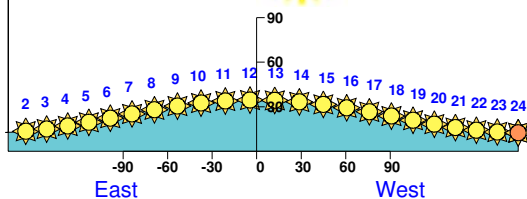


Sun Calendar 2022

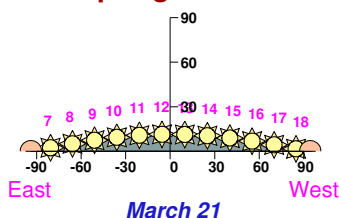
Produced by *ScientiDev*
www.scientidev.fr

Ny-Alesund
11.92°E, 78.92°N

Summer

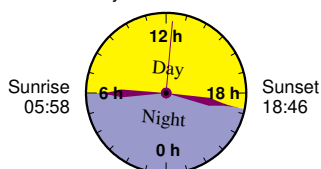


Spring



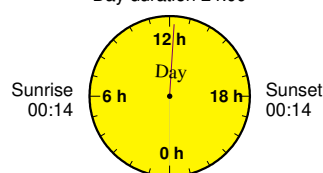
March 21

Day duration 12:48



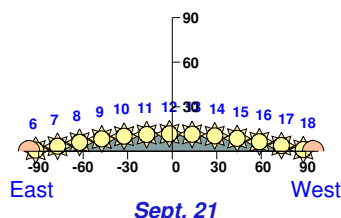
Spring Equinox

Day duration 24:00



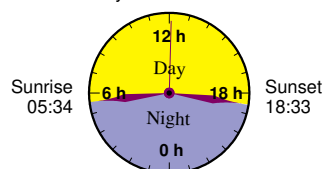
Summer Solstice

Autumn



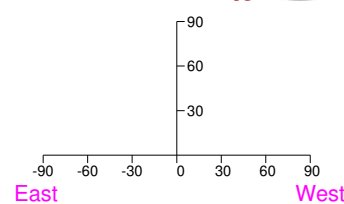
Sept. 21

Day duration 13:00



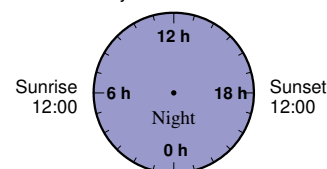
Autumn Equinox

Winter

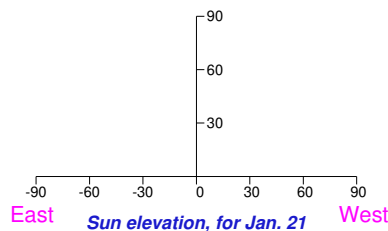


Dec. 21

Day duration 00:00

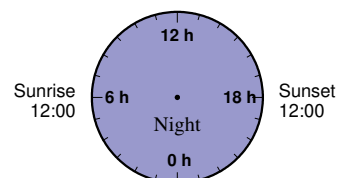


Winter Solstice



January 2022

Ny-Alesund
11.92°E, 78.92°N



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

