

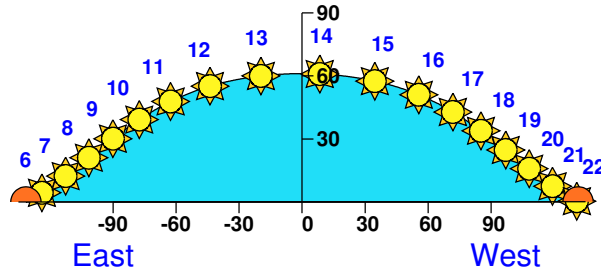
Sun Calendar 2017

Produced by *ScientiDev*
www.scientidev.fr

Amsterdam

4.9°E, 52.35°N

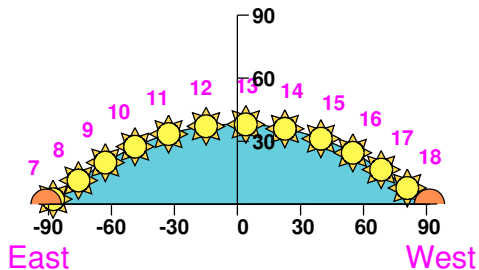
Summer



June 21

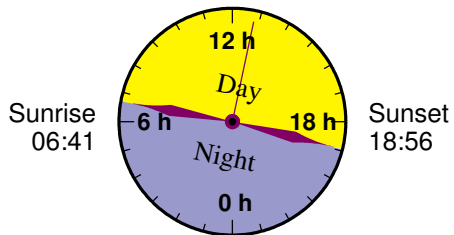


Spring



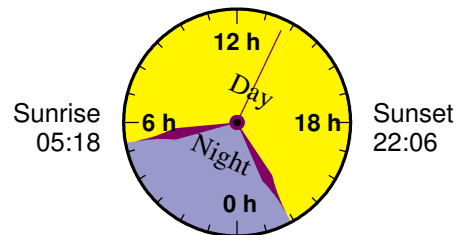
March 21

Day duration 12:15



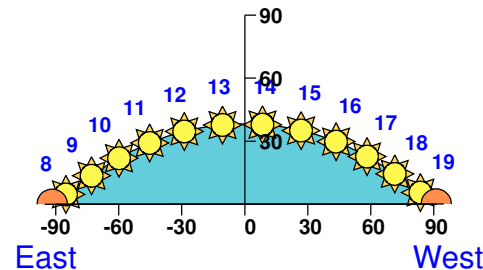
Spring Equinox

Day duration 16:48



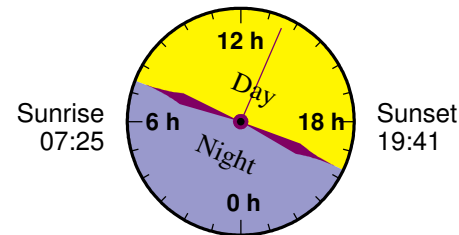
Summer Solstice

Autumn



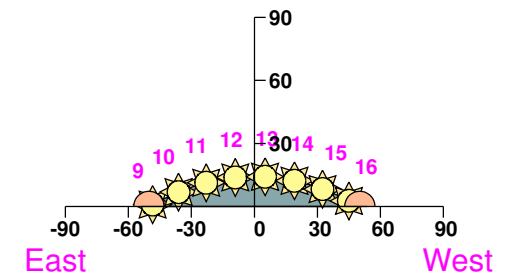
Sept. 21

Day duration 12:16



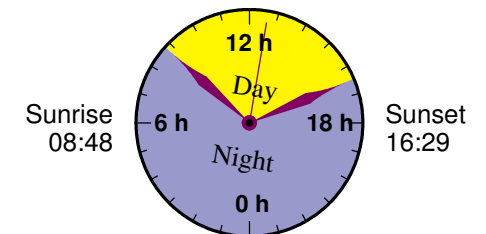
Autumn Equinox

Winter



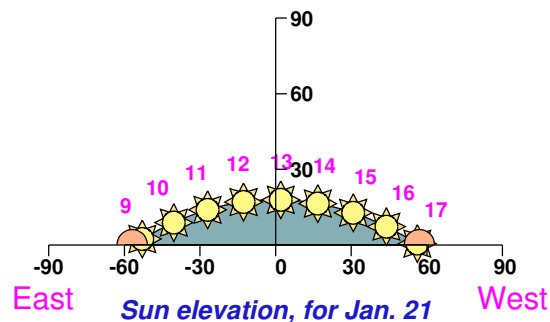
Dec. 21

Day duration 7:41



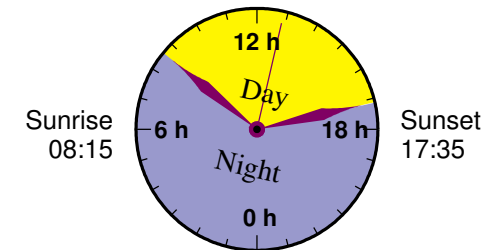
Winter Solstice

January 2017



Amsterdam

4.9°E, 52.35°N



Duration of the day, for January 21

Sunrise and Sunset at Amsterdam (TL ± 1 mn)

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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

