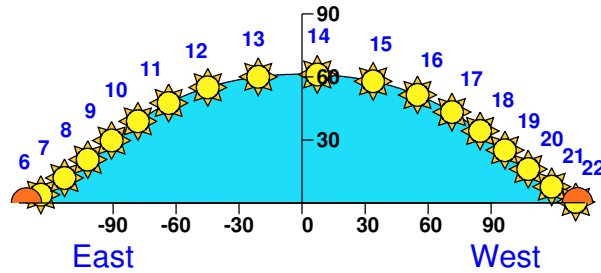


Sun Calendar 2017

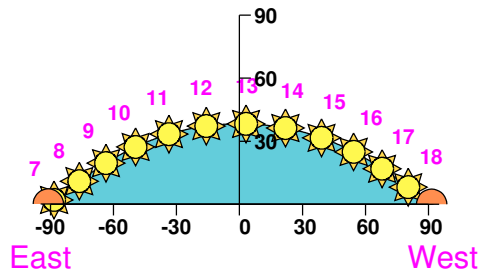
Produced by *ScientiDev*
www.scientidev.fr

Noordwijk
4.26°E, 52.14°N

Summer

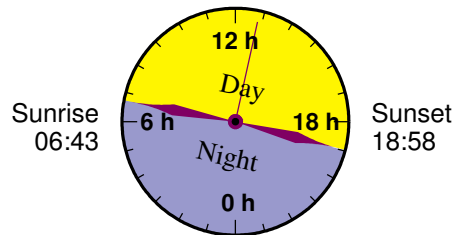


Spring



March 21

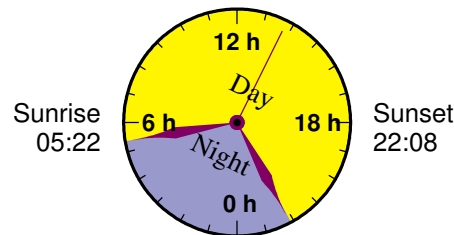
Day duration 12:15



Spring Equinox

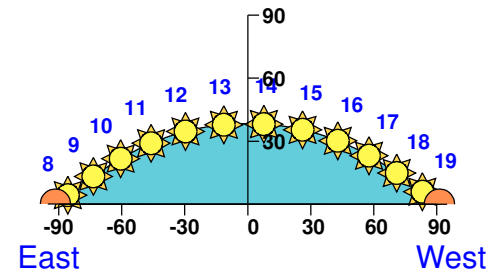
June 21

Day duration 16:46



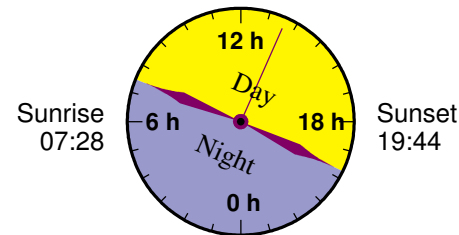
Summer Solstice

Autumn



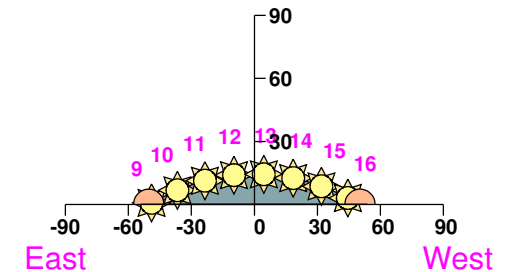
Sept. 21

Day duration 12:16



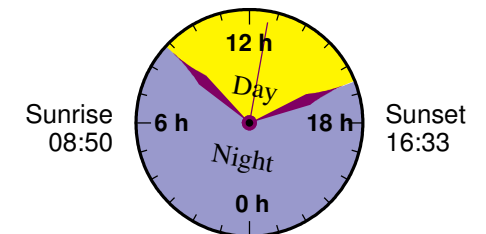
Autumn Equinox

Winter



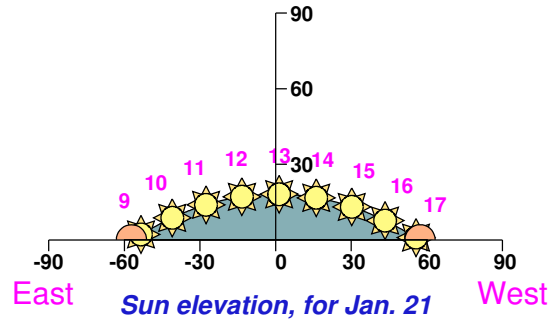
Dec. 21

Day duration 7:43

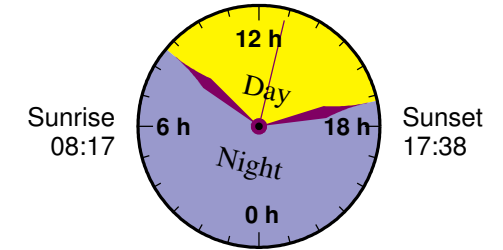


Winter Solstice

January 2017



Noordwijk
4.26°E, 52.14°N



Sunrise and Sunset at Noordwijk (TL ± 1 mn)

Duration of the day - Variation - Sun maximal elevation (°)

