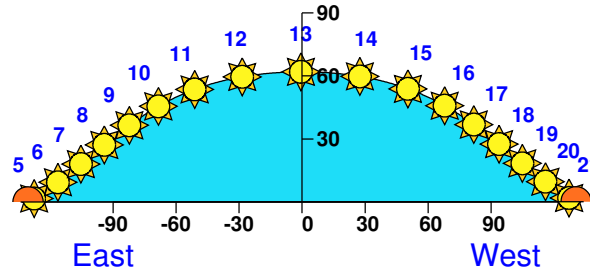


Sun Calendar 2017

Produced by *ScientiDev*
www.scientidev.fr

Londres
0.17°E, 51.5°N

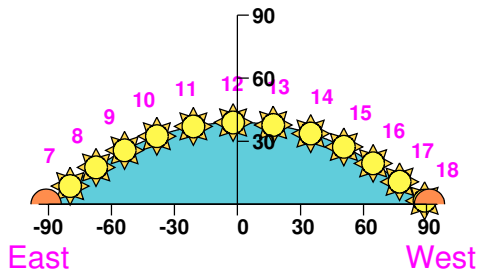
Summer



June 21

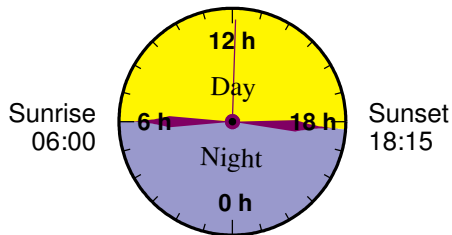


Spring



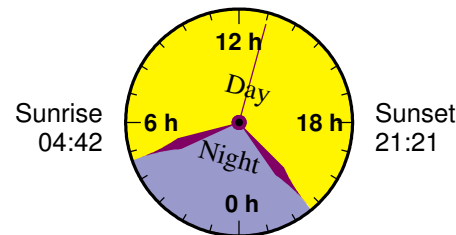
March 21

Day duration 12:15



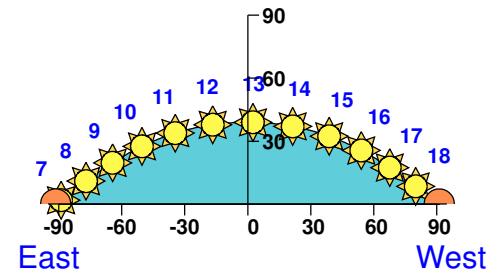
Spring Equinox

Day duration 16:39



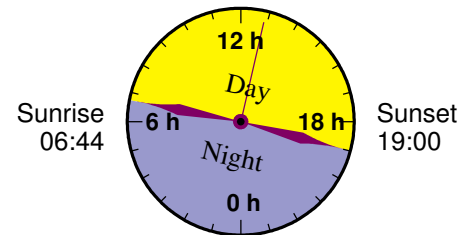
Summer Solstice

Autumn



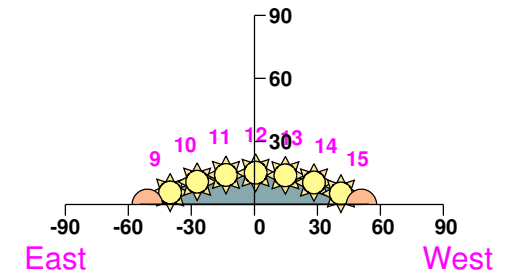
Sept. 21

Day duration 12:16



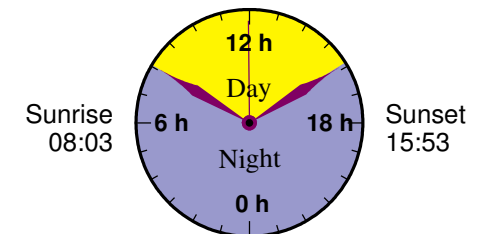
Autumn Equinox

Winter



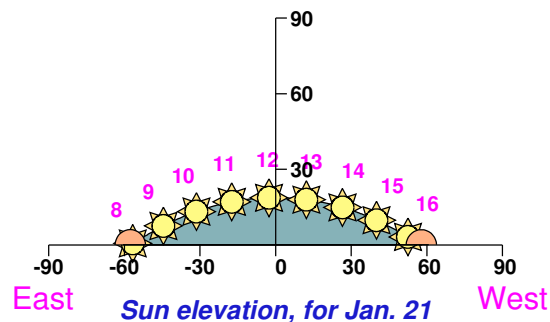
Dec. 21

Day duration 7:49

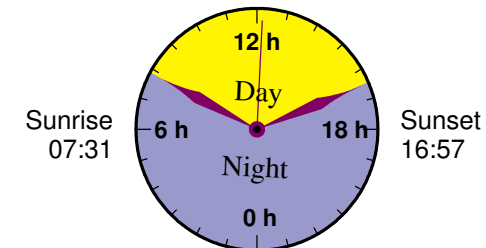


Winter Solstice

January 2017



Londres
0.17°E, 51.5°N



Duration of the day, for January 21

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

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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

