

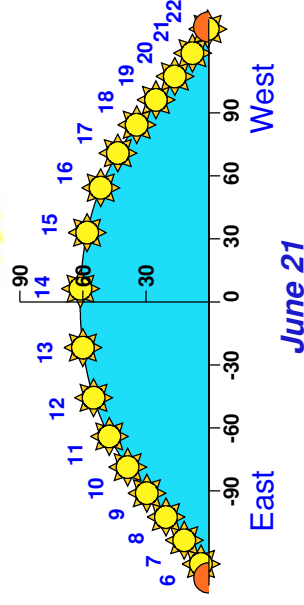
Sun Calendar 2022

Produced by *ScientiDev*
www.scientidev.fr

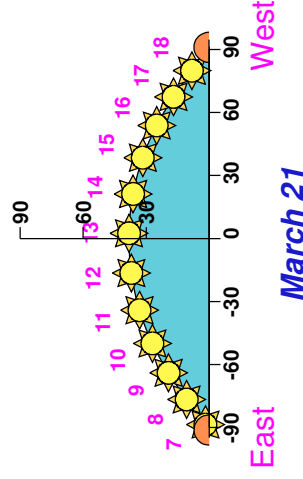
Noordwijk
4.26°E, 52.14°N



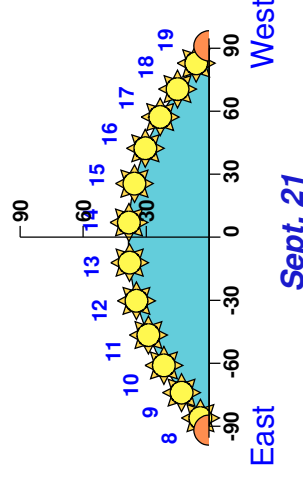
Summer



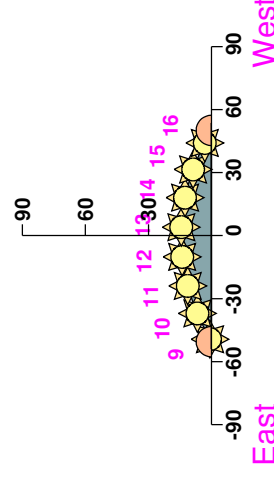
Spring



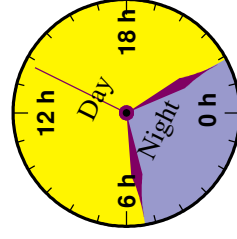
Autumn



Winter



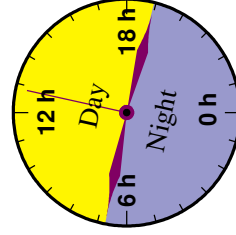
Day duration 16:46



Sunrise 05:22
Sunset 22:08

Summer Solstice

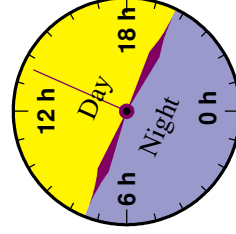
Day duration 12:14



Sunrise 06:44
Sunset 18:58

Spring Equinox

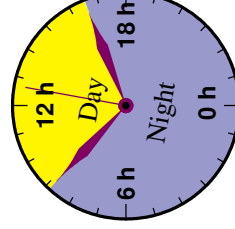
Day duration 12:17



Sunrise 07:27
Sunset 19:44

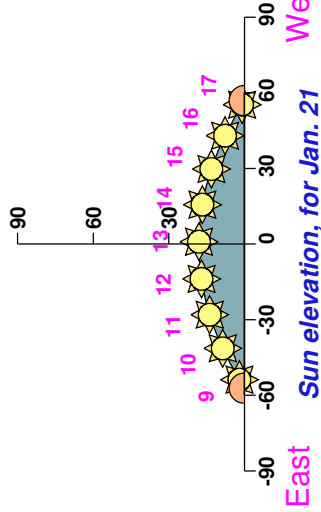
Autumn Equinox

Day duration 7:43

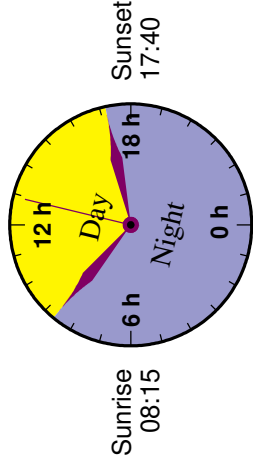


Sunrise 08:50
Sunset 16:33

January 2022



Noordwijk
4.26°E, 52.14°N



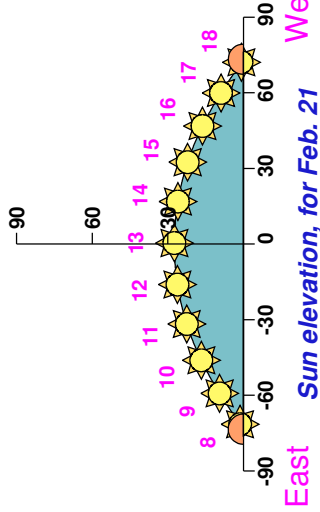
Sun elevation, for Jan. 21

Duration of the day, for January 21

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

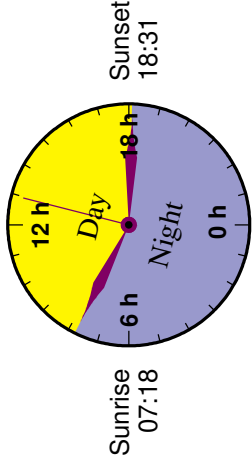
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
1	3 08:52 - 16:44 15°	4 08:51 - 16:45 15°	5 08:51 - 16:46 15°	6 08:51 - 16:48 15°	7 08:50 - 16:49 16°	8 08:50 - 16:50 16°	9 08:49 - 16:52 16°
2	10 08:49 - 16:53 16°	11 08:48 - 16:54 16°	12 08:47 - 16:56 16°	13 08:47 - 16:57 16°	14 08:46 - 16:59 17°	15 08:45 - 17:01 17°	16 08:44 - 17:02 17°
3	17 08:43 - 17:04 17°	18 08:42 - 17:05 17°	19 08:41 - 17:07 18°	20 08:40 - 17:09 18°	21 08:39 - 17:11 18°	22 08:38 - 17:12 18°	23 08:36 - 17:14 19°
4	24 08:35 - 17:16 19°	25 08:34 - 17:18 19°	26 08:32 - 17:19 19°	27 08:31 - 17:21 20°	28 08:30 - 17:23 20°	29 08:28 - 17:25 20°	30 08:27 - 17:27 20°
5	31 08:25 - 17:29 21°						

February 2022



Noordwijk

4.26°E, 52.14°N

