

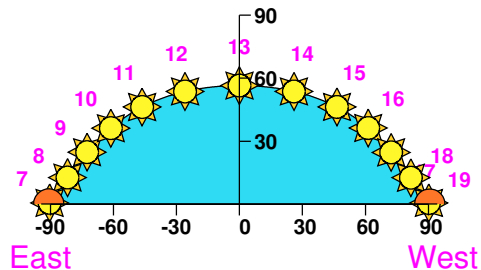
Sun Calendar 2017

Produced by *ScientiDev*
www.scientidev.fr

Los Angeles
-118.24°E, 34.05°N

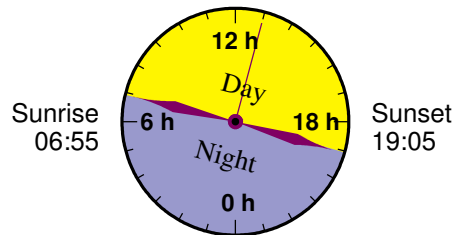


Spring



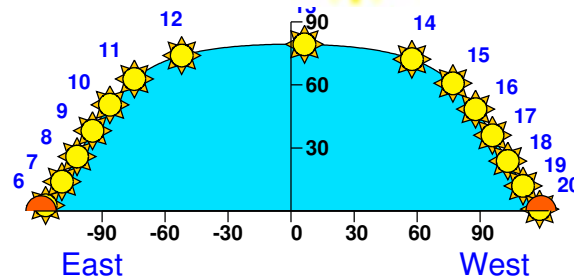
March 21

Day duration 12:10



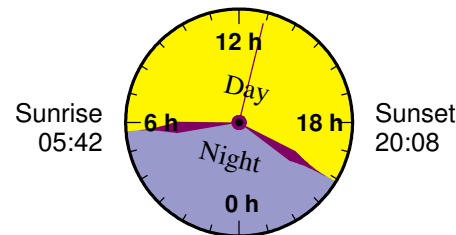
Spring Equinox

Summer



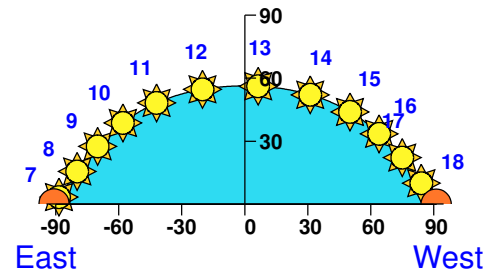
June 21

Day duration 14:25



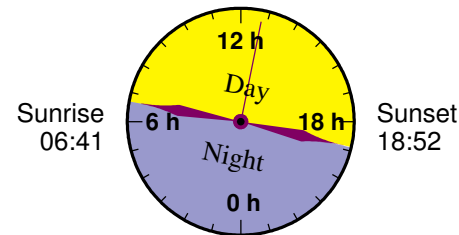
Summer Solstice

Autumn



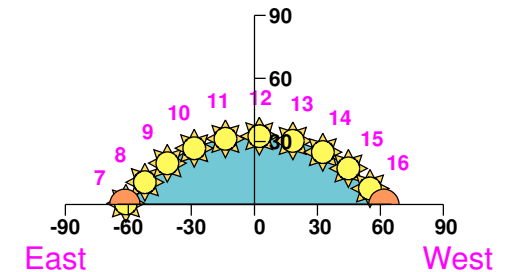
Sept. 21

Day duration 12:11



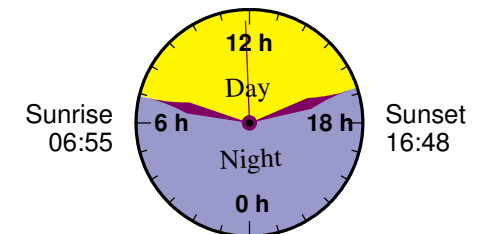
Autumn Equinox

Winter



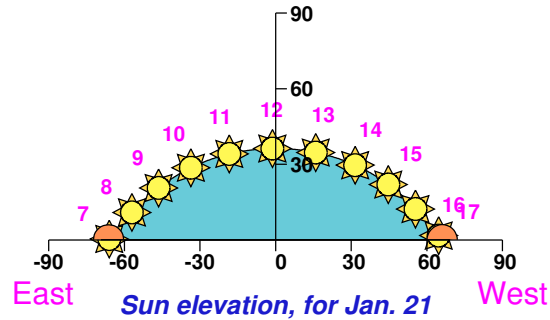
Dec. 21

Day duration 9:52

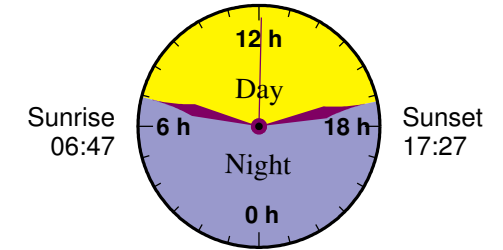


Winter Solstice

January 2017



Los Angeles
-118.24°E, 34.05°N



Duration of the day, for January 21

Sunrise and Sunset at Los Angeles (TL ± 1 mn)

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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