1

2

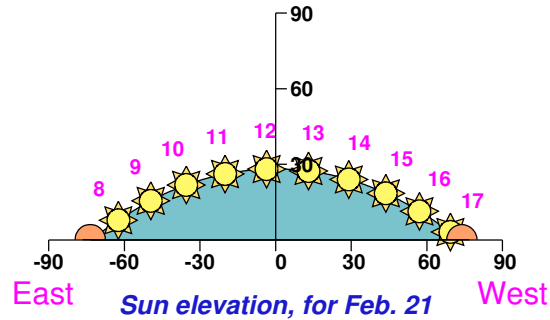
3

4

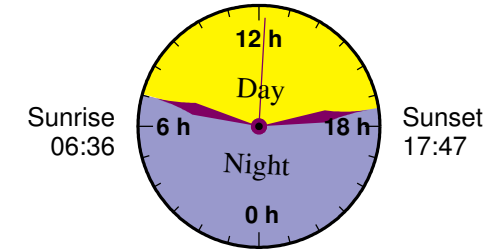
5

22 - 363 08:05 - 16:03 7:57+1 m.16°	33 - 362 08:05 - 16:04 7:58+1 m.16°	44 - 361 08:05 - 16:05 8:00+2 m.16°	55 - 360 08:04 - 16:06 8:01+1 m.16°	66 - 359 08:04 - 16:07 8:03+2 m.16°	77 - 358 08:03 - 16:09 8:05+2 m.16°	88 - 357 08:03 - 16:10 8:07+2 m.16°
99 - 356 08:02 - 16:11 8:08+1 m.17°	1010 - 355 08:02 - 16:13 8:10+2 m.17°	1111 - 354 08:01 - 16:14 8:12+2 m.17°	1212 - 353 08:01 - 16:16 8:15+3 m.17°	1313 - 352 08:00 - 16:17 8:17+2 m.17°	1414 - 351 07:59 - 16:19 8:19+2 m.17°	1515 - 350 07:58 - 16:20 8:21+2 m.18°
1616 - 349 07:57 - 16:22 8:24+3 m.18°	1717 - 348 07:56 - 16:23 8:26+2 m.18°	1818 - 347 07:55 - 16:25 8:29+3 m.18°	1919 - 346 07:54 - 16:27 8:32+3 m.18°	2020 - 345 07:53 - 16:28 8:34+2 m.19°	2121 - 344 07:52 - 16:30 8:37+3 m.19°	2222 - 343 07:51 - 16:32 8:40+3 m.19°
2323 - 342 07:50 - 16:33 8:43+3 m.19°	2424 - 341 07:49 - 16:35 8:46+3 m.19°	2525 - 340 07:47 - 16:37 8:49+3 m.20°	2626 - 339 07:46 - 16:39 8:52+3 m.20°	2727 - 338 07:45 - 16:40 8:55+3 m.20°	2828 - 337 07:43 - 16:42 8:58+3 m.20°	2929 - 336 07:42 - 16:44 9:01+3 m.21°
3030 - 335 07:41 - 16:46 9:05+4 m.21°	3131 - 334 07:39 - 16:47 9:08+3 m.21°					

February 2017



Londres
0.17°E, 51.5°N



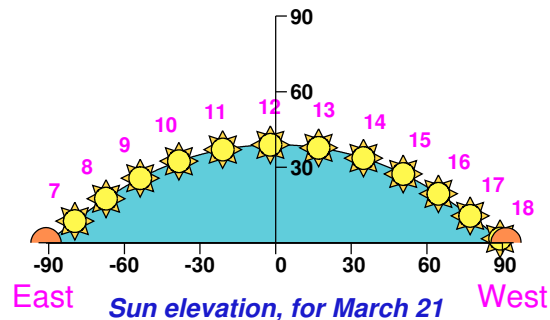
Duration of the day, for February 21

Sunrise and Sunset at Londres (TL ± 1 mn)

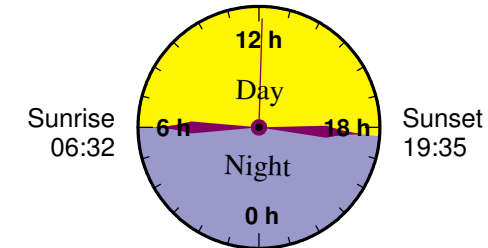
Duration of the day - Variation - Sun maximal elevation (°)

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
5			1 32 - 333 07:38 - 16:49 9:11 +3 m. 22°	2 33 - 332 07:36 - 16:51 9:15 +4 m. 22°	3 34 - 331 07:34 - 16:53 9:18 +3 m. 22°	4 35 - 330 07:33 - 16:55 9:22 +4 m. 22°	5 36 - 329 07:31 - 16:57 9:25 +3 m. 23°
6	6 37 - 328 07:29 - 16:58 9:29 +4 m. 23°	7 38 - 327 07:28 - 17:00 9:32 +3 m. 23°	8 39 - 326 07:26 - 17:02 9:36 +4 m. 24°	9 40 - 325 07:24 - 17:04 9:39 +3 m. 24°	10 41 - 324 07:22 - 17:06 9:43 +4 m. 24°	11 42 - 323 07:21 - 17:08 9:47 +4 m. 25°	12 43 - 322 07:19 - 17:09 9:50 +3 m. 25°
7	13 44 - 321 07:17 - 17:11 9:54 +4 m. 25°	14 45 - 320 07:15 - 17:13 9:58 +4 m. 26°	15 46 - 319 07:13 - 17:15 10:02 +4 m. 26°	16 47 - 318 07:11 - 17:17 10:06 +4 m. 26°	17 48 - 317 07:09 - 17:19 10:09 +3 m. 27°	18 49 - 316 07:07 - 17:20 10:13 +4 m. 27°	19 50 - 315 07:05 - 17:22 10:17 +4 m. 27°
8	20 51 - 314 07:03 - 17:24 10:21 +4 m. 28°	21 52 - 313 07:01 - 17:26 10:25 +4 m. 28°	22 53 - 312 06:59 - 17:28 10:29 +4 m. 29°	23 54 - 311 06:57 - 17:29 10:32 +3 m. 29°	24 55 - 310 06:55 - 17:31 10:36 +4 m. 29°	25 56 - 309 06:53 - 17:33 10:40 +4 m. 30°	26 57 - 308 06:51 - 17:35 10:44 +4 m. 30°
9	27 58 - 307 06:49 - 17:36 10:48 +4 m. 30°	28 59 - 306 06:47 - 17:38 10:52 +4 m. 31°					

