 153 | 157  | 153  | 146  | 157 | 157  | 157  | 150  | 146 |  | 146 | 150 | 146 | 142 | 138 | 134 | 152              |  |  |
| 8Q         | 131 | 131 | 138 | 146 | 150 | 153 | 157 | 161 | 161 | 161 | 165  | 169  | 165  | 164 | 160  | 160  | 156  | 152 |  | 137 | 147 | 152 | 149 | 141 | 133 | 152              |  |  |
| 9          | 134 | 138 | 142 | 148 | 151 | 155 | 155 | 155 | 159 | 159 | 163  | 159  | 159  | 159 | 155  | 155  | 159  | 159 |  | 159 | 129 | 159 | 121 | 151 | 151 | 151              |  |  |
| 10D        | 148 | 159 | 159 | 144 | 182 | 186 | 178 | 163 | 197 | 227 | 113  | 148  | -42  | 37  | 106  | 57   | 54   | 118 |  | 133 | 73  | 76  | 118 | 149 | 145 | 126              |  |  |
| 11         | 137 | 133 | 137 | 145 | 160 | 160 | 164 | 179 | 179 | 175 | 145  | 149  | 92   | -45 | 111  | 107  | 141  | 141 |  | 145 | 145 | 145 | 137 | 141 | 145 | 136              |  |  |
| 12         | 149 | 141 | 145 | 145 | 164 | 160 | 164 | 152 | 160 | 164 | 160  | 137  | 50   | -13 | -90  | -5   | 80   | 152 |  | 149 | 160 | 156 | 152 | 152 | 149 | 122              |  |  |
| 13         | 145 | 145 | 145 | 149 | 156 | 160 | 160 | 156 | 164 | 168 | 168  | 137  | 145  | 156 | 160  | 149  | 149  | 149 |  | 152 | 145 | 152 | 152 | 149 | 145 | 152              |  |  |
| 14Q        | 141 | 145 | 152 | 160 | 164 | 164 | 164 | 164 | 164 | 164 | 164  | 164  | 168  | 168 | 164  | 160  | 155  | 151 |  | 144 | 140 | 144 | 144 | 144 | 140 | 156              |  |  |
| 15Q        | 140 | 140 | 144 | 151 | 159 | 159 | 151 | 163 | 170 | 170 | 159  | 170  | 155  | 155 | 156  | 160  | 160  | 156 |  | 152 | 160 | 160 | 156 | 156 | 151 | 156              |  |  |
| 16         | 144 | 144 | 148 | 151 | 159 | 163 | 156 | 168 | 171 | 168 | 168  | 168  | 168  | 164 | 160  | 152  | 137  | 118 |  | 141 | 149 | 152 | 152 | 152 | 149 | 154              |  |  |
| 17         | 141 | 141 | 149 | 151 | 155 | 155 | 159 | 163 | 159 | 159 | 163  | 167  | 167  | 167 | 167  | 167  | 163  | 163 |  | 163 | 159 | 155 | 140 | 117 | 136 | 155              |  |  |
| 18         | 132 | 136 | 140 | 144 | 155 | 167 | 167 | 167 | 193 | 189 | 129  | 163  | 167  | 159 | 160  | 156  | 156  | 156 |  | 152 | 152 | 152 | 156 | 152 | 152 | 156              |  |  |
| 19         | 156 | 152 | 149 | 160 | 168 | 168 | 179 | 183 | 183 | 175 | 175  | 164  | 99   | 99  | 130  | 160  | 149  | 145 |  | 149 | 149 | 152 | 149 | 145 | 141 | 153              |  |  |
| 20         | 137 | 137 | 141 | 149 | 160 | 160 | 164 | 160 | 160 | 160 | 160  | 164  | 164  | 164 | 160  | 160  | 160  | 160 |  | 152 | 149 | 141 | 141 | 149 | 141 | 154              |  |  |
| 21         | 145 | 145 | 149 | 156 | 164 | 168 | 168 | 171 | 171 | 190 | 175  | 168  | 168  | 164 | 160  | 126  | 130  | 130 |  | 149 | 149 | 149 | 141 | 137 | 141 | 155              |  |  |
| 22         | 149 | 149 | 152 | 152 | 160 | 160 | 164 | 168 | 168 | 168 | 168  | 168  | 160  | 122 | 160  | 160  | 145  | 133 |  | 145 | 149 | 149 | 145 | 149 | 152 | 154              |  |  |
| 23         | 152 | 149 | 149 | 152 | 160 | 160 | 160 | 164 | 164 | 164 | 168  | 160  | 164  | 164 | 160  | 164  | 160  | 156 |  | 156 | 156 | 156 | 141 | 145 | 141 | 157              |  |  |
| 24         | 141 | 145 | 137 | 137 | 160 | 164 | 179 | 240 | 228 | 244 | 168  | 156  | 160  | 137 | 160  | 141  | 152  | 156 |  | 145 | 149 | 152 | 149 | 145 | 141 | 162              |  |  |
| 25         | 149 | 152 | 152 | 152 | 152 | 145 | 160 | 160 | 160 | 156 | 156  | 160  | 160  | 164 | 164  | 163  | 163  | 163 |  | 159 | 155 | 148 | 140 | 144 | 144 | 155              |  |  |
| 26Q        | 136 | 140 | 145 | 152 | 156 | 160 | 160 | 164 | 160 | 164 | 160  | 164  | 160  | 160 | 160  | 164  | 160  | 160 |  | 160 | 156 | 152 | 145 | 137 | 133 | 154              |  |  |
| 27         | 141 | 149 | 156 | 160 | 164 | 168 | 168 | 171 | 160 | 171 | 164  | 164  | 168  | 130 | 168  | 168  | 160  | 164 |  | 160 | 160 | 126 | 130 | 137 | 130 | 156              |  |  |
| 28         | 141 | 141 | 137 | 152 | 160 | 160 | 168 | 168 | 168 | 164 | 164  | 160  | 164  | 160 | 164  | 152  | 133  | 149 |  | 145 | 141 | 141 | 145 | 141 | 137 | 152              |  |  |
| 29         | 133 | 137 | 149 | 152 | 156 | 160 | 160 | 160 | 160 | 160 | 160  | 160  | 164  | 164 | 164  | 164  | 160  | 156 |  | 152 | 141 | 145 | 145 | 145 | 145 | 154              |  |  |
| 30Q        | 141 | 145 | 149 | 156 | 160 | 160 | 160 | 160 | 164 | 160 | 160  | 160  | 160  | 160 | 160  | 160  | 160  | 156 |  | 156 | 152 | 149 | 149 | 149 | 149 | 156              |  |  |
| 31         | 152 | 152 | 149 | 149 | 152 | 160 | 160 | 160 | 160 | 149 | 152  | 92   | -7   | 42  | 114  | 145  | 152  | 156 |  | 152 | 152 | 152 | 149 | 141 | 137 | 136              |  |  |
| Средн      | 141 | 142 | 145 | 151 | 158 | 161 | 165 | 170 | 177 | 160 | 146  | 133  | 114  | 118 | 113  | 109  | 118  | 156 |  | 141 | 145 | 146 | 143 | 143 | 142 | 142              |  |  |
| Средн<br>Q | 138 | 140 | 146 | 153 | 158 | 159 | 158 | 162 | 164 | 164 | 162  | 165  | 162  | 161 | 160  | 161  | 158  | 155 |  | 150 | 151 | 151 | 149 | 145 | 141 | 155              |  |  |
| Средн<br>D | 143 | 140 | 147 | 151 | 163 | 163 | 168 | 164 | 170 | 170 | 122  | 92   | 13   | 54  | 46   | 21   | 43   | 80  |  | 97  | 126 | 128 | 132 | 138 | 139 | 117              |  |  |

Станция Узлек

Арктический и Антарктический научно-исследовательский институт

М-34

Год 1969 месяц октябрьэлемент Z=53400†...