1

2 2 - 363
06:59 - 16:55

9:56 +1 m. 33°

3 3 - 362
06:59 - 16:56

9:56 +0 m. 33°

4 4 - 361
06:59 - 16:57

9:57 +1 m. 33°

5 5 - 360
06:59 - 16:58

9:58 +1 m. 33°

6 6 - 359
06:59 - 16:58

9:59 +1 m. 34°

7 7 - 358
06:59 - 16:59

9:59 +0 m. 34°

8 8 - 357
06:59 - 17:00

9:55 +0 m. 33°

2

9 9 - 356
06:59 - 17:01

10:02 +1 m. 34°

10 10 - 355
06:59 - 17:02

10:03 +1 m. 34°

11 11 - 354
06:59 - 17:03

10:04 +1 m. 34°

12 12 - 353
06:59 - 17:04

10:05 +1 m. 34°

13 13 - 352
06:59 - 17:05

10:06 +1 m. 35°

14 14 - 351
06:59 - 17:05

10:07 +1 m. 35°

15 15 - 350
06:58 - 17:06

10:08 +1 m. 35°

3

16 16 - 349
06:58 - 17:07

10:09 +1 m. 35°

17 17 - 348
06:58 - 17:08

10:11 +2 m. 35°

18 18 - 347
06:57 - 17:09

10:12 +1 m. 36°

19 19 - 346
06:57 - 17:10

10:13 +1 m. 36°

20 20 - 345
06:57 - 17:11

10:15 +2 m. 36°

21 21 - 344
06:56 - 17:12

10:16 +1 m. 36°

22 22 - 343
06:56 - 17:13

10:17 +1 m. 36°

4

23 23 - 342
06:55 - 17:14

10:19 +2 m. 37°

24 24 - 341
06:55 - 17:15

10:20 +1 m. 37°

25 25 - 340
06:54 - 17:16

10:22 +2 m. 37°

26 26 - 339
06:54 - 17:17

10:23 +1 m. 37°

27 27 - 338
06:53 - 17:18

10:25 +2 m. 38°

28 28 - 337
06:53 - 17:19

10:27 +2 m. 38°

29 29 - 336
06:52 - 17:20

10:28 +1 m. 38°

5

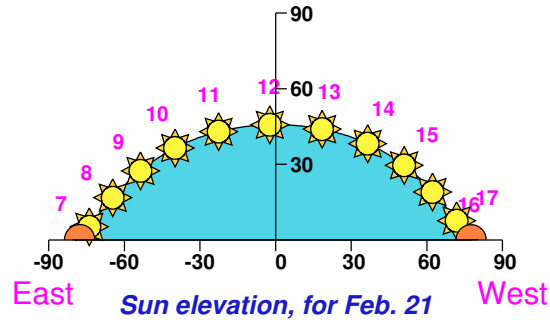
30 30 - 335
06:51 - 17:21

10:30 +2 m. 39°

31 31 - 334
06:51 - 17:22

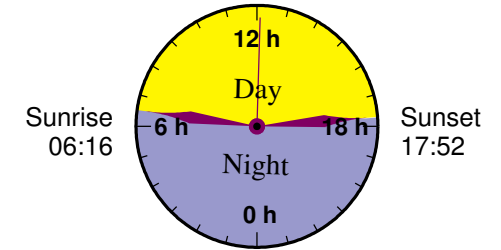
10:32 +2 m. 39°

February 2017



Los Angeles

-118.24°E, 34.05°N



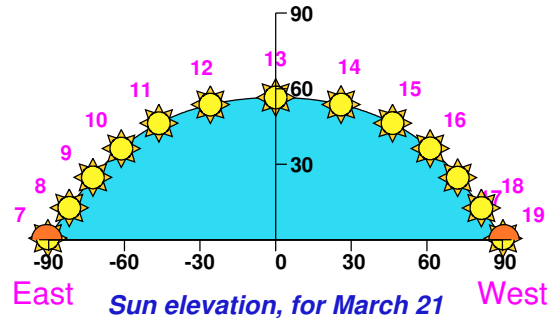
Duration of the day, for February 21

Sunrise and Sunset at Los Angeles (TL ± 1 mn)

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

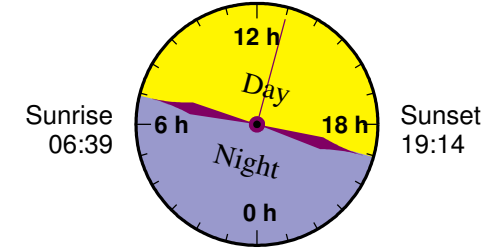
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
5			1 32 - 333 06:50 - 17:23 10:33 +1 m. 39°	2 33 - 332 06:49 - 17:24 10:35 +2 m. 39°	3 34 - 331 06:48 - 17:25 10:37 +2 m. 40°	4 35 - 330 06:48 - 17:26 10:38 +1 m. 40°	5 36 - 329 06:47 - 17:27 10:40 +2 m. 40°
6	6 37 - 328 06:46 - 17:28 10:42 +2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

March 2017



Los Angeles

-118.24°E, 34.05°N



Duration of the day, for March 21

Sunrise and Sunset at Los Angeles (TL ± 1 mn)

Time change March 12

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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

9

1 60 - 305 06:21 - 17:49 11:28 +2 m. 49°	2 61 - 304 06:20 - 17:50 11:30 +2 m. 49°	3 62 - 303 06:19 - 17:51 11:32 +2 m. 49°	4 63 - 302 06:18 - 17:51 11:34 +2 m. 50°	5 64 - 301 06:16 - 17:52 11:36 +2 m. 50°
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10

