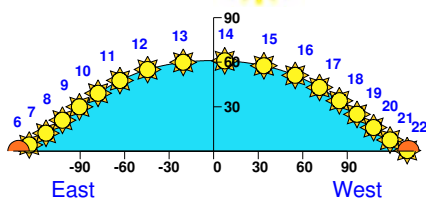


Sun Calendar 2024

Produced by *ScientiDev*
www.scientidev.fr

Amsterdam
4.9°E, 52.35°N

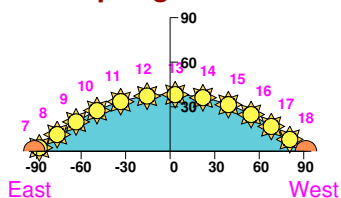
Summer



June 21

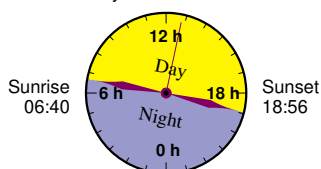


Spring



March 21

Day duration 12:16



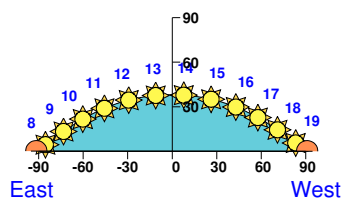
Spring Equinox

Day duration 16:48



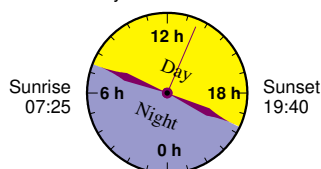
Summer Solstice

Autumn



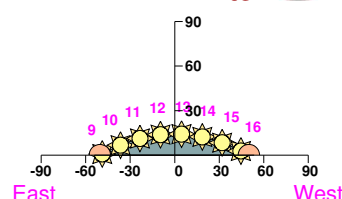
Sept. 21

Day duration 12:15



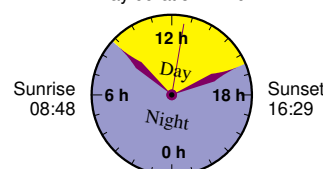
Autumn Equinox

Winter



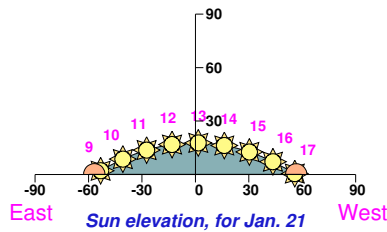
Dec. 21

Day duration 7:40

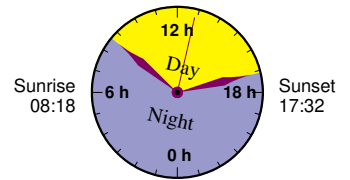


Winter Solstice

January 2024



Amsterdam
4.9°E, 52.35°N



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

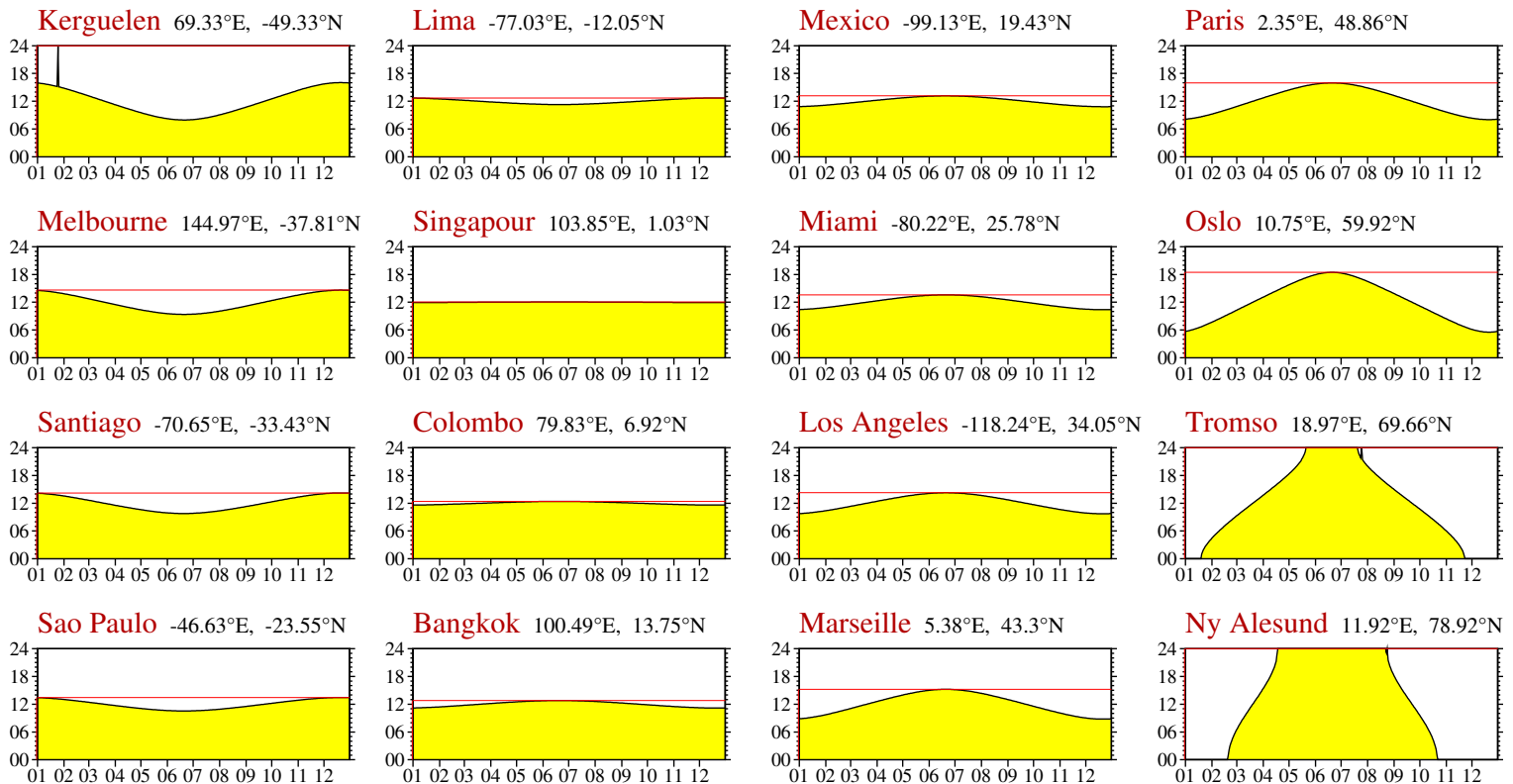
Duration of the day, for January 21

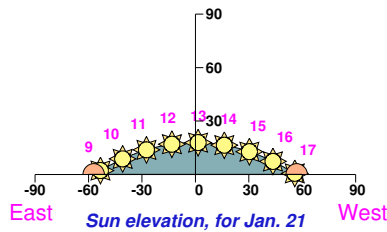
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
