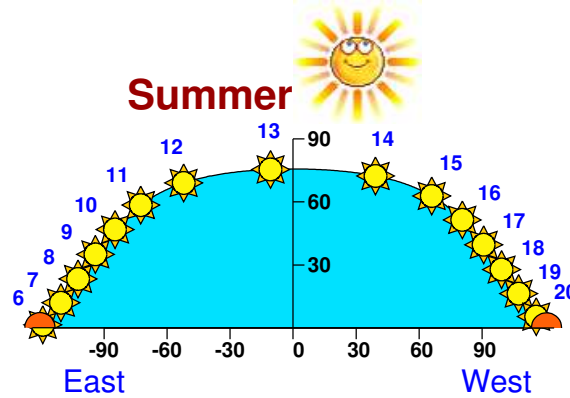


Sun Calendar 2017

Produced by *ScientiDev*
www.scientidev.fr

San Francisco
-122.45°E, 37.75°N

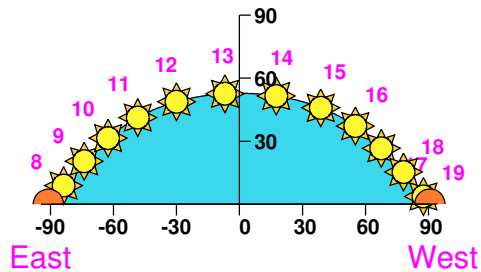
Summer



June 21

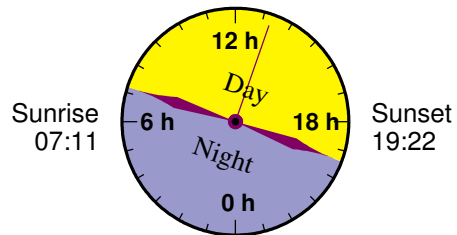


Spring



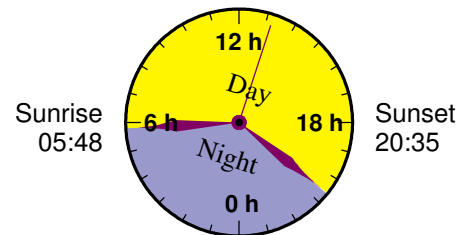
March 21

Day duration 12:11



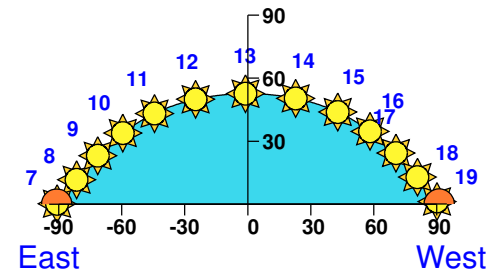
Spring Equinox

Day duration 14:47



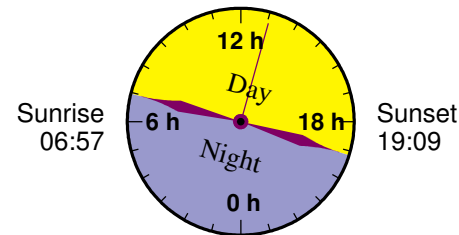
Summer Solstice

Autumn



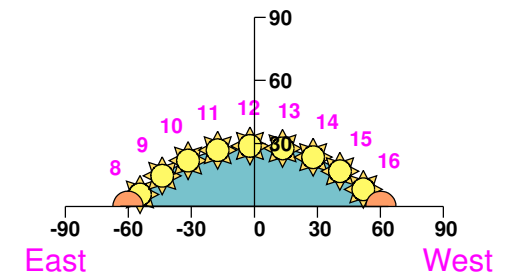
Sept. 21

Day duration 12:12



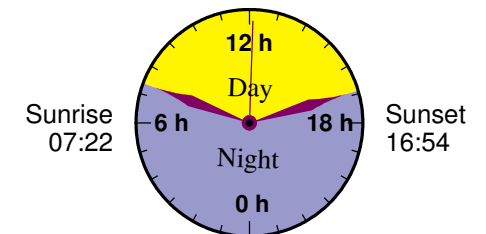
Autumn Equinox

Winter



Dec. 21

Day duration 9:32

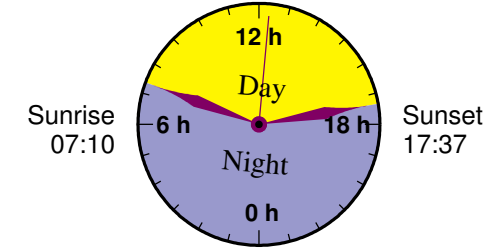
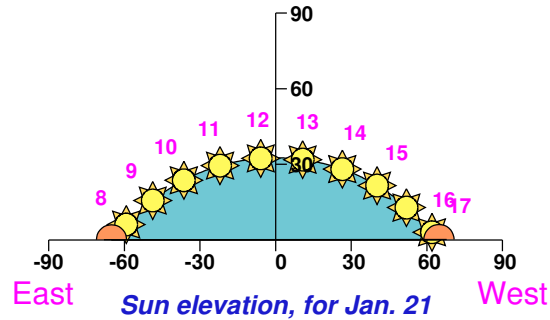


