

Станция Уэлен

Арктический и Антарктический научно-исследовательский институт

М-34

Год 1982 месяц январьэлемент  $D = 14^{\circ}30'0'' + \dots$ 

|            | 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          | 18   | 18   | 18   | 17   | 18   | 18   | 19   | 19   | 20   | 18   | 18   | 18   | 11   | 23   | 21   | 20   | 5    | 24   | 25   | 24   | 22   | 21   | 20   | 19   | 18,9             |  |  |
| 2          | 18   | 17   | 17   | 18   | 18   | 18   | 18   | 18   | 18   | 20   | 15   | 21   | 22   | 26   | 25   | 30   | 20   |      | 19   | 27   | 13   | 21   | 17   | 18   | 19,7             |  |  |
| 3D         | 17   | 16   | 14   | 13   | 12   | 15   | 18   | 18   | 22   | 18   | 20   | 19   | 20   | 19   | 19   | 23   | 4    | 27   | 27   | 23   | 11   | 5    | 13   | 15   | 17,0             |  |  |
| 4          | 13   | 14   | 14   | 16   | 16   | 18   | 18   | 18   | 18   | 20   | 20   | 20   | 20   | 13   | 18   | 18   | 32   | 30   | 30   | 25   | 22   | 20   | 20   | 18   | 19,6             |  |  |
| 5          | 18   | 18   | 18   | 18   | 17   | 16   | 16   | 17   | 17   | 19   | 20   | 18   | 18   | 18   | 18   | 18   | 19   | 19   | 20   | 20   | 20   | 20   | 20   | 20   | 18,4             |  |  |
| 6          | 18   | 18   | 18   | 18   | 17   | 15   | 13   | 13   | 19   | 20   | 18   | 12   | 21   | 20   | 20   | 19   | 20   | 20   | 21   | 22   | 20   | 19   | 20   | 20   | 18,4             |  |  |
| 7          | 18   | 17   | 15   | 16   | 16   | 17   | 14   | 13   | 15   | 17   | 19   | 18   | 20   | 13   | 23   | 17   | 15   | 25   | 23   | 21   | 18   | 16   | 17   | 13   | 17,3             |  |  |
| 8          | 13   | 14   | 13   | 13   | 15   | 17   | 15   | 15   | 18   | 18   | 18   | 15   | 17   | 16   | 17   | 17   | 18   | 19   | 17   | 18   | 20   | 19   | 18   | 17   | 16,5             |  |  |
| 9D         | 16   | 15   | 15   | 15   | 16   | 16   | 18   | 18   | 18   | 18   | 20   | 17   | 18   | 18   | 18   | 20   | 21   | 20   | 20   | 25   | 23   | 21   | 20   | 18   | 18,5             |  |  |
| 10         | 15   | 15   | 16   | 17   | 18   | 18   | 18   | 18   | 18   | 18   | 18   | 18   | 18   | 19   | 19   | 19   | 20   | 20   | 21   | 23   | 23   | 20   | 18   | 16   | 18,5             |  |  |
| 11         | 16   | 15   | 15   | 15   | 15   | 16   | 17   | 17   | 18   | 18   | 19   | 18   | 19   | 21   | 24   | 23   | 25   | 23   | 24   | 24   | 20   | 19   | 18   | 18   | 19,0             |  |  |
| 12D        | 17   | 16   | 15   | 15   | 16   | 17   | 18   | 18   | 18   | 17   | 16   | 16   | 18   | 19   | 20   | 20   | 20   | 20   | 20   | 20   | 20   | 20   | 20   | 19   | 18,1             |  |  |
| 13D        | 18   | 18   | 17   | 17   | 18   | 18   | 19   | 19   | 18   | 17   | 18   | 18   | 18   | 18   | 19   | 19   | 20   | 20   | 20   | 20   | 20   | 20   | 19   | 19   | 18,6             |  |  |
| 14D        | 18   | 18   | 18   | 18   | 18   | 18   | 19   | 19   | 19   | 19   | 19   | 19   | 19   | 19   | 19   | 20   | 20   | 20   | 20   | 21   | 22   | 21   | 20   | 18   | 19,2             |  |  |
| 15         | 16   | 16   | 15   | 12   | 14   | 18   | 18   | 18   | 18   | 20   | 20   | 31   | 33   | 33   | 27   | 29   | 20   | 24   | 28   | 21   | 23   | 18   | 18   | 18   | 21,2             |  |  |
| 16         | 17   | 17   | 17   | 17   | 16   | 17   | 17   | 16   | 31   | 23   | 23   | 17   | 20   | 13   | 1    | 22   | 37   | 32   | 23   | 16   | 20   | 20   | 18   | 11   | 19,2             |  |  |
| 17         | 10   | 14   | 14   | 15   | 18   | 18   | 18   | 18   | 18   | 22   | 24   | 25   | 24   | 21   | 19   | 15   | 14   | 18   | 20   | 20   | 20   | 20   | 19   | 18   | 18,4             |  |  |
| 18         | 16   | 15   | 15   | 16   | 17   | 17   | 17   | 18   | 18   | 19   | 22   | 18   | 20   | 20   | 20   | 20   | 18   | 20   | 14   | -3   | 6    | 15   | 11   | 13   | 15,9             |  |  |
| 19D        | 13   | 13   | 16   | 16   | 17   | 17   | 17   | 18   | 18   | 18   | 18   | 19   | 15   | 18   | 18   | 18   | 19   | 19   | 19   | 20   | 21   | 22   | 21   | 20   | 17,9             |  |  |
| 20         | 18   | 15   | 15   | 17   | 17   | 16   | 18   | 19   | 18   | 19   | 19   | 18   | 18   | 19   | 19   | 19   | 19   | 19   | 20   | 20   | 20   | 20   | 20   | 19   | 18,4             |  |  |
| 21         | 17   | 15   | 15   | 15   | 17   | 15   | 13   | 12   | 5    | 12   | 18   | 17   | 18   | 20   | 23   | 23   | 22   | 25   | 20   | 25   | 23   | 20   | 20   | 19   | 17,9             |  |  |
| 22D        | 13   | 13   | 15   | 13   | 11   | 14   | 13   | 13   | 19   | 4    | 16   | 23   | 13   | 25   | 20   | 30   | 32   | 22   | 25   | 30   | 15   | 11   | 12   | 15   | 17,4             |  |  |
| 23D        | 14   | 12   | 14   | 15   | 18   | 16   | 17   | 18   | 18   | 18   | 21   | 19   | 13   | 24   | 32   | 24   | 25   | 25   | 23   | 23   | 20   | 13   | 6    | 11   | 18,3             |  |  |
| 24         | 15   | 16   | 19   | 17   | 15   | 18   | 18   | 15   | 18   | 18   | 23   | 15   | 13   | 18   | 32   | 39   | 21   | 19   | 20   | 19   | 15   | 6    | 13   | 11   | 18,0             |  |  |
| 25         | 13   | 16   | 17   | 18   | 18   | 18   | 18   | 18   | 17   | 17   | 18   | 18   | 18   | 19   | 10   | 15   | 20   | 21   | 20   | 20   | 21   | 20   | 20   | 19   | 17,9             |  |  |
| 26         | 18   | 17   | 17   | 17   | 18   | 18   | 18   | 18   | 18   | 18   | 18   | 18   | 20   | 18   | 18   | 19   | 20   | 22   | 21   | 18   | 16   | 13   | 18   | 17   | 18,0             |  |  |
| 27         | 16   | 18   | 17   | 18   | 15   | 15   | 18   | 18   | 18   | 18   | 17   | 20   | 18   | 23   | 28   | 29   | 32   | 26   | 25   | 22   | 21   | 19   | 15   | 11   | 19,9             |  |  |
| 28         | 13   | 15   | 15   | 16   | 16   | 18   | 18   | 18   | 15   | 7    | 16   | 20   | 19   | 18   | 20   | 19   | 21   | 20   | 19   | 19   | 19   | 19   | 19   | 18   | 17,4             |  |  |
| 29         | 18   | 18   | 17   | 17   | 17   | 17   | 17   | 17   | 18   | 18   | 18   | 18   | 19   | 19   | 26   | 28   | 27   | 27   | 28   | 18   | 21   | 18   | 18   | 18   | 19,9             |  |  |
| 30D        | 15   | 13   | 6    | 12   | 13   | 15   | 15   | 17   | 23   | 26   | 12   | -9   | 13   | 23   | 25   | 17   | 25   | 24   | 20   | 19   | 20   | 19   | 18   | 16   | 16,5             |  |  |
| 31D        | 16   | 15   | 15   | 17   | 17   | 15   | 13   | 14   | 15   | 17   | 4    | 19   | 23   | 16   | 9    | 61   | 33   | 33   | 39   | 20   | 18   | 15   | 13   | 15   | 19,7             |  |  |
| средн      | 15,8 | 15,7 | 15,5 | 15,9 | 16,3 | 16,7 | 16,9 | 16,9 | 18,1 | 17,7 | 18,4 | 17,6 | 18,5 | 19,5 | 20,3 | 22,7 | 21,7 | 22,7 | 22,3 | 20,6 | 19,1 | 17,8 | 17,4 | 16,7 | 18,4             |  |  |
| средн<br>Q | 16,4 | 16,0 | 16,2 | 16,2 | 17,0 | 17,2 | 18,2 | 18,4 | 18,2 | 17,8 | 18,2 | 17,8 | 17,6 | 18,4 | 18,8 | 19,4 | 20,0 | 19,8 | 19,8 | 21,2 | 21,2 | 20,8 | 20,0 | 18,8 | 18,5             |  |  |
| средн<br>D | 15,0 | 13,8 | 12,8 | 14,0 | 14,2 | 15,0 | 15,2 | 16,0 | 19,4 | 16,6 | 14,6 | 14,2 | 16,4 | 21,4 | 21,0 | 31,0 | 23,8 | 26,2 | 26,8 | 23,0 | 16,8 | 12,6 | 12,4 | 14,4 | 17,8             |  |  |

Станция Уэлен

Арктический и Антарктический научно-исследовательский институт

Год 1982 месяц январьэлемент H=14000 НТЛ+...

|         | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12   | 13   | 14  | 15   | 16   | 17   | 18   |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|-----|------|------|------|------|
| 1       | 168 | 172 | 172 | 172 | 176 | 180 | 183 | 183 | 183 | 183 | 187 | 187  | 149  | 142 | 187  | 88   | -86  | 157  |
| 2       | 176 | 172 | 180 | 183 | 183 | 187 | 191 | 191 | 191 | 187 | 180 | 164  | 145  | 161 | 85   | -41  | 58   | 130  |
| 3D      | 168 | 176 | 180 | 195 | 210 | 195 | 195 | 199 | 195 | 180 | 164 | 172  | 183  | 180 | 164  | 20   | -185 | 149  |
| 4       | 142 | 172 | 187 | 187 | 187 | 191 | 191 | 191 | 191 | 187 | 187 | 172  | 157  | 81  | 73   | 5    | -3   | 107  |
| 5       | 168 | 172 | 180 | 183 | 191 | 191 | 187 | 187 | 191 | 191 | 187 | 191  | 191  | 191 | 191  | 191  | 195  | 145  |
| 6       | 180 | 180 | 183 | 191 | 191 | 187 | 195 | 210 | 252 | 210 | 195 | 183  | 172  | 187 | 199  | 195  | 195  | 185  |
| 7       | 180 | 187 | 195 | 202 | 202 | 214 | 221 | 248 | 252 | 202 | 202 | 199  | 191  | 119 | 138  | 141  | 88   | 176  |
| 8       | 180 | 180 | 191 | 195 | 199 | 199 | 199 | 202 | 199 | 210 | 210 | 199  | 195  | 195 | 195  | 195  | 199  | 191  |
| 9D      | 180 | 180 | 183 | 195 | 199 | 202 | 206 | 206 | 202 | 199 | 199 | 191  | 195  | 191 | 183  | 183  | 187  | 183  |
| 10      | 180 | 183 | 187 | 191 | 195 | 199 | 199 | 199 | 199 | 199 | 195 | 195  | 195  | 195 | 195  | 195  | 195  | 195  |
| 11      | 187 | 187 | 191 | 195 | 202 | 202 | 206 | 202 | 202 | 202 | 199 | 199  | 195  | 199 | 191  | 191  | 191  | 187  |
| 12D     | 180 | 183 | 191 | 199 | 202 | 202 | 202 | 202 | 202 | 199 | 199 | 195  | 191  | 195 | 195  | 195  | 191  | 191  |
| 13D     | 183 | 183 | 191 | 195 | 202 | 206 | 202 | 210 | 206 | 206 | 206 | 202  | 202  | 199 | 199  | 195  | 195  | 199  |
| 14D     | 191 | 191 | 195 | 199 | 202 | 202 | 202 | 202 | 199 | 195 | 195 | 199  | 202  | 202 | 202  | 202  | 202  | 206  |
| 15      | 191 | 195 | 195 | 183 | 191 | 199 | 195 | 187 | 187 | 187 | 183 | 88   | 104  | 123 | 126  | 180  | 206  | 199  |
| 16      | 183 | 187 | 191 | 195 | 191 | 191 | 191 | 195 | 210 | 225 | 202 | 172  | 176  | 86  | -200 | -26  | 81   | 168  |
| 17      | 157 | 180 | 183 | 183 | 191 | 202 | 199 | 195 | 191 | 218 | 180 | 180  | 153  | 115 | 161  | 134  | 111  | 172  |
| 18      | 172 | 176 | 183 | 187 | 195 | 199 | 202 | 195 | 195 | 191 | 191 | 187  | 183  | 183 | 172  | 183  | 195  | 195  |
| 19D     | 168 | 180 | 180 | 183 | 187 | 187 | 187 | 187 | 187 | 187 | 183 | 183  | 172  | 176 | 191  | 191  | 191  | 191  |
| 20      | 172 | 172 | 180 | 187 | 187 | 183 | 191 | 199 | 199 | 199 | 199 | 191  | 191  | 187 | 195  | 195  | 195  | 195  |
| 21      | 176 | 180 | 195 | 199 | 202 | 202 | 206 | 225 | 297 | 297 | 275 | 286  | 214  | 187 | 191  | 202  | 202  | 157  |
| 22D     | 187 | 172 | 172 | 187 | 195 | 335 | 259 | 248 | 313 | 149 | 199 | 58   | 115  | 28  | 12   | 58   | -3   | -124 |
| 23D     | 183 | 180 | 183 | 183 | 206 | 202 | 221 | 218 | 202 | 187 | 183 | 111  | -117 | -26 | 104  | -26  | 119  | 164  |
| 24      | 183 | 183 | 191 | 195 | 195 | 195 | 202 | 210 | 218 | 214 | 233 | 187  | 85   | 12  | 12   | 12   | 172  | 202  |
| 25      | 168 | 180 | 187 | 183 | 183 | 183 | 183 | 187 | 187 | 187 | 187 | 187  | 191  | 187 | 183  | 111  | 157  | 191  |
| 26      | 172 | 176 | 180 | 187 | 191 | 191 | 191 | 191 | 187 | 187 | 187 | 183  | 187  | 180 | 187  | 191  | 191  | 191  |
| 27      | 176 | 183 | 191 | 195 | 191 | 176 | 199 | 199 | 195 | 195 | 191 | 191  | 73   | -26 | 130  | 115  | 123  | 183  |
| 28      | 176 | 180 | 180 | 176 | 187 | 183 | 187 | 195 | 199 | 256 | 126 | 240  | 225  | 191 | 183  | 187  | 183  | 187  |
| 29      | 172 | 172 | 176 | 180 | 180 | 183 | 191 | 187 | 187 | 187 | 187 | 183  | 187  | 183 | 172  | 191  | 199  | 202  |
| 30D     | 180 | 168 | 172 | 183 | 199 | 214 | 218 | 278 | 309 | 271 | 275 | 12   | 66   | 81  | 77   | -37  | 104  | 176  |
| 31D     | 172 | 176 | 176 | 183 | 202 | 218 | 218 | 206 | 225 | 206 | 58  | -345 | -155 | 43  | -322 | -292 | -269 | -162 |
| Средн   | 176 | 179 | 185 | 189 | 194 | 200 | 201 | 204 | 211 | 203 | 192 | 160  | 149  | 139 | 126  | 114  | 123  | 160  |
| Средн Q | 180 | 183 | 188 | 194 | 198 | 200 | 200 | 204 | 199 | 197 | 196 | 194  | 192  | 193 | 194  | 193  | 193  | 194  |
| Средн D | 178 | 174 | 177 | 186 | 202 | 233 | 222 | 230 | 249 | 199 | 176 | 2    | 18   | 61  | 7    | -55  | -47  | 41   |

| 19  | 20  | 21  | 22  | 23  | 24  | Средне<br>суточн |
|-----|-----|-----|-----|-----|-----|------------------|
| 195 | 195 | 191 | 187 | 180 | 176 | 163              |
| 73  | 126 | 130 | 145 | 168 | 168 | 147              |
| 180 | 180 | 85  | 104 | 92  | 142 | 147              |
| 164 | 199 | 202 | 195 | 183 | 164 | 155              |
| 195 | 195 | 195 | 187 | 183 | 180 | 188              |
| 199 | 202 | 202 | 183 | 180 | 176 | 193              |
| 202 | 195 | 164 | 180 | 176 | 176 | 184              |
| 183 | 183 | 191 | 191 | 183 | 180 | 194              |
| 183 | 191 | 195 | 195 | 191 | 183 | 192              |
| 199 | 199 | 195 | 199 | 199 | 191 | 195              |
| 191 | 191 | 191 | 191 | 187 | 183 | 194              |
| 191 | 191 | 191 | 191 | 191 | 187 | 194              |
| 199 | 195 | 195 | 195 | 195 | 195 | 198              |
| 202 | 202 | 202 | 199 | 195 | 191 | 199              |
| 187 | 164 | 183 | 172 | 176 | 183 | 174              |
| 168 | 142 | 195 | 195 | 183 | 157 | 152              |
| 195 | 195 | 199 | 195 | 187 | 183 | 177              |
| 134 | 47  | 88  | 123 | 180 | 176 | 172              |
| 195 | 191 | 191 | 183 | 180 | 176 | 184              |
| 195 | 195 | 195 | 187 | 183 | 180 | 190              |
| 157 | 199 | 202 | 202 | 195 | 191 | 210              |
| 115 | 142 | 111 | 157 | 183 | 183 | 144              |
| 187 | 183 | 176 | 157 | 149 | 168 | 146              |
| 199 | 172 | 168 | 161 | 176 | 157 | 164              |
| 195 | 195 | 183 | 176 | 172 | 168 | 180              |
| 191 | 172 | 168 | 172 | 180 | 176 | 184              |
| 195 | 195 | 191 | 187 | 172 | 157 | 166              |
| 187 | 187 | 187 | 187 | 180 | 172 | 189              |
| 161 | 180 | 202 | 195 | 191 | 183 | 185              |
| 176 | 172 | 176 | 176 | 176 | 172 | 166              |
| -71 | 142 | 180 | 180 | 176 | 172 | 55               |
| 172 | 178 | 178 | 179 | 179 | 176 | 174              |
| 194 | 194 | 195 | 193 | 190 | 186 | 193              |
| 117 | 164 | 146 | 155 | 155 | 167 | 132              |

Станция Уэлен

Арктический и Антарктический научно-исследовательский институт

Год 1982месяц январьэлемент  $\bar{L} = 53400 \text{ НТЛ} + ..$ 

|         | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13   | 14  | 15   | 16   | 17   | 18  |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|------|------|------|-----|
| 1       | 141 | 141 | 141 | 141 | 141 | 141 | 141 | 141 | 141 | 137 | 133 | 125 | 74   | 55  | 90   | 67   | -4   | 59  |
| 2       | 133 | 137 | 137 | 137 | 137 | 137 | 133 | 129 | 129 | 129 | 129 | 106 | 51   | 67  | 12   | -39  | -39  | 67  |
| 3D      | 125 | 141 | 152 | 152 | 168 | 164 | 152 | 152 | 152 | 113 | 121 | 109 | 121  | 117 | 106  | -27  | -121 | 0   |
| 4       | 121 | 141 | 145 | 141 | 145 | 149 | 145 | 145 | 145 | 145 | 145 | 113 | 98   | 51  | 8    | -11  | -105 | -70 |
| 5       | 137 | 137 | 137 | 137 | 137 | 137 | 137 | 137 | 137 | 145 | 137 | 133 | 129  | 129 | 125  | 125  | 125  | 125 |
| 6       | 129 | 129 | 129 | 129 | 129 | 133 | 145 | 176 | 215 | 195 | 160 | 145 | 117  | 109 | 133  | 129  | 129  | 129 |
| 7       | 129 | 129 | 129 | 129 | 129 | 133 | 141 | 180 | 211 | 164 | 149 | 137 | 129  | 82  | 35   | 51   | -19  | 43  |
| 8       | 113 | 129 | 141 | 149 | 149 | 145 | 145 | 145 | 149 | 133 | 129 | 129 | 125  | 141 | 129  | 137  | 137  | 141 |
| 9Q      | 133 | 133 | 133 | 137 | 133 | 133 | 133 | 133 | 133 | 133 | 129 | 129 | 129  | 129 | 117  | 98   | 109  | 113 |
| 10      | 121 | 121 | 125 | 125 | 125 | 121 | 121 | 121 | 121 | 121 | 121 | 121 | 121  | 121 | 121  | 117  | 117  | 117 |
| 11      | 117 | 121 | 121 | 125 | 129 | 129 | 129 | 129 | 133 | 133 | 137 | 133 | 133  | 133 | 129  | 117  | 106  | 113 |
| 12Q     | 125 | 125 | 125 | 129 | 129 | 129 | 129 | 125 | 129 | 129 | 129 | 129 | 129  | 125 | 125  | 121  | 121  | 121 |
| 13Q     | 129 | 129 | 125 | 125 | 125 | 121 | 121 | 121 | 125 | 125 | 129 | 125 | 125  | 125 | 121  | 121  | 121  | 117 |
| 14Q     | 121 | 121 | 121 | 117 | 117 | 117 | 117 | 117 | 117 | 117 | 117 | 117 | 117  | 117 | 117  | 117  | 117  | 113 |
| 15      | 117 | 117 | 117 | 125 | 133 | 129 | 125 | 125 | 133 | 141 | 129 | 4   | -35  | -27 | -27  | 24   | 86   | 113 |
| 16      | 117 | 121 | 121 | 125 | 121 | 129 | 133 | 145 | 187 | 180 | 164 | 113 | 102  | 43  | -27  | -113 | -54  | 51  |
| 17      | 117 | 125 | 137 | 145 | 141 | 145 | 137 | 137 | 145 | 160 | 145 | 125 | 98   | 63  | 67   | 74   | 67   | 67  |
| 18      | 125 | 125 | 125 | 125 | 125 | 125 | 129 | 125 | 125 | 125 | 129 | 125 | 121  | 117 | 98   | 86   | 113  | 109 |
| 19Q     | 102 | 121 | 125 | 125 | 125 | 125 | 125 | 129 | 129 | 129 | 129 | 125 | 98   | 82  | 109  | 113  | 117  | 117 |
| 20      | 125 | 125 | 125 | 125 | 125 | 129 | 129 | 129 | 129 | 133 | 133 | 125 | 125  | 121 | 117  | 117  | 117  | 117 |
| 21      | 121 | 125 | 121 | 121 | 121 | 121 | 129 | 149 | 238 | 269 | 211 | 199 | 141  | 102 | 98   | 117  | 117  | 82  |
| 22D     | 113 | 117 | 117 | 129 | 152 | 230 | 242 | 242 | 223 | 90  | 113 | -50 | -74  | -7  | -19  | 20   | 51   | 82  |
| 23D     | 125 | 133 | 141 | 145 | 156 | 180 | 195 | 199 | 180 | 156 | 125 | 67  | 50   | -54 | -19  | 71   | 12   | 63  |
| 24      | 125 | 137 | 141 | 141 | 141 | 156 | 149 | 152 | 172 | 160 | 145 | 133 | 28   | -66 | -113 | -89  | 51   | 102 |
| 25      | 117 | 129 | 133 | 137 | 137 | 141 | 141 | 141 | 137 | 133 | 129 | 113 | 117  | 117 | 51   | 51   | 102  | 117 |
| 26      | 133 | 133 | 133 | 129 | 129 | 129 | 125 | 125 | 125 | 125 | 129 | 129 | 125  | 117 | 113  | 117  | 121  | 121 |
| 27      | 121 | 133 | 133 | 133 | 141 | 152 | 149 | 137 | 125 | 125 | 125 | 141 | 78   | 8   | 20   | 32   | 12   | 51  |
| 28      | 121 | 129 | 133 | 137 | 141 | 133 | 133 | 137 | 176 | 160 | 90  | 94  | 152  | 141 | 133  | 141  | 129  | 125 |
| 29      | 133 | 137 | 137 | 137 | 133 | 133 | 133 | 133 | 129 | 129 | 129 | 129 | 129  | 125 | 90   | 98   | 109  | 113 |
| 30D     | 125 | 129 | 156 | 176 | 172 | 187 | 164 | 187 | 187 | 121 | 90  | 20  | 8    | 32  | 47   | 4    | 51   | 94  |
| 31D     | 137 | 141 | 145 | 149 | 164 | 168 | 156 | 149 | 172 | 168 | 121 | 113 | -160 | 137 | 324  | 184  | 230  | 12  |
| Средн   | 124 | 129 | 132 | 134 | 137 | 142 | 141 | 145 | 153 | 143 | 132 | 111 | 84   | 82  | 78   | 70   | 72   | 88  |
| Средн Q | 122 | 126 | 126 | 127 | 126 | 125 | 125 | 125 | 127 | 127 | 127 | 125 | 120  | 116 | 118  | 114  | 117  | 116 |
| Средн D | 125 | 132 | 142 | 150 | 162 | 186 | 182 | 186 | 183 | 130 | 114 | 52  | -31  | 45  | 88   | 50   | 45   | 50  |

| 19  | 20  | 21  | 22  | 23  | 24  | СРЕДНЕ СУТОЧН |
|-----|-----|-----|-----|-----|-----|---------------|
| 109 | 121 | 121 | 129 | 133 | 137 | 115           |
| 4   | 4   | 4   | -11 | 63  | 106 | 78            |
| 71  | 74  | 55  | 71  | 90  | 106 | 98            |
| 12  | 71  | 98  | 117 | 129 | 137 | 92            |
| 125 | 125 | 129 | 129 | 137 | 129 | 132           |
| 125 | 121 | 113 | 121 | 125 | 129 | 137           |
| 106 | 94  | 86  | 86  | 102 | 109 | 111           |
| 137 | 98  | 109 | 121 | 125 | 125 | 132           |
| 106 | 106 | 109 | 109 | 113 | 121 | 123           |
| 113 | 113 | 113 | 109 | 106 | 109 | 118           |
| 113 | 113 | 117 | 117 | 121 | 121 | 124           |
| 121 | 121 | 121 | 121 | 121 | 125 | 125           |
| 117 | 117 | 117 | 117 | 117 | 117 | 122           |
| 113 | 113 | 113 | 117 | 117 | 117 | 117           |
| 98  | 94  | 86  | 94  | 106 | 113 | 88            |
| 51  | 51  | 63  | 90  | 113 | 121 | 89            |
| 98  | 117 | 125 | 125 | 129 | 129 | 117           |
| 59  | 97  | 70  | 12  | 90  | 90  | 93            |
| 117 | 121 | 121 | 121 | 121 | 121 | 119           |
| 117 | 121 | 121 | 121 | 125 | 125 | 124           |
| 35  | 78  | 106 | 109 | 117 | 117 | 131           |
| 78  | 59  | 35  | 43  | 90  | 117 | 91            |
| 90  | 94  | 109 | 106 | 102 | 106 | 101           |
| 117 | 102 | 90  | 82  | 98  | 113 | 94            |
| 121 | 121 | 125 | 129 | 133 | 137 | 121           |
| 117 | 109 | 106 | 94  | 90  | 109 | 120           |
| 82  | 94  | 98  | 102 | 106 | 117 | 101           |
| 129 | 129 | 129 | 129 | 129 | 129 | 132           |
| 74  | 90  | 102 | 113 | 121 | 125 | 120           |
| 125 | 121 | 125 | 129 | 129 | 133 | 113           |
| -89 | 59  | 121 | 129 | 141 | 149 | 126           |
| 90  | 92  | 97  | 103 | 114 | 121 | 113           |
| 115 | 116 | 116 | 116 | 117 | 119 | 121           |
| 55  | 81  | 89  | 96  | 110 | 122 | 106           |



элемент  $D = 14^{\circ}30'0'' + \dots$

| 19   | 20   | 21   | 22   | 23   | 24   | средне<br>суточн |  |  |
|------|------|------|------|------|------|------------------|--|--|
| 25   | 43   | 26   | 30   | 16   | 12   | 14,3             |  |  |
| 23   | 21   | 20   | 20   | 20   | 19   | 13,7             |  |  |
| 15   | 27   | 30   | 18   | 15   | 19   | 15,0             |  |  |
| 20   | 20   | 32   | 9    | 11   | 30   | 15,0             |  |  |
| 27   | 21   | 22   | 15   | 4    | 9    | 16,8             |  |  |
| 20   | 11   | 33   | 18   | 14   | 13   | 19,3             |  |  |
| 21   | 19   | 19   | 19   | 12   | 11   | 17,2             |  |  |
| 19   | 20   | 11   | 18   | 19   | 15   | 17,3             |  |  |
| 19   | 23   | 26   | 21   | 16   | 13   | 17,0             |  |  |
| 29   | 18   | 23   | 18   | 16   | 12   | 18,4             |  |  |
| 32   | 27   | 22   | 12   | -2   | 9    | 20,2             |  |  |
| 26   | -9   | -3   | 2    | 18   | 11   | 14,6             |  |  |
| 36   | 25   | 15   | 15   | 9    | 13   | 17,2             |  |  |
| 12   | 16   | 26   | 20   | 9    | 6    | 14,5             |  |  |
| 18   | 20   | 22   | 22   | 22   | 22   | 17,9             |  |  |
| 17   | 19   | 22   | 21   | 20   | 19   | 19,2             |  |  |
| 24   | 16   | 9    | 11   | 13   | 14   | 17,1             |  |  |
| 20   | 15   | 16   | 12   | 16   | 5    | 17,2             |  |  |
| 26   | 15   | 16   | 16   | 15   | 16   | 16,9             |  |  |
| 18   | 18   | 16   | 9    | 13   | 11   | 16,7             |  |  |
| 22   | 25   | 26   | 9    | 14   | 15   | 19,3             |  |  |
| 30   | 30   | 15   | 5    | 12   | -8   | 19,0             |  |  |
| 1    | 11   | 13   | 12   | 12   | 8    | 16,6             |  |  |
| 24   | 25   | 23   | 22   | 22   | 15   | 17,9             |  |  |
| 14   | 18   | 23   | 20   | 18   | 19   | 15,3             |  |  |
| 18   | 23   | 15   | -5   | 16   | 20   | 17,1             |  |  |
| 19   | 21   | 24   | 25   | 23   | 18   | 18,6             |  |  |
| 20   | 23   | 16   | 24   | 23   | 19   | 17,9             |  |  |
|      |      |      |      |      |      |                  |  |  |
|      |      |      |      |      |      |                  |  |  |
|      |      |      |      |      |      |                  |  |  |
| 21,2 | 20,0 | 19,9 | 15,6 | 14,9 | 13,8 | 17,0             |  |  |
|      |      |      |      |      |      |                  |  |  |
| 18,6 | 21,2 | 22,0 | 22,6 | 20,8 | 18,2 | 18,1             |  |  |
| 28,2 | 24,6 | 20,8 | 12,2 | 10,0 | 12,6 | 17,0             |  |  |

элемент  $H = 14000 \text{ НТл} \dots$

| 19   | 20   | 21   | 22  | 23  | 24  | средне<br>сумочн |  |  |
|------|------|------|-----|-----|-----|------------------|--|--|
| -33  | -314 | -117 | 20  | 134 | 168 | 62               |  |  |
| 149  | 157  | 157  | 149 | 149 | 157 | 156              |  |  |
| 12   | 96   | 157  | 85  | 58  | 81  | 141              |  |  |
| 5    | -10  | -10  | -26 | -18 | 119 | 59               |  |  |
| 168  | 187  | 168  | 153 | 115 | 161 | 158              |  |  |
| -132 | -254 | -18  | 50  | 73  | 149 | 38               |  |  |
| 126  | 145  | 134  | 130 | 123 | 142 | 180              |  |  |
| 96   | 73   | -64  | 157 | 180 | 164 | 161              |  |  |
| 145  | 145  | 168  | 172 | 168 | 172 | 198              |  |  |
| -124 | -41  | 88   | 149 | 153 | 100 | 24               |  |  |
| 172  | 149  | 191  | 58  | 66  | 130 | 68               |  |  |
| 58   | -193 | 109  | 111 | 115 | 96  | 140              |  |  |
| -330 | -299 | -162 | 66  | 157 | 191 | 13               |  |  |
| -102 | -200 | -18  | 73  | 81  | 149 | 89               |  |  |
| 195  | 191  | 191  | 191 | 187 | 183 | 98               |  |  |
| 176  | 183  | 187  | 180 | 172 | 168 | 173              |  |  |
| 149  | 180  | 153  | 180 | 180 | 180 | 101              |  |  |
| 176  | 88   | 134  | 149 | 153 | 85  | 138              |  |  |
| 126  | 119  | 157  | 191 | 172 | 183 | 121              |  |  |
| 157  | 149  | 149  | 115 | 149 | 164 | 157              |  |  |
| 180  | 168  | 138  | 119 | 168 | 168 | 145              |  |  |
| -284 | 20   | 58   | 73  | 50  | 88  | 16               |  |  |
| -117 | -48  | 111  | 111 | 107 | 149 | 81               |  |  |
| 187  | 191  | 183  | 180 | 130 | 126 | 155              |  |  |
| 81   | 149  | 195  | 180 | 172 | 164 | 201              |  |  |
| 172  | 172  | 96   | -10 | 111 | 180 | 175              |  |  |
| 168  | 180  | 180  | 172 | 161 | 149 | 173              |  |  |
| 183  | 134  | 134  | 168 | 161 | 157 | 165              |  |  |
|      |      |      |     |     |     |                  |  |  |
|      |      |      |     |     |     |                  |  |  |
|      |      |      |     |     |     |                  |  |  |
|      |      |      |     |     |     |                  |  |  |
| 63   | 54   | 94   | 120 | 130 | 147 | 121              |  |  |
|      |      |      |     |     |     |                  |  |  |
|      |      |      |     |     |     |                  |  |  |
|      |      |      |     |     |     |                  |  |  |
| 173  | 167  | 172  | 177 | 170 | 166 | 161              |  |  |
| -58  | 3    | 47   | 64  | 81  | 137 | 62               |  |  |

Станция Уэлен Арктический и Антарктический научно-исследовательский институт  
 Год 1982 месяц февраль элемент  $Z = 53400$  ч.т. + ...

|         | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8    | 9    | 10  | 11  | 12  | 13  | 14  | 15  | 16   | 17  | 18   |
|---------|-----|-----|-----|-----|-----|-----|-----|------|------|-----|-----|-----|-----|-----|-----|------|-----|------|
| 1       | 152 | 152 | 152 | 156 | 168 | 191 | 195 | 187  | 187  | 184 | 106 | -11 | 145 | 12  | 137 | 98   | 168 | 94   |
| 2D      | 152 | 160 | 168 | 199 | 219 | 78  | 28  | -125 | 12   | 113 | 117 | 191 | 129 | 480 | 145 | 141  | 149 | 156  |
| 3       | 156 | 156 | 156 | 156 | 152 | 184 | 219 | 184  | 176  | 67  | 98  | 51  | 98  | 51  | -62 | 67   | 129 | 137  |
| 4D      | 149 | 168 | 180 | 176 | 168 | 180 | 199 | 191  | 180  | 28  | 129 | 191 | 43  | 106 | 207 | 106  | 63  | 86   |
| 5       | 184 | 180 | 180 | 152 | 152 | 187 | 203 | 227  | 176  | 106 | 160 | 106 | 176 | 145 | 109 | 102  | 145 | -27  |
| 6       | 125 | 129 | 145 | 149 | 152 | 176 | 187 | 160  | 35   | 203 | 145 | 109 | -11 | 51  | 187 | 191  | 82  | 35   |
| 7       | 172 | 172 | 184 | 152 | 160 | 156 | 164 | 172  | 184  | 184 | 113 | 106 | 98  | 98  | 102 | 113  | 129 | 117  |
| 8       | 145 | 152 | 164 | 160 | 164 | 168 | 168 | 203  | 211  | 125 | 117 | 156 | 121 | 55  | 43  | 74   | 63  | -7   |
| 9Q      | 145 | 145 | 149 | 156 | 172 | 168 | 160 | 187  | 238  | 242 | 211 | 152 | 74  | 149 | 152 | 149  | 141 | 133  |
| 10      | 129 | 137 | 137 | 137 | 141 | 145 | 141 | 141  | 137  | 145 | 160 | 133 | 184 | 316 | 316 | -4   | 191 | 98   |
| 11D     | 168 | 168 | 160 | 164 | 168 | 156 | 215 | 246  | 195  | 176 | 168 | 113 | 82  | 28  | 332 | 121  | 152 | 43   |
| 12      | 176 | 149 | 149 | 149 | 149 | 149 | 149 | 145  | 145  | 149 | 156 | 4   | 74  | 121 | 137 | 133  | 98  | 102  |
| 13D     | 141 | 156 | 176 | 187 | 141 | 141 | 59  | 129  | 28   | 74  | 129 | 24  | 90  | 215 | 207 | 113  | 184 | 152  |
| 14      | 180 | 176 | 184 | 195 | 180 | 184 | 187 | 133  | 16   | 106 | 137 | 238 | 230 | 145 | 102 | 141  | 94  | 117  |
| 15Q     | 129 | 152 | 156 | 152 | 160 | 180 | 195 | 172  | 184  | 187 | 164 | 168 | 254 | 168 | 113 | 4    | 63  | 133  |
| 16Q     | 152 | 156 | 156 | 156 | 156 | 156 | 152 | 152  | 149  | 149 | 145 | 145 | 133 | 106 | 82  | 67   | 129 | 137  |
| 17      | 145 | 145 | 145 | 145 | 145 | 145 | 145 | 191  | 227  | 195 | 180 | 203 | 168 | 164 | 269 | 184  | -19 | -66  |
| 18      | 160 | 160 | 164 | 164 | 164 | 176 | 184 | 168  | 43   | 121 | 149 | 106 | 63  | 63  | -82 | -105 | 28  | 106  |
| 19      | 160 | 160 | 160 | 168 | 199 | 187 | 199 | 160  | 172  | 137 | 82  | 145 | 90  | 4   | 28  | -19  | 183 | 128  |
| 20      | 152 | 160 | 156 | 156 | 164 | 168 | 160 | 164  | 121  | 78  | 152 | 59  | -74 | -23 | 67  | 106  | 90  | 98   |
| 21      | 133 | 145 | 145 | 145 | 141 | 137 | 137 | 137  | 152  | 145 | 141 | -27 | -58 | 4   | 82  | 129  | 137 | 137  |
| 22D     | 121 | 133 | 152 | 160 | 187 | 180 | 180 | 172  | 156  | 149 | 28  | 12  | 117 | 230 | 371 | 293  | 152 | -167 |
| 23      | 172 | 207 | 172 | 156 | 156 | 152 | 160 | 152  | 152  | 156 | 160 | 152 | 90  | 82  | 51  | 74   | -82 | 63   |
| 24      | 152 | 172 | 203 | 199 | 203 | 215 | 191 | 199  | 203  | 117 | 12  | 121 | 78  | 63  | 51  | 12   | 55  | 71   |
| 25      | 191 | 176 | 176 | 191 | 254 | 254 | 230 | -50  | -113 | 20  | 152 | 113 | 4   | 12  | 67  | 28   | 109 | 125  |
| 26      | 156 | 172 | 168 | 203 | 246 | 211 | 230 | 184  | 152  | 121 | 59  | 86  | 145 | 137 | 137 | 113  | 133 | 137  |
| 27Q     | 149 | 152 | 164 | 168 | 172 | 172 | 156 | 156  | 172  | 137 | 82  | 117 | 121 | 90  | 78  | 121  | 121 | 121  |
| 28Q     | 145 | 145 | 149 | 149 | 149 | 145 | 141 | 141  | 141  | 152 | 152 | 141 | 129 | 82  | 106 | 121  | 106 | 74   |
| 29      |     |     |     |     |     |     |     |      |      |     |     |     |     |     |     |      |     |      |
| 30      |     |     |     |     |     |     |     |      |      |     |     |     |     |     |     |      |     |      |
| 31      |     |     |     |     |     |     |     |      |      |     |     |     |     |     |     |      |     |      |
| Средн   | 153 | 158 | 162 | 164 | 171 | 169 | 169 | 153  | 137  | 134 | 129 | 111 | 100 | 113 | 126 | 95   | 94  | 74   |
| Средн Q | 144 | 150 | 155 | 156 | 162 | 164 | 161 | 162  | 177  | 173 | 151 | 145 | 142 | 119 | 106 | 92   | 112 | 120  |
| Средн D | 146 | 157 | 167 | 177 | 177 | 147 | 136 | 123  | 114  | 108 | 114 | 106 | 92  | 212 | 252 | 155  | 140 | 54   |

| 19   | 20   | 21   | 22   | 23  | 24  | Средне<br>суточн |  |
|------|------|------|------|-----|-----|------------------|--|
| 191  | -253 | -191 | -105 | 82  | 129 | 97               |  |
| 152  | 152  | 152  | 156  | 156 | 156 | 143              |  |
| 90   | 74   | 109  | 117  | 106 | 125 | 116              |  |
| 109  | 20   | -35  | 16   | 55  | 152 | 119              |  |
| -11  | 74   | 86   | 117  | 106 | 113 | 131              |  |
| 35   | 4    | 20   | 59   | 39  | 98  | 104              |  |
| 98   | 98   | 106  | 106  | 117 | 121 | 134              |  |
| -43  | -27  | 12   | 90   | 137 | 141 | 108              |  |
| 125  | 102  | 102  | 117  | 121 | 121 | 150              |  |
| 86   | 59   | 35   | 121  | 152 | 156 | 141              |  |
| 67   | 82   | 117  | 113  | 109 | 137 | 145              |  |
| 67   | -35  | -121 | -19  | 94  | 102 | 101              |  |
| -11  | 51   | 113  | 149  | 133 | 141 | 122              |  |
| -19  | 67   | 59   | 59   | 86  | 106 | 129              |  |
| 152  | 156  | 156  | 152  | 149 | 149 | 152              |  |
| 141  | 137  | 141  | 141  | 145 | 145 | 139              |  |
| 63   | 145  | 129  | 145  | 145 | 152 | 145              |  |
| 125  | 98   | 125  | 106  | 102 | 137 | 105              |  |
| 0    | 55   | 106  | 113  | 133 | 149 | 95               |  |
| 78   | 59   | 94   | 98   | 113 | 121 | 105              |  |
| 137  | 129  | 121  | 67   | 47  | 94  | 107              |  |
| -292 | -113 | 39   | 117  | 125 | 156 | 111              |  |
| 12   | 55   | 32   | 71   | 106 | 137 | 110              |  |
| 94   | 106  | 109  | 113  | 125 | 152 | 126              |  |
| 78   | 106  | 137  | 141  | 149 | 152 | 113              |  |
| 125  | 129  | 129  | 67   | 94  | 141 | 145              |  |
| 129  | 133  | 137  | 137  | 137 | 141 | 136              |  |
| 109  | 102  | 90   | 106  | 129 | 137 | 127              |  |
|      |      |      |      |     |     |                  |  |
|      |      |      |      |     |     |                  |  |
|      |      |      |      |     |     |                  |  |
|      |      |      |      |     |     |                  |  |
| 67   | 63   | 75   | 95   | 114 | 134 | 123              |  |
|      |      |      |      |     |     |                  |  |
| 131  | 126  | 125  | 131  | 136 | 139 | 141              |  |
| 5    | 38   | 77   | 110  | 116 | 148 | 128              |  |