1	1 1 - 365 08:51 - 16:37 15°	2 2 - 364 08:50 - 16:39 15°	3 3 - 363 08:50 - 16:40 15°	4 4 - 362 08:50 - 16:41 15°	5 5 - 361 08:50 - 16:42 15°	6 6 - 360 08:49 - 16:43 15°	7 7 - 359 08:49 - 16:45 15°
2	8 8 - 358 08:48 - 16:46 15°	9 9 - 357 08:48 - 16:47 16°	10 10 - 356 08:47 - 16:49 16°	11 11 - 355 08:47 - 16:50 16°	12 12 - 354 08:46 - 16:52 16°	13 13 - 353 08:45 - 16:53 16°	14 14 - 352 08:45 - 16:55 16°
3	15 15 - 351 08:44 - 16:56 17°	16 16 - 350 08:43 - 16:58 17°	17 17 - 349 08:42 - 17:00 17°	18 18 - 348 08:41 - 17:01 17°	19 19 - 347 08:40 - 17:03 17°	20 20 - 346 08:39 - 17:05 18°	21 21 - 345 08:38 - 17:06 18°
4	22 22 - 344 08:36 - 17:08 18°	23 23 - 343 08:35 - 17:10 18°	24 24 - 342 08:34 - 17:12 18°	25 25 - 341 08:33 - 17:13 19°	26 26 - 340 08:31 - 17:15 19°	27 27 - 339 08:30 - 17:17 19°	28 28 - 338 08:29 - 17:19 19°
5	29 29 - 337 08:27 - 17:21 20°	30 30 - 336 08:26 - 17:22 20°	31 31 - 335 08:24 - 17:24 20°				