1

2 2 - 363
08:50 - 16:39

7:49 +2 m. 15°

3 3 - 362
08:50 - 16:40

7:50 +1 m. 15°

4 4 - 361
08:50 - 16:42

7:52 +2 m. 15°

5 5 - 360
08:49 - 16:43

7:53 +1 m. 15°

6 6 - 359
08:49 - 16:44

7:55 +2 m. 15°

7 7 - 358
08:49 - 16:46

7:57 +2 m. 15°

8 8 - 357
08:48 - 16:47

7:58 +1 m. 16°

2

9 9 - 356
08:48 - 16:48

8:00 +2 m. 16°

10 10 - 355
08:47 - 16:50

8:02 +2 m. 16°

11 11 - 354
08:46 - 16:51

8:05 +3 m. 16°

12 12 - 353
08:46 - 16:53

8:07 +2 m. 16°

13 13 - 352
08:45 - 16:54

8:09 +2 m. 16°

14 14 - 351
08:44 - 16:56

8:12 +3 m. 16°

15 15 - 350
08:43 - 16:57

8:14 +2 m. 17°

3

16 16 - 349
08:42 - 16:59

8:16 +2 m. 17°

17 17 - 348
08:41 - 17:01

8:19 +3 m. 17°

18 18 - 347
08:40 - 17:02

8:22 +3 m. 17°

19 19 - 346
08:39 - 17:04

8:25 +3 m. 17°

20 20 - 345
08:38 - 17:06

8:27 +2 m. 18°

21 21 - 344
08:37 - 17:08

8:30 +3 m. 18°

22 22 - 343
08:36 - 17:09

8:33 +3 m. 18°

4

23 23 - 342
08:34 - 17:11

8:36 +3 m. 18°

24 24 - 341
08:33 - 17:13

8:39 +3 m. 19°

25 25 - 340
08:32 - 17:15

8:42 +3 m. 19°

26 26 - 339
08:30 - 17:16

8:46 +4 m. 19°

27 27 - 338
08:29 - 17:18

8:49 +3 m. 19°

28 28 - 337
08:28 - 17:20

8:52 +3 m. 20°

29 29 - 336
08:26 - 17:22

8:55 +3 m. 20°

5

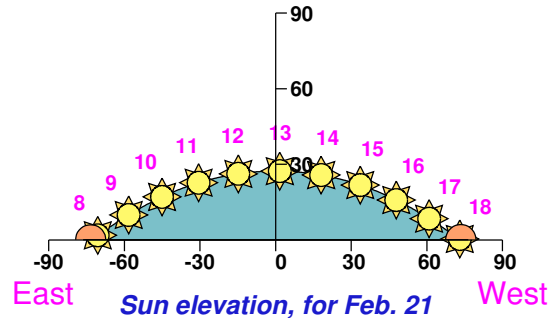
30 30 - 335
08:25 - 17:24

8:59 +4 m. 20°

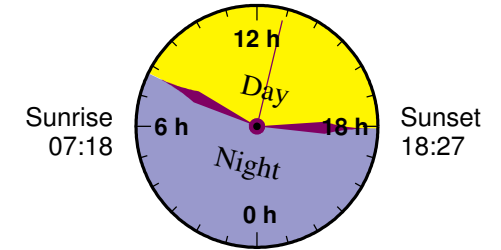
31 31 - 334
08:23 - 17:26

9:02 +3 m. 20°

February 2017



Amsterdam
4.9°E, 52.35°N

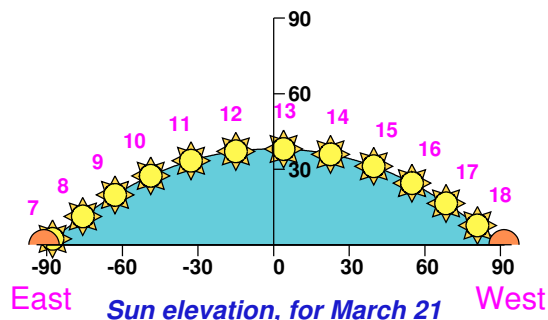


Sunrise and Sunset at Amsterdam (TL ± 1 mn)

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

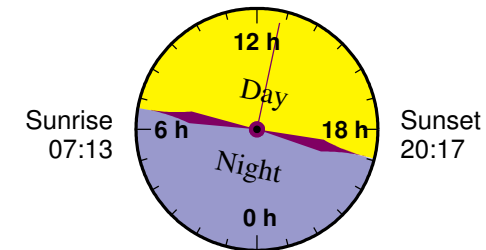
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
5			1 32 - 333 08:21 - 17:28 9:06 +4 m. 21°	2 33 - 332 08:20 - 17:29 9:09 +3 m. 21°	3 34 - 331 08:18 - 17:31 9:13 +4 m. 21°	4 35 - 330 08:16 - 17:33 9:16 +3 m. 22°	5 36 - 329 08:15 - 17:35 9:20 +4 m. 22°
6	6 37 - 328 08:13 - 17:37 9:23 +3 m. 22°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

March 2017



Amsterdam

4.9°E, 52.35°N



Duration of the day, for March 21

Sunrise and Sunset at Amsterdam (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
07:27 - 18:20