6 65 - 300 06:15 - 17:53 11:38 +2 m. 51°	7 66 - 299 06:14 - 17:54 11:40 +2 m. 51°	8 67 - 298 06:12 - 17:55 11:42 +2 m. 51°	9 68 - 297 06:11 - 17:56 11:45 +3 m. 52°	10 69 - 296 06:10 - 17:56 11:47 +2 m. 52°	11 70 - 295 06:08 - 17:57 11:49 +2 m. 53°	12 71 - 294 07:07 - 18:58 11:51 +2 m. 53°
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11

13 72 - 293 07:06 - 18:59 11:53 +2 m. 53°	14 73 - 292 07:04 - 19:00 11:55 +2 m. 54°	15 74 - 291 07:03 - 19:00 11:57 +2 m. 54°	16 75 - 290 07:02 - 19:01 12:00 +3 m. 55°	17 76 - 289 07:00 - 19:02 12:02 +2 m. 55°	18 77 - 288 06:59 - 19:03 12:04 +2 m. 55°	19 78 - 287 06:58 - 19:04 12:06 +2 m. 56°
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12

20 79 - 286 06:56 - 19:04 12:08 +2 m. 56°	21 80 - 285 06:55 - 19:05 12:10 +2 m. 57°	22 81 - 284 06:54 - 19:06 12:12 +2 m. 57°	23 82 - 283 06:52 - 19:07 12:14 +2 m. 57°	24 83 - 282 06:51 - 19:07 12:17 +3 m. 58°	25 84 - 281 06:50 - 19:08 12:19 +2 m. 58°	26 85 - 280 06:48 - 19:09 12:21 +2 m. 58°
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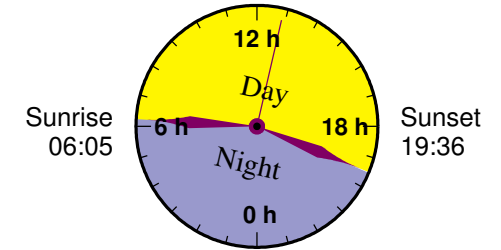
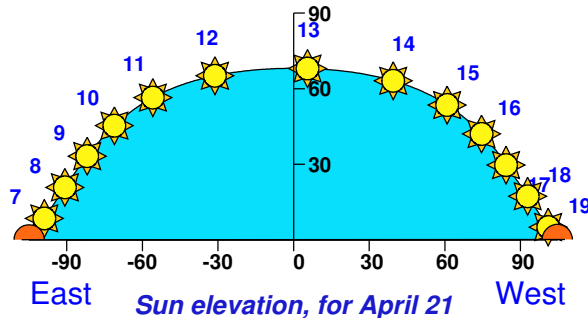
13

27 86 - 279 06:47 - 19:10 12:23 +2 m. 59°	28 87 - 278 06:45 - 19:10 12:25 +2 m. 59°	29 88 - 277 06:44 - 19:11 12:27 +2 m. 60°	30 89 - 276 06:43 - 19:12 12:29 +2 m. 60°	31 90 - 275 06:41 - 19:13 12:31 +2 m. 60°
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April 2017

Los Angeles

-118.24°E, 34.05°N



Sunrise and Sunset at Los Angeles (TL ± 1 mn)

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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