Станция Чален

Арктический и Антарктический научно-исследовательский институт

М-34

Год 1982 месяц мартэлемент D = 14°30' + ...

|            | 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         | 17   | 15   | 14   | 15   | 15   | 16   | 14   | 15   | 16   | 18   | 18   | 18   | 13   | 23   | 30   | 32   | 46   | 34   | 23   | 23   | 18   | 19   | 33   | 23   | 21,2             |  |  |
| 2D         | 20   | 24   | 15   | 8    | 27   | 12   | -5   | -9   | -19  | 16   | -13  | 20   | 16   | 16   | 54   | 49   | 18   | 2    | 10   | 13   | 3    | 4    | 12   | 15   | 12,8             |  |  |
| 3          | 13   | 14   | 12   | 15   | 17   | 19   | 15   | 15   | 18   | 13   | 15   | 20   | 13   | 11   | 22   | 23   | 25   | 25   | 25   | 24   | 21   | 21   | 20   | 19   | 18,1             |  |  |
| 4          | 18   | 17   | 17   | 17   | 17   | 16   | 16   | 16   | 15   | 15   | 22   | 6    | 25   | 21   | 19   | 18   | 17   | 22   | 26   | 24   | 23   | 23   | 20   | 18   | 18,7             |  |  |
| 5          | 9    | 11   | 15   | 13   | 13   | 13   | 15   | 15   | 16   | 25   | 25   | 19   | 18   | 19   | 19   | 17   | 18   | 19   | 21   | 22   | 22   | 21   | 19   | 18   | 17,6             |  |  |
| 6D         | 15   | 15   | 15   | 15   | 15   | 15   | 16   | 17   | 18   | 18   | 19   | 18   | 18   | 18   | 18   | 21   | 23   | 23   | 23   | 25   | 25   | 23   | 22   | 20   | 19,0             |  |  |
| 7D         | 18   | 15   | 14   | 12   | 13   | 15   | 16   | 17   | 18   | 18   | 18   | 18   | 18   | 20   | 20   | 20   | 21   | 21   | 23   | 25   | 25   | 25   | 23   | 20   | 18,9             |  |  |
| 8          | 15   | 12   | 9    | 10   | 11   | 13   | 16   | 17   | 15   | 15   | 16   | 18   | 18   | 20   | 22   | 23   | 28   | 34   | 32   | 37   | 32   | 20   | 22   | 13   | 19,5             |  |  |
| 9          | 14   | 6    | 7    | 11   | 13   | 13   | 15   | 16   | 15   | 13   | 11   | 18   | 19   | 20   | 22   | 24   | 22   | 31   | 30   | 26   | 26   | 14   | 12   | 14   | 17,2             |  |  |
| 10         | 11   | 13   | 9    | 11   | 14   | 13   | 13   | 17   | 19   | 12   | 22   | 18   | 17   | 18   | 18   | 15   | 12   | 20   | 22   | 23   | 24   | 22   | 20   | 15   | 16,6             |  |  |
| 11         | 13   | 12   | 11   | 11   | 11   | 18   | 13   | 15   | 18   | 18   | 18   | 17   | 16   | 19   | 20   | 19   | 16   | 23   | 20   | 25   | 27   | 26   | 23   | 20   | 17,9             |  |  |
| 12         | 18   | 14   | 12   | 11   | 12   | 14   | 15   | 17   | 18   | 17   | 17   | 18   | 18   | 19   | 20   | 20   | 15   | 34   | 32   | 34   | 29   | 30   | 21   | 18   | 19,7             |  |  |
| 13         | 13   | 11   | 9    | 10   | 10   | 6    | 11   | 13   | 15   | 13   | 13   | 22   | 23   | 22   | 25   | 21   | 21   | 22   | 23   | 25   | 24   | 24   | 20   | 17   | 17,2             |  |  |
| 14         | 13   | 11   | 11   | 11   | 13   | 14   | 17   | 17   | 18   | 17   | 18   | 23   | 25   | 22   | 23   | 18   | 24   | 30   | 23   | 30   | 29   | 27   | 22   | 15   | 19,6             |  |  |
| 15D        | 10   | 9    | 9    | 9    | 12   | 13   | 13   | 15   | 16   | 18   | 17   | 18   | 20   | 20   | 20   | 20   | 21   | 25   | 27   | 29   | 30   | 27   | 25   | 18   | 18,4             |  |  |
| 16D        | 15   | 11   | 10   | 9    | 12   | 14   | 16   | 16   | 14   | 18   | 17   | 18   | 20   | 20   | 20   | 20   | 20   | 23   | 25   | 27   | 27   | 26   | 24   | 20   | 18,4             |  |  |
| 17         | 16   | 13   | 12   | 12   | 13   | 13   | 15   | 15   | 16   | 16   | 18   | 23   | 25   | 32   | 32   | 27   | 29   | 31   | 30   | 23   | 25   | 27   | 21   | 12   | 20,7             |  |  |
| 18         | 11   | 11   | 9    | 11   | 13   | 16   | 18   | 17   | 16   | 17   | 15   | 28   | 22   | 21   | 17   | 16   | 13   | 19   | 22   | 23   | 21   | 20   | 20   | 17   | 17,2             |  |  |
| 19         | 11   | 11   | 10   | 10   | 15   | 15   | 17   | 18   | 17   | 17   | 18   | 23   | 22   | 18   | 19   | 18   | 19   | 19   | 21   | 22   | 22   | 20   | 18   | 19   | 17,5             |  |  |
| 20         | 16   | 15   | 14   | 14   | 15   | 15   | 15   | 13   | 14   | 19   | 11   | 20   | 20   | 20   | 18   | 28   | 24   | 15   | 15   | 20   | 21   | 17   | 20   | 15   | 17,2             |  |  |
| 21D        | 15   | 15   | 13   | 14   | 11   | 13   | 20   | 23   | 23   | 13   | 18   | 11   | 30   | 26   | 33   | 15   | 32   | 25   | 20   | 16   | 14   | 16   | 20   | 19   | 18,8             |  |  |
| 22D        | 14   | 14   | 12   | 11   | 11   | 17   | 22   | 19   | 17   | 22   | 22   | 14   | 22   | 20   | 25   | 28   | 24   | 6    | 20   | 26   | 25   | 20   | 18   | 15   | 18,5             |  |  |
| 23         | 15   | 15   | 15   | 14   | 16   | 17   | 18   | 18   | 20   | 20   | 23   | 21   | 19   | 20   | 20   | 20   | 20   | 22   | 24   | 25   | 23   | 22   | 19   | 18   | 19,3             |  |  |
| 24         | 17   | 15   | 15   | 15   | 15   | 16   | 17   | 17   | 18   | 18   | 19   | 21   | 20   | 21   | 21   | 19   | 15   | 18   | 23   | 19   | 23   | 25   | 23   | 21   | 18,8             |  |  |
| 25D        | 18   | 13   | 13   | 12   | 14   | 15   | 18   | 21   | 20   | 19   | 19   | 25   | 16   | -1   | 31   | 21   | 19   | 20   | 20   | 24   | 23   | 25   | 25   | 18   | 18,7             |  |  |
| 26         | 18   | 15   | 13   | 13   | 15   | 16   | 17   | 18   | 19   | 18   | 23   | 23   | 20   | 18   | 18   | 15   | 15   | 13   | 24   | 27   | 28   | 26   | 18   | 19   | 18,7             |  |  |
| 27         | 16   | 14   | 11   | 13   | 13   | 14   | 16   | 19   | 19   | 18   | 19   | 16   | 14   | 22   | 20   | 20   | 22   | 23   | 25   | 26   | 26   | 23   | 23   | 20   | 18,8             |  |  |
| 28D        | 18   | 15   | 10   | 10   | 11   | 13   | 15   | 17   | 19   | 18   | 18   | 18   | 19   | 19   | 17   | 18   | 20   | 20   | 23   | 23   | 23   | 24   | 22   | 20   | 17,9             |  |  |
| 29         | 18   | 15   | 14   | 12   | 9    | 11   | 17   | 29   | 18   | 19   | 18   | 18   | 18   | 18   | 18   | 18   | 20   | 23   | 25   | 26   | 27   | 28   | 25   | 18   | 19,2             |  |  |
| 30         | 16   | 11   | 10   | 9    | 11   | 11   | 15   | 15   | 16   | 14   | 14   | 13   | 2    | 30   | 23   | 23   | 21   | 20   | 25   | 27   | 25   | 23   | 22   | 20   | 17,3             |  |  |
| 31         | 13   | 13   | 9    | 7    | 11   | 9    | 5    | 5    | 15   | 18   | 18   | 18   | 27   | 27   | 25   | 23   | 21   | 6    | 19   | 24   | 22   | 25   | 22   | 16   | 16,6             |  |  |
| СРЕДН      | 15,0 | 13,4 | 11,9 | 11,7 | 13,5 | 14,0 | 14,9 | 15,9 | 16,0 | 17,1 | 17,0 | 18,7 | 19,1 | 20,0 | 22,9 | 21,6 | 21,3 | 21,5 | 23,3 | 24,6 | 23,6 | 22,4 | 21,1 | 17,7 | 18,3             |  |  |
| СРЕДН<br>Q | 15,2 | 13,0 | 11,6 | 11,0 | 12,6 | 14,0 | 15,2 | 16,4 | 17,0 | 18,0 | 17,8 | 18,0 | 19,0 | 19,4 | 19,0 | 19,8 | 21,0 | 22,9 | 24,2 | 25,8 | 26,0 | 25,0 | 23,2 | 19,6 | 18,5             |  |  |
| СРЕДН<br>D | 16,8 | 16,2 | 13,4 | 11,4 | 15,6 | 14,6 | 13,8 | 13,8 | 11,4 | 17,6 | 12,8 | 17,6 | 19,4 | 16,8 | 34,6 | 29,0 | 27,8 | 17,4 | 18,6 | 20,4 | 16,6 | 16,8 | 21,6 | 18,0 | 18,0             |  |  |

Станция Чэлен Арктический и Антарктический научно-исследовательский институт  
 Год 1982 месяц март элемент H=14000 м Тл...

M-34

|            | 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         | 157 | 161 | 164 | 168 | 180 | 191 | 218 | 214 | 206 | 221  | 210  | 183  | 58   | -41  | -269 | -588 | -124 | 104  | 164 | 202 | 187 | 119 | -45 | 88  | 89               |  |  |
| 2D         | 202 | 362 | 362 | 305 | 438 | 438 | 286 | -3  | 316 | -269 | -561 | -52  | -417 | -672 | -561 | -417 | -208 | -64  | 73  | 126 | 58  | 81  | 145 | 164 | 6                |  |  |
| 3          | 164 | 172 | 176 | 172 | 164 | 183 | 180 | 164 | 164 | 123  | 157  | 157  | 58   | -102 | -102 | 88   | 115  | 157  | 180 | 191 | 176 | 176 | 172 | 168 | 136              |  |  |
| 4          | 161 | 168 | 168 | 172 | 176 | 176 | 183 | 187 | 187 | 183  | 195  | -102 | 164  | 191  | 180  | 168  | 138  | 142  | 172 | 168 | 164 | 202 | 145 | 130 | 159              |  |  |
| 5          | 142 | 157 | 168 | 164 | 180 | 206 | 248 | 218 | 202 | 229  | 210  | 187  | 172  | 172  | 172  | 164  | 168  | 168  | 168 | 164 | 164 | 164 | 157 | 153 | 179              |  |  |
| 6D         | 149 | 153 | 157 | 164 | 172 | 176 | 180 | 180 | 183 | 180  | 180  | 183  | 183  | 183  | 176  | 176  | 176  | 172  | 168 | 164 | 168 | 164 | 157 | 153 | 171              |  |  |
| 7D         | 149 | 149 | 157 | 157 | 172 | 180 | 183 | 187 | 191 | 187  | 187  | 187  | 187  | 187  | 187  | 187  | 183  | 187  | 187 | 180 | 176 | 172 | 164 | 157 | 177              |  |  |
| 8          | 157 | 153 | 164 | 172 | 183 | 191 | 195 | 202 | 206 | 202  | 199  | 195  | 191  | 191  | 187  | 172  | 153  | 142  | 161 | 164 | 149 | 138 | 145 | 149 | 173              |  |  |
| 9          | 126 | 130 | 157 | 161 | 180 | 195 | 187 | 187 | 206 | 256  | 335  | 263  | 214  | 187  | 149  | 81   | -193 | 35   | 142 | 168 | 142 | 111 | 142 | 149 | 155              |  |  |
| 10         | 134 | 172 | 210 | 248 | 248 | 221 | 233 | 271 | 316 | 343  | 221  | 195  | 180  | 168  | 164  | 119  | 81   | 172  | 187 | 180 | 161 | 142 | 142 | 145 | 194              |  |  |
| 11         | 153 | 153 | 161 | 172 | 181 | 221 | 218 | 195 | 183 | 183  | 183  | 187  | 172  | 134  | 161  | 168  | 123  | 134  | 123 | 168 | 164 | 164 | 161 | 153 | 167              |  |  |
| 12         | 153 | 153 | 157 | 164 | 180 | 187 | 195 | 199 | 199 | 199  | 195  | 191  | 191  | 191  | 183  | 157  | 50   | 111  | 172 | 168 | 157 | 183 | 180 | 161 | 170              |  |  |
| 13         | 157 | 153 | 161 | 164 | 199 | 225 | 218 | 263 | 259 | 229  | 244  | 218  | 191  | 172  | 172  | 172  | 176  | 180  | 183 | 176 | 168 | 164 | 161 | 145 | 190              |  |  |
| 14         | 145 | 161 | 157 | 168 | 180 | 187 | 191 | 195 | 195 | 202  | 206  | 202  | 176  | 172  | 172  | 104  | 58   | 81   | 66  | 145 | 172 | 172 | 161 | 157 | 159              |  |  |
| 15D        | 151 | 161 | 168 | 180 | 180 | 195 | 202 | 210 | 202 | 195  | 199  | 199  | 187  | 183  | 183  | 180  | 168  | 168  | 180 | 183 | 176 | 168 | 157 | 153 | 180              |  |  |
| 16D        | 149 | 153 | 168 | 176 | 183 | 195 | 206 | 210 | 206 | 202  | 206  | 202  | 195  | 195  | 191  | 187  | 180  | 180  | 187 | 191 | 180 | 172 | 161 | 153 | 184              |  |  |
| 17         | 149 | 157 | 164 | 176 | 187 | 199 | 199 | 202 | 206 | 210  | 218  | 218  | 210  | 96   | 134  | 199  | 210  | 214  | 202 | 202 | 210 | 195 | 168 | 172 | 187              |  |  |
| 18         | 168 | 172 | 168 | 187 | 202 | 199 | 199 | 214 | 233 | 259  | 104  | 66   | 199  | 187  | 183  | 164  | 119  | 164  | 191 | 187 | 164 | 157 | 157 | 145 | 174              |  |  |
| 19         | 142 | 161 | 172 | 195 | 183 | 183 | 187 | 195 | 195 | 195  | 195  | 191  | 183  | 191  | 191  | 191  | 191  | 191  | 191 | 187 | 180 | 180 | 172 | 157 | 183              |  |  |
| 20         | 153 | 149 | 153 | 164 | 176 | 187 | 191 | 206 | 214 | 229  | 180  | 195  | 195  | 164  | 50   | 96   | 130  | 164  | 157 | 164 | 187 | 183 | 164 | 157 | 167              |  |  |
| 21D        | 161 | 161 | 164 | 187 | 187 | 187 | 225 | 309 | 294 | 221  | 191  | 73   | 58   | 88   | -174 | -216 | 73   | 199  | 176 | 104 | 142 | 180 | 172 | 142 | 138              |  |  |
| 22D        | 138 | 164 | 248 | 290 | 354 | 366 | 320 | 301 | 233 | 218  | 164  | 35   | -113 | -33  | -48  | -48  | 81   | 16   | 145 | 195 | 210 | 191 | 180 | 172 | 157              |  |  |
| 23         | 164 | 164 | 161 | 172 | 176 | 183 | 187 | 180 | 187 | 187  | 191  | 191  | 176  | 88   | 142  | 187  | 187  | 187  | 187 | 191 | 187 | 180 | 176 | 164 | 175              |  |  |
| 24         | 161 | 161 | 161 | 172 | 180 | 191 | 191 | 199 | 202 | 210  | 218  | 210  | 206  | 206  | 214  | 202  | 149  | 69   | 149 | 180 | 206 | 199 | 180 | 168 | 183              |  |  |
| 25D        | 153 | 157 | 149 | 172 | 176 | 187 | 195 | 191 | 199 | 229  | 149  | 172  | -64  | -109 | 138  | 164  | 157  | 172  | 183 | 187 | 176 | 161 | 149 | 138 | 149              |  |  |
| 26         | 149 | 149 | 157 | 168 | 180 | 183 | 191 | 191 | 195 | 199  | 202  | 187  | 180  | 172  | 176  | 164  | 107  | 123  | 180 | 187 | 172 | 157 | 142 | 149 | 169              |  |  |
| 27         | 149 | 149 | 149 | 164 | 180 | 187 | 191 | 191 | 199 | 195  | 195  | 183  | 142  | 195  | 195  | 195  | 195  | 191  | 187 | 180 | 172 | 172 | 161 | 157 | 178              |  |  |
| 28D        | 157 | 157 | 161 | 195 | 176 | 180 | 180 | 195 | 191 | 195  | 195  | 195  | 195  | 202  | 199  | 191  | 191  | 191  | 187 | 183 | 183 | 180 | 168 | 161 | 184              |  |  |
| 29         | 157 | 161 | 164 | 183 | 225 | 229 | 301 | 316 | 263 | 267  | 199  | 187  | 187  | 187  | 183  | 187  | 187  | 187  | 187 | 183 | 176 | 164 | 161 | 149 | 200              |  |  |
| 30         | 157 | 153 | 164 | 187 | 225 | 202 | 210 | 210 | 210 | 229  | 244  | 119  | -56  | -86  | 142  | 172  | 157  | 123  | 187 | 180 | 172 | 164 | 142 | 134 | 156              |  |  |
| 31         | 149 | 183 | 176 | 210 | 233 | 252 | 248 | 434 | 339 | 202  | 202  | 172  | 126  | 96   | 96   | 183  | 119  | -102 | -18 | 100 | 107 | 130 | 142 | 126 | 163              |  |  |
| Средн      | 153 | 165 | 173 | 185 | 201 | 209 | 211 | 213 | 219 | 197  | 175  | 161  | 127  | 102  | 102  | 102  | 113  | 134  | 161 | 173 | 168 | 164 | 153 | 151 | 163              |  |  |
| Средн<br>Q | 151 | 155 | 162 | 174 | 177 | 185 | 190 | 196 | 195 | 192  | 193  | 193  | 189  | 190  | 187  | 184  | 180  | 180  | 182 | 180 | 177 | 171 | 161 | 155 | 179              |  |  |
| Средн<br>D | 162 | 201 | 217 | 224 | 267 | 274 | 249 | 202 | 250 | 124  | 31   | 82   | -96  | -153 | -183 | -221 | -4   | 85   | 148 | 163 | 155 | 146 | 120 | 141 | 108              |  |  |



Станция Тэлен

Арктический и Антарктический научно-исследовательский институт

Год 1982

месяц

мартэлемент  $\Sigma = 53400 \text{ Н/л} + \dots$ 

|         | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1D      | 145 | 149 | 149 | 149 | 149 | 149 | 168 | 207 | 184 | 191 | 168 | 145 | 51  | 133 | 285 | 464 | 184 | 82  |
| 2D      | 227 | 176 | 156 | 20  | 136 | 160 | 50  | -97 | -43 | -27 | 199 | 238 | 293 | 74  | 82  | 78  | -15 | 121 |
| 3       | 168 | 176 | 176 | 172 | 172 | 172 | 160 | 160 | 160 | 121 | 102 | 129 | 94  | 32  | -43 | 4   | 35  | 67  |
| 4       | 156 | 156 | 156 | 156 | 152 | 149 | 149 | 149 | 152 | 156 | 90  | 12  | 51  | 129 | 137 | 121 | 94  | 86  |
| 5       | 149 | 160 | 168 | 160 | 168 | 187 | 238 | 195 | 180 | 180 | 145 | 137 | 137 | 137 | 137 | 137 | 137 | 133 |
| 6Q      | 149 | 149 | 152 | 149 | 145 | 145 | 145 | 141 | 141 | 141 | 141 | 141 | 137 | 137 | 121 | 113 | 125 | 133 |
| 7Q      | 137 | 137 | 141 | 145 | 141 | 141 | 137 | 137 | 137 | 137 | 137 | 137 | 133 | 133 | 133 | 133 | 129 | 129 |
| 8       | 137 | 141 | 145 | 149 | 152 | 152 | 149 | 145 | 149 | 156 | 156 | 152 | 145 | 133 | 121 | 109 | 71  | 59  |
| 9       | 152 | 176 | 152 | 141 | 145 | 149 | 160 | 156 | 152 | 168 | 152 | 152 | 168 | 141 | 117 | 59  | 39  | -31 |
| 10      | 145 | 168 | 203 | 207 | 187 | 164 | 164 | 176 | 211 | 219 | 211 | 168 | 149 | 133 | 121 | 109 | 59  | 90  |
| 11      | 137 | 145 | 149 | 152 | 156 | 195 | 187 | 187 | 149 | 141 | 137 | 133 | 125 | 63  | 63  | 90  | 82  | 86  |
| 12      | 129 | 137 | 141 | 141 | 145 | 141 | 141 | 145 | 149 | 145 | 141 | 137 | 133 | 133 | 121 | 102 | -7  | -27 |
| 13      | 121 | 133 | 145 | 156 | 152 | 168 | 176 | 187 | 195 | 176 | 180 | 164 | 137 | 98  | 90  | 106 | 113 | 121 |
| 14      | 137 | 141 | 145 | 149 | 145 | 145 | 141 | 141 | 137 | 145 | 152 | 168 | 133 | 121 | 94  | 86  | -11 | -7  |
| 15Q     | 121 | 129 | 141 | 149 | 149 | 145 | 156 | 164 | 149 | 145 | 149 | 152 | 152 | 141 | 133 | 129 | 121 | 109 |
| 16Q     | 137 | 141 | 145 | 149 | 152 | 152 | 149 | 145 | 156 | 156 | 156 | 160 | 149 | 141 | 129 | 125 | 129 | 125 |
| 17      | 125 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 133 | 141 | 156 | 125 | 51  | 59  | 102 | 109 | 113 |
| 18      | 129 | 137 | 149 | 152 | 152 | 149 | 149 | 152 | 172 | 156 | 109 | 82  | 102 | 102 | 113 | 117 | 90  | 106 |
| 19      | 145 | 156 | 156 | 164 | 152 | 141 | 137 | 149 | 149 | 145 | 141 | 129 | 117 | 125 | 121 | 125 | 129 | 133 |
| 20      | 149 | 149 | 149 | 145 | 145 | 149 | 160 | 176 | 176 | 191 | 109 | 125 | 129 | 90  | -78 | -31 | 12  | 78  |
| 21D     | 133 | 137 | 141 | 145 | 149 | 160 | 195 | 195 | 191 | 113 | 129 | 152 | 20  | -11 | -11 | 59  | -27 | 94  |
| 22D     | 156 | 176 | 199 | 199 | 238 | 215 | 223 | 219 | 199 | 160 | 98  | 106 | 47  | 71  | 43  | 67  | 82  | 67  |
| 23      | 145 | 145 | 145 | 145 | 141 | 137 | 137 | 137 | 137 | 149 | 152 | 149 | 125 | 35  | 67  | 102 | 129 | 141 |
| 24      | 149 | 149 | 149 | 149 | 145 | 141 | 141 | 137 | 137 | 141 | 164 | 149 | 137 | 129 | 125 | 113 | 78  | 24  |
| 25D     | 133 | 145 | 156 | 160 | 152 | 149 | 156 | 164 | 160 | 164 | 71  | 86  | -27 | -39 | -19 | 59  | 98  | 125 |
| 26      | 141 | 141 | 149 | 149 | 149 | 145 | 145 | 145 | 141 | 149 | 141 | 117 | 109 | 106 | 121 | 121 | 74  | 86  |
| 27      | 145 | 149 | 156 | 160 | 152 | 149 | 152 | 156 | 156 | 152 | 145 | 90  | 35  | 94  | 109 | 117 | 125 | 137 |
| 28Q     | 137 | 141 | 145 | 149 | 156 | 160 | 152 | 149 | 149 | 141 | 137 | 133 | 129 | 125 | 125 | 125 | 129 | 129 |
| 29      | 129 | 129 | 133 | 137 | 137 | 152 | 199 | 176 | 145 | 168 | 137 | 133 | 129 | 125 | 125 | 125 | 129 | 133 |
| 30      | 121 | 125 | 133 | 137 | 160 | 164 | 156 | 152 | 141 | 164 | 156 | 55  | -19 | 28  | 63  | 98  | 109 | 86  |
| 31      | 149 | 168 | 164 | 164 | 184 | 172 | 207 | 273 | 254 | 187 | 160 | 117 | 55  | 12  | 16  | 98  | 82  | 12  |
| Средн   | 143 | 148 | 152 | 149 | 146 | 145 | 155 | 156 | 155 | 150 | 142 | 132 | 110 | 94  | 91  | 108 | 85  | 88  |
| Средн Q | 136 | 139 | 145 | 148 | 149 | 149 | 148 | 147 | 146 | 144 | 144 | 145 | 140 | 135 | 128 | 125 | 127 | 125 |
| Средн D | 159 | 157 | 160 | 135 | 110 | 103 | 138 | 138 | 138 | 120 | 133 | 145 | 77  | 46  | 76  | 145 | 64  | 98  |

| 19  | 20  | 21  | 22  | 23  | 24  | Средне<br>суточн |
|-----|-----|-----|-----|-----|-----|------------------|
| 102 | 102 | 113 | 125 | 168 | 269 | 168              |
| 82  | 117 | 129 | 106 | 109 | 149 | 76               |
| 109 | 125 | 141 | 145 | 149 | 152 | 120              |
| 113 | 137 | 137 | 137 | 137 | 133 | 127              |
| 133 | 133 | 129 | 133 | 137 | 141 | 154              |
| 133 | 133 | 133 | 133 | 137 | 137 | 138              |
| 129 | 129 | 129 | 129 | 129 | 129 | 134              |
| 67  | 78  | 106 | 102 | 98  | 109 | 124              |
| 12  | 67  | 106 | 78  | 90  | 117 | 117              |
| 125 | 137 | 129 | 129 | 133 | 141 | 153              |
| 78  | 71  | 78  | 86  | 102 | 113 | 121              |
| 59  | 86  | 90  | 78  | 86  | 106 | 110              |
| 129 | 129 | 129 | 129 | 121 | 129 | 141              |
| 47  | 59  | 74  | 94  | 106 | 117 | 111              |
| 113 | 117 | 125 | 133 | 133 | 133 | 137              |
| 125 | 125 | 121 | 121 | 121 | 125 | 139              |
| 113 | 109 | 113 | 117 | 121 | 125 | 118              |
| 125 | 133 | 133 | 133 | 137 | 137 | 130              |
| 133 | 133 | 133 | 129 | 137 | 137 | 138              |
| 90  | 90  | 113 | 125 | 133 | 137 | 113              |
| 121 | 90  | 109 | 113 | 133 | 152 | 112              |
| 39  | 86  | 117 | 129 | 141 | 145 | 134              |
| 145 | 141 | 141 | 137 | 137 | 137 | 132              |
| 55  | 82  | 106 | 117 | 121 | 125 | 123              |
| 141 | 141 | 137 | 137 | 137 | 141 | 114              |
| 109 | 129 | 133 | 129 | 133 | 137 | 129              |
| 137 | 137 | 137 | 133 | 137 | 137 | 133              |
| 129 | 125 | 125 | 125 | 125 | 125 | 136              |
| 133 | 129 | 129 | 125 | 121 | 121 | 137              |
| 117 | 129 | 125 | 121 | 125 | 129 | 116              |
| 121 | 31  | 55  | 117 | 137 | 149 | 116              |
| 97  | 109 | 119 | 121 | 127 | 137 | 127              |
| 126 | 126 | 127 | 128 | 129 | 130 | 137              |
| 97  | 107 | 121 | 122 | 138 | 171 | 121              |

Станция Уэлен

Арктический и Антарктический научно-исследовательский институт

М-34

Год 1982месяц апрельэлемент  $\odot = 14^{\circ}30'0'' + \dots$ 

|           | 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         | 13   | 12   | 12   | 12   | 12   | 13   | 15   | 16   | 17   | 15   | 16   | 18   | 19   | 19   | 22   | 25   | 23   | 23   | 24   | 25   | 28   | 9    | 23   | 18   | 17,9             |  |  |
| 2D        | 19   | 14   | 9    | 12   | 8    | 8    | 10   | 12   | 4    | 20   | 18   | 18   | 24   | 34   | 43   | 64   | 18   | 30   | 20   | 13   | 12   | 15   | 16   | 13   | 18,9             |  |  |
| 3D        | 14   | 11   | 6    | 9    | 13   | 15   | 17   | 16   | 10   | 5    | 2    | 9    | 15   | 9    | 30   | 43   | 32   | 32   | 29   | 19   | 18   | 15   | 16   | 12   | 16,5             |  |  |
| 4         | 9    | 12   | 12   | 10   | 8    | 8    | 13   | 9    | 13   | 15   | 15   | 15   | 16   | 15   | 25   | 25   | 24   | 29   | 18   | 19   | 25   | 18   | 14   | 13   | 15,8             |  |  |
| 5         | 9    | 6    | 6    | 6    | 13   | 10   | 11   | 15   | 12   | 17   | 21   | 20   | 17   | 16   | 17   | 18   | 20   | 20   | 18   | 15   | 25   | 23   | 18   | 15   | 15,3             |  |  |
| 6         | 17   | 15   | 11   | 10   | 10   | 11   | 12   | 20   | 16   | 18   | 18   | 16   | 23   | 15   | 18   | 29   | 16   | 23   | 32   | 25   | 19   | 17   | 17   | 16   | 17,7             |  |  |
| 7Q        | 13   | 13   | 14   | 13   | 14   | 15   | 15   | 15   | 15   | 20   | 18   | 18   | 18   | 18   | 20   | 20   | 20   | 22   | 23   | 26   | 26   | 23   | 19   | 18   | 18,2             |  |  |
| 8         | 16   | 15   | 13   | 13   | 13   | 13   | 12   | 11   | 15   | 19   | 17   | 20   | 17   | 13   | 19   | 26   | 25   | 25   | 25   | 25   | 19   | 16   | 16   | 16   | 17,5             |  |  |
| 9         | 14   | 13   | 11   | 10   | 10   | 13   | 15   | 16   | 13   | 15   | 16   | 18   | 20   | 18   | 19   | 28   | 29   | 33   | 32   | 32   | 27   | 25   | 22   | 20   | 19,5             |  |  |
| 10D       | 13   | 10   | 6    | 6    | 6    | 6    | 9    | 9    | 3    | -1   | 6    | 5    | 15   | 12   | 40   | 27   | 29   | 29   | 29   | 16   | 9    | 16   | 9    | 9    | 13,2             |  |  |
| 11D       | 15   | 9    | 6    | 7    | 11   | 13   | 2    | 11   | 1    | 6    | 18   | 18   | 16   | 18   | 18   | 12   | 24   | 20   | 22   | 20   | 23   | 20   | 22   | 17   | 14,5             |  |  |
| 12        | 15   | 13   | 13   | 13   | 14   | 15   | 15   | 16   | 16   | 16   | 9    | 16   | 23   | 23   | 15   | 20   | 23   | 25   | 23   | 25   | 25   | 27   | 26   | 20   | 18,6             |  |  |
| 13        | 19   | 16   | 14   | 13   | 13   | 11   | 13   | 14   | 16   | 18   | 18   | 22   | 23   | 21   | 18   | 18   | 20   | 22   | 23   | 25   | 25   | 28   | 20   | 17   | 18,6             |  |  |
| 14Q       | 16   | 15   | 15   | 14   | 14   | 15   | 18   | 18   | 18   | 17   | 18   | 18   | 19   | 19   | 18   | 19   | 17   | 27   | 26   | 27   | 27   | 25   | 20   | 18   | 19,1             |  |  |
| 15        | 15   | 15   | 13   | 13   | 13   | 15   | 16   | 18   | 22   | 19   | 23   | 20   | 18   | 26   | 27   | 23   | 27   | 24   | 26   | 24   | 23   | 19   | 18   | 20   | 19,9             |  |  |
| 16        | 13   | 13   | 11   | 11   | 12   | 15   | 15   | 16   | 18   | 17   | 17   | 17   | 18   | 20   | 20   | 21   | 22   | 18   | 27   | 25   | 23   | 20   | 19   | 19   | 17,8             |  |  |
| 17        | 14   | 13   | 11   | 13   | 15   | 15   | 16   | 17   | -2   | -9   | -2   | 15   | 16   | 16   | 22   | 23   | 27   | 23   | 23   | 22   | 22   | 21   | 20   | 15   | 15,2             |  |  |
| 18        | 16   | 16   | 15   | 15   | 15   | 16   | 18   | 17   | 17   | 17   | 18   | 18   | 18   | 18   | 24   | 24   | 19   | 17   | 23   | 19   | 15   | 18   | 14   | 18   | 17,7             |  |  |
| 19Q       | 17   | 14   | 14   | 14   | 14   | 15   | 16   | 15   | 17   | 18   | 18   | 19   | 18   | 18   | 16   | 12   | 29   | 27   | 27   | 25   | 24   | 20   | 15   | 15   | 18,2             |  |  |
| 20        | 13   | 12   | 12   | 13   | 12   | 10   | 13   | 19   | 20   | 18   | 18   | 16   | 25   | 24   | 23   | 22   | 23   | 23   | 22   | 23   | 23   | 23   | 20   | 19   | 18,6             |  |  |
| 21        | 10   | 11   | 15   | 13   | 13   | 15   | 20   | 40   | 18   | 16   | 22   | 23   | 19   | 13   | 15   | 17   | 22   | 20   | 26   | 18   | 24   | 20   | 17   | 17   | 18,5             |  |  |
| 22        | 14   | 14   | 12   | 9    | 12   | 11   | 18   | 18   | 15   | 15   | 16   | 17   | 18   | 18   | 19   | 19   | 19   | 22   | 25   | 25   | 22   | 19   | 18   | 17   | 17,2             |  |  |
| 23Q       | 15   | 11   | 11   | 12   | 13   | 14   | 16   | 21   | 24   | 16   | 20   | 14   | 23   | 19   | 20   | 20   | 21   | 23   | 26   | 25   | 23   | 19   | 15   | 15   | 18,2             |  |  |
| 24        | 12   | 11   | 9    | 11   | 13   | 15   | 17   | 18   | 18   | 18   | 18   | 18   | 18   | 19   | 13   | 17   | 23   | 27   | 26   | 25   | 25   | 20   | 18   | 14   | 17,6             |  |  |
| 25D       | 13   | 13   | 6    | 8    | 10   | 1    | 5    | 5    | 5    | -30  | -8   | 19   | 23   | 20   | 25   | 23   | 18   | 22   | 26   | 26   | 23   | 22   | 19   | 15   | 12,9             |  |  |
| 26Q       | 13   | 12   | 12   | 13   | 15   | 18   | 18   | 18   | 15   | 16   | 14   | 19   | 18   | 15   | 16   | 20   | 19   | 20   | 26   | 25   | 24   | 20   | 19   | 16   | 17,5             |  |  |
| 27        | 15   | 14   | 13   | 13   | 15   | 15   | 18   | 17   | 15   | 16   | 17   | 17   | 18   | 18   | 19   | 11   | 16   | 32   | 32   | 30   | 26   | 26   | 16   | 11   | 18,3             |  |  |
| 28        | 13   | 16   | 9    | 7    | 8    | 12   | 9    | 11   | 13   | 14   | 16   | 15   | 18   | 13   | 23   | 23   | 25   | 25   | 29   | 25   | 21   | 26   | 22   | 19   | 17,2             |  |  |
| 29        | 11   | 10   | 7    | 8    | 10   | 9    | 9    | 13   | 15   | 19   | 18   | 18   | 18   | 20   | 27   | 29   | 27   | 26   | 23   | 0    | 7    | 15   | 14   | 23   | 15,7             |  |  |
| 30        | 9    | 9    | 13   | 7    | 6    | 4    | 14   | 14   | 14   | 16   | 20   | 18   | 18   | 18   | 5    | 6    | 9    | 24   | 23   | 24   | 20   | 22   | 21   | 22   | 14,8             |  |  |
| 31        |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                  |  |  |
| срзн      | 13,8 | 12,6 | 11,0 | 10,9 | 11,8 | 12,2 | 13,8 | 15,8 | 13,8 | 13,2 | 15,2 | 17,1 | 19,0 | 18,2 | 21,2 | 22,8 | 22,2 | 24,9 | 25,1 | 22,4 | 21,8 | 20,2 | 18,1 | 16,6 | 17,2             |  |  |
| срзн<br>Q | 14,8 | 13,0 | 13,2 | 13,2 | 14,0 | 15,4 | 16,6 | 17,4 | 17,8 | 17,4 | 17,6 | 17,6 | 19,2 | 17,8 | 18,0 | 18,2 | 21,2 | 23,8 | 25,6 | 25,6 | 24,8 | 21,4 | 17,6 | 16,4 | 18,2             |  |  |
| срзн<br>D | 14,8 | 11,4 | 6,6  | 8,4  | 9,6  | 8,6  | 8,6  | 10,6 | 4,6  | 0,0  | 7,2  | 13,8 | 18,6 | 18,6 | 31,2 | 33,8 | 24,2 | 26,6 | 25,2 | 18,8 | 17,0 | 17,6 | 16,4 | 13,2 | 15,2             |  |  |

