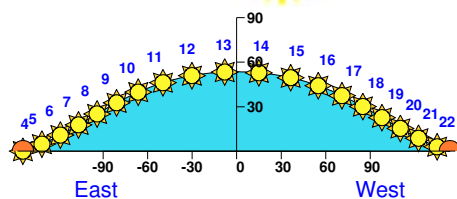


Sun Calendar 2024

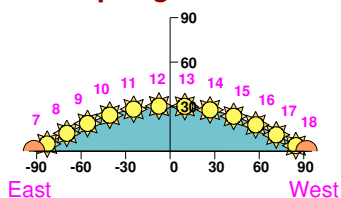
Produced by *ScientiDev*
www.scientidev.fr

Oslo
10.75°E, 59.92°N

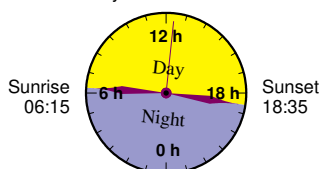
Summer



Spring

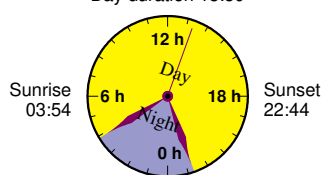


Day duration 12:21



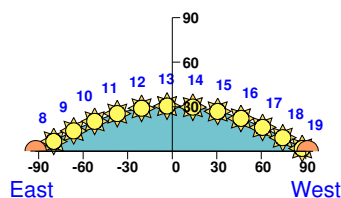
Spring Equinox

Day duration 18:50

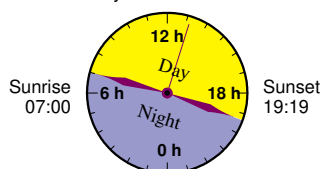


Summer Solstice

Autumn

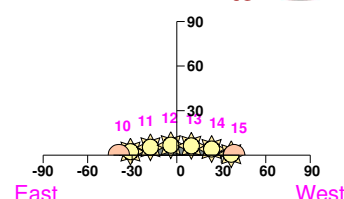


Day duration 12:19

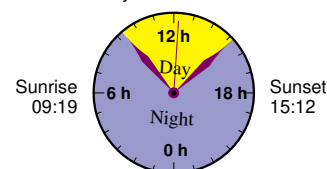


Autumn Equinox

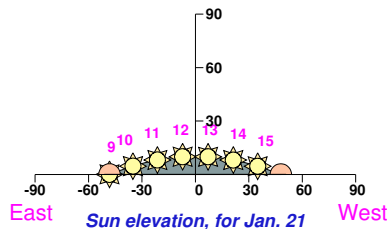
Winter



Day duration 5:53

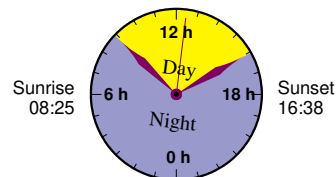


Winter Solstice



January 2024

Oslo
10.75°E, 59.92°N



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

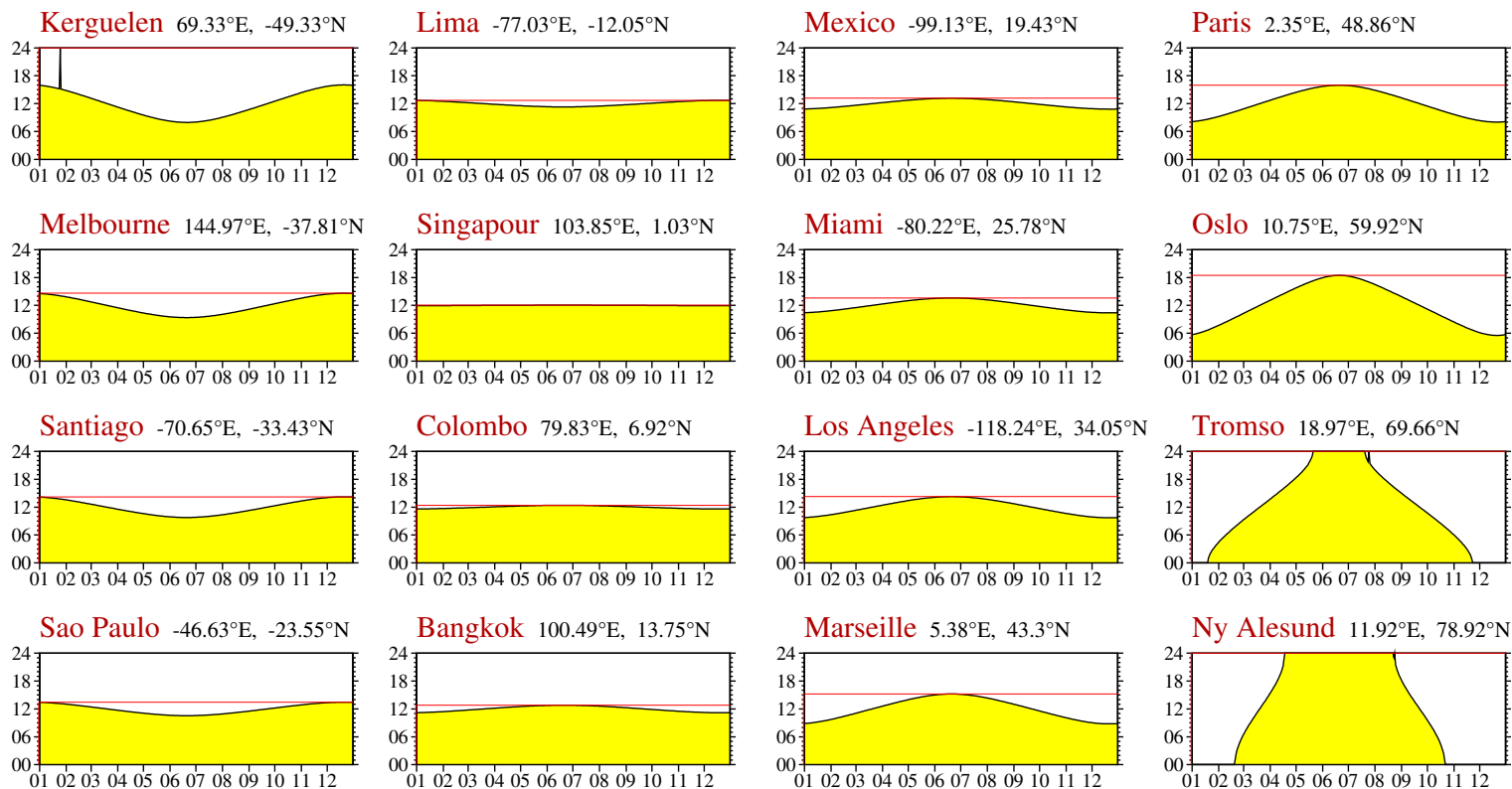
Duration of the day, for January 21

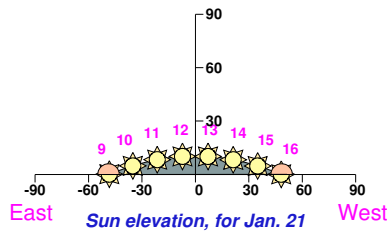
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