Winter Solstice

January 2017

San Francisco

-122.45°E, 37.75°N



Duration of the day, for January 21

Sunrise and Sunset at San Francisco (TL ± 1 mn)

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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

1

2

3

4

5

2 2 - 363
07:26 - 17:02

9:36 +0 m. 29°

3 3 - 362
07:26 - 17:03

9:37 +1 m. 30°

4 4 - 361
07:26 - 17:04

9:38 +1 m. 30°

5 5 - 360
07:26 - 17:05

9:39 +1 m. 30°

6 6 - 359
07:26 - 17:06

9:40 +1 m. 30°

7 7 - 358
07:26 - 17:07

9:41 +1 m. 30°

8 8 - 357
07:26 - 17:08

9:42 +1 m. 30°

9 9 - 356
07:25 - 17:08

9:43 +1 m. 30°

10 10 - 355
07:25 - 17:09

9:44 +1 m. 30°

11 11 - 354
07:25 - 17:10

9:45 +1 m. 31°

12 12 - 353
07:25 - 17:11

9:46 +1 m. 31°

13 13 - 352
07:25 - 17:12

9:47 +1 m. 31°

14 14 - 351
07:24 - 17:13

9:49 +2 m. 31°

15 15 - 350
07:24 - 17:14

9:50 +1 m. 31°

16 16 - 349
07:24 - 17:15

9:51 +1 m. 32°

17 17 - 348
07:23 - 17:17

9:53 +2 m. 32°

18 18 - 347
07:23 - 17:18

9:54 +1 m. 32°

19 19 - 346
07:22 - 17:19

9:56 +2 m. 32°

20 20 - 345
07:22 - 17:20

9:57 +1 m. 32°

21 21 - 344
07:21 - 17:21

9:59 +2 m. 33°

22 22 - 343
07:21 - 17:22

10:01 +2 m. 33°

23 23 - 342
07:20 - 17:23

10:03 +2 m. 33°

24 24 - 341
07:20 - 17:24

10:05 +2 m. 33°

25 25 - 340
Polar Night

26 26 - 339
07:18 - 17:26

10:08 +608 m. 34°

27 27 - 338
07:18 - 17:27

10:10 +2 m. 34°

28 28 - 337
07:17 - 17:28

10:12 +2 m. 34°

29 29 - 336
07:16 - 17:30

10:14 +2 m. 35°

30 30 - 335
07:15 - 17:31

10:16 +2 m. 35°

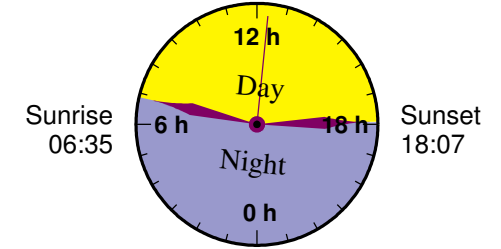
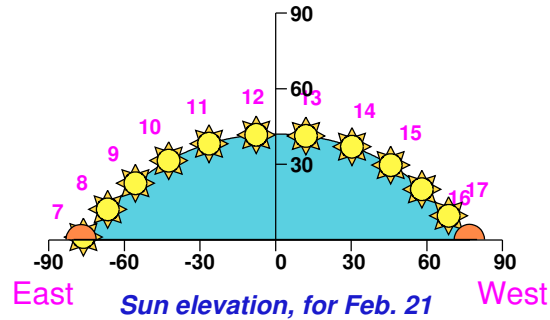
31 31 - 334
07:14 - 17:32

10:18 +2 m. 35°

February 2017

San Francisco

-122.45°E, 37.75°N



Duration of the day, for February 21

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

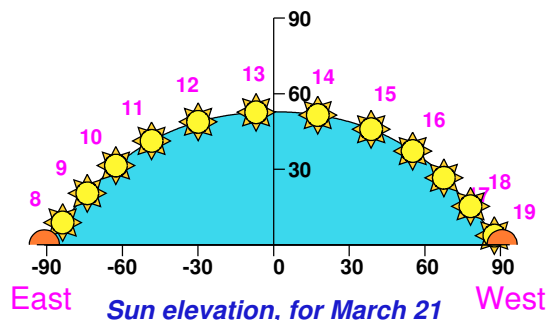
Duration of the day - Variation - Sun maximal elevation (°)

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

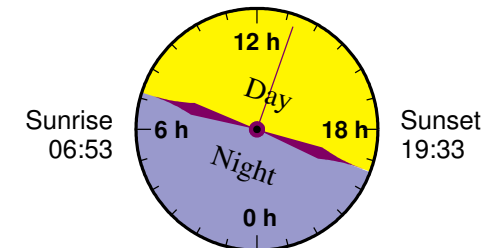
March 2017

San Francisco

-122.45°E, 37.75°N



Sun elevation, for March 21



Duration of the day, for March 21

Sunrise and Sunset at San Francisco (TL $\pm$ 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
06:41 - 18:03