Станция Чэлен

Арктический и Антарктический научно-исследовательский институт

Год 1982 месяц апрельэлемент H=14000 м Тл +

|        | 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      | 149 | 168 | 157 | 161 | 168 | 176 | 183 | 195 | 195 | 214 | 221 | 157  | 187  | 183  | 176  | 199  | 202  | 199  | 199  | 195  | 157  | 126 | 119 | 134 | 176              |  |  |
| 2D     | 164 | 221 | 221 | 309 | 263 | 233 | 271 | 362 | 484 | 309 | 195 | 180  | 149  | -109 | -436 | -542 | -413 | -383 | -162 | -7   | -3   | 73  | 81  | 111 | 65               |  |  |
| 3D     | 168 | 183 | 149 | 263 | 362 | 377 | 392 | 332 | 256 | 286 | 271 | -26  | -71  | -162 | -269 | -387 | -303 | -269 | -155 | -3   | 69   | 92  | 157 | 176 | 79               |  |  |
| 4      | 161 | 210 | 248 | 237 | 248 | 256 | 301 | 286 | 278 | 278 | 210 | 202  | 187  | 50   | 85   | 111  | 119  | 100  | -3   | 88   | 115  | 77  | 115 | 126 | 170              |  |  |
| 5      | 115 | 134 | 164 | 202 | 324 | 225 | 187 | 263 | 351 | 286 | 111 | 206  | 180  | 172  | 153  | 164  | 164  | 138  | 92   | 62   | 145  | 138 | 104 | 157 | 177              |  |  |
| 6      | 164 | 164 | 168 | 187 | 210 | 256 | 332 | 263 | 218 | 267 | 248 | 58   | 69   | 58   | -41  | 111  | 35   | 20   | 104  | 149  | 142  | 153 | 149 | 149 | 151              |  |  |
| 7D     | 157 | 153 | 161 | 172 | 172 | 180 | 195 | 191 | 202 | 195 | 202 | 199  | 195  | 191  | 183  | 183  | 168  | 153  | 153  | 172  | 172  | 164 | 161 | 157 | 146              |  |  |
| 8      | 157 | 157 | 161 | 172 | 183 | 206 | 221 | 229 | 313 | 225 | 218 | 187  | 115  | 35   | -22  | 157  | 195  | 176  | 183  | 164  | 149  | 153 | 168 | 157 | 169              |  |  |
| 9      | 153 | 172 | 180 | 202 | 214 | 191 | 195 | 214 | 218 | 210 | 202 | 202  | 195  | 164  | 115  | 164  | 161  | 157  | 161  | 142  | 145  | 161 | 149 | 142 | 175              |  |  |
| 10D    | 145 | 164 | 195 | 214 | 240 | 286 | 332 | 415 | 411 | 392 | 335 | 191  | 85   | -147 | -345 | -197 | -428 | -459 | -444 | -618 | -299 | -86 | 20  | 183 | 24               |  |  |
| 11D    | 218 | 191 | 218 | 240 | 240 | 358 | 396 | 339 | 240 | 58  | 164 | 119  | 58   | -18  | -56  | -200 | 172  | 199  | 73   | 20   | 157  | 187 | 176 | 164 | 155              |  |  |
| 12     | 157 | 153 | 153 | 180 | 180 | 206 | 180 | 195 | 202 | 149 | 149 | 20   | -132 | 88   | -22  | 115  | 183  | 183  | 172  | 164  | 183  | 180 | 168 | 149 | 140              |  |  |
| 13     | 153 | 149 | 176 | 202 | 183 | 195 | 183 | 180 | 180 | 191 | 191 | 191  | 191  | 195  | 195  | 191  | 195  | 187  | 183  | 183  | 180  | 164 | 161 | 153 | 181              |  |  |
| 14D    | 149 | 145 | 145 | 157 | 172 | 183 | 199 | 214 | 195 | 195 | 195 | 195  | 202  | 199  | 199  | 199  | 183  | 191  | 191  | 187  | 176  | 172 | 164 | 157 | 182              |  |  |
| 15     | 157 | 157 | 161 | 168 | 176 | 187 | 199 | 202 | 237 | 218 | 218 | 202  | 195  | 161  | 161  | 183  | 187  | 191  | 195  | 187  | 168  | 161 | 164 | 157 | 183              |  |  |
| 16     | 153 | 157 | 164 | 164 | 202 | 195 | 199 | 202 | 202 | 202 | 199 | 195  | 195  | 195  | 195  | 199  | 199  | 187  | 183  | 183  | 195  | 187 | 172 | 164 | 187              |  |  |
| 17     | 172 | 172 | 176 | 164 | 164 | 195 | 214 | 301 | 385 | 301 | -71 | -26  | -64  | 12   | -64  | 81   | 191  | 210  | 206  | 214  | 202  | 195 | 180 | 172 | 153              |  |  |
| 18     | 164 | 168 | 168 | 172 | 176 | 187 | 187 | 202 | 191 | 191 | 187 | 187  | 168  | 58   | 92   | 92   | 107  | 100  | 157  | 149  | 134  | 126 | 142 | 164 | 153              |  |  |
| 19D    | 157 | 157 | 161 | 168 | 183 | 180 | 180 | 187 | 191 | 195 | 199 | 195  | 206  | 202  | 176  | 16   | 35   | 145  | 183  | 187  | 187  | 176 | 172 | 161 | 167              |  |  |
| 20     | 164 | 164 | 172 | 218 | 191 | 206 | 263 | 294 | 320 | 221 | 202 | 191  | 164  | 164  | 176  | 180  | 180  | 187  | 187  | 172  | 172  | 172 | 164 | 153 | 195              |  |  |
| 21     | 115 | 157 | 172 | 183 | 172 | 187 | 214 | 229 | 240 | 214 | 210 | 50   | -71  | -90  | 5    | 43   | 96   | -48  | 58   | 104  | 187  | 172 | 164 | 119 | 120              |  |  |
| 22     | 157 | 199 | 210 | 252 | 252 | 206 | 210 | 195 | 195 | 199 | 202 | 202  | 195  | 195  | 195  | 191  | 168  | 172  | 172  | 172  | 164  | 164 | 157 | 153 | 191              |  |  |
| 23D    | 161 | 161 | 168 | 172 | 187 | 195 | 191 | 195 | 214 | 210 | 195 | 58   | 210  | 206  | 202  | 195  | 168  | 172  | 180  | 180  | 180  | 164 | 168 | 157 | 179              |  |  |
| 24     | 157 | 157 | 153 | 180 | 195 | 195 | 195 | 199 | 199 | 202 | 202 | 206  | 206  | 206  | 183  | 157  | 164  | 199  | 195  | 191  | 183  | 180 | 172 | 157 | 185              |  |  |
| 25D    | 157 | 202 | 252 | 267 | 316 | 484 | 362 | 320 | 294 | 104 | 134 | -178 | 12   | 66   | 66   | 172  | 199  | 145  | 149  | 202  | 202  | 187 | 176 | 172 | 186              |  |  |
| 26D    | 164 | 164 | 164 | 164 | 172 | 176 | 176 | 187 | 214 | 256 | 202 | 168  | 164  | 157  | 149  | 168  | 180  | 142  | 138  | 157  | 157  | 145 | 149 | 168 | 170              |  |  |
| 27     | 157 | 153 | 153 | 161 | 176 | 225 | 240 | 218 | 180 | 183 | 183 | 191  | 183  | 176  | 176  | 85   | -292 | -98  | 69   | 145  | 172  | 134 | 100 | 126 | 133              |  |  |
| 28     | 164 | 195 | 168 | 240 | 305 | 271 | 248 | 286 | 267 | 259 | 256 | 176  | 81   | -86  | 58   | 145  | 149  | 111  | 100  | 123  | 153  | 134 | 138 | 149 | 170              |  |  |
| 29     | 145 | 149 | 195 | 206 | 206 | 263 | 275 | 358 | 309 | 332 | 229 | 218  | 107  | -22  | -41  | 43   | 142  | 104  | -147 | -71  | 5    | 81  | 111 | 164 | 140              |  |  |
| 30     | 172 | 218 | 313 | 256 | 263 | 316 | 400 | 332 | 229 | 248 | 195 | 66   | 96   | 58   | -143 | 28   | -132 | 81   | 145  | 134  | 145  | 138 | 138 | 142 | 160              |  |  |
| 31     |     |     |     |     |     |     |     |     |     |     |     |      |      |      |      |      |      |      |      |      |      |     |     |     |                  |  |  |
| срзн   | 158 | 170 | 182 | 201 | 216 | 233 | 244 | 253 | 254 | 226 | 195 | 139  | 122  | 85   | 50   | 75   | 79   | 86   | 97   | 111  | 136  | 142 | 145 | 153 | 156              |  |  |
| срзн Q | 158 | 156 | 160 | 167 | 177 | 183 | 188 | 195 | 203 | 210 | 199 | 163  | 195  | 191  | 182  | 152  | 147  | 161  | 169  | 177  | 174  | 164 | 163 | 160 | 175              |  |  |
| срзн D | 170 | 192 | 207 | 259 | 284 | 348 | 351 | 354 | 337 | 230 | 220 | 57   | 47   | -74  | -208 | -231 | -155 | -153 | -108 | -81  | 25   | 91  | 122 | 161 | 102              |  |  |



Станция Уэлен

Арктический и Антарктический научно-исследовательский институт

Год 1982 месяц апрель

элемент  $\bar{z} = 53400 \text{ м.г.т.}$

|           | 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         | 149 | 152 | 149 | 145 | 141 | 141 | 137 | 141 | 137 | 149 | 168 | 133 | 125 | 117 | 113 | 129 | 129 | 129 |  | 133 | 137  | 133 | 145 | 133 | 172 | 139              |  |  |
| 2D        | 191 | 203 | 203 | 187 | 180 | 184 | 195 | 156 | 133 | 168 | 145 | 145 | 129 | -43 | 113 | 308 | 187 | 47  |  | 20  | -15  | -4  | 20  | 106 | 152 | 130              |  |  |
| 3D        | 176 | 187 | 184 | 203 | 191 | 133 | 32  | 168 | 211 | 106 | 106 | 109 | 168 | 324 | 168 | 285 | 254 | 215 |  | 102 | 16   | 78  | 141 | 160 | 172 | 162              |  |  |
| 4         | 184 | 199 | 207 | 203 | 199 | 199 | 184 | 191 | 219 | 176 | 172 | 172 | 160 | 82  | 59  | 74  | 74  | 51  |  | 24  | 43   | 82  | 109 | 125 | 145 | 139              |  |  |
| 5         | 164 | 172 | 176 | 187 | 211 | 187 | 168 | 187 | 199 | 187 | 12  | 106 | 125 | 129 | 113 | 129 | 141 | 141 |  | 117 | 90   | 106 | 121 | 129 | 125 | 143              |  |  |
| 6         | 137 | 145 | 156 | 168 | 176 | 207 | 230 | 160 | 160 | 207 | 172 | 90  | 63  | 51  | 0   | 59  | 67  | 12  |  | 63  | 94   | 102 | 113 | 129 | 141 | 121              |  |  |
| 7D        | 156 | 156 | 152 | 152 | 149 | 145 | 149 | 145 | 145 | 156 | 145 | 145 | 141 | 133 | 129 | 133 | 125 | 117 |  | 94  | 106  | 117 | 121 | 125 | 129 | 136              |  |  |
| 8         | 129 | 133 | 133 | 133 | 133 | 137 | 149 | 168 | 203 | 152 | 141 | 129 | 82  | 74  | -4  | 47  | 106 | 121 |  | 117 | 125  | 121 | 121 | 133 | 137 | 122              |  |  |
| 9         | 145 | 145 | 156 | 180 | 172 | 156 | 149 | 156 | 152 | 156 | 156 | 149 | 137 | 121 | 67  | 82  | 82  | 78  |  | 82  | 82   | 78  | 86  | 106 | 113 | 124              |  |  |
| 10D       | 117 | 129 | 141 | 156 | 184 | 203 | 223 | 145 | 4   | -27 | 47  | 145 | 215 | 394 | 425 | 487 | 472 | 145 |  | 207 | 285  | -4  | -19 | 117 | 129 | 180              |  |  |
| 11D       | 187 | 215 | 195 | 203 | 195 | 184 | 43  | 90  | 145 | -4  | 113 | 152 | 180 | 141 | 234 | 145 | 82  | 141 |  | 137 | 106  | 109 | 145 | 168 | 160 | 144              |  |  |
| 12        | 156 | 160 | 164 | 168 | 180 | 180 | 176 | 168 | 176 | 176 | 156 | 160 | 164 | 113 | 133 | 98  | 145 | 149 |  | 149 | 141  | 149 | 152 | 152 | 152 | 155              |  |  |
| 13        | 156 | 160 | 168 | 187 | 187 | 176 | 187 | 187 | 168 | 156 | 152 | 149 | 133 | 125 | 133 | 137 | 141 | 145 |  | 145 | 145  | 141 | 137 | 137 | 137 | 154              |  |  |
| 14D       | 137 | 141 | 145 | 149 | 145 | 145 | 145 | 152 | 160 | 149 | 145 | 137 | 133 | 129 | 129 | 129 | 106 | 102 |  | 129 | 133  | 129 | 129 | 129 | 133 | 136              |  |  |
| 15        | 141 | 141 | 141 | 145 | 145 | 145 | 145 | 145 | 156 | 156 | 164 | 141 | 125 | 63  | 63  | 102 | 113 | 133 |  | 133 | 133  | 133 | 129 | 125 | 129 | 131              |  |  |
| 16        | 133 | 133 | 137 | 145 | 149 | 168 | 152 | 152 | 149 | 141 | 137 | 133 | 129 | 129 | 129 | 129 | 129 | 125 |  | 102 | 106  | 106 | 106 | 121 | 125 | 132              |  |  |
| 17        | 129 | 125 | 129 | 137 | 133 | 133 | 137 | 168 | -58 | 20  | 207 | 113 | 160 | 187 | 172 | 35  | 90  | 133 |  | 141 | 145  | 145 | 141 | 141 | 141 | 125              |  |  |
| 18        | 141 | 141 | 141 | 145 | 141 | 141 | 145 | 149 | 152 | 149 | 141 | 133 | 102 | 32  | 16  | 43  | 67  | 82  |  | 98  | 113  | 106 | 117 | 133 | 137 | 115              |  |  |
| 19        | 145 | 149 | 149 | 149 | 145 | 145 | 141 | 137 | 137 | 137 | 137 | 137 | 137 | 129 | 106 | 0   | -7  | 28  |  | 78  | 121  | 129 | 133 | 137 | 141 | 118              |  |  |
| 20        | 141 | 145 | 156 | 172 | 184 | 184 | 172 | 195 | 203 | 187 | 160 | 129 | 94  | 78  | 94  | 113 | 121 | 125 |  | 133 | 133  | 129 | 125 | 117 | 125 | 142              |  |  |
| 21        | 152 | 156 | 149 | 149 | 149 | 145 | 164 | 184 | 187 | 191 | 164 | 102 | 43  | 71  | 71  | 51  | 59  | 8   |  | 28  | 82   | 137 | 145 | 141 | 156 | 120              |  |  |
| 22        | 187 | 199 | 184 | 191 | 203 | 168 | 180 | 156 | 145 | 141 | 141 | 141 | 129 | 117 | 125 | 129 | 121 | 121 |  | 125 | 133  | 133 | 133 | 133 | 137 | 149              |  |  |
| 23D       | 141 | 137 | 137 | 141 | 141 | 141 | 141 | 145 | 145 | 145 | 106 | 20  | 78  | 125 | 129 | 129 | 125 | 117 |  | 106 | 117  | 117 | 125 | 121 | 125 | 123              |  |  |
| 24        | 129 | 133 | 137 | 141 | 145 | 145 | 145 | 137 | 137 | 133 | 133 | 129 | 125 | 113 | 113 | 59  | 43  | 78  |  | 143 | 125  | 125 | 121 | 117 | 117 | 121              |  |  |
| 25D       | 121 | 117 | 133 | 207 | 219 | 211 | 234 | 258 | 67  | 74  | 145 | 106 | 98  | 125 | 133 | 121 | 141 | 121 |  | 106 | 129  | 137 | 141 | 137 | 133 | 142              |  |  |
| 26D       | 141 | 145 | 149 | 149 | 149 | 149 | 149 | 149 | 152 | 164 | 152 | 129 | 109 | 113 | 102 | 98  | 133 | 125 |  | 102 | 98   | 113 | 129 | 133 | 137 | 132              |  |  |
| 27        | 141 | 137 | 141 | 141 | 137 | 149 | 195 | 203 | 180 | 149 | 141 | 133 | 113 | 94  | 117 | 106 | -11 | -15 |  | -23 | 55   | 94  | 102 | 125 | 133 | 114              |  |  |
| 28        | 137 | 156 | 191 | 207 | 211 | 211 | 184 | 203 | 203 | 207 | 191 | 149 | 82  | 121 | 51  | 90  | 113 | 98  |  | 86  | 71   | 82  | 106 | 113 | 117 | 141              |  |  |
| 29        | 133 | 160 | 168 | 176 | 195 | 187 | 207 | 187 | 199 | 195 | 180 | 152 | 133 | 117 | 16  | 16  | 47  | 67  |  | -50 | -105 | -58 | 35  | 98  | 133 | 108              |  |  |
| 30        | 184 | 191 | 199 | 184 | 180 | 203 | 164 | 129 | 180 | 172 | 129 | 74  | 74  | 86  | 106 | 35  | -54 | 16  |  | 94  | 106  | 106 | 106 | 121 | 145 | 122              |  |  |
| 31        |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |  |     |      |     |     |     |     |                  |  |  |
| срзн      | 149 | 155 | 159 | 167 | 169 | 167 | 161 | 164 | 152 | 142 | 142 | 128 | 123 | 120 | 112 | 117 | 111 | 98  |  | 96  | 102  | 102 | 114 | 129 | 138 | 134              |  |  |
| срзн<br>Q | 144 | 146 | 146 | 148 | 146 | 145 | 145 | 146 | 148 | 150 | 137 | 114 | 120 | 126 | 119 | 98  | 96  | 98  |  | 102 | 115  | 121 | 127 | 129 | 133 | 129              |  |  |
| срзн<br>D | 158 | 170 | 171 | 191 | 194 | 183 | 145 | 163 | 112 | 63  | 111 | 131 | 158 | 188 | 215 | 269 | 227 | 134 |  | 114 | 104  | 63  | 86  | 138 | 149 | 152              |  |  |

Станция Уэлен

Арктический и Антарктический научно-исследовательский институт

М-34

Год 1982 месяц майэлемент  $D = 14^{\circ}30'0'' + \dots$ 

|        | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 18   |
|--------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1      | 17   | 10   | 8    | 7    | 6    | 6    | 6    | 11   | 19   | 16   | 15   | 25   | 23   | 15   | 31   | 30   | 33   | 34   |
| 2      | 13   | 15   | 12   | 12   | 10   | 17   | 12   | 12   | 13   | 11   | 19   | 17   | 11   | 11   | 32   | 32   | 43   | 34   |
| 3D     | 12   | 13   | 10   | 9    | 6    | 13   | 16   | 17   | 12   | 5    | 12   | 27   | 23   | 35   | 18   | 13   | 30   | 19   |
| 4      | 11   | 9    | 11   | 12   | 13   | 13   | 14   | 17   | 18   | 15   | 23   | 20   | 18   | 11   | 11   | 22   | 34   | 27   |
| 5      | 10   | 9    | 10   | 11   | 11   | 13   | 11   | 13   | 23   | 13   | 13   | 11   | 10   | 17   | 13   | 21   | 25   | 27   |
| 6      | 15   | 13   | 12   | 13   | 13   | 13   | 15   | 19   | 18   | 16   | 16   | 16   | 14   | 18   | 20   | 18   | 20   | 27   |
| 7D     | 15   | 12   | 11   | 12   | 14   | 15   | 17   | 18   | 18   | 18   | 18   | 16   | 16   | 20   | 21   | 23   | 27   | 30   |
| 8D     | 12   | 11   | 11   | 11   | 13   | 14   | 15   | 16   | 18   | 18   | 18   | 18   | 18   | 18   | 19   | 22   | 25   | 30   |
| 9      | 15   | 11   | 9    | 10   | 10   | 13   | 16   | 18   | 18   | 17   | 18   | 16   | 18   | 19   | 19   | 23   | 23   | 24   |
| 10     | 11   | 10   | 10   | 12   | 13   | 15   | 16   | 18   | 18   | 19   | 19   | 19   | 18   | 19   | 20   | 20   | 24   | 27   |
| 11     | 12   | 11   | 11   | 11   | 12   | 15   | 17   | 16   | 17   | 18   | 20   | 20   | 17   | 16   | 16   | 21   | 16   | 27   |
| 12     | 13   | 12   | 10   | 10   | 12   | 15   | 18   | 16   | 16   | 15   | 18   | 19   | 18   | 18   | 18   | 19   | 20   | 25   |
| 13     | 14   | 10   | 9    | 10   | 12   | 15   | 16   | 18   | 20   | 18   | 17   | 17   | 18   | 18   | 18   | 20   | 16   | 18   |
| 14     | 13   | 12   | 11   | 12   | 12   | 16   | 17   | 18   | 18   | 18   | 16   | 20   | 20   | 19   | 18   | 22   | 20   | 23   |
| 15     | 13   | 12   | 6    | 10   | 13   | 14   | 18   | 18   | 17   | 17   | 18   | 22   | 15   | 19   | 21   | 26   | 25   | 30   |
| 16     | 15   | 14   | 11   | 11   | 13   | 15   | 18   | 18   | 19   | 22   | 18   | 17   | 18   | 18   | 18   | 18   | 20   | 25   |
| 17     | 12   | 11   | 11   | 11   | 14   | 15   | 16   | 18   | 18   | 20   | 20   | 18   | 15   | 15   | 15   | 20   | 25   | 26   |
| 18     | 16   | 9    | 7    | 9    | 10   | 11   | 13   | 15   | 15   | 15   | 6    | 22   | 20   | 20   | 20   | 22   | 20   | 22   |
| 19     | 13   | 13   | 12   | 14   | 13   | 11   | 13   | 15   | 15   | 23   | 18   | 18   | 19   | 18   | 19   | 27   | 26   | 25   |
| 20     | 13   | 11   | 12   | 13   | 15   | 16   | 18   | 19   | 20   | 25   | 17   | 15   | 16   | 18   | 17   | 18   | 21   | 27   |
| 21     | 11   | 11   | 12   | 13   | 14   | 15   | 16   | 20   | 17   | 13   | 15   | 13   | 14   | 18   | 21   | 24   | 25   | 26   |
| 22D    | 11   | 10   | 11   | 12   | 14   | 16   | 18   | 18   | 19   | 16   | 14   | 15   | 15   | 17   | 19   | 22   | 25   | 25   |
| 23D    | 14   | 12   | 11   | 13   | 16   | 18   | 19   | 18   | 17   | 18   | 18   | 18   | 18   | 18   | 20   | 22   | 22   | 25   |
| 24D    | 13   | 11   | 10   | 11   | 13   | 15   | 18   | 19   | 18   | 16   | 16   | 17   | 19   | 18   | 18   | 20   | 25   | 26   |
| 25     | 11   | 11   | 11   | 12   | 14   | 15   | 15   | 16   | 18   | 18   | 19   | 18   | 17   | 18   | 20   | 20   | 23   | 21   |
| 26     | 9    | 6    | 6    | 4    | 8    | 11   | 13   | 15   | 16   | 16   | 15   | 16   | 17   | 20   | 18   | 27   | 37   | 34   |
| 27D    | 12   | 10   | 10   | 6    | 7    | 19   | 8    | 8    | 2    | 1    | 9    | 13   | 5    | 20   | 18   | 27   | 13   | 39   |
| 28D    | 13   | 23   | 15   | 13   | 12   | 5    | 10   | 6    | 11   | 6    | 1    | 12   | 0    | 2    | -5   | 29   | 19   | 30   |
| 29D    | 9    | 16   | 19   | 9    | 10   | 17   | 11   | 11   | 19   | 8    | 15   | 13   | 15   | 8    | 20   | 23   | 24   | 28   |
| 30D    | 13   | 13   | 19   | 13   | 9    | 11   | 14   | 19   | 15   | 12   | -4   | 2    | 17   | 2    | 29   | 19   | 22   | 16   |
| 31     | 23   | 19   | 13   | 15   | 22   | 6    | 13   | 9    | 9    | 12   | 13   | 18   | 11   | 20   | 18   | 17   | 21   | 18   |
| срзн   | 13,0 | 11,9 | 11,0 | 11,0 | 12,1 | 13,6 | 14,7 | 15,8 | 16,5 | 15,3 | 15,2 | 16,7 | 15,9 | 16,9 | 18,7 | 22,2 | 24,2 | 26,3 |
| срзн Q | 13,0 | 11,2 | 10,8 | 11,8 | 14,0 | 15,6 | 17,4 | 17,8 | 18,0 | 17,2 | 16,8 | 16,8 | 17,2 | 18,2 | 19,4 | 21,8 | 24,8 | 27,2 |
| срзн D | 11,8 | 15,0 | 14,6 | 10,0 | 8,8  | 13,0 | 11,8 | 12,2 | 11,8 | 6,4  | 6,6  | 13,4 | 12,0 | 13,4 | 16,0 | 22,2 | 21,6 | 26,4 |

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

Станция Чален

Арктический и Антарктический научно-исследовательский институт

Год 1982 месяц мартэлемент H=14000нТл+...

|            | 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          | 161 | 164 | 195 | 172 | 206 | 233 | 297 | 408 | 297 | 263 | 248 | 164 | 69   | 28   | -22  | -143 | -413 | -147 | 157  | 183  | 176 | 183 | 172 | 157 | 134              |  |  |
| 2          | 161 | 187 | 195 | 221 | 252 | 252 | 218 | 210 | 248 | 332 | 202 | 187 | 88   | -185 | -140 | -162 | -140 | 73   | -231 | -162 | 43  | 149 | 153 | 134 | 95               |  |  |
| 3D         | 138 | 218 | 233 | 202 | 248 | 442 | 400 | 442 | 278 | 161 | 164 | -18 | -208 | -117 | -71  | -178 | -444 | -504 | -269 | 50   | 191 | 187 | 183 | 134 | 78               |  |  |
| 4          | 168 | 172 | 172 | 176 | 183 | 195 | 199 | 187 | 195 | 221 | 142 | 115 | 164  | 31   | -26  | -102 | -37  | 202  | 202  | 199  | 191 | 172 | 157 | 153 | 143              |  |  |
| 5          | 161 | 168 | 180 | 225 | 267 | 263 | 210 | 248 | 244 | 221 | 252 | 218 | 66   | 88   | 111  | 43   | 157  | 187  | 176  | 164  | 157 | 153 | 149 | 145 | 177              |  |  |
| 6          | 157 | 172 | 187 | 183 | 191 | 187 | 191 | 218 | 202 | 202 | 202 | 195 | 168  | 168  | 172  | 157  | 134  | 176  | 180  | 172  | 161 | 153 | 145 | 142 | 176              |  |  |
| 7D         | 142 | 149 | 164 | 187 | 187 | 187 | 191 | 191 | 195 | 206 | 202 | 199 | 187  | 191  | 187  | 180  | 180  | 180  | 183  | 180  | 172 | 161 | 149 | 153 | 179              |  |  |
| 8D         | 153 | 168 | 180 | 187 | 183 | 191 | 199 | 202 | 199 | 214 | 218 | 210 | 202  | 195  | 183  | 172  | 164  | 176  | 187  | 187  | 180 | 161 | 149 | 149 | 184              |  |  |
| 9          | 157 | 164 | 180 | 191 | 218 | 214 | 206 | 229 | 225 | 218 | 206 | 210 | 210  | 210  | 202  | 202  | 187  | 195  | 187  | 180  | 183 | 172 | 168 | 164 | 195              |  |  |
| 10         | 168 | 164 | 168 | 187 | 191 | 191 | 191 | 195 | 199 | 206 | 214 | 218 | 214  | 210  | 210  | 210  | 206  | 206  | 202  | 199  | 199 | 195 | 172 | 168 | 195              |  |  |
| 11         | 153 | 164 | 176 | 195 | 195 | 206 | 199 | 202 | 214 | 218 | 218 | 195 | 199  | 206  | 199  | 195  | 214  | 218  | 214  | 199  | 191 | 183 | 172 | 161 | 195              |  |  |
| 12         | 161 | 164 | 172 | 172 | 183 | 210 | 202 | 221 | 221 | 214 | 221 | 210 | 210  | 206  | 206  | 202  | 195  | 187  | 187  | 187  | 187 | 183 | 176 | 168 | 194              |  |  |
| 13         | 157 | 161 | 164 | 191 | 202 | 191 | 195 | 199 | 206 | 210 | 210 | 206 | 202  | 202  | 206  | 202  | 187  | 183  | 183  | 187  | 199 | 187 | 168 | 164 | 190              |  |  |
| 14         | 161 | 161 | 168 | 180 | 183 | 195 | 199 | 202 | 206 | 225 | 221 | 218 | 218  | 221  | 218  | 218  | 218  | 218  | 218  | 214  | 206 | 195 | 187 | 180 | 201              |  |  |
| 15         | 172 | 172 | 157 | 180 | 195 | 202 | 221 | 214 | 210 | 221 | 206 | 172 | 210  | 145  | 161  | 176  | 195  | 206  | 157  | 145  | 172 | 183 | 172 | 172 | 184              |  |  |
| 16         | 164 | 172 | 176 | 180 | 199 | 210 | 218 | 237 | 278 | 271 | 225 | 206 | 202  | 199  | 187  | 183  | 180  | 157  | 164  | 176  | 180 | 172 | 164 | 164 | 194              |  |  |
| 17         | 168 | 172 | 187 | 187 | 180 | 187 | 187 | 202 | 214 | 221 | 214 | 202 | 214  | 191  | 126  | 123  | 206  | 210  | 202  | 191  | 191 | 183 | 187 | 180 | 189              |  |  |
| 18         | 176 | 164 | 180 | 187 | 210 | 244 | 221 | 191 | 191 | 225 | 58  | -22 | 111  | 153  | 195  | 191  | 187  | 172  | 180  | 187  | 191 | 172 | 138 | 149 | 169              |  |  |
| 19         | 172 | 183 | 187 | 210 | 206 | 187 | 199 | 218 | 221 | 233 | 195 | 210 | 187  | 145  | 119  | 180  | 199  | 164  | 176  | 187  | 187 | 172 | 168 | 168 | 186              |  |  |
| 20         | 172 | 168 | 180 | 183 | 187 | 187 | 195 | 210 | 214 | 214 | 210 | 210 | 210  | 202  | 195  | 180  | 180  | 180  | 176  | 168  | 164 | 164 | 164 | 168 | 187              |  |  |
| 21         | 168 | 172 | 180 | 180 | 187 | 191 | 210 | 225 | 263 | 221 | 214 | 218 | 210  | 161  | 153  | 183  | 191  | 195  | 195  | 172  | 157 | 157 | 153 | 161 | 188              |  |  |
| 22D        | 168 | 180 | 187 | 187 | 191 | 191 | 195 | 195 | 202 | 206 | 202 | 195 | 195  | 195  | 195  | 195  | 191  | 187  | 183  | 172  | 164 | 161 | 157 | 161 | 186              |  |  |
| 23D        | 164 | 180 | 191 | 180 | 199 | 199 | 195 | 199 | 199 | 202 | 202 | 202 | 202  | 202  | 202  | 202  | 199  | 191  | 183  | 176  | 172 | 172 | 168 | 168 | 190              |  |  |
| 24D        | 168 | 172 | 176 | 183 | 183 | 191 | 199 | 210 | 221 | 221 | 218 | 218 | 225  | 218  | 221  | 218  | 214  | 214  | 214  | 210  | 202 | 195 | 187 | 180 | 202              |  |  |
| 25         | 180 | 183 | 187 | 183 | 191 | 195 | 202 | 206 | 199 | 206 | 214 | 225 | 221  | 214  | 214  | 221  | 206  | 206  | 206  | 202  | 187 | 172 | 161 | 149 | 197              |  |  |
| 26         | 142 | 157 | 195 | 221 | 214 | 214 | 221 | 210 | 218 | 221 | 229 | 237 | 248  | 206  | 172  | 81   | 107  | 164  | 153  | 149  | 172 | 142 | 149 | 161 | 183              |  |  |
| 27D        | 187 | 168 | 218 | 191 | 240 | 484 | 674 | 552 | 567 | 195 | 199 | 210 | 43   | -71  | -189 | -345 | -398 | -124 | -41  | -10  | 142 | 111 | 12  | 96  | 130              |  |  |
| 28D        | 187 | 286 | 286 | 446 | 544 | 544 | 514 | 385 | 392 | 316 | 81  | 20  | -26  | -246 | -307 | -238 | -109 | -3   | 142  | 161  | 172 | 172 | 142 | 73  | 164              |  |  |
| 29D        | 149 | 226 | 392 | 305 | 377 | 392 | 195 | 271 | 263 | 142 | 221 | 164 | 50   | -3   | -64  | -45  | 5    | 81   | 96   | 134  | 180 | 134 | 104 | 180 | 164              |  |  |
| 30D        | 180 | 187 | 263 | 267 | 210 | 206 | 225 | 290 | 335 | 218 | 149 | 28  | 73   | -71  | -94  | -33  | -155 | -18  | 66   | 149  | 153 | 161 | 119 | 119 | 126              |  |  |
| 31         | 214 | 221 | 210 | 332 | 309 | 324 | 423 | 294 | 294 | 161 | 221 | 5   | 43   | 183  | 183  | 66   | 58   | 28   | 104  | 161  | 172 | 183 | 142 | 168 | 187              |  |  |
| Средн      | 165 | 179 | 196 | 209 | 223 | 242 | 245 | 247 | 245 | 220 | 199 | 169 | 149  | 119  | 107  | 88   | 79   | 121  | 140  | 157  | 174 | 169 | 154 | 154 | 173              |  |  |
| Средн<br>Q | 159 | 170 | 180 | 185 | 189 | 192 | 196 | 199 | 203 | 210 | 208 | 205 | 202  | 200  | 198  | 193  | 190  | 190  | 190  | 185  | 178 | 170 | 162 | 162 | 188              |  |  |
| Средн<br>D | 168 | 217 | 278 | 282 | 324 | 414 | 402 | 388 | 367 | 206 | 163 | 81  | -14  | -102 | -145 | -168 | -220 | -114 | -1   | 97   | 168 | 153 | 112 | 120 | 132              |  |  |



Станция Уэлен

Арктический и Антарктический научно-исследовательский институт

М-34

Год 1982

месяц

майэлемент  $\bar{z} = 53400 \text{ НТЛ} \dots$ 

|         | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14   | 15   | 16   | 17   | 18  |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|-----|
| 1       | 180 | 172 | 180 | 168 | 156 | 160 | 187 | 199 | 172 | 184 | 176 | 71  | 47  | 43   | -7   | 109  | 74   | -74 |
| 2       | 141 | 152 | 184 | 191 | 191 | 203 | 176 | 168 | 176 | 160 | 152 | 133 | 129 | 28   | -74  | -74  | -113 | -66 |
| 3D      | 152 | 184 | 180 | 191 | 176 | 187 | 203 | 113 | 63  | 82  | 94  | 12  | 90  | 207  | 152  | 172  | 16   | -35 |
| 4       | 149 | 145 | 141 | 137 | 137 | 141 | 145 | 149 | 145 | 145 | 86  | 43  | 102 | 63   | 4    | -89  | -82  | -82 |
| 5       | 145 | 149 | 149 | 156 | 180 | 195 | 176 | 180 | 168 | 121 | 164 | 145 | 141 | 94   | 74   | 35   | 86   | 117 |
| 6       | 149 | 145 | 145 | 145 | 145 | 141 | 149 | 149 | 133 | 133 | 141 | 137 | 98  | 82   | 98   | 90   | 86   | 102 |
| 7D      | 125 | 133 | 141 | 145 | 145 | 137 | 129 | 129 | 129 | 129 | 133 | 133 | 90  | 94   | 86   | 82   | 94   | 102 |
| 8D      | 117 | 121 | 129 | 133 | 141 | 137 | 141 | 137 | 137 | 133 | 141 | 133 | 137 | 121  | 109  | 98   | 90   | 90  |
| 9       | 109 | 113 | 125 | 145 | 156 | 180 | 180 | 176 | 152 | 149 | 133 | 121 | 117 | 109  | 106  | 106  | 109  | 117 |
| 10      | 129 | 137 | 137 | 137 | 137 | 133 | 129 | 125 | 125 | 125 | 125 | 125 | 121 | 113  | 125  | 125  | 125  | 125 |
| 11      | 125 | 125 | 129 | 129 | 133 | 141 | 137 | 133 | 125 | 125 | 133 | 121 | 98  | 102  | 102  | 71   | 113  | 117 |
| 12      | 121 | 121 | 133 | 137 | 137 | 141 | 156 | 160 | 168 | 145 | 145 | 137 | 125 | 121  | 117  | 117  | 113  | 117 |
| 13      | 121 | 121 | 125 | 133 | 141 | 137 | 129 | 129 | 133 | 129 | 125 | 125 | 121 | 121  | 121  | 125  | 121  | 106 |
| 14      | 125 | 121 | 125 | 129 | 129 | 125 | 125 | 125 | 125 | 125 | 133 | 129 | 133 | 133  | 125  | 125  | 129  | 125 |
| 15      | 117 | 117 | 129 | 137 | 141 | 133 | 133 | 141 | 145 | 137 | 125 | 86  | 117 | 32   | 24   | 35   | 90   | 102 |
| 16      | 121 | 121 | 133 | 129 | 125 | 125 | 121 | 129 | 168 | 191 | 156 | 121 | 109 | 106  | 98   | 86   | 98   | 90  |
| 17      | 121 | 121 | 117 | 137 | 149 | 141 | 129 | 125 | 129 | 145 | 141 | 121 | 106 | 90   | 35   | 16   | 78   | 113 |
| 18      | 117 | 137 | 141 | 156 | 176 | 211 | 180 | 145 | 137 | 137 | 113 | 106 | 71  | 90   | 117  | 129  | 125  | 113 |
| 19      | 149 | 149 | 156 | 176 | 172 | 149 | 137 | 137 | 145 | 152 | 102 | 117 | 106 | 67   | 20   | 59   | 98   | 113 |
| 20      | 129 | 133 | 137 | 137 | 129 | 133 | 137 | 141 | 156 | 152 | 137 | 133 | 121 | 117  | 121  | 102  | 109  | 121 |
| 21      | 113 | 113 | 113 | 113 | 117 | 129 | 141 | 168 | 195 | 160 | 141 | 125 | 109 | 90   | 63   | 82   | 121  | 137 |
| 22D     | 137 | 137 | 137 | 133 | 133 | 129 | 133 | 133 | 133 | 133 | 133 | 129 | 125 | 125  | 121  | 121  | 121  | 121 |
| 23D     | 125 | 129 | 129 | 129 | 121 | 125 | 121 | 121 | 121 | 121 | 121 | 121 | 117 | 117  | 117  | 117  | 117  | 117 |
| 24D     | 113 | 113 | 109 | 113 | 117 | 121 | 121 | 125 | 129 | 129 | 125 | 121 | 113 | 90   | 106  | 113  | 117  | 125 |
| 25      | 109 | 106 | 106 | 109 | 109 | 121 | 117 | 113 | 113 | 113 | 113 | 117 | 117 | 113  | 113  | 113  | 117  | 117 |
| 26      | 113 | 121 | 129 | 133 | 152 | 137 | 133 | 141 | 141 | 137 | 117 | 117 | 113 | 55   | 35   | -4   | 16   | 86  |
| 27D     | 113 | 117 | 129 | 160 | 160 | 160 | 137 | 152 | 43  | 121 | 121 | 98  | 152 | 47   | 246  | 262  | 262  | -23 |
| 28D     | 133 | 199 | 207 | 191 | 145 | 117 | 137 | 152 | 109 | 106 | 67  | 121 | -97 | 90   | 176  | -105 | -105 | -39 |
| 29D     | 133 | 168 | 199 | 199 | 191 | 168 | 172 | 160 | 98  | -4  | 125 | 98  | 4   | -113 | -105 | -54  | -11  | 71  |
| 30D     | 152 | 137 | 168 | 187 | 160 | 160 | 164 | 164 | 176 | 55  | 51  | 20  | 28  | 78   | 74   | 28   | -39  | -7  |
| 31      | 180 | 195 | 184 | 207 | 227 | 203 | 113 | 106 | 51  | 39  | 129 | 43  | 0   | 102  | 125  | 106  | 90   | 102 |
| ср.дн   | 131 | 137 | 143 | 149 | 149 | 149 | 145 | 143 | 131 | 126 | 126 | 108 | 96  | 88   | 85   | 74   | 76   | 80  |
| ср.дн Q | 123 | 127 | 129 | 131 | 131 | 130 | 129 | 129 | 130 | 129 | 131 | 127 | 117 | 109  | 108  | 106  | 108  | 111 |
| ср.дн D | 137 | 161 | 177 | 186 | 166 | 158 | 163 | 148 | 81  | 72  | 92  | 70  | 35  | 62   | 109  | 61   | 25   | -7  |

| 19   | 20   | 21  | 22  | 23  | 24  | средне<br>суточн |  |  |
|------|------|-----|-----|-----|-----|------------------|--|--|
| -19  | 74   | 121 | 125 | 125 | 137 | 115              |  |  |
| -113 | -152 | -50 | 43  | 90  | 129 | 75               |  |  |
| -27  | 32   | 109 | 129 | 141 | 160 | 116              |  |  |
| 133  | 141  | 145 | 145 | 149 | 149 | 104              |  |  |
| 125  | 129  | 133 | 137 | 141 | 141 | 137              |  |  |
| 117  | 125  | 125 | 121 | 117 | 117 | 125              |  |  |
| 106  | 106  | 106 | 109 | 113 | 117 | 117              |  |  |
| 98   | 102  | 102 | 102 | 106 | 109 | 119              |  |  |
| 129  | 125  | 117 | 125 | 125 | 129 | 131              |  |  |
| 121  | 117  | 113 | 113 | 113 | 117 | 125              |  |  |
| 117  | 117  | 117 | 117 | 121 | 125 | 120              |  |  |
| 117  | 117  | 117 | 113 | 113 | 117 | 129              |  |  |
| 106  | 109  | 113 | 117 | 117 | 121 | 123              |  |  |
| 125  | 125  | 117 | 109 | 109 | 113 | 124              |  |  |
| 86   | 43   | 74  | 98  | 106 | 113 | 103              |  |  |
| 94   | 98   | 106 | 109 | 113 | 117 | 119              |  |  |
| 121  | 117  | 109 | 106 | 102 | 109 | 112              |  |  |
| 121  | 125  | 137 | 133 | 129 | 137 | 133              |  |  |
| 82   | 94   | 102 | 106 | 106 | 109 | 117              |  |  |
| 125  | 125  | 121 | 117 | 113 | 113 | 127              |  |  |
| 133  | 129  | 125 | 129 | 129 | 133 | 125              |  |  |
| 121  | 121  | 117 | 113 | 113 | 117 | 126              |  |  |
| 117  | 117  | 113 | 109 | 109 | 109 | 119              |  |  |
| 129  | 129  | 121 | 117 | 113 | 113 | 118              |  |  |
| 113  | 109  | 113 | 109 | 106 | 109 | 112              |  |  |
| 102  | 78   | 20  | 35  | 51  | 74  | 93               |  |  |
| -66  | -27  | 82  | 113 | 121 | 113 | 113              |  |  |
| 35   | 102  | 106 | 121 | 137 | 133 | 93               |  |  |
| 94   | 98   | 113 | 125 | 125 | 141 | 91               |  |  |
| 35   | 74   | 109 | 121 | 133 | 160 | 100              |  |  |
| 78   | 109  | 121 | 129 | 133 | 145 | 121              |  |  |
| 86   | 94   | 106 | 113 | 117 | 123 | 116              |  |  |
|      |      |     |     |     |     |                  |  |  |
| 114  | 115  | 112 | 110 | 111 | 113 | 120              |  |  |
| 14   | 56   | 104 | 122 | 131 | 141 | 103              |  |  |