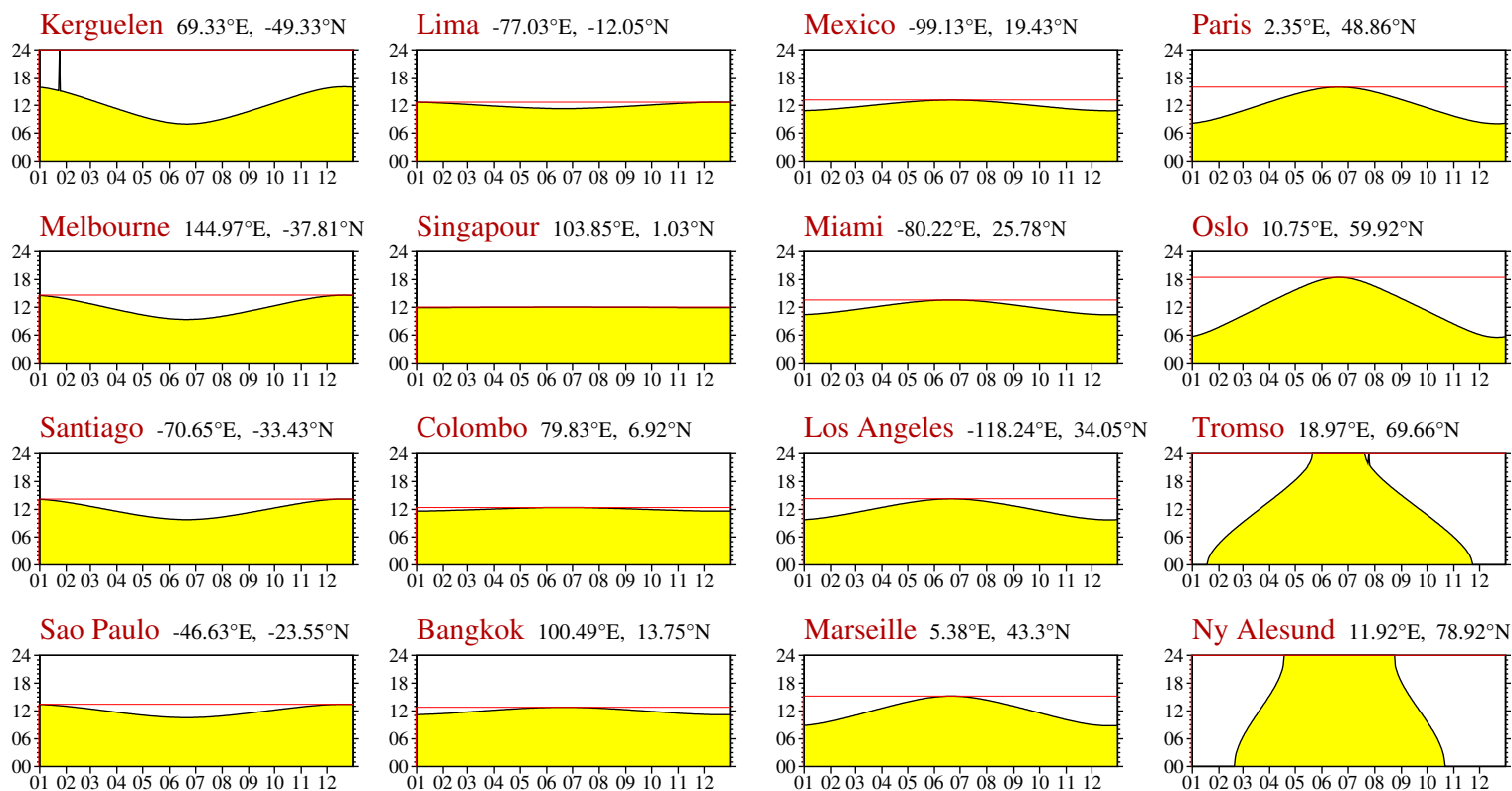
Duration of the day, for January 21

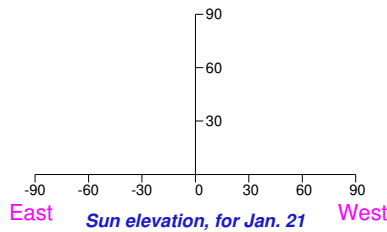
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
						1 1 - 364 Polar Night	2 2 - 363 Polar Night
1	3 3 - 362 Polar Night	4 4 - 361 Polar Night	5 5 - 360 Polar Night	6 6 - 359 Polar Night	7 7 - 358 Polar Night	8 8 - 357 Polar Night	9 9 - 356 Polar Night
2	10 10 - 355 Polar Night	11 11 - 354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

Sun Calendar © P. Robert / ScientiDev, Déc. 2014

Sun Calendar © P. Robert / ScientiDev, Déc. 2014

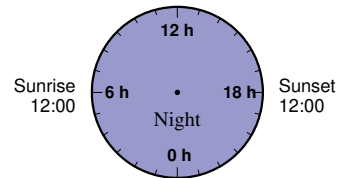
Day duration for any cities for 2021





January 2023

Ny-Alesund
11.92°E, 78.92°N



Duration of the day, for January 21

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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