11:22 +2 m. 45°

2 61 - 304
06:40 - 18:04

11:25 +3 m. 45°

3 62 - 303
06:38 - 18:05

11:27 +2 m. 46°

4 63 - 302
06:37 - 18:06

11:29 +2 m. 46°

5 64 - 301
06:35 - 18:07

11:32 +3 m. 47°

10

6 65 - 300
06:34 - 18:08

11:34 +2 m. 47°

7 66 - 299
06:32 - 18:09

11:37 +3 m. 47°

8 67 - 298
06:31 - 18:10

11:39 +2 m. 48°

9 68 - 297
06:29 - 18:11

11:42 +3 m. 48°

10 69 - 296
06:28 - 18:12

11:44 +2 m. 48°

11 70 - 295
06:26 - 18:13

11:46 +2 m. 49°

12 71 - 294
07:25 - 19:14

11:49 +3 m. 49°

11

13 72 - 293
07:24 - 19:15

11:51 +2 m. 50°

14 73 - 292
07:22 - 19:16

11:54 +3 m. 50°

15 74 - 291
07:21 - 19:17

11:56 +2 m. 50°

16 75 - 290
07:19 - 19:18

11:59 +3 m. 51°

17 76 - 289
07:17 - 19:19

12:01 +2 m. 51°

18 77 - 288
07:16 - 19:19

12:04 +3 m. 52°

19 78 - 287
07:14 - 19:20

12:06 +2 m. 52°

12

20 79 - 286
07:13 - 19:21

12:08 +2 m. 52°

21 80 - 285
07:11 - 19:22

12:11 +3 m. 53°

22 81 - 284
07:10 - 19:23

12:13 +2 m. 53°

23 82 - 283
07:08 - 19:24

12:16 +3 m. 54°

24 83 - 282
07:07 - 19:25

12:18 +2 m. 54°

25 84 - 281
07:05 - 19:26

12:21 +3 m. 54°

26 85 - 280
07:04 - 19:27

12:23 +2 m. 55°

13

27 86 - 279
07:02 - 19:28

12:26 +3 m. 55°

28 87 - 278
07:01 - 19:29

12:28 +2 m. 56°

29 88 - 277
06:59 - 19:30

12:30 +2 m. 56°

30 89 - 276
06:58 - 19:31

12:33 +3 m. 56°

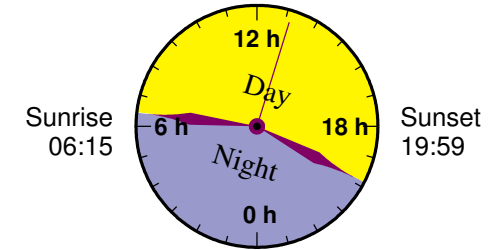
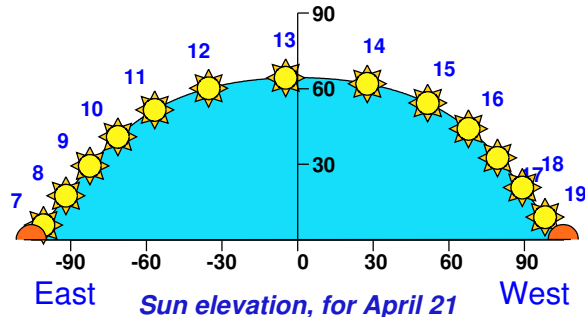
31 90 - 275
06:56 - 19:31

12:35 +2 m. 57°

April 2017

San Francisco

-122.45°E, 37.75°N



Duration of the day, for April 21

Sunrise and Sunset at San Francisco (TL ± 1 mn)

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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