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

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

Day duration for any cities for 2024





January 2025

Amsterdam
4.9°E, 52.35°N



Duration of the day, for January 21

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

Monday

Tuesday

Wednesday

Thursday

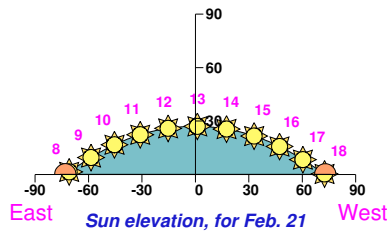
Friday

Saturday

Sunday

		1 1 - 365 08:50 - 16:38 15°	2 2 - 363 08:50 - 16:39 15°	3 3 - 362 08:50 - 16:41 15°	4 4 - 361 08:50 - 16:42 15°	5 5 - 360 08:49 - 16:43 15°
6 6 - 359 08:49 - 16:44 15°	7 7 - 358 08:49 - 16:46 15°	8 8 - 357 08:48 - 16:47 16°	9 9 - 356 08:48 - 16:48 16°	10 10 - 355 08:47 - 16:50 16°	11 11 - 354 08:46 - 16:51 16°	12 12 - 353 08:46 - 16:53 16°
13 13 - 352 08:45 - 16:54 16°	14 14 - 351 08:44 - 16:56 16°	15 15 - 350 08:43 - 16:58 17°	16 16 - 349 08:42 - 16:59 17°	17 17 - 348 08:41 - 17:01 17°	18 18 - 347 08:40 - 17:02 17°	19 19 - 346 08:39 - 17:04 17°
20 20 - 345 08:38 - 17:06 18°	21 21 - 344 08:37 - 17:08 18°	22 22 - 343 08:36 - 17:09 18°	23 23 - 342 08:34 - 17:11 18°	24 24 - 341 08:33 - 17:13 19°	25 25 - 340 08:32 - 17:15 19°	26 26 - 339 08:30 - 17:17 19°
27 27 - 338 08:29 - 17:18 19°	28 28 - 337 08:27 - 17:20 20°	29 29 - 336 08:26 - 17:22 20°	30 30 - 335 08:24 - 17:24 20°	31 31 - 334 08:23 - 17:26 20°		

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



February 2024

Amsterdam
4.9°E, 52.35°N



Duration of the day, for February 21

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

Monday

Tuesday

Wednesday

Thursday

Friday

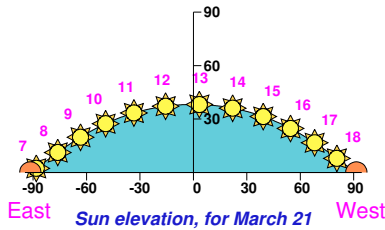
Saturday

Sunday

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

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

March 2024



Amsterdam
4.9°E, 52.35°N



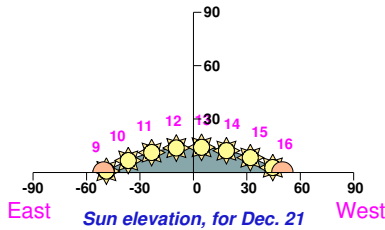
Sunrise and Sunset at Amsterdam (TL ± 1 mn) and sun maximal elevation (°)

Time change March 31

Monday Tuesday Wednesday Thursday Friday Saturday Sunday

				161 - 305 07:26 - 18:21 30°	262 - 304 07:24 - 18:22 31°	363 - 303 07:21 - 18:24 31°
9						
10	464 - 302 07:19 - 18:26 32°	565 - 301 07:17 - 18:28 32°	666 - 300 07:15 - 18:30 32°	767 - 299 07:12 - 18:31 33°	868 - 298 07:10 - 18:33 33°	969 - 297 07:08 - 18:35 33°
11	1171 - 295 07:03 - 18:39 34°	1272 - 294 07:01 - 18:40 35°	1373 - 293 06:59 - 18:42 35°	1474 - 292 06:56 - 18:44 35°	1575 - 291 06:54 - 18:46 36°	1676 - 290 06:52 - 18:47 36°
12	1878 - 288 06:47 - 18:51 37°	1979 - 287 06:45 - 18:53 37°	2080 - 286 06:42 - 18:55 38°	2181 - 285 06:40 - 18:56 38°	2282 - 284 06:38 - 18:58 39°	2383 - 283 06:35 - 19:00 39°
13	2585 - 281 06:31 - 19:03 40°	2686 - 280 06:28 - 19:05 40°	2787 - 279 06:26 - 19:07 41°	2888 - 278 06:24 - 19:09 41°	2989 - 277 06:21 - 19:10 41°	3090 - 276 06:19 - 19:12 42°
						3191 - 275 07:17 - 20:14 42°