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

1

2

3

4

5

2 2 - 363
08:52 - 16:43

7:51 +1 m. 15°

9 9 - 356
08:49 - 16:52

8:02 +2 m. 16°

16 16 - 349
08:44 - 17:03

8:18 +2 m. 17°

23 23 - 342
08:36 - 17:14

8:38 +3 m. 19°

30 30 - 335
08:26 - 17:27

9:00 +3 m. 20°

3 3 - 362
08:52 - 16:44

7:52 +1 m. 15°

10 10 - 355
08:49 - 16:53

8:04 +2 m. 16°

17 17 - 348
08:43 - 17:04

8:21 +3 m. 17°

24 24 - 341
08:35 - 17:16

8:41 +3 m. 19°

31 31 - 334
08:25 - 17:29

9:04 +4 m. 21°

4 4 - 361
08:51 - 16:45

7:54 +2 m. 15°

11 11 - 354
08:48 - 16:55

8:06 +2 m. 16°

18 18 - 347
08:42 - 17:06

8:24 +3 m. 17°

25 25 - 340
08:34 - 17:18

8:44 +3 m. 19°

5 5 - 360
08:51 - 16:47

7:55 +1 m. 15°

12 12 - 353
08:47 - 16:56

8:09 +3 m. 16°

19 19 - 346
08:41 - 17:08

8:26 +2 m. 18°

26 26 - 339
08:32 - 17:20

8:47 +3 m. 19°

6 6 - 359
08:51 - 16:48

7:57 +2 m. 15°

13 13 - 352
08:46 - 16:58

8:11 +2 m. 17°

20 20 - 345
08:40 - 17:09

8:29 +3 m. 18°

27 27 - 338
08:31 - 17:22

8:50 +3 m. 20°

7 7 - 358
08:50 - 16:49

7:59 +2 m. 16°

14 14 - 351
08:46 - 16:59

8:13 +2 m. 17°

21 21 - 344
08:39 - 17:11

8:32 +3 m. 18°

28 28 - 337
08:29 - 17:23

8:54 +4 m. 20°

1 1 - 365
08:52 - 16:42

7:50 +2 m. 15°

8 8 - 357
08:50 - 16:50

8:00 +1 m. 16°

15 15 - 350
08:45 - 17:01

8:16 +3 m. 17°

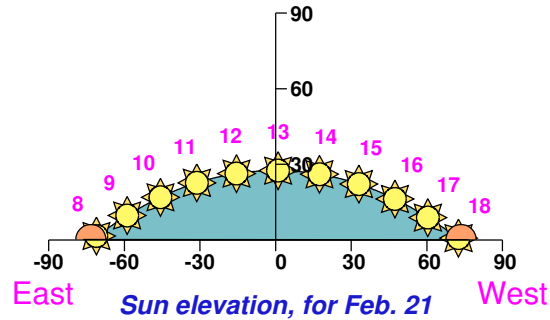
22 22 - 343
08:37 - 17:13

8:35 +3 m. 18°

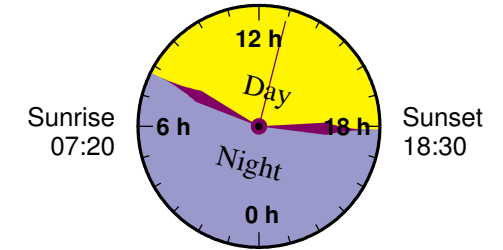
29 29 - 336
08:28 - 17:25

8:57 +3 m. 20°

February 2017



Noordwijk
4.26°E, 52.14°N



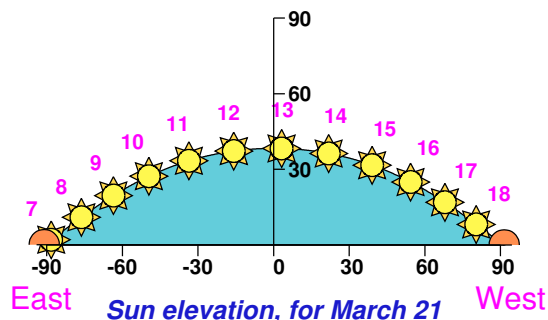
Duration of the day, for February 21

Sunrise and Sunset at Noordwijk (TL ± 1 mn)

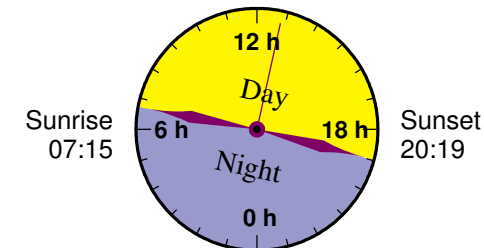
Duration of the day - Variation - Sun maximal elevation (°)

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
5			1 32 - 333 08:23 - 17:31 9:07 +3 m. 21°	2 33 - 332 08:22 - 17:33 9:10 +3 m. 21°	3 34 - 331 08:20 - 17:35 9:14 +4 m. 22°	4 35 - 330 08:18 - 17:36 9:18 +4 m. 22°	5 36 - 329 08:17 - 17:38 9:21 +3 m. 22°
6	6 37 - 328 08:15 - 17:40 9:25 +4 m. 22°	7 38 - 327 08:13 - 17:42 9:28 +3 m. 23°	8 39 - 326 08:11 - 17:44 9:32 +4 m. 23°	9 40 - 325 08:10 - 17:46 9:36 +4 m. 23°	10 41 - 324 08:08 - 17:48 9:39 +3 m. 24°	11 42 - 323 08:06 - 17:50 9:43 +4 m. 24°	12 43 - 322 08:04 - 17:51 9:47 +4 m. 24°
7	13 44 - 321 08:02 - 17:53 9:51 +4 m. 25°	14 45 - 320 08:00 - 17:55 9:55 +4 m. 25°	15 46 - 319 07:58 - 17:57 9:58 +3 m. 25°	16 47 - 318 07:56 - 17:59 10:03 +5 m. 26°	17 48 - 317 07:54 - 18:01 10:07 +4 m. 26°	18 49 - 316 07:52 - 18:03 10:10 +3 m. 26°	19 50 - 315 Polar Night
8	20 51 - 314 07:48 - 18:06 10:18 +618 m. 27°	21 52 - 313 07:46 - 18:08 10:22 +4 m. 28°	22 53 - 312 07:44 - 18:10 10:26 +4 m. 28°	23 54 - 311 07:42 - 18:12 10:30 +4 m. 28°	24 55 - 310 07:40 - 18:14 10:34 +4 m. 29°	25 56 - 309 07:38 - 18:16 10:38 +4 m. 29°	26 57 - 308 07:35 - 18:17 10:42 +4 m. 29°
9	27 58 - 307 07:33 - 18:19 10:46 +4 m. 30°	28 59 - 306 07:31 - 18:21 10:50 +4 m. 30°					