March 2017



Londres
0.17°E, 51.5°N



Duration of the day, for March 21

Sunrise and Sunset at Londres (TL ± 1 mn)

Time change March 26

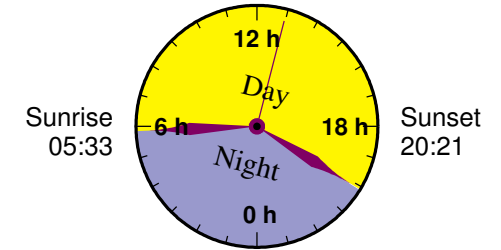
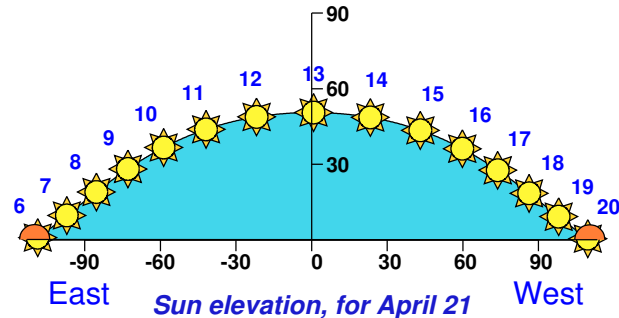
Duration of the day - Variation - Sun maximal elevation (°)

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
9			1 60 - 305 06:44 - 17:40 10:56 +4 m. 31°	2 61 - 304 06:42 - 17:42 11:00 +4 m. 32°	3 62 - 303 06:40 - 17:44 11:04 +4 m. 32°	4 63 - 302 06:38 - 17:45 11:07 +3 m. 32°	5 64 - 301 06:36 - 17:47 11:11 +4 m. 33°
10	6 65 - 300 06:33 - 17:49 11:15 +4 m. 33°	7 66 - 299 06:31 - 17:51 11:19 +4 m. 33°	8 67 - 298 06:29 - 17:52 11:23 +4 m. 34°	9 68 - 297 06:27 - 17:54 11:27 +4 m. 34°	10 69 - 296 06:25 - 17:56 11:31 +4 m. 35°	11 70 - 295 06:22 - 17:57 11:35 +4 m. 35°	12 71 - 294 06:20 - 17:59 11:39 +4 m. 35°
11	13 72 - 293 06:18 - 18:01 11:43 +4 m. 36°	14 73 - 292 06:16 - 18:03 11:47 +4 m. 36°	15 74 - 291 06:13 - 18:04 11:51 +4 m. 37°	16 75 - 290 06:11 - 18:06 11:55 +4 m. 37°	17 76 - 289 06:09 - 18:08 11:59 +4 m. 37°	18 77 - 288 06:07 - 18:09 12:03 +4 m. 38°	19 78 - 287 06:04 - 18:11 12:07 +4 m. 38°
12	20 79 - 286 06:02 - 18:13 12:11 +4 m. 39°	21 80 - 285 06:00 - 18:15 12:15 +4 m. 39°	22 81 - 284 05:57 - 18:16 12:19 +4 m. 39°	23 82 - 283 05:55 - 18:18 12:23 +4 m. 40°	24 83 - 282 05:53 - 18:20 12:27 +4 m. 40°	25 84 - 281 05:51 - 18:21 12:31 +4 m. 41°	26 85 - 280 06:48 - 19:23 12:35 +4 m. 41°
13	27 86 - 279 06:46 - 19:25 12:39 +4 m. 41°	28 87 - 278 06:44 - 19:26 12:43 +4 m. 42°	29 88 - 277 06:41 - 19:28 12:47 +4 m. 42°	30 89 - 276 06:39 - 19:30 12:50 +3 m. 42°	31 90 - 275 06:37 - 19:31 12:55 +5 m. 43°		

April 2017

Londres

0.17°E, 51.5°N



Duration of the day, for April 21

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

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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

13

14

15

16

17

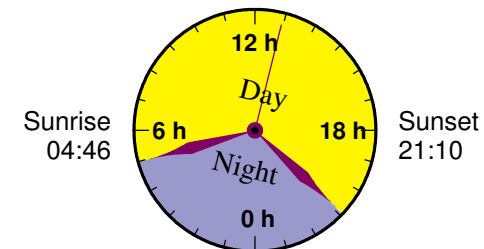
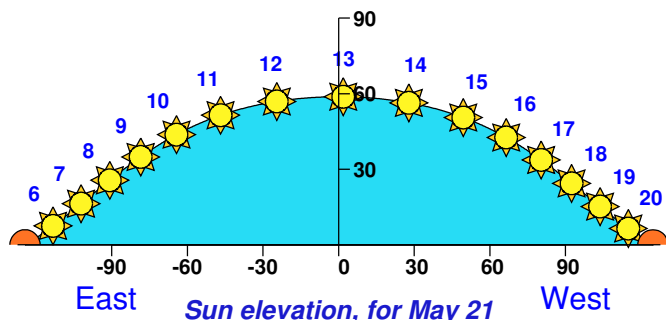
1	2
91 - 274 06:35 - 19:33	92 - 273 06:32 - 19:35
12:59 +4 m. 43°	13:02 +3 m. 44°