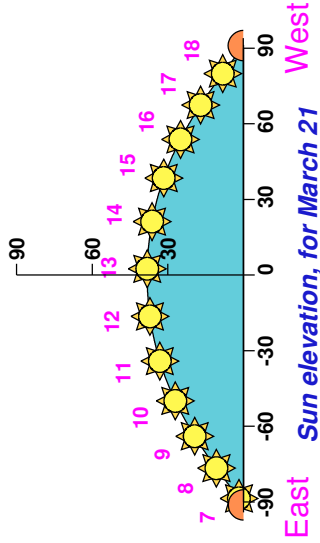


Duration of the day, for February 21

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

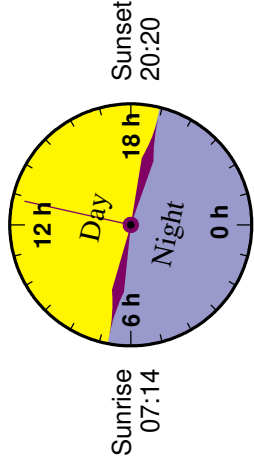
Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
7 38 - 327 08:14 - 17:42 23°	1 32 - 333 08:24 - 17:30 21°	2 33 - 332 08:22 - 17:32 21°	3 34 - 331 08:20 - 17:34 21°	4 35 - 330 08:19 - 17:36 22°	5 36 - 329 08:17 - 17:38 22°	6 37 - 328 08:15 - 17:40 22°
14 45 - 320 08:01 - 17:55 25°	8 39 - 326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

March 2022



Noordwijk

4.26°E, 52.14°N



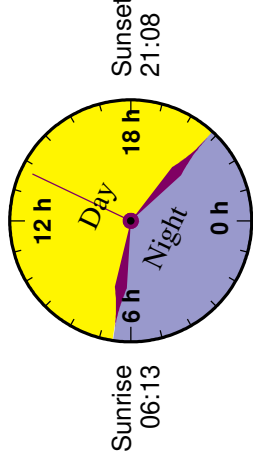
Duration of the day, for March 21

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

Time change March 27

Monday Tuesday Wednesday Thursday Friday Saturday Sunday

7 66 - 299 07:16 - 18:33 33°	1 60 - 305 07:29 - 18:22 30°	2 61 - 304 07:27 - 18:24 31°	3 62 - 303 07:25 - 18:26 31°	4 63 - 302 07:23 - 18:28 32°	5 64 - 301 07:20 - 18:30 32°	6 65 - 300 07:18 - 18:31 32°
14 73 - 292 07:00 - 18:46 35°	8 67 - 298 07:14 - 18:35 33°	9 68 - 297 07:11 - 18:37 33°	10 69 - 296 07:09 - 18:39 34°	11 70 - 295 07:07 - 18:40 34°	12 71 - 294 07:05 - 18:42 35°	13 72 - 293 07:02 - 18:44 35°
21 80 - 285 06:44 - 18:58 38°	15 74 - 291 06:58 - 18:47 36°	16 75 - 290 06:55 - 18:49 36°	17 76 - 289 06:53 - 18:51 37°	18 77 - 288 06:51 - 18:53 37°	19 78 - 287 06:48 - 18:54 37°	20 79 - 286 06:46 - 18:56 38°
28 87 - 278 07:27 - 20:10 41°	22 81 - 284 06:41 - 19:00 39°	23 82 - 283 06:39 - 19:01 39°	24 83 - 282 06:37 - 19:03 39°	25 84 - 281 06:34 - 19:05 40°	26 85 - 280 06:32 - 19:07 40°	27 86 - 279 07:30 - 20:08 41°



East

Sun elevation, for April 21

West

Sunrise and Sunset at Noordwijk (TL $\pm$ 1 mn) and sun maximal elevation ($^{\circ}$)13