Станция Уэлен Арктический и Антарктический научно-исследовательский институт  
 Год 1982 месяц июнь элемент  $D=14^{\circ}30'0''$

|            | 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          | 19   | 16   | 11   | 13   | 13   | 15   | 16   | 14   | 13   | 13   | 5    | 11   | 15   | 16   | 18   | 21   | 23   | 27   | 23   | 22   | 20   | 13   | 13   | 18   | 16,2              |  |  |
| 2          | 17   | 11   | 13   | 17   | 12   | 11   | 12   | 23   | 24   | 15   | 13   | 9    | 15   | 15   | 15   | 17   | 23   | 27   | 27   | 23   | 19   | 16   | 11   | 8    | 16,4              |  |  |
| 30         | 8    | 6    | 8    | 11   | 12   | 11   | 18   | 18   | 14   | 14   | 17   | 13   | 8    | 13   | 18   | 19   | 24   | 27   | 27   | 26   | 26   | 20   | 15   | 10   | 16,0              |  |  |
| 40         | 11   | 11   | 11   | 9    | 11   | 14   | 15   | 17   | 17   | 15   | 16   | 15   | 15   | 14   | 15   | 20   | 25   | 29   | 30   | 32   | 28   | 25   | 18   | 10   | 17,6              |  |  |
| 50         | 4    | 6    | 8    | 9    | 11   | 12   | 14   | 16   | 16   | 15   | 17   | 16   | 16   | 16   | 18   | 18   | 22   | 27   | 28   | 27   | 25   | 20   | 16   | 12   | 16,2              |  |  |
| 6          | 11   | 9    | 9    | 10   | 14   | 16   | 13   | 20   | 15   | 14   | 14   | 15   | 16   | 15   | 15   | 20   | 25   | 30   | 33   | 30   | 25   | 20   | 15   | 13   | 17,4              |  |  |
| 7          | 11   | 11   | 9    | 9    | 13   | 15   | 20   | 18   | 3    | 2    | 6    | 14   | 13   | 12   | 13   | 16   | 21   | 32   | 33   | 27   | 24   | 19   | 13   | 9    | 15,1              |  |  |
| 8          | 9    | 9    | 11   | 12   | 14   | 14   | 15   | 16   | 16   | 16   | 16   | 15   | 11   | 15   | 20   | 17   | 26   | 31   | 34   | 27   | 23   | 17   | 11   | 9    | 16,8              |  |  |
| 9          | 11   | 9    | 11   | 11   | 14   | 15   | 15   | 13   | 15   | 15   | 15   | 12   | 13   | 15   | 18   | 18   | 22   | 26   | 30   | 29   | 24   | 20   | 15   | 11   | 16,5              |  |  |
| 100        | 8    | 6    | 15   | 16   | 37   | 32   | 16   | 4    | 11   | 11   | 11   | 13   | 1    | 1    | 22   | 19   | 13   | 32   | 32   | 33   | 30   | 23   | 19   | 11   | 17,3              |  |  |
| 110        | 11   | 13   | 12   | 13   | 16   | 19   | 15   | 22   | 18   | 16   | 13   | 17   | 13   | 15   | 16   | 18   | 18   | 20   | 27   | 25   | 23   | 23   | 22   | 21   | 17,8              |  |  |
| 120        | 30   | 10   | 11   | 11   | 8    | 15   | 15   | 21   | 16   | 15   | 13   | 15   | 11   | 17   | 6    | 6    | 8    | 18   | 34   | 27   | 34   | 24   | 15   | 9    | 16,1              |  |  |
| 130        | 6    | 1    | 8    | 15   | 6    | 14   | 8    | 18   | 2    | 6    | 8    | 2    | 3    | 11   | 12   | 17   | 17   | 21   | 10   | 4    | 18   | 23   | 17   | 5    | 10,5              |  |  |
| 14         | 18   | 13   | 9    | 10   | 19   | 18   | 19   | 15   | 20   | 11   | 5    | 10   | 9    | 16   | 13   | 14   | 21   | 25   | 27   | 27   | 25   | 24   | 23   | 16   | 17,0              |  |  |
| 15         | 18   | 9    | 9    | 13   | 15   | 17   | 15   | 10   | 10   | 16   | 17   | 14   | 14   | 15   | 15   | 23   | 23   | 25   | 29   | 27   | 22   | 20   | 18   | 18   | 17,2              |  |  |
| 16         | 14   | 13   | 11   | 12   | 14   | 17   | 17   | 17   | 15   | 16   | 19   | 15   | 15   | 6    | 13   | 20   | 27   | 27   | 27   | 25   | 20   | 19   | 15   | 13   | 17,0              |  |  |
| 170        | 13   | 12   | 11   | 12   | 13   | 16   | 23   | 18   | 16   | 15   | 16   | 20   | 15   | 16   | 19   | 22   | 26   | 30   | 29   | 27   | 24   | 20   | 17   | 13   | 18,5              |  |  |
| 180        | 11   | 10   | 11   | 14   | 14   | 18   | 19   | 18   | 20   | 13   | 13   | 14   | 17   | 19   | 20   | 24   | 25   | 23   | 27   | 27   | 26   | 23   | 16   | 13   | 18,1              |  |  |
| 19         | 12   | 12   | 14   | 13   | 15   | 19   | 18   | 17   | 14   | 13   | 9    | 15   | 12   | 8    | 11   | 30   | 32   | 32   | 28   | 32   | 20   | 14   | 4    | 5    | 16,6              |  |  |
| 20         | 10   | 12   | 11   | 11   | 10   | 15   | 19   | 15   | 8    | 9    | 13   | 14   | 10   | 10   | 15   | 15   | 26   | 33   | 28   | 32   | 26   | 20   | 15   | 14   | 16,3              |  |  |
| 21         | 6    | 9    | 11   | 12   | 15   | 17   | 20   | 18   | 13   | 15   | 14   | 12   | 14   | 10   | 15   | 19   | 24   | 27   | 29   | 28   | 24   | 20   | 15   | 9    | 16,5              |  |  |
| 22         | 8    | 7    | 9    | 11   | 14   | 18   | 20   | 20   | 15   | 13   | 16   | 12   | 9    | 11   | 20   | 23   | 27   | 34   | 36   | 34   | 25   | 22   | 15   | 13   | 18,0              |  |  |
| 23         | 7    | 2    | 10   | 15   | 17   | 18   | 6    | 1    | 11   | 6    | 5    | 7    | 5    | 9    | 22   | 25   | 32   | 37   | 36   | 34   | 29   | 20   | 16   | 15   | 16,0              |  |  |
| 24         | 12   | 12   | 9    | 8    | 9    | 7    | 9    | 14   | 13   | 4    | 16   | 6    | 13   | 19   | 23   | 25   | 29   | 30   | 30   | 30   | 34   | 18   | 0    | 15   | 16,0              |  |  |
| 25         | 12   | 6    | 6    | 9    | 9    | 10   | 10   | 12   | 9    | 9    | 14   | 14   | 16   | 15   | 11   | 20   | 23   | 27   | 27   | 27   | 25   | 19   | 13   | 12   | 14,8              |  |  |
| 26         | 10   | 10   | 9    | 9    | 10   | 12   | 13   | 15   | 13   | 11   | 13   | 11   | 13   | 15   | 26   | 23   | 30   | 32   | 34   | 28   | 19   | 18   | 17   | 15   | 16,9              |  |  |
| 27         | 13   | 23   | 15   | 8    | 8    | 8    | 14   | 13   | 15   | 15   | 13   | 13   | 13   | 13   | 17   | 20   | 21   | 24   | 25   | 26   | 13   | 18   | 23   | 9    | 15,8              |  |  |
| 28         | 13   | 11   | 5    | 5    | 6    | 12   | 6    | 11   | 11   | 25   | 23   | 14   | 12   | 17   | 23   | 23   | 26   | 20   | 33   | 32   | 29   | 26   | 20   | 10   | 17,2              |  |  |
| 29         | 9    | 15   | 11   | 8    | 10   | 12   | 15   | 16   | 16   | 12   | 20   | 26   | 13   | 14   | 18   | 20   | 23   | 23   | 32   | 32   | 29   | 22   | 19   | 6    | 17,5              |  |  |
| 300        | -1   | 8    | 7    | 11   | 14   | 15   | 12   | 9    | 11   | 9    | 11   | 4    | 9    | 7    | 16   | 20   | 23   | 27   | 28   | 34   | 32   | 20   | 15   | 15   | 14,8              |  |  |
| 31         |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                   |  |  |
| Средн      | 11,4 | 10,1 | 10,2 | 11,2 | 13,0 | 15,1 | 14,9 | 15,3 | 13,7 | 12,6 | 13,4 | 12,9 | 12,0 | 13,2 | 16,8 | 19,7 | 23,5 | 27,4 | 29,1 | 27,8 | 24,7 | 20,2 | 15,4 | 11,9 | 16,5              |  |  |
| Средн<br>Q | 9,4  | 9,0  | 9,8  | 11,0 | 12,2 | 14,2 | 17,8 | 17,4 | 16,6 | 14,4 | 15,8 | 15,6 | 14,2 | 15,6 | 18,0 | 20,6 | 24,4 | 27,2 | 28,2 | 27,8 | 25,8 | 21,6 | 16,4 | 11,6 | 17,3              |  |  |
| Средн<br>D | 10,8 | 7,6  | 10,6 | 13,2 | 15,8 | 19,0 | 13,2 | 14,8 | 11,6 | 11,4 | 11,2 | 10,2 | 7,4  | 10,2 | 14,4 | 16,0 | 15,8 | 23,6 | 26,2 | 24,6 | 27,4 | 22,6 | 17,6 | 13,2 | 15,3              |  |  |

Станция Чален Арктический и Антарктический научно-исследовательский институт  
 Год 1982 месяц июнь элемент H=14000 ч Тлг...

|           | 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>сутки |  |  |
|-----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|------|------|------|------|------|------|------|-----|-----|-----|-----|-----------------|--|--|
| 1         | 180 | 202 | 202 | 256 | 286 | 278 | 259 | 263 | 244 | 237 | 145 | 180  | 195 | 191  | 180  | 180  | 126  | 104  | 81   | 92   | 85  | 115 | 130 | 130 | 181             |  |  |
| 2         | 195 | 191 | 233 | 275 | 195 | 195 | 221 | 286 | 248 | 225 | 210 | 168  | 176 | 187  | 180  | 172  | 164  | 153  | 138  | 126  | 145 | 149 | 142 | 138 | 188             |  |  |
| 3         | 145 | 149 | 195 | 225 | 233 | 214 | 202 | 195 | 191 | 195 | 202 | 221  | 202 | 191  | 202  | 183  | 164  | 176  | 168  | 172  | 149 | 149 | 149 | 157 | 185             |  |  |
| 4         | 168 | 191 | 218 | 214 | 191 | 180 | 183 | 187 | 191 | 199 | 202 | 210  | 210 | 214  | 199  | 195  | 187  | 191  | 176  | 164  | 161 | 149 | 138 | 153 | 186             |  |  |
| 5         | 142 | 164 | 176 | 187 | 183 | 202 | 218 | 210 | 218 | 225 | 240 | 237  | 225 | 210  | 199  | 187  | 191  | 195  | 191  | 180  | 164 | 164 | 172 | 176 | 194             |  |  |
| 6         | 183 | 176 | 176 | 202 | 229 | 278 | 339 | 423 | 297 | 256 | 294 | 301  | 252 | 221  | 221  | 225  | 225  | 210  | 214  | 214  | 195 | 187 | 176 | 161 | 236             |  |  |
| 7         | 164 | 168 | 176 | 191 | 195 | 267 | 324 | 480 | 400 | 294 | 123 | 202  | 218 | 214  | 180  | 157  | 157  | 180  | 195  | 195  | 183 | 172 | 161 | 149 | 214             |  |  |
| 8         | 157 | 168 | 180 | 183 | 183 | 191 | 183 | 191 | 199 | 202 | 206 | 221  | 149 | 149  | 221  | 168  | 115  | 183  | 172  | 191  | 157 | 149 | 149 | 153 | 176             |  |  |
| 9         | 168 | 167 | 210 | 210 | 214 | 248 | 214 | 218 | 229 | 248 | 271 | 271  | 248 | 225  | 259  | 237  | 225  | 218  | 218  | 210  | 191 | 176 | 161 | 164 | 218             |  |  |
| 10        | 195 | 195 | 271 | 332 | 575 | 647 | 598 | 506 | 423 | 240 | 191 | 119  | -79 | -193 | -292 | -333 | -170 | 229  | 214  | 202  | 180 | 164 | 126 | 145 | 187             |  |  |
| 11        | 145 | 180 | 221 | 256 | 339 | 446 | 309 | 385 | 244 | 229 | 225 | 172  | 214 | 214  | 218  | 221  | 195  | 111  | 35   | 107  | 115 | 126 | 126 | 123 | 206             |  |  |
| 12        | 225 | 180 | 218 | 256 | 164 | 233 | 240 | 225 | 225 | 202 | 206 | 202  | 187 | 199  | 172  | -558 | -295 | -398 | -94  | 20   | 58  | 81  | 119 | 111 | 91              |  |  |
| 13        | 69  | 134 | 225 | 278 | 256 | 408 | 309 | 446 | 309 | 294 | 248 | 111  | 58  | 12   | 12   | 180  | 172  | 39   | -223 | -105 | -18 | 92  | 73  | 149 | 147             |  |  |
| 14        | 199 | 172 | 168 | 225 | 339 | 339 | 499 | 438 | 373 | 187 | 96  | -200 | 134 | 210  | 187  | 149  | 172  | 149  | 81   | 92   | 134 | 164 | 157 | 153 | 192             |  |  |
| 15        | 164 | 149 | 168 | 248 | 259 | 286 | 373 | 362 | 373 | 324 | 259 | 206  | 176 | 126  | 69   | 149  | 96   | 43   | 176  | 168  | 161 | 180 | 149 | 142 | 200             |  |  |
| 16        | 142 | 164 | 145 | 164 | 199 | 225 | 210 | 206 | 210 | 221 | 221 | 214  | 176 | 134  | 138  | 180  | 180  | 191  | 183  | 180  | 187 | 180 | 164 | 157 | 181             |  |  |
| 17        | 164 | 168 | 172 | 187 | 202 | 233 | 229 | 210 | 206 | 210 | 218 | 202  | 183 | 187  | 199  | 199  | 195  | 202  | 199  | 191  | 180 | 172 | 168 | 161 | 193             |  |  |
| 18        | 161 | 172 | 180 | 206 | 233 | 221 | 218 | 202 | 225 | 214 | 199 | 199  | 202 | 199  | 202  | 195  | 191  | 187  | 183  | 176  | 176 | 164 | 168 | 161 | 193             |  |  |
| 19        | 168 | 172 | 187 | 191 | 199 | 221 | 233 | 286 | 332 | 244 | 256 | 229  | 233 | 134  | 58   | 96   | 119  | 31   | 24   | 24   | 58  | 96  | 96  | 34  | 159             |  |  |
| 20        | 180 | 202 | 180 | 195 | 256 | 332 | 316 | 328 | 316 | 256 | 240 | 240  | 221 | 199  | 176  | 168  | 164  | 187  | 176  | 145  | 157 | 157 | 168 | 161 | 213             |  |  |
| 21        | 180 | 172 | 187 | 183 | 199 | 229 | 244 | 271 | 316 | 218 | 206 | 206  | 221 | 221  | 206  | 221  | 218  | 214  | 199  | 191  | 164 | 153 | 157 | 161 | 206             |  |  |
| 22        | 164 | 172 | 199 | 195 | 199 | 214 | 237 | 233 | 237 | 263 | 244 | 229  | 225 | 187  | 202  | 214  | 157  | 161  | 172  | 180  | 180 | 161 | 145 | 138 | 196             |  |  |
| 23        | 153 | 164 | 218 | 271 | 358 | 453 | 617 | 404 | 320 | 324 | 316 | 263  | 214 | 126  | 142  | 145  | 123  | 130  | 126  | 149  | 157 | 142 | 130 | 142 | 233             |  |  |
| 24        | 172 | 168 | 172 | 191 | 180 | 218 | 195 | 285 | 316 | 354 | 237 | 263  | 142 | 126  | 164  | 180  | 183  | 183  | 183  | 149  | 88  | 12  | 104 | 187 | 183             |  |  |
| 25        | 176 | 168 | 263 | 278 | 195 | 157 | 202 | 373 | 324 | 278 | 252 | 256  | 214 | 172  | 77   | 153  | 176  | 168  | 161  | 164  | 161 | 142 | 149 | 149 | 200             |  |  |
| 26        | 142 | 153 | 191 | 187 | 225 | 248 | 256 | 237 | 267 | 271 | 244 | 229  | 202 | 187  | 134  | -3   | 50   | 47   | 43   | 35   | 20  | 73  | 73  | 100 | 150             |  |  |
| 27        | 172 | 354 | 351 | 335 | 370 | 362 | 396 | 282 | 256 | 248 | 191 | 183  | 164 | 149  | 195  | 195  | 195  | 180  | 172  | 69   | 43  | 111 | 66  | 142 | 216             |  |  |
| 28        | 214 | 218 | 233 | 271 | 313 | 408 | 358 | 305 | 256 | 256 | 195 | 199  | 183 | 142  | 161  | 157  | 28   | 24   | 145  | 145  | 180 | 138 | 138 | 119 | 199             |  |  |
| 29        | 157 | 191 | 202 | 176 | 176 | 187 | 195 | 206 | 221 | 218 | 237 | 225  | 206 | 195  | 195  | 176  | 168  | 96   | 164  | 172  | 149 | 134 | 123 | 104 | 178             |  |  |
| 30        | 142 | 172 | 187 | 294 | 385 | 620 | 446 | 449 | 400 | 324 | 225 | 43   | 50  | 73   | 153  | 172  | 134  | 66   | 104  | 145  | 142 | 130 | 130 | 130 | 213             |  |  |
| 31        |     |     |     |     |     |     |     |     |     |     |     |      |     |      |      |      |      |      |      |      |     |     |     |     |                 |  |  |
| ср-н      | 166 | 181 | 203 | 229 | 251 | 291 | 294 | 301 | 279 | 249 | 220 | 193  | 180 | 160  | 154  | 132  | 134  | 128  | 133  | 138  | 137 | 139 | 137 | 145 | 191             |  |  |
| ср-н<br>Q | 156 | 169 | 188 | 204 | 208 | 210 | 210 | 201 | 206 | 209 | 212 | 214  | 204 | 200  | 200  | 192  | 186  | 190  | 183  | 177  | 166 | 160 | 159 | 162 | 190             |  |  |
| ср-н<br>D | 155 | 172 | 224 | 283 | 344 | 471 | 380 | 402 | 320 | 258 | 219 | 129  | 86  | 61   | 53   | 64   | 7    | 9    | 7    | 74   | 95  | 119 | 115 | 132 | 169             |  |  |



Станция Уэлен

Арктический и Антарктический научно-исследовательский институт

М-34

Год 1982 месяц июньэлемент  $Z = 53400 \text{ НТ} +$ 

|            | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24  | средн<br>суточн |  |  |  |
|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----------------|--|--|--|
| 1          | 168 | 187 | 184 | 164 | 172 | 184 | 160 | 145 | 145 | 149 | 39  | 47  | 106 | 106 | 98  | 98  | 74  | 47  | 43  | 51  | 32  | 55  | 74  | 113 | 110             |  |  |  |
| 2          | 168 | 152 | 168 | 207 | 168 | 168 | 152 | 164 | 133 | 145 | 133 | 78  | 78  | 71  | 82  | 94  | 102 | 106 | 94  | 74  | 71  | 78  | 98  | 113 | 121             |  |  |  |
| 3Q         | 137 | 152 | 156 | 180 | 180 | 156 | 164 | 152 | 141 | 129 | 125 | 109 | 86  | 74  | 102 | 109 | 109 | 109 | 106 | 109 | 113 | 113 | 113 | 117 | 127             |  |  |  |
| 4Q         | 121 | 145 | 160 | 156 | 160 | 149 | 141 | 133 | 125 | 121 | 121 | 121 | 125 | 121 | 109 | 90  | 78  | 113 | 117 | 109 | 106 | 102 | 102 | 109 | 122             |  |  |  |
| 5Q         | 121 | 121 | 125 | 141 | 141 | 137 | 137 | 145 | 141 | 141 | 156 | 149 | 129 | 113 | 102 | 98  | 90  | 113 | 125 | 121 | 113 | 109 | 106 | 109 | 124             |  |  |  |
| 6          | 109 | 109 | 113 | 109 | 117 | 141 | 219 | 277 | 242 | 195 | 176 | 180 | 141 | 129 | 129 | 133 | 133 | 137 | 137 | 141 | 129 | 109 | 109 | 121 | 147             |  |  |  |
| 7          | 129 | 141 | 156 | 168 | 168 | 168 | 234 | 199 | 152 | 152 | 67  | 113 | 149 | 141 | 117 | 102 | 106 | 113 | 129 | 121 | 117 | 113 | 117 | 113 | 137             |  |  |  |
| 8          | 117 | 121 | 121 | 121 | 121 | 125 | 125 | 125 | 121 | 125 | 125 | 129 | 74  | 32  | 82  | 71  | 35  | 94  | 90  | 106 | 106 | 98  | 102 | 113 | 103             |  |  |  |
| 9          | 117 | 117 | 117 | 133 | 133 | 149 | 145 | 133 | 129 | 152 | 168 | 156 | 133 | 90  | 109 | 117 | 133 | 137 | 133 | 121 | 117 | 109 | 106 | 106 | 128             |  |  |  |
| 10D        | 113 | 117 | 121 | 172 | 156 | 12  | 105 | -43 | 82  | 176 | 164 | 145 | -58 | 129 | 215 | 254 | 184 | 133 | 133 | 129 | 121 | 125 | 125 | 129 | 114             |  |  |  |
| 11D        | 125 | 129 | 152 | 180 | 215 | 184 | 187 | 133 | 152 | 168 | 141 | 63  | 82  | 121 | 121 | 121 | 121 | 117 | 43  | 43  | 55  | 78  | 102 | 121 | 123             |  |  |  |
| 12D        | 184 | 176 | 195 | 191 | 168 | 172 | 160 | 176 | 164 | 149 | 125 | 125 | 90  | 102 | 98  | 28  | 355 | 246 | -4  | -23 | 12  | 47  | 63  | 113 | 130             |  |  |  |
| 13D        | 145 | 180 | 180 | 207 | 195 | 184 | 176 | 113 | 98  | 180 | 149 | -27 | -82 | 82  | 191 | 94  | 98  | 63  | -43 | -11 | 24  | 82  | 109 | 102 | 104             |  |  |  |
| 14         | 113 | 133 | 152 | 168 | 215 | 211 | 211 | 191 | 149 | 102 | 98  | -4  | 43  | 117 | 117 | 102 | 102 | 125 | 74  | 55  | 86  | 106 | 117 | 121 | 121             |  |  |  |
| 15         | 133 | 145 | 145 | 152 | 176 | 203 | 223 | 90  | 141 | 180 | 187 | 160 | 125 | 90  | 4   | 71  | 71  | 35  | 98  | 109 | 102 | 106 | 113 | 125 | 124             |  |  |  |
| 16         | 141 | 149 | 145 | 137 | 137 | 160 | 164 | 160 | 152 | 152 | 152 | 125 | 98  | 20  | 20  | 90  | 98  | 117 | 129 | 121 | 121 | 125 | 129 | 133 | 124             |  |  |  |
| 17Q        | 133 | 133 | 141 | 137 | 145 | 164 | 191 | 172 | 149 | 145 | 141 | 125 | 90  | 90  | 113 | 121 | 121 | 129 | 137 | 137 | 129 | 121 | 121 | 125 | 134             |  |  |  |
| 18Q        | 129 | 125 | 121 | 125 | 141 | 168 | 172 | 172 | 172 | 149 | 137 | 129 | 129 | 129 | 125 | 121 | 125 | 129 | 121 | 121 | 121 | 125 | 117 | 117 | 134             |  |  |  |
| 19         | 121 | 125 | 125 | 133 | 137 | 145 | 156 | 184 | 199 | 184 | 184 | 152 | 152 | 98  | 67  | 35  | 43  | 20  | 20  | -19 | -11 | 28  | 74  | 113 | 103             |  |  |  |
| 20         | 125 | 145 | 180 | 191 | 184 | 207 | 223 | 215 | 160 | 180 | 141 | 141 | 149 | 121 | 102 | 90  | 90  | 125 | 133 | 113 | 98  | 94  | 109 | 113 | 143             |  |  |  |
| 21         | 129 | 129 | 129 | 137 | 137 | 152 | 180 | 187 | 223 | 184 | 158 | 141 | 137 | 125 | 109 | 137 | 149 | 149 | 133 | 125 | 125 | 121 | 121 | 129 | 144             |  |  |  |
| 22         | 133 | 141 | 149 | 160 | 164 | 168 | 187 | 191 | 187 | 180 | 160 | 149 | 149 | 129 | 129 | 121 | 67  | 55  | 82  | 90  | 94  | 102 | 113 | 125 | 134             |  |  |  |
| 23         | 141 | 145 | 168 | 211 | 238 | 215 | 90  | 191 | 207 | 176 | 141 | 141 | 137 | 125 | 86  | 86  | 74  | 74  | 67  | 71  | 90  | 109 | 117 | 121 | 134             |  |  |  |
| 24         | 137 | 145 | 141 | 141 | 145 | 145 | 149 | 168 | 168 | 129 | 176 | 141 | 109 | 86  | 102 | 117 | 125 | 125 | 121 | 117 | 102 | 109 | 74  | 94  | 128             |  |  |  |
| 25         | 109 | 125 | 149 | 199 | 168 | 137 | 133 | 156 | 71  | 90  | 152 | 145 | 125 | 102 | 74  | 86  | 125 | 129 | 125 | 121 | 117 | 121 | 117 | 121 | 125             |  |  |  |
| 26         | 133 | 137 | 141 | 152 | 164 | 184 | 195 | 191 | 191 | 199 | 184 | 164 | 141 | 129 | 51  | -27 | 4   | 0   | -54 | -85 | -54 | -39 | 59  | 113 | 95              |  |  |  |
| 27         | 164 | 195 | 187 | 187 | 187 | 176 | 160 | 137 | 160 | 152 | 137 | 133 | 71  | 59  | 109 | 121 | 125 | 129 | 129 | 106 | 59  | 59  | 113 | 129 | 133             |  |  |  |
| 28         | 125 | 156 | 184 | 191 | 184 | 184 | 172 | 211 | 180 | 117 | 67  | 113 | 113 | 63  | 74  | 102 | 51  | 47  | 51  | 98  | 98  | 113 | 125 | 133 | 123             |  |  |  |
| 29         | 152 | 168 | 191 | 168 | 145 | 137 | 149 | 149 | 145 | 125 | 133 | 109 | 106 | 106 | 109 | 106 | 94  | 20  | 39  | 90  | 109 | 109 | 117 | 125 | 121             |  |  |  |
| 30         | 195 | 133 | 145 | 187 | 203 | -50 | 67  | 129 | 137 | 113 | 113 | 24  | 12  | 55  | 98  | 117 | 106 | 55  | 43  | 82  | 94  | 94  | 106 | 121 | 99              |  |  |  |
| 31         |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                 |  |  |  |
| средн      | 136 | 143 | 151 | 164 | 165 | 154 | 157 | 158 | 154 | 151 | 138 | 116 | 98  | 98  | 101 | 100 | 106 | 100 | 85  | 85  | 87  | 94  | 106 | 118 | 124             |  |  |  |
| средн<br>Q | 128 | 135 | 141 | 148 | 153 | 155 | 161 | 155 | 146 | 137 | 136 | 127 | 112 | 105 | 110 | 108 | 105 | 129 | 121 | 119 | 116 | 114 | 112 | 115 | 128             |  |  |  |
| средн<br>D | 152 | 147 | 159 | 187 | 187 | 100 | 97  | 102 | 127 | 157 | 138 | 66  | 9   | 98  | 145 | 123 | 173 | 123 | 34  | 44  | 61  | 85  | 101 | 117 | 114             |  |  |  |

Станция Чэлен

Арктический и Антарктический научно-исследовательский институт

М-34

Год 1982 месяц июльэлемент  $D = 14^{\circ}30'07''$ 

|         | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 18   |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1       | 16   | 11   | 8    | 9    | 11   | 10   | 20   | 14   | 12   | 18   | 18   | 11   | 11   | 9    | 15   | 19   | 25   | 27   |
| 2       | 8    | 13   | 11   | 9    | 9    | 10   | 16   | 19   | 13   | 14   | 13   | 16   | 18   | 19   | 20   | 23   | 25   | 28   |
| 3       | 11   | 11   | 11   | 9    | 11   | 13   | 16   | 14   | 15   | 18   | 12   | 15   | 16   | 18   | 20   | 22   | 25   | 26   |
| 4       | 11   | 11   | 11   | 11   | 12   | 14   | 15   | 15   | 16   | 17   | 19   | 16   | 16   | 17   | 19   | 23   | 27   | 26   |
| 5       | 11   | 12   | 13   | 13   | 13   | 15   | 16   | 16   | 17   | 17   | 17   | 15   | 15   | 18   | 16   | 20   | 25   | 27   |
| 6       | 8    | 8    | 10   | 11   | 12   | 13   | 15   | 15   | 16   | 13   | 12   | 13   | 15   | 15   | 23   | 21   | 22   | 28   |
| 7       | 6    | 9    | 6    | 11   | 14   | 12   | 11   | 15   | 18   | 15   | 15   | 15   | 10   | 15   | 11   | 7    | 17   | 26   |
| 8       | 9    | 9    | 6    | 9    | 12   | 18   | 18   | 18   | 20   | 17   | 13   | 13   | 15   | 18   | 17   | 20   | 19   | 30   |
| 9       | 11   | 4    | 6    | 11   | 13   | 15   | 15   | 20   | 18   | 18   | 13   | 13   | 18   | 15   | 15   | 18   | 21   | 25   |
| 10      | 11   | 5    | 5    | 9    | 13   | 17   | 17   | 17   | 16   | 14   | 12   | 15   | 14   | 15   | 14   | 18   | 20   | 29   |
| 11      | 10   | 5    | 5    | 8    | 13   | 14   | 15   | 13   | 12   | 12   | 13   | 14   | 10   | 13   | 13   | 33   | 29   | 27   |
| 12      | 5    | 6    | 7    | 11   | 10   | 15   | 11   | 12   | 15   | 18   | 20   | 0    | -8   | 4    | 15   | -9   | 19   | 33   |
| 13      | 11   | 19   | 22   | 25   | 29   | 11   | 13   | 14   | 11   | 9    | -3   | -29  | 13   | 12   | 13   | 12   | 4    | 39   |
| 14      | -6   | -23  | 29   | 27   | 5    | -15  | -16  | -27  | -16  | -26  | -19  | -1   | -8   | -8   | 11   | 19   | 30   | 45   |
| 15      | 30   | 24   | 19   | 15   | 9    | 6    | 12   | 7    | 9    | 3    | -15  | 4    | 0    | 10   | 5    | 14   | 20   | 26   |
| 16      | 8    | 7    | 7    | 13   | 15   | 14   | 15   | 13   | 15   | -20  | 9    | 13   | 9    | 13   | 10   | 1    | 27   | 30   |
| 17      | 15   | 12   | 4    | 2    | 12   | 15   | 14   | 18   | 18   | 15   | 13   | 8    | 10   | 8    | 13   | 20   | 21   | 24   |
| 18      | 11   | 13   | 11   | 9    | 11   | 15   | 13   | 15   | 16   | 19   | 14   | 4    | 7    | 16   | 10   | 16   | 13   | 18   |
| 19      | 16   | 11   | 6    | 11   | 11   | 12   | 15   | 16   | 16   | 18   | 17   | 11   | 11   | 7    | 15   | 20   | 26   | 30   |
| 20      | 5    | 9    | 19   | 13   | -4   | 11   | 12   | 7    | 13   | 18   | 12   | 10   | 14   | 15   | 16   | 19   | 23   | 25   |
| 21      | 5    | 5    | 6    | 9    | 11   | 15   | 15   | 16   | 15   | 15   | 15   | 15   | 16   | 18   | 13   | 22   | 31   | 30   |
| 22      | 14   | 17   | 6    | 8    | 11   | 14   | 17   | 18   | 23   | 19   | 14   | 11   | 11   | 10   | -6   | 16   | 26   | 30   |
| 23      | 13   | 5    | 6    | 6    | 9    | 12   | 14   | 16   | 16   | 15   | 15   | 16   | 19   | 13   | 22   | 26   | 30   | 28   |
| 24      | 9    | 7    | 9    | 8    | 6    | 10   | 17   | 2    | 9    | 10   | 10   | 13   | 11   | -5   | 17   | 17   | 39   | -3   |
| 25      | 9    | 6    | 6    | 9    | 13   | 11   | 10   | 21   | 11   | 13   | 15   | 15   | 15   | 8    | 11   | 20   | 25   | 26   |
| 26      | 16   | 13   | 11   | 6    | 6    | 10   | 9    | 13   | 13   | 22   | 15   | 13   | 15   | 18   | 23   | 23   | 32   | 31   |
| 27      | 14   | 12   | 11   | 7    | 7    | 1    | -3   | 9    | 13   | 20   | 18   | 13   | 18   | 21   | 23   | 16   | 23   | 29   |
| 28      | 14   | 14   | 10   | 9    | 7    | 8    | 13   | 15   | 19   | 14   | 13   | 6    | 20   | 18   | 18   | 14   | 23   | 30   |
| 29      | 18   | 11   | 9    | 9    | 11   | 11   | 11   | 13   | 11   | 11   | 11   | 3    | -13  | 23   | 23   | 18   | 26   | 29   |
| 30      | 13   | 13   | 11   | 12   | 13   | 14   | 11   | 21   | 26   | 21   | 17   | 12   | 15   | 16   | 18   | 22   | 25   | 27   |
| 31      | 12   | 9    | 9    | 10   | 10   | 7    | 33   | 20   | 7    | -9   | 11   | 6    | 11   | 20   | 20   | 13   | 16   | 27   |
| Средн   | 13,3 | 9,3  | 10,0 | 10,6 | 10,8 | 11,2 | 13,2 | 13,4 | 14,0 | 12,2 | 11,6 | 9,6  | 11,1 | 13,2 | 15,3 | 17,5 | 23,7 | 27,5 |
| Средн Q | 10,4 | 10,4 | 10,2 | 10,2 | 11,6 | 13,8 | 16,0 | 16,2 | 15,4 | 16,0 | 14,6 | 15,4 | 15,8 | 17,4 | 17,8 | 21,2 | 24,4 | 27,2 |
| Средн D | 18,8 | 3,2  | 14,8 | 16,8 | 13,0 | 7,0  | 8,0  | 2,8  | 6,8  | -1,8 | 3,4  | -0,8 | 3,4  | 3,2  | 13,2 | 8,0  | 23,8 | 28,8 |

| 19   | 20   | 21   | 22   | 23   | 24   | Средне<br>суточн |  |  |
|------|------|------|------|------|------|------------------|--|--|
| 26   | 23   | 18   | 17   | 15   | 12   | 15,6             |  |  |
| 25   | 25   | 23   | 19   | 15   | 13   | 16,8             |  |  |
| 27   | 24   | 22   | 20   | 18   | 15   | 17,0             |  |  |
| 25   | 24   | 23   | 20   | 16   | 13   | 17,4             |  |  |
| 27   | 28   | 29   | 26   | 20   | 13   | 18,3             |  |  |
| 30   | 34   | 33   | 25   | 18   | 12   | 17,6             |  |  |
| 22   | 30   | 27   | 21   | 16   | 10   | 15,0             |  |  |
| 30   | 29   | 26   | 23   | 18   | 19   | 17,8             |  |  |
| 27   | 26   | 25   | 22   | 19   | 16   | 16,8             |  |  |
| 29   | 31   | 30   | 24   | 20   | 14   | 17,0             |  |  |
| 25   | 30   | 30   | 25   | 16   | 9    | 16,4             |  |  |
| 33   | 41   | 42   | 31   | 21   | 14   | 15,2             |  |  |
| 60   | 39   | 39   | 33   | 37   | 75   | 21,2             |  |  |
| 43   | 34   | 34   | 36   | 33   | 39   | 12,0             |  |  |
| 27   | 31   | 32   | 26   | 20   | 16   | 14,6             |  |  |
| 32   | 35   | 37   | 43   | 21   | 23   | 16,2             |  |  |
| 27   | 25   | 23   | 19   | 11   | 20   | 15,3             |  |  |
| 27   | 33   | 25   | 19   | 17   | 13   | 15,2             |  |  |
| 30   | 31   | 29   | 25   | 43   | 5    | 18,0             |  |  |
| 26   | 26   | 23   | 18   | 15   | 9    | 14,8             |  |  |
| 31   | 31   | 33   | 25   | 25   | 11   | 17,8             |  |  |
| 34   | 31   | 29   | 23   | 17   | 13   | 16,9             |  |  |
| 30   | 27   | 27   | 24   | 19   | 17   | 17,7             |  |  |
| -12  | 19   | 31   | 26   | 20   | 15   | 11,9             |  |  |
| 25   | 27   | 24   | 23   | 15   | 9    | 15,3             |  |  |
| 33   | 32   | 32   | 27   | 23   | 23   | 19,1             |  |  |
| 27   | 28   | 27   | 26   | 25   | 14   | 16,6             |  |  |
| 30   | 30   | 25   | 19   | 15   | 15   | 16,6             |  |  |
| 27   | 29   | 25   | 18   | 15   | 13   | 15,1             |  |  |
| 41   | 30   | 26   | 24   | 18   | 11   | 19,0             |  |  |
| 33   | 32   | 27   | 22   | 16   | 13   | 15,6             |  |  |
| 28,9 | 29,5 | 28,3 | 24,2 | 19,9 | 16,6 | 16,5             |  |  |
| 26,6 | 26,4 | 25,4 | 21,8 | 17,8 | 13,6 | 17,3             |  |  |
| 31,2 | 33,6 | 36,6 | 33,8 | 26,4 | 33,2 | 15,3             |  |  |