3	4	5	6	7	8	9
93 - 272 06:30 - 19:36	94 - 271 06:28 - 19:38	95 - 270 06:26 - 19:40	96 - 269 06:23 - 19:41	97 - 268 06:21 - 19:43	98 - 267 06:19 - 19:45	99 - 266 06:17 - 19:46
13:06 +4 m. 44°	13:10 +4 m. 44°	13:14 +4 m. 45°	13:18 +4 m. 45°	13:22 +4 m. 46°	13:26 +4 m. 46°	13:30 +4 m. 46°
10	11	12	13	14	15	16
100 - 265 06:15 - 19:48	101 - 264 06:12 - 19:50	102 - 263 06:10 - 19:51	103 - 262 06:08 - 19:53	104 - 261 06:06 - 19:55	105 - 260 06:04 - 19:56	106 - 259 06:01 - 19:58
13:34 +4 m. 47°	13:38 +4 m. 47°	13:41 +3 m. 47°	13:45 +4 m. 48°	13:49 +4 m. 48°	13:53 +4 m. 48°	13:57 +4 m. 49°
17	18	19	20	21	22	23
107 - 258 05:59 - 20:00	108 - 257 05:57 - 20:01	109 - 256 05:55 - 20:03	110 - 255 05:53 - 20:05	111 - 254 05:51 - 20:06	112 - 253 05:49 - 20:08	113 - 252 05:47 - 20:10
14:00 +3 m. 49°	14:04 +4 m. 50°	14:08 +4 m. 50°	14:12 +4 m. 50°	14:16 +4 m. 51°	14:19 +3 m. 51°	14:23 +4 m. 51°
24	25	26	27	28	29	30
114 - 251 05:45 - 20:11	115 - 250 05:43 - 20:13	116 - 249 05:41 - 20:15	117 - 248 05:39 - 20:16	118 - 247 05:37 - 20:18	119 - 246 05:35 - 20:20	120 - 245 05:33 - 20:21
14:27 +4 m. 52°	14:30 +3 m. 52°	14:34 +4 m. 52°	14:38 +4 m. 52°	14:41 +3 m. 53°	14:45 +4 m. 53°	14:48 +3 m. 53°

May 2017

Londres

0.17°E, 51.5°N



Duration of the day, for May 21

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

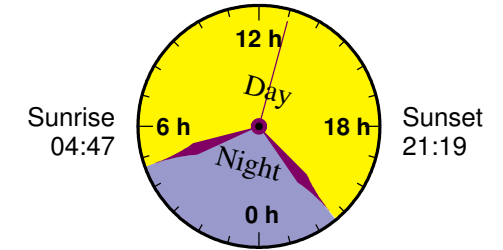
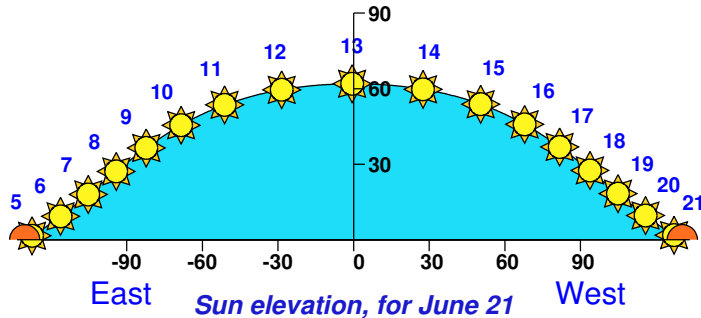
Duration of the day - Variation - Sun maximal elevation (°)

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
18	1 121 - 244 05:31 - 20:23 14:52 +4 m. 54°	2 122 - 243 05:29 - 20:25 14:55 +3 m. 54°	3 123 - 242 05:28 - 20:26 14:59 +4 m. 54°	4 124 - 241 05:26 - 20:28 15:02 +3 m. 55°	5 125 - 240 05:24 - 20:30 15:06 +4 m. 55°	6 126 - 239 05:22 - 20:31 15:09 +3 m. 55°	7 127 - 238 05:20 - 20:33 15:12 +3 m. 55°
19	8 128 - 237 05:19 - 20:34 15:16 +4 m. 56°	9 129 - 236 05:17 - 20:36 15:19 +3 m. 56°	10 130 - 235 05:15 - 20:37 15:22 +3 m. 56°	11 131 - 234 05:14 - 20:39 15:25 +3 m. 57°	12 132 - 233 05:12 - 20:41 15:29 +4 m. 57°	13 133 - 232 05:11 - 20:42 15:32 +3 m. 57°	14 134 - 231 05:09 - 20:44 15:35 +3 m. 57°
20	15 135 - 230 05:08 - 20:45 15:38 +3 m. 57°	16 136 - 229 05:06 - 20:47 15:41 +3 m. 58°	17 137 - 228 05:05 - 20:48 15:44 +3 m. 58°	18 138 - 227 05:03 - 20:50 15:46 +2 m. 58°	19 139 - 226 05:02 - 20:51 15:49 +3 m. 58°	20 140 - 225 05:01 - 20:52 15:52 +3 m. 59°	21 141 - 224 04:59 - 20:54 15:55 +3 m. 59°
21	22 142 - 223 04:58 - 20:55 15:57 +2 m. 59°	23 143 - 222 04:57 - 20:56 16:00 +3 m. 59°	24 144 - 221 04:56 - 20:58 16:02 +2 m. 59°	25 145 - 220 04:55 - 20:59 16:05 +3 m. 60°	26 146 - 219 04:53 - 21:00 16:07 +2 m. 60°	27 147 - 218 04:52 - 21:02 16:09 +2 m. 60°	28 148 - 217 04:51 - 21:03 16:12 +3 m. 60°
22	29 149 - 216 04:51 - 21:04 16:14 +2 m. 60°	30 150 - 215 04:50 - 21:05 16:16 +2 m. 60°	31 151 - 214 04:49 - 21:06 16:18 +2 m. 60°				

June 2017

Londres

0.17°E, 51.5°N



Duration of the day, for June 21

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

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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

