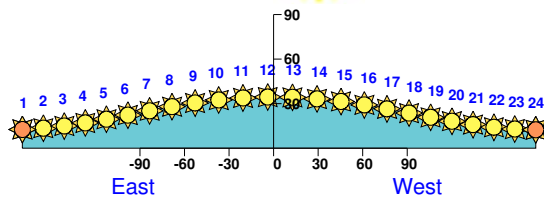


# Sun Calendar 2018

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www.scientidev.fr

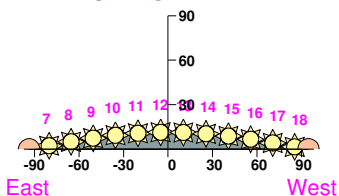
**Ny-Alesund**  
11.92°E, 78.92°N

**Summer**



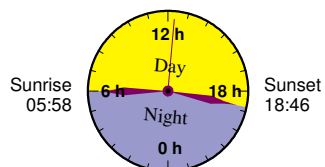
**June 21**

**Spring**



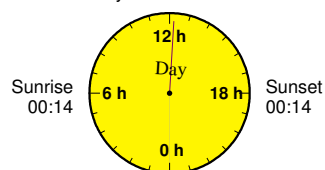
**March 21**

Day duration 12:48



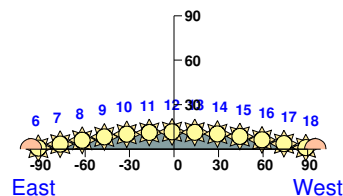
**Spring Equinox**

Day duration 24:00



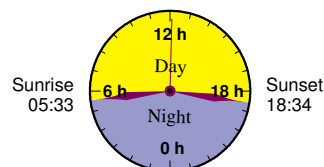
**Summer Solstice**

**Autumn**



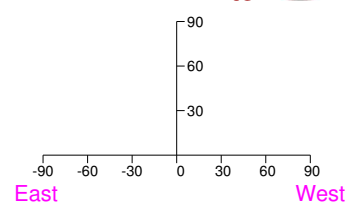
**Sept. 21**

Day duration 13:00



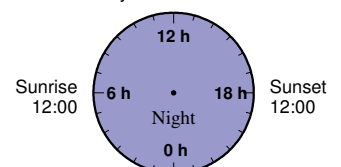
**Autumn Equinox**

**Winter**

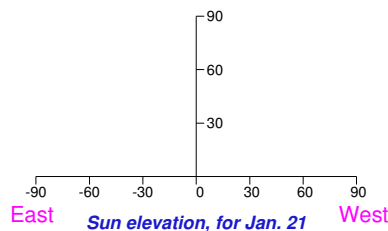


**Dec. 21**

Day duration 00:00

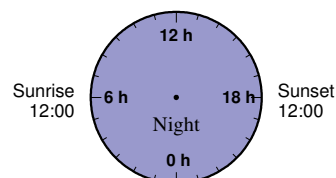


**Winter Solstice**



# January 2018

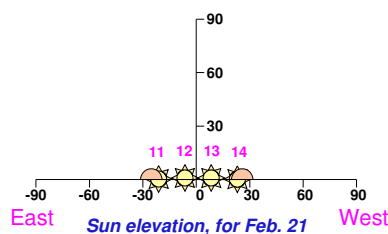
Ny-Alesund  
11.92°E, 78.92°N



Sunrise and Sunset at Ny-Alesund (TL  $\pm$  1 mn) and sun maximal elevation (°)

Duration of the day, for January 21

|   | Monday                            | Tuesday                           | Wednesday                         | Thursday                          | Friday                            | Saturday                          | Sunday                            |
|---|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|
| 1 | <b>1</b> 1 - 364<br>Polar Night   | <b>2</b> 2 - 363<br>Polar Night   | <b>3</b> 3 - 362<br>Polar Night   | <b>4</b> 4 - 361<br>Polar Night   | <b>5</b> 5 - 360<br>Polar Night   | <b>6</b> 6 - 359<br>Polar Night   | <b>7</b> 7 - 358<br>Polar Night   |
| 2 | <b>8</b> 8 - 357<br>Polar Night   | <b>9</b> 9 - 356<br>Polar Night   | <b>10</b> 10 - 355<br>Polar Night | <b>11</b> 11 - 354<br>Polar Night | <b>12</b> 12 - 353<br>Polar Night | <b>13</b> 13 - 352<br>Polar Night | <b>14</b> 14 - 351<br>Polar Night |
| 3 | <b>15</b> 15 - 350<br>Polar Night | <b>16</b> 16 - 349<br>Polar Night | <b>17</b> 17 - 348<br>Polar Night | <b>18</b> 18 - 347<br>Polar Night | <b>19</b> 19 - 346<br>Polar Night | <b>20</b> 20 - 345<br>Polar Night | <b>21</b> 21 - 344<br>Polar Night |
| 4 | <b>22</b> 22 - 343<br>Polar Night | <b>23</b> 23 - 342<br>Polar Night | <b>24</b> 24 - 341<br>Polar Night | <b>25</b> 25 - 340<br>Polar Night | <b>26</b> 26 - 339<br>Polar Night | <b>27</b> 27 - 338<br>Polar Night | <b>28</b> 28 - 337<br>Polar Night |
| 5 | <b>29</b> 29 - 336<br>Polar Night | <b>30</b> 30 - 335<br>Polar Night | <b>31</b> 31 - 334<br>Polar Night |                                   |                                   |                                   |                                   |