13

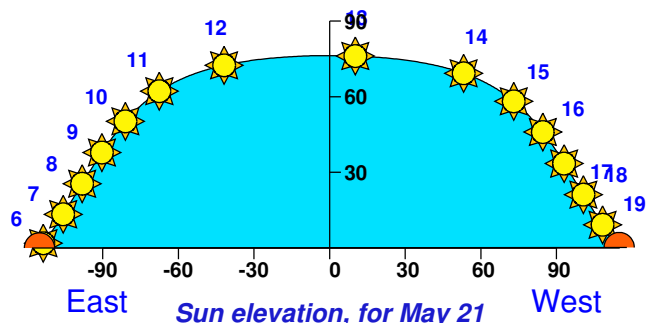
14

15

16

17

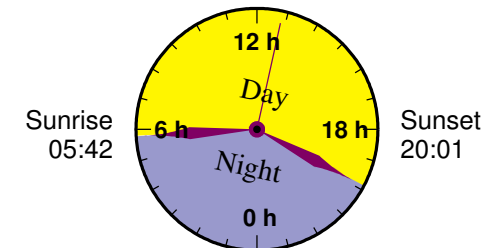
1	91 - 274 06:40 - 19:13	12:34	+3 m.	61°
2	92 - 273 06:39 - 19:14	12:36	+2 m.	61°
3	93 - 272 06:37 - 19:15	12:38	+2 m.	62°
4	94 - 271 06:36 - 19:16	12:40	+2 m.	62°
5	95 - 270 06:35 - 19:17	12:42	+2 m.	62°
6	96 - 269 06:33 - 19:17	12:44	+2 m.	63°
7	97 - 268 06:32 - 19:18	12:46	+2 m.	63°
8	98 - 267 06:31 - 19:19	12:48	+2 m.	63°
9	99 - 266 06:29 - 19:20	12:50	+2 m.	64°
10	100 - 265 06:28 - 19:20	12:52	+2 m.	64°
11	101 - 264 06:27 - 19:21	12:54	+2 m.	65°
12	102 - 263 06:26 - 19:22	12:56	+2 m.	65°
13	103 - 262 06:24 - 19:23	12:58	+2 m.	65°
14	104 - 261 06:23 - 19:23	13:01	+3 m.	66°
15	105 - 260 06:22 - 19:24	13:02	+1 m.	66°
16	106 - 259 06:20 - 19:25	13:05	+3 m.	66°
17	107 - 258 06:19 - 19:26	13:06	+1 m.	67°
18	108 - 257 06:18 - 19:26	13:08	+2 m.	67°
19	109 - 256 06:17 - 19:27	13:10	+2 m.	67°
20	110 - 255 06:16 - 19:28	13:12	+2 m.	68°
21	111 - 254 06:14 - 19:29	13:14	+2 m.	68°
22	112 - 253 06:13 - 19:30	13:16	+2 m.	68°
23	113 - 252 06:12 - 19:30	13:18	+2 m.	69°
24	114 - 251 06:11 - 19:31	13:20	+2 m.	69°
25	115 - 250 06:10 - 19:32	13:22	+2 m.	69°
26	116 - 249 06:09 - 19:33	13:24	+2 m.	70°
27	117 - 248 06:08 - 19:33	13:26	+2 m.	70°
28	118 - 247 06:07 - 19:34	13:28	+2 m.	70°
29	119 - 246 06:06 - 19:35	13:29	+1 m.	71°
30	120 - 245 06:05 - 19:36	13:31	+2 m.	71°



May 2017

Los Angeles

-118.24°E, 34.05°N



Duration of the day, for May 21

Sunrise and Sunset at Los Angeles (TL ± 1 mn)

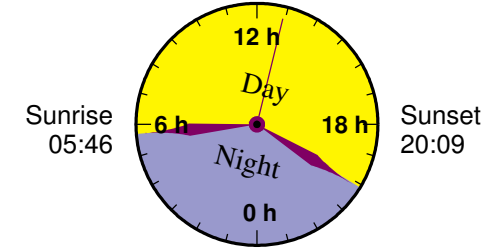
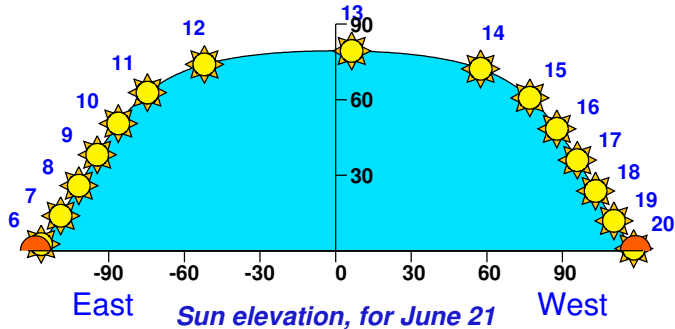
Duration of the day - Variation - Sun maximal elevation (°)

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
18	1 121 - 244 06:04 - 19:37 13:33 +2 m. 71°	2 122 - 243 06:03 - 19:37 13:35 +2 m. 72°	3 123 - 242 06:02 - 19:38 13:37 +2 m. 72°	4 124 - 241 06:01 - 19:39 13:38 +1 m. 72°	5 125 - 240 06:00 - 19:40 13:40 +2 m. 72°	6 126 - 239 05:59 - 19:40 13:42 +2 m. 73°	7 127 - 238 05:58 - 19:41 13:44 +2 m. 73°
19	8 128 - 237 05:57 - 19:42 13:45 +1 m. 73°	9 129 - 236 05:56 - 19:43 13:47 +2 m. 74°	10 130 - 235 05:55 - 19:44 13:48 +1 m. 74°	11 131 - 234 05:54 - 19:44 13:50 +2 m. 74°	12 132 - 233 05:54 - 19:45 13:52 +2 m. 74°	13 133 - 232 05:53 - 19:46 13:53 +1 m. 75°	14 134 - 231 05:52 - 19:47 13:55 +2 m. 75°
20	15 135 - 230 05:51 - 19:47 13:56 +1 m. 75°	16 136 - 229 05:51 - 19:48 13:58 +2 m. 75°	17 137 - 228 05:50 - 19:49 13:59 +1 m. 75°	18 138 - 227 05:49 - 19:50 14:00 +1 m. 76°	19 139 - 226 05:49 - 19:50 14:02 +2 m. 76°	20 140 - 225 05:48 - 19:51 14:03 +1 m. 76°	21 141 - 224 05:47 - 19:52 14:04 +1 m. 76°
21	22 142 - 223 05:47 - 19:52 14:06 +2 m. 76°	23 143 - 222 05:46 - 19:53 14:07 +1 m. 77°	24 144 - 221 05:46 - 19:54 14:08 +1 m. 77°	25 145 - 220 05:45 - 19:55 14:09 +1 m. 77°	26 146 - 219 05:45 - 19:55 14:10 +1 m. 77°	27 147 - 218 05:44 - 19:56 14:12 +2 m. 77°	28 148 - 217 05:44 - 19:57 14:13 +1 m. 78°
22	29 149 - 216 05:44 - 19:57 14:14 +1 m. 78°	30 150 - 215 05:43 - 19:58 14:15 +1 m. 78°	31 151 - 214 05:43 - 19:58 14:15 +0 m. 78°				