22

1 152 - 213 04:48 - 21:07 16:20 +2 m. 61°	2 153 - 212 04:47 - 21:08 16:21 +1 m. 61°	3 154 - 211 04:46 - 21:09 16:23 +2 m. 61°	4 155 - 210 04:46 - 21:10 16:25 +2 m. 61°
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23

5 156 - 209 04:45 - 21:11 16:26 +1 m. 61°	6 157 - 208 04:45 - 21:12 16:28 +2 m. 61°	7 158 - 207 04:44 - 21:13 16:29 +1 m. 61°	8 159 - 206 04:44 - 21:14 16:30 +1 m. 61°	9 160 - 205 04:43 - 21:15 16:32 +2 m. 61°	10 161 - 204 04:43 - 21:16 16:33 +1 m. 62°	11 162 - 203 04:43 - 21:16 16:34 +1 m. 62°
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24

12 163 - 202 04:42 - 21:17 16:35 +1 m. 62°	13 164 - 201 04:42 - 21:17 16:35 +0 m. 62°	14 165 - 200 04:42 - 21:18 16:36 +1 m. 62°	15 166 - 199 04:42 - 21:19 16:37 +1 m. 62°	16 167 - 198 04:42 - 21:19 16:37 +0 m. 62°	17 168 - 197 04:42 - 21:19 16:38 +1 m. 62°	18 169 - 196 04:42 - 21:20 16:38 +0 m. 62°
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25

19 170 - 195 04:42 - 21:20 16:38 +0 m. 62°	20 171 - 194 04:42 - 21:20 16:38 +0 m. 62°	21 172 - 193 04:42 - 21:21 16:39 +1 m. 62°	22 173 - 192 04:42 - 21:21 16:38 -1 m. 62°	23 174 - 191 04:43 - 21:21 16:38 +0 m. 62°	24 175 - 190 04:43 - 21:21 16:38 +0 m. 62°	25 176 - 189 04:43 - 21:21 16:38 +0 m. 62°
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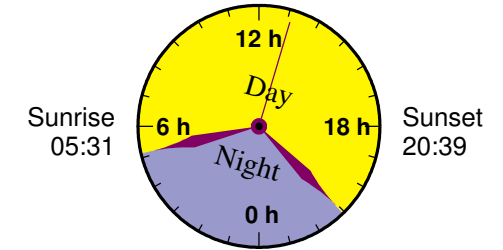
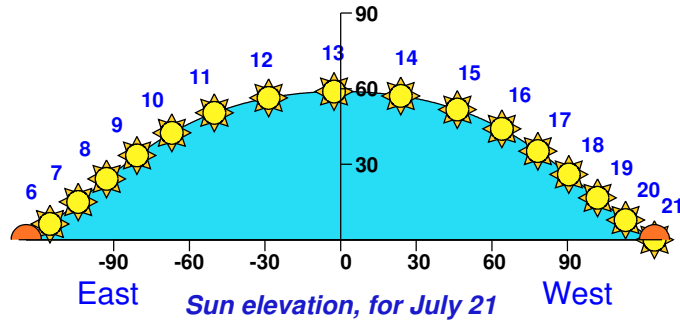
26

26 177 - 188 04:44 - 21:21 16:37 -1 m. 62°	27 178 - 187 04:44 - 21:21 16:37 +0 m. 62°	28 179 - 186 04:45 - 21:21 16:36 -1 m. 62°	29 180 - 185 04:45 - 21:20 16:35 -1 m. 62°	30 181 - 184 04:46 - 21:20 16:34 -1 m. 62°
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July 2017

Londres

0.17°E, 51.5°N



Duration of the day, for July 21

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

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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

26

27

28

29

30

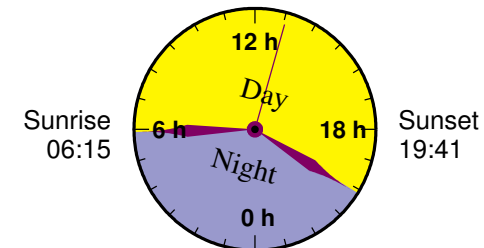
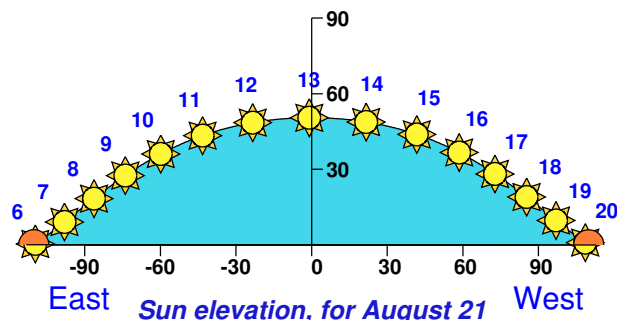
31