|            | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15   | 16   | 17   | 18  |  | 19  | 20  | 21  | 22  | 23  | 24  | Средне<br>суточн |  |  |
|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|-----|--|-----|-----|-----|-----|-----|-----|------------------|--|--|
| 1D         | 174 | 190 | 198 | 202 | 198 | 198 | 209 | 202 | 217 | 159 | 38  | 34  | -44 | 73  | 108  | 108  | 135  | 128 |  | 143 | 147 | 159 | 166 | 166 | 170 | 145              |  |  |
| 2D         | 186 | 186 | 198 | 206 | 198 | 202 | 190 | 186 | 186 | 170 | 159 | 116 | -32 | -87 | -153 | -192 | -122 | 65  |  | 120 | 139 | 159 | 170 | 173 | 173 | 108              |  |  |
| 3D         | 173 | 177 | 181 | 181 | 177 | 185 | 185 | 181 | 177 | 169 | 162 | 154 | 142 | 142 | 130  | 138  | 154  | 123 |  | 84  | 138 | 154 | 162 | 169 | 173 | 159              |  |  |
| 4          | 177 | 197 | 201 | 189 | 185 | 208 | 220 | 236 | 91  | 91  | 49  | 123 | 29  | 68  | -92  | -65  | -22  | 115 |  | 162 | 154 | 162 | 173 | 181 | 189 | 126              |  |  |
| 5          | 177 | 173 | 173 | 177 | 177 | 177 | 177 | 173 | 181 | 193 | 185 | 162 | 130 | 123 | 142  | 154  | 158  | 162 |  | 158 | 146 | 142 | 146 | 154 | 165 | 163              |  |  |
| 6D         | 169 | 173 | 177 | 185 | 193 | 201 | 208 | 240 | 201 | 185 | 134 | 115 | 115 | 49  | -6   | 37   | 56   | -22 |  | -6  | 37  | 84  | 127 | 150 | 162 | 124              |  |  |
| 7          | 173 | 177 | 181 | 193 | 185 | 197 | 201 | 193 | 173 | 158 | 169 | 165 | 150 | 153 | 161  | 164  | 164  | 161 |  | 161 | 164 | 164 | 172 | 172 | 168 | 172              |  |  |
| 8Q         | 168 | 168 | 172 | 172 | 172 | 172 | 173 | 173 | 177 | 173 | 173 | 173 | 174 | 159 | 135  | 139  | 143  | 140 |  | 144 | 136 | 148 | 160 | 171 | 171 | 162              |  |  |
| 9          | 176 | 176 | 176 | 176 | 177 | 173 | 173 | 173 | 173 | 169 | 166 | 166 | 166 | 166 | 158  | 162  | 162  |     |  | 166 | 158 | 162 | 146 | 142 | 154 | 166              |  |  |
| 10D        | 154 | 158 | 166 | 181 | 205 | 228 | 232 | 205 | 205 | 177 | 64  | 142 | 40  | 16  | 94   | 67   | 36   | 55  |  | 94  | 63  | 102 | 130 | 157 | 168 | 131              |  |  |
| 11         | 176 | 188 | 180 | 180 | 184 | 192 | 215 | 223 | 208 | 192 | 94  | 137 | 114 | 12  | 63   | 118  | 153  | 157 |  | 157 | 165 | 168 | 168 | 165 | 172 | 158              |  |  |
| 12         | 172 | 180 | 195 | 183 | 183 | 179 | 179 | 191 | 167 | 199 | 199 | 179 | 109 | 82  | 47   | -12  | 43   | 117 |  | 156 | 167 | 179 | 179 | 179 | 179 | 151              |  |  |
| 13         | 175 | 175 | 179 | 175 | 171 | 175 | 175 | 179 | 171 | 175 | 191 | 160 | 152 | 152 | 160  | 152  | 144  | 140 |  | 136 | 148 | 148 | 164 | 167 | 171 | 164              |  |  |
| 14Q        | 175 | 179 | 180 | 176 | 172 | 172 | 172 | 172 | 172 | 168 | 168 | 168 | 168 | 165 | 161  | 161  | 165  | 161 |  | 157 | 141 | 145 | 149 | 157 | 165 | 165              |  |  |
| 15Q        | 165 | 168 | 168 | 172 | 172 | 168 | 176 | 176 | 176 | 180 | 180 | 161 | 153 | 149 | 153  | 157  | 157  | 161 |  | 157 | 157 | 161 | 165 | 168 | 168 | 165              |  |  |
| 16         | 165 | 165 | 168 | 168 | 165 | 165 | 168 | 165 | 165 | 165 | 165 | 165 | 161 | 161 | 157  | 149  | 130  | 75  |  | 102 | 110 | 90  | 102 | 126 | 141 | 146              |  |  |
| 17         | 153 | 161 | 161 | 165 | 165 | 168 | 168 | 169 | 169 | 169 | 173 | 166 | 162 | 162 | 162  | 162  | 162  | 162 |  | 166 | 166 | 162 | 162 | 166 | 158 | 164              |  |  |
| 18         | 166 | 181 | 173 | 173 | 173 | 173 | 185 | 197 | 216 | 232 | 119 | 146 | 173 | 169 | 165  | 165  | 165  | 165 |  | 168 | 168 | 168 | 165 | 165 | 164 | 172              |  |  |
| 19         | 160 | 164 | 164 | 164 | 160 | 160 | 164 | 183 | 222 | 191 | 195 | 164 | 78  | 93  | 109  | 156  | 152  | 156 |  | 152 | 156 | 160 | 164 | 167 | 167 | 158              |  |  |
| 20         | 167 | 171 | 171 | 171 | 167 | 167 | 167 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 160  | 160  | 164  | 160 |  | 164 | 160 | 156 | 152 | 156 | 156 | 163              |  |  |
| 21         | 160 | 164 | 165 | 165 | 165 | 165 | 165 | 168 | 200 | 219 | 208 | 180 | 168 | 165 | 161  | 130  | 70   | 113 |  | 140 | 144 | 148 | 152 | 160 | 160 | 160              |  |  |
| 22         | 164 | 164 | 164 | 164 | 164 | 171 | 175 | 175 | 175 | 187 | 179 | 171 | 164 | 125 | 125  | 148  | 148  | 148 |  | 144 | 148 | 156 | 164 | 167 | 164 | 161              |  |  |
| 23         | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 160 | 160 | 161  | 161  | 157  | 161 |  | 161 | 158 | 157 | 161 | 153 | 157 | 161              |  |  |
| 24         | 161 | 165 | 168 | 172 | 180 | 211 | 219 | 274 | 297 | 289 | 211 | 172 | 168 | 122 | 149  | 145  | 149  | 157 |  | 153 | 165 | 165 | 168 | 172 | 172 | 184              |  |  |
| 25         | 168 | 168 | 165 | 168 | 168 | 176 | 172 | 168 | 168 | 168 | 168 | 165 | 161 | 157 | 157  | 161  | 161  | 157 |  | 161 | 161 | 161 | 165 | 161 | 165 | 165              |  |  |
| 26Q        | 168 | 168 | 168 | 168 | 165 | 165 | 165 | 180 | 184 | 172 | 165 | 165 | 161 | 161 | 161  | 161  | 161  | 165 |  | 165 | 165 | 165 | 168 | 165 | 165 | 166              |  |  |
| 27         | 165 | 165 | 165 | 165 | 165 | 165 | 165 | 165 | 172 | 176 | 172 | 165 | 157 | 118 | 122  | 149  | 145  | 149 |  | 149 | 153 | 157 | 137 | 141 | 145 | 155              |  |  |
| 28         | 157 | 168 | 172 | 172 | 172 | 172 | 172 | 180 | 180 | 180 | 172 | 168 | 165 | 161 | 157  | 141  | 109  | 117 |  | 140 | 144 | 136 | 140 | 151 | 159 | 158              |  |  |
| 29         | 163 | 166 | 166 | 167 | 167 | 167 | 164 | 164 | 167 | 167 | 167 | 164 | 164 | 160 | 163  | 163  | 159  | 163 |  | 163 | 163 | 159 | 155 | 159 | 159 | 163              |  |  |
| 30Q        | 159 | 163 | 163 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 160 | 160  | 160  | 160  | 164 |  | 164 | 164 | 164 | 164 | 164 | 164 | 163              |  |  |
| 31         | 160 | 160 | 160 | 164 | 167 | 167 | 171 | 187 | 199 | 203 | 187 | 148 | 82  | 66  | 75   | 122  | 122  | 157 |  | 165 | 168 | 168 | 168 | 168 | 165 | 154              |  |  |
| Средн      | 167 | 172 | 174 | 175 | 175 | 179 | 182 | 186 | 183 | 180 | 158 | 154 | 130 | 120 | 117  | 120  | 124  | 135 |  | 143 | 147 | 152 | 157 | 162 | 165 | 157              |  |  |
| Средн<br>Q | 167 | 169 | 170 | 170 | 169 | 168 | 170 | 173 | 175 | 171 | 170 | 166 | 164 | 159 | 154  | 156  | 157  | 158 |  | 157 | 153 | 157 | 161 | 165 | 167 | 164              |  |  |
| Средн<br>D | 171 | 177 | 184 | 191 | 194 | 203 | 205 | 203 | 197 | 172 | 111 | 112 | 44  | 39  | 35   | 32   | 52   | 70  |  | 87  | 105 | 132 | 151 | 163 | 169 | 133              |  |  |