1	1 1 - 365 09:19 - 15:22 7°	2 2 - 364 09:18 - 15:24 7°	3 3 - 363 09:18 - 15:25 7°	4 4 - 362 09:17 - 15:27 7°	5 5 - 361 09:16 - 15:29 8°	6 6 - 360 09:16 - 15:30 8°	7 7 - 359 09:15 - 15:32 8°
2	8 8 - 358 09:14 - 15:34 8°	9 9 - 357 09:13 - 15:36 8°	10 10 - 356 09:12 - 15:38 8°	11 11 - 355 09:10 - 15:40 8°	12 12 - 354 09:09 - 15:42 9°	13 13 - 353 09:08 - 15:44 9°	14 14 - 352 09:06 - 15:46 9°
3	15 15 - 351 09:05 - 15:48 9°	16 16 - 350 09:03 - 15:51 9°	17 17 - 349 09:02 - 15:53 9°	18 18 - 348 09:00 - 15:55 10°	19 19 - 347 08:58 - 15:58 10°	20 20 - 346 08:57 - 16:00 10°	21 21 - 345 08:55 - 16:02 10°
4	22 22 - 344 08:53 - 16:05 10°	23 23 - 343 08:51 - 16:07 11°	24 24 - 342 08:49 - 16:10 11°	25 25 - 341 08:47 - 16:12 11°	26 26 - 340 08:45 - 16:15 11°	27 27 - 339 08:43 - 16:17 12°	28 28 - 338 08:41 - 16:20 12°
5	29 29 - 337 08:39 - 16:23 12°	30 30 - 336 08:36 - 16:25 12°	31 31 - 335 08:34 - 16:28 13°				