1

2

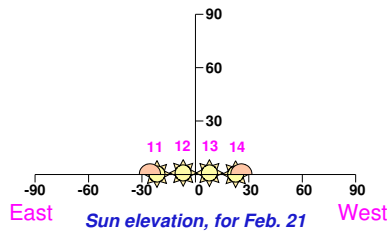
3

4

5

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

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February 2022

Ny-Alesund
11.92°E, 78.92°N



Duration of the day, for February 21

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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

5

6

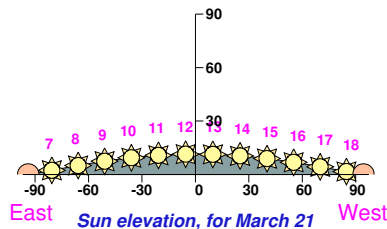
7

8

9

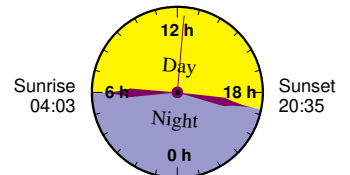
	1 32 - 333 Polar Night	2 33 - 332 Polar Night	3 34 - 331 Polar Night	4 35 - 330 Polar Night	5 36 - 329 Polar Night	6 37 - 328 Polar Night
7	7 38 - 327 Polar Night	8 39 - 326 Polar Night	9 40 - 325 Polar Night	10 41 - 324 Polar Night	11 42 - 323 Polar Night	12 43 - 322 Polar Night
14	14 45 - 320 Polar Night	15 46 - 319 Polar Night	16 47 - 318 Polar Night	17 48 - 317 12:16 - 12:40 0°	18 49 - 316 11:28 - 13:28 0°	19 50 - 315 11:03 - 13:52 0°
21	21 52 - 313 10:28 - 14:27 1°	22 53 - 312 10:13 - 14:41 1°	23 54 - 311 10:00 - 14:55 2°	24 55 - 310 09:47 - 15:07 2°	25 56 - 309 09:35 - 15:19 2°	26 57 - 308 09:24 - 15:30 3°
28	28 59 - 306 09:03 - 15:50 3°					

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March 2022

Ny-Alesund
11.92°E, 78.92°N



Duration of the day, for March 21

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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

9

10

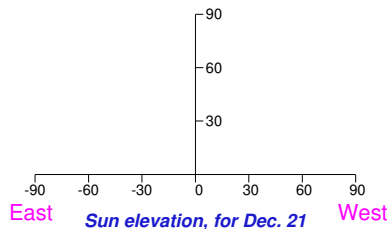
11

12

13

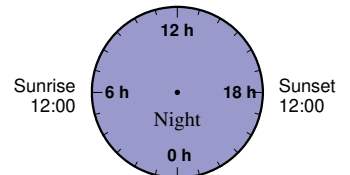
	1 60 - 305 08:52 - 16:00 4°	2 61 - 304 08:43 - 16:10 4°	3 62 - 303 08:33 - 16:19 5°	4 63 - 302 08:24 - 16:28 5°	5 64 - 301 08:14 - 16:37 5°	6 65 - 300 08:05 - 16:45 6°
7 66 - 299 07:56 - 16:54 6°	8 67 - 298 07:47 - 17:02 6°	9 68 - 297 07:39 - 17:11 7°	10 69 - 296 07:30 - 17:19 7°	11 70 - 295 07:22 - 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 06:39 - 18:07 10°	17 76 - 289 06:31 - 18:14 10°	18 77 - 288 06:23 - 18:22 10°	19 78 - 287 06:14 - 18:30 11°	20 79 - 286 06:06 - 18:38 11°
21 80 - 285 05:58 - 18:46 11°	22 81 - 284 05:49 - 18:54 12°	23 82 - 283 05:41 - 19:02 12°	24 83 - 282 05:33 - 19:10 13°	25 84 - 281 05:24 - 19:18 13°	26 85 - 280 05:16 - 19:26 13°	27 86 - 279 05:07 - 19:34 14°
28 87 - 278 04:58 - 19:42 14°	29 88 - 277 04:49 - 19:51 15°	30 89 - 276 04:40 - 19:59 15°	31 90 - 275 04:31 - 20:08 15°			