Станция Уэлен Арктический и Антарктический научно-исследовательский институт  
 Год 1982 месяц июль элемент H=14000 НТЛ+...

|            | 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          | 218 | 183 | 172 | 218 | 240 | 252 | 335 | 195 | 244 | 229 | 210  | 195  | 126  | 36  | 126  | 130  | 164  | 180  | 134  | 119  | 123  | 123 | 123 | 149  | 176              |  |  |
| 20         | 153 | 183 | 191 | 202 | 221 | 233 | 252 | 244 | 202 | 206 | 214  | 187  | 142  | 187 | 191  | 180  | 149  | 164  | 149  | 157  | 153  | 157 | 153 | 142  | 184              |  |  |
| 30         | 153 | 164 | 191 | 183 | 195 | 199 | 206 | 206 | 218 | 229 | 221  | 199  | 195  | 195 | 187  | 180  | 183  | 180  | 157  | 149  | 149  | 149 | 153 | 157  | 183              |  |  |
| 40         | 157 | 164 | 176 | 191 | 199 | 195 | 195 | 187 | 195 | 199 | 210  | 202  | 202  | 199 | 191  | 187  | 187  | 191  | 191  | 176  | 161  | 153 | 161 | 164  | 185              |  |  |
| 50         | 164 | 176 | 183 | 187 | 191 | 202 | 195 | 195 | 202 | 214 | 218  | 221  | 225  | 225 | 225  | 210  | 214  | 214  | 210  | 199  | 183  | 176 | 176 | 180  | 199              |  |  |
| 6          | 183 | 180 | 187 | 195 | 210 | 214 | 210 | 229 | 263 | 327 | 305  | 229  | 210  | 199 | 210  | 218  | 191  | 126  | 149  | 187  | 218  | 199 | 195 | 195  | 210              |  |  |
| 7          | 183 | 202 | 187 | 240 | 290 | 316 | 366 | 400 | 354 | 259 | 210  | 199  | 138  | 145 | 176  | -3   | -29  | -86  | 50   | 187  | 195  | 191 | 168 | 164  | 188              |  |  |
| 8          | 164 | 183 | 176 | 195 | 240 | 237 | 214 | 210 | 233 | 233 | 221  | 172  | 195  | 218 | 214  | 218  | 138  | 172  | 202  | 187  | 157  | 153 | 157 | 161  | 194              |  |  |
| 9          | 164 | 157 | 176 | 210 | 218 | 206 | 195 | 233 | 259 | 244 | 225  | 218  | 202  | 218 | 218  | 206  | 199  | 195  | 195  | 187  | 180  | 176 | 172 | 149  | 200              |  |  |
| 100        | 149 | 164 | 176 | 187 | 244 | 214 | 191 | 233 | 218 | 214 | 240  | 187  | 153  | 225 | 225  | 206  | 210  | 214  | 202  | 187  | 187  | 187 | 172 | 168  | 198              |  |  |
| 11         | 164 | 168 | 202 | 187 | 210 | 202 | 218 | 210 | 210 | 275 | 343  | 332  | 282  | 50  | -71  | -94  | -86  | 168  | 39   | 134  | 183  | 191 | 191 | 195  | 163              |  |  |
| 120        | 180 | 176 | 176 | 214 | 233 | 267 | 206 | 183 | 202 | 278 | 332  | 271  | 73   | -48 | -246 | -314 | -208 | -459 | -406 | -33  | 168  | 153 | 111 | 149  | 69               |  |  |
| 130        | 191 | 248 | 351 | 446 | 552 | 423 | 636 | 324 | 400 | 385 | 58   | -102 | 126  | 115 | 142  | 111  | -284 | -18  | -29  | -444 | -512 | -56 | -33 | -102 | 122              |  |  |
| 140        | 398 | 180 | 392 | 476 | 415 | 453 | 499 | 453 | 316 | 115 | -185 | -48  | -48  | -41 | -64  | -94  | 96   | -48  | -18  | -7   | 35   | 104 | 157 | 233  | 124              |  |  |
| 15         | 275 | 297 | 370 | 408 | 366 | 286 | 339 | 278 | 278 | 370 | -10  | 24   | -64  | 1   | -159 | -41  | 126  | 12   | 50   | 104  | 126  | 126 | 100 | 115  | 157              |  |  |
| 160        | 104 | 134 | 210 | 240 | 240 | 237 | 210 | 244 | 320 | 142 | 164  | 248  | 256  | 195 | 157  | 88   | -26  | 202  | 229  | 214  | 195  | 134 | 104 | 96   | 181              |  |  |
| 17         | 119 | 202 | 168 | 168 | 218 | 218 | 164 | 183 | 187 | 210 | 214  | 172  | 138  | 5   | 115  | 172  | 176  | 164  | 149  | 130  | 111  | 96  | 88  | 123  | 154              |  |  |
| 18         | 123 | 191 | 180 | 180 | 282 | 218 | 183 | 168 | 210 | 275 | 225  | -3   | -94  | 164 | 81   | 142  | 111  | 81   | 126  | 172  | 168  | 157 | 130 | 134  | 150              |  |  |
| 19         | 145 | 149 | 176 | 210 | 199 | 164 | 180 | 164 | 180 | 183 | 199  | 191  | 81   | 88  | 81   | -10  | 126  | 168  | 180  | 157  | 115  | 111 | 107 | 111  | 144              |  |  |
| 20         | 157 | 248 | 423 | 487 | 465 | 385 | 358 | 256 | 210 | 195 | 172  | 164  | 157  | 161 | 164  | 164  | 168  | 172  | 168  | 161  | 142  | 119 | 107 | 107  | 221              |  |  |
| 21         | 123 | 142 | 153 | 161 | 180 | 164 | 183 | 172 | 168 | 172 | 176  | 172  | 172  | 172 | 164  | 145  | 176  | 176  | 172  | 134  | 134  | 126 | 107 | 123  | 157              |  |  |
| 22         | 126 | 126 | 153 | 157 | 164 | 168 | 164 | 210 | 229 | 202 | 180  | 176  | 183  | 157 | 193  | 50   | 202  | 161  | 176  | 164  | 157  | 145 | 130 | 126  | 146              |  |  |
| 23         | 142 | 142 | 180 | 176 | 180 | 191 | 195 | 195 | 187 | 199 | 214  | 225  | 172  | 104 | 35   | 168  | 172  | 153  | 142  | 119  | 138  | 130 | 119 | 115  | 158              |  |  |
| 240        | 123 | 138 | 195 | 286 | 411 | 582 | 495 | 415 | 339 | 164 | 202  | 225  | 180  | -41 | 66   | -79  | -178 | -398 | -375 | 43   | 164  | 153 | 142 | 134  | 141              |  |  |
| 25         | 142 | 138 | 180 | 294 | 354 | 225 | 286 | 294 | 210 | 206 | 183  | 126  | 187  | 142 | 66   | 96   | 107  | 134  | 119  | 123  | 119  | 107 | 111 | 107  | 169              |  |  |
| 26         | 149 | 225 | 210 | 168 | 149 | 176 | 221 | 278 | 278 | 187 | 210  | 229  | 199  | 134 | 115  | -86  | 88   | 176  | 157  | 172  | 138  | 130 | 149 | 153  | 167              |  |  |
| 27         | 134 | 153 | 153 | 187 | 195 | 423 | 362 | 309 | 286 | 221 | 199  | 168  | 130  | 149 | 134  | 39   | 58   | 187  | 183  | 161  | 130  | 138 | 119 | 119  | 181              |  |  |
| 28         | 134 | 164 | 164 | 206 | 259 | 202 | 339 | 240 | 206 | 206 | 225  | 58   | 126  | 168 | 138  | 88   | 81   | 96   | 96   | 153  | 142  | 142 | 126 | 126  | 162              |  |  |
| 29         | 157 | 161 | 168 | 168 | 164 | 214 | 324 | 301 | 233 | 202 | 206  | 126  | -178 | 92  | 20   | -37  | 130  | 164  | 157  | 145  | 149  | 142 | 142 | 138  | 145              |  |  |
| 30         | 157 | 168 | 172 | 168 | 183 | 195 | 286 | 354 | 256 | 218 | 240  | 134  | 157  | 206 | 187  | 180  | 153  | -79  | 81   | 142  | 157  | 142 | 126 | 142  | 172              |  |  |
| 31         | 157 | 164 | 202 | 202 | 248 | 278 | 438 | 335 | 347 | 229 | 12   | -48  | 115  | 81  | 153  | 66   | 50   | 104  | 164  | 183  | 183  | 172 | 157 | 149  | 173              |  |  |
| Средн      | 138 | 176 | 206 | 232 | 255 | 256 | 279 | 255 | 246 | 226 | 188  | 156  | 133  | 126 | 98   | 80   | 92   | 92   | 103  | 125  | 131  | 140 | 133 | 136  | 167              |  |  |
| Средн<br>Q | 155 | 170 | 183 | 190 | 210 | 209 | 208 | 213 | 207 | 212 | 221  | 199  | 183  | 206 | 204  | 193  | 189  | 193  | 182  | 174  | 167  | 164 | 163 | 162  | 190              |  |  |
| Средн<br>D | 40  | 175 | 265 | 332 | 370 | 392 | 409 | 324 | 315 | 217 | 114  | 119  | 117  | 36  | 9    | -58  | -120 | -144 | -120 | -45  | 10   | 98  | 96  | 102  | 127              |  |  |



Станция Уэлен

Арктический и Антарктический научно-исследовательский институт

М-34

Год 1982 месяц июльэлемент Z = 53400 мТл.

|           | 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         | 160  | 152 | 145 | 141  | 164 | 168 | 191 | 149  | 152  | 172 | 113 | 106 | 51   | 51  | 59  | 71  | 82   | 106 | 102 | 82  | 82  | 94  | 106 | 125 | 118              |  |  |
| 2Q        | 121  | 117 | 133 | 137  | 152 | 172 | 184 | 176  | 152  | 141 | 133 | 82  | 35   | 82  | 106 | 113 | 94   | 90  | 94  | 94  | 98  | 102 | 106 | 109 | 118              |  |  |
| 3Q        | 117  | 121 | 125 | 125  | 133 | 141 | 145 | 145  | 141  | 141 | 90  | 113 | 121  | 121 | 121 | 121 | 113  | 117 | 117 | 113 | 109 | 109 | 109 | 113 | 122              |  |  |
| 4Q        | 121  | 121 | 125 | 125  | 129 | 125 | 121 | 121  | 121  | 121 | 125 | 125 | 121  | 117 | 113 | 117 | 117  | 113 | 113 | 113 | 113 | 109 | 109 | 113 | 119              |  |  |
| 5Q        | 121  | 117 | 117 | 117  | 117 | 117 | 121 | 117  | 117  | 121 | 125 | 129 | 125  | 117 | 117 | 109 | 109  | 113 | 113 | 109 | 109 | 106 | 106 | 102 | 115              |  |  |
| 6         | 109  | 109 | 113 | 113  | 113 | 113 | 113 | 113  | 121  | 168 | 191 | 156 | 117  | 106 | 106 | 117 | 102  | 51  | 35  | 63  | 74  | 90  | 94  | 109 | 108              |  |  |
| 7         | 113  | 117 | 129 | 141  | 191 | 238 | 258 | 230  | 191  | 164 | 145 | 117 | 78   | 71  | 63  | -27 | -164 | -82 | 20  | 94  | 113 | 117 | 113 | 121 | 106              |  |  |
| 8         | 125  | 133 | 137 | 137  | 152 | 207 | 191 | 168  | 172  | 168 | 141 | 74  | 55   | 86  | 102 | 113 | 82   | 55  | 109 | 117 | 117 | 106 | 109 | 125 | 124              |  |  |
| 9         | 141  | 137 | 137 | 149  | 149 | 145 | 141 | 141  | 172  | 168 | 152 | 137 | 98   | 106 | 117 | 121 | 125  | 129 | 133 | 121 | 109 | 113 | 117 | 121 | 132              |  |  |
| 10Q       | 129  | 129 | 125 | 137  | 149 | 180 | 180 | 176  | 168  | 160 | 129 | 98  | 90   | 109 | 125 | 121 | 125  | 125 | 121 | 109 | 102 | 106 | 117 | 117 | 130              |  |  |
| 11        | 121  | 121 | 109 | 113  | 129 | 133 | 141 | 137  | 129  | 133 | 86  | 59  | 106  | 199 | 242 | 269 | 109  | 125 | 98  | 35  | 74  | 90  | 94  | 113 | 124              |  |  |
| 12D       | 129  | 137 | 149 | 168  | 191 | 207 | 156 | 137  | 129  | 149 | 172 | 164 | 207  | 308 | 312 | 386 | 168  | 47  | 12  | -66 | 51  | 78  | 94  | 113 | 150              |  |  |
| 13D       | 149  | 176 | 203 | 199  | 176 | 207 | 98  | 184  | 184  | 184 | -4  | -43 | 51   | 71  | 98  | 109 | 152  | 550 | 495 | 651 | 815 | 199 | 113 | 441 | 227              |  |  |
| 14D       | -144 | 246 | -35 | -152 | -58 | -58 | -4  | -160 | -128 | 74  | 160 | 234 | 129  | 63  | 8   | 12  | -27  | 20  | 51  | 63  | 82  | 125 | 172 | 172 | 35               |  |  |
| 15        | 180  | 184 | 199 | 211  | 207 | 199 | 180 | 129  | 168  | 168 | 145 | 149 | 211  | 168 | 199 | 74  | 98   | 20  | 71  | 125 | 129 | 141 | 149 | 152 | 152              |  |  |
| 16D       | 156  | 152 | 168 | 195  | 215 | 219 | 230 | 227  | 203  | 4   | 82  | 160 | 129  | 141 | 149 | 137 | 180  | 149 | 172 | 152 | 129 | 125 | 117 | 109 | 154              |  |  |
| 17        | 149  | 219 | 215 | 176  | 180 | 187 | 176 | 160  | 160  | 149 | 145 | 129 | 94   | 67  | 67  | 109 | 137  | 149 | 149 | 149 | 149 | 141 | 141 | 133 | 147              |  |  |
| 18        | 156  | 184 | 184 | 168  | 211 | 211 | 172 | 168  | 168  | 168 | 145 | 94  | 4    | 67  | 67  | 78  | 117  | 117 | 129 | 129 | 137 | 145 | 152 | 156 | 138              |  |  |
| 19        | 168  | 187 | 203 | 195  | 187 | 176 | 152 | 149  | 145  | 145 | 145 | 137 | 63   | 39  | 67  | 4   | 51   | 109 | 145 | 141 | 133 | 106 | 113 | 121 | 128              |  |  |
| 20        | 152  | 145 | 207 | 184  | 106 | 90  | 125 | 152  | 176  | 168 | 129 | 113 | 102  | 129 | 137 | 137 | 137  | 137 | 137 | 137 | 133 | 133 | 133 | 137 | 139              |  |  |
| 21        | 137  | 141 | 141 | 141  | 137 | 137 | 141 | 145  | 137  | 137 | 137 | 137 | 133  | 133 | 129 | 94  | 109  | 117 | 121 | 121 | 109 | 102 | 102 | 109 | 127              |  |  |
| 22        | 121  | 149 | 141 | 129  | 129 | 129 | 129 | 133  | 176  | 176 | 145 | 133 | 125  | 98  | 106 | 20  | 109  | 133 | 145 | 141 | 133 | 129 | 125 | 121 | 128              |  |  |
| 23        | 129  | 137 | 145 | 152  | 145 | 141 | 149 | 152  | 145  | 137 | 141 | 149 | 113  | 102 | 67  | 94  | 121  | 113 | 94  | 82  | 74  | 90  | 98  | 113 | 120              |  |  |
| 24D       | 125  | 133 | 152 | 211  | 238 | 145 | 102 | 160  | 90   | 129 | 160 | 156 | 137  | 106 | 55  | 82  | -121 | -82 | -89 | -82 | 74  | 113 | 125 | 137 | 94               |  |  |
| 25        | 160  | 164 | 168 | 184  | 184 | 176 | 191 | 195  | 156  | 156 | 117 | 63  | 121  | 113 | 39  | 43  | 63   | 78  | 98  | 113 | 109 | 113 | 109 | 113 | 126              |  |  |
| 26        | 129  | 187 | 184 | 199  | 164 | 156 | 164 | 203  | 160  | 67  | 102 | 145 | 121  | -4  | 39  | 67  | 16   | 86  | 121 | 125 | 117 | 102 | 98  | 117 | 119              |  |  |
| 27        | 133  | 141 | 152 | 152  | 160 | 160 | 20  | 94   | 137  | 176 | 160 | 129 | 82   | 98  | 102 | 98  | 51   | 109 | 129 | 129 | 133 | 129 | 133 | 129 | 122              |  |  |
| 28        | 133  | 145 | 172 | 187  | 195 | 195 | 191 | 168  | 180  | 164 | 149 | 55  | 24   | 106 | 94  | 28  | 35   | 28  | 43  | 98  | 113 | 113 | 121 | 129 | 119              |  |  |
| 29        | 156  | 173 | 152 | 145  | 129 | 133 | 180 | 187  | 184  | 164 | 152 | 59  | -160 | 28  | 78  | 82  | 51   | 106 | 117 | 117 | 109 | 113 | 117 | 125 | 112              |  |  |
| 30        | 129  | 133 | 137 | 141  | 145 | 145 | 176 | 176  | 129  | 106 | 145 | 59  | 74   | 145 | 137 | 141 | 129  | -11 | -4  | 82  | 109 | 117 | 129 | 129 | 117              |  |  |
| 31        | 137  | 141 | 152 | 180  | 168 | 187 | 184 | 187  | 106  | 121 | 102 | -35 | 94   | 12  | 78  | 106 | 82   | 86  | 113 | 137 | 145 | 137 | 137 | 137 | 121              |  |  |
| срзн      | 128  | 150 | 148 | 148  | 154 | 157 | 152 | 149  | 143  | 142 | 131 | 109 | 92   | 102 | 106 | 101 | 82   | 97  | 106 | 116 | 132 | 116 | 118 | 134 | 126              |  |  |
| срзн<br>Q | 122  | 121 | 125 | 128  | 136 | 147 | 150 | 147  | 141  | 137 | 120 | 109 | 98   | 109 | 116 | 116 | 112  | 112 | 112 | 108 | 106 | 106 | 109 | 111 | 121              |  |  |
| срзн<br>D | 83   | 169 | 127 | 124  | 152 | 144 | 146 | 110  | 96   | 108 | 114 | 134 | 131  | 138 | 124 | 145 | 70   | 137 | 128 | 144 | 230 | 128 | 124 | 194 | 132              |  |  |

Станция Уэлен

Арктический и Антарктический научно-исследовательский институт

Год 1982 месяц августэлемент D = 14°30'0 + ...

|            | 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          | 11   | 10   | 11   | 12   | 15   | 19   | 16   | 15   | 16   | 8    | 13   | 14   | 15   | 16   | 18   | 21   | 21   | 23   | 31   | 30   | 26   | 18   | 16   | 15   | 17,1             |  |  |
| 2D         | 6    | 9    | 13   | 11   | 11   | 15   | 14   | 13   | 12   | 14   | -36  | 9    | 18   | 8    | 21   | 23   | 30   | 25   | 29   | 29   | 25   | 18   | 4    | 4    | 13,5             |  |  |
| 3          | 6    | 9    | 7    | 6    | 10   | 13   | 20   | 15   | 17   | 23   | 9    | 1    | 13   | 5    | 14   | 13   | 22   | 20   | 23   | 30   | 26   | 22   | 17   | 11   | 14,7             |  |  |
| 4          | 15   | 10   | 11   | 12   | 12   | 13   | 20   | 21   | 25   | 17   | 15   | 10   | 12   | 17   | 9    | 11   | 21   | 25   | 30   | 28   | 25   | 22   | 11   | 11   | 16,8             |  |  |
| 5          | 11   | 7    | 7    | 9    | 12   | 11   | 14   | 19   | 27   | 19   | 15   | 16   | 17   | 13   | 15   | 18   | 13   | 26   | 33   | 28   | 30   | 23   | 14   | 15   | 17,2             |  |  |
| 6          | 11   | 7    | 5    | 6    | 10   | 13   | 18   | 15   | 16   | 18   | 26   | 14   | 15   | 13   | 5    | 15   | 24   | 31   | 28   | 29   | 27   | 23   | 18   | 13   | 16,7             |  |  |
| 7D         | 17   | 3    | 9    | 13   | 15   | 12   | 25   | 22   | 19   | -23  | 1    | -6   | -1   | 8    | -9   | 19   | 26   | 24   | 24   | 30   | 30   | 26   | 20   | 15   | 13,3             |  |  |
| 8Q         | 11   | 9    | 8    | 9    | 11   | 15   | 18   | 19   | 20   | 18   | 18   | 18   | 16   | 15   | 18   | 20   | 25   | 27   | 32   | 31   | 29   | 23   | 17   | 12   | 18,3             |  |  |
| 9          | 8    | 7    | 7    | 11   | 11   | 17   | 19   | 20   | 15   | 12   | 15   | 13   | 14   | 15   | 14   | 11   | 26   | 26   | 26   | 31   | 27   | 20   | 18   | 7    | 16,2             |  |  |
| 10D        | 13   | 9    | 9    | 7    | 9    | 11   | 18   | 13   | 12   | 14   | 15   | 17   | 13   | 13   | 13   | 5    | 10   | 25   | 25   | 23   | 25   | 27   | 21   | 13   | 15,0             |  |  |
| 11         | 6    | 7    | 7    | 8    | 10   | 13   | 14   | 18   | 16   | 26   | 16   | 14   | 16   | 2    | 11   | 17   | -8   | 23   | 26   | 25   | 30   | 23   | 20   | 14   | 14,8             |  |  |
| 12         | 12   | 11   | 12   | 11   | 13   | 17   | 26   | 10   | 12   | 16   | 8    | 1    | 11   | 7    | -5   | 15   | 17   | 17   | 23   | 26   | 22   | 19   | 13   | 11   | 13,5             |  |  |
| 13         | 9    | 9    | 10   | 13   | 13   | 13   | 17   | 21   | 13   | 13   | 16   | 20   | 11   | 12   | 14   | 16   | 18   | 21   | 26   | 27   | 23   | 19   | 15   | 17   | 16,1             |  |  |
| 14Q        | 11   | 12   | 14   | 16   | 16   | 16   | 17   | 17   | 18   | 16   | 16   | 16   | 15   | 15   | 13   | 13   | 20   | 27   | 25   | 27   | 26   | 20   | 16   | 12   | 17,2             |  |  |
| 15Q        | 10   | 10   | 14   | 15   | 17   | 17   | 17   | 16   | 16   | 17   | 17   | 18   | 16   | 16   | 19   | 21   | 25   | 25   | 25   | 27   | 25   | 23   | 15   | 14   | 18,1             |  |  |
| 16Q        | 14   | 13   | 12   | 12   | 12   | 13   | 15   | 15   | 15   | 16   | 16   | 18   | 18   | 18   | 18   | 20   | 23   | 30   | 29   | 28   | 31   | 21   | 13   | 10   | 17,9             |  |  |
| 17         | 6    | 6    | 10   | 11   | 6    | 5    | 11   | 11   | 14   | 15   | 15   | 16   | 18   | 18   | 23   | 24   | 25   | 27   | 30   | 32   | 21   | 20   | 20   | 9    | 16,4             |  |  |
| 18         | 5    | 3    | 9    | 10   | 8    | 11   | 12   | 15   | 15   | 14   | 15   | 18   | 17   | 23   | 26   | 25   | 29   | 26   | 29   | 32   | 24   | 19   | 15   | 12   | 17,2             |  |  |
| 19Q        | 8    | 6    | 6    | 9    | 11   | 9    | 15   | 15   | 14   | 15   | 14   | 17   | 19   | 20   | 20   | 24   | 28   | 30   | 32   | 31   | 25   | 25   | 15   | 13   | 17,5             |  |  |
| 20         | 11   | 7    | 7    | 9    | 12   | 13   | 14   | 15   | 16   | 17   | 15   | 15   | 9    | 15   | 25   | 24   | 25   | 26   | 32   | 35   | 33   | 20   | 20   | 11   | 17,8             |  |  |
| 21         | 9    | 9    | 7    | 6    | 12   | 15   | 16   | 17   | 16   | 17   | 18   | 18   | 20   | 18   | 22   | 17   | 28   | 29   | 29   | 30   | 27   | 20   | 15   | 11   | 17,8             |  |  |
| 22         | 11   | 7    | 8    | 13   | 14   | 14   | 15   | 15   | 15   | 13   | 18   | 18   | 15   | 18   | 25   | 15   | 28   | 27   | 31   | 33   | 27   | 14   | 14   | 11   | 17,5             |  |  |
| 23         | 6    | 6    | 9    | 11   | 12   | 13   | 15   | 12   | 13   | 13   | 17   | 15   | 18   | 15   | 23   | 22   | 13   | 25   | 34   | 34   | 29   | 25   | 16   | 12   | 17,0             |  |  |
| 24         | 11   | 9    | 9    | 12   | 12   | 11   | 20   | 18   | 16   | 16   | 15   | 17   | 18   | 13   | 19   | 4    | 23   | 33   | 34   | 31   | 27   | 22   | 15   | 13   | 17,4             |  |  |
| 25         | 12   | 10   | 9    | 11   | 13   | 8    | 26   | 14   | 15   | 14   | 6    | 18   | 21   | 19   | 13   | 22   | 23   | 29   | 31   | 32   | 27   | 23   | 16   | 11   | 17,6             |  |  |
| 26         | 11   | 11   | 9    | 7    | 10   | 9    | 16   | 16   | 15   | 20   | 16   | 15   | -1   | 27   | 26   | 27   | 25   | 30   | 32   | 29   | 25   | 23   | 20   | 18   | 18,2             |  |  |
| 27         | 10   | 8    | 9    | 9    | 10   | 12   | 13   | 13   | 17   | 16   | 16   | 20   | 18   | 19   | 18   | 19   | 25   | 28   | 27   | 25   | 21   | 17   | 14   | 12   | 16,5             |  |  |
| 28         | 11   | 11   | 11   | 12   | 14   | 15   | 15   | 15   | 15   | 15   | 15   | 16   | 19   | 18   | 20   | 21   | 26   | 32   | 34   | 27   | 23   | 15   | 1    | -3   | 16,6             |  |  |
| 29D        | 6    | 6    | 8    | 11   | 15   | 13   | 13   | 21   | 18   | -23  | 6    | 9    | 12   | 25   | 16   | 21   | 24   | 29   | 33   | 25   | 20   | 15   | 9    | 9    | 14,2             |  |  |
| 30D        | 7    | 11   | 11   | 11   | 11   | 11   | 18   | 27   | 18   | 4    | 15   | 18   | 27   | 18   | 19   | 16   | 28   | 26   | 26   | 29   | 23   | 19   | 13   | 12   | 17,2             |  |  |
| 31         | 11   | 11   | 11   | 16   | 15   | 16   | 16   | 23   | 18   | 15   | 15   | 19   | 13   | 8    | 24   | 20   | 16   | 30   | 32   | 25   | 20   | 13   | 6    | 10   | 16,8             |  |  |
| ср.зн      | 9,9  | 8,5  | 9,3  | 10,6 | 12,0 | 13,0 | 16,9 | 16,6 | 16,3 | 13,1 | 12,8 | 14,3 | 14,7 | 15,1 | 16,4 | 18,0 | 21,9 | 26,5 | 29,1 | 29,0 | 25,8 | 20,5 | 14,7 | 11,5 | 16,5             |  |  |
| ср.зн<br>Q | 10,8 | 10,0 | 10,8 | 12,2 | 13,4 | 14,0 | 16,4 | 16,4 | 16,6 | 16,4 | 16,2 | 17,4 | 16,8 | 16,8 | 17,6 | 19,6 | 24,2 | 27,8 | 28,6 | 28,8 | 27,2 | 22,4 | 15,2 | 12,2 | 17,8             |  |  |
| ср.зн<br>D | 9,8  | 7,6  | 10,0 | 10,6 | 12,2 | 12,4 | 17,6 | 19,2 | 15,8 | -2,8 | 0,2  | 9,4  | 12,8 | 14,4 | 12,0 | 16,8 | 23,6 | 25,8 | 27,4 | 27,2 | 24,6 | 21,0 | 13,4 | 10,6 | 14,6             |  |  |

Станция Уэлен Арктический и Антарктический научно-исследовательский институтГод 1982 месяц август элемент H=14000 нтл + ...

|         | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11   | 12  | 13   | 14  | 15   | 16   | 17   | 18   |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|------|-----|------|------|------|------|
| 1       | 157 | 157 | 168 | 168 | 187 | 202 | 183 | 191 | 202 | 187 | 221  | 202 | 161  | 126 | 183  | 176  | 164  | 119  |
| 2D      | 149 | 157 | 187 | 195 | 218 | 248 | 210 | 210 | 225 | 305 | -128 | 31  | 168  | -78 | -41  | -147 | -147 | 20   |
| 3       | 164 | 180 | 176 | 202 | 248 | 271 | 256 | 263 | 286 | 248 | 161  | 66  | 88   | 111 | 35   | -78  | 191  | 119  |
| 4       | 157 | 157 | 172 | 191 | 195 | 199 | 218 | 225 | 218 | 199 | 202  | 176 | 119  | 168 | 58   | 69   | 149  | 123  |
| 5       | 176 | 168 | 176 | 187 | 233 | 202 | 229 | 282 | 400 | 263 | 218  | 176 | 157  | 115 | 149  | 145  | -26  | 20   |
| 6       | 142 | 145 | 153 | 164 | 199 | 210 | 195 | 199 | 214 | 256 | 195  | 119 | 202  | 187 | 111  | 210  | 195  | 191  |
| 7D      | 134 | 134 | 218 | 316 | 506 | 351 | 423 | 377 | 362 | 88  | -208 | 58  | -269 | -94 | -193 | -474 | -94  | 202  |
| 8       | 149 | 149 | 153 | 153 | 157 | 164 | 153 | 157 | 172 | 172 | 172  | 187 | 183  | 191 | 202  | 202  | 202  | 202  |
| 9       | 142 | 145 | 149 | 153 | 157 | 187 | 229 | 415 | 324 | 252 | 237  | 214 | 180  | 161 | 126  | 50   | -29  | 20   |
| 10D     | 153 | 183 | 172 | 202 | 271 | 301 | 359 | 385 | 301 | 294 | 218  | 164 | 180  | 164 | 157  | -98  | -109 | 88   |
| 11      | 104 | 138 | 176 | 172 | 164 | 195 | 180 | 195 | 210 | 210 | 123  | 145 | 183  | 20  | -41  | -170 | -565 | -284 |
| 12      | 149 | 149 | 191 | 164 | 168 | 271 | 400 | 339 | 259 | 172 | 58   | 28  | 81   | -41 | -223 | 12   | 43   | 73   |
| 13      | 149 | 164 | 176 | 210 | 202 | 210 | 195 | 221 | 225 | 214 | 180  | 172 | 149  | 172 | 161  | 176  | 172  | 153  |
| 14Q     | 142 | 145 | 149 | 164 | 161 | 172 | 172 | 172 | 195 | 183 | 172  | 168 | 183  | 187 | 180  | 142  | 126  | 161  |
| 15Q     | 157 | 157 | 164 | 164 | 161 | 164 | 168 | 172 | 176 | 180 | 180  | 187 | 183  | 172 | 172  | 168  | 172  | 172  |
| 16Q     | 145 | 145 | 157 | 161 | 191 | 172 | 168 | 180 | 183 | 187 | 187  | 187 | 183  | 180 | 180  | 164  | 134  | 161  |
| 17      | 142 | 142 | 153 | 161 | 256 | 248 | 233 | 267 | 256 | 187 | 172  | 168 | 172  | 176 | 172  | 183  | 180  | 172  |
| 18      | 138 | 145 | 153 | 168 | 229 | 210 | 187 | 172 | 183 | 187 | 187  | 183 | 183  | 172 | 153  | 126  | 130  | 104  |
| 19Q     | 138 | 149 | 149 | 183 | 176 | 202 | 176 | 195 | 210 | 218 | 202  | 199 | 187  | 183 | 172  | 172  | 187  | 176  |
| 20      | 142 | 138 | 164 | 172 | 180 | 195 | 195 | 183 | 191 | 202 | 187  | 195 | 88   | 73  | 187  | 191  | 191  | 164  |
| 21      | 153 | 164 | 172 | 164 | 214 | 187 | 180 | 195 | 180 | 194 | 187  | 187 | 187  | 164 | 168  | 73   | 164  | 180  |
| 22      | 161 | 161 | 161 | 153 | 180 | 183 | 183 | 180 | 206 | 206 | 225  | 202 | 202  | 104 | 35   | -124 | 180  | 191  |
| 23      | 149 | 161 | 164 | 183 | 195 | 191 | 191 | 248 | 206 | 202 | 202  | 191 | 191  | 142 | 134  | 164  | -3   | 81   |
| 24      | 142 | 142 | 161 | 180 | 218 | 229 | 210 | 240 | 233 | 218 | 183  | 187 | 168  | 111 | 5    | -3   | 92   | 157  |
| 25      | 157 | 157 | 153 | 187 | 191 | 248 | 286 | 183 | 199 | 218 | 58   | 142 | 164  | 183 | 96   | 172  | 149  | 81   |
| 26      | 153 | 176 | 153 | 187 | 183 | 229 | 256 | 210 | 233 | 183 | 187  | 187 | -90  | -78 | 43   | 92   | 142  | 172  |
| 27      | 138 | 142 | 164 | 172 | 176 | 172 | 187 | 195 | 206 | 199 | 202  | 191 | 187  | 142 | 123  | 142  | 176  | 164  |
| 28      | 153 | 164 | 172 | 180 | 180 | 183 | 183 | 187 | 187 | 195 | 202  | 206 | 202  | 187 | 187  | 168  | 157  | 157  |
| 29D     | 157 | 157 | 172 | 210 | 263 | 263 | 370 | 332 | 149 | -56 | 43   | -10 | 246  | 28  | -18  | -48  | 43   | -3   |
| 30D     | 149 | 172 | 180 | 248 | 233 | 294 | 544 | 404 | 370 | 58  | 28   | 104 | 50   | 66  | -74  | -48  | 134  | 58   |
| 31      | 153 | 168 | 199 | 202 | 195 | 195 | 256 | 259 | 199 | 195 | 199  | 164 | 81   | -64 | 96   | 111  | 69   | 142  |
| Средн   | 148 | 155 | 168 | 184 | 208 | 218 | 238 | 240 | 231 | 194 | 150  | 154 | 124  | 109 | 87   | 62   | 83   | 114  |
| Средн Q | 146 | 149 | 154 | 165 | 169 | 175 | 167 | 175 | 187 | 188 | 183  | 186 | 184  | 183 | 181  | 170  | 164  | 174  |
| Средн D | 148 | 161 | 186 | 234 | 298 | 291 | 380 | 342 | 281 | 138 | -9   | 69  | -23  | 24  | -34  | -163 | -35  | 73   |

| 19   | 20  | 21  | 22  | 23  | 24  | Средне<br>сутки |
|------|-----|-----|-----|-----|-----|-----------------|
| 111  | 164 | 172 | 164 | 153 | 149 | 169             |
| -117 | -56 | 88  | 134 | 149 | 168 | 92              |
| -93  | 149 | 157 | 149 | 134 | 138 | 151             |
| 123  | 134 | 153 | 153 | 157 | 164 | 162             |
| 172  | 161 | 180 | 157 | 145 | 138 | 176             |
| 164  | 138 | 142 | 164 | 157 | 168 | 176             |
| 210  | 202 | 164 | 153 | 161 | 153 | 120             |
| 199  | 187 | 176 | 164 | 164 | 157 | 174             |
| 35   | 81  | 58  | 104 | 92  | 126 | 150             |
| 157  | 119 | 157 | 168 | 119 | 134 | 176             |
| -162 | 58  | 191 | 187 | 164 | 149 | 73              |
| 31   | 111 | 126 | 130 | 130 | 126 | 123             |
| 168  | 161 | 149 | 157 | 161 | 145 | 177             |
| 161  | 130 | 153 | 161 | 157 | 153 | 162             |
| 161  | 157 | 145 | 138 | 149 | 145 | 165             |
| 168  | 157 | 130 | 111 | 130 | 153 | 163             |
| 153  | 126 | 130 | 130 | 130 | 119 | 176             |
| 138  | 149 | 145 | 138 | 138 | 134 | 160             |
| 153  | 138 | 157 | 138 | 145 | 142 | 173             |
| 157  | 153 | 142 | 138 | 130 | 134 | 162             |
| 157  | 130 | 126 | 134 | 142 | 145 | 164             |
| 153  | 130 | 92  | 130 | 149 | 153 | 150             |
| 142  | 149 | 149 | 134 | 111 | 134 | 159             |
| 157  | 142 | 149 | 145 | 149 | 149 | 157             |
| 119  | 153 | 142 | 130 | 111 | 119 | 158             |
| 183  | 164 | 172 | 157 | 149 | 134 | 149             |
| 168  | 153 | 149 | 145 | 149 | 149 | 166             |
| 183  | 168 | 157 | 111 | 111 | 134 | 171             |
| 50   | 157 | 142 | 130 | 149 | 153 | 108             |
| 24   | 149 | 168 | 138 | 138 | 134 | 155             |
| 172  | 153 | 130 | 111 | 138 | 145 | 153             |
| 116  | 138 | 145 | 142 | 141 | 143 | 154             |
| 168  | 154 | 152 | 142 | 149 | 150 | 167             |
| 65   | 114 | 144 | 145 | 143 | 148 | 130             |



Станция Чэлен

Арктический и Антарктический научно-исследовательский институт

М-34

Год 1982 месяц августэлемент Z=53400 н.т.