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

Day duration for any cities for 2024





January 2025

Oslo
10.75°E, 59.92°N

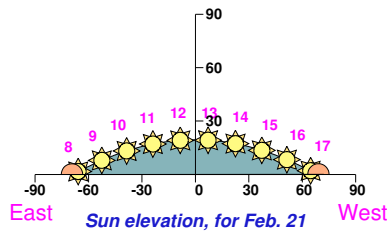


Duration of the day, for January 21

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

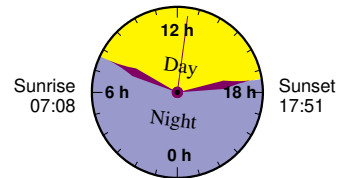
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
1			1 09:19 - 15:23 7°	2 09:18 - 15:25 7°	3 09:17 - 15:26 7°	4 09:17 - 15:28 8°	5 09:16 - 15:30 8°
2	6 09:15 - 15:32 8°	7 09:14 - 15:33 8°	8 09:13 - 15:35 8°	9 09:12 - 15:37 8°	10 09:11 - 15:39 8°	11 09:09 - 15:41 8°	12 09:08 - 15:43 9°
3	13 09:07 - 15:46 9°	14 09:05 - 15:48 9°	15 09:04 - 15:50 9°	16 09:02 - 15:52 9°	17 09:01 - 15:55 10°	18 08:59 - 15:57 10°	19 08:57 - 15:59 10°
4	20 08:55 - 16:02 10°	21 08:53 - 16:04 10°	22 08:52 - 16:07 11°	23 08:50 - 16:09 11°	24 08:48 - 16:12 11°	25 08:46 - 16:14 11°	26 08:43 - 16:17 12°
5	27 08:41 - 16:19 12°	28 08:39 - 16:22 12°	29 08:37 - 16:24 12°	30 08:35 - 16:27 13°	31 08:32 - 16:30 13°		

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



February 2024

Oslo
10.75°E, 59.92°N



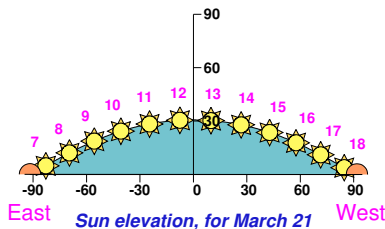
Duration of the day, for February 21

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

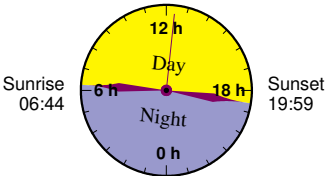
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
5				1 08:32 - 16:30 13°	2 08:29 - 16:33 13°	3 08:27 - 16:36 14°	4 08:25 - 16:38 14°
6	5 08:22 - 16:41 14°	6 08:20 - 16:43 14°	7 08:17 - 16:46 15°	8 08:15 - 16:49 15°	9 08:12 - 16:51 15°	10 08:10 - 16:54 16°	11 08:07 - 16:57 16°
7	12 08:04 - 16:59 16°	13 08:02 - 17:02 17°	14 07:59 - 17:04 17°	15 07:56 - 17:07 17°	16 07:54 - 17:10 18°	17 07:51 - 17:12 18°	18 07:48 - 17:15 18°
8	19 07:46 - 17:18 19°	20 07:43 - 17:20 19°	21 07:40 - 17:23 19°	22 07:37 - 17:25 20°	23 07:34 - 17:28 20°	24 07:32 - 17:30 21°	25 07:29 - 17:33 21°
9	26 07:26 - 17:36 21°	27 07:23 - 17:38 22°	28 07:20 - 17:41 22°	29 07:17 - 17:43 22°			