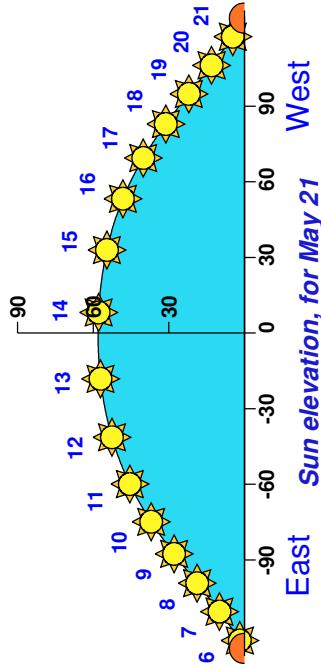
14

15

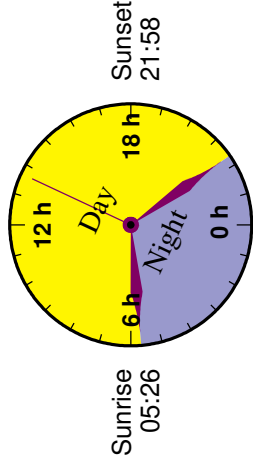
16

17

May 2022



Noordwijk
4.26°E, 52.14°N

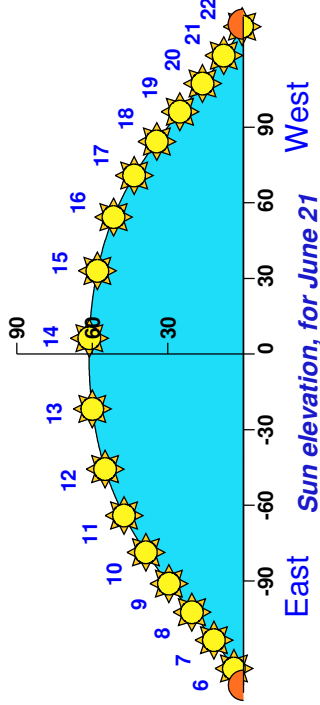


Duration of the day, for May 21

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

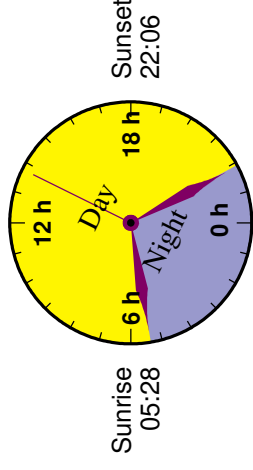
		Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
17	2	<i>122 - 243</i> 06:11 - 21:10 53°	<i>123 - 242</i> 06:09 - 21:12 54°	<i>124 - 241</i> 06:08 - 21:13 54°	<i>125 - 240</i> 06:06 - 21:15 54°	<i>126 - 239</i> 06:04 - 21:17 54°	<i>127 - 238</i> 06:02 - 21:18 55°	<i>121 - 244</i> 06:13 - 21:08 53°
18	9	<i>129 - 236</i> 05:59 - 21:22 55°	<i>130 - 235</i> 05:57 - 21:23 56°	<i>131 - 234</i> 05:55 - 21:25 56°	<i>132 - 233</i> 05:54 - 21:26 56°	<i>133 - 232</i> 05:52 - 21:28 56°	<i>134 - 231</i> 05:50 - 21:30 57°	<i>128 - 237</i> 06:00 - 21:20 55°
19	16	<i>136 - 229</i> 05:47 - 21:33 57°	<i>137 - 228</i> 05:46 - 21:34 57°	<i>138 - 227</i> 05:44 - 21:36 57°	<i>139 - 226</i> 05:43 - 21:37 58°	<i>140 - 225</i> 05:42 - 21:39 58°	<i>141 - 224</i> 05:40 - 21:40 58°	<i>135 - 230</i> 05:49 - 21:31 57°
20	23	<i>143 - 222</i> 05:38 - 21:43 58°	<i>144 - 221</i> 05:37 - 21:44 59°	<i>145 - 220</i> 05:35 - 21:46 59°	<i>146 - 219</i> 05:34 - 21:47 59°	<i>147 - 218</i> 05:33 - 21:48 59°	<i>148 - 217</i> 05:32 - 21:49 59°	<i>142 - 223</i> 05:39 - 21:41 58°
21	30	<i>150 - 215</i> 05:30 - 21:52 60°	<i>151 - 214</i> 05:29 - 21:53 60°					<i>149 - 216</i> 05:31 - 21:51 60°