# February 2018

**Ny-Alesund**  
11.92°E, 78.92°N



Duration of the day, for February 21

Sunrise and Sunset at Ny-Alesund (TL  $\pm$  1 mn) and sun maximal elevation ( $^{\circ}$ )

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

5

6

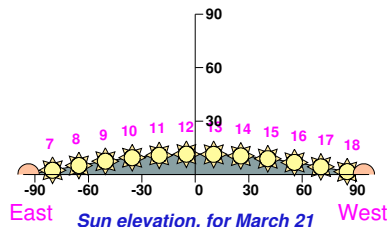
7

8

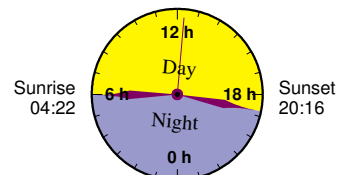
9

|                                            |                                            |                                            |                                            |                                       |                                            |                                            |
|--------------------------------------------|--------------------------------------------|--------------------------------------------|--------------------------------------------|---------------------------------------|--------------------------------------------|--------------------------------------------|
|                                            |                                            |                                            | <b>1</b> 32 - 333<br>Polar Night<br>       | <b>2</b> 33 - 332<br>Polar Night<br>  | <b>3</b> 34 - 331<br>Polar Night<br>       | <b>4</b> 35 - 330<br>Polar Night<br>       |
| <b>5</b> 36 - 329<br>Polar Night<br>       | <b>6</b> 37 - 328<br>Polar Night<br>       | <b>7</b> 38 - 327<br>Polar Night<br>       | <b>8</b> 39 - 326<br>Polar Night<br>       | <b>9</b> 40 - 325<br>Polar Night<br>  | <b>10</b> 41 - 324<br>Polar Night<br>      | <b>11</b> 42 - 323<br>Polar Night<br>      |
| <b>12</b> 43 - 322<br>Polar Night<br>      | <b>13</b> 44 - 321<br>Polar Night<br>      | <b>14</b> 45 - 320<br>Polar Night<br>      | <b>15</b> 46 - 319<br>Polar Night<br>      | <b>16</b> 47 - 318<br>Polar Night<br> | <b>17</b> 48 - 317<br>12:21 - 12:34 0°<br> | <b>18</b> 49 - 316<br>11:28 - 13:27 0°<br> |
| <b>19</b> 50 - 315<br>11:04 - 13:51 0°<br> | <b>20</b> 51 - 314<br>10:45 - 14:10 1°<br> | <b>21</b> 52 - 313<br>10:28 - 14:27 1°<br> | <b>22</b> 53 - 312<br>10:13 - 14:41 1°<br> | <b>23</b> 54 - 311<br>Polar Night<br> | <b>24</b> 55 - 310<br>09:47 - 15:07 2°<br> | <b>25</b> 56 - 309<br>09:36 - 15:18 2°<br> |
| <b>26</b> 57 - 308<br>09:24 - 15:29 3°<br> | <b>27</b> 58 - 307<br>09:13 - 15:40 3°<br> | <b>28</b> 59 - 306<br>09:03 - 15:50 3°<br> |                                            |                                       |                                            |                                            |

# March 2018



**Ny-Alesund**  
11.92°E, 78.92°N



*Duration of the day, for March 21*

Sunrise and Sunset at Ny-Alesund (TL  $\pm$  1 mn) and sun maximal elevation (°)