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December 2022

Ny-Alesund
11.92°E, 78.92°N



Duration of the day, for December 21

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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

48

49

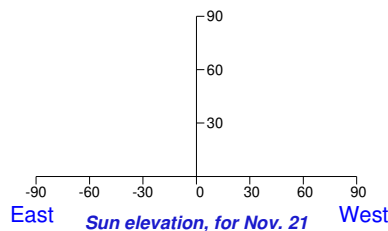
50

51

52

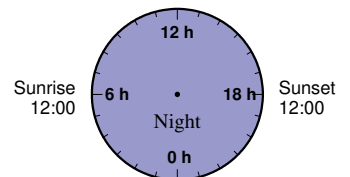
			1 335 - 30 Polar Night	2 336 - 29 Polar Night	3 337 - 28 Polar Night	4 338 - 27 Polar Night
5 339 - 26 Polar Night	6 340 - 25 Polar Night	7 341 - 24 Polar Night	8 342 - 23 Polar Night	9 343 - 22 Polar Night	10 344 - 21 Polar Night	11 345 - 20 Polar Night
12 346 - 19 Polar Night	13 347 - 18 Polar Night	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 2022

Ny-Alesund
11.92°E, 78.92°N



Duration of the day, for November 21

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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

44

1 305 - 60 Polar Night	2 306 - 59 Polar Night	3 307 - 58 Polar Night	4 308 - 57 Polar Night	5 309 - 56 Polar Night	6 310 - 55 Polar Night
----------------------------------	----------------------------------	----------------------------------	----------------------------------	----------------------------------	----------------------------------

45

7 311 - 54 Polar Night	8 312 - 53 Polar Night	9 313 - 52 Polar Night	10 314 - 51 Polar Night	11 315 - 50 Polar Night	12 316 - 49 Polar Night	13 317 - 48 Polar Night
----------------------------------	----------------------------------	----------------------------------	-----------------------------------	-----------------------------------	-----------------------------------	-----------------------------------

46

14 318 - 47 Polar Night	15 319 - 46 Polar Night	16 320 - 45 Polar Night	17 321 - 44 Polar Night	18 322 - 43 Polar Night	19 323 - 42 Polar Night	20 324 - 41 Polar Night
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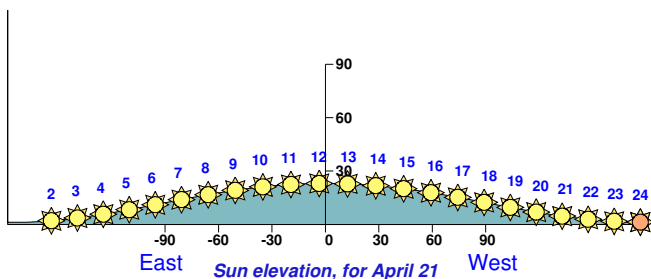
47

21 325 - 40 Polar Night	22 326 - 39 Polar Night	23 327 - 38 Polar Night	24 328 - 37 Polar Night	25 329 - 36 Polar Night	26 330 - 35 Polar Night	27 331 - 34 Polar Night
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48

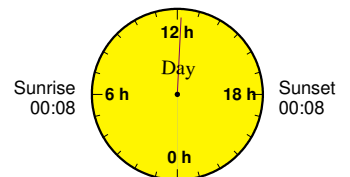
28 332 - 33 Polar Night	29 333 - 32 Polar Night	30 334 - 31 Polar Night
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April 2022

Ny-Alesund
11.92°E, 78.92°N



Duration of the day, for April 21

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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

13

1 91 - 274 04:22 - 20:17 16°	2 92 - 273 04:13 - 20:26 16°	3 93 - 272 04:03 - 20:35 17°
--	--	--

14

4 94 - 271 03:53 - 20:44 17°	5 95 - 270 03:43 - 20:54 17°	6 96 - 269 03:33 - 21:04 18°	7 97 - 268 03:22 - 21:15 18°	8 98 - 267 03:11 - 21:26 18°	9 99 - 266 03:00 - 21:38 19°	10 100 - 265 02:47 - 21:50 19°
--	--	--	--	--	--	--