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

March 2024



Oslo
10.75°E, 59.92°N



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

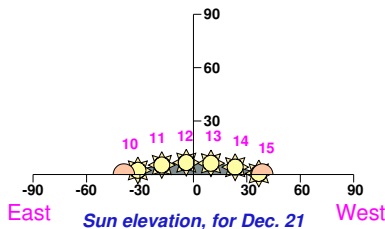
Time change March 31

Monday Tuesday Wednesday Thursday Friday Saturday Sunday

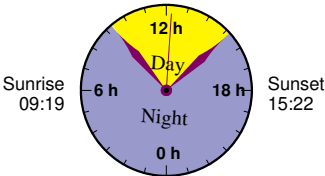
				161 - 305 07:14 - 17:46 23°	262 - 304 07:11 - 17:48 23°	363 - 303 07:08 - 17:51 24°
464 - 302 07:05 - 17:53 24°	565 - 301 07:03 - 17:56 24°	666 - 300 07:00 - 17:58 25°	767 - 299 06:57 - 18:01 25°	868 - 298 06:54 - 18:03 26°	969 - 297 06:51 - 18:06 26°	1070 - 296 06:48 - 18:08 26°
1171 - 295 06:45 - 18:11 27°	1272 - 294 06:42 - 18:13 27°	1373 - 293 06:39 - 18:16 27°	1474 - 292 06:36 - 18:18 28°	1575 - 291 06:33 - 18:20 28°	1676 - 290 06:30 - 18:23 29°	1777 - 289 06:27 - 18:25 29°
1878 - 288 06:24 - 18:28 29°	1979 - 287 06:21 - 18:30 30°	2080 - 286 06:18 - 18:33 30°	2181 - 285 06:15 - 18:35 31°	2282 - 284 06:12 - 18:38 31°	2383 - 283 06:09 - 18:40 31°	2484 - 282 06:06 - 18:42 32°
2585 - 281 06:03 - 18:45 32°	2686 - 280 06:00 - 18:47 33°	2787 - 279 05:57 - 18:50 33°	2888 - 278 05:53 - 18:52 33°	2989 - 277 05:50 - 18:55 34°	3090 - 276 05:47 - 18:57 34°	3191 - 275 06:44 - 19:59 35°

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

December 2024



Oslo
10.75°E, 59.92°N

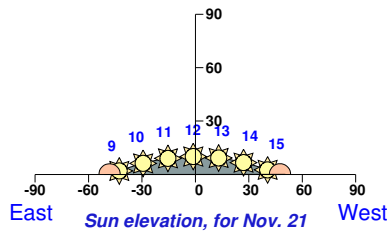


Sunrise and Sunset at Oslo (TL ± 1 mn) and sun maximal elevation (°)

Monday Tuesday Wednesday Thursday Friday Saturday Sunday

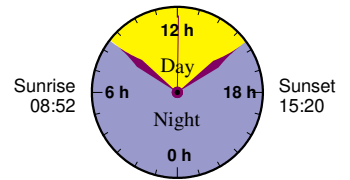
						1336 - 30 08:52 - 15:20 8°
2337 - 29 08:54 - 15:19 8°	3338 - 28 08:56 - 15:18 8°	4339 - 27 08:58 - 15:17 8°	5340 - 26 09:00 - 15:16 8°	6341 - 25 09:02 - 15:15 8°	7342 - 24 09:03 - 15:14 8°	8343 - 23 09:05 - 15:13 7°
9344 - 22 09:06 - 15:13 7°	10345 - 21 09:08 - 15:12 7°	11346 - 20 09:09 - 15:12 7°	12347 - 19 09:10 - 15:11 7°	13348 - 18 09:12 - 15:11 7°	14349 - 17 09:13 - 15:11 7°	15350 - 16 09:14 - 15:11 7°
16351 - 15 09:15 - 15:11 7°	17352 - 14 09:16 - 15:11 7°	18353 - 13 09:17 - 15:11 7°	19354 - 12 09:17 - 15:12 7°	20355 - 11 09:18 - 15:12 7°	21356 - 10 09:19 - 15:12 7°	22357 - 9 09:19 - 15:13 7°
23358 - 8 09:19 - 15:14 7°	24359 - 7 09:20 - 15:14 7°	25360 - 6 09:20 - 15:15 7°	26361 - 5 09:20 - 15:16 7°	27362 - 4 09:20 - 15:17 7°	28363 - 3 09:20 - 15:18 7°	29364 - 2 09:20 - 15:19 7°
30365 - 1 09:19 - 15:21 7°	31366 - 0 09:19 - 15:22 7°					