March 2017



Noordwijk
4.26°E, 52.14°N



Duration of the day, for March 21

Sunrise and Sunset at Noordwijk (TL $\pm$ 1 mn)

Time change March 26

Duration of the day - Variation - Sun maximal elevation (°)

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

9

1 60 - 305
07:29 - 18:23

10:54 +4 m. 30°

2 61 - 304
07:27 - 18:25

10:58 +4 m. 31°

3 62 - 303
07:24 - 18:26

11:02 +4 m. 31°

4 63 - 302
07:22 - 18:28

11:06 +4 m. 32°

5 64 - 301
07:20 - 18:30

11:10 +4 m. 32°

10

6 65 - 300
07:18 - 18:32

11:14 +4 m. 32°

7 66 - 299
07:15 - 18:34

11:18 +4 m. 33°

8 67 - 298
07:13 - 18:35

11:22 +4 m. 33°

9 68 - 297
07:11 - 18:37

11:26 +4 m. 34°

10 69 - 296
07:09 - 18:39

11:30 +4 m. 34°

11 70 - 295
07:06 - 18:41

11:34 +4 m. 34°

12 71 - 294
07:04 - 18:43

11:39 +5 m. 35°

11

13 72 - 293
07:02 - 18:44

11:43 +4 m. 35°

14 73 - 292
06:59 - 18:46

11:47 +4 m. 36°

15 74 - 291
06:57 - 18:48

11:51 +4 m. 36°

16 75 - 290
06:55 - 18:50

11:55 +4 m. 36°

17 76 - 289
06:53 - 18:51

11:59 +4 m. 37°

18 77 - 288
06:50 - 18:53

12:03 +4 m. 37°

19 78 - 287
06:48 - 18:55

12:07 +4 m. 38°

12

20 79 - 286
06:46 - 18:57

12:11 +4 m. 38°

21 80 - 285
06:43 - 18:58

12:15 +4 m. 38°

22 81 - 284
06:41 - 19:00

12:19 +4 m. 39°

23 82 - 283
06:39 - 19:02

12:23 +4 m. 39°

24 83 - 282
06:36 - 19:03

12:27 +4 m. 39°

25 84 - 281
06:34 - 19:05

12:31 +4 m. 40°

26 85 - 280
07:32 - 20:07

12:35 +4 m. 40°

13

27 86 - 279
07:29 - 20:09

12:40 +5 m. 41°

28 87 - 278
07:27 - 20:10

12:44 +4 m. 41°

29 88 - 277
07:25 - 20:12

12:48 +4 m. 41°

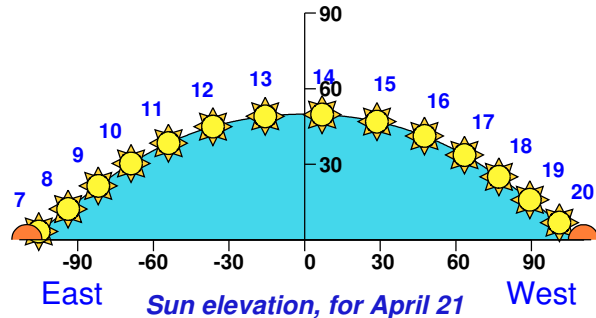
30 89 - 276
07:22 - 20:14

12:52 +4 m. 42°

31 90 - 275
07:20 - 20:16

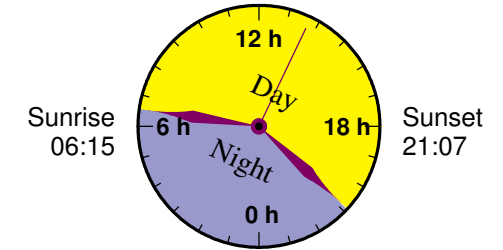
12:56 +4 m. 42°

April 2017



Noordwijk

4.26°E, 52.14°N



Duration of the day, for April 21

Sunrise and Sunset at Noordwijk (TL $\pm$ 1 mn)

Duration of the day - Variation - Sun maximal elevation (°)

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

13

14

15

16

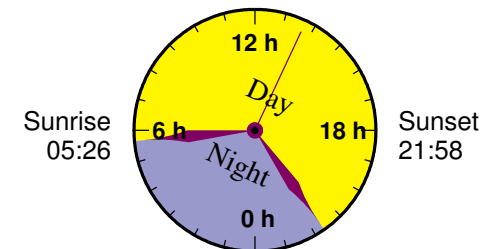
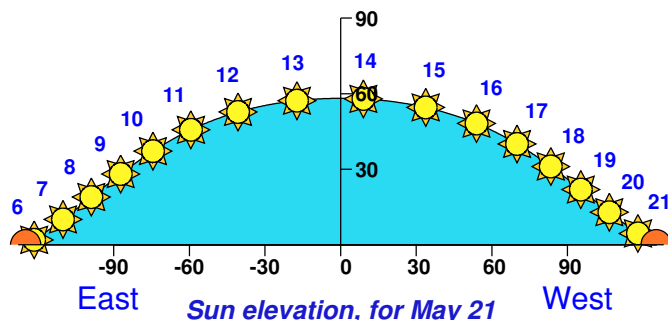
17