**Monday**

**Tuesday**

**Wednesday**

**Thursday**

**Friday**

**Saturday**

**Sunday**

**1** 60 - 305  
08:53 - 16:00 4°

**2** 61 - 304  
08:43 - 16:09 4°

**3** 62 - 303  
08:33 - 16:19 5°

**4** 63 - 302  
08:24 - 16:28 5°

**5** 64 - 301  
08:15 - 16:36 5°

**6** 65 - 300  
08:06 - 16:45 6°

**7** 66 - 299  
07:57 - 16:54 6°

**8** 67 - 298  
07:48 - 17:02 6°

**9** 68 - 297  
07:39 - 17:10 7°

**10** 69 - 296  
07:30 - 17:19 7°

**11** 70 - 295  
07:22 - 17:27 8°

**12** 71 - 294  
07:13 - 17:35 8°

**13** 72 - 293  
07:05 - 17:43 8°

**14** 73 - 292  
06:56 - 17:51 9°

**15** 74 - 291  
06:48 - 17:59 9°

**16** 75 - 290  
06:40 - 18:06 10°

**17** 76 - 289  
06:31 - 18:14 10°

**18** 77 - 288  
06:23 - 18:22 10°

**19** 78 - 287  
06:15 - 18:30 11°

**20** 79 - 286  
06:06 - 18:38 11°

**21** 80 - 285  
05:58 - 18:46 11°

**22** 81 - 284  
05:50 - 18:53 12°

**23** 82 - 283  
05:41 - 19:01 12°

**24** 83 - 282  
05:33 - 19:09 13°

**25** 84 - 281  
05:24 - 19:17 13°

**26** 85 - 280  
05:16 - 19:25 13°

**27** 86 - 279  
05:07 - 19:34 14°

**28** 87 - 278  
04:58 - 19:42 14°

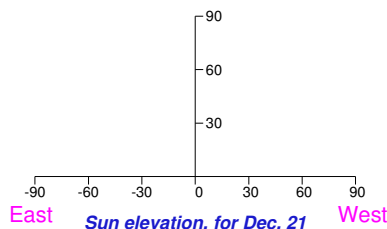
**29** 88 - 277  
04:50 - 19:50 15°

**30** 89 - 276  
04:41 - 19:59 15°

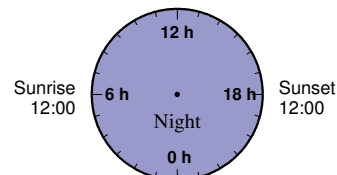
**31** 90 - 275  
04:32 - 20:07 15°

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# December 2018



**Ny-Alesund**  
11.92°E, 78.92°N



*Duration of the day, for December 21*

Sunrise and Sunset at Ny-Alesund (TL  $\pm$  1 mn) and sun maximal elevation (°)

**Monday**

**Tuesday**

**Wednesday**

**Thursday**

**Friday**

**Saturday**

**Sunday**

**1** 335 - 30  
Polar Night

**2** 336 - 29  
Polar Night

**3** 337 - 28  
Polar Night

**4** 338 - 27  
Polar Night

**5** 339 - 26  
Polar Night

**6** 340 - 25  
Polar Night

**7** 341 - 24  
Polar Night

**8** 342 - 23  
Polar Night

**9** 343 - 22  
Polar Night

**10** 344 - 21  
Polar Night

**11** 345 - 20  
Polar Night

**12** 346 - 19  
Polar Night

**13** 347 - 18  
Polar Night

**14** 348 - 17  
Polar Night

**15** 349 - 16  
Polar Night

**16** 350 - 15  
Polar Night

**17** 351 - 14  
Polar Night

**18** 352 - 13  
Polar Night

**19** 353 - 12  
Polar Night

**20** 354 - 11  
Polar Night

**21** 355 - 10  
Polar Night

**22** 356 - 9  
Polar Night

**23** 357 - 8  
Polar Night

**24** 358 - 7  
Polar Night

**25** 359 - 6  
Polar Night

**26** 360 - 5  
Polar Night

**27** 361 - 4  
Polar Night

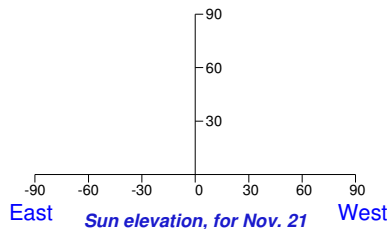
**28** 362 - 3  
Polar Night

**29** 363 - 2  
Polar Night

**30** 364 - 1  
Polar Night

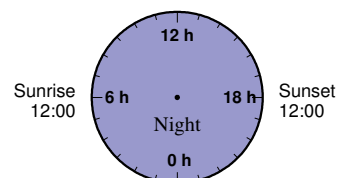
**31** 365 - 0  
Polar Night

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# November 2018

Ny-Alesund  
11.92°E, 78.92°N



Duration of the day, for November 21

Sunrise and Sunset at Ny-Alesund (TL  $\pm 1$  mn) and sun maximal elevation ( $^{\circ}$ )