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



November 2024

Oslo
10.75°E, 59.92°N



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

Duration of the day, for November 21

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

44

45

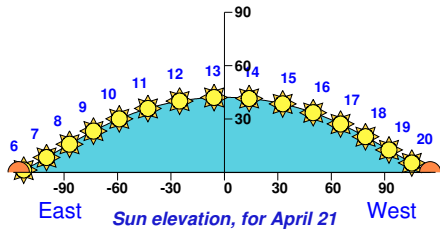
46

47

48

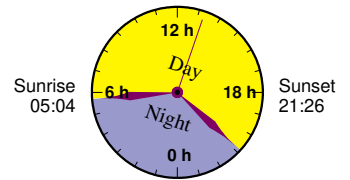
				1 306 - 60 07:40 - 16:21 15°	2 307 - 59 07:43 - 16:18 15°	3 308 - 58 07:45 - 16:15 15°
4 309 - 57 07:48 - 16:13 15°	5 310 - 56 07:50 - 16:10 14°	6 311 - 55 07:53 - 16:08 14°	7 312 - 54 07:55 - 16:06 14°	8 313 - 53 07:58 - 16:03 13°	9 314 - 52 08:00 - 16:01 13°	10 315 - 51 08:03 - 15:58 13°
11 316 - 50 08:06 - 15:56 13°	12 317 - 49 08:08 - 15:54 12°	13 318 - 48 08:11 - 15:52 12°	14 319 - 47 08:13 - 15:49 12°	15 320 - 46 08:16 - 15:47 11°	16 321 - 45 08:18 - 15:45 11°	17 322 - 44 08:21 - 15:43 11°
18 323 - 43 08:23 - 15:41 11°	19 324 - 42 08:25 - 15:39 11°	20 325 - 41 08:28 - 15:37 10°	21 326 - 40 08:30 - 15:35 10°	22 327 - 39 08:33 - 15:34 10°	23 328 - 38 08:35 - 15:32 10°	24 329 - 37 08:37 - 15:30 9°
25 330 - 36 08:39 - 15:29 9°	26 331 - 35 08:42 - 15:27 9°	27 332 - 34 08:44 - 15:25 9°	28 333 - 33 08:46 - 15:24 9°	29 334 - 32 08:48 - 15:23 9°	30 335 - 31 08:50 - 15:21 8°	

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



April 2024

Oslo
10.75°E, 59.92°N



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

Duration of the day, for April 21

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

14

15

16

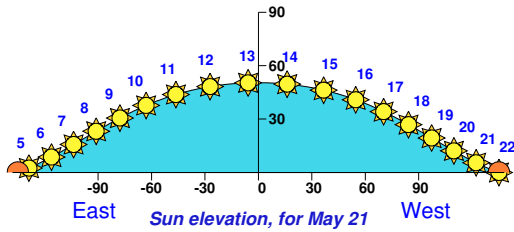
17

18

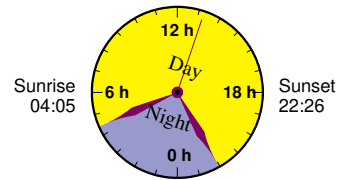
1 92 - 274 06:41 - 20:02 35°	2 93 - 273 06:38 - 20:04 35°	3 94 - 272 06:35 - 20:07 36°	4 95 - 271 06:32 - 20:09 36°	5 96 - 270 06:29 - 20:12 36°	6 97 - 269 06:26 - 20:14 37°	7 98 - 268 06:23 - 20:17 37°
8 99 - 267 06:20 - 20:19 38°	9 100 - 266 06:17 - 20:21 38°	10 101 - 265 06:14 - 20:24 38°	11 102 - 264 06:11 - 20:26 39°	12 103 - 263 06:09 - 20:29 39°	13 104 - 262 06:06 - 20:31 39°	14 105 - 261 06:03 - 20:34 40°
15 106 - 260 06:00 - 20:36 40°	16 107 - 259 05:57 - 20:39 40°	17 108 - 258 05:54 - 20:41 41°	18 109 - 257 05:51 - 20:44 41°	19 110 - 256 05:48 - 20:46 42°	20 111 - 255 05:45 - 20:48 42°	21 112 - 254 05:42 - 20:51 42°
22 113 - 253 05:39 - 20:53 43°	23 114 - 252 05:37 - 20:56 43°	24 115 - 251 05:34 - 20:58 43°	25 116 - 250 05:31 - 21:01 44°	26 117 - 249 05:28 - 21:03 44°	27 118 - 248 05:25 - 21:06 44°	28 119 - 247 05:23 - 21:08 44°
29 120 - 246 05:20 - 21:11 45°	30 121 - 245 05:17 - 21:13 45°					

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May 2024



Oslo
10.75°E, 59.92°N



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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