December 2024



Amsterdam
4.9°E, 52.35°N



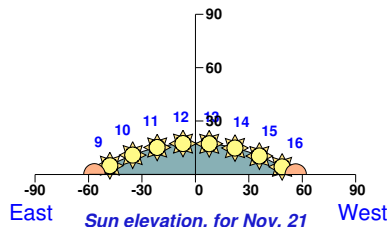
Sunrise and Sunset at Amsterdam (TL ± 1 mn) and sun maximal elevation (°)

Duration of the day, for December 21

Monday Tuesday Wednesday Thursday Friday Saturday Sunday

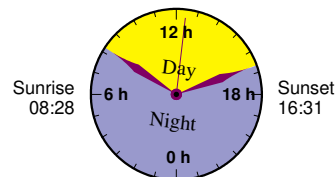
						1336 - 30 08:28 - 16:31 16°
48						
49	2337 - 29 08:30 - 16:30 16°	3338 - 28 08:31 - 16:30 16°	4339 - 27 08:33 - 16:29 15°	5340 - 26 08:34 - 16:29 15°	6341 - 25 08:35 - 16:28 15°	7342 - 24 08:36 - 16:28 15°
50	9344 - 22 08:39 - 16:27 15°	10345 - 21 08:40 - 16:27 15°	11346 - 20 08:41 - 16:27 15°	12347 - 19 08:42 - 16:27 15°	13348 - 18 08:43 - 16:27 15°	14349 - 17 08:44 - 16:27 14°
51	16351 - 15 08:45 - 16:27 14°	17352 - 14 08:46 - 16:28 14°	18353 - 13 08:47 - 16:28 14°	19354 - 12 08:47 - 16:28 14°	20355 - 11 08:48 - 16:29 14°	21356 - 10 08:48 - 16:29 14°
52	23358 - 8 08:49 - 16:30 14°	24359 - 7 08:50 - 16:31 14°	25360 - 6 08:50 - 16:32 14°	26361 - 5 08:50 - 16:33 14°	27362 - 4 08:50 - 16:33 14°	28363 - 3 08:51 - 16:34 14°
53	30365 - 1 08:51 - 16:36 15°	31366 - 0 08:51 - 16:37 15°				29364 - 2 08:51 - 16:35 15°

November 2024



Amsterdam

4.9°E, 52.35°N



Duration of the day, for November 21

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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

44

45

46

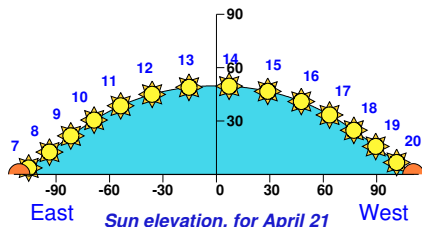
47

48

				1 306 - 60 07:37 - 17:10 23°	2 307 - 59 07:39 - 17:09 23°	3 308 - 58 07:41 - 17:07 22°
4 309 - 57 07:43 - 17:05 22°	5 310 - 56 07:44 - 17:03 22°	6 311 - 55 07:46 - 17:02 21°	7 312 - 54 07:48 - 17:00 21°	8 313 - 53 07:50 - 16:58 21°	9 314 - 52 07:52 - 16:57 21°	10 315 - 51 07:54 - 16:55 20°
11 316 - 50 07:55 - 16:53 20°	12 317 - 49 07:57 - 16:52 20°	13 318 - 48 07:59 - 16:50 20°	14 319 - 47 08:01 - 16:49 19°	15 320 - 46 08:02 - 16:47 19°	16 321 - 45 08:04 - 16:46 19°	17 322 - 44 08:06 - 16:45 19°
18 323 - 43 08:08 - 16:43 18°	19 324 - 42 08:09 - 16:42 18°	20 325 - 41 08:11 - 16:41 18°	21 326 - 40 08:13 - 16:40 18°	22 327 - 39 08:14 - 16:39 17°	23 328 - 38 08:16 - 16:38 17°	24 329 - 37 08:18 - 16:37 17°
25 330 - 36 08:19 - 16:36 17°	26 331 - 35 08:21 - 16:35 17°	27 332 - 34 08:22 - 16:34 16°	28 333 - 33 08:24 - 16:33 16°	29 334 - 32 08:25 - 16:32 16°	30 335 - 31 08:27 - 16:31 16°	