Monday

Tuesday

Wednesday

Thursday

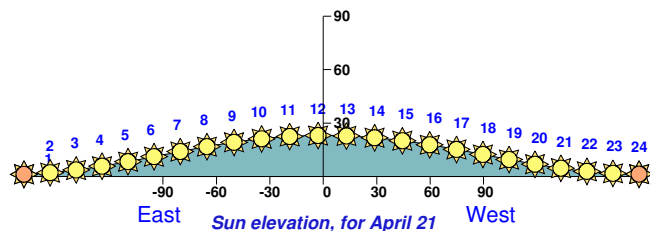
Friday

Saturday

Sunday

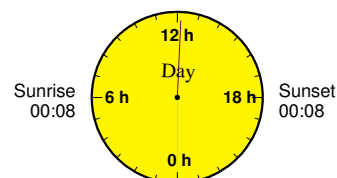
|                                      |                                      |                                      |                                      |                                      |                                      |                                      |
|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
|                                      |                                      |                                      | <b>1</b><br>305 - 60<br>Polar Night  | <b>2</b><br>306 - 59<br>Polar Night  | <b>3</b><br>307 - 58<br>Polar Night  | <b>4</b><br>308 - 57<br>Polar Night  |
|                                      |                                      |                                      |                                      |                                      |                                      |                                      |
| <b>5</b><br>309 - 56<br>Polar Night  | <b>6</b><br>310 - 55<br>Polar Night  | <b>7</b><br>311 - 54<br>Polar Night  | <b>8</b><br>312 - 53<br>Polar Night  | <b>9</b><br>313 - 52<br>Polar Night  | <b>10</b><br>314 - 51<br>Polar Night | <b>11</b><br>315 - 50<br>Polar Night |
|                                      |                                      |                                      |                                      |                                      |                                      |                                      |
| <b>12</b><br>316 - 49<br>Polar Night | <b>13</b><br>317 - 48<br>Polar Night | <b>14</b><br>318 - 47<br>Polar Night | <b>15</b><br>319 - 46<br>Polar Night | <b>16</b><br>320 - 45<br>Polar Night | <b>17</b><br>321 - 44<br>Polar Night | <b>18</b><br>322 - 43<br>Polar Night |
|                                      |                                      |                                      |                                      |                                      |                                      |                                      |
| <b>19</b><br>323 - 42<br>Polar Night | <b>20</b><br>324 - 41<br>Polar Night | <b>21</b><br>325 - 40<br>Polar Night | <b>22</b><br>326 - 39<br>Polar Night | <b>23</b><br>327 - 38<br>Polar Night | <b>24</b><br>328 - 37<br>Polar Night | <b>25</b><br>329 - 36<br>Polar Night |
|                                      |                                      |                                      |                                      |                                      |                                      |                                      |
| <b>26</b><br>330 - 35<br>Polar Night | <b>27</b><br>331 - 34<br>Polar Night | <b>28</b><br>332 - 33<br>Polar Night | <b>29</b><br>333 - 32<br>Polar Night | <b>30</b><br>334 - 31<br>Polar Night |                                      |                                      |
|                                      |                                      |                                      |                                      |                                      |                                      |                                      |

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# April 2018

Ny-Alesund  
11.92°E, 78.92°N



Duration of the day, for April 21

Sunrise and Sunset at Ny-Alesund (TL  $\pm 1$  mn) and sun maximal elevation ( $^{\circ}$ )