June 2022



Noordwijk

4.26°E, 52.14°N

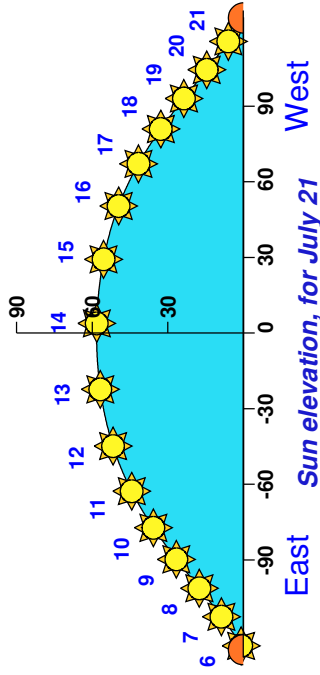


Duration of the day, for June 21

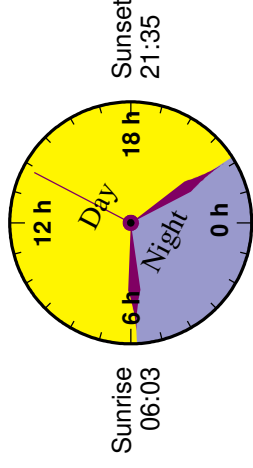
Sunrise and Sunset at Noordwijk (TL $\pm$ 1 mn) and sun maximal elevation (°)

Monday		Tuesday		Wednesday		Thursday		Friday		Saturday		Sunday	
6	157 - 208 05:25 - 21:59 61°	7	158 - 207 05:24 - 22:00 61°	8	159 - 206 05:24 - 22:01 61°	9	160 - 205 05:23 - 22:02 61°	10	161 - 204 05:23 - 22:03 61°	11	162 - 203 05:23 - 22:03 61°	12	163 - 202 05:22 - 22:04 61°
13	164 - 201 05:22 - 22:05 61°	14	165 - 200 05:22 - 22:05 61°	15	166 - 199 05:22 - 22:06 61°	16	167 - 198 05:22 - 22:06 61°	17	168 - 197 05:22 - 22:07 61°	18	169 - 196 05:22 - 22:07 61°	19	170 - 195 05:22 - 22:07 61°
20	171 - 194 05:22 - 22:08 61°	21	172 - 193 05:22 - 22:08 61°	22	173 - 192 05:22 - 22:08 61°	23	174 - 191 05:23 - 22:08 61°	24	175 - 190 05:23 - 22:08 61°	25	176 - 189 05:23 - 22:08 61°	26	177 - 188 05:24 - 22:08 61°
27	178 - 187 05:24 - 22:08 61°	28	179 - 186 05:25 - 22:08 61°	29	180 - 185 05:25 - 22:08 61°	30	181 - 184 05:26 - 22:07 61°						

July 2022



Noordwijk
4.26°E, 52.14°N



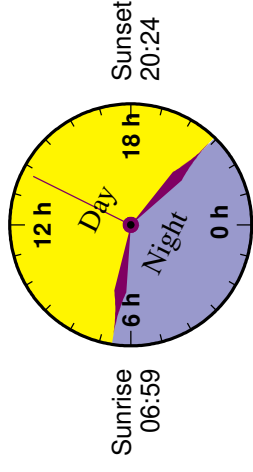
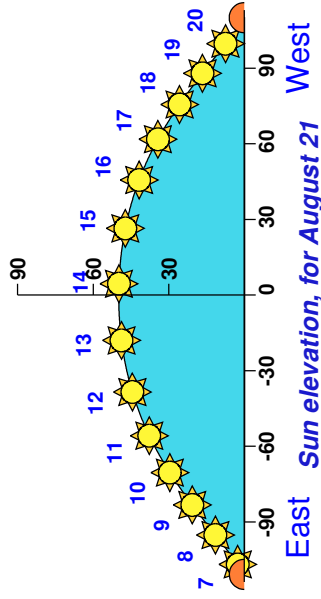
Sun elevation, for July 21

Duration of the day, for July 21

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

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
26	27	28	29	30		
4 185 - 180 05:29 - 22:06 61°	5 186 - 179 05:30 - 22:05 61°	6 187 - 178 05:31 - 22:05 61°	7 188 - 177 05:32 - 22:04 60°	1 182 - 183 05:27 - 22:07 61°	2 183 - 182 05:27 - 22:07 61°	3 184 - 181 05:28 - 22:06 61°
11 192 - 173 05:36 - 22:01 60°	12 193 - 172 05:37 - 22:00 60°	13 194 - 171 05:38 - 21:59 60°	14 195 - 170 05:39 - 21:58 60°	8 189 - 176 05:33 - 22:03 60°	9 190 - 175 05:34 - 22:03 60°	10 191 - 174 05:35 - 22:02 60°
18 199 - 166 05:44 - 21:54 59°	19 200 - 165 05:45 - 21:53 59°	20 201 - 164 05:47 - 21:51 58°	21 202 - 163 05:48 - 21:50 58°	15 196 - 169 05:40 - 21:57 59°	16 197 - 168 05:41 - 21:56 59°	17 198 - 167 05:43 - 21:55 59°
25 206 - 159 05:54 - 21:45 57°	26 207 - 158 05:55 - 21:43 57°	27 208 - 157 05:57 - 21:42 57°	28 209 - 156 05:58 - 21:40 57°	22 203 - 162 05:49 - 21:49 58°	23 204 - 161 05:51 - 21:48 58°	24 205 - 160 05:52 - 21:46 58°
				29 210 - 155 06:00 - 21:39 57°	30 211 - 154 06:01 - 21:37 56°	31 212 - 153 06:03 - 21:35 56°