|           | 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         | 149 | 152 | 164 | 160 | 160 | 164  | 156  | 160  | 164 | 113  | 133 | 137 | 82   | 43   | 121 | 129 | 129 | 90  | 28  | 55  | 86  | 109 | 113 | 125 | 122              |  |  |
| 2D        | 141 | 156 | 180 | 180 | 184 | 223  | 207  | 172  | 164 | 113  | -11 | 113 | 145  | 227  | 191 | 152 | 98  | -39 | 43  | -4  | 47  | 106 | 149 | 129 | 128              |  |  |
| 3         | 137 | 152 | 191 | 199 | 207 | 199  | 195  | 203  | 168 | 113  | 82  | 184 | 176  | 43   | 35  | 59  | 74  | 102 | 4   | 78  | 121 | 129 | 133 | 133 | 130              |  |  |
| 4         | 141 | 152 | 149 | 168 | 168 | 168  | 168  | 164  | 160 | 152  | 152 | 51  | -11  | 82   | 51  | 28  | 90  | 98  | 86  | 86  | 102 | 106 | 117 | 129 | 115              |  |  |
| 5         | 141 | 145 | 149 | 156 | 172 | 187  | 199  | 207  | 207 | 176  | 152 | 113 | 98   | 74   | 74  | 94  | 28  | 12  | 102 | 98  | 106 | 106 | 113 | 113 | 126              |  |  |
| 6         | 137 | 149 | 152 | 152 | 152 | 164  | 176  | 160  | 160 | 168  | 129 | 71  | 117  | 113  | 43  | 113 | 109 | 121 | 129 | 67  | 82  | 94  | 109 | 113 | 124              |  |  |
| 7D        | 133 | 184 | 215 | 230 | 227 | -191 | -448 | -199 | -11 | 28   | 145 | 347 | 195  | 285  | 176 | -4  | -23 | 78  | 149 | 168 | 152 | 145 | 133 | 133 | 94               |  |  |
| 8D        | 137 | 141 | 141 | 149 | 149 | 152  | 152  | 152  | 152 | 156  | 149 | 141 | 137  | 129  | 133 | 145 | 149 | 149 | 141 | 141 | 141 | 141 | 137 | 137 | 144              |  |  |
| 9         | 137 | 137 | 141 | 145 | 149 | 152  | 164  | 180  | 184 | 82   | 172 | 172 | 152  | 129  | 90  | 78  | -11 | -4  | 20  | 90  | 78  | 78  | 121 | 145 | 116              |  |  |
| 10D       | 145 | 160 | 199 | 187 | 195 | 211  | 207  | 160  | 160 | 152  | 129 | 141 | 137  | 137  | 133 | 98  | 43  | 86  | 106 | 106 | 98  | 129 | 141 | 152 | 142              |  |  |
| 11        | 152 | 145 | 172 | 172 | 152 | 164  | 180  | 180  | 160 | 129  | 20  | 82  | 129  | 117  | 82  | -19 | 113 | 106 | 145 | 113 | 125 | 129 | 145 | 145 | 127              |  |  |
| 12        | 145 | 145 | 152 | 164 | 160 | 176  | 234  | 215  | 215 | 168  | 78  | 78  | 59   | 86   | 94  | -19 | -15 | 32  | -19 | 35  | 94  | 109 | 137 | 137 | 111              |  |  |
| 13        | 156 | 160 | 164 | 176 | 195 | 191  | 187  | 195  | 168 | 191  | 160 | 109 | 74   | 133  | 106 | 129 | 141 | 125 | 137 | 141 | 129 | 133 | 141 | 145 | 149              |  |  |
| 14D       | 160 | 152 | 152 | 152 | 164 | 160  | 152  | 145  | 149 | 156  | 141 | 113 | 137  | 137  | 133 | 98  | 67  | 94  | 137 | 117 | 102 | 106 | 121 | 133 | 132              |  |  |
| 15D       | 149 | 152 | 152 | 149 | 145 | 141  | 137  | 137  | 137 | 137  | 137 | 141 | 141  | 137  | 129 | 133 | 133 | 133 | 133 | 121 | 121 | 125 | 125 | 125 | 136              |  |  |
| 16D       | 129 | 137 | 133 | 133 | 133 | 137  | 141  | 137  | 133 | 129  | 129 | 129 | 129  | 125  | 121 | 106 | 71  | 74  | 106 | 121 | 121 | 113 | 94  | 94  | 120              |  |  |
| 17        | 117 | 125 | 129 | 133 | 152 | 199  | 207  | 211  | 230 | 172  | 141 | 137 | 129  | 125  | 109 | 129 | 129 | 129 | 125 | 117 | 102 | 86  | 90  | 102 | 139              |  |  |
| 18        | 113 | 121 | 113 | 113 | 152 | 191  | 172  | 145  | 133 | 133  | 129 | 125 | 121  | 109  | 86  | 74  | 78  | 67  | 63  | 86  | 86  | 94  | 106 | 113 | 113              |  |  |
| 19D       | 125 | 129 | 133 | 133 | 139 | 149  | 141  | 133  | 149 | 160  | 149 | 141 | 127  | 117  | 121 | 113 | 121 | 117 | 109 | 98  | 94  | 98  | 106 | 117 | 125              |  |  |
| 20        | 121 | 137 | 145 | 149 | 137 | 137  | 141  | 137  | 129 | 141  | 145 | 141 | 94   | 20   | 67  | 109 | 129 | 117 | 98  | 106 | 102 | 106 | 109 | 113 | 118              |  |  |
| 21        | 125 | 129 | 145 | 164 | 184 | 160  | 129  | 129  | 129 | 137  | 145 | 129 | 125  | 121  | 63  | 51  | 59  | 117 | 117 | 113 | 113 | 106 | 109 | 117 | 122              |  |  |
| 22        | 125 | 141 | 149 | 129 | 121 | 121  | 121  | 121  | 125 | 152  | 168 | 137 | 129  | 28   | -58 | 35  | 59  | 109 | 98  | 106 | 90  | 63  | 94  | 109 | 103              |  |  |
| 23        | 137 | 137 | 137 | 137 | 133 | 137  | 133  | 152  | 168 | 141  | 137 | 125 | 121  | 102  | 35  | 98  | 43  | -7  | 20  | 86  | 98  | 109 | 121 | 129 | 110              |  |  |
| 24        | 137 | 145 | 145 | 129 | 141 | 176  | 199  | 203  | 199 | 168  | 121 | 125 | 106  | 74   | 28  | -66 | -58 | 43  | 78  | 109 | 113 | 117 | 117 | 113 | 111              |  |  |
| 25        | 121 | 129 | 129 | 141 | 145 | 156  | 215  | 168  | 164 | 172  | 12  | 28  | 74   | 125  | 59  | 82  | 98  | 67  | 86  | 94  | 113 | 117 | 117 | 129 | 114              |  |  |
| 26        | 129 | 137 | 141 | 149 | 145 | 149  | 207  | 176  | 195 | 168  | 145 | 117 | -144 | -218 | -19 | 47  | 78  | 94  | 109 | 113 | 109 | 117 | 117 | 121 | 99               |  |  |
| 27        | 129 | 133 | 129 | 125 | 133 | 133  | 137  | 137  | 152 | 137  | 133 | 106 | 94   | 63   | 43  | 71  | 106 | 113 | 109 | 109 | 109 | 113 | 117 | 121 | 115              |  |  |
| 28        | 125 | 125 | 125 | 125 | 125 | 125  | 125  | 125  | 125 | 129  | 141 | 94  | 133  | 129  | 121 | 102 | 63  | 35  | 59  | 71  | 90  | 106 | 113 | 113 | 109              |  |  |
| 29D       | 129 | 149 | 152 | 172 | 219 | 219  | 227  | 168  | -27 | -183 | 129 | 184 | 223  | 125  | 82  | 113 | 71  | 35  | 4   | 78  | 94  | 106 | 121 | 137 | 114              |  |  |
| 30D       | 149 | 156 | 164 | 172 | 223 | 238  | 176  | 160  | 156 | 47   | 39  | 43  | 4    | 67   | 129 | 98  | 43  | 35  | -11 | 51  | 113 | 137 | 149 | 160 | 112              |  |  |
| 31        | 168 | 164 | 172 | 184 | 168 | 156  | 176  | 227  | 195 | 180  | 168 | 90  | 28   | 4    | 74  | 86  | 86  | 63  | 98  | 102 | 109 | 121 | 121 | 133 | 128              |  |  |
| срзн      | 137 | 144 | 152 | 156 | 162 | 156  | 152  | 154  | 151 | 130  | 123 | 124 | 105  | 96   | 86  | 79  | 74  | 77  | 84  | 96  | 105 | 111 | 121 | 126 | 121              |  |  |
| срзн<br>Q | 140 | 142 | 142 | 143 | 145 | 148  | 145  | 142  | 144 | 148  | 141 | 133 | 134  | 129  | 127 | 119 | 108 | 113 | 124 | 120 | 116 | 117 | 117 | 121 | 132              |  |  |
| срзн<br>D | 139 | 161 | 182 | 188 | 210 | 140  | 74   | 92   | 88  | 31   | 86  | 166 | 141  | 168  | 142 | 91  | 46  | 39  | 58  | 80  | 101 | 125 | 139 | 142 | 118              |  |  |

Станция Уэлен

Арктический и Антарктический научно-исследовательский институт

Год 1982 месяц сентябрьэлемент D=14°30'01...

|        | 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 |  |  |
|--------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------------------|--|--|
| 10     | 10   | 11   | 11   | 15   | 16   | 16   | 18   | 17   | 15    | 15    | 14    | 15    | 16   | 18   | 22   | 20   | 25   | 27   | 25   | 25   | 25   | 19   | 15   | 13   | 17,6             |  |  |
| 2      | 12   | 11   | 11   | 12   | 13   | 14   | 14   | 21   | 15    | 13    | 16    | 5     | 19   | 20   | 22   | 23   | 20   | 24   | 25   | 25   | 20   | 15   | 11   | 7    | 16,2             |  |  |
| 3      | 9    | 10   | 11   | 9    | 10   | 15   | 18   | 26   | 17    | 14    | 26    | 11    | 20   | 18   | 18   | 20   | 22   | 25   | 27   | 25   | 20   | 15   | 12   | 12   | 17,1             |  |  |
| 4      | 11   | 13   | 11   | 11   | 18   | 18   | 19   | 14   | 15    | 23    | 4     | 18    | 29   | 6    | 18   | 26   | 27   | 28   | 29   | 29   | 20   | 13   | 14   | 4    | 17,4             |  |  |
| 5      | 9    | 9    | 9    | 13   | 17   | 16   | 22   | 24   | 4     | 12    | 13    | 13    | -1   | 23   | 30   | 15   | 30   | 30   | 32   | 29   | 20   | 13   | 8    | 13   | 16,8             |  |  |
| 6      | 29   | 19   | 47   | 54   | 33   | 23   | -1   | -16  | -69   | -78   | -65   | -36   | -6   | -16  | 23   | 16   | 61   | 33   | 43   | 33   | 33   | 23   | 18   | 23   | 9,3              |  |  |
| 7      | 5    | 15   | 11   | 11   | 8    | 13   | 11   | 18   | 13    | 12    | -15   | -20   | -15  | -5   | 27   | 25   | 4    | -21  | -5   | 23   | 23   | 19   | 20   | 13   | 7,9              |  |  |
| 8      | 14   | 11   | 13   | 14   | 15   | 15   | 15   | 16   | 15    | 15    | 16    | 16    | 18   | 19   | 20   | 23   | 25   | 27   | 29   | 26   | 24   | 26   | 18   | 19   | 18,7             |  |  |
| 9      | 13   | 18   | 8    | 9    | 12   | 13   | 12   | 11   | 11    | 17    | 16    | -1    | -3   | 23   | 15   | 16   | 29   | 30   | 28   | 25   | 20   | 16   | 11   | 12   | 15,0             |  |  |
| 10     | 11   | 11   | 11   | 13   | 13   | 14   | 16   | 15   | 15    | 16    | 17    | 17    | 18   | 18   | 18   | 17   | 18   | 25   | 25   | 25   | 24   | 20   | 18   | 17   | 17,2             |  |  |
| 11     | 15   | 14   | 12   | 9    | 10   | 12   | 13   | 13   | 13    | 13    | 15    | 12    | 5    | 23   | 26   | 23   | 21   | 19   | 25   | 23   | 19   | 20   | 15   | 15   | 16,0             |  |  |
| 12     | 13   | 11   | 11   | 11   | 9    | 12   | 13   | 11   | 13    | 16    | 15    | 15    | 18   | 18   | 18   | 18   | 22   | 21   | 21   | 25   | 12   | 13   | 20   | 22   | 15,8             |  |  |
| 13     | 11   | 8    | 7    | 6    | 11   | 13   | 15   | 16   | 16    | 15    | 18    | 15    | 18   | 18   | 18   | 18   | 26   | 23   | 22   | 22   | 20   | 18   | 18   | 15   | 16,1             |  |  |
| 14     | 14   | 14   | 13   | 13   | 8    | 11   | 15   | 15   | 13    | 15    | 15    | 17    | 18   | 18   | 18   | 19   | 23   | 22   | 20   | 11   | 23   | 20   | 17   | 13   | 16,0             |  |  |
| 15     | 13   | 13   | 13   | 14   | 13   | 12   | 9    | 13   | 15    | 15    | 14    | 15    | 17   | 19   | 18   | 19   | 25   | 30   | 27   | 24   | 23   | 20   | 18   | 14   | 17,2             |  |  |
| 16     | 15   | 13   | 15   | 15   | 14   | 14   | 11   | 12   | 13    | 13    | 15    | 15    | 18   | 21   | 23   | 24   | 25   | 26   | 28   | 23   | 18   | 20   | 15   | 13   | 17,5             |  |  |
| 17     | 12   | 13   | 13   | 13   | 15   | 15   | 15   | 13   | 2     | -8    | 11    | 17    | 15   | 17   | 20   | 22   | 23   | 27   | 29   | 25   | 20   | 18   | 15   | 13   | 15,6             |  |  |
| 18     | 14   | 12   | 8    | 9    | 11   | 11   | 14   | 9    | 13    | 14    | 15    | 15    | 20   | 23   | 36   | 30   | 27   | 25   | 30   | 31   | 12   | 18   | 21   | 15   | 18,0             |  |  |
| 19     | 13   | 11   | 8    | 10   | 6    | 6    | 11   | 13   | 14    | 11    | 11    | 15    | 18   | 18   | 13   | 34   | 34   | 31   | 26   | 23   | 15   | 18   | 16   | 13   | 16,2             |  |  |
| 20     | 11   | 11   | 12   | 11   | 12   | 11   | 11   | 25   | 17    | 18    | 11    | 15    | 20   | 21   | 12   | 22   | 26   | 25   | 23   | 24   | 23   | 21   | 15   | 11   | 17,0             |  |  |
| 21     | 6    | 12   | 13   | 10   | 13   | 13   | 15   | 11   | 25    | 18    | 5     | 2     | -9   | 26   | 27   | 25   | 23   | 25   | 18   | 9    | 6    | -13  | -3   | 10   | 11,9             |  |  |
| 22     | 16   | 22   | 19   | 23   | 5    | -30  | 5    | -10  | -52   | -40   | 5     | -73   | 26   | 26   | 31   | 27   | 27   | 22   | 20   | 10   | 8    | 12   | 19   | 20   | 5,8              |  |  |
| 23     | 14   | 13   | 16   | 11   | 8    | 11   | 16   | 18   | 15    | 4     | 22    | 19    | 23   | 23   | 20   | 16   | 23   | 30   | 27   | 23   | 13   | 14   | 16   | 11   | 16,9             |  |  |
| 24     | 10   | 11   | 13   | 11   | 12   | 9    | 18   | 28   | 15    | 15    | 15    | -3    | 15   | 27   | -1   | 33   | 26   | 24   | 21   | 23   | 23   | 20   | 19   | 16   | 16,7             |  |  |
| 25     | 14   | 13   | 12   | 13   | 14   | 15   | 16   | 15   | 15    | 14    | 18    | 18    | 16   | 15   | 21   | 21   | 24   | 25   | 26   | 23   | 26   | 23   | 15   | 11   | 17,6             |  |  |
| 26     | 10   | 10   | 11   | 12   | 13   | 12   | 14   | 16   | 15    | -1    | 1     | 2     | 13   | 71   | 60   | 25   | 18   | 4    | 33   | 16   | 5    | 16   | 15   | 12   | 16,8             |  |  |
| 27     | 12   | 11   | 8    | 9    | 9    | 12   | 13   | 14   | 18    | 26    | 13    | 16    | 17   | 16   | 18   | 17   | 23   | 21   | 24   | 25   | 22   | 20   | 20   | 15   | 16,6             |  |  |
| 28     | 15   | 14   | 13   | 13   | 14   | 15   | 15   | 16   | 14    | 14    | 15    | 17    | 21   | 20   | 19   | 19   | 21   | 20   | 22   | 23   | 22   | 23   | 16   | 15   | 17,3             |  |  |
| 29     | 15   | 14   | 13   | 13   | 15   | 15   | 14   | 13   | 22    | 16    | 18    | 12    | 19   | 23   | 20   | 21   | 20   | 22   | 20   | 18   | 19   | 15   | 16   | 15   | 17,0             |  |  |
| 30     | 15   | 15   | 14   | 15   | 15   | 15   | 15   | 18   | 19    | 9     | 15    | 18    | 20   | 23   | 24   | 18   | 25   | 24   | 19   | 17   | 20   | 9    | 2    | 9    | 16,4             |  |  |
| 31     |      |      |      |      |      |      |      |      |       |       |       |       |      |      |      |      |      |      |      |      |      |      |      |      |                  |  |  |
| срзн   | 12,7 | 12,8 | 12,9 | 13,4 | 12,7 | 12,0 | 13,7 | 14,2 | 9,5   | 8,5   | 10,3  | 7,2   | 14,1 | 19,7 | 21,8 | 21,7 | 24,8 | 23,1 | 24,6 | 22,8 | 19,3 | 16,8 | 15,0 | 13,7 | 15,7             |  |  |
| срзн Q | 12,6 | 12,8 | 12,4 | 13,8 | 14,8 | 15,0 | 15,6 | 15,2 | 14,6  | 9,6   | 15,0  | 15,8  | 17,6 | 19,8 | 20,8 | 19,6 | 22,2 | 25,0 | 23,6 | 22,0 | 21,6 | 16,2 | 13,2 | 13,4 | 16,8             |  |  |
| срзн D | 13,2 | 15,6 | 20,2 | 22,0 | 14,4 | 6,2  | 8,8  | 3,8  | -13,6 | -17,8 | -13,8 | -25,0 | 1,8  | 20,4 | 33,6 | 23,6 | 26,6 | 12,2 | 21,8 | 18,2 | 15,0 | 14,4 | 13,8 | 15,6 | 10,3             |  |  |

Год 1982 месяц сентябрь элемент H = 14000 нтл + ...

|         | 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      | 149 | 153 | 168 | 180  | 187 | 172 | 180 | 180 | 180  | 187  | 191  | 187  | 164  | 134  | 115  | 104  | 168  | 149  | 157  | 153  | 145  | 134 | 138 | 149 | 159              |  |  |
| 2       | 164 | 164 | 172 | 168  | 172 | 191 | 218 | 259 | 210  | 206  | 187  | -26  | 126  | 88   | 134  | 202  | 187  | 172  | 157  | 172  | 157  | 145 | 126 | 138 | 162              |  |  |
| 3       | 153 | 164 | 180 | 187  | 218 | 229 | 282 | 282 | 354  | 221  | 88   | -143 | 73   | 88   | 88   | 104  | 199  | 164  | 153  | 161  | 164  | 149 | 157 | 164 | 162              |  |  |
| 4       | 161 | 172 | 206 | 233  | 206 | 237 | 392 | 240 | 199  | 210  | -109 | -170 | -162 | -170 | -216 | -56  | 54   | 12   | 111  | 134  | 123  | 161 | 149 | 111 | 93               |  |  |
| 5       | 180 | 187 | 195 | 256  | 313 | 275 | 506 | 324 | 385  | 104  | 28   | 69   | -147 | -208 | -345 | -314 | -18  | 191  | 202  | 183  | 153  | 107 | 149 | 81  | 119              |  |  |
| 6D      | 187 | 332 | 544 | 1016 | 750 | 544 | 408 | 5   | -216 | -489 | -603 | 96   | -185 | -37  | -79  | -200 | -960 | -793 | -337 | -261 | -94  | 58  | 73  | 180 | -2               |  |  |
| 7D      | 210 | 377 | 362 | 438  | 438 | 385 | 240 | 240 | 240  | 35   | 39   | -254 | -117 | -56  | 5    | -3   | -451 | -512 | -542 | -48  | 157  | 138 | 145 | 130 | 66               |  |  |
| 8       | 145 | 145 | 138 | 157  | 149 | 149 | 153 | 153 | 149  | 161  | 164  | 172  | 172  | 172  | 172  | 176  | 168  | 161  | 149  | 153  | 153  | 119 | 149 | 142 | 155              |  |  |
| 9       | 142 | 240 | 172 | 180  | 199 | 180 | 195 | 180 | 256  | 275  | 263  | 43   | -33  | 161  | 66   | 9    | 149  | 115  | 88   | 111  | 88   | 119 | 142 | 134 | 145              |  |  |
| 10Q     | 134 | 142 | 172 | 164  | 180 | 164 | 161 | 164 | 164  | 168  | 164  | 168  | 168  | 172  | 164  | 157  | 126  | 138  | 157  | 157  | 145  | 145 | 145 | 145 | 157              |  |  |
| 11      | 142 | 142 | 149 | 164  | 164 | 172 | 180 | 176 | 187  | 183  | 202  | 202  | -22  | 96   | 164  | 161  | 130  | 66   | 123  | 157  | 149  | 134 | 138 | 142 | 146              |  |  |
| 12      | 138 | 145 | 161 | 172  | 180 | 176 | 180 | 183 | 191  | 199  | 191  | 172  | 168  | 168  | 161  | 145  | 157  | 164  | 153  | 138  | 142  | 157 | 142 | 115 | 162              |  |  |
| 13      | 111 | 153 | 180 | 161  | 142 | 157 | 157 | 157 | 161  | 199  | 191  | 191  | 168  | 157  | 123  | -64  | 134  | 145  | 157  | 145  | 138  | 138 | 134 | 134 | 144              |  |  |
| 14      | 134 | 149 | 157 | 180  | 199 | 161 | 164 | 168 | 187  | 172  | 168  | 164  | 164  | 164  | 161  | 164  | 164  | 130  | 92   | 85   | 130  | 138 | 142 | 138 | 153              |  |  |
| 15      | 134 | 134 | 153 | 172  | 195 | 164 | 183 | 180 | 202  | 195  | 172  | 172  | 172  | 168  | 164  | 126  | 142  | 157  | 153  | 149  | 142  | 142 | 138 | 138 | 160              |  |  |
| 16      | 153 | 157 | 161 | 164  | 176 | 180 | 199 | 183 | 191  | 191  | 191  | 191  | 180  | 164  | 172  | 164  | 164  | 164  | 142  | 119  | 142  | 145 | 145 | 142 | 166              |  |  |
| 17Q     | 149 | 149 | 157 | 161  | 161 | 164 | 180 | 187 | 240  | -48  | 218  | 221  | 191  | 176  | 161  | 145  | 138  | 134  | 145  | 145  | 142  | 142 | 149 | 157 | 158              |  |  |
| 18      | 164 | 142 | 180 | 180  | 172 | 164 | 164 | 233 | 210  | 183  | 180  | 206  | 199  | 153  | 73   | 104  | 161  | 161  | 107  | -41  | -193 | 35  | 123 | 157 | 134              |  |  |
| 19      | 153 | 161 | 180 | 172  | 221 | 221 | 271 | 214 | 187  | 237  | 237  | 210  | 199  | 119  | -64  | -33  | 138  | 104  | 54   | 69   | 100  | 126 | 126 | 134 | 147              |  |  |
| 20      | 149 | 172 | 161 | 176  | 164 | 187 | 324 | 240 | 324  | 263  | 88   | -216 | -48  | 66   | -102 | 43   | 180  | 149  | 176  | 168  | 149  | 138 | 104 | 96  | 131              |  |  |
| 21D     | 123 | 153 | 195 | 271  | 301 | 244 | 324 | 461 | 332  | 415  | 377  | 172  | -466 | -22  | 126  | 176  | 164  | 157  | 149  | 35   | 50   | -79 | 43  | 142 | 160              |  |  |
| 22D     | 202 | 305 | 423 | 354  | 149 | 58  | 461 | 35  | -512 | -329 | -360 | -915 | 284  | 5    | 58   | 12   | -140 | -79  | -18  | 58   | 66   | 100 | 138 | 164 | -2               |  |  |
| 23      | 164 | 180 | 195 | 172  | 218 | 309 | 301 | 294 | 320  | 195  | 119  | 157  | 164  | 104  | 62   | -10  | 73   | 100  | 142  | 126  | 96   | 100 | 96  | 111 | 158              |  |  |
| 24      | 96  | 126 | 145 | 180  | 183 | 202 | 294 | 233 | 180  | 164  | 191  | -52  | -18  | -3   | -375 | -71  | 134  | 168  | 161  | 153  | 145  | 145 | 134 | 126 | 110              |  |  |
| 25      | 130 | 134 | 142 | 149  | 153 | 161 | 164 | 176 | 176  | 180  | 180  | 187  | 153  | 119  | 153  | 164  | 164  | 126  | 66   | 130  | 145  | 149 | 149 | 149 | 150              |  |  |
| 26D     | 149 | 153 | 157 | 180  | 172 | 172 | 183 | 240 | 210  | 111  | -117 | -231 | -292 | -421 | -421 | -246 | -421 | -406 | -588 | -284 | 58   | 187 | 115 | 134 | -50              |  |  |
| 27      | 244 | 316 | 282 | 202  | 210 | 229 | 199 | 195 | 240  | 256  | 119  | 115  | 138  | 107  | 69   | 81   | -185 | -41  | 58   | 161  | 161  | 157 | 134 | 134 | 149              |  |  |
| 28      | 142 | 142 | 153 | 180  | 164 | 176 | 172 | 164 | 161  | 172  | 172  | 180  | 168  | 168  | 164  | 161  | 157  | 149  | 149  | 157  | 153  | 153 | 153 | 153 | 161              |  |  |
| 29Q     | 142 | 145 | 145 | 142  | 153 | 164 | 172 | 187 | 229  | 221  | 172  | 88   | 35   | 134  | 149  | 153  | 149  | 138  | 126  | 134  | 142  | 157 | 157 | 153 | 149              |  |  |
| 30Q     | 145 | 142 | 145 | 149  | 157 | 164 | 168 | 180 | 195  | 275  | 267  | 195  | 5    | 28   | 104  | -56  | 35   | 138  | 115  | 134  | 161  | 111 | 111 | 157 | 134              |  |  |
| 31      |     |     |     |      |     |     |     |     |      |      |      |      |      |      |      |      |      |      |      |      |      |     |     |     |                  |  |  |
| Средн   | 153 | 179 | 198 | 222  | 215 | 205 | 239 | 204 | 184  | 151  | 112  | 52   | 34   | 66   | 40   | 50   | 42   | 54   | 65   | 95   | 114  | 125 | 131 | 138 | 128              |  |  |
| Средн Q | 144 | 146 | 157 | 159  | 168 | 166 | 172 | 180 | 202  | 161  | 202  | 172  | 113  | 129  | 139  | 101  | 123  | 139  | 140  | 145  | 147  | 138 | 140 | 152 | 151              |  |  |
| Средн D | 174 | 264 | 336 | 452  | 362 | 281 | 323 | 196 | 11   | -50  | -133 | -226 | -269 | -106 | -62  | -52  | -362 | -327 | 267  | -100 | 48   | 81  | 103 | 150 | 34               |  |  |



Станция Чэлен

Арктический и Антарктический научно-исследовательский институт

Год 1982 месяца сентябрьэлемент  $Z = 53400$  нТл + ...

|         | 1   | 2   | 3   | 4   | 5    | 6    | 7    | 8    | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  |
|---------|-----|-----|-----|-----|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1       | 145 | 152 | 149 | 149 | 149  | 141  | 137  | 141  | 137 | 137 | 137 | 137 | 94  | 16  | 55  | 74  | 106 | 98  |
| 2       | 141 | 141 | 145 | 156 | 156  | 160  | 168  | 227  | 199 | 164 | 133 | 55  | -4  | 12  | 47  | 125 | 55  | 121 |
| 3       | 149 | 156 | 156 | 160 | 187  | 203  | 223  | 246  | 207 | 168 | 67  | 63  | 129 | 109 | 129 | 94  | 129 | 133 |
| 4       | 141 | 145 | 164 | 184 | 199  | 191  | 265  | 254  | 203 | 121 | 20  | 145 | 12  | 234 | 117 | 55  | -4  | 47  |
| 5       | 156 | 184 | 168 | 199 | 203  | 207  | 199  | 207  | 180 | 90  | 67  | 90  | 176 | 67  | 94  | 109 | -4  | 90  |
| 6       | 238 | 308 | 324 | -82 | -160 | 152  | -167 | -261 | 98  | 129 | 347 | 254 | 394 | 347 | 418 | 363 | 347 | 347 |
| 7       | 168 | 137 | 113 | 94  | 28   | 113  | 219  | 223  | 176 | -58 | 12  | 121 | 137 | 301 | 145 | 121 | 250 | 215 |
| 8       | 160 | 160 | 160 | 164 | 168  | 164  | 164  | 156  | 156 | 156 | 164 | 172 | 156 | 145 | 149 | 149 | 149 | 149 |
| 9       | 141 | 125 | 137 | 164 | 199  | 184  | 176  | 172  | 164 | 168 | 137 | 152 | -15 | 82  | 82  | 51  | 63  | 106 |
| 10      | 156 | 156 | 160 | 164 | 160  | 152  | 152  | 149  | 145 | 141 | 141 | 141 | 137 | 137 | 141 | 141 | 125 | 90  |
| 11      | 141 | 141 | 145 | 152 | 156  | 156  | 156  | 156  | 160 | 164 | 156 | 152 | 4   | 0   | 78  | 121 | 102 | 86  |
| 12      | 141 | 141 | 137 | 145 | 156  | 172  | 156  | 160  | 168 | 176 | 160 | 156 | 141 | 137 | 133 | 129 | 109 | 125 |
| 13      | 129 | 156 | 184 | 156 | 137  | 137  | 141  | 141  | 137 | 145 | 156 | 152 | 149 | 137 | 117 | -15 | 67  | 113 |
| 14      | 141 | 141 | 141 | 145 | 168  | 180  | 156  | 145  | 152 | 164 | 149 | 141 | 137 | 133 | 125 | 121 | 125 | 133 |
| 15      | 129 | 133 | 137 | 137 | 152  | 176  | 180  | 172  | 172 | 168 | 152 | 141 | 137 | 129 | 129 | 117 | 94  | 106 |
| 16      | 129 | 129 | 133 | 137 | 137  | 133  | 141  | 164  | 168 | 152 | 156 | 160 | 149 | 133 | 129 | 129 | 121 | 121 |
| 17      | 125 | 129 | 133 | 133 | 133  | 133  | 133  | 137  | 137 | 121 | 121 | 164 | 152 | 152 | 145 | 133 | 129 | 113 |
| 18      | 137 | 149 | 145 | 160 | 168  | 149  | 137  | 168  | 195 | 156 | 145 | 149 | 149 | 125 | 90  | 86  | 102 | 117 |
| 19      | 137 | 145 | 145 | 160 | 168  | 176  | 195  | 176  | 152 | 160 | 109 | 152 | 152 | 152 | 67  | -58 | 51  | 74  |
| 20      | 141 | 145 | 141 | 145 | 149  | 168  | 145  | 113  | 156 | 152 | 82  | -27 | 4   | 59  | 63  | 20  | 121 | 133 |
| 21      | 133 | 141 | 168 | 211 | 230  | 176  | 207  | 113  | 35  | 8   | 8   | 90  | 20  | -74 | 90  | 121 | 98  | 78  |
| 22      | 176 | 223 | 191 | -4  | -210 | -261 | -589 | -167 | -4  | -35 | 308 | 402 | 308 | 281 | 375 | 316 | 254 | 121 |
| 23      | 160 | 168 | 184 | 184 | 191  | 191  | 211  | 191  | 191 | 63  | 106 | 113 | 129 | 98  | 113 | 51  | 51  | 63  |
| 24      | 145 | 152 | 149 | 156 | 156  | 164  | 184  | 203  | 184 | 156 | 156 | -27 | -89 | 55  | 133 | 43  | 51  | 117 |
| 25      | 145 | 145 | 141 | 145 | 145  | 145  | 141  | 141  | 149 | 160 | 168 | 156 | 125 | 121 | 113 | 129 | 133 | 129 |
| 26      | 141 | 141 | 141 | 145 | 164  | 160  | 172  | 211  | 145 | 160 | 145 | 176 | 324 | 176 | 207 | 581 | 566 | 168 |
| 27      | 223 | 207 | 187 | 191 | 223  | 230  | 238  | 207  | 168 | 90  | 94  | 133 | 137 | 149 | 156 | 152 | 129 | 106 |
| 28      | 172 | 176 | 180 | 187 | 195  | 180  | 172  | 164  | 156 | 156 | 156 | 156 | 137 | 141 | 145 | 141 | 141 | 149 |
| 29      | 145 | 145 | 149 | 152 | 152  | 145  | 145  | 160  | 168 | 160 | 172 | 156 | 106 | 102 | 129 | 141 | 149 | 145 |
| 30      | 149 | 149 | 149 | 145 | 141  | 141  | 141  | 149  | 172 | 187 | 172 | 133 | 149 | 129 | 102 | 59  | 32  | 71  |
| 31      |     |     |     |     |      |      |      |      |     |     |     |     |     |     |     |     |     |     |
| Средн   | 151 | 157 | 159 | 144 | 140  | 151  | 137  | 147  | 154 | 129 | 137 | 139 | 125 | 126 | 134 | 127 | 128 | 122 |
| Средн Q | 144 | 146 | 148 | 149 | 147  | 142  | 142  | 147  | 152 | 149 | 149 | 146 | 128 | 107 | 114 | 110 | 108 | 103 |
| Средн D | 171 | 190 | 187 | 73  | 10   | 68   | -32  | 24   | 90  | 41  | 164 | 209 | 237 | 206 | 247 | 300 | 303 | 186 |

| 19  | 20  | 21  | 22  | 23  | 24  | Средн<br>суточн |
|-----|-----|-----|-----|-----|-----|-----------------|
| 106 | 106 | 121 | 125 | 129 | 137 | 120             |
| 109 | 121 | 117 | 106 | 117 | 129 | 121             |
| 125 | 121 | 125 | 133 | 129 | 133 | 145             |
| 125 | 106 | 98  | 121 | 145 | 160 | 135             |
| 145 | 141 | 121 | 121 | 121 | 180 | 138             |
| 51  | 35  | 82  | 82  | 145 | 137 | 164             |
| 35  | 113 | 117 | 137 | 156 | 168 | 135             |
| 149 | 145 | 149 | 152 | 145 | 137 | 155             |
| 109 | 113 | 121 | 133 | 145 | 149 | 127             |
| 109 | 125 | 133 | 137 | 137 | 137 | 140             |
| 98  | 121 | 133 | 137 | 137 | 137 | 125             |
| 129 | 125 | 117 | 106 | 113 | 117 | 140             |
| 129 | 137 | 129 | 137 | 137 | 141 | 131             |
| 78  | 24  | 28  | 102 | 125 | 129 | 128             |
| 121 | 121 | 121 | 121 | 125 | 129 | 137             |
| 117 | 106 | 90  | 102 | 109 | 117 | 132             |
| 109 | 121 | 129 | 129 | 129 | 133 | 132             |
| 106 | 20  | -19 | 4   | 117 | 125 | 120             |
| 59  | 12  | 24  | 78  | 117 | 133 | 114             |
| 149 | 141 | 141 | 141 | 141 | 145 | 115             |
| 94  | 82  | 47  | 82  | 67  | 168 | 100             |
| 137 | 125 | 121 | 133 | 152 | 164 | 105             |
| 82  | 106 | 117 | 113 | 125 | 129 | 130             |
| 141 | 145 | 145 | 141 | 137 | 141 | 122             |
| 71  | 67  | 102 | 121 | 133 | 137 | 132             |
| 293 | 363 | 133 | 195 | 199 | 207 | 221             |
| 121 | 129 | 149 | 152 | 152 | 160 | 162             |
| 141 | 133 | 129 | 129 | 133 | 133 | 154             |
| 137 | 129 | 133 | 129 | 141 | 145 | 143             |
| 59  | 43  | 98  | 125 | 109 | 121 | 122             |
| 114 | 113 | 108 | 121 | 132 | 143 | 135             |
| 104 | 105 | 123 | 129 | 129 | 135 | 132             |
| 122 | 144 | 100 | 126 | 144 | 169 | 145             |

Станция Уэлен Арктический и Антарктический научно-исследовательский институт

М-34

Год 1982 месяц октябрьэлемент D = 14°30'0+...