Monday

Tuesday

Wednesday

Thursday

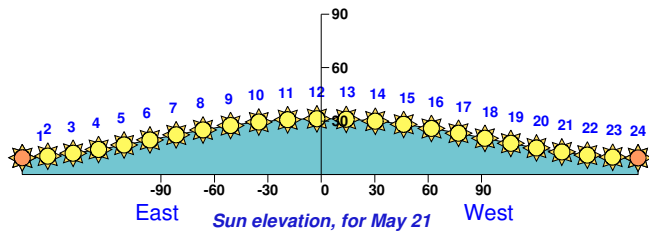
Friday

Saturday

Sunday

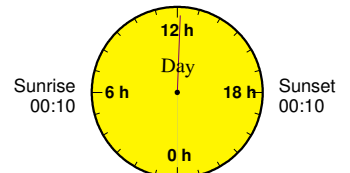
|                                           |                                             |                                             |                                             |                                             |                                             |                                             |
|-------------------------------------------|---------------------------------------------|---------------------------------------------|---------------------------------------------|---------------------------------------------|---------------------------------------------|---------------------------------------------|
|                                           |                                             |                                             |                                             |                                             |                                             | <b>1</b><br>91 - 274<br>04:22 - 20:16 16°   |
|                                           |                                             |                                             |                                             |                                             |                                             |                                             |
| <b>2</b><br>92 - 273<br>04:13 - 20:25 16° | <b>3</b><br>93 - 272<br>04:04 - 20:35 17°   | <b>4</b><br>94 - 271<br>03:54 - 20:44 17°   | <b>5</b><br>95 - 270<br>03:44 - 20:54 17°   | <b>6</b><br>96 - 269<br>03:33 - 21:04 18°   | <b>7</b><br>97 - 268<br>03:23 - 21:15 18°   | <b>8</b><br>98 - 267<br>03:12 - 21:26 18°   |
|                                           |                                             |                                             |                                             |                                             |                                             |                                             |
| <b>9</b><br>99 - 266<br>03:00 - 21:37 19° | <b>10</b><br>100 - 265<br>02:48 - 21:50 19° | <b>11</b><br>101 - 264<br>02:35 - 22:03 20° | <b>12</b><br>102 - 263<br>02:21 - 22:18 20° | <b>13</b><br>103 - 262<br>02:05 - 22:35 20° | <b>14</b><br>104 - 261<br>01:48 - 22:56 21° | <b>15</b><br>105 - 260<br>00:59 - 23:24 21° |
|                                           |                                             |                                             |                                             |                                             |                                             |                                             |
| <b>16</b><br>106 - 259<br>Day at anytime  | <b>17</b><br>107 - 258<br>Day at anytime    | <b>18</b><br>108 - 257<br>Day at anytime    | <b>19</b><br>109 - 256<br>Day at anytime    | <b>20</b><br>110 - 255<br>Day at anytime    | <b>21</b><br>111 - 254<br>Day at anytime    | <b>22</b><br>112 - 253<br>Day at anytime    |
|                                           |                                             |                                             |                                             |                                             |                                             |                                             |
| <b>23</b><br>113 - 252<br>Day at anytime  | <b>24</b><br>114 - 251<br>Day at anytime    | <b>25</b><br>115 - 250<br>Day at anytime    | <b>26</b><br>116 - 249<br>Day at anytime    | <b>27</b><br>117 - 248<br>Day at anytime    | <b>28</b><br>118 - 247<br>Day at anytime    | <b>29</b><br>119 - 246<br>Day at anytime    |
|                                           |                                             |                                             |                                             |                                             |                                             |                                             |
| <b>30</b><br>120 - 245<br>Day at anytime  |                                             |                                             |                                             |                                             |                                             |                                             |
|                                           |                                             |                                             |                                             |                                             |                                             |                                             |

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# May 2018

**Ny-Alesund**  
11.92°E, 78.92°N

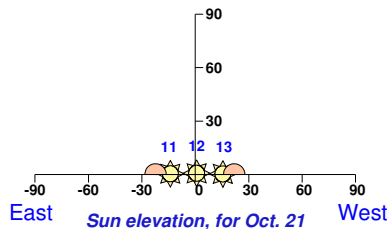


Duration of the day, for May 21

Sunrise and Sunset at Ny-Alesund (TL  $\pm 1$  mn) and sun maximal elevation ( $^{\circ}$ )

|    | Monday                                | Tuesday                               | Wednesday                             | Thursday                              | Friday                                | Saturday                              | Sunday                                |
|----|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
| 18 |                                       | <b>1</b> 121 - 244<br>Day at anytime  | <b>2</b> 122 - 243<br>Day at anytime  | <b>3</b> 123 - 242<br>Day at anytime  | <b>4</b> 124 - 241<br>Day at anytime  | <b>5</b> 125 - 240<br>Day at anytime  | <b>6</b> 126 - 239<br>Day at anytime  |
| 19 | <b>7</b> 127 - 238<br>Day at anytime  | <b>8</b> 128 - 237<br>Day at anytime  | <b>9</b> 129 - 236<br>Day at anytime  | <b>10</b> 130 - 235<br>Day at anytime | <b>11</b> 131 - 234<br>Day at anytime | <b>12</b> 132 - 233<br>Day at anytime | <b>13</b> 133 - 232<br>Day at anytime |
| 20 | <b>14</b> 134 - 231<br>Day at anytime | <b>15</b> 135 - 230<br>Day at anytime | <b>16</b> 136 - 229<br>Day at anytime | <b>17</b> 137 - 228<br>Day at anytime | <b>18</b> 138 - 227<br>Day at anytime | <b>19</b> 139 - 226<br>Day at anytime | <b>20</b> 140 - 225<br>Day at anytime |
| 21 | <b>21</b> 141 - 224<br>Day at anytime | <b>22</b> 142 - 223<br>Day at anytime | <b>23</b> 143 - 222<br>Day at anytime | <b>24</b> 144 - 221<br>Day at anytime | <b>25</b> 145 - 220<br>Day at anytime | <b>26</b> 146 - 219<br>Day at anytime | <b>27</b> 147 - 218<br>Day at anytime |
| 22 | <b>28</b> 148 - 217<br>Day at anytime | <b>29</b> 149 - 216<br>Day at anytime | <b>30</b> 150 - 215<br>Day at anytime | <b>31</b> 151 - 214<br>Day at anytime |                                       |                                       |                                       |