3 184 - 181 04:48 - 21:19 16:31-1 m.61°	4 185 - 180 04:49 - 21:19 16:30-1 m.61°	5 186 - 179 04:50 - 21:18 16:28-2 m.61°	6 187 - 178 04:51 - 21:17 16:27-1 m.61°	7 188 - 177 04:52 - 21:17 16:25-2 m.61°	8 189 - 176 04:53 - 21:16 16:24-1 m.61°	9 190 - 175 04:53 - 21:15 16:22-2 m.61°
10 191 - 174 04:55 - 21:15 16:20-2 m.61°	11 192 - 173 04:56 - 21:14 16:18-2 m.61°	12 193 - 172 04:57 - 21:13 16:17-1 m.60°	13 194 - 171 04:58 - 21:12 16:14-3 m.60°	14 195 - 170 04:59 - 21:11 16:12-2 m.60°	15 196 - 169 05:00 - 21:10 16:10-2 m.60°	16 197 - 168 05:01 - 21:09 16:08-2 m.60°
17 198 - 167 05:03 - 21:08 16:06-2 m.60°	18 199 - 166 05:04 - 21:07 16:03-3 m.59°	19 200 - 165 05:05 - 21:06 16:01-2 m.59°	20 201 - 164 05:06 - 21:05 15:58-3 m.59°	21 202 - 163 05:08 - 21:03 15:56-2 m.59°	22 203 - 162 05:09 - 21:02 15:53-3 m.59°	23 204 - 161 05:10 - 21:01 15:50-3 m.58°
24 205 - 160 05:12 - 20:59 15:48-2 m.58°	25 206 - 159 05:13 - 20:58 15:45-3 m.58°	26 207 - 158 05:15 - 20:57 15:42-3 m.58°	27 208 - 157 05:16 - 20:55 15:39-3 m.58°	28 209 - 156 05:17 - 20:54 15:36-3 m.57°	29 210 - 155 05:19 - 20:52 15:33-3 m.57°	30 211 - 154 05:20 - 20:50 15:30-3 m.57°
31 212 - 153 05:22 - 20:49 15:27-3 m.57°						

August 2017

Londres

0.17°E, 51.5°N



Duration of the day, for August 21

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

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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

31

1 213 - 152
05:23 - 20:47

15:24 -3 m. 56°

2 214 - 151
05:25 - 20:46

15:21 -3 m. 56°

3 215 - 150
05:26 - 20:44

15:18 -3 m. 56°

4 216 - 149
05:28 - 20:42

15:14 -4 m. 56°

5 217 - 148
05:29 - 20:40

15:11 -3 m. 55°

6 218 - 147
05:31 - 20:39

15:08 -3 m. 55°

32

7 219 - 146
05:33 - 20:37

15:04 -4 m. 55°

8 220 - 145
05:34 - 20:35

15:01 -3 m. 55°

9 221 - 144
05:36 - 20:33

14:58 -3 m. 54°

10 222 - 143
05:37 - 20:31

14:54 -4 m. 54°

11 223 - 142
05:39 - 20:29

14:51 -3 m. 54°

12 224 - 141
05:40 - 20:28

14:47 -4 m. 53°

13 225 - 140
05:42 - 20:26

14:44 -3 m. 53°

33

14 226 - 139
05:44 - 20:24

14:40 -4 m. 53°

15 227 - 138
05:45 - 20:22

14:37 -3 m. 52°

16 228 - 137
05:47 - 20:20

14:33 -4 m. 52°

17 229 - 136
05:48 - 20:18

14:29 -4 m. 52°

18 230 - 135
05:50 - 20:16

14:26 -3 m. 51°

19 231 - 134
05:52 - 20:14

14:22 -4 m. 51°

20 232 - 133
05:53 - 20:11

14:18 -4 m. 51°

34

21 233 - 132
05:55 - 20:09

14:15 -3 m. 50°

22 234 - 131
05:56 - 20:07

14:11 -4 m. 50°

23 235 - 130
05:58 - 20:05

14:07 -4 m. 50°

24 236 - 129
05:59 - 20:03

14:04 -3 m. 49°

25 237 - 128
06:01 - 20:01

14:00 -4 m. 49°

26 238 - 127
06:03 - 19:59

13:56 -4 m. 49°

27 239 - 126
06:04 - 19:57

13:52 -4 m. 48°

35

28 240 - 125
06:06 - 19:54

13:49 -3 m. 48°

29 241 - 124
06:07 - 19:52

13:45 -4 m. 48°

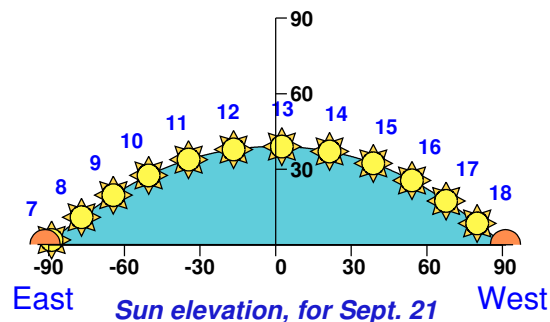
30 242 - 123
06:09 - 19:50

13:41 -4 m. 47°

31 243 - 122
06:11 - 19:48

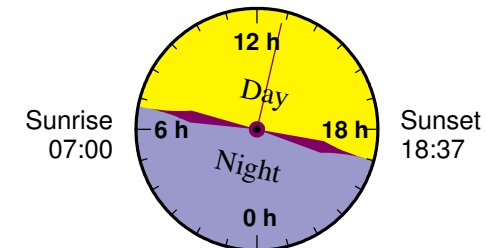
13:37 -4 m. 47°

September 2017



Londres

0.17°E, 51.5°N



Duration of the day, for September 21

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

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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