15

11 101 - 264 02:34 - 22:04 20°	12 102 - 263 02:20 - 22:19 20°	13 103 - 262 02:05 - 22:36 20°	14 104 - 261 01:47 - 22:56 21°	15 105 - 260 00:57 - 23:25 21°	16 106 - 259 Day at anytime	17 107 - 258 Day at anytime
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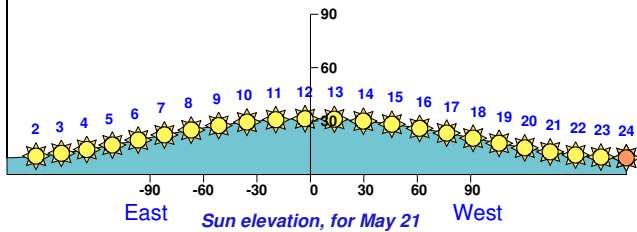
16

18 108 - 257 Day at anytime	19 109 - 256 Day at anytime	20 110 - 255 Day at anytime	21 111 - 254 Day at anytime	22 112 - 253 Day at anytime	23 113 - 252 Day at anytime	24 114 - 251 Day at anytime
---------------------------------------	---------------------------------------	---------------------------------------	---------------------------------------	---------------------------------------	---------------------------------------	---------------------------------------

17

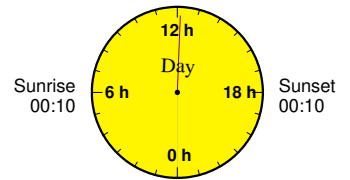
25 115 - 250 Day at anytime	26 116 - 249 Day at anytime	27 117 - 248 Day at anytime	28 118 - 247 Day at anytime	29 119 - 246 Day at anytime	30 120 - 245 Day at anytime
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Sun Calendar © P. Robert / ScientiDev, Déc. 2014



May 2022

Ny-Alesund
11.92°E, 78.92°N



Duration of the day, for May 21

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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

17

18

19

20

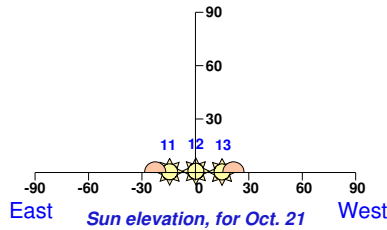
21

22

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

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October 2022



Ny-Alesund
11.92°E, 78.92°N



Duration of the day, for October 21

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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

39

40

41

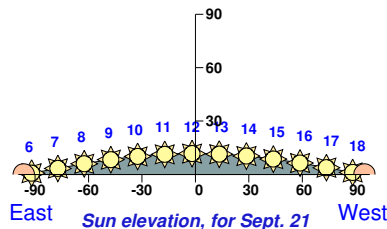
42

43

44

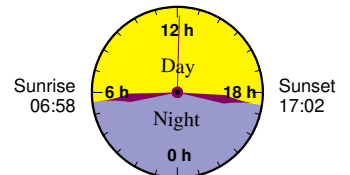
					1 274 - 91 06:50 - 17:10 8°	2 275 - 90 06:58 - 17:02 8°
3 276 - 89 07:06 - 16:53 7°	4 277 - 88 07:14 - 16:45 7°	5 278 - 87 07:22 - 16:36 6°	6 279 - 86 07:31 - 16:27 6°	7 280 - 85 07:39 - 16:19 6°	8 281 - 84 07:47 - 16:10 5°	9 282 - 83 07:56 - 16:00 5°
10 283 - 82 08:05 - 15:51 5°	11 284 - 81 08:14 - 15:42 4°	12 285 - 80 08:23 - 15:32 4°	13 286 - 79 08:33 - 15:22 3°	14 287 - 78 08:43 - 15:11 3°	15 288 - 77 08:53 - 15:01 3°	16 289 - 76 09:04 - 14:50 2°
17 290 - 75 09:15 - 14:38 2°	18 291 - 74 09:27 - 14:26 2°	19 292 - 73 09:40 - 14:12 1°	20 293 - 72 09:54 - 13:58 1°	21 294 - 71 10:10 - 13:42 1°	22 295 - 70 10:28 - 13:24 1°	23 296 - 69 10:50 - 13:01 0°
24 297 - 68 11:26 - 12:25 0°	25 298 - 67 Polar Night	26 299 - 66 Polar Night	27 300 - 65 Polar Night	28 301 - 64 Polar Night	29 302 - 63 Polar Night	30 303 - 62 Polar Night
31 304 - 61 Polar Night						