August 2022



Sun elevation, for August 21

Duration of the day, for August 21

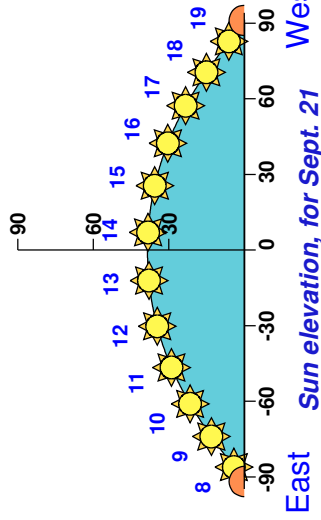
Sunrise and Sunset at Noordwijk (TL ± 1 mn) and sun maximal elevation (°)

Noordwijk

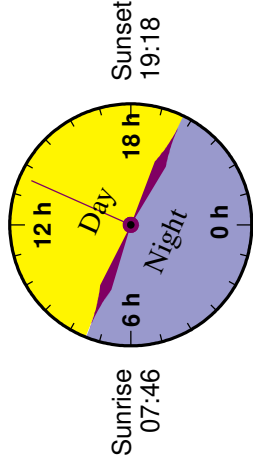
4.26°E, 52.14°N

Monday		Tuesday		Wednesday		Thursday		Friday		Saturday		Sunday	
1	213 - 152 06:04 - 21:34 56°	2	214 - 151 06:06 - 21:32 56°	3	215 - 150 06:07 - 21:30 55°	4	216 - 149 06:09 - 21:29 55°	5	217 - 148 06:10 - 21:27 55°	6	218 - 147 06:12 - 21:25 54°	7	219 - 146 06:14 - 21:23 54°
8	220 - 145 06:15 - 21:21 54°	9	221 - 144 06:17 - 21:19 54°	10	222 - 143 06:18 - 21:17 53°	11	223 - 142 06:20 - 21:16 53°	12	224 - 141 06:22 - 21:14 53°	13	225 - 140 06:23 - 21:12 52°	14	226 - 139 06:25 - 21:10 52°
15	227 - 138 06:27 - 21:08 52°	16	228 - 137 06:28 - 21:06 52°	17	229 - 136 06:30 - 21:03 51°	18	230 - 135 06:31 - 21:01 51°	19	231 - 134 06:33 - 20:59 51°	20	232 - 133 06:35 - 20:57 50°	21	233 - 132 06:36 - 20:55 50°
22	234 - 131 06:38 - 20:53 50°	23	235 - 130 06:40 - 20:51 49°	24	236 - 129 06:41 - 20:49 49°	25	237 - 128 06:43 - 20:46 49°	26	238 - 127 06:45 - 20:44 48°	27	239 - 126 06:46 - 20:42 48°	28	240 - 125 06:48 - 20:40 47°
29	241 - 124 06:50 - 20:38 47°	30	242 - 123 06:51 - 20:35 47°	31	243 - 122 06:53 - 20:33 46°								

September 2022



Noordwijk
4.26°E, 52.14°N



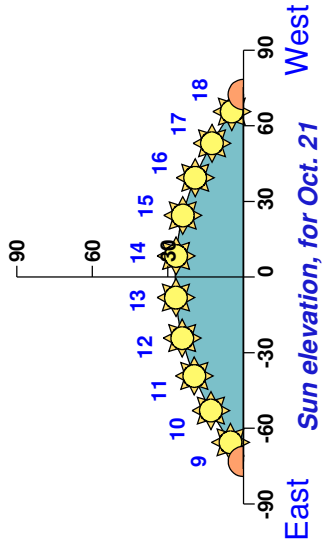
Sun elevation, for Sept. 21

Duration of the day, for September 21

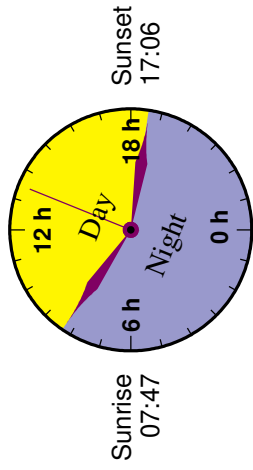
Sunrise and Sunset at Noordwijk (TL ± 1 mn) and sun maximal elevation (°)

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
5 248 - 117 07:01 - 20:22 45°	6 249 - 116 07:03 - 20:19 44°	7 250 - 115 07:04 - 20:17 44°	1 244 - 121 06:54 - 20:31 46°	2 245 - 120 06:56 - 20:28 46°	3 246 - 119 06:58 - 20:26 45°	4 247 - 118 06:59 - 20:24 45°
12 255 - 110 07:12 - 20:05 42°	13 256 - 109 07:14 - 20:03 42°	14 257 - 108 07:16 - 20:01 41°	8 251 - 114 07:06 - 20:15 43°	9 252 - 113 07:08 - 20:12 43°	10 253 - 112 07:09 - 20:10 43°	11 254 - 111 07:11 - 20:08 42°
19 262 - 103 07:24 - 19:49 39°	20 263 - 102 07:26 - 19:47 39°	21 264 - 101 07:27 - 19:44 38°	15 258 - 107 07:17 - 19:58 41°	16 259 - 106 07:19 - 19:56 40°	17 260 - 105 07:21 - 19:54 40°	18 261 - 104 07:22 - 19:51 40°
26 269 - 96 07:36 - 19:32 37°	27 270 - 95 07:37 - 19:30 36°	28 271 - 94 07:39 - 19:28 36°	22 265 - 100 07:29 - 19:42 38°	23 266 - 99 07:31 - 19:39 38°	24 267 - 98 07:32 - 19:37 37°	25 268 - 97 07:34 - 19:35 37°