June 2017

Los Angeles

-118.24°E, 34.05°N



Duration of the day, for June 21

Sunrise and Sunset at Los Angeles (TL ± 1 mn)

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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

22

1 152 - 213
05:43 - 19:59

14:16 +1 m. 78°

2 153 - 212
05:42 - 20:00

14:17 +1 m. 78°

3 154 - 211
05:42 - 20:00

14:18 +1 m. 78°

4 155 - 210
05:42 - 20:01

14:19 +1 m. 78°

23

5 156 - 209
05:42 - 20:01

14:20 +1 m. 79°

6 157 - 208
05:42 - 20:02

14:20 +0 m. 79°

7 158 - 207
05:41 - 20:02

14:21 +1 m. 79°

8 159 - 206
05:41 - 20:03

14:22 +1 m. 79°

9 160 - 205
05:41 - 20:03

14:22 +0 m. 79°

10 161 - 204
05:41 - 20:04

14:23 +1 m. 79°

11 162 - 203
05:41 - 20:04

14:23 +0 m. 79°

24

12 163 - 202
05:41 - 20:05

14:24 +1 m. 79°

13 164 - 201
05:41 - 20:05

14:24 +0 m. 79°

14 165 - 200
05:41 - 20:06

14:24 +0 m. 79°

15 166 - 199
05:41 - 20:06

14:25 +1 m. 79°

16 167 - 198
05:41 - 20:06

14:25 +0 m. 79°

17 168 - 197
05:42 - 20:07

14:25 +0 m. 79°

18 169 - 196
05:42 - 20:07

14:25 +0 m. 79°

25

19 170 - 195
05:42 - 20:07

14:25 +0 m. 79°

20 171 - 194
05:42 - 20:07

14:25 +0 m. 79°

21 172 - 193
05:42 - 20:08

14:25 +0 m. 79°

22 173 - 192
05:42 - 20:08

14:26 +1 m. 79°

23 174 - 191
05:43 - 20:08

14:25 -1 m. 79°

24 175 - 190
05:43 - 20:08

14:25 +0 m. 79°

25 176 - 189
05:43 - 20:08

14:25 +0 m. 79°

26

26 177 - 188
05:44 - 20:08

14:25 +0 m. 79°

27 178 - 187
05:44 - 20:08

14:25 +0 m. 79°

28 179 - 186
05:44 - 20:09

14:24 -1 m. 79°

29 180 - 185
05:45 - 20:09

14:24 +0 m. 79°

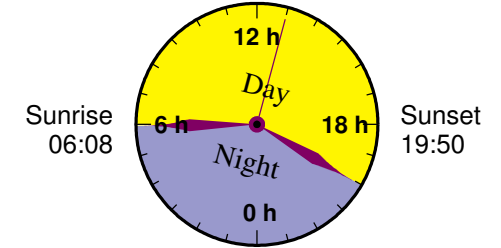
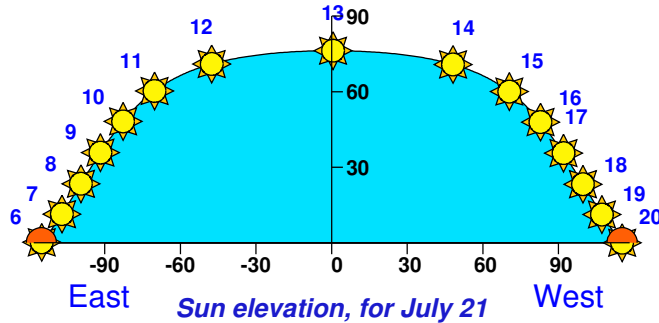
30 181 - 184
05:45 - 20:09

14:24 +0 m. 79°

July 2017

Los Angeles

-118.24°E, 34.05°N



Duration of the day, for July 21

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

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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