1	91 - 274 07:18 - 20:17	13:00 +4 m. 43°
2	92 - 273 07:15 - 20:19	13:04 +4 m. 43°
3	93 - 272 07:13 - 20:21	13:08 +4 m. 43°
4	94 - 271 07:11 - 20:22	13:12 +4 m. 44°
5	95 - 270 07:08 - 20:24	13:16 +4 m. 44°
6	96 - 269 07:06 - 20:26	13:20 +4 m. 45°
7	97 - 268 07:04 - 20:28	13:24 +4 m. 45°
8	98 - 267 07:02 - 20:29	13:28 +4 m. 45°
9	99 - 266 06:59 - 20:31	13:32 +4 m. 46°
10	100 - 265 06:57 - 20:33	13:36 +4 m. 46°
11	101 - 264 06:55 - 20:34	13:40 +4 m. 46°
12	102 - 263 06:53 - 20:36	13:44 +4 m. 47°
13	103 - 262 06:50 - 20:38	13:48 +4 m. 47°
14	104 - 261 06:48 - 20:40	13:51 +3 m. 47°
15	105 - 260 06:46 - 20:41	13:55 +4 m. 48°
16	106 - 259 06:44 - 20:43	13:59 +4 m. 48°
17	107 - 258 06:42 - 20:45	14:03 +4 m. 49°
18	108 - 257 06:39 - 20:47	14:07 +4 m. 49°
19	109 - 256 06:37 - 20:48	14:11 +4 m. 49°
20	110 - 255 06:35 - 20:50	14:15 +4 m. 50°
21	111 - 254 06:33 - 20:52	14:19 +4 m. 50°
22	112 - 253 06:31 - 20:53	14:23 +4 m. 50°
23	113 - 252 06:29 - 20:55	14:26 +3 m. 51°
24	114 - 251 06:27 - 20:57	14:30 +4 m. 51°
25	115 - 250 06:25 - 20:59	14:34 +4 m. 51°
26	116 - 249 06:23 - 21:00	14:38 +4 m. 52°
27	117 - 248 06:21 - 21:02	14:41 +3 m. 52°
28	118 - 247 06:19 - 21:04	14:45 +4 m. 52°
29	119 - 246 06:17 - 21:05	14:49 +4 m. 52°
30	120 - 245 06:15 - 21:07	14:52 +3 m. 53°

May 2017

Noordwijk

4.26°E, 52.14°N



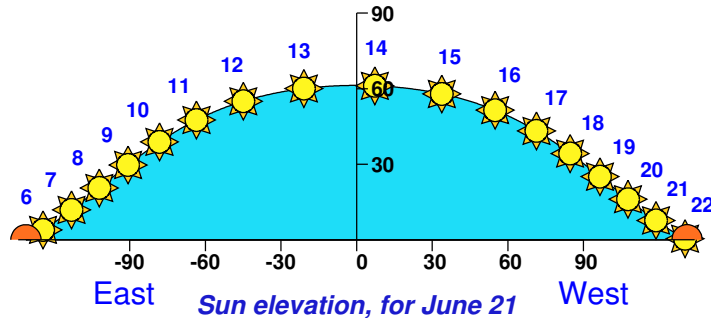
Duration of the day, for May 21

Sunrise and Sunset at Noordwijk (TL $\pm$ 1 mn)

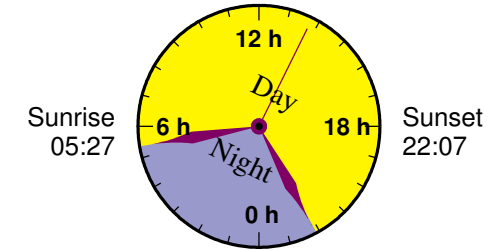
Duration of the day - Variation - Sun maximal elevation (°)

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
18	1 121 - 244 06:13 - 21:09 14:56 +4 m. 53°	2 122 - 243 06:11 - 21:10 15:00 +4 m. 53°	3 123 - 242 06:09 - 21:12 15:03 +3 m. 54°	4 124 - 241 06:07 - 21:14 15:07 +4 m. 54°	5 125 - 240 06:05 - 21:15 15:10 +3 m. 54°	6 126 - 239 06:04 - 21:17 15:14 +4 m. 55°	7 127 - 238 06:02 - 21:19 15:17 +3 m. 55°
19	8 128 - 237 06:00 - 21:20 15:20 +3 m. 55°	9 129 - 236 05:58 - 21:22 15:24 +4 m. 55°	10 130 - 235 05:57 - 21:24 15:27 +3 m. 56°	11 131 - 234 05:55 - 21:25 15:30 +3 m. 56°	12 132 - 233 05:53 - 21:27 15:34 +4 m. 56°	13 133 - 232 05:52 - 21:28 15:37 +3 m. 56°	14 134 - 231 05:50 - 21:30 15:40 +3 m. 57°
20	15 135 - 230 05:49 - 21:31 15:43 +3 m. 57°	16 136 - 229 05:47 - 21:33 15:46 +3 m. 57°	17 137 - 228 05:46 - 21:34 15:49 +3 m. 57°	18 138 - 227 05:44 - 21:36 15:52 +3 m. 58°	19 139 - 226 05:43 - 21:37 15:55 +3 m. 58°	20 140 - 225 05:41 - 21:39 15:58 +3 m. 58°	21 141 - 224 05:40 - 21:40 16:00 +2 m. 58°
21	22 142 - 223 05:39 - 21:42 16:03 +3 m. 58°	23 143 - 222 05:37 - 21:43 16:06 +3 m. 59°	24 144 - 221 05:36 - 21:45 16:08 +2 m. 59°	25 145 - 220 05:35 - 21:46 16:11 +3 m. 59°	26 146 - 219 05:34 - 21:47 16:13 +2 m. 59°	27 147 - 218 05:33 - 21:48 16:16 +3 m. 59°	28 148 - 217 05:32 - 21:50 16:18 +2 m. 59°
22	29 149 - 216 05:31 - 21:51 16:20 +2 m. 60°	30 150 - 215 05:30 - 21:52 16:22 +2 m. 60°	31 151 - 214 05:29 - 21:53 16:24 +2 m. 60°				

June 2017



Noordwijk
4.26°E, 52.14°N



Duration of the day, for June 21

Sunrise and Sunset at Noordwijk (TL $\pm$ 1 mn)