10:54 +4 m. 30°

2 61 - 304
07:24 - 18:22

10:58 +4 m. 31°

3 62 - 303
07:22 - 18:24

11:02 +4 m. 31°

4 63 - 302
07:20 - 18:26

11:06 +4 m. 31°

5 64 - 301
07:18 - 18:27

11:10 +4 m. 32°

10

6 65 - 300
07:15 - 18:29

11:14 +4 m. 32°

7 66 - 299
07:13 - 18:31

11:18 +4 m. 33°

8 67 - 298
07:11 - 18:33

11:22 +4 m. 33°

9 68 - 297
07:09 - 18:35

11:26 +4 m. 33°

10 69 - 296
07:06 - 18:36

11:30 +4 m. 34°

11 70 - 295
07:04 - 18:38

11:34 +4 m. 34°

12 71 - 294
07:02 - 18:40

11:38 +4 m. 35°

11

13 72 - 293
06:59 - 18:42

11:42 +4 m. 35°

14 73 - 292
06:57 - 18:43

11:47 +5 m. 35°

15 74 - 291
06:55 - 18:45

11:51 +4 m. 36°

16 75 - 290
06:52 - 18:47

11:55 +4 m. 36°

17 76 - 289
06:50 - 18:49

11:59 +4 m. 37°

18 77 - 288
06:48 - 18:50

12:03 +4 m. 37°

19 78 - 287
06:45 - 18:52

12:07 +4 m. 37°

12

20 79 - 286
06:43 - 18:54

12:11 +4 m. 38°

21 80 - 285
06:41 - 18:56

12:15 +4 m. 38°

22 81 - 284
06:38 - 18:58

12:19 +4 m. 38°

23 82 - 283
06:36 - 18:59

12:23 +4 m. 39°

24 83 - 282
06:34 - 19:01

12:28 +5 m. 39°

25 84 - 281
06:31 - 19:03

12:32 +4 m. 40°

26 85 - 280
07:29 - 20:05

12:36 +4 m. 40°

13

27 86 - 279
07:27 - 20:06

12:40 +4 m. 40°

28 87 - 278
07:24 - 20:08

12:44 +4 m. 41°

29 88 - 277
07:22 - 20:10

12:48 +4 m. 41°

30 89 - 276
07:20 - 20:11

12:52 +4 m. 42°

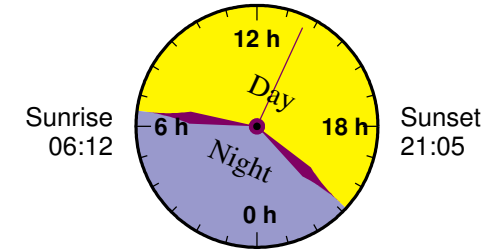
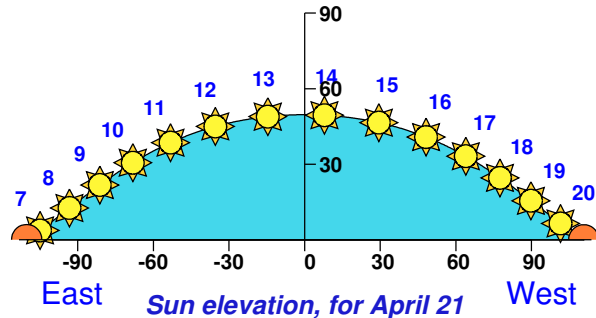
31 90 - 275
07:17 - 20:13

12:56 +4 m. 42°

April 2017

Amsterdam

4.9°E, 52.35°N



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

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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

13

14

15

16

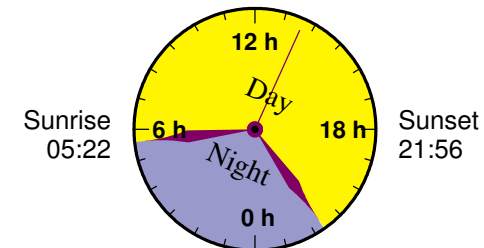
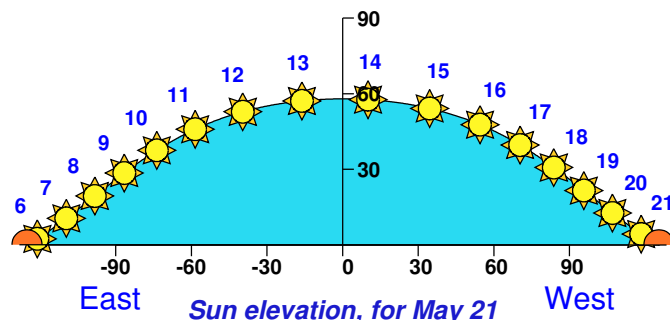
17

1	91 - 274 07:15 - 20:15	13:00	+4 m.	42°
2	92 - 273 07:13 - 20:17	13:04	+4 m.	43°
3	93 - 272 07:10 - 20:18	13:08	+4 m.	43°
4	94 - 271 07:08 - 20:20	13:12	+4 m.	44°
5	95 - 270 07:06 - 20:22	13:16	+4 m.	44°
6	96 - 269 07:03 - 20:24	13:20	+4 m.	44°
7	97 - 268 07:01 - 20:25	13:24	+4 m.	45°
8	98 - 267 06:59 - 20:27	13:28	+4 m.	45°
9	99 - 266 06:56 - 20:29	13:32	+4 m.	45°
10	100 - 265 06:54 - 20:31	13:36	+4 m.	46°
11	101 - 264 06:52 - 20:32	13:40	+4 m.	46°
12	102 - 263 06:50 - 20:34	13:44	+4 m.	47°
13	103 - 262 06:47 - 20:36	13:48	+4 m.	47°
14	104 - 261 06:45 - 20:38	13:52	+4 m.	47°
15	105 - 260 06:43 - 20:39	13:56	+4 m.	48°
16	106 - 259 06:41 - 20:41	14:00	+4 m.	48°
17	107 - 258 06:39 - 20:43	14:04	+4 m.	48°
18	108 - 257 06:36 - 20:44	14:08	+4 m.	49°
19	109 - 256 06:34 - 20:46	14:12	+4 m.	49°
20	110 - 255 06:32 - 20:48	14:16	+4 m.	49°
21	111 - 254 06:30 - 20:50	14:20	+4 m.	50°
22	112 - 253 06:28 - 20:51	14:24	+4 m.	50°
23	113 - 252 06:26 - 20:53	14:27	+3 m.	50°
24	114 - 251 06:24 - 20:55	14:31	+4 m.	51°
25	115 - 250 06:22 - 20:57	14:35	+4 m.	51°
26	116 - 249 06:20 - 20:58	14:39	+4 m.	51°
27	117 - 248 06:18 - 21:00	14:42	+3 m.	52°
28	118 - 247 06:16 - 21:02	14:46	+4 m.	52°
29	119 - 246 06:14 - 21:03	14:50	+4 m.	52°
30	120 - 245 06:12 - 21:05	14:54	+4 m.	53°