26

27

28

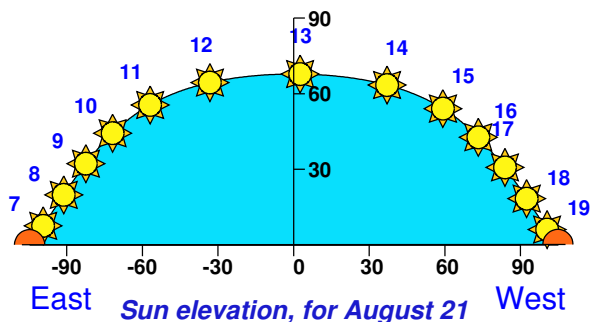
29

30

31

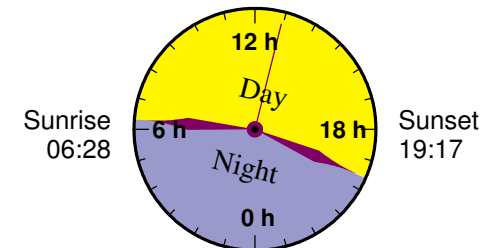
						1 182 - 183 05:46 - 20:09 14:23 -1 m. 79°	2 183 - 182 05:46 - 20:09 14:23 +0 m. 79°
	3 184 - 181 05:46 - 20:08 14:22 -1 m. 79°	4 185 - 180 05:47 - 20:08 14:21 -1 m. 79°	5 186 - 179 05:47 - 20:08 14:21 +0 m. 79°	6 187 - 178 05:48 - 20:08 14:20 -1 m. 79°	7 188 - 177 05:48 - 20:08 14:20 +0 m. 78°	8 189 - 176 05:49 - 20:08 14:19 -1 m. 78°	9 190 - 175 05:50 - 20:07 14:18 -1 m. 78°
	10 191 - 174 05:50 - 20:07 14:17 -1 m. 78°	11 192 - 173 05:51 - 20:07 14:16 -1 m. 78°	12 193 - 172 05:51 - 20:07 14:15 -1 m. 78°	13 194 - 171 05:52 - 20:06 14:14 -1 m. 78°	14 195 - 170 05:52 - 20:06 14:13 -1 m. 78°	15 196 - 169 05:53 - 20:05 14:12 -1 m. 77°	16 197 - 168 05:54 - 20:05 14:11 -1 m. 77°
	17 198 - 167 05:54 - 20:04 14:10 -1 m. 77°	18 199 - 166 05:55 - 20:04 14:09 -1 m. 77°	19 200 - 165 05:56 - 20:03 14:08 -1 m. 77°	20 201 - 164 05:56 - 20:03 14:07 -1 m. 76°	21 202 - 163 05:57 - 20:02 14:05 -2 m. 76°	22 203 - 162 05:58 - 20:02 14:04 -1 m. 76°	23 204 - 161 05:58 - 20:01 14:03 -1 m. 76°
	24 205 - 160 05:59 - 20:01 14:02 -1 m. 76°	25 206 - 159 06:00 - 20:00 14:00 -2 m. 75°	26 207 - 158 06:00 - 19:59 13:59 -1 m. 75°	27 208 - 157 06:01 - 19:58 13:57 -2 m. 75°	28 209 - 156 06:02 - 19:58 13:56 -1 m. 75°	29 210 - 155 06:03 - 19:57 13:54 -2 m. 75°	30 211 - 154 06:03 - 19:56 13:53 -1 m. 74°
	31 212 - 153 06:04 - 19:55 13:51 -2 m. 74°						

August 2017



Los Angeles

-118.24°E, 34.05°N



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

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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

31

1 213 - 152
06:05 - 19:55

13:50 -1 m. 74°

2 214 - 151
06:05 - 19:54

13:48 -2 m. 74°

3 215 - 150
06:06 - 19:53

13:47 -1 m. 73°

4 216 - 149
06:07 - 19:52

13:45 -2 m. 73°

5 217 - 148
06:08 - 19:51

13:43 -2 m. 73°

6 218 - 147
06:08 - 19:50

13:42 -1 m. 72°

32

7 219 - 146
06:09 - 19:49

13:40 -2 m. 72°

8 220 - 145
06:10 - 19:48

13:38 -2 m. 72°

9 221 - 144
06:11 - 19:47

13:37 -1 m. 72°

10 222 - 143
06:11 - 19:46

13:35 -2 m. 71°

11 223 - 142
06:12 - 19:45

13:33 -2 m. 71°

12 224 - 141
06:13 - 19:44

13:31 -2 m. 71°

13 225 - 140
06:13 - 19:43

13:30 -1 m. 70°

33

14 226 - 139
06:14 - 19:42

13:28 -2 m. 70°

15 227 - 138
06:15 - 19:41

13:26 -2 m. 70°

16 228 - 137
06:16 - 19:40

13:24 -2 m. 69°

17 229 - 136
06:16 - 19:38

13:22 -2 m. 69°

18 230 - 135
06:17 - 19:37

13:20 -2 m. 69°

19 231 - 134
06:18 - 19:36

13:18 -2 m. 68°

20 232 - 133
06:18 - 19:35

13:17 -1 m. 68°

34

21 233 - 132
06:19 - 19:34

13:15 -2 m. 68°

22 234 - 131
06:20 - 19:33

13:13 -2 m. 67°

23 235 - 130
06:21 - 19:31

13:11 -2 m. 67°

24 236 - 129
06:21 - 19:30

13:09 -2 m. 67°

25 237 - 128
06:22 - 19:29

13:07 -2 m. 66°

26 238 - 127
06:23 - 19:28

13:05 -2 m. 66°

27 239 - 126
06:23 - 19:26

13:03 -2 m. 66°

35

28 240 - 125
06:24 - 19:25

13:01 -2 m. 65°

29 241 - 124
06:25 - 19:24

12:59 -2 m. 65°

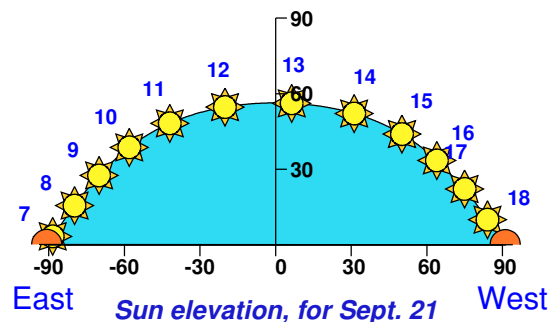
30 242 - 123
06:26 - 19:22

12:57 -2 m. 65°

31 243 - 122
06:26 - 19:21

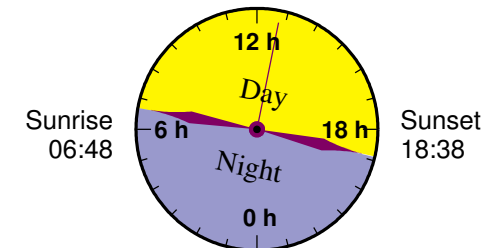
12:55 -2 m. 64°

September 2017



Los Angeles

-118.24°E, 34.05°N



Duration of the day, for September 21

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

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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