18

19

20

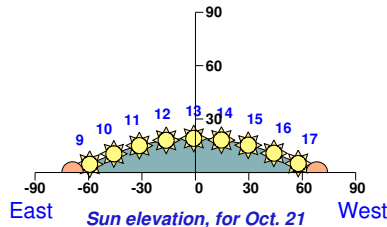
21

22

		1 122 - 244 05:14 - 21:16 45°	2 123 - 243 05:12 - 21:18 46°	3 124 - 242 05:09 - 21:21 46°	4 125 - 241 05:06 - 21:23 46°	5 126 - 240 05:04 - 21:26 47°
6 127 - 239 05:01 - 21:28 47°	7 128 - 238 04:59 - 21:30 47°	8 129 - 237 04:56 - 21:33 47°	9 130 - 236 04:54 - 21:35 48°	10 131 - 235 04:51 - 21:38 48°	11 132 - 234 04:49 - 21:40 48°	12 133 - 233 04:46 - 21:42 48°
13 134 - 232 04:44 - 21:45 49°	14 135 - 231 04:41 - 21:47 49°	15 136 - 230 04:39 - 21:50 49°	16 137 - 229 04:37 - 21:52 49°	17 138 - 228 04:35 - 21:54 50°	18 139 - 227 04:32 - 21:56 50°	19 140 - 226 04:30 - 21:59 50°
20 141 - 225 04:28 - 22:01 50°	21 142 - 224 04:26 - 22:03 50°	22 143 - 223 04:24 - 22:05 51°	23 144 - 222 04:22 - 22:07 51°	24 145 - 221 04:20 - 22:10 51°	25 146 - 220 04:18 - 22:12 51°	26 147 - 219 04:16 - 22:14 51°
27 148 - 218 04:15 - 22:16 52°	28 149 - 217 04:13 - 22:17 52°	29 150 - 216 04:11 - 22:19 52°	30 151 - 215 04:10 - 22:21 52°	31 152 - 214 04:08 - 22:23 52°		

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

October 2024



Oslo
10.75°E, 59.92°N



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

Time change October 27

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

40

41

42

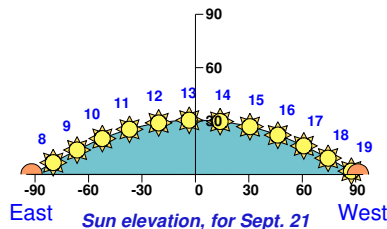
43

44

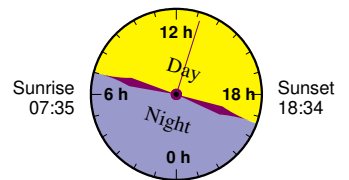
	1 275 - 91 07:23 - 18:49 27°	2 276 - 90 07:26 - 18:46 26°	3 277 - 89 07:28 - 18:43 26°	4 278 - 88 07:31 - 18:40 25°	5 279 - 87 07:33 - 18:37 25°	6 280 - 86 07:35 - 18:34 25°
7 281 - 85 07:38 - 18:31 24°	8 282 - 84 07:40 - 18:28 24°	9 283 - 83 07:43 - 18:25 24°	10 284 - 82 07:45 - 18:22 23°	11 285 - 81 07:47 - 18:19 23°	12 286 - 80 07:50 - 18:16 22°	13 287 - 79 07:52 - 18:13 22°
14 288 - 78 07:55 - 18:10 22°	15 289 - 77 07:57 - 18:07 21°	16 290 - 76 08:00 - 18:04 21°	17 291 - 75 08:02 - 18:02 21°	18 292 - 74 08:05 - 17:59 20°	19 293 - 73 08:07 - 17:56 20°	20 294 - 72 08:10 - 17:53 20°
21 295 - 71 08:12 - 17:50 19°	22 296 - 70 08:15 - 17:47 19°	23 297 - 69 08:17 - 17:45 18°	24 298 - 68 08:20 - 17:42 18°	25 299 - 67 08:22 - 17:39 18°	26 300 - 66 08:25 - 17:36 17°	27 301 - 65 07:27 - 16:34 17°
28 302 - 64 07:30 - 16:31 17°	29 303 - 63 07:32 - 16:28 16°	30 304 - 62 07:35 - 16:26 16°	31 305 - 61 07:37 - 16:23 16°			

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

September 2024



Oslo
10.75°E, 59.92°N



Duration of the day, for September 21

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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