13

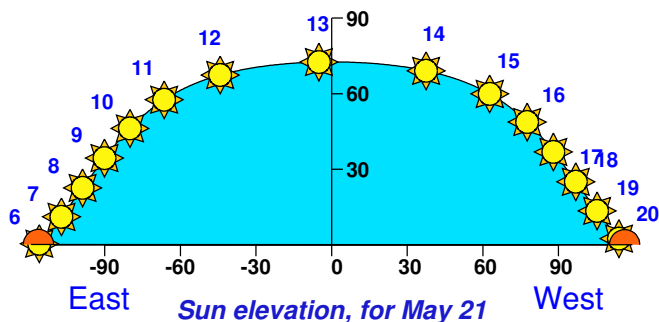
14

15

16

17

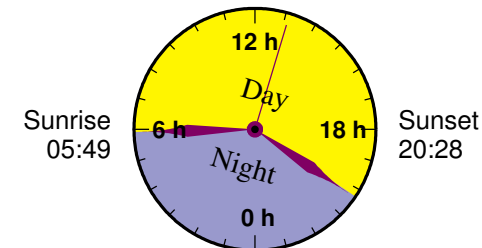
1 91 - 274 Polar Night 	2 92 - 273 06:53 - 19:33
12:40 +760 m. 58°	
3 93 - 272 06:52 - 19:34 	4 94 - 271 06:50 - 19:35
12:42 +2 m. 58°	12:45 +3 m. 58°
5 95 - 270 06:49 - 19:36 	6 96 - 269 06:47 - 19:37
12:47 +2 m. 59°	12:50 +3 m. 59°
7 97 - 268 06:46 - 19:38 	8 98 - 267 06:44 - 19:39
12:52 +2 m. 59°	12:54 +2 m. 60°
9 99 - 266 06:43 - 19:40 	10 100 - 265 06:41 - 19:41
12:57 +3 m. 60°	12:59 +2 m. 61°
11 101 - 264 06:40 - 19:41 	12 102 - 263 06:39 - 19:42
13:01 +2 m. 61°	13:04 +3 m. 61°
13 103 - 262 06:37 - 19:43 	14 104 - 261 06:36 - 19:44
13:06 +2 m. 62°	13:09 +3 m. 62°
15 105 - 260 06:34 - 19:45 	16 106 - 259 06:33 - 19:46
13:11 +2 m. 62°	13:13 +2 m. 63°
17 107 - 258 06:32 - 19:47 	18 108 - 257 06:30 - 19:48
13:15 +2 m. 63°	13:18 +3 m. 63°
19 109 - 256 06:29 - 19:49 	20 110 - 255 06:28 - 19:50
13:20 +2 m. 64°	13:22 +2 m. 64°
21 111 - 254 06:26 - 19:51 	22 112 - 253 06:25 - 19:52
13:24 +2 m. 64°	13:27 +3 m. 65°
23 113 - 252 06:24 - 19:52 	24 114 - 251 06:22 - 19:53
13:29 +2 m. 65°	13:31 +2 m. 65°
25 115 - 250 06:21 - 19:54 	26 116 - 249 06:20 - 19:55
13:33 +2 m. 66°	13:36 +3 m. 66°
27 117 - 248 06:19 - 19:56 	28 118 - 247 06:17 - 19:57
13:38 +2 m. 66°	13:40 +2 m. 67°
29 119 - 246 06:16 - 19:58 	30 120 - 245 06:15 - 19:59
13:42 +2 m. 67°	13:44 +2 m. 67°



May 2017

San Francisco

-122.45°E, 37.75°N



Duration of the day, for May 21

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

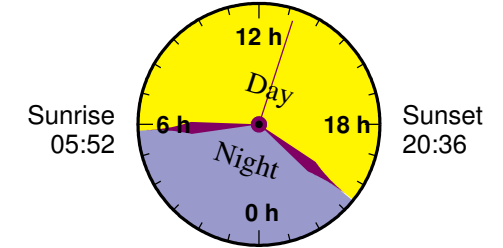
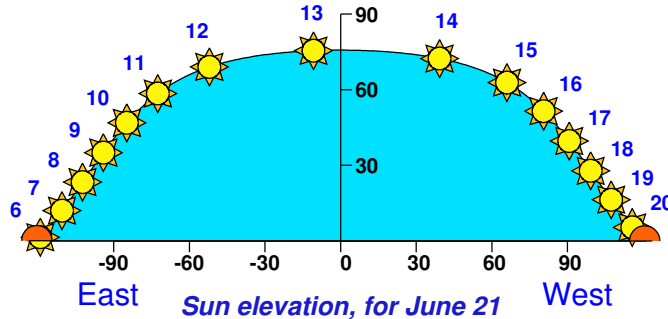
Duration of the day - Variation - Sun maximal elevation (°)

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
18	1 121 - 244 06:14 - 20:00 13:46 +2 m. 68°	2 122 - 243 06:13 - 20:01 13:48 +2 m. 68°	3 123 - 242 06:12 - 20:02 13:50 +2 m. 68°	4 124 - 241 06:11 - 20:03 13:52 +2 m. 68°	5 125 - 240 06:09 - 20:03 13:54 +2 m. 69°	6 126 - 239 06:08 - 20:04 13:56 +2 m. 69°	7 127 - 238 06:07 - 20:05 13:58 +2 m. 69°
19	8 128 - 237 06:06 - 20:06 14:00 +2 m. 70°	9 129 - 236 06:05 - 20:07 14:02 +2 m. 70°	10 130 - 235 06:04 - 20:08 14:04 +2 m. 70°	11 131 - 234 06:03 - 20:09 14:06 +2 m. 70°	12 132 - 233 06:02 - 20:10 14:07 +1 m. 71°	13 133 - 232 06:02 - 20:11 14:09 +2 m. 71°	14 134 - 231 06:01 - 20:12 14:11 +2 m. 71°
20	15 135 - 230 06:00 - 20:12 14:13 +2 m. 71°	16 136 - 229 05:59 - 20:13 14:14 +1 m. 72°	17 137 - 228 05:58 - 20:14 14:16 +2 m. 72°	18 138 - 227 05:57 - 20:15 14:18 +2 m. 72°	19 139 - 226 05:57 - 20:16 14:19 +1 m. 72°	20 140 - 225 05:56 - 20:17 14:21 +2 m. 72°	21 141 - 224 05:55 - 20:17 14:22 +1 m. 73°
21	22 142 - 223 05:55 - 20:18 14:24 +2 m. 73°	23 143 - 222 05:54 - 20:19 14:25 +1 m. 73°	24 144 - 221 05:53 - 20:20 14:27 +2 m. 73°	25 145 - 220 05:53 - 20:21 14:28 +1 m. 73°	26 146 - 219 05:52 - 20:21 14:29 +1 m. 74°	27 147 - 218 05:52 - 20:22 14:31 +2 m. 74°	28 148 - 217 05:51 - 20:23 14:32 +1 m. 74°
22	29 149 - 216 05:51 - 20:24 14:33 +1 m. 74°	30 150 - 215 05:50 - 20:24 14:34 +1 m. 74°	31 151 - 214 05:50 - 20:25 14:35 +1 m. 74°				