|            | 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          | 11   | 11   | 10   | 9    | 11   | 12   | 12   | 11   | 11   | 24   | 23   | 25   | 23   | 25   | 25   | 30   | 27   | 9    | 11   | 23   | 20   | 15   | 13   | -1   | 16,2             |  |  |
| 2          | 14   | 15   | 11   | 11   | 11   | 9    | 11   | 12   | 11   | 4    | 18   | 20   | 12   | 25   | 28   | 23   | 21   | 15   | 15   | 18   | 16   | 15   | 13   | 15   | 15,1             |  |  |
| 3          | 15   | 13   | 13   | 13   | 13   | 15   | 14   | 12   | 15   | 19   | 17   | 21   | 25   | 15   | 22   | 22   | 23   | 22   | 22   | 20   | 16   | 16   | 15   | 15   | 17,2             |  |  |
| 4          | 14   | 14   | 13   | 14   | 15   | 12   | 12   | 11   | 14   | 11   | 15   | 16   | 18   | 18   | 18   | 18   | 18   | 21   | 20   | 20   | 18   | 18   | 16   | 14   | 15,8             |  |  |
| 5          | 13   | 12   | 12   | 12   | 13   | 12   | 11   | 13   | 13   | 15   | 16   | 17   | 18   | 18   | 18   | 18   | 18   | 18   | 23   | 23   | 23   | 20   | 16   | 14   | 16,1             |  |  |
| 6          | 11   | 9    | 11   | 10   | 9    | 5    | 9    | 10   | 15   | 15   | 14   | 6    | 27   | 23   | 24   | 32   | 23   | 23   | 24   | 9    | -5   | 8    | 10   | 16   | 14,1             |  |  |
| 7D         | 15   | 11   | 11   | 14   | 12   | 12   | 6    | -23  | -2   | 15   | -1   | 10   | 19   | 8    | 16   | 8    | 18   | 18   | 23   | 23   | 20   | 19   | 18   | 16   | 11,9             |  |  |
| 8          | 14   | 11   | 13   | 13   | 16   | 13   | 15   | 17   | 32   | 25   | 20   | 17   | 17   | 17   | 9    | 23   | 30   | 27   | 25   | 24   | 20   | 19   | 15   | 14   | 18,6             |  |  |
| 9Q         | 13   | 13   | 13   | 14   | 15   | 15   | 15   | 15   | 15   | 15   | 16   | 18   | 20   | 20   | 20   | 19   | 23   | 23   | 23   | 23   | 23   | 22   | 20   | 19   | 18,0             |  |  |
| 10         | 13   | 13   | 13   | 13   | 15   | 15   | 14   | 15   | 15   | 15   | 15   | 20   | 23   | 24   | 23   | 23   | 25   | 25   | 23   | 25   | 29   | 22   | 20   | 12   | 18,8             |  |  |
| 11         | 13   | 13   | 14   | 13   | 13   | 12   | 11   | 10   | 13   | 15   | 17   | 20   | 22   | 19   | 19   | 23   | 20   | 23   | 25   | 25   | 18   | 15   | 12   | 14   | 16,6             |  |  |
| 12         | 14   | 14   | 14   | 14   | 15   | 13   | 13   | 13   | 15   | 15   | -2   | 27   | 22   | 20   | 20   | 20   | 20   | 20   | 23   | 22   | 9    | 1    | 9    | 18   | 15,4             |  |  |
| 13D        | 15   | 15   | 11   | 8    | 9    | 9    | 11   | 14   | 13   | 15   | 16   | 16   | 23   | 26   | 34   | 30   | 8    | 37   | 1    | 13   | 4    | 4    | 13   | 6    | 14,6             |  |  |
| 14D        | 14   | 12   | 15   | 13   | 12   | 10   | 10   | 9    | -22  | 12   | 11   | 18   | -15  | 29   | 20   | 33   | 37   | 23   | 34   | 25   | 19   | 18   | 17   | 16   | 15,4             |  |  |
| 15D        | 14   | 13   | 13   | 13   | 15   | 15   | 14   | 15   | 15   | 12   | 17   | 19   | 17   | 16   | 21   | 21   | 21   | 22   | 25   | 19   | 20   | 21   | 18   | 18   | 17,2             |  |  |
| 16         | 15   | 14   | 15   | 15   | 15   | 15   | 13   | 15   | 15   | 16   | 15   | 18   | 18   | 23   | 25   | 17   | 27   | 27   | 27   | 25   | 22   | 21   | 11   | 13   | 18,2             |  |  |
| 17         | 14   | 13   | 12   | 11   | 10   | 17   | 16   | 15   | 15   | 20   | 19   | 20   | 22   | 17   | 17   | 18   | 20   | 21   | 21   | 22   | 18   | 11   | 9    | 15   | 16,4             |  |  |
| 18         | 11   | 11   | 14   | 13   | 12   | 15   | 15   | 16   | 18   | 15   | 15   | 9    | 11   | 16   | 12   | 61   | 39   | 23   | 25   | 20   | 15   | 13   | 13   | 12   | 17,7             |  |  |
| 19         | 15   | 15   | 13   | 17   | 17   | 15   | 13   | 26   | 15   | 18   | 16   | 19   | 20   | 25   | 23   | 20   | 21   | 22   | 22   | 20   | 20   | 15   | 11   | 12   | 17,9             |  |  |
| 20         | 14   | 15   | 13   | 17   | 18   | 15   | 17   | 17   | 25   | 15   | 18   | 13   | 13   | 9    | 20   | 21   | 20   | 20   | 20   | 21   | 21   | 18   | 15   | 15   | 17,1             |  |  |
| 21         | 13   | 12   | 12   | 14   | 15   | 14   | 15   | 16   | 18   | 17   | 17   | 18   | 18   | 19   | 19   | 18   | 18   | 21   | 18   | 25   | 25   | 20   | 18   | 16   | 17,3             |  |  |
| 22Q        | 15   | 15   | 14   | 14   | 15   | 15   | 15   | 15   | 16   | 18   | 17   | 18   | 20   | 20   | 15   | 18   | 20   | 20   | 20   | 22   | 23   | 21   | 18   | 18   | 17,6             |  |  |
| 23Q        | 16   | 16   | 15   | 15   | 15   | 14   | 16   | 15   | 15   | 15   | 17   | 17   | 17   | 18   | 18   | 13   | 17   | 27   | 25   | 24   | 23   | 19   | 17   | 15   | 17,5             |  |  |
| 24Q        | 15   | 15   | 15   | 14   | 15   | 14   | 14   | 16   | 17   | 17   | 18   | 20   | 20   | 19   | 19   | 21   | 25   | 30   | 26   | 25   | 22   | 19   | 17   | 15   | 18,7             |  |  |
| 25         | 15   | 13   | 12   | 11   | 11   | 11   | 10   | 13   | 18   | 18   | 15   | 21   | 19   | -1   | 51   | 37   | 39   | 37   | 29   | 15   | 13   | 12   | 15   | 15   | 18,7             |  |  |
| 26         | 15   | 10   | 8    | 8    | 5    | 17   | 15   | 16   | 16   | 15   | 16   | 15   | 11   | 21   | 20   | 20   | 19   | 19   | 20   | 20   | 21   | 20   | 19   | 18   | 16,0             |  |  |
| 27         | 17   | 15   | 13   | 13   | 13   | 13   | 13   | 11   | 9    | 14   | 21   | 18   | 20   | 20   | 6    | 21   | 26   | 27   | 25   | 20   | 20   | 19   | 20   | 20   | 17,2             |  |  |
| 28         | 16   | 15   | 13   | 13   | 13   | 13   | 15   | 14   | 13   | 16   | 20   | 18   | 23   | 28   | 24   | 20   | 20   | 19   | 21   | 24   | 25   | 25   | 20   | 18   | 18,6             |  |  |
| 29D        | 15   | 15   | 14   | 13   | 10   | 14   | 16   | 5    | -1   | 1    | 8    | 18   | 16   | 5    | 40   | 30   | 27   | 16   | 18   | 18   | 13   | 14   | 17   | 14   | 14,8             |  |  |
| 30         | 13   | 13   | 13   | 13   | 15   | 15   | 14   | 13   | 11   | -10  | 2    | 16   | 30   | 19   | 27   | 23   | 25   | 20   | 22   | 18   | 20   | 13   | 10   | 13   | 15,2             |  |  |
| 31D        | 15   | 15   | 15   | 15   | 18   | 18   | 20   | 15   | 16   | 16   | 16   | 18   | 18   | 18   | 20   | 23   | 25   | 20   | -1   | 5    | 22   | 15   | 14   | 12   | 16,2             |  |  |
| средн      | 14,1 | 13,3 | 12,8 | 12,9 | 13,3 | 13,4 | 13,4 | 12,6 | 13,2 | 14,5 | 14,9 | 17,6 | 18,3 | 18,7 | 21,7 | 23,4 | 23,5 | 22,1 | 21,1 | 20,5 | 18,5 | 16,4 | 15,1 | 14,4 | 16,7             |  |  |
| средн<br>Q | 14,6 | 14,4 | 14,0 | 14,0 | 15,0 | 14,6 | 14,8 | 15,2 | 15,6 | 15,4 | 17,0 | 18,4 | 18,8 | 18,6 | 18,6 | 18,4 | 21,2 | 24,4 | 23,8 | 22,6 | 22,2 | 20,4 | 18,0 | 17,0 | 17,8             |  |  |
| средн<br>D | 14,8 | 13,6 | 13,2 | 12,6 | 12,2 | 12,6 | 12,6 | 4,0  | 0,8  | 11,8 | 10,0 | 16,0 | 12,2 | 17,2 | 26,0 | 24,8 | 23,0 | 22,8 | 15,0 | 16,8 | 15,6 | 14,0 | 15,8 | 12,8 | 14,6             |  |  |

Станция Уэлен

Арктический и Антарктический научно-исследовательский институт

М-34

Год 1982месяц октябрьэлемент H = 14000 м Тлг..

|            | 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          | 157 | 149 | 161 | 161 | 157 | 164 | 183 | 214 | 259 | 187  | 81   | 96   | 81   | 5    | -33  | 145  | 126  | -128 | -109 | 142  | 142 | 111 | 58  | 149 | 111              |  |
| 2          | 191 | 218 | 195 | 187 | 180 | 252 | 324 | 263 | 221 | -170 | 111  | 126  | -71  | -216 | -48  | 126  | 107  | 50   | 20   | 88   | 142 | 142 | 142 | 157 | 114              |  |
| 3          | 157 | 142 | 153 | 161 | 172 | 168 | 187 | 187 | 176 | 180  | 149  | 138  | 107  | 12   | 88   | 134  | 149  | 164  | 157  | 157  | 149 | 149 | 138 | 145 | 147              |  |
| 4          | 149 | 142 | 145 | 142 | 157 | 176 | 187 | 191 | 225 | 199  | 161  | 138  | 28   | 24   | -109 | 73   | 172  | 161  | 145  | 138  | 153 | 149 | 138 | 138 | 134              |  |
| 5          | 138 | 149 | 142 | 157 | 183 | 202 | 187 | 176 | 157 | 164  | 164  | 168  | 168  | 172  | 172  | 172  | 168  | 157  | 161  | 168  | 153 | 149 | 138 | 134 | 162              |  |
| 6          | 142 | 142 | 161 | 164 | 183 | 199 | 248 | 286 | 199 | 172  | 183  | 73   | 119  | 73   | 172  | 58   | 80   | 172  | 104  | -48  | -14 | 81  | 119 | 126 | 137              |  |
| 7          | 149 | 126 | 259 | 278 | 332 | 476 | 377 | 385 | 290 | 172  | 58   | 81   | -75  | -113 | -26  | -284 | -216 | 50   | 183  | 180  | 157 | 149 | 149 | 149 | 137              |  |
| 8          | 145 | 134 | 161 | 183 | 218 | 199 | 164 | 168 | 164 | 161  | 172  | 164  | 161  | 153  | -37  | -140 | -10  | 16   | 85   | 111  | 157 | 126 | 126 | 134 | 121              |  |
| 9          | 145 | 142 | 145 | 157 | 164 | 168 | 164 | 168 | 168 | 172  | 176  | 172  | 168  | 164  | 161  | 157  | 172  | 172  | 164  | 161  | 153 | 145 | 142 | 142 | 160              |  |
| 10         | 134 | 149 | 164 | 172 | 172 | 180 | 180 | 176 | 183 | 187  | 210  | 225  | 210  | 183  | 168  | 168  | 172  | 172  | 168  | 164  | 149 | 138 | 138 | 138 | 171              |  |
| 11         | 149 | 149 | 153 | 172 | 168 | 183 | 210 | 202 | 187 | 180  | 176  | 172  | 183  | 164  | 134  | 164  | 161  | 164  | 161  | 153  | 142 | 142 | 157 | 149 | 166              |  |
| 12         | 157 | 153 | 164 | 168 | 172 | 180 | 176 | 187 | 187 | 199  | 66   | 142  | 183  | 176  | 164  | 164  | 149  | 157  | 157  | 107  | 43  | 81  | 145 | 153 | 151              |  |
| 13         | 149 | 149 | 149 | 134 | 187 | 206 | 218 | 180 | 180 | 214  | 256  | 172  | 66   | -261 | -322 | -474 | -242 | -159 | -94  | -3   | 24  | 43  | 85  | 134 | 41               |  |
| 14         | 157 | 161 | 225 | 305 | 221 | 271 | 358 | 430 | 286 | -360 | 43   | 88   | -368 | -117 | -124 | -64  | -22  | -45  | -10  | 50   | 130 | 153 | 153 | 161 | 87               |  |
| 15         | 149 | 145 | 149 | 157 | 168 | 161 | 168 | 176 | 180 | 252  | 332  | 225  | 172  | 157  | 164  | 164  | 164  | 161  | 138  | 149  | 172 | 164 | 168 | 164 | 175              |  |
| 16         | 164 | 161 | 157 | 164 | 172 | 172 | 183 | 180 | 199 | 240  | 244  | 240  | 206  | 172  | 96   | -79  | -33  | 73   | 149  | 138  | 149 | 138 | 153 | 153 | 150              |  |
| 17         | 149 | 157 | 164 | 206 | 210 | 191 | 172 | 187 | 191 | 202  | 206  | 164  | 96   | 58   | 50   | 142  | 164  | 157  | 157  | 119  | 111 | 73  | 134 | 142 | 150              |  |
| 18         | 142 | 138 | 161 | 164 | 187 | 199 | 195 | 233 | 199 | 187  | 172  | -45  | -22  | -337 | -360 | -276 | -117 | 119  | 180  | 140  | 134 | 145 | 157 | 153 | 77               |  |
| 19         | 157 | 153 | 153 | 164 | 176 | 180 | 180 | 164 | 176 | 176  | 176  | 157  | 157  | 142  | 111  | 104  | 126  | 96   | 96   | 130  | 134 | 134 | 100 | 134 | 145              |  |
| 20         | 134 | 168 | 176 | 183 | 199 | 214 | 233 | 214 | 237 | 183  | 191  | 199  | -64  | 28   | 157  | 153  | 168  | 168  | 164  | 164  | 153 | 153 | 153 | 153 | 158              |  |
| 21         | 157 | 149 | 142 | 161 | 176 | 176 | 172 | 172 | 176 | 172  | 168  | 168  | 164  | 164  | 168  | 149  | 126  | 126  | 126  | 149  | 149 | 157 | 153 | 157 | 157              |  |
| 22         | 157 | 161 | 161 | 161 | 168 | 172 | 176 | 176 | 176 | 180  | 176  | 172  | 172  | 176  | 157  | 164  | 172  | 172  | 164  | 161  | 153 | 149 | 153 | 153 | 166              |  |
| 23         | 153 | 153 | 157 | 164 | 168 | 168 | 168 | 172 | 180 | 180  | 180  | 183  | 176  | 172  | 164  | 104  | 92   | 153  | 168  | 164  | 164 | 157 | 149 | 145 | 160              |  |
| 24         | 153 | 157 | 164 | 172 | 172 | 176 | 176 | 176 | 180 | 176  | 176  | 168  | 172  | 172  | 172  | 168  | 157  | 161  | 168  | 183  | 168 | 168 | 164 | 157 | 169              |  |
| 25         | 157 | 157 | 164 | 176 | 176 | 263 | 210 | 218 | 286 | 278  | 191  | 123  | 73   | -238 | -299 | -147 | -83  | 20   | 88   | 134  | 187 | 187 | 164 | 157 | 110              |  |
| 26         | 172 | 153 | 157 | 180 | 309 | 411 | 620 | 347 | 210 | 206  | 176  | 161  | 119  | 130  | 119  | 142  | 149  | 119  | 138  | 153  | 153 | 149 | 142 | 142 | 198              |  |
| 27         | 138 | 142 | 153 | 161 | 172 | 180 | 191 | 191 | 229 | 271  | 233  | 176  | 172  | 123  | -109 | 5    | 149  | 149  | 142  | 153  | 168 | 164 | 145 | 153 | 152              |  |
| 28         | 145 | 142 | 149 | 161 | 172 | 176 | 176 | 187 | 187 | 199  | 202  | 104  | 111  | 81   | 157  | 172  | 176  | 176  | 176  | 180  | 187 | 176 | 164 | 153 | 163              |  |
| 29         | 157 | 164 | 164 | 172 | 187 | 362 | 377 | 347 | 297 | 81   | 50   | 66   | 81   | -231 | -580 | -269 | -64  | 58   | 157  | 172  | 149 | 134 | 157 | 142 | 97               |  |
| 30         | 134 | 176 | 168 | 168 | 180 | 183 | 225 | 267 | 240 | -26  | -200 | -170 | -413 | -162 | -268 | -304 | -352 | -261 | -33  | 134  | 183 | 153 | 115 | 153 | 13               |  |
| 31         | 149 | 153 | 149 | 149 | 168 | 195 | 187 | 161 | 161 | 157  | 153  | 149  | 142  | 145  | 157  | 104  | 142  | 142  | -284 | -223 | 145 | 88  | 96  | 123 | 113              |  |
| Средн      | 151 | 153 | 163 | 174 | 188 | 213 | 225 | 219 | 206 | 154  | 156  | 133  | 80   | 38   | 14   | 29   | 71   | 93   | 103  | 122  | 140 | 137 | 138 | 146 | 135              |  |
| Средн<br>Q | 151 | 152 | 155 | 162 | 168 | 169 | 170 | 174 | 177 | 197  | 208  | 184  | 172  | 168  | 164  | 151  | 151  | 164  | 160  | 164  | 162 | 157 | 155 | 152 | 166              |  |
| Средн<br>D | 152 | 151 | 189 | 208 | 219 | 302 | 303 | 301 | 243 | 53   | 112  | 111  | -31  | -115 | -179 | -197 | -80  | 9    | -10  | 35   | 121 | 113 | 128 | 142 | 95               |  |



Станция Чален

Арктический и Антарктический научно-исследовательский институт

М-34

Год 1982 месяц октябрьэлемент Z=53400 мТл

|         | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16   | 17   | 18  |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|-----|
| 1       | 149 | 156 | 164 | 168 | 168 | 168 | 168 | 184 | 180 | 133 | 28  | 51  | 47  | 28  | -85 | 55   | 98   | 20  |
| 2       | 199 | 191 | 199 | 187 | 184 | 211 | 215 | 176 | 106 | 168 | 129 | 141 | 137 | 176 | 51  | 90   | 109  | 121 |
| 3       | 152 | 160 | 160 | 160 | 160 | 168 | 172 | 191 | 191 | 176 | 149 | 121 | 106 | 28  | 35  | 74   | 113  | 129 |
| 4       | 149 | 152 | 152 | 156 | 152 | 160 | 187 | 219 | 207 | 160 | 133 | 145 | 149 | 145 | 113 | 55   | 129  | 156 |
| 5       | 156 | 156 | 160 | 160 | 184 | 191 | 199 | 207 | 172 | 152 | 152 | 145 | 137 | 133 | 137 | 137  | 137  | 129 |
| 6       | 156 | 160 | 168 | 168 | 168 | 207 | 277 | 293 | 219 | 168 | 164 | 51  | 71  | 67  | 12  | -39  | 82   | 129 |
| 7       | 160 | 176 | 215 | 199 | 203 | 106 | -46 | 4   | 43  | 102 | 137 | 172 | 265 | 145 | 121 | 254  | -50  | -54 |
| 8       | 168 | 156 | 156 | 168 | 223 | 184 | 172 | 164 | 164 | 129 | 145 | 156 | 145 | 137 | 43  | -50  | -39  | -50 |
| 9       | 152 | 152 | 149 | 149 | 149 | 145 | 145 | 145 | 145 | 152 | 156 | 152 | 141 | 129 | 121 | 106  | 117  | 129 |
| 10      | 137 | 141 | 145 | 145 | 141 | 137 | 137 | 137 | 137 | 145 | 156 | 141 | 106 | 141 | 133 | 121  | 121  | 129 |
| 11      | 133 | 133 | 137 | 145 | 145 | 145 | 184 | 195 | 184 | 172 | 156 | 145 | 137 | 125 | 94  | 106  | 113  | 102 |
| 12      | 129 | 133 | 137 | 137 | 133 | 137 | 145 | 156 | 160 | 164 | 71  | 55  | 129 | 133 | 125 | 113  | 90   | 106 |
| 13      | 117 | 125 | 137 | 164 | 176 | 176 | 180 | 168 | 152 | 176 | 168 | 137 | 90  | 94  | 149 | 74   | -171 | -78 |
| 14      | 195 | 184 | 203 | 176 | 160 | 195 | 129 | -50 | -74 | -58 | 90  | 168 | 191 | 117 | 141 | 12   | -54  | -85 |
| 15      | 145 | 145 | 149 | 149 | 149 | 141 | 141 | 149 | 152 | 184 | 180 | 187 | 164 | 149 | 117 | 133  | 133  | 133 |
| 16      | 133 | 133 | 137 | 137 | 133 | 133 | 137 | 145 | 152 | 176 | 172 | 168 | 152 | 113 | 109 | 24   | -15  | 4   |
| 17      | 129 | 141 | 152 | 191 | 172 | 160 | 137 | 156 | 168 | 149 | 145 | 129 | 82  | 94  | 106 | 117  | 121  | 121 |
| 18      | 133 | 141 | 149 | 152 | 168 | 164 | 149 | 187 | 172 | 164 | 133 | 71  | 51  | 43  | 168 | -105 | -175 | 90  |
| 19      | 145 | 145 | 149 | 145 | 145 | 145 | 156 | 172 | 152 | 149 | 121 | 109 | 109 | 98  | 90  | 74   | 94   | 86  |
| 20      | 156 | 160 | 168 | 184 | 180 | 180 | 195 | 191 | 145 | 113 | 172 | 129 | 35  | -50 | 59  | 98   | 125  | 137 |
| 21      | 145 | 141 | 145 | 145 | 145 | 141 | 149 | 152 | 160 | 156 | 149 | 133 | 129 | 117 | 113 | 109  | 90   | 74  |
| 22      | 129 | 133 | 133 | 137 | 141 | 141 | 137 | 137 | 141 | 145 | 141 | 133 | 125 | 125 | 121 | 102  | 121  | 121 |
| 23      | 133 | 133 | 133 | 129 | 129 | 129 | 133 | 137 | 145 | 145 | 137 | 129 | 117 | 98  | 98  | 63   | -4   | 4   |
| 24      | 129 | 129 | 129 | 129 | 129 | 129 | 133 | 133 | 133 | 137 | 141 | 133 | 129 | 125 | 125 | 102  | 71   | 67  |
| 25      | 121 | 125 | 129 | 133 | 137 | 191 | 215 | 246 | 215 | 184 | 164 | 152 | 137 | 246 | 51  | 47   | -43  | -74 |
| 26      | 152 | 168 | 164 | 160 | 219 | 168 | 35  | 184 | 168 | 152 | 145 | 129 | 28  | 121 | 121 | 117  | 137  | 113 |
| 27      | 145 | 149 | 149 | 145 | 145 | 152 | 152 | 180 | 207 | 227 | 215 | 164 | 145 | 125 | 94  | 16   | 55   | 74  |
| 28      | 149 | 149 | 145 | 141 | 137 | 137 | 145 | 149 | 160 | 164 | 149 | 47  | 78  | 67  | 94  | 113  | 125  | 129 |
| 29      | 129 | 129 | 129 | 133 | 145 | 145 | 117 | 113 | -43 | 51  | 149 | 98  | 172 | 285 | 129 | 133  | 90   | 55  |
| 30      | 168 | 172 | 168 | 172 | 168 | 172 | 180 | 211 | 215 | 82  | -43 | 4   | -43 | 35  | 106 | 51   | -62  | 35  |
| 31      | 149 | 156 | 152 | 149 | 149 | 191 | 180 | 149 | 145 | 141 | 137 | 133 | 125 | 121 | 113 | 94   | 90   | 98  |
| Средн   | 146 | 149 | 154 | 155 | 159 | 160 | 153 | 161 | 148 | 144 | 137 | 123 | 116 | 113 | 97  | 77   | 56   | 69  |
| Средн Q | 138 | 138 | 139 | 139 | 139 | 137 | 138 | 140 | 143 | 153 | 151 | 147 | 135 | 125 | 116 | 101  | 88   | 91  |
| Средн D | 150 | 154 | 167 | 164 | 167 | 163 | 112 | 77  | 45  | 82  | 136 | 142 | 169 | 152 | 131 | 113  | -19  | -13 |

| 19   | 20   | 21  | 22  | 23  | 24  | Средне<br>суточн |  |  |
|------|------|-----|-----|-----|-----|------------------|--|--|
| -82  | 24   | 121 | 129 | 168 | 199 | 102              |  |  |
| 90   | 94   | 113 | 133 | 141 | 145 | 146              |  |  |
| 137  | 133  | 133 | 133 | 137 | 137 | 136              |  |  |
| 152  | 141  | 137 | 145 | 149 | 149 | 150              |  |  |
| 121  | 137  | 141 | 137 | 141 | 145 | 153              |  |  |
| 90   | 28   | -15 | 0   | 82  | 145 | 119              |  |  |
| 102  | 141  | 149 | 152 | 152 | 156 | 125              |  |  |
| 0    | 71   | 121 | 145 | 149 | 149 | 117              |  |  |
| 133  | 133  | 133 | 133 | 133 | 133 | 139              |  |  |
| 129  | 129  | 129 | 125 | 117 | 121 | 133              |  |  |
| 113  | 117  | 117 | 121 | 121 | 121 | 136              |  |  |
| 106  | 102  | 51  | 55  | 55  | 102 | 114              |  |  |
| 43   | -50  | 4   | 43  | 145 | 184 | 100              |  |  |
| -113 | -74  | -19 | 71  | 113 | 129 | 73               |  |  |
| 121  | 109  | 102 | 113 | 121 | 129 | 141              |  |  |
| 71   | 98   | 98  | 109 | 109 | 117 | 114              |  |  |
| 113  | 106  | 78  | 74  | 59  | 106 | 125              |  |  |
| 129  | 121  | 117 | 125 | 141 | 145 | 110              |  |  |
| 59   | 63   | 94  | 102 | 121 | 137 | 119              |  |  |
| 133  | 133  | 133 | 133 | 133 | 137 | 132              |  |  |
| 86   | 98   | 109 | 109 | 106 | 125 | 126              |  |  |
| 125  | 129  | 129 | 133 | 133 | 133 | 131              |  |  |
| 59   | 94   | 113 | 121 | 125 | 125 | 109              |  |  |
| 74   | 71   | 90  | 98  | 102 | 113 | 115              |  |  |
| -35  | 51   | 109 | 145 | 145 | 149 | 122              |  |  |
| 106  | 129  | 137 | 137 | 137 | 141 | 136              |  |  |
| 78   | 90   | 106 | 121 | 137 | 145 | 134              |  |  |
| 129  | 125  | 117 | 117 | 121 | 121 | 125              |  |  |
| 98   | 141  | 141 | 141 | 149 | 160 | 125              |  |  |
| -66  | -39  | 74  | 113 | 133 | 137 | 89               |  |  |
| 43   | -105 | -7  | 59  | 106 | 129 | 112              |  |  |
| 76   | 82   | 99  | 112 | 125 | 138 | 123              |  |  |
|      |      |     |     |     |     |                  |  |  |
| 102  | 107  | 113 | 120 | 123 | 127 | 127              |  |  |
| 35   | -11  | 54  | 93  | 133 | 152 | 107              |  |  |

Станция Уэлен

Арктический и Антарктический научно-исследовательский институт

М-34

Год 1982 месяц ноябрьэлемент  $D = 14^{\circ}30'0'' + \dots$ 

|         | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 18   |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 10      | 8    | 11   | 12   | 15   | 14   | 15   | 16   | 16   | 10   | 9    | 12   | 11   | 16   | 47   | 34   | 20   | 36   | 20   |
| 20      | 13   | 13   | 13   | 15   | 15   | 15   | 23   | 18   | 17   | 22   | 19   | 23   | 23   | 37   | 19   | 60   | 27   | 23   |
| 3       | 9    | 13   | 14   | 13   | 14   | 8    | 9    | 11   | 13   | -2   | 18   | 26   | 22   | 19   | 20   | 18   | 17   | 17   |
| 40      | 17   | 16   | 15   | 16   | 17   | 17   | 16   | 14   | 5    | 5    | 18   | 20   | 22   | 23   | 13   | 15   | 22   | 23   |
| 5       | 15   | 14   | 15   | 15   | 15   | 16   | 16   | 15   | 17   | 17   | 18   | 19   | 23   | 16   | 8    | 16   | 20   | 22   |
| 6       | 16   | 15   | 14   | 14   | 14   | 12   | 11   | 13   | 23   | 18   | 16   | 20   | 20   | 22   | 19   | 14   | 12   | 20   |
| 70      | 15   | 15   | 15   | 14   | 15   | 16   | 15   | 15   | 15   | 17   | 17   | 19   | 20   | 20   | 20   | 19   | 20   | 20   |
| 8       | 17   | 17   | 16   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 17   | 18   | 20   | 22   | 22   | 22   | 25   | 24   |
| 90      | 15   | 15   | 15   | 16   | 15   | 15   | 17   | 17   | 16   | 15   | 17   | 18   | 18   | 18   | 18   | 18   | 19   | 19   |
| 10      | 17   | 14   | 14   | 15   | 15   | 15   | 16   | 16   | 15   | 18   | 20   | 18   | 5    | 9    | 21   | 25   | 20   | 19   |
| 11      | 13   | 11   | 9    | 11   | 14   | 14   | 12   | 15   | 17   | 19   | 11   | 13   | 22   | 8    | 26   | 34   | 20   | 20   |
| 12      | 9    | 11   | 11   | 14   | 15   | 13   | 17   | 18   | 16   | 16   | 30   | 18   | 11   | 13   | 16   | 20   | 19   | 18   |
| 13      | 14   | 8    | 6    | 11   | 15   | 16   | 17   | 16   | 15   | 30   | 20   | 21   | 19   | 18   | 17   | 13   | 21   | 20   |
| 14      | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 14   | 17   | 25   | 16   | 18   | 18   | 20   | 15   | 20   | 23   | 20   |
| 15      | 15   | 15   | 14   | 15   | 16   | 18   | 17   | 16   | 17   | 24   | 3    | 19   | 22   | 19   | 15   | 25   | 27   | 20   |
| 16      | 15   | 15   | 14   | 14   | 15   | 14   | 13   | 21   | 16   | 15   | 19   | 20   | 16   | 16   | 17   | 18   | 18   | 18   |
| 170     | 15   | 15   | 15   | 15   | 17   | 17   | 17   | 17   | 17   | 17   | 18   | 16   | 17   | 18   | 18   | 18   | 20   | 20   |
| 18      | 13   | 11   | 11   | 14   | 14   | 15   | 17   | 17   | 16   | 15   | 22   | 17   | 18   | 4    | 13   | 41   | 34   | 23   |
| 19      | 13   | 14   | 13   | 13   | 13   | 15   | 16   | 16   | 16   | 16   | 15   | 15   | 17   | 18   | 17   | 17   | 21   | 23   |
| 200     | 15   | 14   | 14   | 15   | 16   | 16   | 16   | 16   | 16   | 16   | 18   | 18   | 20   | 19   | 19   | 18   | 18   | 18   |
| 21      | 12   | 10   | 13   | 13   | 11   | 9    | 11   | 18   | 21   | 15   | 14   | 21   | 23   | 25   | 25   | 28   | 23   | 16   |
| 22      | 5    | 15   | 15   | 13   | 17   | 4    | 12   | 19   | 12   | 14   | 14   | 15   | 17   | 18   | 18   | 18   | 18   | 18   |
| 23      | 14   | 14   | 15   | 15   | 15   | 16   | 16   | 15   | 15   | 15   | 14   | 16   | 14   | 16   | 8    | 23   | 39   | 41   |
| 240     | 13   | 13   | 14   | 15   | 16   | 15   | 15   | 15   | 15   | 13   | 11   | -2   | -23  | 83   | 12   | 25   | 25   | 44   |
| 250     | 11   | 10   | 15   | 15   | 13   | 23   | 20   | 20   | 1    | 11   | 9    | 11   | 12   | 16   | 13   | 18   | 23   | 18   |
| 26      | 15   | 16   | 15   | 11   | 13   | 15   | 13   | 15   | 32   | 7    | 6    | 9    | 20   | 14   | 11   | -2   | 32   | 25   |
| 27      | 17   | 15   | 15   | 15   | 18   | 17   | 17   | 25   | 23   | 22   | 15   | 6    | -1   | -1   | 31   | 17   | 18   | 24   |
| 28      | 15   | 9    | 9    | 13   | 16   | 11   | 16   | 22   | 23   | 17   | 6    | 13   | 15   | 25   | 25   | 23   | 23   | 23   |
| 290     | 14   | 12   | 12   | 13   | 14   | 16   | 19   | 15   | 19   | 14   | 13   | -9   | 19   | 5    | 27   | 39   | 6    | 30   |
| 30      | 13   | 13   | 15   | 13   | 13   | 15   | 25   | 16   | 19   | 15   | 16   | 16   | 17   | 13   | 10   | 20   | 19   | 19   |
| 31      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| ср.дн   | 13,6 | 13,2 | 13,4 | 14,0 | 14,8 | 14,6 | 15,8 | 16,5 | 16,3 | 15,7 | 15,4 | 15,4 | 16,1 | 20,0 | 18,2 | 22,0 | 22,2 | 22,2 |
| ср.дн Q | 15,4 | 15,0 | 14,8 | 15,2 | 16,0 | 16,2 | 16,2 | 15,8 | 13,8 | 14,0 | 17,6 | 18,2 | 19,4 | 19,6 | 17,6 | 17,6 | 19,8 | 20,0 |
| ср.дн D | 11,8 | 11,8 | 13,2 | 14,6 | 14,4 | 16,8 | 18,6 | 16,8 | 12,4 | 13,8 | 12,8 | 6,8  | 9,4  | 37,6 | 21,0 | 32,4 | 23,4 | 27,0 |

| 19   | 20   | 21   | 22   | 23   | 24   | средне<br>суточн |
|------|------|------|------|------|------|------------------|
| 15   | 18   | 14   | 11   | 14   | 12   | 16,9             |
| 20   | 14   | 9    | 16   | 15   | 13   | 20,1             |
| 18   | 19   | 20   | 20   | 18   | 18   | 15,5             |
| 24   | 20   | 18   | 18   | 17   | 16   | 17,0             |
| 22   | 18   | 20   | 20   | 19   | 17   | 17,2             |
| 23   | 23   | 22   | 20   | 18   | 17   | 17,3             |
| 20   | 23   | 21   | 22   | 20   | 18   | 18,0             |
| 27   | 27   | 23   | 20   | 17   | 14   | 18,9             |
| 20   | 20   | 20   | 20   | 20   | 19   | 17,5             |
| 25   | 25   | 23   | 23   | 21   | 15   | 17,7             |
| 21   | 20   | 20   | 22   | 15   | 6    | 16,4             |
| 16   | 21   | 18   | 16   | 16   | 16   | 16,2             |
| 21   | 18   | 13   | 19   | 18   | 15   | 16,7             |
| 22   | 20   | 19   | 19   | 16   | 15   | 17,6             |
| 25   | 23   | 18   | 14   | 14   | 14   | 17,7             |
| 18   | 18   | 16   | 16   | 15   | 15   | 16,3             |
| 22   | 21   | 19   | 15   | 15   | 14   | 17,2             |
| 19   | 19   | 18   | 18   | 16   | 16   | 17,5             |
| 23   | 20   | 18   | 15   | 18   | 17   | 16,5             |
| 18   | 18   | 17   | 18   | 18   | 18   | 17,0             |
| 16   | 2    | -2   | 2    | 6    | 7    | 14,1             |
| 18   | 18   | 18   | 18   | 16   | 15   | 15,2             |
| 32   | 2    | -26  | -1   | 8    | 12   | 14,5             |
| 43   | 12   | 1    | 19   | 15   | 19   | 17,8             |
| 17   | 17   | 18   | 18   | 15   | 17   | 15,0             |
| 22   | 20   | 20   | 12   | 14   | 18   | 15,5             |
| 17   | 17   | 17   | 17   | 18   | 15   | 16,4             |
| 16   | 18   | 23   | 18   | 14   | 15   | 17,0             |
| 13   | -16  | 9    | 13   | 13   | 14   | 13,5             |
| 18   | 18   | 18   | 18   | 18   | 17   | 16,4             |
| 21,0 | 17,1 | 15,4 | 16,5 | 15,9 | 15,1 | 16,7             |
| 20,8 | 20,4 | 19,0 | 18,6 | 18,0 | 17,0 | 17,3             |
| 21,6 | 9,0  | 10,2 | 15,4 | 14,4 | 15,0 | 16,7             |



Станция Уэлен

Арктический и Антарктический научно-исследовательский институт

М-34

Год 1982 месяц ноябрьэлемент H=14000 м ТЛ

|         | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10   | 11   | 12   | 13   | 14    | 15   | 16    | 17   | 18   |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|-------|------|-------|------|------|
| 10      | 111 | 104 | 164 | 183 | 172 | 180 | 187 | 172 | 225 | 28   | 153  | 126  | -124 | -360  | -304 | -337  | -208 | -41  |
| 20      | 134 | 149 | 157 | 161 | 172 | 172 | 176 | 172 | 164 | 168  | 119  | -18  | -48  | -383  | -292 | -482  | -474 | -337 |
| 3       | 130 | 153 | 202 | 256 | 240 | 263 | 301 | 332 | 96  | -102 | 20   | 35   | -292 | -117  | 145  | 168   | 161  | 157  |
| 40      | 149 | 149 | 149 | 153 | 157 | 161 | 157 | 161 | 187 | 157  | 153  | 43   | -3   | -3    | -94  | 20    | 161  | 180  |
| 5       | 142 | 149 | 157 | 168 | 164 | 168 | 172 | 172 | 168 | 168  | 164  | 134  | 58   | 28    | -18  | 43    | 149  | 161  |
| 6       | 149 | 149 | 157 | 172 | 176 | 176 | 180 | 248 | 225 | 187  | 195  | 164  | 123  | 104   | 96   | 73    | 35   | 161  |
| 70      | 149 | 153 | 157 | 161 | 164 | 168 | 168 | 168 | 168 | 168  | 164  | 164  | 164  | 153   | 164  | 168   | 168  | 168  |
| 8       | 142 | 149 | 157 | 168 | 172 | 176 | 172 | 172 | 180 | 180  | 183  | 187  | 183  | 180   | 180  | 183   | 153  | 85   |
| 90      | 157 | 161 | 161 | 161 | 157 | 153 | 157 | 161 | 161 | 161  | 161  | 168  | 168  | 168   | 168  | 172   | 172  | 172  |
| 10      | 149 | 153 | 161 | 164 | 164 | 168 | 164 | 161 | 161 | 157  | 157  | 164  | 100  | 66    | 164  | 164   | 164  | 138  |
| 11      | 153 | 161 | 161 | 199 | 195 | 210 | 191 | 191 | 180 | 195  | 161  | 248  | 157  | 73    | 142  | 43    | 157  | 172  |
| 12      | 149 | 138 | 164 | 172 | 180 | 183 | 176 | 172 | 176 | 199  | 206  | 111  | -117 | 5     | 153  | 157   | 142  | 149  |
| 13      | 149 | 111 | 153 | 180 | 180 | 172 | 172 | 176 | 187 | 240  | 180  | 183  | 176  | 161   | 157  | 104   | 115  | 176  |
| 14      | 153 | 157 | 161 | 168 | 172 | 172 | 172 | 176 | 214 | 210  | 214  | 229  | 210  | 157   | 58   | 12    | 138  | 164  |
| 15      | 157 | 157 | 161 | 161 | 168 | 176 | 172 | 172 | 172 | 176  | 107  | 142  | 172  | 161   | 50   | 28    | -109 | 96   |
| 16      | 157 | 157 | 157 | 168 | 168 | 176 | 176 | 176 | 183 | 176  | 172  | 172  | 168  | 164   | 164  | 168   | 164  | 164  |
| 170     | 153 | 157 | 161 | 168 | 172 | 172 | 172 | 168 | 172 | 172  | 172  | 172  | 168  | 172   | 168  | 172   | 172  | 168  |
| 18      | 153 | 157 | 172 | 176 | 172 | 164 | 164 | 172 | 176 | 176  | 195  | 176  | 164  | -64   | -204 | 1     | 35   | 157  |
| 19      | 138 | 134 | 149 | 168 | 168 | 172 | 172 | 172 | 172 | 172  | 172  | 164  | 161  | 157   | 145  | 142   | 149  | 164  |
| 200     | 149 | 157 | 168 | 168 | 168 | 168 | 172 | 172 | 168 | 168  | 168  | 157  | 164  | 164   | 168  | 168   | 172  | 172  |
| 21      | 149 | 161 | 164 | 168 | 168 | 210 | 316 | 294 | 225 | 180  | 172  | 96   | -22  | -193  | 104  | 134   | 28   | 5    |
| 22      | 62  | 176 | 218 | 286 | 354 | 400 | 415 | 408 | 400 | 248  | 149  | 164  | 153  | 149   | 149  | 149   | 149  | 149  |
| 23      | 134 | 142 | 149 | 153 | 161 | 161 | 161 | 161 | 157 | 172  | 195  | 210  | 202  | 20    | -147 | -147  | -390 | 276  |
| 240     | 153 | 157 | 153 | 161 | 157 | 149 | 145 | 145 | 149 | 172  | 180  | -64  | -64  | -1105 | -907 | -1105 | -793 | -656 |
| 250     | 111 | 119 | 134 | 168 | 202 | 351 | 248 | 210 | 58  | 180  | -147 | -48  | -193 | -117  | -269 | -132  | -102 | -178 |
| 26      | 157 | 153 | 157 | 145 | 157 | 206 | 229 | 183 | 248 | 240  | 138  | 9    | 85   | 66    | -208 | -558  | -48  | 157  |
| 27      | 149 | 153 | 153 | 153 | 157 | 168 | 172 | 199 | 240 | 256  | 195  | 5    | -337 | -3    | -29  | -26   | 111  | 104  |
| 28      | 164 | 111 | 142 | 180 | 164 | 221 | 290 | 316 | 225 | 218  | -79  | -117 | 28   | 9     | -33  | -64   | 73   | -18  |
| 290     | 153 | 149 | 157 | 161 | 172 | 168 | 183 | 176 | 183 | 180  | 157  | -56  | 111  | -360  | -208 | -170  | -383 | -56  |
| 30      | 161 | 161 | 157 | 157 | 157 | 164 | 195 | 183 | 157 | 149  | 145  | 142  | 134  | 50    | 43   | 142   | 164  | 161  |
| 31      |     |     |     |     |     |     |     |     |     |      |      |      |      |       |      |       |      |      |
| ср.зн   | 144 | 148 | 160 | 174 | 178 | 192 | 198 | 198 | 186 | 172  | 144  | 109  | 42   | -17   | -10  | -20   | 14   | 61   |
| ср.зн Q | 151 | 155 | 159 | 162 | 164 | 164 | 165 | 166 | 171 | 165  | 164  | 141  | 132  | 131   | 115  | 140   | 169  | 172  |
| ср.зн D | 132 | 136 | 153 | 167 | 175 | 204 | 188 | 175 | 156 | 146  | 92   | -12  | -179 | -468  | -396 | -445  | -392 | -254 |

| 19   | 20   | 21   | 22  | 23  | 24  | средне<br>суточн |  |  |
|------|------|------|-----|-----|-----|------------------|--|--|
| 12   | 134  | 119  | 149 | 142 | 134 | 47               |  |  |
| 9    | 47   | 58   | 123 | 123 | 134 | 8                |  |  |
| 157  | 157  | 153  | 153 | 149 | 149 | 128              |  |  |
| 164  | 126  | 142  | 164 | 153 | 142 | 122              |  |  |
| 153  | 168  | 176  | 168 | 157 | 153 | 138              |  |  |
| 172  | 172  | 172  | 164 | 157 | 149 | 156              |  |  |
| 168  | 164  | 164  | 161 | 161 | 149 | 163              |  |  |
| 96   | 157  | 164  | 157 | 153 | 153 | 162              |  |  |
| 172  | 172  | 168  | 161 | 161 | 157 | 164              |  |  |
| 119  | 104  | 161  | 157 | 142 | 134 | 147              |  |  |
| 153  | 157  | 164  | 153 | 134 | 126 | 162              |  |  |
| 115  | 153  | 164  | 161 | 149 | 157 | 142              |  |  |
| 149  | 73   | 81   | 157 | 157 | 153 | 156              |  |  |
| 157  | 149  | 153  | 161 | 153 | 149 | 161              |  |  |
| 164  | 161  | 134  | 157 | 172 | 157 | 136              |  |  |
| 164  | 164  | 161  | 161 | 149 | 145 | 166              |  |  |
| 164  | 157  | 157  | 161 | 172 | 161 | 167              |  |  |
| 187  | 183  | 172  | 161 | 149 | 145 | 131              |  |  |
| 172  | 161  | 153  | 123 | 142 | 149 | 157              |  |  |
| 176  | 176  | 172  | 172 | 164 | 153 | 167              |  |  |
| 43   | -29  | -102 | -83 | -3  | 28  | 92               |  |  |
| 149  | 149  | 142  | 138 | 138 | 138 | 210              |  |  |
| -193 | -292 | -329 | 96  | 81  | 130 | 30               |  |  |
| -398 | -170 | 66   | 88  | 50  | 35  | -162             |  |  |
| -18  | 149  | 149  | 145 | 145 | 119 | 55               |  |  |
| 168  | 164  | 161  | 138 | 142 | 157 | 102              |  |  |
| 88   | 96   | 164  | 164 | 161 | 157 | 110              |  |  |
| -117 | 107  | 149  | 130 | 134 | 134 | 99               |  |  |
| -155 | -223 | 88   | 157 | 172 | 157 | 38               |  |  |
| 164  | 161  | 161  | 157 | 149 | 145 | 148              |  |  |
|      |      |      |     |     |     |                  |  |  |
| 85   | 102  | 121  | 142 | 140 | 139 | 117              |  |  |
|      |      |      |     |     |     |                  |  |  |
| 169  | 159  | 161  | 164 | 162 | 152 | 156              |  |  |
| -110 | -13  | 96   | 132 | 126 | 122 | -3               |  |  |