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# October 2018

**Ny-Alesund**  
11.92°E, 78.92°N



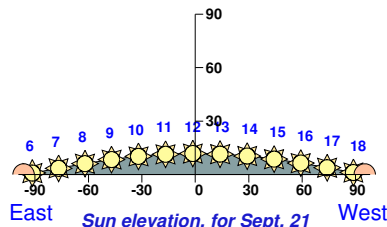
Duration of the day, for October 21

Sunrise and Sunset at Ny-Alesund (TL  $\pm 1$  mn) and sun maximal elevation ( $^{\circ}$ )

|    | Monday                                 | Tuesday                                | Wednesday                              | Thursday                               | Friday                                 | Saturday                               | Sunday                                 |
|----|----------------------------------------|----------------------------------------|----------------------------------------|----------------------------------------|----------------------------------------|----------------------------------------|----------------------------------------|
| 40 | <b>1</b> 274 - 91<br>06:50 - 17:11 8°  | <b>2</b> 275 - 90<br>06:58 - 17:02 8°  | <b>3</b> 276 - 89<br>07:06 - 16:54 7°  | <b>4</b> 277 - 88<br>07:14 - 16:45 7°  | <b>5</b> 278 - 87<br>07:22 - 16:36 6°  | <b>6</b> 279 - 86<br>07:30 - 16:28 6°  | <b>7</b> 280 - 85<br>07:39 - 16:19 6°  |
| 41 | <b>8</b> 281 - 84<br>07:47 - 16:10 5°  | <b>9</b> 282 - 83<br>07:56 - 16:01 5°  | <b>10</b> 283 - 82<br>08:05 - 15:51 5° | <b>11</b> 284 - 81<br>08:14 - 15:42 4° | <b>12</b> 285 - 80<br>08:23 - 15:32 4° | <b>13</b> 286 - 79<br>08:33 - 15:22 3° | <b>14</b> 287 - 78<br>08:43 - 15:12 3° |
| 42 | <b>15</b> 288 - 77<br>08:53 - 15:01 3° | <b>16</b> 289 - 76<br>09:04 - 14:50 2° | <b>17</b> 290 - 75<br>09:15 - 14:38 2° | <b>18</b> 291 - 74<br>09:27 - 14:26 2° | <b>19</b> 292 - 73<br>09:40 - 14:13 1° | <b>20</b> 293 - 72<br>09:54 - 13:58 1° | <b>21</b> 294 - 71<br>10:09 - 13:43 1° |
| 43 | <b>22</b> 295 - 70<br>10:27 - 13:24 1° | <b>23</b> 296 - 69<br>10:49 - 13:02 0° | <b>24</b> 297 - 68<br>Polar Night      | <b>25</b> 298 - 67<br>Polar Night      | <b>26</b> 299 - 66<br>Polar Night      | <b>27</b> 300 - 65<br>Polar Night      | <b>28</b> 301 - 64<br>Polar Night      |
| 44 | <b>29</b> 302 - 63<br>Polar Night      | <b>30</b> 303 - 62<br>Polar Night      | <b>31</b> 304 - 61<br>Polar Night      |                                        |                                        |                                        |                                        |

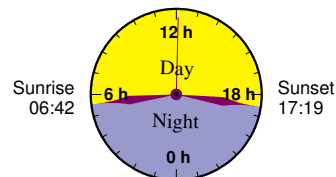
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# September 2018



Ny-Alesund

11.92°E, 78.92°N



Duration of the day, for September 21

Sunrise and Sunset at Ny-Alesund (TL  $\pm$  1 mn) and sun maximal elevation (°)