May 2017

Amsterdam

4.9°E, 52.35°N



Duration of the day, for May 21

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

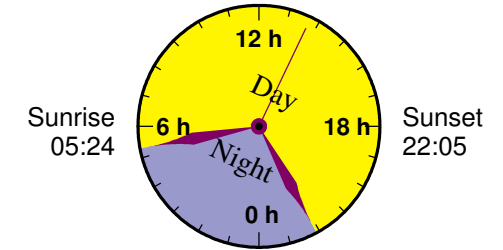
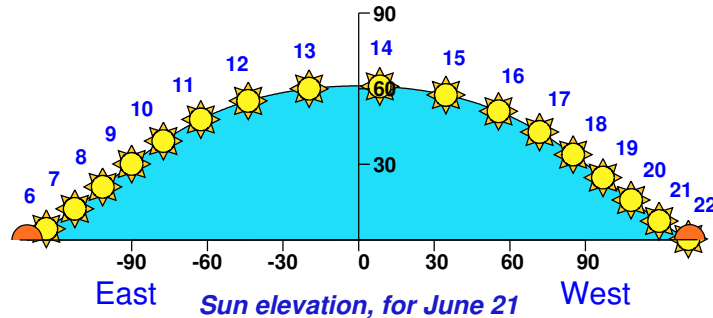
Duration of the day - Variation - Sun maximal elevation (°)

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
18	1 121 - 244 06:10 - 21:07 14:57 +3 m. 53°	2 122 - 243 06:08 - 21:09 15:01 +4 m. 53°	3 123 - 242 06:06 - 21:10 15:05 +4 m. 53°	4 124 - 241 06:04 - 21:12 15:08 +3 m. 54°	5 125 - 240 06:02 - 21:14 15:12 +4 m. 54°	6 126 - 239 06:00 - 21:15 15:15 +3 m. 54°	7 127 - 238 05:58 - 21:17 15:19 +4 m. 55°
19	8 128 - 237 05:57 - 21:19 15:22 +3 m. 55°	9 129 - 236 05:55 - 21:20 15:25 +3 m. 55°	10 130 - 235 05:53 - 21:22 15:29 +4 m. 55°	11 131 - 234 05:51 - 21:23 15:32 +3 m. 56°	12 132 - 233 05:50 - 21:25 15:35 +3 m. 56°	13 133 - 232 05:48 - 21:27 15:38 +3 m. 56°	14 134 - 231 05:47 - 21:28 15:42 +4 m. 56°
20	15 135 - 230 05:45 - 21:30 15:45 +3 m. 57°	16 136 - 229 05:44 - 21:31 15:48 +3 m. 57°	17 137 - 228 05:42 - 21:33 15:51 +3 m. 57°	18 138 - 227 05:41 - 21:34 15:54 +3 m. 57°	19 139 - 226 05:39 - 21:36 15:57 +3 m. 58°	20 140 - 225 05:38 - 21:37 16:00 +3 m. 58°	21 141 - 224 05:36 - 21:39 16:02 +2 m. 58°
21	22 142 - 223 05:35 - 21:40 16:05 +3 m. 58°	23 143 - 222 05:34 - 21:42 16:08 +3 m. 58°	24 144 - 221 05:33 - 21:43 16:10 +2 m. 59°	25 145 - 220 05:32 - 21:44 16:13 +3 m. 59°	26 146 - 219 05:30 - 21:46 16:15 +2 m. 59°	27 147 - 218 05:29 - 21:47 16:18 +3 m. 59°	28 148 - 217 05:28 - 21:48 16:20 +2 m. 59°
22	29 149 - 216 05:27 - 21:49 16:22 +2 m. 59°	30 150 - 215 05:26 - 21:51 16:24 +2 m. 59°	31 151 - 214 05:25 - 21:52 16:26 +2 m. 60°				

June 2017

Amsterdam

4.9°E, 52.35°N



Duration of the day, for June 21

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

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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