Станция ЧЭЛЕН

Арктический и Антарктический научно-исследовательский институт

М-34

Год 1982 месяца ноябрьэлемент  $Z = 53400 \text{ нТл}$ 

|           | 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        | 133 | 168 | 184 | 168 | 160 | 164 | 180 | 164 | 145 | 106 | 152 | 176 | 59  | 82   | -121 | 51   | 28   | -74 | -74 | 67  | 129 | 121 | 125 | 145 | 102              |  |  |
| 2D        | 152 | 160 | 168 | 164 | 160 | 164 | 187 | 160 | 160 | 145 | 35  | -58 | 51  | -15  | -136 | 230  | -19  | 90  | -11 | 8   | 74  | 82  | 129 | 176 | 75               |  |  |
| 3         | 156 | 164 | 180 | 207 | 199 | 230 | 246 | 191 | 28  | 28  | 152 | 145 | 199 | 43   | 82   | 145  | 152  | 152 | 152 | 152 | 149 | 149 | 145 | 149 | 150              |  |  |
| 4D        | 149 | 149 | 149 | 145 | 145 | 145 | 149 | 160 | 145 | 98  | 149 | 106 | 74  | 59   | 129  | 39   | 82   | 129 | 133 | 125 | 106 | 109 | 121 | 137 | 122              |  |  |
| 5         | 149 | 156 | 152 | 152 | 149 | 149 | 152 | 156 | 172 | 160 | 141 | 113 | 35  | 63   | 20   | 4    | 67   | 90  | 106 | 133 | 137 | 137 | 141 | 141 | 120              |  |  |
| 6         | 145 | 145 | 145 | 145 | 145 | 149 | 172 | 195 | 195 | 176 | 176 | 152 | 109 | 82   | 74   | 67   | 8    | 78  | 117 | 125 | 125 | 129 | 133 | 133 | 130              |  |  |
| 7D        | 137 | 137 | 137 | 137 | 137 | 137 | 141 | 145 | 145 | 145 | 141 | 129 | 117 | 102  | 86   | 102  | 121  | 125 | 129 | 129 | 129 | 129 | 129 | 133 | 129              |  |  |
| 8         | 133 | 133 | 133 | 133 | 133 | 133 | 133 | 133 | 137 | 145 | 149 | 156 | 137 | 121  | 113  | 113  | 98   | 55  | -19 | 32  | 86  | 109 | 121 | 125 | 114              |  |  |
| 9D        | 129 | 133 | 133 | 133 | 137 | 141 | 141 | 137 | 133 | 133 | 133 | 129 | 125 | 121  | 121  | 125  | 129  | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 131              |  |  |
| 10        | 133 | 133 | 133 | 129 | 129 | 133 | 133 | 137 | 137 | 137 | 121 | 129 | 98  | 43   | 102  | 98   | 106  | 98  | 82  | 59  | 82  | 102 | 109 | 117 | 112              |  |  |
| 11        | 125 | 137 | 145 | 168 | 164 | 145 | 156 | 164 | 164 | 160 | 117 | 90  | 67  | 32   | 71   | -11  | 78   | 133 | 133 | 133 | 125 | 129 | 129 | 125 | 120              |  |  |
| 12        | 129 | 137 | 149 | 145 | 145 | 145 | 137 | 137 | 141 | 152 | 121 | 98  | 74  | 55   | 82   | 106  | 113  | 109 | 90  | 90  | 121 | 117 | 125 | 137 | 119              |  |  |
| 13        | 141 | 149 | 160 | 172 | 160 | 145 | 141 | 137 | 149 | 137 | -11 | 109 | 133 | 125  | 117  | 74   | 67   | 106 | 106 | 74  | 59  | 86  | 109 | 117 | 115              |  |  |
| 14        | 125 | 129 | 129 | 129 | 129 | 129 | 129 | 141 | 184 | 199 | 168 | 121 | 121 | 113  | 86   | -7   | 51   | 113 | 121 | 121 | 121 | 117 | 121 | 125 | 121              |  |  |
| 15        | 133 | 133 | 133 | 129 | 129 | 129 | 129 | 129 | 129 | 125 | -4  | 32  | 102 | 109  | 28   | -31  | -74  | -4  | 74  | 102 | 94  | 102 | 102 | 113 | 85               |  |  |
| 16        | 129 | 137 | 137 | 137 | 137 | 137 | 152 | 160 | 141 | 133 | 133 | 121 | 125 | 125  | 125  | 121  | 121  | 121 | 121 | 121 | 121 | 121 | 129 | 129 | 131              |  |  |
| 17D       | 129 | 129 | 129 | 125 | 125 | 125 | 125 | 125 | 125 | 125 | 129 | 129 | 129 | 125  | 125  | 121  | 121  | 117 | 117 | 113 | 102 | 86  | 86  | 102 | 119              |  |  |
| 18        | 113 | 117 | 125 | 129 | 145 | 145 | 137 | 133 | 137 | 145 | 137 | 145 | 133 | 94   | 39   | -97  | -121 | -19 | 82  | 113 | 117 | 121 | 125 | 133 | 97               |  |  |
| 19        | 141 | 141 | 137 | 141 | 137 | 133 | 133 | 133 | 129 | 129 | 133 | 133 | 133 | 117  | 78   | 51   | 43   | 82  | 102 | 98  | 106 | 102 | 106 | 117 | 115              |  |  |
| 20D       | 121 | 125 | 125 | 125 | 125 | 121 | 121 | 121 | 121 | 121 | 125 | 129 | 113 | 106  | 109  | 117  | 121  | 121 | 121 | 117 | 113 | 113 | 117 | 121 | 120              |  |  |
| 21        | 125 | 125 | 129 | 129 | 137 | 187 | 258 | 281 | 238 | 184 | 152 | 67  | 43  | 35   | 35   | 78   | 63   | 20  | -43 | -43 | 32  | -27 | 55  | 121 | 99               |  |  |
| 22        | 164 | 172 | 145 | 137 | 82  | 28  | 8   | 82  | 168 | 184 | 125 | 133 | 145 | 141  | 137  | 133  | 129  | 129 | 129 | 129 | 133 | 137 | 137 | 137 | 127              |  |  |
| 23        | 137 | 137 | 141 | 141 | 137 | 137 | 133 | 133 | 133 | 133 | 145 | 164 | 164 | 191  | 149  | 59   | 84   | 90  | -35 | -11 | -19 | -19 | 39  | 102 | 107              |  |  |
| 24D       | 133 | 141 | 145 | 149 | 149 | 149 | 145 | 145 | 145 | 145 | 121 | 109 | 379 | 168  | 542  | 285  | 503  | 160 | 332 | 4   | 4   | 90  | 129 | 172 | 185              |  |  |
| 25D       | 191 | 156 | 172 | 187 | 203 | 125 | 160 | 129 | -74 | 12  | 67  | 102 | 82  | 59   | 168  | 59   | 20   | 35  | 35  | 90  | 121 | 137 | 152 | 156 | 106              |  |  |
| 26        | 160 | 160 | 160 | 176 | 187 | 187 | 195 | 184 | 203 | 203 | 113 | 86  | 98  | 63   | -19  | -39  | -66  | 51  | 117 | 137 | 145 | 152 | 137 | 141 | 122              |  |  |
| 27        | 152 | 156 | 156 | 160 | 176 | 172 | 176 | 207 | 234 | 230 | 191 | 43  | -74 | -128 | 8    | 59   | 90   | 98  | 98  | 102 | 109 | 129 | 133 | 149 | 118              |  |  |
| 28        | 160 | 187 | 187 | 172 | 160 | 184 | 234 | 215 | 191 | 172 | 28  | 90  | 67  | 12   | 47   | 113  | 113  | 98  | 24  | 47  | 90  | 117 | 145 | 152 | 125              |  |  |
| 29D       | 176 | 176 | 164 | 160 | 164 | 187 | 176 | 176 | 199 | 172 | 172 | 16  | 78  | 20   | -121 | -167 | -11  | -82 | 12  | -66 | 28  | 106 | 109 | 125 | 82               |  |  |
| 30        | 133 | 137 | 141 | 149 | 168 | 172 | 172 | 156 | 160 | 145 | 141 | 141 | 129 | 113  | 51   | 90   | 125  | 137 | 137 | 137 | 141 | 141 | 145 | 145 | 137              |  |  |
| 31        |     |     |     |     |     |     |     |     |     |     |     |     |     |      |      |      |      |     |     |     |     |     |     |     |                  |  |  |
| срзн      | 141 | 145 | 147 | 149 | 148 | 148 | 155 | 156 | 147 | 143 | 122 | 108 | 108 | 79   | 78   | 54   | 81   | 83  | 87  | 86  | 100 | 108 | 120 | 133 | 118              |  |  |
| срзн<br>Q | 133 | 135 | 135 | 133 | 134 | 134 | 135 | 138 | 134 | 124 | 135 | 124 | 112 | 103  | 114  | 101  | 115  | 124 | 126 | 123 | 116 | 113 | 116 | 124 | 124              |  |  |
| срзн<br>D | 157 | 160 | 167 | 166 | 167 | 158 | 170 | 155 | 115 | 116 | 109 | 69  | 130 | 63   | 66   | 0    | 104  | 26  | 59  | 21  | 71  | 107 | 129 | 155 | 110              |  |  |

Станция Чэлен

Арктический и Антарктический научно-исследовательский институт

Год 1982 месяц декабрьэлемент D = 14°30.0' + ...

|         | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 18   |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 10      | 15   | 15   | 15   | 15   | 16   | 16   | 16   | 16   | 19   | 17   | 17   | 16   | 17   | 16   | 17   | 17   | 18   | 17   |
| 20      | 18   | 16   | 15   | 15   | 16   | 16   | 17   | 17   | 17   | 17   | 17   | 17   | 22   | 21   | 23   | 19   | 18   | 20   |
| 3       | 15   | 15   | 15   | 15   | 16   | 16   | 15   | 16   | 16   | 17   | 17   | 17   | 16   | 18   | 26   | 35   | 27   | 26   |
| 4       | 11   | 11   | 9    | 10   | 13   | 14   | 17   | 16   | 16   | 15   | 15   | 15   | 16   | 18   | 20   | 22   | 21   | 20   |
| 5       | 12   | 12   | 11   | 9    | 12   | 8    | 13   | 14   | 15   | 15   | 15   | 14   | 15   | 15   | 14   | 16   | 18   | 20   |
| 60      | 13   | 13   | 13   | 14   | 15   | 15   | 16   | 17   | 17   | 15   | 15   | 15   | 15   | 18   | 18   | 18   | 18   | 19   |
| 7       | 15   | 14   | 15   | 15   | 15   | 15   | 16   | 16   | 17   | 15   | 17   | 15   | 18   | 1    | 41   | 50   | 30   | 36   |
| 8       | 11   | 13   | 11   | 14   | 14   | 15   | 15   | 11   | 13   | 1    | -33  | 16   | 10   | 24   | 19   | 43   | 23   | 34   |
| 9       | 15   | 15   | 15   | 15   | 16   | 13   | 13   | 17   | 20   | 20   | 13   | 14   | 8    | -45  | 6    | 34   | 24   | 23   |
| 100     | 15   | 15   | 15   | 15   | 15   | 13   | 19   | 23   | -1   | 12   | -5   | 4    | 5    | 13   | 19   | 21   | 30   | 32   |
| 11      | 12   | 13   | 14   | 14   | 14   | 15   | 15   | 15   | 14   | 14   | 15   | 15   | 15   | 15   | 15   | 11   | 16   | 28   |
| 12      | 13   | 15   | 14   | 15   | 14   | 13   | 15   | 15   | 19   | 16   | 15   | 11   | 23   | 18   | 17   | 18   | 17   | 14   |
| 130     | 15   | 14   | 14   | 14   | 15   | 15   | 16   | 16   | 15   | 15   | 13   | 18   | 17   | 17   | 18   | 17   | 19   | 20   |
| 14      | 16   | 15   | 15   | 14   | 15   | 15   | 16   | 17   | 18   | 17   | 17   | 16   | 18   | 16   | 19   | 18   | 18   | 18   |
| 15      | 16   | 13   | 13   | 13   | 14   | 15   | 14   | 11   | 11   | 11   | 19   | 15   | 16   | 17   | 18   | 18   | 20   | 20   |
| 16      | 17   | 16   | 15   | 16   | 17   | 17   | 18   | 18   | 13   | 18   | 21   | 25   | 27   | 37   | 20   | 6    | 36   | 20   |
| 170     | 11   | 11   | 10   | 13   | 5    | 12   | 12   | 15   | 19   | 15   | 9    | -10  | 16   | 19   | 18   | 12   | 17   | 17   |
| 180     | 16   | 13   | 13   | 14   | 17   | 18   | 16   | 18   | 5    | 41   | 6    | 5    | 5    | 14   | 15   | 23   | 13   | 25   |
| 19      | 14   | 15   | 17   | 19   | 19   | 18   | 15   | 20   | 15   | 11   | 9    | 25   | 18   | 12   | 20   | 19   | 19   | 20   |
| 200     | 16   | 19   | 17   | 18   | 15   | 13   | 18   | 15   | 18   | 18   | -10  | -10  | 8    | 44   | 12   | 32   | 19   | 36   |
| 21      | 15   | 15   | 14   | 15   | 17   | 14   | 21   | 20   | 30   | 6    | 12   | 4    | 8    | 9    | 33   | 37   | 48   | 19   |
| 220     | 14   | 15   | 14   | 26   | 12   | 18   | 15   | 19   | 19   | 19   | 20   | 18   | 17   | 20   | 7    | 41   | 27   | 26   |
| 23      | 14   | 14   | 14   | 15   | 16   | 15   | 15   | 29   | 27   | 22   | 12   | -15  | 23   | 48   | 47   | 50   | 12   | 23   |
| 24      | 11   | 12   | 14   | 18   | 18   | 17   | 16   | 14   | 15   | 19   | 18   | 14   | 9    | 34   | 6    | 25   | 37   | 16   |
| 25      | 15   | 16   | 17   | 16   | 18   | 15   | 15   | 16   | 20   | 15   | 17   | 18   | 19   | 2    | 12   | 26   | 28   | 18   |
| 26      | 17   | 16   | 14   | 18   | 16   | 14   | 15   | 15   | 15   | 16   | 17   | 18   | 19   | 18   | 30   | 23   | 22   | 23   |
| 27      | 15   | 15   | 15   | 16   | 15   | 15   | 16   | 17   | 14   | 15   | 16   | 11   | 19   | 22   | 17   | 16   | 18   | 19   |
| 28      | 16   | 18   | 17   | 13   | 15   | 13   | 14   | 16   | -9   | 5    | 15   | 10   | 23   | 19   | 29   | 12   | 19   | 21   |
| 29      | 11   | 12   | 15   | 15   | 13   | 14   | 14   | 15   | 18   | 20   | 19   | 11   | 11   | 14   | 18   | 23   | 22   | 19   |
| 30      | 12   | 13   | 12   | 14   | 17   | 15   | 13   | 15   | 12   | 15   | 15   | -2   | 18   | 18   | 15   | 14   | 22   | 25   |
| 310     | 11   | 11   | 13   | 14   | 14   | 14   | 15   | 16   | 16   | 18   | 15   | 16   | 17   | 16   | 18   | 18   | 18   | 18   |
| Средн   | 14,1 | 14,2 | 14,0 | 15,1 | 15,0 | 14,7 | 15,5 | 16,6 | 15,3 | 15,8 | 12,5 | 11,5 | 15,7 | 17,0 | 19,6 | 23,7 | 22,1 | 22,3 |
| Средн Q | 14,4 | 13,8 | 14,0 | 14,4 | 15,2 | 15,2 | 16,0 | 16,4 | 16,8 | 16,4 | 15,4 | 16,4 | 17,6 | 17,6 | 18,8 | 17,8 | 18,2 | 18,8 |
| Средн D | 14,4 | 14,6 | 13,8 | 17,2 | 12,8 | 14,8 | 16,0 | 18,0 | 12,0 | 21,0 | 6,0  | 1,4  | 10,2 | 22,0 | 14,2 | 25,8 | 21,2 | 27,2 |

| 19   | 20   | 21   | 22   | 23   | 24   | СРЕДНЕ СУТОЧН |  |  |
|------|------|------|------|------|------|---------------|--|--|
| 17   | 18   | 20   | 19   | 19   | 18   | 16,9          |  |  |
| 19   | 19   | 19   | 19   | 18   | 16   | 18,0          |  |  |
| 18   | 20   | 18   | 18   | 16   | 13   | 18,4          |  |  |
| 19   | 19   | 20   | 20   | 8    | 6    | 15,5          |  |  |
| 21   | 18   | 20   | 18   | 15   | 14   | 14,8          |  |  |
| 19   | 19   | 20   | 18   | 17   | 16   | 16,4          |  |  |
| 46   | 19   | 11   | 6    | 11   | 7    | 19,2          |  |  |
| 20   | 21   | 20   | 18   | 15   | 15   | 15,1          |  |  |
| 20   | 19   | 18   | 17   | 17   | 17   | 14,3          |  |  |
| 30   | 49   | 39   | 17   | 15   | 13   | 17,6          |  |  |
| 32   | 19   | 21   | 5    | 9    | 14   | 15,4          |  |  |
| 18   | 18   | 18   | 18   | 15   | 15   | 16,0          |  |  |
| 20   | 20   | 21   | 17   | 18   | 18   | 16,8          |  |  |
| 18   | 19   | 19   | 14   | 13   | 15   | 16,5          |  |  |
| 20   | 20   | 19   | 19   | 18   | 18   | 16,2          |  |  |
| 11   | 18   | 16   | 0    | 9    | 9    | 17,5          |  |  |
| 19   | 20   | 20   | 20   | 16   | 15   | 13,8          |  |  |
| 26   | 32   | 25   | 20   | 15   | 15   | 17,5          |  |  |
| 20   | 20   | 19   | 19   | 19   | 19   | 17,5          |  |  |
| 25   | 22   | 16   | 11   | 15   | 15   | 16,8          |  |  |
| -5   | 6    | 13   | 15   | 13   | 13   | 16,3          |  |  |
| 20   | 17   | 16   | 12   | 12   | 13   | 18,2          |  |  |
| 12   | 18   | 15   | 17   | 16   | 11   | 19,6          |  |  |
| 18   | 20   | 19   | 20   | 19   | 18   | 17,4          |  |  |
| 19   | 17   | 18   | 17   | 17   | 17   | 17,0          |  |  |
| 21   | 22   | 19   | 17   | 15   | 15   | 18,1          |  |  |
| 18   | 19   | 20   | 16   | 14   | 15   | 16,4          |  |  |
| 20   | 20   | 7    | 18   | 15   | 12   | 14,9          |  |  |
| 20   | 18   | 11   | 13   | 13   | 14   | 15,5          |  |  |
| 23   | 18   | 15   | 15   | 15   | 14   | 15,1          |  |  |
| 18   | 18   | 18   | 18   | 14   | 14   | 15,8          |  |  |
| 20,1 | 20,1 | 18,4 | 15,8 | 14,9 | 14,3 | 16,6          |  |  |
| 18,6 | 18,8 | 19,6 | 18,2 | 17,2 | 16,4 | 16,8          |  |  |
| 24,0 | 28,0 | 23,2 | 16,0 | 14,6 | 14,2 | 16,8          |  |  |

Станция Уэлен

Арктический и Антарктический научно-исследовательский институт

М-34

Год 1982месяц декабрьэлемент H = 1400 м + ...

|         | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 18   |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|
| 1Q      | 145 | 145 | 149 | 153 | 157 | 157 | 153 | 153 | 149 | 157 | 157  | 161  | 161  | 161  | 161  | 161  | 161  | 161  |
| 2Q      | 149 | 149 | 157 | 157 | 157 | 161 | 161 | 164 | 164 | 164 | 164  | 164  | 153  | 149  | 153  | 164  | 168  | 168  |
| 3       | 157 | 161 | 161 | 164 | 164 | 164 | 161 | 161 | 168 | 168 | 168  | 164  | 149  | -22  | -26  | 9    | 111  | 149  |
| 4       | 153 | 161 | 161 | 183 | 187 | 183 | 183 | 180 | 176 | 180 | 176  | 176  | 172  | 172  | 172  | 168  | 164  | 164  |
| 5       | 149 | 138 | 180 | 218 | 210 | 218 | 297 | 256 | 180 | 164 | 168  | 164  | 161  | 145  | 123  | 134  | 153  | 149  |
| 6Q      | 149 | 153 | 161 | 164 | 168 | 172 | 172 | 172 | 172 | 172 | 168  | 164  | 164  | 168  | 164  | 164  | 164  | 164  |
| 7       | 157 | 161 | 164 | 176 | 187 | 183 | 191 | 180 | 180 | 187 | 206  | 240  | 202  | -140 | -368 | -337 | -162 | -174 |
| 8       | 153 | 157 | 157 | 161 | 187 | 183 | 202 | 370 | 294 | 180 | -193 | -79  | -208 | -124 | -360 | -292 | -482 | -603 |
| 9       | 153 | 161 | 164 | 176 | 187 | 183 | 183 | 172 | 176 | 180 | 164  | 149  | 5    | -474 | -140 | 126  | 168  | 161  |
| 10Q     | 149 | 149 | 157 | 161 | 172 | 187 | 259 | 362 | 461 | 187 | 385  | 332  | 66   | 43   | 20   | -3   | -330 | -238 |
| 11      | 134 | 149 | 149 | 172 | 191 | 172 | 161 | 161 | 172 | 164 | 153  | 153  | 153  | 149  | 119  | -147 | -208 | -79  |
| 12      | 153 | 153 | 153 | 157 | 172 | 180 | 187 | 172 | 172 | 164 | 115  | -170 | 58   | 161  | 157  | 138  | 96   | 104  |
| 13Q     | 149 | 157 | 161 | 164 | 164 | 164 | 168 | 168 | 172 | 172 | 168  | 168  | 161  | 161  | 161  | 161  | 145  | 142  |
| 14      | 149 | 149 | 161 | 164 | 164 | 164 | 180 | 176 | 176 | 172 | 172  | 172  | 161  | 157  | 157  | 164  | 164  | 164  |
| 15      | 153 | 149 | 157 | 164 | 172 | 168 | 191 | 199 | 233 | 332 | 354  | 199  | 168  | 161  | 157  | 161  | 161  | 164  |
| 16      | 153 | 153 | 157 | 161 | 161 | 161 | 149 | 142 | 138 | 138 | 96   | -41  | -41  | -41  | -147 | -284 | -124 | -18  |
| 17Q     | 138 | 157 | 202 | 305 | 275 | 370 | 476 | 427 | 187 | 400 | 476  | -140 | -451 | -269 | -497 | -48  | 104  | 73   |
| 18Q     | 176 | 157 | 142 | 172 | 183 | 176 | 164 | 180 | 256 | 20  | 218  | 256  | 134  | 12   | -276 | -231 | -265 | 111  |
| 19      | 168 | 172 | 180 | 202 | 194 | 194 | 305 | 309 | 263 | 237 | 134  | -41  | -64  | -41  | 5    | 191  | 161  | 142  |
| 20Q     | 172 | 180 | 168 | 172 | 172 | 180 | 210 | 324 | 225 | 149 | -147 | -238 | -193 | -375 | -444 | -504 | -421 | -71  |
| 21      | 157 | 164 | 183 | 183 | 191 | 183 | 214 | 233 | 290 | 111 | 20   | -64  | -48  | -444 | -162 | -124 | -314 | -345 |
| 22Q     | 164 | 237 | 362 | 666 | 430 | 256 | 199 | 180 | 142 | 134 | 126  | 126  | 119  | 81   | 345  | -314 | 5    | 164  |
| 23      | 153 | 153 | 153 | 161 | 164 | 164 | 161 | 145 | 161 | 195 | 157  | -360 | -124 | -292 | -345 | -413 | -649 | -314 |
| 24      | 145 | 157 | 157 | 180 | 180 | 172 | 168 | 168 | 183 | 187 | 168  | -45  | -254 | -178 | -155 | 16   | 66   | 66   |
| 25      | 138 | 153 | 161 | 161 | 168 | 172 | 164 | 164 | 202 | 172 | 161  | 157  | 104  | -79  | -26  | 12   | 73   | 111  |
| 26      | 153 | 153 | 149 | 161 | 172 | 172 | 172 | 172 | 168 | 164 | 161  | 161  | 126  | -162 | 5    | 107  | 107  | 142  |
| 27      | 157 | 157 | 153 | 157 | 164 | 164 | 164 | 183 | 187 | 183 | 195  | 164  | 88   | 157  | 168  | 134  | 153  | 164  |
| 28      | 157 | 157 | 164 | 168 | 176 | 195 | 199 | 187 | 218 | 104 | 229  | 218  | 69   | -105 | -26  | -109 | 157  | 180  |
| 29      | 142 | 164 | 164 | 180 | 164 | 191 | 176 | 191 | 256 | 244 | 278  | 218  | 126  | 50   | -3   | 164  | 149  | 138  |
| 30      | 153 | 142 | 153 | 202 | 195 | 202 | 195 | 180 | 187 | 180 | 172  | 111  | 161  | 157  | 134  | 88   | 66   | 104  |
| 31Q     | 138 | 130 | 172 | 187 | 176 | 180 | 176 | 172 | 172 | 172 | 172  | 187  | 164  | 161  | 157  | 157  | 161  | 161  |
| ср.дн   | 151 | 157 | 168 | 192 | 187 | 186 | 198 | 206 | 202 | 178 | 166  | 91   | 53   | -16  | -42  | -12  | -3   | 45   |
| ср.дн Q | 146 | 147 | 160 | 165 | 164 | 167 | 166 | 166 | 166 | 167 | 166  | 169  | 161  | 160  | 159  | 161  | 160  | 159  |
| ср.дн D | 160 | 176 | 206 | 295 | 246 | 234 | 262 | 295 | 254 | 178 | 212  | 67   | -65  | -102 | -308 | -220 | -181 | 8    |

| 19   | 20   | 21  | 22  | 23  | 24  | средне<br>суточн |  |  |
|------|------|-----|-----|-----|-----|------------------|--|--|
| 161  | 161  | 164 | 161 | 157 | 153 | 157              |  |  |
| 168  | 168  | 168 | 164 | 157 | 157 | 160              |  |  |
| 168  | 172  | 164 | 157 | 153 | 149 | 137              |  |  |
| 157  | 164  | 164 | 161 | 107 | 111 | 166              |  |  |
| 145  | 142  | 145 | 149 | 145 | 149 | 169              |  |  |
| 164  | 164  | 164 | 161 | 157 | 153 | 164              |  |  |
| -216 | -162 | 50  | 92  | 111 | 134 | 52               |  |  |
| -390 | -238 | 35  | 172 | 157 | 157 | -17              |  |  |
| 164  | 164  | 161 | 153 | 153 | 149 | 118              |  |  |
| -200 | -174 | 58  | 149 | 164 | 145 | 111              |  |  |
| -155 | -3   | 66  | 28  | 119 | 145 | 88               |  |  |
| 153  | 164  | 164 | 157 | 149 | 145 | 136              |  |  |
| 153  | 164  | 157 | 149 | 153 | 153 | 160              |  |  |
| 161  | 161  | 161 | 119 | 126 | 142 | 160              |  |  |
| 164  | 168  | 164 | 164 | 161 | 161 | 184              |  |  |
| -48  | 50   | 100 | 69  | 107 | 111 | 54               |  |  |
| 85   | -79  | 66  | 164 | 172 | 172 | 115              |  |  |
| -45  | 88   | 164 | 164 | 164 | 164 | 95               |  |  |
| 153  | 153  | 153 | 157 | 161 | 164 | 152              |  |  |
| 58   | 81   | 77  | 161 | 157 | 145 | 10               |  |  |
| -147 | -132 | -3  | 149 | 168 | 149 | 26               |  |  |
| 172  | 164  | 164 | 149 | 149 | 142 | 153              |  |  |
| 58   | 164  | 176 | 164 | 161 | 134 | 5                |  |  |
| 149  | 164  | 164 | 172 | 161 | 153 | 98               |  |  |
| 187  | 176  | 176 | 168 | 161 | 157 | 133              |  |  |
| 157  | 172  | 172 | 164 | 161 | 157 | 136              |  |  |
| 164  | 161  | 157 | 134 | 126 | 149 | 158              |  |  |
| 157  | 107  | 58  | 153 | 153 | 142 | 130              |  |  |
| 145  | 130  | 111 | 142 | 145 | 142 | 159              |  |  |
| 123  | 134  | 172 | 168 | 161 | 153 | 154              |  |  |
| 161  | 161  | 164 | 161 | 153 | 157 | 165              |  |  |
| 75   | 94   | 131 | 148 | 149 | 148 | 119              |  |  |
| 161  | 164  | 163 | 159 | 155 | 155 | 161              |  |  |
| 14   | 16   | 106 | 157 | 161 | 154 | 97               |  |  |



Станция Уэден

Арктический и Антарктический научно-исследовательский институт

М-34

Год 1982месяц декабрьэлемент Z=53400 м.г.т.

|         | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10   | 11   | 12  | 13   | 14   | 15   | 16   | 17   | 18  |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|-----|------|------|------|------|------|-----|
| 10      | 141 | 141 | 141 | 141 | 141 | 141 | 141 | 141 | 145 | 141  | 137  | 133 | 129  | 129  | 125  | 129  | 133  | 133 |
| 20      | 141 | 141 | 141 | 137 | 137 | 137 | 137 | 137 | 137 | 133  | 133  | 133 | 125  | 86   | 86   | 125  | 129  | 129 |
| 3       | 133 | 137 | 137 | 133 | 133 | 133 | 137 | 137 | 137 | 133  | 133  | 133 | 121  | -4   | -11  | -50  | 12   | 63  |
| 4       | 129 | 129 | 137 | 145 | 145 | 145 | 137 | 137 | 137 | 137  | 141  | 141 | 137  | 129  | 121  | 121  | 121  | 121 |
| 5       | 133 | 152 | 156 | 164 | 156 | 168 | 176 | 191 | 172 | 156  | 152  | 149 | 149  | 137  | 106  | 106  | 117  | 125 |
| 60      | 129 | 133 | 137 | 137 | 137 | 137 | 137 | 137 | 137 | 137  | 137  | 137 | 137  | 137  | 129  | 129  | 129  | 129 |
| 7       | 129 | 129 | 129 | 129 | 129 | 129 | 133 | 137 | 129 | 133  | 149  | 164 | 137  | 207  | 145  | 238  | 254  | 121 |
| 8       | 145 | 152 | 156 | 152 | 160 | 168 | 168 | 160 | 149 | 82   | 71   | 176 | 160  | 246  | 223  | 187  | 223  | 98  |
| 9       | 149 | 156 | 156 | 164 | 180 | 180 | 176 | 187 | 176 | 156  | 145  | 145 | 125  | 35   | -12  | 28   | 94   | 121 |
| 100     | 137 | 137 | 141 | 137 | 137 | 141 | 199 | 184 | 94  | -4   | 24   | 28  | 184  | 152  | 176  | 223  | 324  | 238 |
| 11      | 125 | 129 | 137 | 152 | 156 | 141 | 137 | 137 | 141 | 145  | 141  | 137 | 137  | 133  | 125  | 117  | 71   | -46 |
| 12      | 113 | 133 | 141 | 141 | 145 | 156 | 156 | 152 | 149 | 141  | 121  | 20  | 32   | 117  | 125  | 117  | 78   | 98  |
| 130     | 133 | 137 | 141 | 141 | 137 | 133 | 133 | 133 | 141 | 145  | 152  | 156 | 145  | 141  | 133  | 125  | 117  | 109 |
| 14      | 133 | 137 | 137 | 137 | 133 | 133 | 141 | 141 | 137 | 129  | 129  | 133 | 133  | 121  | 117  | 125  | 129  | 129 |
| 15      | 141 | 137 | 137 | 137 | 129 | 137 | 149 | 164 | 195 | 203  | 203  | 180 | 152  | 137  | 133  | 129  | 125  | 125 |
| 16      | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 133 | 106  | 39   | -35 | -66  | -101 | -128 | -89  | -206 | -66 |
| 170     | 141 | 160 | 191 | 199 | 184 | 230 | 227 | 207 | 160 | -199 | 35   | 105 | 67   | 305  | 441  | 230  | 133  | 106 |
| 180     | 145 | 152 | 168 | 168 | 176 | 164 | 156 | 172 | 160 | -230 | -183 | -27 | 121  | 109  | -39  | 207  | 160  | 168 |
| 19      | 149 | 149 | 149 | 149 | 141 | 141 | 184 | 184 | 149 | 98   | 74   | 16  | 82   | 129  | 28   | 141  | 152  | 141 |
| 200     | 129 | 133 | 137 | 133 | 145 | 180 | 211 | 160 | 164 | 55   | 67   | 12  | -152 | 4    | 238  | 168  | 246  | 51  |
| 21      | 156 | 168 | 168 | 187 | 180 | 168 | 195 | 176 | 199 | 117  | 78   | -23 | -74  | -105 | -89  | -121 | -277 | -97 |
| 220     | 180 | 199 | 199 | 129 | 168 | 191 | 187 | 176 | 164 | 137  | 113  | 113 | 113  | 98   | 109  | -27  | -39  | 28  |
| 23      | 149 | 152 | 149 | 149 | 145 | 145 | 156 | 172 | 152 | 172  | 152  | 32  | -222 | -35  | 152  | 187  | 254  | 168 |
| 24      | 145 | 156 | 168 | 168 | 156 | 152 | 149 | 164 | 164 | 129  | 129  | 98  | 47   | -23  | -23  | 24   | 4    | 59  |
| 25      | 149 | 149 | 152 | 156 | 152 | 156 | 152 | 160 | 168 | 168  | 149  | 145 | 51   | -97  | -58  | -35  | 35   | 78  |
| 26      | 141 | 141 | 145 | 149 | 152 | 152 | 164 | 164 | 164 | 152  | 149  | 152 | 129  | 47   | 35   | 67   | 43   | 74  |
| 27      | 137 | 137 | 141 | 141 | 145 | 145 | 145 | 145 | 164 | 172  | 180  | 78  | 51   | 94   | 137  | 117  | 106  | 125 |
| 28      | 137 | 141 | 149 | 184 | 176 | 168 | 199 | 180 | 184 | 129  | 184  | 195 | 28   | -175 | -54  | 78   | 63   | 129 |
| 29      | 129 | 160 | 152 | 172 | 172 | 172 | 156 | 149 | 187 | 187  | 203  | 145 | 117  | 59   | 4    | 63   | 125  | 125 |
| 30      | 137 | 145 | 160 | 180 | 168 | 160 | 164 | 176 | 176 | 180  | 149  | 55  | 106  | 125  | 113  | 74   | 28   | 43  |
| 310     | 137 | 145 | 152 | 164 | 152 | 149 | 152 | 149 | 149 | 149  | 145  | 152 | 152  | 145  | 137  | 133  | 125  | 125 |
| Средн   | 139 | 145 | 149 | 152 | 151 | 154 | 161 | 159 | 145 | 113  | 117  | 96  | 82   | 80   | 84   | 99   | 97   | 95  |
| Средн Q | 136 | 139 | 142 | 144 | 141 | 139 | 140 | 139 | 142 | 141  | 141  | 142 | 138  | 128  | 122  | 128  | 127  | 125 |
| Средн D | 146 | 156 | 167 | 153 | 162 | 181 | 196 | 180 | 84  | -48  | 11   | 4   | 67   | 134  | 185  | 160  | 165  | 118 |

| 19   | 20   | 21   | 22  | 23  | 24  | средне<br>суточн |
|------|------|------|-----|-----|-----|------------------|
| 133  | 133  | 133  | 133 | 137 | 137 | 136              |
| 129  | 129  | 129  | 129 | 129 | 133 | 129              |
| 113  | 121  | 125  | 125 | 125 | 125 | 103              |
| 121  | 121  | 121  | 113 | 121 | 117 | 130              |
| 125  | 125  | 117  | 121 | 125 | 129 | 142              |
| 129  | 129  | 129  | 129 | 129 | 129 | 133              |
| -19  | -44  | -97  | 28  | 102 | 141 | 114              |
| -82  | 78   | 20   | 102 | 129 | 141 | 136              |
| 129  | 133  | 137  | 137 | 137 | 137 | 128              |
| 74   | -105 | -121 | 28  | 109 | 121 | 115              |
| -113 | -35  | 12   | 51  | 71  | 113 | 96               |
| 113  | 125  | 129  | 133 | 133 | 133 | 121              |
| 109  | 117  | 109  | 109 | 109 | 125 | 130              |
| 125  | 125  | 129  | 137 | 133 | 137 | 132              |
| 125  | 125  | 125  | 125 | 125 | 121 | 144              |
| -97  | -62  | 12   | 59  | 90  | 113 | 31               |
| 117  | 12   | -4   | 90  | 125 | 137 | 120              |
| 82   | 24   | 86   | 133 | 137 | 141 | 98               |
| 137  | 137  | 133  | 133 | 133 | 133 | 128              |
| -43  | 113  | 98   | 94  | 113 | 137 | 108              |
| -66  | 12   | 12   | 102 | 149 | 160 | 57               |
| 94   | 129  | 137  | 133 | 129 | 133 | 125              |
| 35   | 78   | 98   | 129 | 133 | 145 | 119              |
| 74   | 117  | 133  | 145 | 145 | 145 | 109              |
| 98   | 133  | 133  | 129 | 137 | 137 | 108              |
| 90   | 102  | 113  | 121 | 133 | 137 | 122              |
| 137  | 137  | 129  | 125 | 117 | 133 | 131              |
| 137  | 94   | 55   | 106 | 125 | 125 | 114              |
| 133  | 125  | 106  | 109 | 113 | 121 | 133              |
| 59   | 67   | 121  | 133 | 129 | 129 | 124              |
| 125  | 125  | 125  | 125 | 125 | 121 | 140              |
| 75   | 81   | 87   | 112 | 124 | 132 | 118              |
| 125  | 127  | 125  | 125 | 126 | 129 | 134              |
| 65   | 35   | 39   | 96  | 123 | 134 | 113              |