Duration of the day - Variation - Sun maximal elevation (°)

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

22

1 152 - 213
05:28 - 21:54

16:26 +2 m. 60°

2 153 - 212
05:27 - 21:55

16:28 +2 m. 60°

3 154 - 211
05:27 - 21:57

16:30 +2 m. 60°

4 155 - 210
05:26 - 21:58

16:32 +2 m. 60°

23

5 156 - 209
05:25 - 21:58

16:33 +1 m. 60°

6 157 - 208
05:25 - 21:59

16:35 +2 m. 61°

7 158 - 207
05:24 - 22:00

16:36 +1 m. 61°

8 159 - 206
05:24 - 22:01

16:37 +1 m. 61°

9 160 - 205
05:23 - 22:02

16:39 +2 m. 61°

10 161 - 204
05:23 - 22:03

16:40 +1 m. 61°

11 162 - 203
05:23 - 22:03

16:41 +1 m. 61°

24

12 163 - 202
05:22 - 22:04

16:42 +1 m. 61°

13 164 - 201
05:22 - 22:05

16:43 +1 m. 61°

14 165 - 200
05:22 - 22:05

16:43 +0 m. 61°

15 166 - 199
05:22 - 22:06

16:44 +1 m. 61°

16 167 - 198
05:22 - 22:06

16:45 +1 m. 61°

17 168 - 197
05:22 - 22:07

16:45 +0 m. 61°

18 169 - 196
05:22 - 22:07

16:45 +0 m. 61°

25

19 170 - 195
05:22 - 22:07

16:46 +1 m. 61°

20 171 - 194
05:22 - 22:08

16:46 +0 m. 61°

21 172 - 193
05:22 - 22:08

16:46 +0 m. 61°

22 173 - 192
05:22 - 22:08

16:46 +0 m. 61°

23 174 - 191
05:23 - 22:08

16:46 +0 m. 61°

24 175 - 190
05:23 - 22:08

16:45 -1 m. 61°

25 176 - 189
05:23 - 22:08

16:45 +0 m. 61°

26

26 177 - 188
05:24 - 22:08

16:44 -1 m. 61°

27 178 - 187
05:24 - 22:08

16:44 +0 m. 61°

28 179 - 186
05:25 - 22:08

16:43 -1 m. 61°

29 180 - 185
05:25 - 22:08

16:42 -1 m. 61°

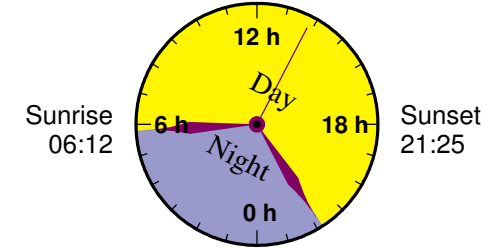
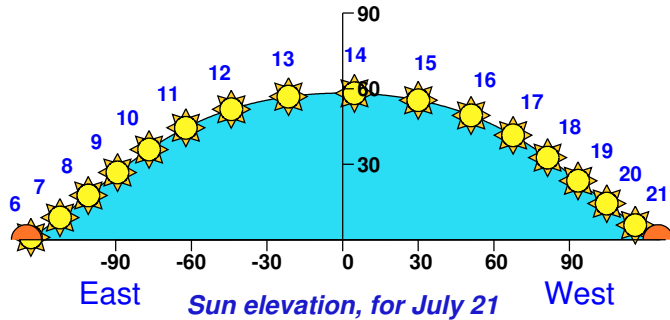
30 181 - 184
05:26 - 22:07

16:41 -1 m. 61°

July 2017

Noordwijk

4.26°E, 52.14°N



Duration of the day, for July 21

Sunrise and Sunset at Noordwijk (TL $\pm$ 1 mn)

Duration of the day - Variation - Sun maximal elevation (°)

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

26

27

28

29

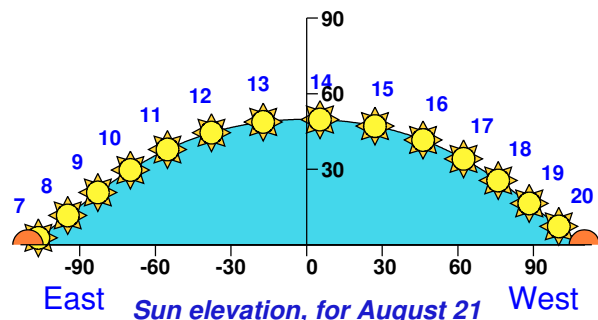
30

31

1 182 - 183 05:27 - 22:07 16:40 -1 m. 61°	2 183 - 182 05:27 - 22:07 16:39 -1 m. 61°
8 189 - 176 05:33 - 22:03 16:31 -1 m. 60°	9 190 - 175 05:34 - 22:02 16:29 -2 m. 60°
15 196 - 169 05:40 - 21:57 16:17 -2 m. 59°	16 197 - 168 05:42 - 21:56 16:14 -3 m. 59°
22 203 - 162 05:50 - 21:49 15:59 -3 m. 58°	23 204 - 161 05:51 - 21:47 15:56 -3 m. 58°
29 210 - 155 06:00 - 21:38 15:38 -4 m. 57°	30 211 - 154 06:01 - 21:37 15:35 -3 m. 56°