35

36

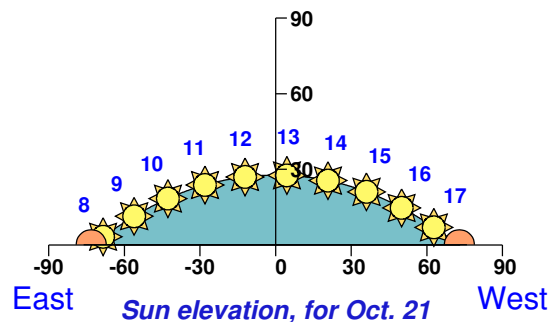
37

38

39

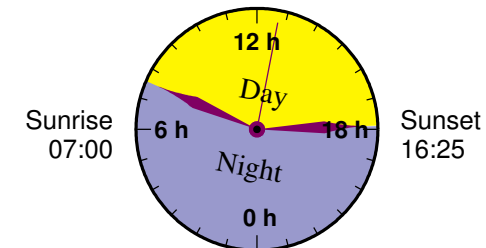
4 247 - 118 06:17 - 19:39 13:22-4 m.46°	5 248 - 117 06:19 - 19:37 13:18-4 m.45°	6 249 - 116 06:20 - 19:34 13:14-4 m.45°	7 250 - 115 06:22 - 19:32 13:10-4 m.44°	8 251 - 114 06:23 - 19:30 13:06-4 m.44°	9 252 - 113 06:25 - 19:27 13:03-3 m.44°	10 253 - 112 06:27 - 19:25 12:59-4 m.43°
11 254 - 111 06:28 - 19:23 12:55-4 m.43°	12 255 - 110 06:30 - 19:21 12:51-4 m.43°	13 256 - 109 06:31 - 19:18 12:47-4 m.42°	14 257 - 108 06:33 - 19:16 12:43-4 m.42°	15 258 - 107 06:35 - 19:14 12:39-4 m.41°	16 259 - 106 06:36 - 19:11 12:35-4 m.41°	17 260 - 105 06:38 - 19:09 12:31-4 m.41°
18 261 - 104 06:39 - 19:07 12:28-3 m.40°	19 262 - 103 06:41 - 19:04 12:24-4 m.40°	20 263 - 102 06:42 - 19:02 12:20-4 m.39°	21 264 - 101 06:44 - 19:00 12:16-4 m.39°	22 265 - 100 06:46 - 18:58 12:12-4 m.39°	23 266 - 99 06:47 - 18:55 12:08-4 m.38°	24 267 - 98 06:49 - 18:53 12:04-4 m.38°
25 268 - 97 06:51 - 18:51 12:00-4 m.37°	26 269 - 96 06:52 - 18:48 11:56-4 m.37°	27 270 - 95 06:54 - 18:46 11:52-4 m.37°	28 271 - 94 06:55 - 18:44 11:48-4 m.36°	29 272 - 93 06:57 - 18:41 11:44-4 m.36°	30 273 - 92 06:59 - 18:39 11:41-3 m.36°	

October 2017



Londres

0.17°E, 51.5°N



Duration of the day, for October 21

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

Time change October 29

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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

39

40

41

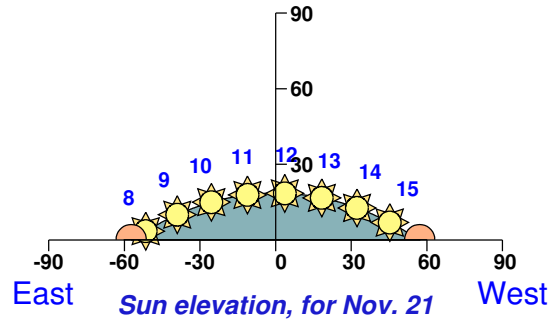
42

43

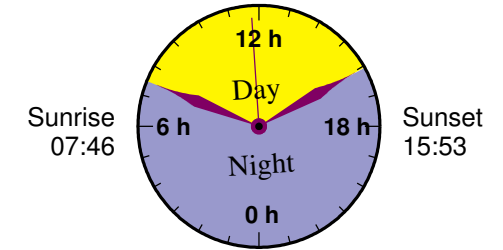
44

2 275 - 90 07:02 - 18:35 11:33 -4 m. 35°	3 276 - 89 07:04 - 18:32 11:29 -4 m. 34°	4 277 - 88 07:05 - 18:30 11:25 -4 m. 34°	5 278 - 87 07:07 - 18:28 11:21 -4 m. 34°	6 279 - 86 07:09 - 18:26 11:17 -4 m. 33°	7 280 - 85 07:10 - 18:23 11:13 -4 m. 33°	8 281 - 84 07:12 - 18:21 11:09 -4 m. 32°
9 282 - 83 07:14 - 18:19 11:05 -4 m. 32°	10 283 - 82 07:15 - 18:17 11:02 -3 m. 32°	11 284 - 81 07:17 - 18:15 10:58 -4 m. 31°	12 285 - 80 07:19 - 18:12 10:54 -4 m. 31°	13 286 - 79 07:20 - 18:10 10:50 -4 m. 31°	14 287 - 78 07:22 - 18:08 10:46 -4 m. 30°	15 288 - 77 07:24 - 18:06 10:42 -4 m. 30°
16 289 - 76 07:25 - 18:04 10:39 -3 m. 29°	17 290 - 75 07:27 - 18:02 10:35 -4 m. 29°	18 291 - 74 07:29 - 18:00 10:31 -4 m. 29°	19 292 - 73 07:30 - 17:58 10:27 -4 m. 28°	20 293 - 72 07:32 - 17:55 10:23 -4 m. 28°	21 294 - 71 07:34 - 17:53 10:20 -3 m. 28°	22 295 - 70 07:36 - 17:51 10:16 -4 m. 27°
23 296 - 69 07:37 - 17:49 10:12 -4 m. 27°	24 297 - 68 07:39 - 17:47 10:08 -4 m. 27°	25 298 - 67 07:41 - 17:45 10:05 -3 m. 26°	26 299 - 66 07:43 - 17:43 10:01 -4 m. 26°	27 300 - 65 07:44 - 17:42 9:57 -4 m. 26°	28 301 - 64 07:46 - 17:40 9:53 -4 m. 25°	29 302 - 63 06:48 - 16:38 9:49 -4 m. 25°
30 303 - 62 06:50 - 16:36 9:46 -3 m. 25°	31 304 - 61 06:51 - 16:34 9:42 -4 m. 24°					