Станция Уэлен  
 Год 1969 месяц ноябрь

Арктический и Антарктический научно-исследовательский институт

М 34

Элемент  $D=14^{\circ}30'0''$

$\alpha =$  \_\_\_\_\_  $E =$  \_\_\_\_\_

| число           | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 18   | 18 | 19   | 20   | 21   | 22   | 23   | 24   | Средне-<br>суточн | Время | Макси-<br>мум | Мини-<br>мум | Время | Ампли-<br>туда | Хар.<br>0,12 | Числен-<br>ная ха-<br>рактер. | Особ.<br>явления | Сумма |  |
|-----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----|------|------|------|------|------|------|-------------------|-------|---------------|--------------|-------|----------------|--------------|-------------------------------|------------------|-------|--|
| 1 <sup>Q</sup>  | 11   | 11   | 11   | 11   | 12   | 12   | 12   | 12   | 12   | 13   | 13   | 14   | 14   | 14   | 15   | 15   | 15   | 15   |    | 16   | 17   | 18   | 18   | 17   | 15   | 13.9              |       |               |              |       |                |              |                               |                  |       |  |
| 2               | 11   | 7    | 8    | 8    | 11   | 11   | 12   | 12   | 11   | 14   | 15   | 13   | 14   | 12   | 5    | 10   | 17   | 19   |    | 19   | 14   | 17   | 17   | 19   | 16   | 13.0              |       |               |              |       |                |              |                               |                  |       |  |
| 3 <sup>D</sup>  | 10   | 9    | 8    | 11   | 10   | 11   | 6    | 9    | 15   | 12   | 13   | 13   | 12   | 12   | 11   | 7    | 14   | 15   |    | 15   | 15   | 13   | 12   | 14   | 14   | 11.7              |       |               |              |       |                |              |                               |                  |       |  |
| 4               | 12   | 12   | 11   | 9    | 11   | 12   | 12   | 12   | 12   | 14   | 20   | 19   | 15   | 13   | 13   | 14   | 14   | 14   |    | 14   | 15   | 15   | 16   | 15   | 12   | 13.6              |       |               |              |       |                |              |                               |                  |       |  |
| 5               | 11   | 11   | 11   | 10   | 11   | 10   | 12   | 12   | 11   | 13   | 12   | 13   | 14   | 14   | 14   | 15   | 15   | 19   |    | 18   | 17   | 17   | 16   | 15   | 14   | 13.5              |       |               |              |       |                |              |                               |                  |       |  |
| 6 <sup>Q</sup>  | 12   | 11   | 11   | 12   | 12   | 13   | 12   | 13   | 13   | 12   | 12   | 13   | 14   | 14   | 14   | 14   | 15   | 15   |    | 16   | 17   | 18   | 16   | 15   | 15   | 13.7              |       |               |              |       |                |              |                               |                  |       |  |
| 7               | 12   | 11   | 11   | 9    | 10   | 8    | 7    | 9    | 12   | 17   | 15   | 20   | 14   | 16   | 14   | 15   | 17   | 15   |    | 13   | 15   | 9    | 7    | 5    | 9    | 12.1              |       |               |              |       |                |              |                               |                  |       |  |
| 8               | 11   | 11   | 11   | 12   | 12   | 12   | 16   | 12   | 11   | 12   | 14   | 14   | 13   | 13   | 14   | 15   | 20   | 9    |    | 15   | 8    | 14   | 6    | 4    | 6    | 11.9              |       |               |              |       |                |              |                               |                  |       |  |
| 9 <sup>D</sup>  | 8    | 11   | 11   | 12   | 11   | 19   | 9    | 17   | 12   | -3   | -41  | 19   | 20   | 7    | 54   | 35   | 19   | 14   |    | 21   | 17   | 15   | 13   | 11   | 11   | 13.4              |       |               |              |       |                |              |                               |                  |       |  |
| 10 <sup>D</sup> | 11   | 12   | 11   | 10   | 9    | 11   | 19   | 7    | 9    | 20   | 20   | 7    | -4   | 31   | 29   | 19   | 12   | 19   |    | 16   | 1    | 6    | 14   | 10   | 11   | 12.9              |       |               |              |       |                |              |                               |                  |       |  |
| 11              | 8    | 11   | 11   | 12   | 12   | 12   | 13   | 16   | 13   | 15   | 3    | 7    | 14   | 13   | 7    | -1   | 16   | 20   |    | 18   | 15   | 15   | 14   | 14   | 12   | 12.1              |       |               |              |       |                |              |                               |                  |       |  |
| 12              | 11   | 9    | 11   | 11   | 12   | 13   | 12   | 12   | 11   | 15   | 13   | 11   | 12   | 9    | 13   | 14   | 15   | 11   |    | 15   | 16   | 15   | 15   | 13   | 11   | 12.5              |       |               |              |       |                |              |                               |                  |       |  |
| 13              | 10   | 9    | 11   | 12   | 13   | 13   | 12   | 12   | 14   | 12   | 14   | 11   | 15   | 17   | 15   | 17   | 19   | 22   |    | 19   | 17   | 16   | 15   | 12   | 11   | 14.1              |       |               |              |       |                |              |                               |                  |       |  |
| 14 <sup>Q</sup> | 10   | 11   | 11   | 11   | 11   | 12   | 13   | 13   | 12   | 14   | 12   | 13   | 13   | 14   | 14   | 14   | 14   | 14   |    | 14   | 15   | 15   | 15   | 14   | 12   | 13.0              |       |               |              |       |                |              |                               |                  |       |  |
| 15 <sup>Q</sup> | 11   | 12   | 12   | 12   | 12   | 13   | 13   | 12   | 12   | 12   | 12   | 14   | 14   | 14   | 14   | 14   | 15   | 15   |    | 15   | 15   | 15   | 15   | 14   | 14   | 13.4              |       |               |              |       |                |              |                               |                  |       |  |
| 16              | 13   | 12   | 12   | 12   | 13   | 13   | 13   | 13   | 12   | 12   | 13   | 14   | 14   | 14   | 14   | 15   | 15   | 14   |    | 15   | 17   | 17   | 15   | 15   | 14   | 13.8              |       |               |              |       |                |              |                               |                  |       |  |
| 17              | 12   | 12   | 12   | 12   | 12   | 13   | 13   | 14   | 14   | 14   | 11   | 13   | 13   | 14   | 15   | 15   | 17   | 17   |    | 18   | 17   | 17   | 15   | 15   | 14   | 14.1              |       |               |              |       |                |              |                               |                  |       |  |
| 18              | 14   | 12   | 11   | 12   | 12   | 12   | 13   | 13   | 13   | 13   | 12   | 13   | 15   | 17   | 15   | 17   | 15   | 13   |    | 14   | 17   | 17   | 16   | 15   | 14   | 14.0              |       |               |              |       |                |              |                               |                  |       |  |
| 19              | 13   | 12   | 12   | 12   | 12   | 11   | 11   | 12   | 11   | 13   | 14   | 15   | 16   | 18   | 17   | 15   | 15   | 15   |    | 12   | 15   | 11   | 7    | 11   | 11   | 13.0              |       |               |              |       |                |              |                               |                  |       |  |
| 20              | 11   | 11   | 11   | 11   | 12   | 12   | 11   | 13   | 13   | 12   | 14   | 14   | 13   | 14   | 14   | 15   | 15   | 15   |    | 15   | 15   | 15   | 15   | 15   | 15   | 13.4              |       |               |              |       |                |              |                               |                  |       |  |
| 21 <sup>Q</sup> | 14   | 13   | 12   | 12   | 13   | 13   | 13   | 12   | 12   | 13   | 13   | 13   | 14   | 15   | 14   | 15   | 15   | 15   |    | 15   | 15   | 15   | 14   | 13   | 12   | 13.5              |       |               |              |       |                |              |                               |                  |       |  |
| 22              | 13   | 12   | 11   | 10   | 11   | 11   | 11   | 12   | 12   | 12   | 13   | 13   | 14   | 15   | 19   | 19   | 18   | 18   |    | 18   | 17   | 11   | 12   | 12   | 11   | 13.5              |       |               |              |       |                |              |                               |                  |       |  |
| 23              | 11   | 11   | 11   | 12   | 13   | 13   | 13   | 13   | 13   | 13   | 13   | 13   | 14   | 14   | 15   | 15   | 14   | 15   |    | 14   | 15   | 13   | 12   | 11   | 11   | 13.0              |       |               |              |       |                |              |                               |                  |       |  |
| 24              | 11   | 11   | 11   | 11   | 12   | 13   | 14   | 14   | 12   | 18   | 12   | 16   | 15   | 14   | 15   | 19   | 21   | 17   |    | 17   | 19   | 15   | 12   | 10   | 11   | 14.2              |       |               |              |       |                |              |                               |                  |       |  |
| 25              | 11   | 11   | 12   | 13   | 13   | 12   | 11   | 12   | 9    | 12   | 12   | 9    | 19   | 17   | 15   | 9    | 18   | 22   |    | 19   | 19   | 17   | 15   | 7    | 4    | 13.2              |       |               |              |       |                |              |                               |                  |       |  |
| 26              | 4    | 6    | 9    | 10   | 12   | 12   | 14   | 12   | 14   | 14   | 13   | 13   | 12   | 13   | 14   | 16   | 16   | 27   |    | 19   | 24   | 14   | 6    | 9    | 10   | 13.0              |       |               |              |       |                |              |                               |                  |       |  |
| 27 <sup>D</sup> | 11   | 11   | 12   | 11   | 9    | 15   | 14   | 12   | 12   | 29   | 25   | 11   | -1   | 21   | 15   | 23   | 19   | 19   |    | 14   | 17   | 15   | 15   | 10   | 6    | 14.4              |       |               |              |       |                |              |                               |                  |       |  |
| 28              | 6    | 9    | 10   | 11   | 9    | 12   | 11   | 14   | 20   | 15   | 14   | 12   | 13   | 13   | 13   | 14   | 14   | 15   |    | 14   | 12   | 15   | 15   | 6    | 11   | 12.4              |       |               |              |       |                |              |                               |                  |       |  |
| 29              | 10   | 11   | 11   | 12   | 13   | 14   | 11   | 13   | 15   | 13   | 17   | 12   | 11   | 6    | 17   | 18   | 15   | 17   |    | 10   | 15   | 7    | 7    | 4    | 7    | 11.9              |       |               |              |       |                |              |                               |                  |       |  |
| 30 <sup>D</sup> | 9    | 6    | 6    | 12   | 15   | 14   | 10   | 15   | 15   | 16   | 12   | 11   | 12   | 12   | 14   | 12   | 14   | 14   |    | 19   | 14   | 15   | 11   | 11   | 11   | 12.5              |       |               |              |       |                |              |                               |                  |       |  |
| 31              |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |      |      |      |      |      |      |                   |       |               |              |       |                |              |                               |                  |       |  |
| средн.          | 10.7 | 10.6 | 10.8 | 11.2 | 11.7 | 12.4 | 12.1 | 12.5 | 12.6 | 13.7 | 11.8 | 13.1 | 12.9 | 14.3 | 15.7 | 15.1 | 15.9 | 16.3 |    | 15.9 | 15.4 | 14.4 | 13.2 | 11.9 | 11.5 | 13.2              |       |               |              |       |                |              |                               |                  |       |  |
| сумма           | 11.6 | 11.6 | 11.4 | 11.6 | 12.0 | 12.6 | 12.6 | 12.4 | 12.2 | 12.8 | 12.4 | 13.4 | 13.8 | 14.2 | 14.2 | 14.4 | 14.8 | 14.8 |    | 15.2 | 15.8 | 16.2 | 15.6 | 14.6 | 13.6 | 13.5              |       |               |              |       |                |              |                               |                  |       |  |
| D               | 9.8  | 9.8  | 9.6  | 11.2 | 10.8 | 14.0 | 11.6 | 12.0 | 12.6 | 14.8 | 5.8  | 12.2 | 7.8  | 16.6 | 24.6 | 19.2 | 15.6 | 16.2 |    | 17.0 | 12.8 | 12.8 | 13.0 | 11.2 | 10.6 | 13.0              |       |               |              |       |                |              |                               |                  |       |  |

ПРИМЕЧАНИЯ:

Обработка

Контроль

Станция Уэлен

Арктический и Антарктический научно-исследовательский институт

М-34

Год 1969 месяц ноябрьэлемент H=14000†

|            | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13   | 14   | 15   | 16   | 17  | 18  |  | 19  | 20  | 21  | 22  | 23  | 24  | средне<br>суточн |  |  |
|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|-----|-----|--|-----|-----|-----|-----|-----|-----|------------------|--|--|
| 1Q         | 131 | 127 | 135 | 142 | 146 | 150 | 150 | 150 | 150 | 150 | 150 | 154 | 154  | 158  | 158  | 158  | 154 | 158 |  | 158 | 154 | 150 | 142 | 131 | 127 | 147              |  |  |
| 2          | 127 | 131 | 142 | 146 | 150 | 150 | 146 | 150 | 150 | 142 | 142 | 139 | 150  | 150  | 112  | 21   | 47  | 112 |  | 142 | 120 | 150 | 146 | 131 | 105 | 129              |  |  |
| 3D         | 113 | 128 | 135 | 146 | 161 | 177 | 196 | 222 | 218 | 135 | 139 | 142 | 139  | 131  | 66   | 1    | 126 | 157 |  | 153 | 149 | 122 | 122 | 130 | 126 | 139              |  |  |
| 4          | 126 | 130 | 141 | 138 | 134 | 145 | 153 | 149 | 157 | 134 | 134 | 141 | 157  | 145  | 146  | 150  | 150 | 146 |  | 139 | 142 | 135 | 131 | 123 | 120 | 140              |  |  |
| 5          | 120 | 126 | 135 | 146 | 154 | 154 | 154 | 154 | 150 | 150 | 154 | 158 | 154  | 154  | 142  | 104  | 150 | 158 |  | 154 | 150 | 146 | 142 | 135 | 135 | 145              |  |  |
| 6Q         | 135 | 139 | 142 | 150 | 150 | 154 | 154 | 154 | 154 | 154 | 154 | 158 | 154  | 158  | 154  | 154  | 154 | 154 |  | 150 | 150 | 150 | 150 | 142 | 146 | 151              |  |  |
| 7          | 150 | 150 | 146 | 150 | 146 | 139 | 142 | 142 | 154 | 146 | 135 | 120 | 28   | 150  | 158  | 154  | 150 | 150 |  | 146 | 146 | 127 | 120 | 123 | 131 | 138              |  |  |
| 8          | 135 | 139 | 150 | 150 | 146 | 150 | 146 | 146 | 146 | 135 | 135 | 135 | 146  | 150  | 120  | 101  | 131 | 55  |  | 70  | 104 | 120 | 127 | 139 | 139 | 130              |  |  |
| 9D         | 135 | 150 | 150 | 158 | 154 | 374 | 522 | 378 | 234 | 9   | -10 | 2   | -17  | -165 | -610 | -230 | 142 | 158 |  | 104 | 146 | 150 | 142 | 142 | 150 | 99               |  |  |
| 10D        | 150 | 146 | 146 | 150 | 146 | 161 | 241 | 184 | 196 | 241 | 294 | 150 | 97   | 139  | -55  | 28   | 25  | 51  |  | 36  | 6   | 74  | 139 | 139 | 139 | 126              |  |  |
| 11         | 146 | 142 | 142 | 146 | 142 | 146 | 146 | 139 | 158 | 158 | 123 | 101 | 154  | 142  | 51   | -10  | 150 | 146 |  | 146 | 139 | 142 | 142 | 142 | 146 | 132              |  |  |
| 12         | 131 | 123 | 142 | 150 | 150 | 150 | 154 | 154 | 150 | 142 | 154 | 146 | 142  | 139  | 146  | 146  | 135 | 104 |  | 127 | 139 | 139 | 135 | 135 | 131 | 140              |  |  |
| 13         | 135 | 139 | 142 | 150 | 154 | 154 | 154 | 154 | 154 | 158 | 158 | 165 | 150  | 158  | 146  | 142  | 135 | 127 |  | 135 | 139 | 139 | 139 | 135 | 135 | 146              |  |  |
| 14Q        | 142 | 142 | 139 | 146 | 146 | 146 | 150 | 150 | 150 | 150 | 150 | 150 | 150  | 146  | 146  | 146  | 146 | 142 |  | 142 | 139 | 139 | 139 | 139 | 135 | 145              |  |  |
| 15Q        | 135 | 135 | 142 | 146 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150  | 150  | 150  | 150  | 146 | 146 |  | 146 | 146 | 146 | 142 | 139 | 139 | 146              |  |  |
| 16         | 142 | 142 | 146 | 150 | 154 | 158 | 154 | 154 | 150 | 150 | 150 | 150 | 154  | 154  | 154  | 154  | 150 | 150 |  | 154 | 150 | 150 | 146 | 142 | 142 | 150              |  |  |
| 17         | 146 | 146 | 150 | 154 | 158 | 158 | 158 | 158 | 158 | 158 | 158 | 158 | 154  | 150  | 150  | 150  | 146 | 150 |  | 146 | 150 | 146 | 142 | 146 | 146 | 152              |  |  |
| 18         | 142 | 142 | 150 | 150 | 154 | 158 | 154 | 154 | 158 | 158 | 154 | 158 | 146  | 154  | 158  | 154  | 150 | 135 |  | 135 | 158 | 150 | 146 | 142 | 142 | 150              |  |  |
| 19         | 142 | 142 | 150 | 154 | 158 | 158 | 158 | 158 | 158 | 158 | 158 | 158 | 150  | 139  | 150  | 146  | 142 | 142 |  | 135 | 150 | 135 | 139 | 139 | 131 | 148              |  |  |
| 20         | 135 | 139 | 146 | 150 | 154 | 158 | 158 | 158 | 161 | 161 | 154 | 150 | 150  | 150  | 150  | 150  | 150 | 150 |  | 154 | 154 | 150 | 146 | 142 | 142 | 150              |  |  |
| 21Q        | 142 | 139 | 142 | 150 | 150 | 154 | 154 | 154 | 154 | 154 | 154 | 150 | 150  | 150  | 146  | 146  | 150 | 154 |  | 154 | 150 | 146 | 146 | 146 | 146 | 149              |  |  |
| 22         | 146 | 146 | 150 | 158 | 161 | 161 | 158 | 158 | 161 | 158 | 158 | 158 | 158  | 150  | 150  | 161  | 158 | 150 |  | 142 | 139 | 150 | 150 | 150 | 146 | 153              |  |  |
| 23         | 146 | 146 | 150 | 158 | 158 | 158 | 158 | 158 | 158 | 158 | 158 | 158 | 158  | 158  | 158  | 158  | 146 | 135 |  | 127 | 139 | 146 | 146 | 142 | 142 | 151              |  |  |
| 24         | 146 | 146 | 146 | 150 | 150 | 150 | 150 | 150 | 154 | 161 | 146 | 150 | 150  | 150  | 123  | 154  | 142 | 135 |  | 150 | 150 | 142 | 139 | 139 | 143 | 146              |  |  |
| 25         | 143 | 147 | 151 | 155 | 155 | 159 | 158 | 150 | 158 | 158 | 158 | 150 | 154  | 150  | 150  | 101  | 135 | 150 |  | 142 | 142 | 142 | 135 | 131 | 131 | 146              |  |  |
| 26         | 135 | 142 | 135 | 142 | 161 | 165 | 165 | 161 | 154 | 150 | 154 | 154 | 154  | 150  | 150  | 154  | 112 | 97  |  | 89  | 142 | 154 | 135 | 139 | 142 | 143              |  |  |
| 27D        | 146 | 154 | 154 | 158 | 150 | 150 | 150 | 177 | 158 | 101 | 21  | 142 | -120 | -97  | -78  | -280 | 35  | 65  |  | 43  | 115 | 149 | 153 | 141 | 126 | 80               |  |  |
| 28         | 134 | 141 | 141 | 157 | 149 | 145 | 149 | 141 | 172 | 141 | 145 | 145 | 141  | 145  | 139  | 150  | 150 | 146 |  | 142 | 139 | 146 | 123 | 116 | 135 | 143              |  |  |
| 29         | 139 | 139 | 139 | 142 | 146 | 154 | 150 | 150 | 161 | 154 | 158 | 142 | 112  | 28   | 93   | 92   | 31  | 35  |  | 31  | 96  | 88  | 111 | 139 | 127 | 115              |  |  |
| 30D        | 127 | 142 | 169 | 161 | 173 | 188 | 188 | 165 | 165 | 154 | 150 | 146 | 142  | 139  | 135  | 36   | 9   | 74  |  | 89  | 142 | 142 | 142 | 139 | 135 | 135              |  |  |
| 31         |     |     |     |     |     |     |     |     |     |     |     |     |      |      |      |      |     |     |  |     |     |     |     |     |     |                  |  |  |
| ср.дн      | 137 | 140 | 145 | 150 | 152 | 162 | 171 | 164 | 162 | 148 | 145 | 143 | 129  | 126  | 99   | 95   | 125 | 128 |  | 126 | 136 | 139 | 139 | 137 | 136 | 139              |  |  |
| ср.дн<br>Q | 137 | 136 | 140 | 147 | 148 | 151 | 152 | 152 | 152 | 152 | 152 | 152 | 152  | 152  | 151  | 151  | 150 | 151 |  | 150 | 148 | 146 | 144 | 139 | 137 | 148              |  |  |
| ср.дн<br>D | 134 | 144 | 151 | 155 | 157 | 210 | 259 | 225 | 194 | 128 | 119 | 116 | 48   | 29   | -108 | -89  | 67  | 101 |  | 85  | 112 | 127 | 140 | 138 | 135 | 116              |  |  |

Станция Узлен

Арктический и Антарктический научно-исследовательский институт

М-34

Год 1969 месяц ноябрьэлемент Z = 53400х...