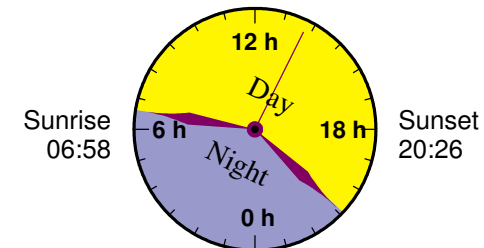
3 184 - 181 05:28 - 22:06 16:38 -1 m. 61°	4 185 - 180 05:29 - 22:06 16:37 -1 m. 61°	5 186 - 179 05:30 - 22:05 16:35 -2 m. 61°	6 187 - 178 05:31 - 22:05 16:34 -1 m. 61°	7 188 - 177 05:32 - 22:04 16:32 -2 m. 60°
10 191 - 174 05:35 - 22:02 16:27 -2 m. 60°	11 192 - 173 05:36 - 22:01 16:25 -2 m. 60°	12 193 - 172 05:37 - 22:00 16:23 -2 m. 60°	13 194 - 171 05:38 - 21:59 16:21 -2 m. 60°	14 195 - 170 05:39 - 21:58 16:19 -2 m. 59°
17 198 - 167 05:43 - 21:55 16:12 -2 m. 59°	18 199 - 166 05:44 - 21:54 16:10 -2 m. 59°	19 200 - 165 05:46 - 21:52 16:07 -3 m. 59°	20 201 - 164 05:47 - 21:51 16:04 -3 m. 58°	21 202 - 163 05:48 - 21:50 16:02 -2 m. 58°
24 205 - 160 05:53 - 21:46 15:53 -3 m. 58°	25 206 - 159 05:54 - 21:44 15:51 -2 m. 57°	26 207 - 158 05:55 - 21:43 15:48 -3 m. 57°	27 208 - 157 05:57 - 21:41 15:45 -3 m. 57°	28 209 - 156 05:58 - 21:40 15:42 -3 m. 57°
31 212 - 153 06:03 - 21:35 15:32 -3 m. 56°				

August 2017



Noordwijk

4.26°E, 52.14°N



Duration of the day, for August 21

Sunrise and Sunset at Noordwijk (TL $\pm$ 1 mn)

Duration of the day - Variation - Sun maximal elevation (°)

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

31

1 213 - 152
06:04 - 21:33

15:29 -3 m. 56°

2 214 - 151
06:06 - 21:32

15:26 -3 m. 56°

3 215 - 150
06:08 - 21:30

15:22 -4 m. 55°

4 216 - 149
06:09 - 21:28

15:19 -3 m. 55°

5 217 - 148
06:11 - 21:26

15:16 -3 m. 55°

6 218 - 147
06:12 - 21:25

15:12 -4 m. 54°

32

7 219 - 146
06:14 - 21:23

15:09 -3 m. 54°

8 220 - 145
06:16 - 21:21

15:05 -4 m. 54°

9 221 - 144
06:17 - 21:19

15:02 -3 m. 54°

10 222 - 143
06:19 - 21:17

14:58 -4 m. 53°

11 223 - 142
06:20 - 21:15

14:55 -3 m. 53°

12 224 - 141
06:22 - 21:13

14:51 -4 m. 53°

13 225 - 140
06:24 - 21:11

14:48 -3 m. 52°

33

14 226 - 139
06:25 - 21:09

14:44 -4 m. 52°

15 227 - 138
06:27 - 21:07

14:40 -4 m. 52°

16 228 - 137
06:29 - 21:05

14:37 -3 m. 51°

17 229 - 136
06:30 - 21:03

14:33 -4 m. 51°

18 230 - 135
06:32 - 21:01

14:29 -4 m. 51°

19 231 - 134
06:33 - 20:59

14:26 -3 m. 50°

20 232 - 133
06:35 - 20:57

14:22 -4 m. 50°

34

21 233 - 132
06:37 - 20:55

14:18 -4 m. 50°

22 234 - 131
06:38 - 20:52

14:14 -4 m. 49°

23 235 - 130
06:40 - 20:50

14:10 -4 m. 49°

24 236 - 129
06:42 - 20:48

14:07 -3 m. 49°

25 237 - 128
06:43 - 20:46

14:03 -4 m. 48°

26 238 - 127
06:45 - 20:44

13:59 -4 m. 48°

27 239 - 126
06:47 - 20:42

13:55 -4 m. 48°

35

28 240 - 125
06:48 - 20:39

13:51 -4 m. 47°

29 241 - 124
06:50 - 20:37

13:47 -4 m. 47°

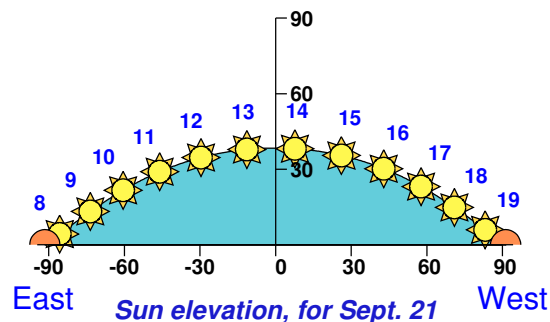
30 242 - 123
06:51 - 20:35

13:43 -4 m. 47°

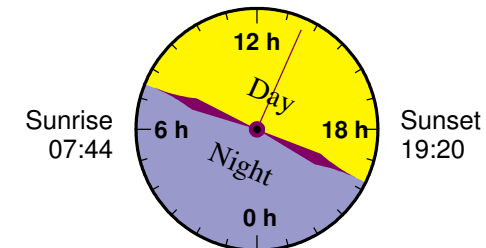
31 243 - 122
06:53 - 20:33

13:40 -3 m. 46°

September 2017



Noordwijk
4.26°E, 52.14°N



Duration of the day, for September 21

Sunrise and Sunset at Noordwijk (TL $\pm$ 1 mn)

Duration of the day - Variation - Sun maximal elevation (°)