June 2017

San Francisco

-122.45°E, 37.75°N



Duration of the day, for June 21

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

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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

22

1 152 - 213 05:50 - 20:26 14:36 +1 m. 74°	2 153 - 212 05:49 - 20:26 14:37 +1 m. 75°	3 154 - 211 05:49 - 20:27 14:38 +1 m. 75°	4 155 - 210 05:49 - 20:28 14:39 +1 m. 75°
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23

5 156 - 209 05:48 - 20:28 14:40 +1 m. 75°	6 157 - 208 05:48 - 20:29 14:41 +1 m. 75°	7 158 - 207 05:48 - 20:29 14:41 +0 m. 75°	8 159 - 206 05:48 - 20:30 14:42 +1 m. 75°	9 160 - 205 05:48 - 20:31 14:43 +1 m. 75°	10 161 - 204 05:48 - 20:31 14:44 +1 m. 75°	11 162 - 203 05:48 - 20:32 14:44 +0 m. 75°
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24

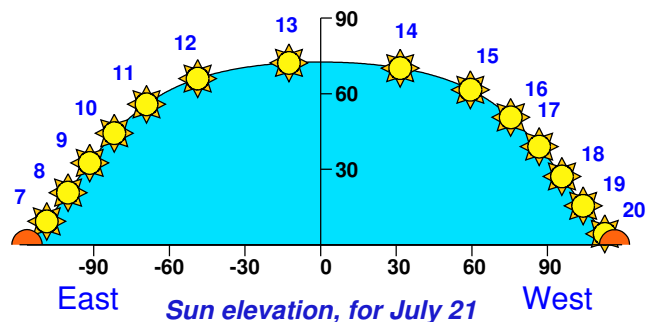
12 163 - 202 05:48 - 20:32 14:45 +1 m. 75°	13 164 - 201 05:48 - 20:32 14:45 +0 m. 76°	14 165 - 200 05:48 - 20:33 14:45 +0 m. 76°	15 166 - 199 05:48 - 20:33 14:46 +1 m. 76°	16 167 - 198 05:48 - 20:34 14:46 +0 m. 76°	17 168 - 197 05:48 - 20:34 14:46 +0 m. 76°	18 169 - 196 05:48 - 20:34 14:46 +0 m. 76°
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25

19 170 - 195 05:48 - 20:35 14:47 +1 m. 76°	20 171 - 194 05:48 - 20:35 14:47 +0 m. 76°	21 172 - 193 05:48 - 20:35 14:47 +0 m. 76°	22 173 - 192 05:49 - 20:35 14:47 +0 m. 76°	23 174 - 191 05:49 - 20:35 14:47 +0 m. 76°	24 175 - 190 05:49 - 20:36 14:46 -1 m. 76°	25 176 - 189 05:50 - 20:36 14:46 +0 m. 76°
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26

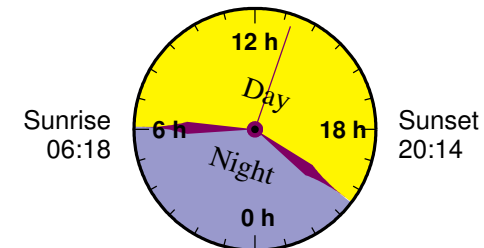
26 177 - 188 05:50 - 20:36 14:46 +0 m. 76°	27 178 - 187 05:50 - 20:36 14:46 +0 m. 76°	28 179 - 186 05:51 - 20:36 14:45 -1 m. 75°	29 180 - 185 05:51 - 20:36 14:45 +0 m. 75°	30 181 - 184 05:52 - 20:36 14:44 -1 m. 75°
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July 2017

San Francisco

-122.45°E, 37.75°N



Duration of the day, for July 21

Sunrise and Sunset at San Francisco (TL ± 1 mn)

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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

26

27

28

29

30

31

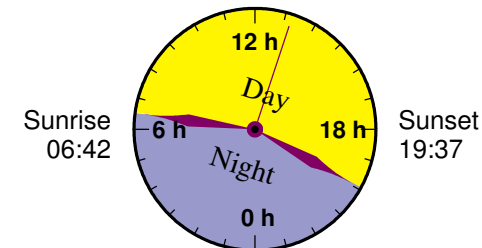
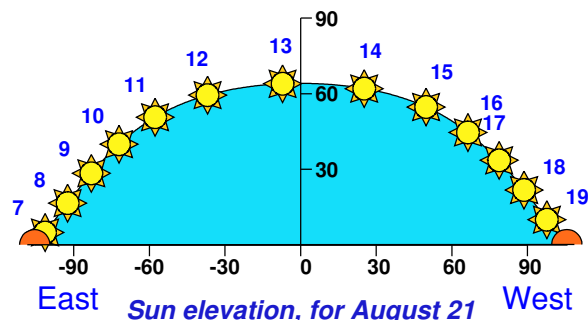
1 182 - 183 05:52 - 20:36 14:44 +0 m. 75°	2 183 - 182 05:52 - 20:36 14:43 -1 m. 75°
8 189 - 176 05:56 - 20:35 14:39 -1 m. 75°	9 190 - 175 05:56 - 20:34 14:38 -1 m. 75°
15 196 - 169 06:00 - 20:32 14:31 -2 m. 74°	16 197 - 168 06:01 - 20:31 14:30 -1 m. 73°
22 203 - 162 06:06 - 20:28 14:22 -1 m. 72°	23 204 - 161 06:06 - 20:27 14:20 -2 m. 72°
29 210 - 155 06:11 - 20:22 14:11 -1 m. 71°	30 211 - 154 06:12 - 20:21 14:09 -2 m. 71°