|            | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11   | 12  | 13  | 14  | 15  | 16  | 17  | 18  |  | 19  | 20  | 21  | 22  | 23  | 24  | средне<br>суточн |  |  |
|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|--|-----|-----|-----|-----|-----|-----|------------------|--|--|
| 1Q         | 165 | 168 | 168 | 167 | 167 | 164 | 164 | 164 | 164 | 164 | 164  | 164 | 164 | 160 | 161 | 165 | 165 | 165 |  | 165 | 165 | 168 | 165 | 165 | 168 | 165              |  |  |
| 2          | 165 | 168 | 168 | 171 | 167 | 171 | 167 | 167 | 175 | 183 | 164  | 164 | 156 | 148 | 81  | -25 | -56 | 10  |  | 85  | 116 | 131 | 155 | 163 | 174 | 132              |  |  |
| 3D         | 186 | 194 | 174 | 174 | 182 | 237 | 256 | 281 | 234 | 171 | 175  | 168 | 165 | 118 | 90  | 48  | 87  | 141 |  | 158 | 158 | 166 | 166 | 166 | 166 | 169              |  |  |
| 4          | 169 | 169 | 172 | 172 | 172 | 168 | 172 | 180 | 180 | 168 | 161  | 149 | 137 | 137 | 137 | 153 | 157 | 157 |  | 153 | 145 | 149 | 153 | 157 | 160 | 159              |  |  |
| 5          | 164 | 164 | 164 | 171 | 167 | 171 | 171 | 175 | 175 | 175 | 171  | 164 | 160 | 156 | 136 | 74  | 101 | 140 |  | 156 | 156 | 156 | 156 | 160 | 160 | 156              |  |  |
| 6Q         | 160 | 164 | 160 | 160 | 160 | 164 | 160 | 164 | 164 | 164 | 160  | 160 | 160 | 160 | 160 | 160 | 160 | 160 |  | 160 | 160 | 160 | 160 | 160 | 160 | 161              |  |  |
| 7          | 156 | 156 | 160 | 164 | 167 | 175 | 187 | 199 | 203 | 210 | 187  | 140 | 19  | 93  | 155 | 159 | 151 | 155 |  | 155 | 159 | 155 | 147 | 147 | 155 | 156              |  |  |
| 8          | 166 | 170 | 178 | 178 | 178 | 178 | 202 | 186 | 174 | 174 | 159  | 147 | 159 | 159 | 124 | 39  | 78  | 54  |  | 23  | 62  | 89  | 125 | 156 | 171 | 139              |  |  |
| 9D         | 171 | 171 | 171 | 175 | 191 | 265 | 249 | 238 | 245 | -63 | -125 | 86  | 101 | -12 | -51 | 148 | 113 | 164 |  | 109 | 93  | 125 | 140 | 156 | 164 | 126              |  |  |
| 10D        | 164 | 167 | 166 | 170 | 174 | 178 | 248 | 237 | 202 | 233 | 217  | 147 | -36 | 10  | 53  | 128 | 139 | 108 |  | 104 | 61  | 53  | 139 | 163 | 166 | 141              |  |  |
| 11         | 174 | 170 | 170 | 170 | 170 | 166 | 170 | 174 | 170 | 170 | 155  | 85  | 139 | 151 | 100 | 39  | 97  | 140 |  | 156 | 160 | 164 | 164 | 167 | 171 | 150              |  |  |
| 12         | 175 | 175 | 175 | 175 | 175 | 175 | 175 | 171 | 175 | 175 | 175  | 171 | 160 | 152 | 152 | 164 | 156 | 129 |  | 132 | 152 | 156 | 164 | 167 | 167 | 164              |  |  |
| 13         | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 167 | 175 | 195 | 195  | 187 | 164 | 160 | 135 | 143 | 139 | 128 |  | 139 | 151 | 155 | 159 | 163 | 163 | 161              |  |  |
| 14Q        | 166 | 166 | 166 | 166 | 166 | 166 | 166 | 167 | 167 | 167 | 167  | 167 | 164 | 164 | 165 | 165 | 165 | 165 |  | 165 | 165 | 165 | 165 | 168 | 168 | 166              |  |  |
| 15Q        | 168 | 168 | 168 | 168 | 165 | 165 | 165 | 164 | 164 | 164 | 164  | 164 | 164 | 164 | 160 | 160 | 164 | 164 |  | 164 | 160 | 160 | 160 | 164 | 164 | 164              |  |  |
| 16         | 160 | 164 | 163 | 163 | 163 | 163 | 163 | 163 | 163 | 163 | 163  | 159 | 159 | 159 | 159 | 159 | 159 | 155 |  | 147 | 155 | 155 | 159 | 163 | 163 | 160              |  |  |
| 17         | 163 | 163 | 163 | 163 | 163 | 159 | 159 | 159 | 159 | 159 | 159  | 163 | 159 | 159 | 159 | 163 | 159 | 151 |  | 155 | 159 | 159 | 159 | 159 | 164 | 160              |  |  |
| 18         | 164 | 167 | 167 | 164 | 164 | 164 | 167 | 164 | 164 | 167 | 171  | 167 | 167 | 164 | 164 | 160 | 160 | 148 |  | 132 | 148 | 156 | 160 | 164 | 164 | 162              |  |  |
| 19         | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 171 | 175 | 175 | 167  | 167 | 156 | 109 | 125 | 140 | 148 | 148 |  | 129 | 132 | 140 | 125 | 139 | 155 | 152              |  |  |
| 20         | 163 | 166 | 170 | 175 | 171 | 167 | 175 | 171 | 171 | 179 | 179  | 171 | 164 | 164 | 160 | 156 | 160 | 160 |  | 160 | 160 | 160 | 160 | 164 | 164 | 166              |  |  |
| 21Q        | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164  | 160 | 152 | 156 | 132 | 125 | 138 | 156 |  | 156 | 160 | 164 | 164 | 164 | 164 | 158              |  |  |
| 22         | 164 | 164 | 164 | 164 | 164 | 164 | 175 | 175 | 171 | 164 | 164  | 160 | 160 | 148 | 126 | 149 | 157 | 157 |  | 149 | 133 | 137 | 141 | 149 | 157 | 156              |  |  |
| 23         | 165 | 165 | 168 | 168 | 168 | 165 | 165 | 161 | 161 | 161 | 161  | 161 | 161 | 161 | 161 | 160 | 152 | 129 |  | 121 | 125 | 129 | 136 | 152 | 156 | 155              |  |  |
| 24         | 164 | 167 | 167 | 167 | 164 | 164 | 163 | 163 | 166 | 147 | 128  | 151 | 143 | 147 | 96  | 131 | 135 | 147 |  | 147 | 151 | 151 | 147 | 151 | 155 | 150              |  |  |
| 25         | 159 | 163 | 166 | 163 | 163 | 163 | 170 | 174 | 182 | 186 | 178  | 128 | 151 | 163 | 163 | 121 | 97  | 136 |  | 144 | 156 | 160 | 160 | 160 | 156 | 157              |  |  |
| 26         | 148 | 164 | 171 | 179 | 191 | 179 | 179 | 175 | 167 | 164 | 164  | 164 | 164 | 164 | 163 | 155 | 100 | -21 |  | -13 | 57  | 108 | 131 | 147 | 155 | 140              |  |  |
| 27D        | 163 | 166 | 166 | 166 | 174 | 241 | 225 | 210 | 187 | 138 | 39   | 130 | -23 | -85 | -50 | 87  | 90  | 94  |  | 80  | 49  | 103 | 142 | 162 | 173 | 118              |  |  |
| 28         | 185 | 193 | 193 | 189 | 189 | 181 | 193 | 209 | 181 | 162 | 169  | 168 | 157 | 137 | 137 | 157 | 161 | 161 |  | 160 | 156 | 148 | 160 | 167 | 164 | 170              |  |  |
| 29         | 171 | 179 | 175 | 171 | 171 | 175 | 179 | 218 | 195 | 187 | 171  | 136 | 132 | -31 | 63  | 87  | 55  | 32  |  | 83  | 87  | 130 | 133 | 157 | 172 | 134              |  |  |
| 30D        | 180 | 200 | 239 | 223 | 208 | 196 | 215 | 179 | 164 | 148 | 167  | 171 | 171 | 171 | 168 | 102 | 44  | 32  |  | 48  | 122 | 153 | 157 | 161 | 172 | 158              |  |  |
| 31         |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |  |     |     |     |     |     |     |                  |  |  |
| Средн      | 166 | 169 | 171 | 171 | 172 | 177 | 182 | 183 | 178 | 164 | 155  | 154 | 138 | 127 | 123 | 126 | 124 | 126 |  | 127 | 134 | 144 | 152 | 159 | 164 | 154              |  |  |
| Средн<br>Q | 165 | 166 | 165 | 165 | 164 | 165 | 164 | 165 | 165 | 165 | 164  | 163 | 161 | 161 | 156 | 155 | 158 | 162 |  | 162 | 162 | 163 | 163 | 164 | 165 | 163              |  |  |
| Средн<br>D | 173 | 180 | 183 | 182 | 186 | 223 | 239 | 229 | 206 | 125 | 95   | 140 | 76  | 40  | 42  | 103 | 95  | 108 |  | 100 | 97  | 120 | 149 | 162 | 168 | 143              |  |  |

Станция Узлен  
 Год 1969 месяц декабрь

Арктический и Антарктический научно-исследовательский институт  
 Элемент D=14°30'0+...