22

1 152 - 213
05:25 - 21:53

16:28 +2 m. 60°

2 153 - 212
05:24 - 21:54

16:30 +2 m. 60°

3 154 - 211
05:23 - 21:55

16:32 +2 m. 60°

4 155 - 210
05:22 - 21:56

16:34 +2 m. 60°

23

5 156 - 209
05:22 - 21:57

16:36 +2 m. 60°

6 157 - 208
05:21 - 21:58

16:37 +1 m. 60°

7 158 - 207
05:21 - 21:59

16:38 +1 m. 60°

8 159 - 206
05:20 - 22:00

16:40 +2 m. 61°

9 160 - 205
05:20 - 22:01

16:41 +1 m. 61°

10 161 - 204
05:19 - 22:01

16:42 +1 m. 61°

11 162 - 203
05:19 - 22:02

16:43 +1 m. 61°

24

12 163 - 202
05:19 - 22:03

16:44 +1 m. 61°

13 164 - 201
05:18 - 22:03

16:45 +1 m. 61°

14 165 - 200
05:18 - 22:04

16:46 +1 m. 61°

15 166 - 199
05:18 - 22:04

16:47 +1 m. 61°

16 167 - 198
05:18 - 22:05

16:47 +0 m. 61°

17 168 - 197
05:18 - 22:05

16:48 +1 m. 61°

18 169 - 196
05:18 - 22:06

16:48 +0 m. 61°

25

19 170 - 195
05:18 - 22:06

16:48 +0 m. 61°

20 171 - 194
05:18 - 22:06

16:48 +0 m. 61°

21 172 - 193
05:18 - 22:06

16:48 +0 m. 61°

22 173 - 192
05:19 - 22:07

16:48 +0 m. 61°

23 174 - 191
05:19 - 22:07

16:48 +0 m. 61°

24 175 - 190
05:19 - 22:07

16:48 +0 m. 61°

25 176 - 189
05:20 - 22:07

16:47 -1 m. 61°

26

26 177 - 188
05:20 - 22:07

16:47 +0 m. 61°

27 178 - 187
05:21 - 22:07

16:46 -1 m. 61°

28 179 - 186
05:21 - 22:06

16:45 -1 m. 61°

29 180 - 185
05:22 - 22:06

16:45 +0 m. 61°

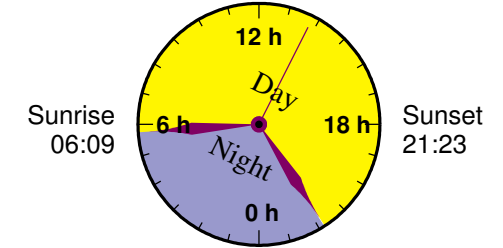
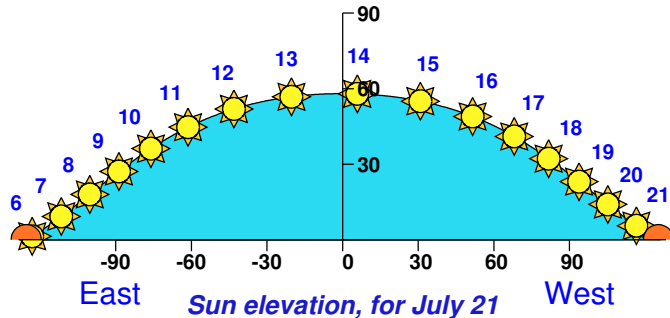
30 181 - 184
05:22 - 22:06

16:44 -1 m. 61°

July 2017

Amsterdam

4.9°E, 52.35°N



Duration of the day, for July 21

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

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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

26

27

28

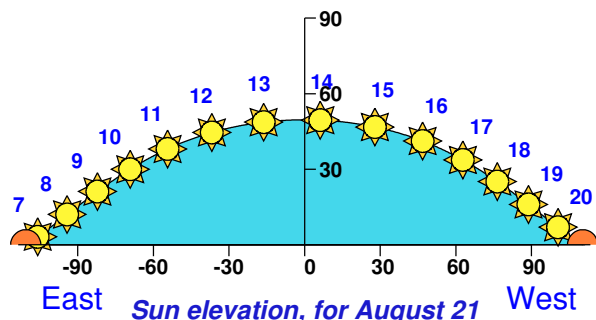
29

30

31

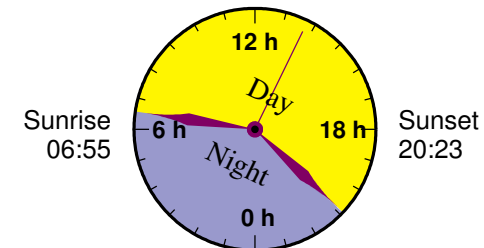
3 184 - 181 05:25 - 22:05 16:40-2 m.61°	4 185 - 180 05:25 - 22:04 16:39-1 m.60°	5 186 - 179 05:26 - 22:04 16:38-1 m.60°	6 187 - 178 05:27 - 22:03 16:36-2 m.60°	7 188 - 177 05:28 - 22:02 16:34-2 m.60°	8 189 - 176 05:29 - 22:02 16:33-1 m.60°	9 190 - 175 05:30 - 22:01 16:31-2 m.60°
10 191 - 174 05:31 - 22:00 16:29-2 m.60°	11 192 - 173 05:32 - 21:59 16:27-2 m.60°	12 193 - 172 05:33 - 21:59 16:25-2 m.60°	13 194 - 171 05:34 - 21:58 16:23-2 m.59°	14 195 - 170 05:36 - 21:57 16:21-2 m.59°	15 196 - 169 05:37 - 21:56 16:19-2 m.59°	16 197 - 168 05:38 - 21:54 16:16-3 m.59°
17 198 - 167 05:39 - 21:53 16:14-2 m.59°	18 199 - 166 05:41 - 21:52 16:11-3 m.59°	19 200 - 165 05:42 - 21:51 16:09-2 m.58°	20 201 - 164 05:43 - 21:50 16:06-3 m.58°	21 202 - 163 05:45 - 21:48 16:04-2 m.58°	22 203 - 162 05:46 - 21:47 16:01-3 m.58°	23 204 - 161 05:48 - 21:46 15:58-3 m.58°
24 205 - 160 05:49 - 21:44 15:55-3 m.57°	25 206 - 159 05:50 - 21:43 15:52-3 m.57°	26 207 - 158 05:52 - 21:41 15:49-3 m.57°	27 208 - 157 05:53 - 21:40 15:46-3 m.57°	28 209 - 156 05:55 - 21:38 15:43-3 m.57°	29 210 - 155 05:56 - 21:37 15:40-3 m.56°	30 211 - 154 05:58 - 21:35 15:37-3 m.56°
31 212 - 153 06:00 - 21:33 15:34-3 m.56°						