October 2022



Noordwijk
4.26°E, 52.14°N



Duration of the day, for October 21

Sunrise and Sunset at Noordwijk (TL ± 1 mn) and sun maximal elevation (°)

Time change October 30

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
3 07:47 - 19:16 34°	4 07:49 - 19:14 33°	5 07:51 - 19:12 33°	6 07:52 - 19:09 33°	7 07:54 - 19:07 32°	1 07:44 - 19:21 35°	2 07:46 - 19:18 34°
10 07:59 - 19:00 31°	11 08:01 - 18:58 31°	12 08:03 - 18:56 30°	13 08:04 - 18:54 30°	14 08:06 - 18:51 30°	8 07:56 - 19:05 32°	9 07:57 - 19:02 32°
17 08:11 - 18:45 29°	18 08:13 - 18:43 28°	19 08:15 - 18:41 28°	20 08:17 - 18:38 27°	21 08:18 - 18:36 27°	15 08:08 - 18:49 29°	16 08:10 - 18:47 29°
24 08:24 - 18:30 26°	25 08:26 - 18:28 26°	26 08:27 - 18:26 25°	27 08:29 - 18:24 25°	28 08:31 - 18:22 25°	22 08:20 - 18:34 27°	23 08:22 - 18:32 26°
31 07:36 - 17:16 24°					29 08:33 - 18:20 24°	30 07:35 - 17:18 24°

39

40

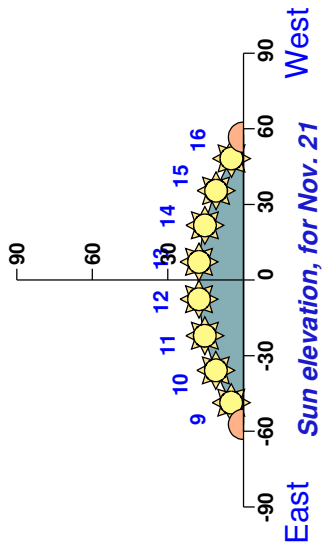
41

42

43

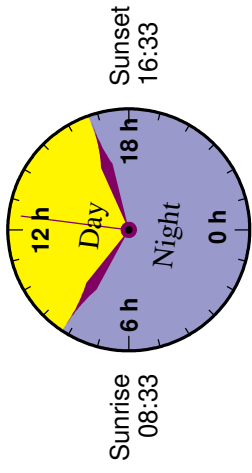
44

November 2022



Noordwijk

4.26°E, 52.14°N



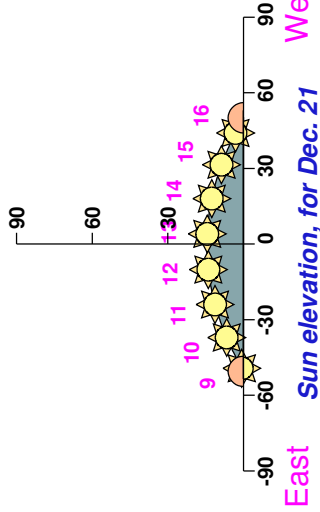
Duration of the day, for November 21

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

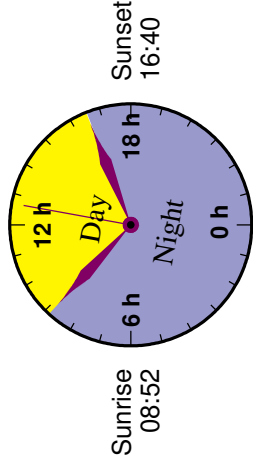
Monday Tuesday Wednesday Thursday Friday Saturday Sunday

7 311 - 54 07:49 - 17:04 22°	1 305 - 60 07:38 - 17:15 23°	2 306 - 59 07:40 - 17:13 23°	3 307 - 58 07:42 - 17:11 23°	4 308 - 57 07:44 - 17:09 22°	5 309 - 56 07:45 - 17:07 22°	6 310 - 55 07:47 - 17:06 22°
14 318 - 47 08:02 - 16:53 20°	8 312 - 53 07:51 - 17:02 21°	9 313 - 52 07:53 - 17:01 21°	10 314 - 51 07:54 - 16:59 21°	11 315 - 50 07:56 - 16:57 20°	12 316 - 49 07:58 - 16:56 20°	13 317 - 48 08:00 - 16:54 20°
21 325 - 40 08:14 - 16:44 18°	15 319 - 46 08:03 - 16:52 19°	16 320 - 45 08:05 - 16:50 19°	17 321 - 44 08:07 - 16:49 19°	18 322 - 43 08:09 - 16:48 19°	19 323 - 42 08:10 - 16:46 18°	20 324 - 41 08:12 - 16:45 18°
28 332 - 33 08:25 - 16:37 17°	22 326 - 39 08:15 - 16:43 18°	23 327 - 38 08:17 - 16:42 18°	24 328 - 37 08:19 - 16:41 17°	25 329 - 36 08:20 - 16:40 17°	26 330 - 35 08:22 - 16:39 17°	27 331 - 34 08:23 - 16:38 17°