М 34

о = \_\_\_\_\_ Е = \_\_\_\_\_

| число | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 18   | 18 | 19   | 20   | 21   | 22   | 23   | 24   | Средне-<br>суточн. | Время | Макси-<br>мум | Мини-<br>мум | Время | Ампли-<br>туда | Хар.<br>0,12 | Числен-<br>ная ха-<br>рактер. | Особ.<br>явления | Сумма |
|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----|------|------|------|------|------|------|--------------------|-------|---------------|--------------|-------|----------------|--------------|-------------------------------|------------------|-------|
| 1     | 10   | 10   | 11   | 11   | 12   | 12   | 12   | 12   | 13   | 14   | 12   | 7    | 15   | 16   | 15   | 14   | 19   | 16   |    | 15   | 17   | 15   | 12   | 12   | 13   | 13.1               |       |               |              |       |                |              |                               |                  |       |
| 2     | 11   | 11   | 11   | 11   | 11   | 11   | 12   | 12   | 18   | 12   | 12   | 12   | 14   | 14   | 10   | 14   | 15   | 16   |    | 17   | 15   | 15   | 14   | 14   | 12   | 13.1               |       |               |              |       |                |              |                               |                  |       |
| 3     | 11   | 11   | 11   | 12   | 13   | 13   | 13   | 13   | 13   | 13   | 13   | 12   | 13   | 13   | 14   | 14   | 15   | 15   |    | 15   | 15   | 15   | 12   | 10   | 11   | 12.9               |       |               |              |       |                |              |                               |                  |       |
| 4     | 11   | 12   | 11   | 11   | 12   | 11   | 11   | 12   | 12   | 12   | 15   | 16   | 16   | 8    | 19   | 20   | 11   | 15   |    | 18   | 19   | 15   | 14   | 12   | 12   | 13.5               |       |               |              |       |                |              |                               |                  |       |
| 5D    | 13   | 13   | 13   | 13   | 14   | 13   | 15   | 14   | 13   | 12   | 20   | 4    | 23   | 18   | 32   | 27   | 14   | 19   |    | 24   | 15   | 2    | 4    | 9    | 8    | 14.7               |       |               |              |       |                |              |                               |                  |       |
| 6D    | 10   | 7    | 9    | 11   | 11   | 11   | 7    | 11   | 16   | 19   | 9    | 11   | 11   | 0    | -1   | 19   | 20   | 16   |    | 15   | 14   | 11   | 11   | 11   | 13   | 11.3               |       |               |              |       |                |              |                               |                  |       |
| 7     | 12   | 12   | 13   | 13   | 13   | 12   | 12   | 12   | 12   | 14   | 15   | 12   | 12   | 14   | 15   | 15   | 15   | 15   |    | 14   | 14   | 15   | 11   | 11   | 12   | 13.1               |       |               |              |       |                |              |                               |                  |       |
| 8     | 12   | 11   | 12   | 13   | 12   | 12   | 12   | 12   | 13   | 13   | 13   | 14   | 14   | 43   | 14   | 13   | 12   | 12   |    | 15   | 15   | 14   | 12   | 12   | 11   | 12.8               |       |               |              |       |                |              |                               |                  |       |
| 9D    | 8    | 9    | 11   | 12   | 12   | 12   | 12   | 14   | 14   | 15   | 14   | 15   | 15   | 17   | 20   | 19   | 18   | 14   |    | 15   | 15   | 15   | 14   | 10   | 13   | 13.9               |       |               |              |       |                |              |                               |                  |       |
| 10    | 12   | 11   | 11   | 12   | 12   | 13   | 13   | 12   | 12   | 12   | 13   | 15   | 14   | 13   | 13   | 14   | 14   | 13   |    | 15   | 17   | 7    | 4    | 1    | 4    | 11.5               |       |               |              |       |                |              |                               |                  |       |
| 11    | 1    | 7    | 8    | 12   | 10   | 9    | 11   | 18   | 9    | 12   | 11   | 11   | 14   | 18   | 21   | 19   | 18   | 14   |    | 20   | 18   | 14   | 12   | 12   | 11   | 12.9               |       |               |              |       |                |              |                               |                  |       |
| 12    | 11   | 11   | 11   | 7    | 9    | 9    | 11   | 12   | 14   | 14   | 12   | 13   | 13   | 14   | 15   | 15   | 15   | 15   |    | 15   | 15   | 15   | 14   | 13   | 12   | 12.7               |       |               |              |       |                |              |                               |                  |       |
| 13D   | 9    | 10   | 11   | 10   | 12   | 12   | 13   | 15   | 14   | 14   | 13   | 14   | 14   | 14   | 15   | 15   | 15   | 16   |    | 15   | 16   | 15   | 14   | 13   | 12   | 13.4               |       |               |              |       |                |              |                               |                  |       |
| 14    | 11   | 11   | 11   | 12   | 13   | 14   | 14   | 14   | 14   | 14   | 14   | 13   | 12   | 15   | 16   | 19   | 19   | 17   |    | 18   | 19   | 15   | 15   | 14   | 11   | 14.4               |       |               |              |       |                |              |                               |                  |       |
| 15    | 11   | 10   | 11   | 12   | 12   | 13   | 13   | 14   | 13   | 15   | 17   | 11   | 13   | 15   | 15   | 15   | 18   | 15   |    | 14   | 12   | 16   | 15   | 11   | 9    | 13.3               |       |               |              |       |                |              |                               |                  |       |
| 16D   | 9    | 6    | 8    | 11   | 14   | 11   | 11   | 11   | 15   | 13   | 13   | 7    | 12   | 14   | 17   | 11   | 22   | 20   |    | 18   | 17   | 11   | 11   | 11   | 11   | 12.7               |       |               |              |       |                |              |                               |                  |       |
| 17    | 9    | 11   | 11   | 12   | 13   | 13   | 13   | 14   | 13   | 13   | 14   | 14   | 14   | 14   | 14   | 15   | 15   | 19   |    | 19   | 19   | 16   | 15   | 14   | 14   | 14.1               |       |               |              |       |                |              |                               |                  |       |
| 18    | 12   | 11   | 12   | 13   | 14   | 13   | 13   | 13   | 13   | 14   | 14   | 14   | 14   | 14   | 14   | 15   | 14   | 15   |    | 15   | 15   | 15   | 15   | 15   | 14   | 13.8               |       |               |              |       |                |              |                               |                  |       |
| 19    | 12   | 12   | 12   | 12   | 13   | 14   | 13   | 14   | 14   | 14   | 14   | 11   | 15   | 15   | 15   | 15   | 15   | 15   |    | 14   | 15   | 15   | 14   | 14   | 14   | 13.8               |       |               |              |       |                |              |                               |                  |       |
| 20Q   | 12   | 12   | 12   | 12   | 13   | 12   | 13   | 13   | 14   | 13   | 13   | 14   | 13   | 14   | 15   | 15   | 15   | 15   |    | 15   | 14   | 15   | 14   | 13   | 12   | 13.4               |       |               |              |       |                |              |                               |                  |       |
| 21Q   | 11   | 11   | 11   | 11   | 12   | 13   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 15   | 16   | 15   |    | 15   | 15   | 15   | 14   | 14   | 12   | 13.6               |       |               |              |       |                |              |                               |                  |       |
| 22    | 12   | 12   | 13   | 13   | 12   | 12   | 15   | 8    | 10   | 14   | 14   | 14   | 14   | 19   | 22   | 20   | 23   | 21   |    | 18   | 15   | 15   | 14   | 14   | 14   | 14.9               |       |               |              |       |                |              |                               |                  |       |
| 23D   | 13   | 13   | 13   | 13   | 13   | 12   | 13   | 13   | 11   | 27   | 14   | 16   | 12   | 10   | 12   | 23   | 19   | 15   |    | 15   | 15   | 9    | 11   | 10   | 11   | 13.9               |       |               |              |       |                |              |                               |                  |       |
| 24    | 9    | 9    | 10   | 15   | 15   | 15   | 14   | 14   | 15   | 14   | 14   | 19   | 23   | 25   | 16   | 15   | 15   | 15   |    | 16   | 12   | 14   | 7    | 8    | 13   | 14.2               |       |               |              |       |                |              |                               |                  |       |
| 25    | 11   | 11   | 11   | 12   | 13   | 15   | 12   | 14   | 22   | 15   | 11   | 14   | 15   | 11   | 19   | 7    | 14   | 15   |    | 15   | 18   | 12   | 11   | 11   | 9    | 13.2               |       |               |              |       |                |              |                               |                  |       |
| 26    | 12   | 13   | 14   | 14   | 14   | 14   | 16   | 19   | 15   | 15   | 12   | 9    | 15   | 15   | 15   | 17   | 11   | 23   |    | 20   | 15   | 10   | 11   | 12   | 13   | 14.3               |       |               |              |       |                |              |                               |                  |       |
| 27    | 11   | 11   | 11   | 13   | 15   | 15   | 15   | 15   | 16   | 17   | 28   | 15   | 15   | 15   | 15   | 15   | 15   | 15   |    | 15   | 15   | 15   | 15   | 15   | 14   | 15.0               |       |               |              |       |                |              |                               |                  |       |
| 28    | 13   | 13   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 16   | 15   | 14   | 14   | 14   | 12   | 16   | 13   |    | 16   | 17   | 15   | 15   | 14   | 13   | 14.2               |       |               |              |       |                |              |                               |                  |       |
| 29    | 11   | 11   | 12   | 14   | 14   | 14   | 15   | 15   | 15   | 15   | 15   | 15   | 14   | 14   | 15   | 13   | 15   | 15   |    | 17   | 17   | 16   | 15   | 15   | 15   | 14.5               |       |               |              |       |                |              |                               |                  |       |
| 30Q   | 14   | 13   | 13   | 13   | 13   | 13   | 14   | 15   | 15   | 15   | 15   | 15   | 16   | 15   | 15   | 14   | 15   | 15   |    | 15   | 15   | 15   | 15   | 15   | 15   | 14.5               |       |               |              |       |                |              |                               |                  |       |
| 31Q   | 14   | 13   | 13   | 13   | 13   | 14   | 14   | 14   | 14   | 14   | 15   | 16   | 16   | 15   | 15   | 15   | 15   | 15   |    | 15   | 16   | 16   | 15   | 15   | 14   | 14.5               |       |               |              |       |                |              |                               |                  |       |
| среч. | 10.9 | 10.9 | 11.5 | 12.2 | 12.7 | 12.6 | 12.9 | 13.5 | 13.9 | 14.4 | 14.2 | 13.0 | 14.5 | 14.2 | 15.5 | 15.8 | 15.9 | 15.8 |    | 16.2 | 15.7 | 13.6 | 12.6 | 12.1 | 12.0 | 13.6               |       |               |              |       |                |              |                               |                  |       |
| Q     | 12.0 | 11.8 | 12.0 | 11.8 | 12.6 | 12.8 | 13.6 | 14.2 | 14.2 | 14.0 | 14.0 | 14.6 | 14.6 | 14.4 | 14.8 | 14.8 | 15.2 | 15.2 |    | 15.0 | 15.2 | 15.2 | 14.4 | 14.0 | 13.0 | 13.9               |       |               |              |       |                |              |                               |                  |       |
| сумма | 10.6 | 9.6  | 10.8 | 12.0 | 12.8 | 11.8 | 11.6 | 12.6 | 13.8 | 17.2 | 14.0 | 10.6 | 14.6 | 11.8 | 16.0 | 19.8 | 18.6 | 16.8 |    | 17.4 | 15.2 | 9.6  | 10.2 | 10.2 | 11.2 | 13.3               |       |               |              |       |                |              |                               |                  |       |