35

36

37

38

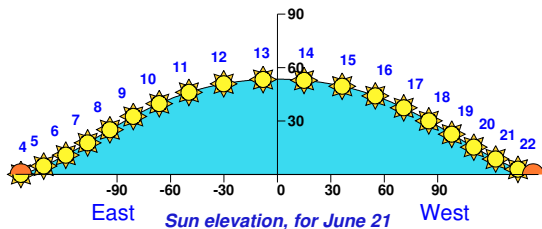
39

40

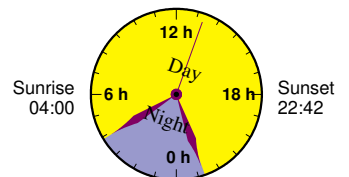
						1 245 - 121 06:13 - 20:19 38°
2 246 - 120 06:16 - 20:16 38°	3 247 - 119 06:18 - 20:13 37°	4 248 - 118 06:20 - 20:10 37°	5 249 - 117 06:23 - 20:07 37°	6 250 - 116 06:25 - 20:04 36°	7 251 - 115 06:27 - 20:01 36°	8 252 - 114 06:30 - 19:58 36°
9 253 - 113 06:32 - 19:55 35°	10 254 - 112 06:34 - 19:52 35°	11 255 - 111 06:37 - 19:49 34°	12 256 - 110 06:39 - 19:46 34°	13 257 - 109 06:41 - 19:43 34°	14 258 - 108 06:44 - 19:40 33°	15 259 - 107 06:46 - 19:37 33°
16 260 - 106 06:48 - 19:34 32°	17 261 - 105 06:51 - 19:31 32°	18 262 - 104 06:53 - 19:28 32°	19 263 - 103 06:55 - 19:25 31°	20 264 - 102 06:58 - 19:22 31°	21 265 - 101 07:00 - 19:19 31°	22 266 - 100 07:02 - 19:16 30°
23 267 - 99 07:05 - 19:13 30°	24 268 - 98 07:07 - 19:10 29°	25 269 - 97 07:09 - 19:07 29°	26 270 - 96 07:12 - 19:04 29°	27 271 - 95 07:14 - 19:01 28°	28 272 - 94 07:16 - 18:58 28°	29 273 - 93 07:19 - 18:55 27°
30 274 - 92 07:21 - 18:52 27°						

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June 2024



Oslo
10.75°E, 59.92°N



Duration of the day, for June 21

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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