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September 2022

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

1 244 - 121
02:30 - 21:44 19°

2 245 - 120
02:43 - 21:32 19°

3 246 - 119
02:55 - 21:20 19°

4 247 - 118
03:06 - 21:09 18°

5 248 - 117
03:17 - 20:58 18°

6 249 - 116
03:27 - 20:48 17°

7 250 - 115
03:37 - 20:38 17°

8 251 - 114
03:46 - 20:28 17°

9 252 - 113
03:55 - 20:18 16°

10 253 - 112
04:04 - 20:09 16°

11 254 - 111
04:13 - 20:00 16°

12 255 - 110
04:21 - 19:50 15°

13 256 - 109
04:30 - 19:42 15°

14 257 - 108
04:38 - 19:33 14°

15 258 - 107
04:46 - 19:24 14°

16 259 - 106
04:54 - 19:15 14°

17 260 - 105
05:02 - 19:07 13°

18 261 - 104
05:10 - 18:58 13°

19 262 - 103
05:18 - 18:50 13°

20 263 - 102
05:26 - 18:42 12°

21 264 - 101
05:34 - 18:33 12°

22 265 - 100
05:41 - 18:25 11°

23 266 - 99
05:49 - 18:17 11°

24 267 - 98
05:57 - 18:08 11°

25 268 - 97
06:04 - 18:00 10°

26 269 - 96
06:12 - 17:52 10°

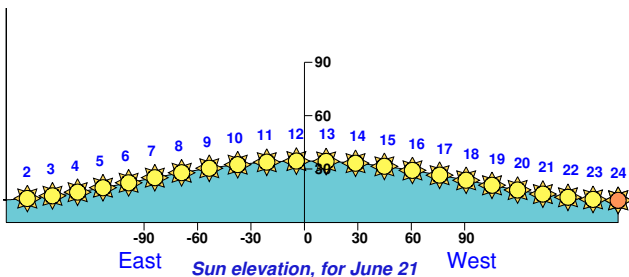
27 270 - 95
06:19 - 17:44 9°

28 271 - 94
06:27 - 17:35 9°

29 272 - 93
06:35 - 17:27 9°

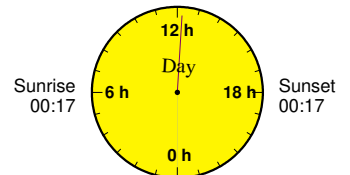
30 273 - 92
06:43 - 17:19 8°

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June 2022

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

1 152 - 213
Day at anytime

2 153 - 212
Day at anytime

3 154 - 211
Day at anytime

4 155 - 210
Day at anytime

5 156 - 209
Day at anytime

6 157 - 208
Day at anytime

7 158 - 207
Day at anytime

8 159 - 206
Day at anytime

9 160 - 205
Day at anytime

10 161 - 204
Day at anytime

11 162 - 203
Day at anytime

12 163 - 202
Day at anytime

13 164 - 201
Day at anytime

14 165 - 200
Day at anytime

15 166 - 199
Day at anytime

16 167 - 198
Day at anytime

17 168 - 197
Day at anytime

18 169 - 196
Day at anytime

19 170 - 195
Day at anytime

20 171 - 194
Day at anytime

21 172 - 193
Day at anytime

22 173 - 192
Day at anytime

23 174 - 191
Day at anytime

24 175 - 190
Day at anytime

25 176 - 189
Day at anytime

26 177 - 188
Day at anytime

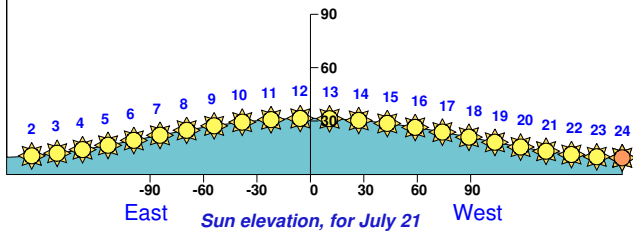
27 178 - 187
Day at anytime

28 179 - 186
Day at anytime

29 180 - 185
Day at anytime

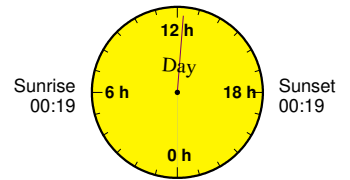
30 181 - 184
Day at anytime

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July 2022

Ny-Alesund
11.92°E, 78.92°N