December 2022



Noordwijk
4.26°E, 52.14°N



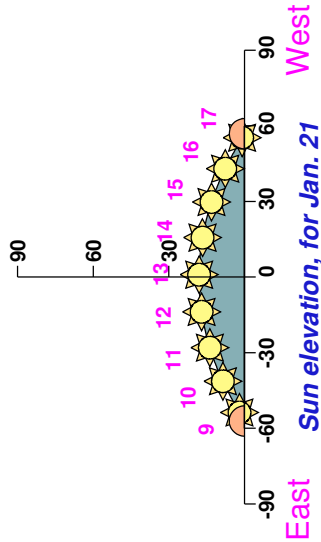
Sun elevation, for Dec. 21

Duration of the day, for December 21

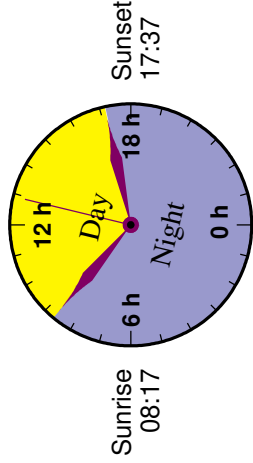
Sunrise and Sunset at Noordwijk (TL ± 1 mn) and sun maximal elevation (°)

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
5 339 - 26 08:35 - 16:32 16°	6 340 - 25 08:36 - 16:32 15°	7 341 - 24 08:37 - 16:32 15°	1 335 - 30 08:29 - 16:35 16°	2 336 - 29 08:31 - 16:34 16°	3 337 - 28 08:32 - 16:33 16°	4 338 - 27 08:33 - 16:33 16°
12 346 - 19 08:43 - 16:31 15°	13 347 - 18 08:44 - 16:31 15°	14 348 - 17 08:45 - 16:31 15°	8 342 - 23 08:38 - 16:31 15°	9 343 - 22 08:40 - 16:31 15°	10 344 - 21 08:41 - 16:31 15°	11 345 - 20 08:42 - 16:31 15°
19 353 - 12 08:48 - 16:32 15°	20 354 - 11 08:49 - 16:32 14°	21 355 - 10 08:50 - 16:33 14°	15 349 - 16 08:45 - 16:31 15°	16 350 - 15 08:46 - 16:31 15°	17 351 - 14 08:47 - 16:31 15°	18 352 - 13 08:48 - 16:32 15°
26 360 - 5 08:52 - 16:36 15°	27 361 - 4 08:52 - 16:37 15°	28 362 - 3 08:52 - 16:37 15°	22 356 - 9 08:50 - 16:33 14°	23 357 - 8 08:51 - 16:34 14°	24 358 - 7 08:51 - 16:34 15°	25 359 - 6 08:51 - 16:35 15°

January 2023



Noordwijk
4.26°E, 52.14°N



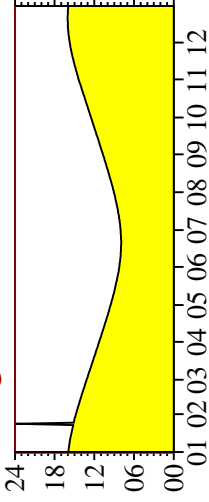
Duration of the day, for January 21

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

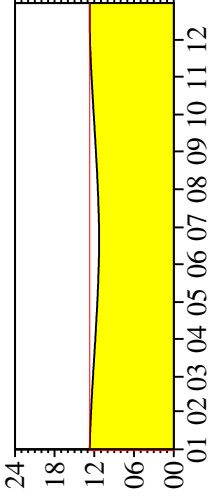
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
1	2 08:52 - 16:42 15°	3 08:52 - 16:44 15°	4 08:51 - 16:45 15°	5 08:51 - 16:46 15°	6 08:51 - 16:47 15°	7 08:50 - 16:49 16°	8 08:50 - 16:50 16°
2	9 08:49 - 16:51 16°	10 08:49 - 16:53 16°	11 08:48 - 16:54 16°	12 08:47 - 16:56 16°	13 08:47 - 16:57 16°	14 08:46 - 16:59 17°	15 08:45 - 17:00 17°
3	16 08:44 - 17:02 17°	17 08:43 - 17:03 17°	18 08:42 - 17:05 17°	19 08:41 - 17:07 18°	20 08:40 - 17:08 18°	21 08:39 - 17:10 18°	22 08:38 - 17:12 18°
4	23 08:37 - 17:14 18°	24 08:35 - 17:15 19°	25 08:34 - 17:17 19°	26 08:33 - 17:19 19°	27 08:31 - 17:21 19°	28 08:30 - 17:23 20°	29 08:29 - 17:24 20°
5	30 08:27 - 17:26 20°	31 08:26 - 17:28 21°					