August 2017



Amsterdam

4.9°E, 52.35°N



Duration of the day, for August 21

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

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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

31

1 213 - 152
06:01 - 21:32

15:31 -3 m. 56°

2 214 - 151
06:03 - 21:30

15:27 -4 m. 55°

3 215 - 150
06:04 - 21:28

15:24 -3 m. 55°

4 216 - 149
06:06 - 21:26

15:21 -3 m. 55°

5 217 - 148
06:07 - 21:25

15:17 -4 m. 55°

6 218 - 147
06:09 - 21:23

15:14 -3 m. 54°

32

7 219 - 146
06:11 - 21:21

15:10 -4 m. 54°

8 220 - 145
06:12 - 21:19

15:07 -3 m. 54°

9 221 - 144
06:14 - 21:17

15:03 -4 m. 53°

10 222 - 143
06:16 - 21:15

15:00 -3 m. 53°

11 223 - 142
06:17 - 21:13

14:56 -4 m. 53°

12 224 - 141
06:19 - 21:11

14:53 -3 m. 52°

13 225 - 140
06:20 - 21:09

14:49 -4 m. 52°

33

14 226 - 139
06:22 - 21:07

14:45 -4 m. 52°

15 227 - 138
06:24 - 21:05

14:42 -3 m. 52°

16 228 - 137
06:25 - 21:03

14:38 -4 m. 51°

17 229 - 136
06:27 - 21:01

14:34 -4 m. 51°

18 230 - 135
06:29 - 20:59

14:30 -4 m. 51°

19 231 - 134
06:30 - 20:57

14:27 -3 m. 50°

20 232 - 133
06:32 - 20:55

14:23 -4 m. 50°

34

21 233 - 132
06:34 - 20:53

14:19 -4 m. 50°

22 234 - 131
06:35 - 20:50

14:15 -4 m. 49°

23 235 - 130
06:37 - 20:48

14:11 -4 m. 49°

24 236 - 129
06:39 - 20:46

14:08 -3 m. 49°

25 237 - 128
06:40 - 20:44

14:04 -4 m. 48°

26 238 - 127
06:42 - 20:42

14:00 -4 m. 48°

27 239 - 126
06:44 - 20:39

13:56 -4 m. 48°

35

28 240 - 125
06:45 - 20:37

13:52 -4 m. 47°

29 241 - 124
06:47 - 20:35

13:48 -4 m. 47°

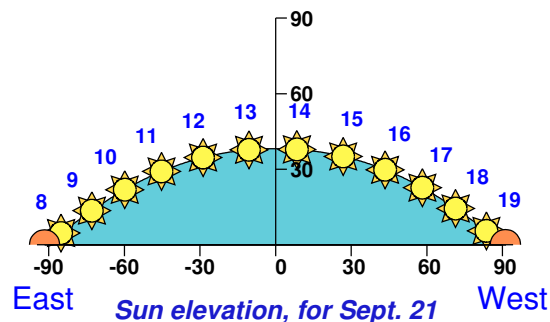
30 242 - 123
06:49 - 20:33

13:44 -4 m. 46°

31 243 - 122
06:50 - 20:30

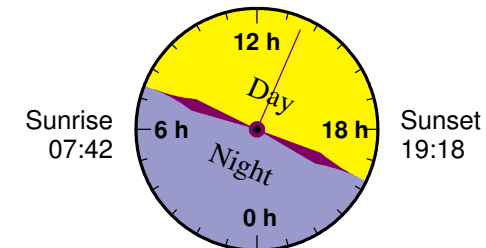
13:40 -4 m. 46°

September 2017



Amsterdam

4.9°E, 52.35°N



Duration of the day, for September 21

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

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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