35

36

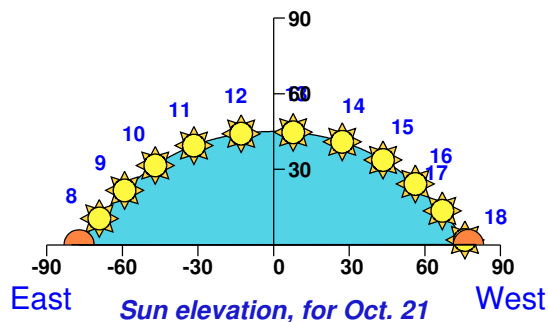
37

38

39

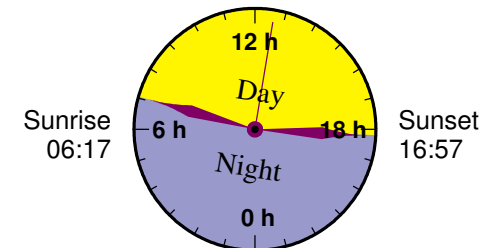
4 247 - 118 06:29 - 19:16 12:47-2 m.63°	5 248 - 117 06:30 - 19:14 12:45-2 m.62°	6 249 - 116 06:30 - 19:13 12:43-2 m.62°	7 250 - 115 06:31 - 19:12 12:41-2 m.62°	8 251 - 114 06:32 - 19:10 12:39-2 m.61°	9 252 - 113 06:32 - 19:09 12:37-2 m.61°	10 253 - 112 06:33 - 19:08 12:35-2 m.61°
11 254 - 111 06:34 - 19:06 12:32-3 m.60°	12 255 - 110 06:35 - 19:05 12:30-2 m.60°	13 256 - 109 06:35 - 19:03 12:28-2 m.59°	14 257 - 108 06:36 - 19:02 12:26-2 m.59°	15 258 - 107 06:37 - 19:01 12:24-2 m.59°	16 259 - 106 06:37 - 18:59 12:22-2 m.58°	17 260 - 105 06:38 - 18:58 12:20-2 m.58°
18 261 - 104 06:39 - 18:56 12:18-2 m.58°	19 262 - 103 06:39 - 18:55 12:16-2 m.57°	20 263 - 102 06:40 - 18:54 12:14-2 m.57°	21 264 - 101 06:41 - 18:52 12:11-3 m.56°	22 265 - 100 06:41 - 18:51 12:09-2 m.56°	23 266 - 99 06:42 - 18:49 12:07-2 m.56°	24 267 - 98 06:43 - 18:48 12:05-2 m.55°
25 268 - 97 06:44 - 18:47 12:03-2 m.55°	26 269 - 96 06:44 - 18:45 12:01-2 m.54°	27 270 - 95 06:45 - 18:44 11:59-2 m.54°	28 271 - 94 06:46 - 18:42 11:57-2 m.54°	29 272 - 93 06:46 - 18:41 11:55-2 m.53°	30 273 - 92 06:47 - 18:40 11:53-2 m.53°	

October 2017



Los Angeles

-118.24°E, 34.05°N



Duration of the day, for October 21

Sunrise and Sunset at Los Angeles (TL ± 1 mn)

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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