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

35

36

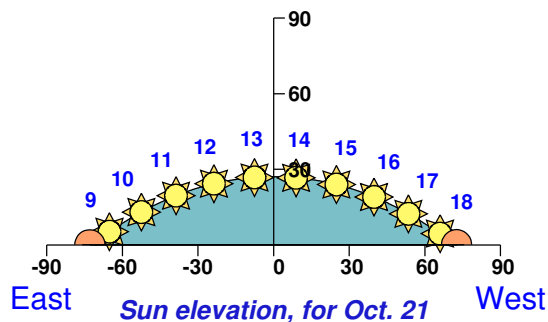
37

38

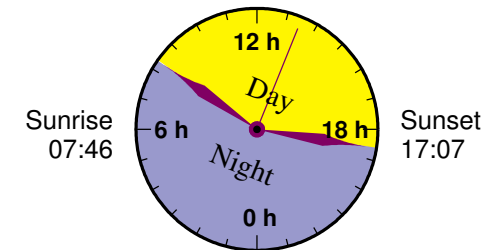
39

4 247 - 118 07:00 - 20:23 13:24-4 m.45°	5 248 - 117 07:01 - 20:21 13:20-4 m.45°	6 249 - 116 07:03 - 20:19 13:16-4 m.44°	7 250 - 115 07:05 - 20:16 13:12-4 m.44°	8 251 - 114 07:06 - 20:14 13:08-4 m.43°	9 252 - 113 07:08 - 20:12 13:04-4 m.43°	10 253 - 112 07:10 - 20:09 13:00-4 m.43°
11 254 - 111 07:11 - 20:07 12:56-4 m.42°	12 255 - 110 07:13 - 20:05 12:52-4 m.42°	13 256 - 109 07:14 - 20:02 12:48-4 m.41°	14 257 - 108 07:16 - 20:00 12:44-4 m.41°	15 258 - 107 07:18 - 19:58 12:40-4 m.41°	16 259 - 106 07:19 - 19:55 12:36-4 m.40°	17 260 - 105 07:21 - 19:53 12:32-4 m.40°
18 261 - 104 07:23 - 19:51 12:28-4 m.40°	19 262 - 103 07:24 - 19:48 12:24-4 m.39°	20 263 - 102 07:26 - 19:46 12:20-4 m.39°	21 264 - 101 07:28 - 19:44 12:16-4 m.38°	22 265 - 100 07:29 - 19:41 12:12-4 m.38°	23 266 - 99 07:31 - 19:39 12:08-4 m.38°	24 267 - 98 07:33 - 19:37 12:04-4 m.37°
25 268 - 97 07:34 - 19:34 12:00-4 m.37°	26 269 - 96 07:36 - 19:32 11:56-4 m.36°	27 270 - 95 07:38 - 19:30 11:52-4 m.36°	28 271 - 94 07:39 - 19:27 11:48-4 m.36°	29 272 - 93 07:41 - 19:25 11:44-4 m.35°	30 273 - 92 07:43 - 19:23 11:40-4 m.35°	

October 2017



Noordwijk
4.26°E, 52.14°N



Duration of the day, for October 21

Sunrise and Sunset at Noordwijk (TL ± 1 mn)

Time change October 29

Duration of the day - Variation - Sun maximal elevation (°)

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

39

40

41

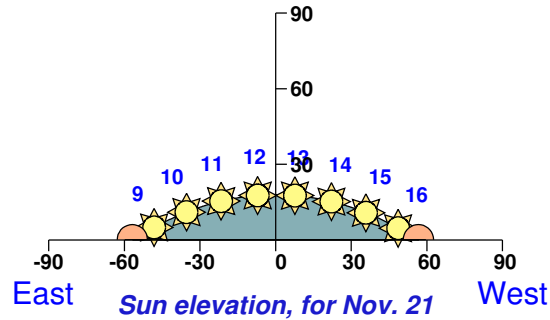
42

43

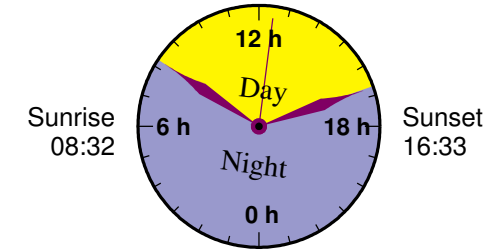
44

2 275 - 90 07:46 - 19:18 11:32 -4 m. 34°	3 276 - 89 07:48 - 19:16 11:28 -4 m. 34°	4 277 - 88 07:49 - 19:13 11:24 -4 m. 33°	5 278 - 87 07:51 - 19:11 11:20 -4 m. 33°	6 279 - 86 07:53 - 19:09 11:16 -4 m. 33°	7 280 - 85 07:54 - 19:06 11:12 -4 m. 32°	8 281 - 84 07:56 - 19:04 11:08 -4 m. 32°
9 282 - 83 07:58 - 19:02 11:04 -4 m. 31°	10 283 - 82 08:00 - 19:00 11:00 -4 m. 31°	11 284 - 81 08:01 - 18:57 10:56 -4 m. 31°	12 285 - 80 08:03 - 18:55 10:52 -4 m. 30°	13 286 - 79 08:05 - 18:53 10:48 -4 m. 30°	14 287 - 78 08:06 - 18:51 10:45 -3 m. 30°	15 288 - 77 08:08 - 18:49 10:40 -5 m. 29°
16 289 - 76 08:10 - 18:46 10:37 -3 m. 29°	17 290 - 75 08:12 - 18:44 10:33 -4 m. 28°	18 291 - 74 08:13 - 18:42 10:29 -4 m. 28°	19 292 - 73 08:15 - 18:40 10:25 -4 m. 28°	20 293 - 72 08:17 - 18:38 10:21 -4 m. 27°	21 294 - 71 08:19 - 18:36 10:17 -4 m. 27°	22 295 - 70 08:21 - 18:34 10:13 -4 m. 27°
23 296 - 69 08:22 - 18:32 10:09 -4 m. 26°	24 297 - 68 08:24 - 18:30 10:06 -3 m. 26°	25 298 - 67 08:26 - 18:28 10:02 -4 m. 26°	26 299 - 66 08:28 - 18:26 9:57 -5 m. 25°	27 300 - 65 08:30 - 18:24 9:54 -3 m. 25°	28 301 - 64 08:31 - 18:22 9:50 -4 m. 25°	29 302 - 63 07:33 - 17:20 9:46 -4 m. 24°
30 303 - 62 07:35 - 17:18 9:43 -3 m. 24°	31 304 - 61 07:37 - 17:16 9:39 -4 m. 24°					