Duration of the day, for July 21

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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

26

27

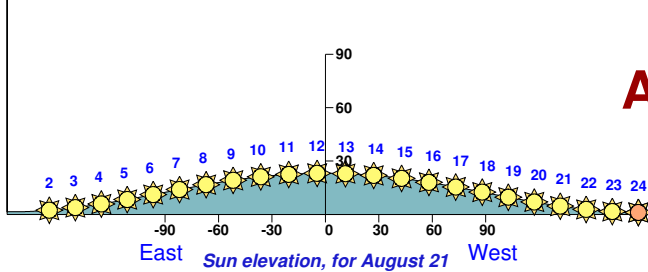
28

29

30

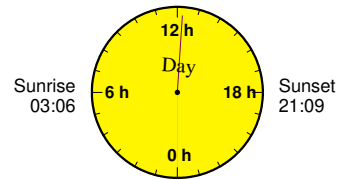
				1 182 - 183 Day at anytime	2 183 - 182 Day at anytime	3 184 - 181 Day at anytime
	4 185 - 180 Day at anytime	5 186 - 179 Day at anytime	6 187 - 178 Day at anytime	7 188 - 177 Day at anytime	8 189 - 176 Day at anytime	9 190 - 175 Day at anytime
	10 191 - 174 Day at anytime	11 192 - 173 Day at anytime	12 193 - 172 Day at anytime	13 194 - 171 Day at anytime	14 195 - 170 Day at anytime	15 196 - 169 Day at anytime
	16 197 - 168 Day at anytime	17 198 - 167 Day at anytime	18 199 - 166 Day at anytime	19 200 - 165 Day at anytime	20 201 - 164 Day at anytime	21 202 - 163 Day at anytime
	22 203 - 162 Day at anytime	23 204 - 161 Day at anytime	24 205 - 160 Day at anytime	25 206 - 159 Day at anytime	26 207 - 158 Day at anytime	27 208 - 157 Day at anytime
	28 209 - 156 Day at anytime	29 210 - 155 Day at anytime	30 211 - 154 Day at anytime	31 212 - 153 Day at anytime		

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August 2022

Ny-Alesund
11.92°E, 78.92°N



Duration of the day, for August 21

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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

31

32

33

34

35

1 213 - 152 Day at anytime	2 214 - 151 Day at anytime	3 215 - 150 Day at anytime	4 216 - 149 Day at anytime	5 217 - 148 Day at anytime	6 218 - 147 Day at anytime	7 219 - 146 Day at anytime
8 220 - 145 Day at anytime	9 221 - 144 Day at anytime	10 222 - 143 Day at anytime	11 223 - 142 Day at anytime	12 224 - 141 Day at anytime	13 225 - 140 Day at anytime	14 226 - 139 Day at anytime
15 227 - 138 Day at anytime	16 228 - 137 Day at anytime	17 229 - 136 Day at anytime	18 230 - 135 Day at anytime	19 231 - 134 Day at anytime	20 232 - 133 Day at anytime	21 233 - 132 Day at anytime
22 234 - 131 Day at anytime	23 235 - 130 Day at anytime	24 236 - 129 Day at anytime	25 237 - 128 Day at anytime	26 238 - 127 00:46 - 23:45 21°	27 239 - 126 Day at anytime	28 240 - 125 01:21 - 22:46 21°
29 241 - 124 01:43 - 22:28 20°	30 242 - 123 02:01 - 22:12 20°	31 243 - 122 02:17 - 21:58 20°				

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