November 2017



Londres
0.17°E, 51.5°N



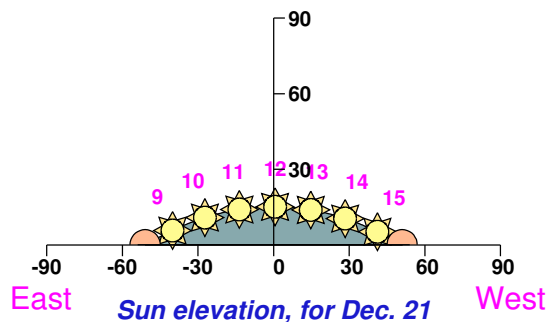
Duration of the day, for November 21

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

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

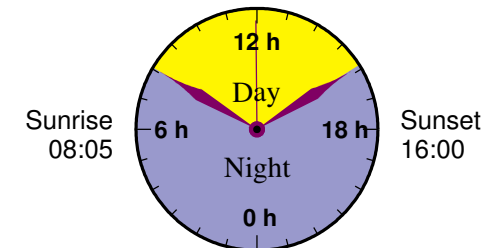
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
44			1 305 - 60 06:53 - 16:32 9:39 -3 m. 24°	2 306 - 59 06:55 - 16:30 9:35 -4 m. 24°	3 307 - 58 06:57 - 16:29 9:32 -3 m. 23°	4 308 - 57 06:58 - 16:27 9:28 -4 m. 23°	5 309 - 56 07:00 - 16:25 9:25 -3 m. 23°
45	6 310 - 55 07:02 - 16:24 9:21 -4 m. 22°	7 311 - 54 07:04 - 16:22 9:18 -3 m. 22°	8 312 - 53 07:06 - 16:20 9:14 -4 m. 22°	9 313 - 52 07:07 - 16:19 9:11 -3 m. 22°	10 314 - 51 07:09 - 16:17 9:08 -3 m. 21°	11 315 - 50 07:11 - 16:16 9:04 -4 m. 21°	12 316 - 49 07:13 - 16:14 9:01 -3 m. 21°
46	13 317 - 48 07:14 - 16:13 8:58 -3 m. 20°	14 318 - 47 07:16 - 16:11 8:55 -3 m. 20°	15 319 - 46 07:18 - 16:10 8:52 -3 m. 20°	16 320 - 45 07:19 - 16:09 8:49 -3 m. 20°	17 321 - 44 07:21 - 16:07 8:46 -3 m. 19°	18 322 - 43 07:23 - 16:06 8:43 -3 m. 19°	19 323 - 42 07:24 - 16:05 8:40 -3 m. 19°
47	20 324 - 41 07:26 - 16:04 8:37 -3 m. 19°	21 325 - 40 07:28 - 16:03 8:34 -3 m. 19°	22 326 - 39 07:29 - 16:01 8:32 -2 m. 18°	23 327 - 38 07:31 - 16:00 8:29 -3 m. 18°	24 328 - 37 07:33 - 15:59 8:26 -3 m. 18°	25 329 - 36 07:34 - 15:59 8:24 -2 m. 18°	26 330 - 35 07:36 - 15:58 8:22 -2 m. 18°
48	27 331 - 34 07:37 - 15:57 8:19 -3 m. 17°	28 332 - 33 07:39 - 15:56 8:17 -2 m. 17°	29 333 - 32 07:40 - 15:55 8:15 -2 m. 17°	30 334 - 31 07:42 - 15:55 8:13 -2 m. 17°			

December 2017



Londres

0.17°E, 51.5°N



Duration of the day, for December 21

Sunrise and Sunset at Londres (TL ± 1 mn)

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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

48

49

50

51

52

48	49	50	51	52	4	338 - 27 07:47 - 15:52	5	339 - 26 07:48 - 15:52	6	340 - 25 07:49 - 15:51	7	341 - 24 07:51 - 15:51	8	342 - 23 07:52 - 15:51	9	343 - 22 07:53 - 15:51	10	344 - 21 07:54 - 15:50
						8:05 -2 m. 16°		8:03 -2 m. 16°		8:02 -1 m. 16°		8:00 -2 m. 16°		7:59 -1 m. 16°		7:57 -2 m. 16°		7:56 -1 m. 16°
					11	345 - 20 07:55 - 15:50	12	346 - 19 07:56 - 15:50	13	347 - 18 07:57 - 15:50	14	348 - 17 07:58 - 15:50	15	349 - 16 07:59 - 15:51	16	350 - 15 08:00 - 15:51	17	351 - 14 08:00 - 15:51
						7:55 -1 m. 16°		7:54 -1 m. 15°		7:53 -1 m. 15°		7:52 -1 m. 15°		7:51 -1 m. 15°		7:51 +0 m. 15°		7:50 -1 m. 15°
					18	352 - 13 08:01 - 15:51	19	353 - 12 08:02 - 15:52	20	354 - 11 08:02 - 15:52	21	355 - 10 08:03 - 15:53	22	356 - 9 08:03 - 15:53	23	357 - 8 08:04 - 15:54	24	358 - 7 08:04 - 15:54
						7:50 +0 m. 15°		7:50 +0 m. 15°		7:49 -1 m. 15°		7:49 +0 m. 15°		7:49 +0 m. 15°		7:49 +0 m. 15°		7:50 +1 m. 15°
					25	359 - 6 08:04 - 15:55	26	360 - 5 08:05 - 15:56	27	361 - 4 08:05 - 15:56	28	362 - 3 08:05 - 15:57	29	363 - 2 08:05 - 15:58	30	364 - 1 08:05 - 15:59	31	365 - 0 08:05 - 16:00
						7:50 +0 m. 15°		7:51 +1 m. 15°		7:51 +0 m. 15°		7:52 +1 m. 15°		7:53 +1 m. 15°		7:53 +0 m. 15°		7:54 +1 m. 15°