22

23

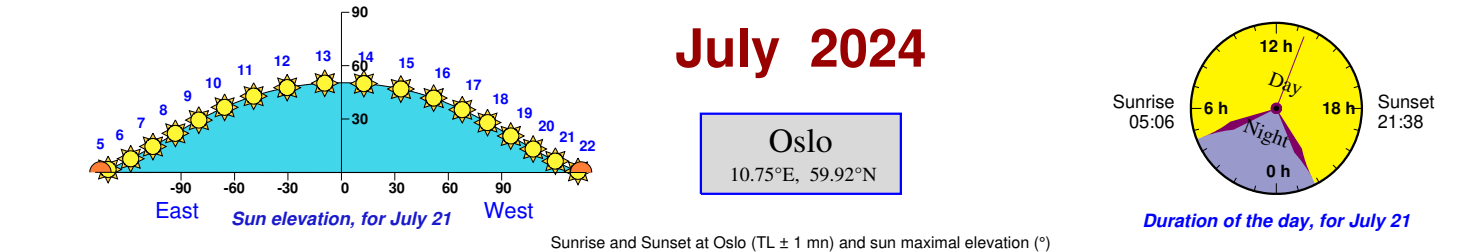
24

25

26

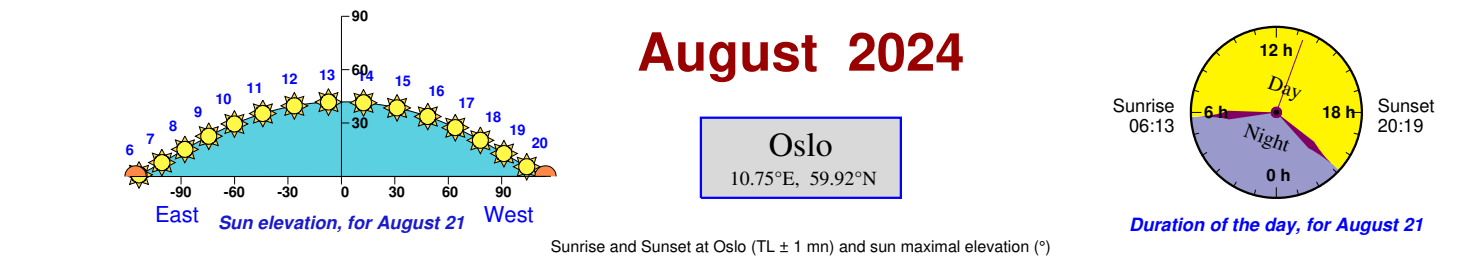
					1 153 - 213 04:07 - 22:25 52°	2 154 - 212 04:05 - 22:26 52°
3 155 - 211 04:04 - 22:28 52°	4 156 - 210 04:03 - 22:30 53°	5 157 - 209 04:02 - 22:31 53°	6 158 - 208 04:00 - 22:32 53°	7 159 - 207 03:59 - 22:34 53°	8 160 - 206 03:58 - 22:35 53°	9 161 - 205 03:58 - 22:36 53°
10 162 - 204 03:57 - 22:37 53°	11 163 - 203 03:56 - 22:38 53°	12 164 - 202 03:55 - 22:39 53°	13 165 - 201 03:55 - 22:40 53°	14 166 - 200 03:55 - 22:41 53°	15 167 - 199 03:54 - 22:42 53°	16 168 - 198 03:54 - 22:42 53°
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24 176 - 190 03:55 - 22:44 53°	25 177 - 189 03:56 - 22:44 53°	26 178 - 188 03:56 - 22:44 53°	27 179 - 187 03:57 - 22:43 53°	28 180 - 186 03:58 - 22:43 53°	29 181 - 185 03:59 - 22:42 53°	30 182 - 184 04:00 - 22:42 53°

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	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
27	1183 - 183 04:01 - 22:41 53°	2184 - 182 04:02 - 22:40 53°	3185 - 181 04:03 - 22:39 53°	4186 - 180 04:04 - 22:38 53°	5187 - 179 04:06 - 22:37 53°	6188 - 178 04:07 - 22:36 53°	7189 - 177 04:08 - 22:35 53°
28	8190 - 176 04:10 - 22:34 52°	9191 - 175 04:12 - 22:32 52°	10192 - 174 04:13 - 22:31 52°	11193 - 173 04:15 - 22:29 52°	12194 - 172 04:17 - 22:28 52°	13195 - 171 04:19 - 22:26 52°	14196 - 170 04:20 - 22:24 52°
29	15197 - 169 04:22 - 22:23 51°	16198 - 168 04:24 - 22:21 51°	17199 - 167 04:26 - 22:19 51°	18200 - 166 04:28 - 22:17 51°	19201 - 165 04:30 - 22:15 51°	20202 - 164 04:32 - 22:13 51°	21203 - 163 04:35 - 22:11 50°
30	22204 - 162 04:37 - 22:09 50°	23205 - 161 04:39 - 22:07 50°	24206 - 160 04:41 - 22:05 50°	25207 - 159 04:43 - 22:03 50°	26208 - 158 04:46 - 22:00 49°	27209 - 157 04:48 - 21:58 49°	28210 - 156 04:50 - 21:56 49°
31	29211 - 155 04:52 - 21:53 49°	30212 - 154 04:55 - 21:51 48°	31213 - 153 04:57 - 21:48 48°				

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	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
31				1214 - 152 04:59 - 21:46 48°	2215 - 151 05:02 - 21:43 48°	3216 - 150 05:04 - 21:41 47°	4217 - 149 05:06 - 21:38 47°
32	5218 - 148 05:09 - 21:36 47°	6219 - 147 05:11 - 21:33 47°	7220 - 146 05:14 - 21:31 46°	8221 - 145 05:16 - 21:28 46°	9222 - 144 05:18 - 21:25 46°	10223 - 143 05:21 - 21:23 45°	11224 - 142 05:23 - 21:20 45°
33	12225 - 141 05:26 - 21:17 45°	13226 - 140 05:28 - 21:14 45°	14227 - 139 05:30 - 21:12 44°	15228 - 138 05:33 - 21:09 44°	16229 - 137 05:35 - 21:06 44°	17230 - 136 05:38 - 21:03 43°	18231 - 135 05:40 - 21:00 43°
34	19232 - 134 05:42 - 20:57 43°	20233 - 133 05:45 - 20:55 42°	21234 - 132 05:47 - 20:52 42°	22235 - 131 05:49 - 20:49 42°	23236 - 130 05:52 - 20:46 41°	24237 - 129 05:54 - 20:43 41°	25238 - 128 05:57 - 20:40 41°
35	26239 - 127 05:59 - 20:37 40°	27240 - 126 06:01 - 20:34 40°	28241 - 125 06:04 - 20:31 40°	29242 - 124 06:06 - 20:28 39°	30243 - 123 06:08 - 20:25 39°	31244 - 122 06:11 - 20:22 38°	

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