39

40

41

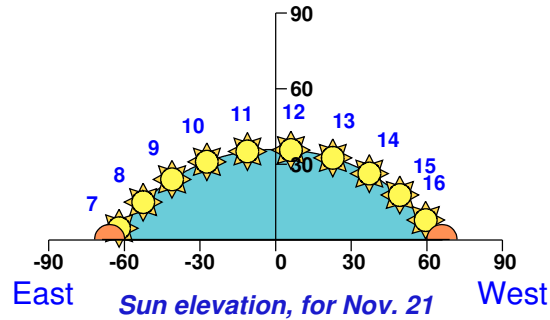
42

43

44

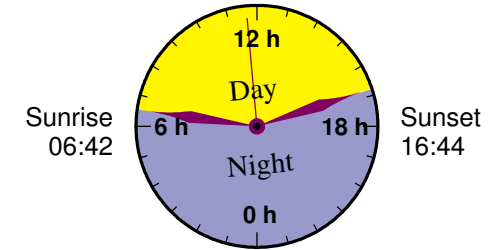
2 275 - 90 06:49 - 18:37 11:48 -2 m. 52°	3 276 - 89 06:49 - 18:35 11:46 -2 m. 52°	4 277 - 88 06:50 - 18:34 11:44 -2 m. 51°	5 278 - 87 06:51 - 18:33 11:42 -2 m. 51°	6 279 - 86 06:52 - 18:31 11:40 -2 m. 51°	7 280 - 85 06:52 - 18:30 11:38 -2 m. 50°	8 281 - 84 06:53 - 18:29 11:36 -2 m. 50°
9 282 - 83 06:54 - 18:27 11:34 -2 m. 49°	10 283 - 82 06:55 - 18:26 11:32 -2 m. 49°	11 284 - 81 06:55 - 18:25 11:30 -2 m. 49°	12 285 - 80 06:56 - 18:24 11:27 -3 m. 48°	13 286 - 79 06:57 - 18:22 11:25 -2 m. 48°	14 287 - 78 06:58 - 18:21 11:23 -2 m. 48°	15 288 - 77 06:59 - 18:20 11:21 -2 m. 47°
16 289 - 76 06:59 - 18:19 11:19 -2 m. 47°	17 290 - 75 07:00 - 18:17 11:17 -2 m. 46°	18 291 - 74 07:01 - 18:16 11:15 -2 m. 46°	19 292 - 73 07:02 - 18:15 11:13 -2 m. 46°	20 293 - 72 07:03 - 18:14 11:11 -2 m. 45°	21 294 - 71 07:03 - 18:13 11:09 -2 m. 45°	22 295 - 70 07:04 - 18:11 11:07 -2 m. 45°
23 296 - 69 07:05 - 18:10 11:05 -2 m. 44°	24 297 - 68 07:06 - 18:09 11:03 -2 m. 44°	25 298 - 67 07:07 - 18:08 11:01 -2 m. 44°	26 299 - 66 07:08 - 18:07 10:59 -2 m. 43°	27 300 - 65 07:09 - 18:06 10:57 -2 m. 43°	28 301 - 64 07:09 - 18:05 10:56 -1 m. 43°	29 302 - 63 07:10 - 18:04 10:54 -2 m. 42°
30 303 - 62 07:11 - 18:03 10:52 -2 m. 42°	31 304 - 61 07:12 - 18:02 10:50 -2 m. 42°					

November 2017



Los Angeles

-118.24°E, 34.05°N



Duration of the day, for November 21

Sunrise and Sunset at Los Angeles (TL ± 1 mn)

Time change November 5

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

Monday

Tuesday

Wednesday

Thursday

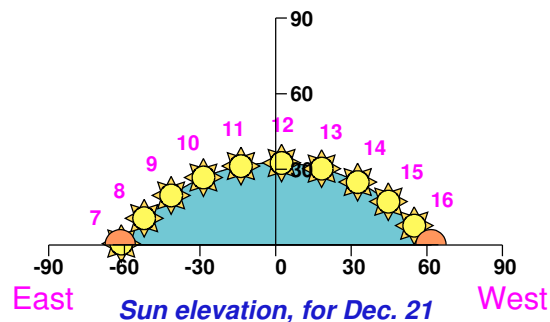
Friday

Saturday

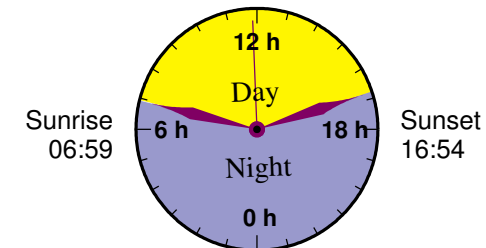
Sunday

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

December 2017



Los Angeles
-118.24°E, 34.05°N



Duration of the day, for December 21

Sunrise and Sunset at Los Angeles (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 06:43 - 16:44 10:00 -1 m. 34°		5 339 - 26 06:44 - 16:44 9:59 -1 m. 34°		6 340 - 25 06:45 - 16:44 9:58 -1 m. 33°		7 341 - 24 06:46 - 16:44 9:57 -1 m. 33°		8 342 - 23 06:47 - 16:44 9:57 +0 m. 33°		9 343 - 22 06:47 - 16:44 9:56 -1 m. 33°		10 344 - 21 06:48 - 16:44 9:55 -1 m. 33°	
11 345 - 20 06:49 - 16:44 9:55 +0 m. 33°		12 346 - 19 06:49 - 16:44 9:55 +0 m. 33°		13 347 - 18 06:50 - 16:45 9:54 -1 m. 33°		14 348 - 17 06:51 - 16:45 9:54 +0 m. 33°		15 349 - 16 06:52 - 16:45 9:53 -1 m. 33°		16 350 - 15 06:52 - 16:45 9:53 +0 m. 33°		17 351 - 14 06:53 - 16:46 9:53 +0 m. 33°	
18 352 - 13 06:53 - 16:46 9:53 +0 m. 33°		19 353 - 12 06:54 - 16:47 9:52 -1 m. 33°		20 354 - 11 06:54 - 16:47 9:52 +0 m. 33°		21 355 - 10 06:55 - 16:48 9:52 +0 m. 33°		22 356 - 9 06:55 - 16:48 9:52 +0 m. 33°		23 357 - 8 06:56 - 16:49 9:52 +0 m. 33°		24 358 - 7 06:56 - 16:49 9:52 +0 m. 33°	
25 359 - 6 06:57 - 16:50 9:52 +0 m. 33°		26 360 - 5 06:57 - 16:50 9:53 +1 m. 33°		27 361 - 4 06:57 - 16:51 9:53 +0 m. 33°		28 362 - 3 06:58 - 16:51 9:53 +0 m. 33°		29 363 - 2 06:58 - 16:52 9:54 +1 m. 33°		30 364 - 1 06:58 - 16:53 9:54 +0 m. 33°		31 365 - 0 06:59 - 16:54 9:55 +1 m. 33°	