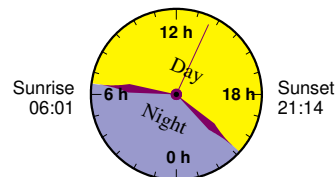
Sun Calendar © P. Robert / ScientiDev, Déc. 2014

April 2024



Amsterdam

4.9°E, 52.35°N



Duration of the day, for April 21

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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

14

15

16

17

18

1 92 - 274 07:14 - 20:15 43°	2 93 - 273 07:12 - 20:17 43°	3 94 - 272 07:10 - 20:19 43°	4 95 - 271 07:07 - 20:21 44°	5 96 - 270 07:05 - 20:22 44°	6 97 - 269 07:03 - 20:24 44°	7 98 - 268 07:00 - 20:26 45°
8 99 - 267 06:58 - 20:28 45°	9 100 - 266 06:56 - 20:29 46°	10 101 - 265 06:54 - 20:31 46°	11 102 - 264 06:51 - 20:33 46°	12 103 - 263 06:49 - 20:35 47°	13 104 - 262 06:47 - 20:36 47°	14 105 - 261 06:45 - 20:38 47°
15 106 - 260 06:42 - 20:40 48°	16 107 - 259 06:40 - 20:42 48°	17 108 - 258 06:38 - 20:43 48°	18 109 - 257 06:36 - 20:45 49°	19 110 - 256 06:34 - 20:47 49°	20 111 - 255 06:31 - 20:48 49°	21 112 - 254 06:29 - 20:50 50°
22 113 - 253 06:27 - 20:52 50°	23 114 - 252 06:25 - 20:54 50°	24 115 - 251 06:23 - 20:55 51°	25 116 - 250 06:21 - 20:57 51°	26 117 - 249 06:19 - 20:59 51°	27 118 - 248 06:17 - 21:01 52°	28 119 - 247 06:15 - 21:02 52°
29 120 - 246 06:13 - 21:04 52°	30 121 - 245 06:11 - 21:06 53°					

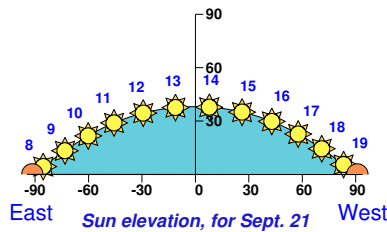
Sun Calendar © P. Robert / ScientiDev, Déc. 2014



	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
18			1122 - 244 06:09 - 21:07 53°	2123 - 243 06:07 - 21:09 53°	3124 - 242 06:05 - 21:11 54°	4125 - 241 06:03 - 21:12 54°	5126 - 240 06:01 - 21:14 54°
19	6127 - 239 06:00 - 21:16 54°	7128 - 238 05:58 - 21:17 55°	8129 - 237 05:56 - 21:19 55°	9130 - 236 05:54 - 21:21 55°	10131 - 235 05:53 - 21:22 55°	11132 - 234 05:51 - 21:24 56°	12133 - 233 05:49 - 21:26 56°
20	13134 - 232 05:48 - 21:27 56°	14135 - 231 05:46 - 21:29 56°	15136 - 230 05:45 - 21:30 57°	16137 - 229 05:43 - 21:32 57°	17138 - 228 05:42 - 21:33 57°	18139 - 227 05:40 - 21:35 57°	19140 - 226 05:39 - 21:36 58°
21	20141 - 225 05:37 - 21:38 58°	21142 - 224 05:36 - 21:39 58°	22143 - 223 05:35 - 21:41 58°	23144 - 222 05:34 - 21:42 58°	24145 - 221 05:32 - 21:43 59°	25146 - 220 05:31 - 21:45 59°	26147 - 219 05:30 - 21:46 59°
22	27148 - 218 05:29 - 21:47 59°	28149 - 217 05:28 - 21:49 59°	29150 - 216 05:27 - 21:50 59°	30151 - 215 05:26 - 21:51 60°	31152 - 214 05:25 - 21:52 60°		