35

36

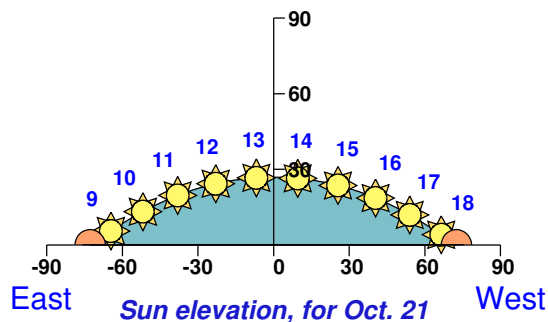
37

38

39

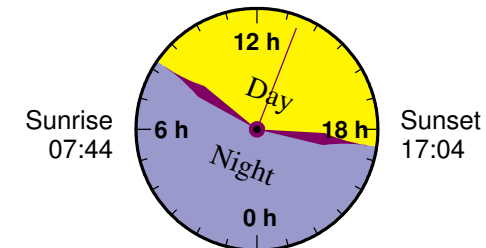
4 247 - 118 06:57 - 20:21 13:24 -4 m. 45°	5 248 - 117 06:58 - 20:19 13:20 -4 m. 44°	6 249 - 116 07:00 - 20:16 13:16 -4 m. 44°	7 250 - 115 07:02 - 20:14 13:13 -3 m. 44°	8 251 - 114 07:03 - 20:12 13:08 -5 m. 43°	9 252 - 113 07:05 - 20:09 13:04 -4 m. 43°	10 253 - 112 07:07 - 20:07 13:00 -4 m. 42°
11 254 - 111 07:08 - 20:05 12:56 -4 m. 42°	12 255 - 110 07:10 - 20:02 12:52 -4 m. 42°	13 256 - 109 07:12 - 20:00 12:48 -4 m. 41°	14 257 - 108 07:13 - 19:58 12:44 -4 m. 41°	15 258 - 107 07:15 - 19:55 12:40 -4 m. 41°	16 259 - 106 07:17 - 19:53 12:36 -4 m. 40°	17 260 - 105 07:18 - 19:51 12:32 -4 m. 40°
18 261 - 104 07:20 - 19:48 12:28 -4 m. 39°	19 262 - 103 07:22 - 19:46 12:24 -4 m. 39°	20 263 - 102 07:23 - 19:44 12:20 -4 m. 39°	21 264 - 101 07:25 - 19:41 12:16 -4 m. 38°	22 265 - 100 07:27 - 19:39 12:12 -4 m. 38°	23 266 - 99 07:28 - 19:36 12:08 -4 m. 37°	24 267 - 98 07:30 - 19:34 12:04 -4 m. 37°
25 268 - 97 07:32 - 19:32 12:00 -4 m. 37°	26 269 - 96 07:33 - 19:29 11:56 -4 m. 36°	27 270 - 95 07:35 - 19:27 11:52 -4 m. 36°	28 271 - 94 07:37 - 19:25 11:48 -4 m. 35°	29 272 - 93 07:38 - 19:22 11:44 -4 m. 35°	30 273 - 92 07:40 - 19:20 11:40 -4 m. 35°	

October 2017



Amsterdam

4.9°E, 52.35°N



Duration of the day, for October 21

Sunrise and Sunset at Amsterdam (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

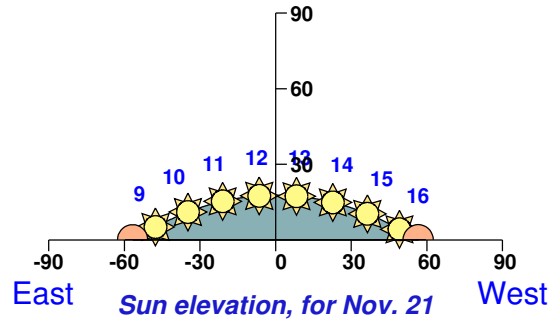
42

43

44

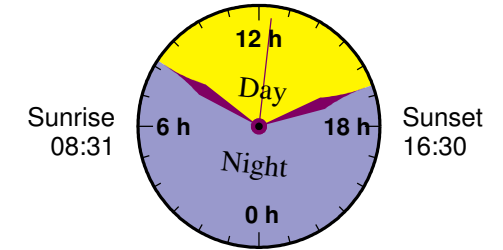
2 275 - 90 07:43 - 19:15 11:32 -4 m. 34°	3 276 - 89 07:45 - 19:13 11:28 -4 m. 34°	4 277 - 88 07:47 - 19:11 11:24 -4 m. 33°	5 278 - 87 07:49 - 19:08 11:20 -4 m. 33°	6 279 - 86 07:50 - 19:06 11:16 -4 m. 32°	7 280 - 85 07:52 - 19:04 11:12 -4 m. 32°	8 281 - 84 07:54 - 19:01 11:08 -4 m. 32°
9 282 - 83 07:55 - 18:59 11:04 -4 m. 31°	10 283 - 82 07:57 - 18:57 11:00 -4 m. 31°	11 284 - 81 07:59 - 18:55 10:56 -4 m. 30°	12 285 - 80 08:01 - 18:52 10:52 -4 m. 30°	13 286 - 79 08:02 - 18:50 10:48 -4 m. 30°	14 287 - 78 08:04 - 18:48 10:44 -4 m. 29°	15 288 - 77 08:06 - 18:46 10:40 -4 m. 29°
16 289 - 76 08:08 - 18:44 10:36 -4 m. 29°	17 290 - 75 08:09 - 18:41 10:32 -4 m. 28°	18 291 - 74 08:11 - 18:39 10:28 -4 m. 28°	19 292 - 73 08:13 - 18:37 10:24 -4 m. 28°	20 293 - 72 08:15 - 18:35 10:20 -4 m. 27°	21 294 - 71 08:17 - 18:33 10:16 -4 m. 27°	22 295 - 70 08:18 - 18:31 10:12 -4 m. 26°
23 296 - 69 08:20 - 18:29 10:09 -3 m. 26°	24 297 - 68 08:22 - 18:27 10:05 -4 m. 26°	25 298 - 67 Polar Night 	26 299 - 66 08:26 - 18:23 9:57 +597 m. 25°	27 300 - 65 08:27 - 18:21 9:53 -4 m. 25°	28 301 - 64 08:29 - 18:19 9:49 -4 m. 24°	29 302 - 63 07:31 - 17:17 9:45 -4 m. 24°
30 303 - 62 07:33 - 17:15 9:41 -4 m. 24°	31 304 - 61 07:35 - 17:13 9:38 -3 m. 23°					

November 2017



Amsterdam

4.9°E, 52.35°N



Duration of the day, for November 21

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

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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