Day duration for any cities for 2021

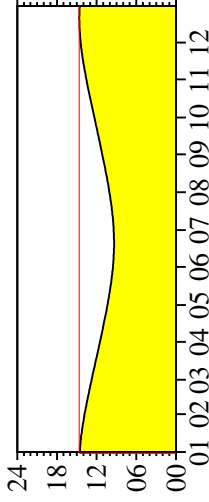
Kerguelen 69.33°E, -49.33°N



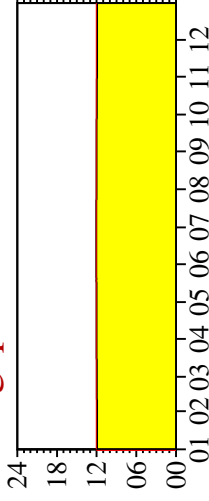
Lima -77.03°E, -12.05°N



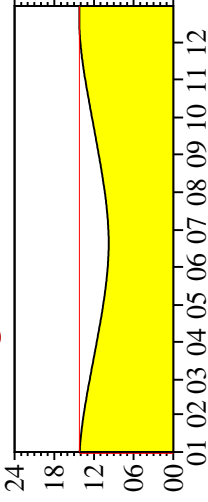
Melbourne 144.97°E, -37.81°N



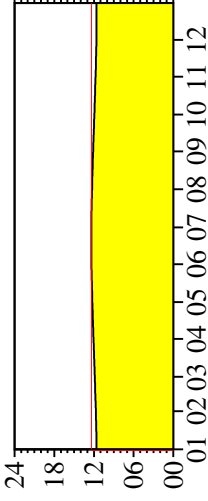
Singapour 103.85°E, 1.03°N



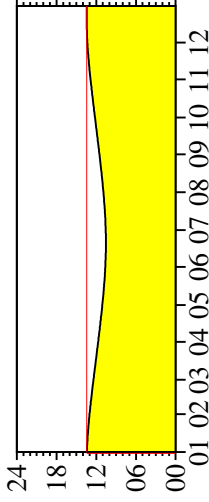
Santiago -70.65°E, -33.43°N



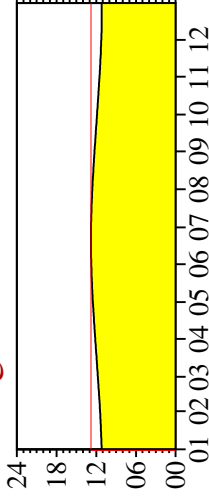
Colombo 79.83°E, 6.92°N



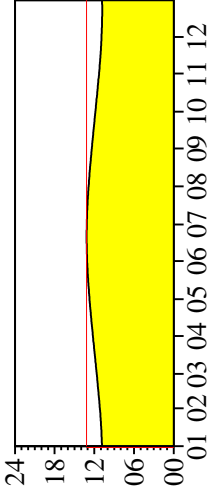
Sao Paulo -46.63°E, -23.55°N



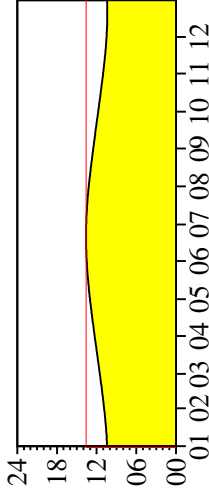
Bangkok 100.49°E, 13.75°N



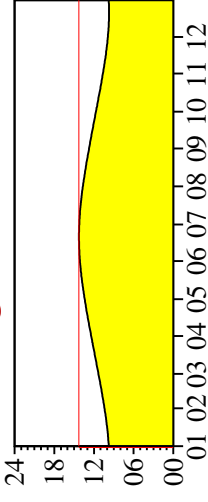
Mexico -99.13°E, 19.43°N



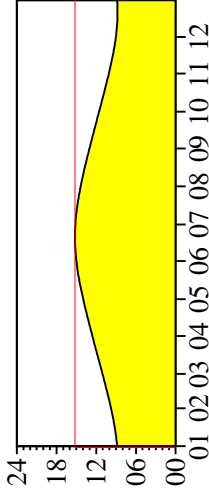
Miami -80.22°E, 25.78°N



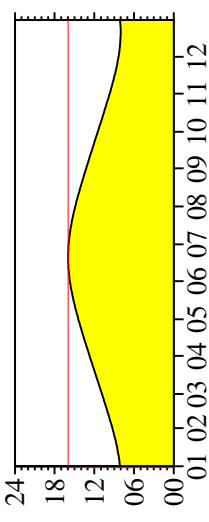
Los Angeles -118.24°E, 34.05°N



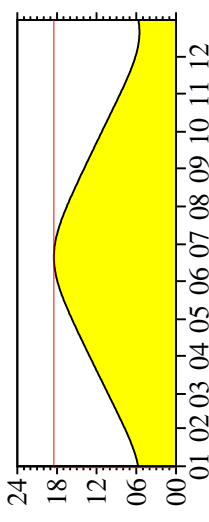
Marseille 5.38°E, 43.3°N



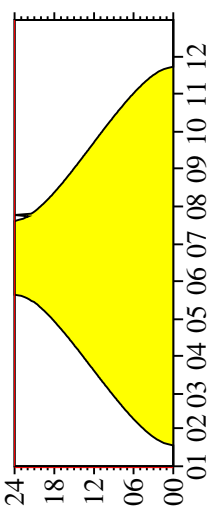
Paris 2.35°E, 48.86°N



Oslo 10.75°E, 59.92°N



Tromso 18.97°E, 69.66°N



Ny Alesund 11.92°E, 78.92°N