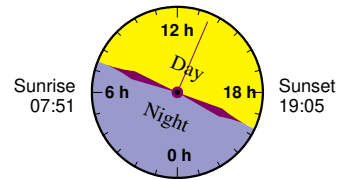


	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
40		1275 - 91 07:42 - 19:17 34°	2276 - 90 07:44 - 19:15 34°	3277 - 89 07:46 - 19:12 33°	4278 - 88 07:47 - 19:10 33°	5279 - 87 07:49 - 19:08 33°	6280 - 86 07:51 - 19:05 32°
41	7281 - 85 07:53 - 19:03 32°	8282 - 84 07:54 - 19:01 32°	9283 - 83 07:56 - 18:58 31°	10284 - 82 07:58 - 18:56 31°	11285 - 81 07:59 - 18:54 30°	12286 - 80 08:01 - 18:52 30°	13287 - 79 08:03 - 18:50 30°
42	14288 - 78 08:05 - 18:47 29°	15289 - 77 08:06 - 18:45 29°	16290 - 76 08:08 - 18:43 29°	17291 - 75 08:10 - 18:41 28°	18292 - 74 08:12 - 18:39 28°	19293 - 73 08:14 - 18:36 27°	20294 - 72 08:15 - 18:34 27°
43	21295 - 71 08:17 - 18:32 27°	22296 - 70 08:19 - 18:30 26°	23297 - 69 08:21 - 18:28 26°	24298 - 68 08:23 - 18:26 26°	25299 - 67 08:24 - 18:24 25°	26300 - 66 08:26 - 18:22 25°	27301 - 65 07:28 - 17:20 25°
44	28302 - 64 07:30 - 17:18 24°	29303 - 63 07:32 - 17:16 24°	30304 - 62 07:33 - 17:14 24°	31305 - 61 07:35 - 17:12 23°			



September 2024

Amsterdam
4.9°E, 52.35°N



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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

35

36

37

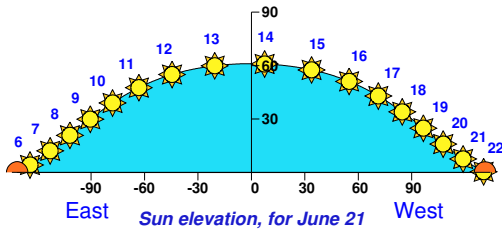
38

39

40

						1 245 - 121 06:52 - 20:27 46°
2 246 - 120 06:54 - 20:25 45°	3 247 - 119 06:56 - 20:23 45°	4 248 - 118 06:57 - 20:20 45°	5 249 - 117 06:59 - 20:18 44°	6 250 - 116 07:01 - 20:16 44°	7 251 - 115 07:02 - 20:13 43°	8 252 - 114 07:04 - 20:11 43°
9 253 - 113 07:06 - 20:09 43°	10 254 - 112 07:07 - 20:06 42°	11 255 - 111 07:09 - 20:04 42°	12 256 - 110 07:11 - 20:02 42°	13 257 - 109 07:12 - 19:59 41°	14 258 - 108 07:14 - 19:57 41°	15 259 - 107 07:16 - 19:55 40°
16 260 - 106 07:17 - 19:52 40°	17 261 - 105 07:19 - 19:50 40°	18 262 - 104 07:20 - 19:48 39°	19 263 - 103 07:22 - 19:45 39°	20 264 - 102 07:24 - 19:43 38°	21 265 - 101 07:25 - 19:40 38°	22 266 - 100 07:27 - 19:38 38°
23 267 - 99 07:29 - 19:36 37°	24 268 - 98 07:30 - 19:33 37°	25 269 - 97 07:32 - 19:31 37°	26 270 - 96 07:34 - 19:29 36°	27 271 - 95 07:36 - 19:26 36°	28 272 - 94 07:37 - 19:24 35°	29 273 - 93 07:39 - 19:22 35°
30 274 - 92 07:41 - 19:19 35°						

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



June 2024

Amsterdam
4.9°E, 52.35°N



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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