ПРИМЕЧАНИЯ:

Обработка

Контроль

Станция Уэлен

Арктический и Антарктический научно-исследовательский институт

Год 1969 месяц декабрьэлемент H=14000 ± ...

|            | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  |  | 19  | 20  | 21  | 22  | 23  | 24  | СРЕДНЕ<br>СУТОЧН |  |  |
|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|-----|-----|-----|-----|-----|-----|------------------|--|--|
| 1          | 135 | 139 | 142 | 142 | 146 | 150 | 146 | 146 | 142 | 142 | 150 | 93  | 97  | 131 | 135 | 107 | 107 | 122 |  | 141 | 141 | 145 | 149 | 142 | 139 | 135              |  |  |
| 2          | 139 | 142 | 142 | 150 | 146 | 146 | 146 | 142 | 142 | 154 | 146 | 146 | 142 | 135 | 127 | 145 | 149 | 145 |  | 149 | 149 | 149 | 145 | 141 | 141 | 144              |  |  |
| 3          | 138 | 141 | 149 | 153 | 157 | 157 | 153 | 153 | 153 | 153 | 153 | 153 | 153 | 153 | 153 | 153 | 153 | 153 |  | 153 | 153 | 149 | 145 | 149 | 153 | 151              |  |  |
| 4          | 141 | 141 | 149 | 153 | 157 | 172 | 172 | 160 | 160 | 160 | 153 | 145 | 141 | 58  | 59  | 127 | 127 | 141 |  | 161 | 158 | 158 | 158 | 154 | 154 | 144              |  |  |
| 5D         | 150 | 150 | 150 | 154 | 158 | 150 | 139 | 154 | 161 | 154 | 146 | 21  | 51  | 32  | 51  | 93  | 59  | -6  |  | 131 | 146 | 97  | 120 | 142 | 139 | 114              |  |  |
| 6D         | 139 | 146 | 139 | 154 | 196 | 249 | 177 | 161 | 158 | 161 | 142 | 161 | 142 | 21  | -48 | 63  | 150 | 150 |  | 154 | 146 | 139 | 142 | 142 | 139 | 138              |  |  |
| 7          | 139 | 139 | 142 | 150 | 150 | 150 | 142 | 146 | 146 | 154 | 150 | 150 | 150 | 146 | 150 | 150 | 146 | 150 |  | 150 | 154 | 154 | 142 | 142 | 142 | 147              |  |  |
| 8          | 142 | 142 | 146 | 146 | 154 | 154 | 150 | 154 | 150 | 154 | 154 | 150 | 154 | 154 | 154 | 146 | 142 | 142 |  | 154 | 158 | 150 | 154 | 150 | 139 | 150              |  |  |
| 9D         | 139 | 142 | 150 | 161 | 161 | 165 | 165 | 161 | 158 | 161 | 158 | 158 | 161 | 150 | 139 | 142 | 146 | 146 |  | 150 | 150 | 150 | 150 | 142 | 142 | 152              |  |  |
| 10         | 146 | 146 | 150 | 150 | 154 | 154 | 154 | 154 | 150 | 154 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 |  | 158 | 158 | 142 | 120 | 112 | 120 | 147              |  |  |
| 11         | 120 | 142 | 150 | 151 | 158 | 165 | 180 | 177 | 169 | 165 | 165 | 158 | 158 | 150 | 135 | 154 | 150 | 146 |  | 150 | 150 | 146 | 146 | 146 | 150 | 154              |  |  |
| 12         | 150 | 150 | 150 | 146 | 158 | 161 | 154 | 158 | 158 | 158 | 154 | 150 | 165 | 146 | 150 | 154 | 150 | 150 |  | 150 | 150 | 150 | 146 | 146 | 146 | 152              |  |  |
| 13Q        | 154 | 154 | 154 | 158 | 161 | 161 | 161 | 165 | 161 | 161 | 161 | 158 | 158 | 158 | 154 | 154 | 150 | 150 |  | 150 | 150 | 150 | 150 | 150 | 150 | 156              |  |  |
| 14         | 150 | 154 | 154 | 158 | 161 | 161 | 161 | 161 | 161 | 158 | 158 | 158 | 154 | 150 | 150 | 154 | 150 | 146 |  | 146 | 150 | 154 | 150 | 150 | 151 | 154              |  |  |
| 15         | 151 | 155 | 159 | 159 | 162 | 159 | 158 | 161 | 158 | 158 | 165 | 158 | 158 | 158 | 158 | 154 | 150 | 142 |  | 139 | 135 | 146 | 154 | 142 | 142 | 153              |  |  |
| 16D        | 139 | 131 | 154 | 161 | 158 | 158 | 158 | 158 | 165 | 161 | 158 | 158 | 142 | 142 | 131 | 51  | 85  | 146 |  | 142 | 146 | 142 | 154 | 150 | 146 | 143              |  |  |
| 17         | 146 | 142 | 142 | 150 | 158 | 158 | 158 | 158 | 158 | 154 | 154 | 154 | 154 | 150 | 150 | 150 | 150 | 142 |  | 142 | 150 | 154 | 154 | 150 | 146 | 151              |  |  |
| 18         | 139 | 142 | 146 | 150 | 158 | 161 | 161 | 161 | 158 | 161 | 158 | 158 | 154 | 158 | 158 | 154 | 154 | 154 |  | 150 | 150 | 150 | 150 | 150 | 150 | 154              |  |  |
| 19         | 146 | 150 | 154 | 158 | 158 | 158 | 158 | 158 | 158 | 161 | 161 | 158 | 158 | 158 | 158 | 158 | 158 | 158 |  | 161 | 165 | 161 | 158 | 158 | 158 | 158              |  |  |
| 20Q        | 154 | 158 | 165 | 165 | 165 | 165 | 165 | 165 | 165 | 165 | 165 | 161 | 158 | 158 | 158 | 158 | 158 | 158 |  | 158 | 158 | 154 | 154 | 154 | 154 | 160              |  |  |
| 21Q        | 150 | 150 | 161 | 165 | 165 | 161 | 161 | 161 | 161 | 161 | 158 | 158 | 158 | 158 | 158 | 158 | 158 | 158 |  | 158 | 158 | 158 | 150 | 150 | 150 | 158              |  |  |
| 22         | 158 | 161 | 165 | 165 | 169 | 169 | 169 | 173 | 165 | 161 | 161 | 165 | 135 | 150 | 165 | 142 | 150 | 158 |  | 158 | 161 | 161 | 161 | 158 | 158 | 160              |  |  |
| 23D        | 158 | 158 | 158 | 161 | 158 | 161 | 158 | 158 | 158 | 139 | 97  | 120 | 127 | -40 | -87 | 158 | 161 | 127 |  | 82  | 150 | 154 | 161 | 150 | 150 | 128              |  |  |
| 24         | 142 | 135 | 158 | 161 | 161 | 161 | 161 | 161 | 158 | 158 | 154 | 146 | 104 | 127 | 154 | 154 | 154 | 150 |  | 154 | 150 | 158 | 150 | 150 | 146 | 50               |  |  |
| 25         | 146 | 150 | 150 | 158 | 154 | 146 | 161 | 161 | 177 | 161 | 161 | 154 | 142 | 112 | 116 | 93  | 135 | 135 |  | 139 | 142 | 158 | 158 | 150 | 142 | 146              |  |  |
| 26         | 154 | 154 | 150 | 154 | 158 | 154 | 154 | 150 | 154 | 158 | 150 | 142 | 154 | 158 | 158 | 146 | 74  | 123 |  | 158 | 161 | 161 | 150 | 150 | 142 | 149              |  |  |
| 27         | 135 | 150 | 146 | 158 | 169 | 165 | 161 | 154 | 150 | 146 | 173 | 142 | 146 | 150 | 150 | 150 | 142 | 142 |  | 150 | 158 | 154 | 150 | 146 | 146 | 151              |  |  |
| 28         | 150 | 150 | 154 | 154 | 154 | 154 | 158 | 158 | 158 | 158 | 158 | 154 | 150 | 150 | 150 | 150 | 146 | 139 |  | 158 | 158 | 158 | 154 | 150 | 146 | 153              |  |  |
| 29         | 142 | 150 | 158 | 158 | 161 | 161 | 158 | 158 | 150 | 154 | 150 | 150 | 154 | 154 | 154 | 158 | 150 | 154 |  | 158 | 161 | 158 | 158 | 150 | 142 | 154              |  |  |
| 30Q        | 142 | 150 | 154 | 158 | 158 | 158 | 158 | 161 | 158 | 158 | 150 | 150 | 154 | 158 | 158 | 158 | 161 | 161 |  | 165 | 165 | 161 | 161 | 154 | 150 | 157              |  |  |
| 31Q        | 150 | 158 | 181 | 158 | 158 | 161 | 161 | 158 | 158 | 158 | 142 | 146 | 150 | 154 | 154 | 158 | 158 | 158 |  | 161 | 165 | 161 | 154 | 150 | 150 | 156              |  |  |
| Средн      | 145 | 147 | 152 | 156 | 159 | 161 | 159 | 158 | 157 | 157 | 153 | 146 | 144 | 132 | 129 | 140 | 141 | 142 |  | 149 | 153 | 151 | 150 | 147 | 146 | 149              |  |  |
| Средн<br>Q | 150 | 154 | 159 | 161 | 161 | 161 | 161 | 162 | 161 | 161 | 155 | 155 | 156 | 156 | 156 | 157 | 157 | 157 |  | 158 | 159 | 157 | 154 | 152 | 151 | 157              |  |  |
| Средн<br>D | 145 | 145 | 150 | 158 | 166 | 177 | 159 | 158 | 160 | 155 | 140 | 124 | 125 | 61  | 37  | 101 | 120 | 113 |  | 132 | 148 | 136 | 145 | 145 | 143 | 135              |  |  |