November 2017



Noordwijk
4.26°E, 52.14°N



Duration of the day, for November 21

Sunrise and Sunset at Noordwijk (TL $\pm$ 1 mn)

Duration of the day - Variation - Sun maximal elevation (°)

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

44

1 305 - 60
07:39 - 17:14

9:35 -4 m. 23°

2 306 - 59
07:40 - 17:12

9:31 -4 m. 23°

3 307 - 58
07:42 - 17:10

9:28 -3 m. 23°

4 308 - 57
07:44 - 17:09

9:24 -4 m. 22°

5 309 - 56
07:46 - 17:07

9:21 -3 m. 22°

45

6 310 - 55
07:48 - 17:05

9:17 -4 m. 22°

7 311 - 54
07:49 - 17:04

9:14 -3 m. 21°

8 312 - 53
07:51 - 17:02

9:10 -4 m. 21°

9 313 - 52
07:53 - 17:00

9:07 -3 m. 21°

10 314 - 51
07:55 - 16:59

9:04 -3 m. 21°

11 315 - 50
07:57 - 16:57

9:00 -4 m. 20°

12 316 - 49
07:58 - 16:56

8:57 -3 m. 20°

46

13 317 - 48
08:00 - 16:54

8:54 -3 m. 20°

14 318 - 47
08:02 - 16:53

8:50 -4 m. 20°

15 319 - 46
08:04 - 16:51

8:47 -3 m. 19°

16 320 - 45
08:05 - 16:50

8:44 -3 m. 19°

17 321 - 44
08:07 - 16:49

8:41 -3 m. 19°

18 322 - 43
08:09 - 16:47

8:38 -3 m. 19°

19 323 - 42
08:11 - 16:46

8:35 -3 m. 18°

47

20 324 - 41
08:12 - 16:45

8:32 -3 m. 18°

21 325 - 40
08:14 - 16:44

8:29 -3 m. 18°

22 326 - 39
08:16 - 16:42

8:26 -3 m. 18°

23 327 - 38
08:17 - 16:41

8:24 -2 m. 17°

24 328 - 37
08:19 - 16:40

8:21 -3 m. 17°

25 329 - 36
08:20 - 16:39

8:19 -2 m. 17°

26 330 - 35
08:22 - 16:38

8:16 -3 m. 17°

48

27 331 - 34
08:24 - 16:38

8:14 -2 m. 17°

28 332 - 33
08:25 - 16:37

8:11 -3 m. 17°

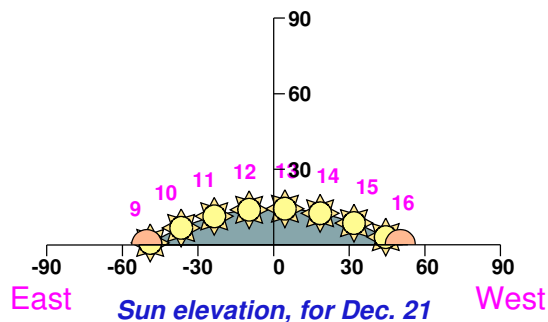
29 333 - 32
08:27 - 16:36

8:09 -2 m. 16°

30 334 - 31
08:28 - 16:35

8:07 -2 m. 16°

December 2017



Noordwijk

4.26°E, 52.14°N



Duration of the day, for December 21

Sunrise and Sunset at Noordwijk (TL ± 1 mn)

Duration of the day - Variation - Sun maximal elevation (°)

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

48

49

50

51

52

4 338 - 27 08:34 - 16:33 7:59 -2 m. 16°		5 339 - 26 08:35 - 16:32 7:57 -2 m. 15°		6 340 - 25 08:36 - 16:32 7:55 -2 m. 15°		7 341 - 24 08:37 - 16:32 7:54 -1 m. 15°		8 342 - 23 08:39 - 16:31 7:52 -2 m. 15°		9 343 - 22 08:40 - 16:31 7:51 -1 m. 15°		10 344 - 21 08:41 - 16:31 7:50 -1 m. 15°	
11 345 - 20 08:42 - 16:31 7:48 -2 m. 15°		12 346 - 19 08:43 - 16:31 7:47 -1 m. 15°		13 347 - 18 08:44 - 16:31 7:46 -1 m. 15°		14 348 - 17 08:45 - 16:31 7:46 +0 m. 15°		15 349 - 16 08:46 - 16:31 7:45 -1 m. 15°		16 350 - 15 08:46 - 16:31 7:44 -1 m. 15°		17 351 - 14 08:47 - 16:31 7:44 +0 m. 15°	
18 352 - 13 08:48 - 16:32 7:43 -1 m. 15°		19 353 - 12 08:49 - 16:32 7:43 +0 m. 15°		20 354 - 11 08:49 - 16:32 7:43 +0 m. 14°		21 355 - 10 08:50 - 16:33 7:43 +0 m. 14°		22 356 - 9 08:50 - 16:33 7:43 +0 m. 14°		23 357 - 8 08:51 - 16:34 7:43 +0 m. 14°		24 358 - 7 08:51 - 16:35 7:43 +0 m. 15°	
25 359 - 6 08:51 - 16:35 7:43 +0 m. 15°		26 360 - 5 08:52 - 16:36 7:44 +1 m. 15°		27 361 - 4 08:52 - 16:37 7:45 +1 m. 15°		28 362 - 3 08:52 - 16:38 7:45 +0 m. 15°		29 363 - 2 08:52 - 16:39 7:46 +1 m. 15°		30 364 - 1 08:52 - 16:40 7:47 +1 m. 15°		31 365 - 0 08:52 - 16:41 7:48 +1 m. 15°	