22

23

24

25

26

					1 153 - 213 05:24 - 21:53 60°	2 154 - 212 05:24 - 21:54 60°
3 155 - 211 05:23 - 21:55 60°	4 156 - 210 05:22 - 21:56 60°	5 157 - 209 05:21 - 21:57 60°	6 158 - 208 05:21 - 21:58 60°	7 159 - 207 05:20 - 21:59 60°	8 160 - 206 05:20 - 22:00 61°	9 161 - 205 05:19 - 22:01 61°
10 162 - 204 05:19 - 22:02 61°	11 163 - 203 05:19 - 22:02 61°	12 164 - 202 05:18 - 22:03 61°	13 165 - 201 05:18 - 22:04 61°	14 166 - 200 05:18 - 22:04 61°	15 167 - 199 05:18 - 22:05 61°	16 168 - 198 05:18 - 22:05 61°
17 169 - 197 05:18 - 22:05 61°	18 170 - 196 05:18 - 22:06 61°	19 171 - 195 05:18 - 22:06 61°	20 172 - 194 05:18 - 22:06 61°	21 173 - 193 05:18 - 22:07 61°	22 174 - 192 05:19 - 22:07 61°	23 175 - 191 05:19 - 22:07 61°
24 176 - 190 05:19 - 22:07 61°	25 177 - 189 05:20 - 22:07 61°	26 178 - 188 05:20 - 22:07 61°	27 179 - 187 05:21 - 22:07 61°	28 180 - 186 05:21 - 22:06 61°	29 181 - 185 05:22 - 22:06 61°	30 182 - 184 05:23 - 22:06 61°

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



	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
27	1 183 - 183 05:23 - 22:06 61° 	2 184 - 182 05:24 - 22:05 61° 	3 185 - 181 05:25 - 22:05 61° 	4 186 - 180 05:26 - 22:04 60° 	5 187 - 179 05:26 - 22:04 60° 	6 188 - 178 05:27 - 22:03 60° 	7 189 - 177 05:28 - 22:02 60°
28	8 190 - 176 05:29 - 22:02 60° 	9 191 - 175 05:30 - 22:01 60° 	10 192 - 174 05:31 - 22:00 60° 	11 193 - 173 05:33 - 21:59 60° 	12 194 - 172 05:34 - 21:58 60° 	13 195 - 171 05:35 - 21:57 59° 	14 196 - 170 05:36 - 21:56 59°
29	15 197 - 169 05:37 - 21:55 59° 	16 198 - 168 05:39 - 21:54 59° 	17 199 - 167 05:40 - 21:53 59° 	18 200 - 166 05:41 - 21:52 59° 	19 201 - 165 05:42 - 21:51 58° 	20 202 - 164 05:44 - 21:49 58° 	21 203 - 163 05:45 - 21:48 58°
30	22 204 - 162 05:47 - 21:47 58° 	23 205 - 161 05:48 - 21:45 58° 	24 206 - 160 05:49 - 21:44 57° 	25 207 - 159 05:51 - 21:42 57° 	26 208 - 158 05:52 - 21:41 57° 	27 209 - 157 05:54 - 21:39 57° 	28 210 - 156 05:55 - 21:38 56°
31	29 211 - 155 05:57 - 21:36 56° 	30 212 - 154 05:58 - 21:35 56° 	31 213 - 153 06:00 - 21:33 56° 				



	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
31				1 214 - 152 06:02 - 21:31 55° 	2 215 - 151 06:03 - 21:29 55° 	3 216 - 150 06:05 - 21:28 55° 	4 217 - 149 06:06 - 21:26 55°
32	5 218 - 148 06:08 - 21:24 54° 	6 219 - 147 06:10 - 21:22 54° 	7 220 - 146 06:11 - 21:20 54° 	8 221 - 145 06:13 - 21:18 54° 	9 222 - 144 06:14 - 21:17 53° 	10 223 - 143 06:16 - 21:15 53° 	11 224 - 142 06:18 - 21:13 53°
33	12 225 - 141 06:19 - 21:11 52° 	13 226 - 140 06:21 - 21:09 52° 	14 227 - 139 06:23 - 21:07 52° 	15 228 - 138 06:24 - 21:05 51° 	16 229 - 137 06:26 - 21:03 51° 	17 230 - 136 06:28 - 21:00 51° 	18 231 - 135 06:29 - 20:58 51°
34	19 232 - 134 06:31 - 20:56 50° 	20 233 - 133 06:33 - 20:54 50° 	21 234 - 132 06:34 - 20:52 50° 	22 235 - 131 06:36 - 20:50 49° 	23 236 - 130 06:37 - 20:48 49° 	24 237 - 129 06:39 - 20:45 48° 	25 238 - 128 06:41 - 20:43 48°
35	26 239 - 127 06:42 - 20:41 48° 	27 240 - 126 06:44 - 20:39 47° 	28 241 - 125 06:46 - 20:36 47° 	29 242 - 124 06:47 - 20:34 47° 	30 243 - 123 06:49 - 20:32 46° 	31 244 - 122 06:51 - 20:30 46° 	