Станция Уэлен

Арктический и Антарктический научно-исследовательский институт

М-34

Год 1969 месяц декабрьэлемент Z=53400†...

|            | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  |  | 19  | 20  | 21  | 22  | 23  | 24  | СРЕДНЕ<br>СУТОЧН |  |  |
|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|-----|-----|-----|-----|-----|-----|------------------|--|--|
| 1          | 163 | 167 | 162 | 161 | 161 | 158 | 161 | 162 | 162 | 166 | 162 | 104 | 69  | 100 | 113 | 101 | 70  | 78  |  | 124 | 140 | 148 | 152 | 156 | 160 | 138              |  |  |
| 2          | 163 | 163 | 163 | 163 | 163 | 163 | 163 | 163 | 163 | 160 | 160 | 152 | 144 | 132 | 132 | 124 | 140 | 140 |  | 140 | 140 | 144 | 148 | 148 | 156 | 151              |  |  |
| 3          | 156 | 160 | 160 | 156 | 156 | 156 | 156 | 156 | 156 | 156 | 156 | 152 | 156 | 156 | 152 | 157 | 157 | 153 |  | 157 | 153 | 157 | 153 | 145 | 149 | 155              |  |  |
| 4          | 149 | 153 | 157 | 157 | 157 | 157 | 156 | 156 | 152 | 156 | 156 | 148 | 144 | 70  | 7   | 109 | 109 | 113 |  | 140 | 140 | 144 | 148 | 148 | 152 | 137              |  |  |
| 5D         | 156 | 156 | 156 | 156 | 150 | 156 | 160 | 167 | 163 | 160 | 167 | 39  | 4   | 4   | -24 | 38  | 73  | -47 |  | 14  | 61  | 92  | 100 | 146 | 154 | 100              |  |  |
| 6D         | 158 | 173 | 185 | 189 | 232 | 286 | 243 | 212 | 208 | 177 | 118 | 126 | 142 | 76  | -41 | 10  | 108 | 143 |  | 147 | 143 | 143 | 151 | 159 | 162 | 152              |  |  |
| 7          | 162 | 162 | 162 | 159 | 159 | 159 | 155 | 159 | 159 | 147 | 143 | 147 | 147 | 147 | 147 | 151 | 147 | 147 |  | 147 | 147 | 143 | 147 | 147 | 147 | 152              |  |  |
| 8          | 151 | 151 | 155 | 155 | 155 | 159 | 159 | 155 | 159 | 159 | 155 | 155 | 155 | 151 | 152 | 148 | 124 | 132 |  | 140 | 140 | 148 | 148 | 148 | 152 | 150              |  |  |
| 9D         | 156 | 152 | 156 | 156 | 156 | 160 | 163 | 160 | 156 | 156 | 156 | 152 | 136 | 132 | 120 | 131 | 139 | 131 |  | 147 | 147 | 147 | 151 | 147 | 147 | 148              |  |  |
| 10         | 151 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 147 | 147 | 147 | 148 | 148 | 148 | 136 |  | 144 | 140 | 136 | 124 | 132 | 136 | 147              |  |  |
| 11         | 140 | 140 | 148 | 160 | 167 | 167 | 198 | 210 | 183 | 179 | 179 | 167 | 163 | 156 | 140 | 148 | 152 | 152 |  | 136 | 144 | 148 | 148 | 152 | 152 | 160              |  |  |
| 12         | 156 | 156 | 156 | 160 | 163 | 171 | 175 | 175 | 171 | 163 | 160 | 156 | 140 | 152 | 152 | 156 | 152 | 152 |  | 152 | 152 | 152 | 152 | 152 | 152 | 157              |  |  |
| 13Q        | 156 | 156 | 156 | 156 | 156 | 156 | 160 | 160 | 156 | 156 | 156 | 152 | 152 | 156 | 152 | 143 | 151 | 151 |  | 147 | 151 | 147 | 151 | 151 | 151 | 153              |  |  |
| 14         | 155 | 155 | 154 | 154 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 146 | 150 | 154 | 150 | 126 | 142 | 146 |  | 142 | 146 | 138 | 138 | 146 | 146 | 147              |  |  |
| 15         | 146 | 150 | 150 | 150 | 150 | 150 | 154 | 154 | 154 | 154 | 150 | 154 | 150 | 150 | 150 | 147 | 135 | 135 |  | 131 | 131 | 135 | 139 | 143 | 147 | 146              |  |  |
| 16D        | 151 | 155 | 159 | 162 | 155 | 159 | 162 | 190 | 194 | 178 | 170 | 151 | 127 | 116 | 128 | 46  | 0   | 109 |  | 132 | 136 | 132 | 136 | 136 | 144 | 139              |  |  |
| 17         | 156 | 156 | 156 | 156 | 156 | 156 | 156 | 156 | 156 | 156 | 163 | 160 | 156 | 156 | 152 | 147 | 143 | 139 |  | 139 | 139 | 147 | 155 | 155 | 155 | 153              |  |  |
| 18         | 155 | 155 | 155 | 155 | 155 | 159 | 155 | 155 | 155 | 155 | 155 | 155 | 151 | 151 | 151 | 147 | 147 | 147 |  | 147 | 147 | 147 | 143 | 143 | 147 | 151              |  |  |
| 19         | 151 | 151 | 151 | 155 | 151 | 151 | 151 | 151 | 151 | 155 | 155 | 159 | 159 | 155 | 151 | 151 | 147 | 147 |  | 147 | 147 | 147 | 147 | 147 | 147 | 151              |  |  |
| 20Q        | 147 | 147 | 147 | 147 | 147 | 147 | 147 | 151 | 147 | 147 | 151 | 151 | 151 | 151 | 147 | 147 | 147 | 147 |  | 147 | 147 | 147 | 147 | 147 | 147 | 148              |  |  |
| 21Q        | 147 | 151 | 150 | 150 | 154 | 150 | 154 | 151 | 151 | 147 | 147 | 147 | 147 | 151 | 147 | 147 | 139 | 143 |  | 147 | 147 | 147 | 151 | 151 | 151 | 149              |  |  |
| 22         | 151 | 151 | 155 | 155 | 155 | 155 | 155 | 170 | 186 | 166 | 159 | 159 | 151 | 123 | 135 | 123 | 127 | 143 |  | 147 | 147 | 151 | 155 | 155 | 155 | 151              |  |  |
| 23D        | 155 | 155 | 155 | 155 | 155 | 155 | 159 | 162 | 174 | 174 | 127 | 116 | 123 | 61  | -56 | 69  | 135 | 116 |  | 38  | 81  | 96  | 116 | 135 | 147 | 121              |  |  |
| 24         | 159 | 162 | 178 | 170 | 162 | 155 | 155 | 155 | 155 | 155 | 162 | 147 | 84  | 104 | 143 | 151 | 155 | 151 |  | 147 | 143 | 123 | 123 | 123 | 131 | 146              |  |  |
| 25         | 159 | 155 | 159 | 162 | 162 | 170 | 174 | 178 | 186 | 194 | 182 | 170 | 151 | 77  | 82  | 85  | 109 | 124 |  | 136 | 136 | 144 | 160 | 171 | 170 | 150              |  |  |
| 26         | 155 | 159 | 159 | 159 | 159 | 159 | 159 | 170 | 174 | 166 | 155 | 123 | 151 | 155 | 155 | 143 | 65  | 81  |  | 127 | 127 | 112 | 112 | 131 | 147 | 142              |  |  |
| 27         | 159 | 166 | 178 | 178 | 186 | 178 | 170 | 170 | 166 | 162 | 147 | 116 | 139 | 147 | 147 | 147 | 147 | 147 |  | 155 | 155 | 155 | 159 | 158 | 161 | 158              |  |  |
| 28         | 158 | 158 | 158 | 159 | 155 | 155 | 155 | 159 | 155 | 155 | 151 | 151 | 155 | 151 | 143 | 131 | 127 | 131 |  | 131 | 139 | 147 | 151 | 155 | 155 | 149              |  |  |
| 29         | 155 | 159 | 159 | 162 | 159 | 159 | 155 | 159 | 159 | 159 | 155 | 155 | 155 | 155 | 154 | 146 | 138 | 142 |  | 154 | 154 | 154 | 154 | 158 | 158 | 155              |  |  |
| 30Q        | 158 | 158 | 158 | 158 | 158 | 158 | 158 | 158 | 154 | 158 | 161 | 158 | 154 | 154 | 150 | 146 | 150 | 154 |  | 154 | 150 | 154 | 154 | 154 | 154 | 155              |  |  |
| 31Q        | 154 | 154 | 154 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 151 | 147 | 139 | 147 | 151 |  | 151 | 151 | 151 | 155 | 155 | 151 | 153              |  |  |
| Средн      | 154 | 156 | 158 | 159 | 160 | 162 | 162 | 164 | 163 | 161 | 155 | 144 | 139 | 130 | 120 | 126 | 128 | 130 |  | 136 | 139 | 141 | 144 | 148 | 151 | 147              |  |  |
| Средн<br>Q | 152 | 153 | 153 | 153 | 154 | 153 | 155 | 155 | 153 | 153 | 154 | 153 | 152 | 153 | 149 | 144 | 147 | 149 |  | 149 | 149 | 149 | 152 | 152 | 151 | 152              |  |  |
| Средн<br>D | 155 | 158 | 162 | 164 | 170 | 183 | 177 | 178 | 179 | 169 | 148 | 117 | 106 | 78  | 25  | 59  | 91  | 90  |  | 96  | 114 | 122 | 131 | 145 | 151 | 132              |  |  |