3 184 - 181 05:53 - 20:36 14:43 +0 m. 75°	4 185 - 180 05:54 - 20:35 14:42 -1 m. 75°	5 186 - 179 05:54 - 20:35 14:41 -1 m. 75°	6 187 - 178 05:55 - 20:35 14:41 +0 m. 75°	7 188 - 177 05:55 - 20:35 14:40 -1 m. 75°
10 191 - 174 05:57 - 20:34 14:37 -1 m. 74°	11 192 - 173 05:58 - 20:34 14:36 -1 m. 74°	12 193 - 172 05:58 - 20:33 14:35 -1 m. 74°	13 194 - 171 05:59 - 20:33 14:34 -1 m. 74°	14 195 - 170 06:00 - 20:32 14:33 -1 m. 74°
17 198 - 167 06:02 - 20:31 14:29 -1 m. 73°	18 199 - 166 06:03 - 20:30 14:28 -1 m. 73°	19 200 - 165 06:03 - 20:30 14:26 -2 m. 73°	20 201 - 164 06:04 - 20:29 14:25 -1 m. 73°	21 202 - 163 06:05 - 20:28 14:23 -2 m. 73°
24 205 - 160 06:07 - 20:26 14:19 -1 m. 72°	25 206 - 159 06:08 - 20:25 14:17 -2 m. 72°	26 207 - 158 06:09 - 20:24 14:16 -1 m. 72°	27 208 - 157 06:10 - 20:24 14:14 -2 m. 71°	28 209 - 156 06:11 - 20:23 14:12 -2 m. 71°
31 212 - 153 06:13 - 20:20 14:07 -2 m. 70°				

August 2017

San Francisco

-122.45°E, 37.75°N



Duration of the day, for August 21

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

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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