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

35

36

37

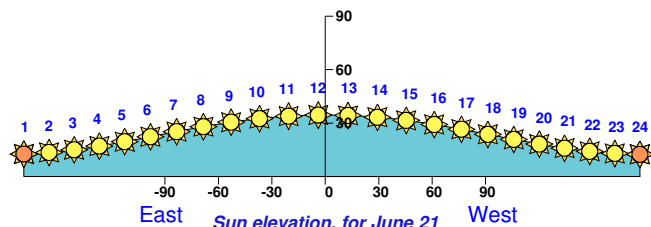
38

39

|                                          |                                          |
|------------------------------------------|------------------------------------------|
| <b>1</b> 244 - 121<br>02:30 - 21:45 19°  | <b>2</b> 245 - 120<br>02:43 - 21:32 19°  |
| <b>3</b> 246 - 119<br>02:54 - 21:20 19°  | <b>4</b> 247 - 118<br>03:06 - 21:09 18°  |
| <b>5</b> 248 - 117<br>03:16 - 20:58 18°  | <b>6</b> 249 - 116<br>03:26 - 20:48 17°  |
| <b>7</b> 250 - 115<br>03:36 - 20:38 17°  | <b>8</b> 251 - 114<br>03:46 - 20:28 17°  |
| <b>9</b> 252 - 113<br>03:55 - 20:18 16°  | <b>10</b> 253 - 112<br>04:04 - 20:09 16° |
| <b>11</b> 254 - 111<br>04:13 - 20:00 16° | <b>12</b> 255 - 110<br>04:21 - 19:51 15° |
| <b>13</b> 256 - 109<br>04:30 - 19:42 15° | <b>14</b> 257 - 108<br>04:38 - 19:33 14° |
| <b>15</b> 258 - 107<br>04:46 - 19:24 14° | <b>16</b> 259 - 106<br>04:54 - 19:16 14° |
| <b>17</b> 260 - 105<br>05:02 - 19:07 13° | <b>18</b> 261 - 104<br>05:10 - 18:59 13° |
| <b>19</b> 262 - 103<br>05:18 - 18:50 13° | <b>20</b> 263 - 102<br>05:26 - 18:42 12° |
| <b>21</b> 264 - 101<br>05:33 - 18:34 12° | <b>22</b> 265 - 100<br>05:41 - 18:25 11° |
| <b>23</b> 266 - 99<br>05:49 - 18:17 11°  | <b>24</b> 267 - 98<br>05:56 - 18:09 11°  |
| <b>25</b> 268 - 97<br>06:04 - 18:00 10°  | <b>26</b> 269 - 96<br>06:12 - 17:52 10°  |
| <b>27</b> 270 - 95<br>06:19 - 17:44 9°   | <b>28</b> 271 - 94<br>06:27 - 17:36 9°   |
| <b>29</b> 272 - 93<br>06:35 - 17:27 9°   | <b>30</b> 273 - 92<br>06:42 - 17:19 8°   |

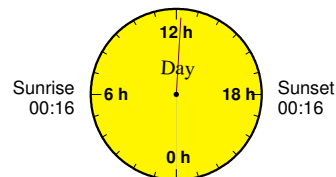
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# June 2018



Ny-Alesund

11.92°E, 78.92°N



Duration of the day, for June 21

Sunrise and Sunset at Ny-Alesund (TL  $\pm$  1 mn) and sun maximal elevation (°)

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

22

23

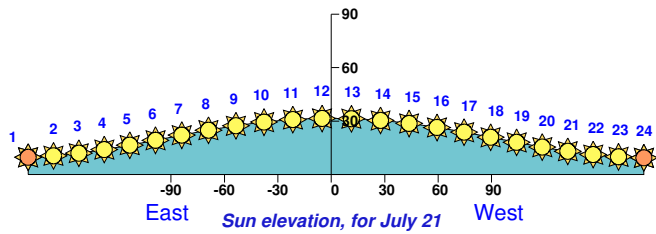
24

25

26

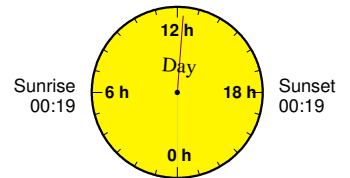
|                                       |                                       |                                       |
|---------------------------------------|---------------------------------------|---------------------------------------|
| <b>1</b> 152 - 213<br>Day at anytime  | <b>2</b> 153 - 212<br>Day at anytime  | <b>3</b> 154 - 211<br>Day at anytime  |
| <b>4</b> 155 - 210<br>Day at anytime  | <b>5</b> 156 - 209<br>Day at anytime  | <b>6</b> 157 - 208<br>Day at anytime  |
| <b>7</b> 158 - 207<br>Day at anytime  | <b>8</b> 159 - 206<br>Day at anytime  | <b>9</b> 160 - 205<br>Day at anytime  |
| <b>10</b> 161 - 204<br>Day at anytime | <b>11</b> 162 - 203<br>Day at anytime | <b>12</b> 163 - 202<br>Day at anytime |
| <b>13</b> 164 - 201<br>Day at anytime | <b>14</b> 165 - 200<br>Day at anytime | <b>15</b> 166 - 199<br>Day at anytime |
| <b>16</b> 167 - 198<br>Day at anytime | <b>17</b> 168 - 197<br>Day at anytime | <b>18</b> 169 - 196<br>Day at anytime |
| <b>19</b> 170 - 195<br>Day at anytime | <b>20</b> 171 - 194<br>Day at anytime | <b>21</b> 172 - 193<br>Day at anytime |
| <b>22</b> 173 - 192<br>Day at anytime | <b>23</b> 174 - 191<br>Day at anytime | <b>24</b> 175 - 190<br>Day at anytime |
| <b>25</b> 176 - 189<br>Day at anytime | <b>26</b> 177 - 188<br>Day at anytime | <b>27</b> 178 - 187<br>Day at anytime |
| <b>28</b> 179 - 186<br>Day at anytime | <b>29</b> 180 - 185<br>Day at anytime | <b>30</b> 181 - 184<br>Day at anytime |