44

1 305 - 60 07:37 - 17:11 9:34 -4 m. 23°	2 306 - 59 07:38 - 17:09 9:30 -4 m. 23°	3 307 - 58 07:40 - 17:07 9:27 -3 m. 22°	4 308 - 57 07:42 - 17:06 9:23 -4 m. 22°	5 309 - 56 07:44 - 17:04 9:19 -4 m. 22°
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45

6 310 - 55 07:46 - 17:02 9:16 -3 m. 22°	7 311 - 54 07:48 - 17:00 9:12 -4 m. 21°	8 312 - 53 07:49 - 16:59 9:09 -3 m. 21°	9 313 - 52 07:51 - 16:57 9:06 -3 m. 21°	10 314 - 51 07:53 - 16:55 9:02 -4 m. 20°	11 315 - 50 07:55 - 16:54 8:59 -3 m. 20°	12 316 - 49 07:57 - 16:52 8:55 -4 m. 20°
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46

13 317 - 48 07:58 - 16:51 8:52 -3 m. 20°	14 318 - 47 08:00 - 16:49 8:49 -3 m. 19°	15 319 - 46 08:02 - 16:48 8:46 -3 m. 19°	16 320 - 45 08:04 - 16:46 8:42 -4 m. 19°	17 321 - 44 08:05 - 16:45 8:39 -3 m. 19°	18 322 - 43 08:07 - 16:44 8:36 -3 m. 18°	19 323 - 42 08:09 - 16:43 8:33 -3 m. 18°
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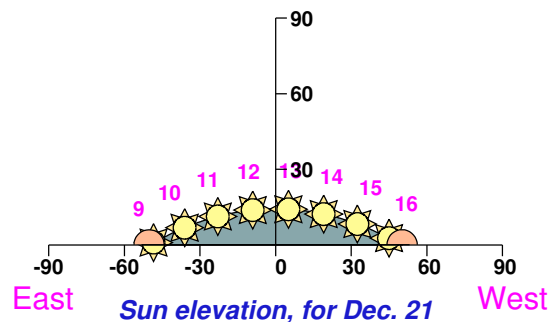
47

20 324 - 41 08:11 - 16:41 8:30 -3 m. 18°	21 325 - 40 08:12 - 16:40 8:27 -3 m. 18°	22 326 - 39 08:14 - 16:39 8:25 -2 m. 17°	23 327 - 38 08:16 - 16:38 8:22 -3 m. 17°	24 328 - 37 08:17 - 16:37 8:19 -3 m. 17°	25 329 - 36 08:19 - 16:36 8:17 -2 m. 17°	26 330 - 35 08:20 - 16:35 8:14 -3 m. 17°
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48

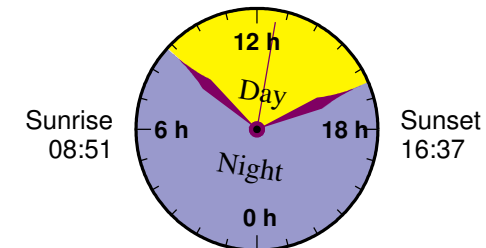
27 331 - 34 08:22 - 16:34 8:12 -2 m. 17°	28 332 - 33 08:24 - 16:33 8:09 -3 m. 16°	29 333 - 32 08:25 - 16:32 8:07 -2 m. 16°	30 334 - 31 08:27 - 16:32 8:05 -2 m. 16°
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December 2017



Amsterdam

4.9°E, 52.35°N



Duration of the day, for December 21

Sunrise and Sunset at Amsterdam (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 08:32 - 16:29 7:57-2 m.15°	5 339 - 26 08:33 - 16:29 7:55-2 m.15°	6 340 - 25 08:35 - 16:28 7:53-2 m.15°	7 341 - 24 08:36 - 16:28 7:52-1 m.15°	8 342 - 23 08:37 - 16:28 7:50-2 m.15°	9 343 - 22 08:38 - 16:27 7:49-1 m.15°	10 344 - 21 08:39 - 16:27 7:47-2 m.15°
11 345 - 20 08:40 - 16:27 7:46-1 m.15°	12 346 - 19 08:41 - 16:27 7:45-1 m.15°	13 347 - 18 08:42 - 16:27 7:44-1 m.15°	14 348 - 17 08:43 - 16:27 7:43-1 m.14°	15 349 - 16 08:44 - 16:27 7:43+0 m.14°	16 350 - 15 08:45 - 16:27 7:42-1 m.14°	17 351 - 14 08:46 - 16:28 7:41-1 m.14°
18 352 - 13 08:46 - 16:28 7:41+0 m.14°	19 353 - 12 08:47 - 16:28 7:41+0 m.14°	20 354 - 11 08:48 - 16:29 7:41+0 m.14°	21 355 - 10 08:48 - 16:29 7:41+0 m.14°	22 356 - 9 08:49 - 16:30 7:41+0 m.14°	23 357 - 8 08:49 - 16:30 7:41+0 m.14°	24 358 - 7 08:50 - 16:31 7:41+0 m.14°
25 359 - 6 08:50 - 16:32 7:41+0 m.14°	26 360 - 5 08:50 - 16:32 7:42+1 m.14°	27 361 - 4 08:50 - 16:33 7:42+0 m.14°	28 362 - 3 08:51 - 16:34 7:43+1 m.14°	29 363 - 2 08:51 - 16:35 7:44+1 m.15°	30 364 - 1 08:51 - 16:36 7:45+1 m.15°	31 365 - 0 08:51 - 16:37 7:46+1 m.15°