31

1 213 - 152
06:14 - 20:19

14:05 -2 m. 70°

2 214 - 151
06:15 - 20:18

14:03 -2 m. 70°

3 215 - 150
06:16 - 20:17

14:02 -1 m. 70°

4 216 - 149
06:16 - 20:16

14:00 -2 m. 69°

5 217 - 148
06:17 - 20:15

13:58 -2 m. 69°

6 218 - 147
06:18 - 20:14

13:56 -2 m. 69°

32

7 219 - 146
06:19 - 20:13

13:54 -2 m. 68°

8 220 - 145
06:20 - 20:12

13:52 -2 m. 68°

9 221 - 144
06:21 - 20:11

13:50 -2 m. 68°

10 222 - 143
06:22 - 20:10

13:48 -2 m. 68°

11 223 - 142
06:22 - 20:08

13:46 -2 m. 67°

12 224 - 141
06:23 - 20:07

13:44 -2 m. 67°

13 225 - 140
06:24 - 20:06

13:42 -2 m. 67°

33

14 226 - 139
06:25 - 20:05

13:40 -2 m. 66°

15 227 - 138
06:26 - 20:03

13:38 -2 m. 66°

16 228 - 137
06:27 - 20:02

13:36 -2 m. 66°

17 229 - 136
06:28 - 20:01

13:33 -3 m. 65°

18 230 - 135
06:28 - 20:00

13:31 -2 m. 65°

19 231 - 134
06:29 - 19:58

13:29 -2 m. 65°

20 232 - 133
06:30 - 19:57

13:27 -2 m. 64°

34

21 233 - 132
06:31 - 19:56

13:25 -2 m. 64°

22 234 - 131
06:32 - 19:54

13:22 -3 m. 64°

23 235 - 130
06:33 - 19:53

13:20 -2 m. 63°

24 236 - 129
06:34 - 19:52

13:18 -2 m. 63°

25 237 - 128
06:34 - 19:50

13:16 -2 m. 63°

26 238 - 127
06:35 - 19:49

13:14 -2 m. 62°

27 239 - 126
06:36 - 19:47

13:11 -3 m. 62°

35

28 240 - 125
06:37 - 19:46

13:09 -2 m. 62°

29 241 - 124
06:38 - 19:44

13:07 -2 m. 61°

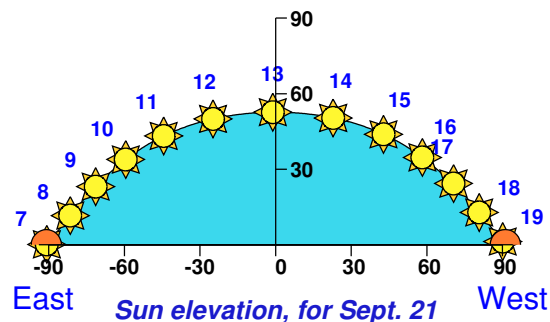
30 242 - 123
06:39 - 19:43

13:04 -3 m. 61°

31 243 - 122
06:40 - 19:42

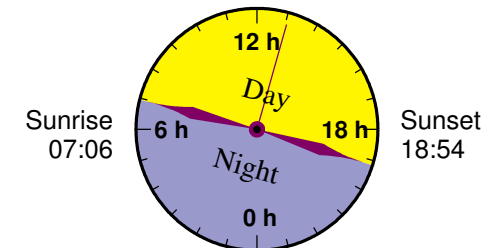
13:02 -2 m. 61°

September 2017



San Francisco

-122.45°E, 37.75°N



Duration of the day, for September 21

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

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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

35

36

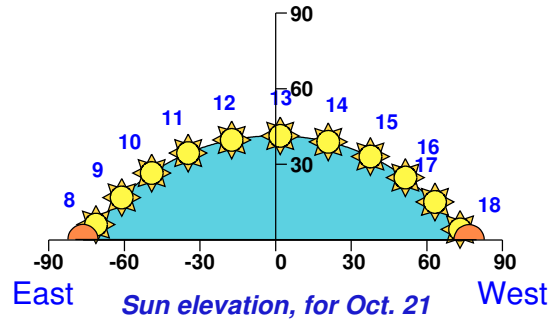
37

38

39

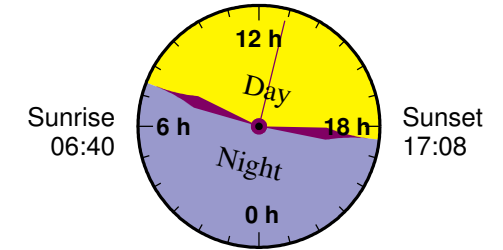
				1 244 - 121 06:40 - 19:40 13:00 -2 m. 60°	2 245 - 120 06:41 - 19:39 12:57 -3 m. 60°	3 246 - 119 06:42 - 19:37 12:55 -2 m. 60°
4 247 - 118 06:43 - 19:36 12:53 -2 m. 59°	5 248 - 117 06:44 - 19:34 12:50 -3 m. 59°	6 249 - 116 06:45 - 19:33 12:48 -2 m. 58°	7 250 - 115 06:45 - 19:31 12:46 -2 m. 58°	8 251 - 114 06:46 - 19:30 12:43 -3 m. 58°	9 252 - 113 06:47 - 19:28 12:41 -2 m. 57°	10 253 - 112 06:48 - 19:26 12:39 -2 m. 57°
11 254 - 111 06:49 - 19:25 12:36 -3 m. 57°	12 255 - 110 06:50 - 19:23 12:34 -2 m. 56°	13 256 - 109 06:50 - 19:22 12:32 -2 m. 56°	14 257 - 108 06:51 - 19:20 12:29 -3 m. 55°	15 258 - 107 06:52 - 19:19 12:27 -2 m. 55°	16 259 - 106 06:53 - 19:17 12:24 -3 m. 55°	17 260 - 105 06:54 - 19:16 12:22 -2 m. 54°
18 261 - 104 06:55 - 19:14 12:20 -2 m. 54°	19 262 - 103 06:56 - 19:13 12:17 -3 m. 53°	20 263 - 102 06:56 - 19:11 12:15 -2 m. 53°	21 264 - 101 06:57 - 19:09 12:12 -3 m. 53°	22 265 - 100 06:58 - 19:08 12:10 -2 m. 52°	23 266 - 99 06:59 - 19:06 12:07 -3 m. 52°	24 267 - 98 07:00 - 19:05 12:05 -2 m. 51°
25 268 - 97 07:01 - 19:03 12:03 -2 m. 51°	26 269 - 96 07:02 - 19:02 12:00 -3 m. 51°	27 270 - 95 07:02 - 19:00 11:58 -2 m. 50°	28 271 - 94 07:03 - 18:59 11:55 -3 m. 50°	29 272 - 93 07:04 - 18:57 11:53 -2 m. 50°	30 273 - 92 07:05 - 18:55 11:51 -2 m. 49°	

October 2017



San Francisco

-122.45°E, 37.75°N



Duration of the day, for October 21

Sunrise and Sunset at San Francisco (TL ± 1 mn)

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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