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# July 2018

Ny-Alesund  
11.92°E, 78.92°N



Duration of the day, for July 21

Sunrise and Sunset at Ny-Alesund (TL  $\pm$  1 mn) and sun maximal elevation ( $^{\circ}$ )

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

26

27

28

29

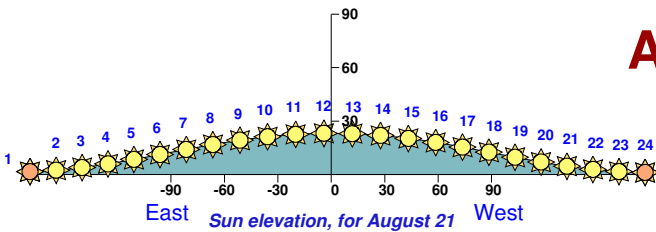
30

31

1 182 - 183  
Day at anytime

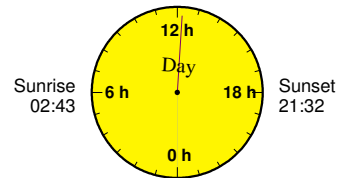
|                                |                                |                                |                                |                                |                                |                                |
|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| 2 183 - 182<br>Day at anytime  | 3 184 - 181<br>Day at anytime  | 4 185 - 180<br>Day at anytime  | 5 186 - 179<br>Day at anytime  | 6 187 - 178<br>Day at anytime  | 7 188 - 177<br>Day at anytime  | 8 189 - 176<br>Day at anytime  |
| 9 190 - 175<br>Day at anytime  | 10 191 - 174<br>Day at anytime | 11 192 - 173<br>Day at anytime | 12 193 - 172<br>Day at anytime | 13 194 - 171<br>Day at anytime | 14 195 - 170<br>Day at anytime | 15 196 - 169<br>Day at anytime |
| 16 197 - 168<br>Day at anytime | 17 198 - 167<br>Day at anytime | 18 199 - 166<br>Day at anytime | 19 200 - 165<br>Day at anytime | 20 201 - 164<br>Day at anytime | 21 202 - 163<br>Day at anytime | 22 203 - 162<br>Day at anytime |
| 23 204 - 161<br>Day at anytime | 24 205 - 160<br>Day at anytime | 25 206 - 159<br>Day at anytime | 26 207 - 158<br>Day at anytime | 27 208 - 157<br>Day at anytime | 28 209 - 156<br>Day at anytime | 29 210 - 155<br>Day at anytime |
| 30 211 - 154<br>Day at anytime | 31 212 - 153<br>Day at anytime |                                |                                |                                |                                |                                |

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# August 2018

Ny-Alesund  
11.92°E, 78.92°N



Duration of the day, for August 21

Sunrise and Sunset at Ny-Alesund (TL  $\pm$  1 mn) and sun maximal elevation ( $^{\circ}$ )

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

31

32

33

34

35

|                                   |                                   |                                   |                                   |                                   |                                |                                   |
|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------------|-----------------------------------|
|                                   |                                   | 1 213 - 152<br>Day at anytime     | 2 214 - 151<br>Day at anytime     | 3 215 - 150<br>Day at anytime     | 4 216 - 149<br>Day at anytime  | 5 217 - 148<br>Day at anytime     |
| 6 218 - 147<br>Day at anytime     | 7 219 - 146<br>Day at anytime     | 8 220 - 145<br>Day at anytime     | 9 221 - 144<br>Day at anytime     | 10 222 - 143<br>Day at anytime    | 11 223 - 142<br>Day at anytime | 12 224 - 141<br>Day at anytime    |
| 13 225 - 140<br>Day at anytime    | 14 226 - 139<br>Day at anytime    | 15 227 - 138<br>Day at anytime    | 16 228 - 137<br>Day at anytime    | 17 229 - 136<br>Day at anytime    | 18 230 - 135<br>Day at anytime | 19 231 - 134<br>Day at anytime    |
| 20 232 - 133<br>Day at anytime    | 21 233 - 132<br>Day at anytime    | 22 234 - 131<br>Day at anytime    | 23 235 - 130<br>Day at anytime    | 24 236 - 129<br>Day at anytime    | 25 237 - 128<br>Day at anytime | 26 238 - 127<br>00:44 - 23:47 21° |
| 27 239 - 126<br>01:00 - 23:10 21° | 28 240 - 125<br>01:20 - 22:47 21° | 29 241 - 124<br>01:43 - 22:28 20° | 30 242 - 123<br>02:01 - 22:12 20° | 31 243 - 122<br>02:16 - 21:58 20° |                                |                                   |

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