39

40

41

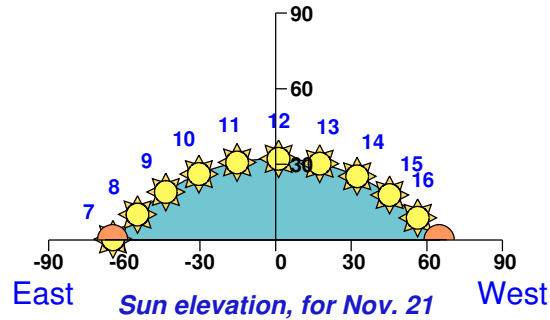
42

43

44

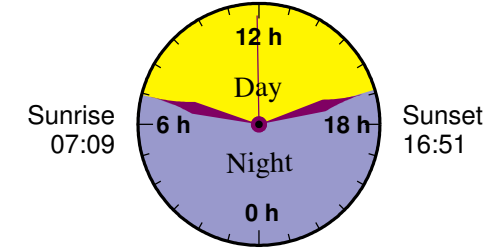
2 275 - 90 07:07 - 18:52 11:46 -2 m. 48°	3 276 - 89 07:08 - 18:51 11:43 -3 m. 48°	4 277 - 88 07:09 - 18:49 11:41 -2 m. 48°	5 278 - 87 07:09 - 18:48 11:39 -2 m. 47°	6 279 - 86 07:10 - 18:46 11:36 -3 m. 47°	7 280 - 85 07:11 - 18:45 11:34 -2 m. 46°	8 281 - 84 07:12 - 18:43 11:31 -3 m. 46°
9 282 - 83 07:13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

November 2017



San Francisco

-122.45°E, 37.75°N



Duration of the day, for November 21

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

Time change November 5

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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

44

1 305 - 60 07:36 - 18:12 10:36 -3 m. 38°	2 306 - 59 07:37 - 18:11 10:34 -2 m. 37°	3 307 - 58 07:38 - 18:10 10:32 -2 m. 37°	4 308 - 57 07:39 - 18:09 10:30 -2 m. 37°	5 309 - 56 06:40 - 17:08 10:28 -2 m. 36°
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45

6 310 - 55 06:41 - 17:07 10:26 -2 m. 36°	7 311 - 54 06:42 - 17:06 10:24 -2 m. 36°	8 312 - 53 06:43 - 17:05 10:22 -2 m. 35°	9 313 - 52 06:44 - 17:04 10:20 -2 m. 35°	10 314 - 51 06:45 - 17:03 10:18 -2 m. 35°	11 315 - 50 06:46 - 17:02 10:16 -2 m. 35°	12 316 - 49 06:47 - 17:01 10:14 -2 m. 34°
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46

13 317 - 48 06:48 - 17:01 10:12 -2 m. 34°	14 318 - 47 06:49 - 17:00 10:11 -1 m. 34°	15 319 - 46 06:51 - 16:59 10:09 -2 m. 34°	16 320 - 45 06:52 - 16:58 10:07 -2 m. 33°	17 321 - 44 06:53 - 16:58 10:05 -2 m. 33°	18 322 - 43 06:54 - 16:57 10:03 -2 m. 33°	19 323 - 42 06:55 - 16:56 10:02 -1 m. 33°
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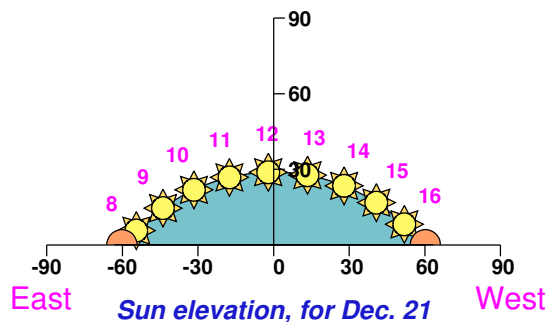
47

20 324 - 41 06:56 - 16:56 10:00 -2 m. 32°	21 325 - 40 06:57 - 16:55 9:58 -2 m. 32°	22 326 - 39 06:58 - 16:55 9:56 -2 m. 32°	23 327 - 38 06:59 - 16:54 9:55 -1 m. 32°	24 328 - 37 07:00 - 16:54 9:53 -2 m. 32°	25 329 - 36 07:01 - 16:53 9:52 -1 m. 31°	26 330 - 35 07:02 - 16:53 9:51 -1 m. 31°
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48

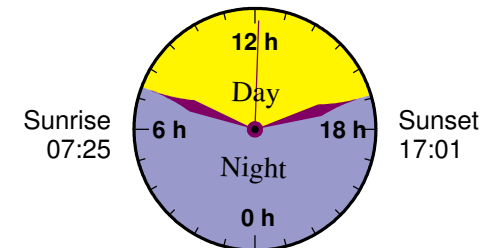
27 331 - 34 07:03 - 16:53 9:49 -2 m. 31°	28 332 - 33 07:04 - 16:52 9:48 -1 m. 31°	29 333 - 32 07:05 - 16:52 9:47 -1 m. 31°	30 334 - 31 07:06 - 16:52 9:45 -2 m. 31°
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December 2017



San Francisco

-122.45°E, 37.75°N



Duration of the day, for December 21

Sunrise and Sunset at San Francisco (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 07:10 - 16:51 9:41 -1 m. 30°	5 339 - 26 07:11 - 16:51 9:40 -1 m. 30°	6 340 - 25 07:11 - 16:51 9:39 -1 m. 30°	7 341 - 24 07:12 - 16:51 9:38 -1 m. 30°	8 342 - 23 07:13 - 16:51 9:37 -1 m. 29°	9 343 - 22 07:14 - 16:51 9:37 +0 m. 29°	10 344 - 21 07:15 - 16:51 9:36 -1 m. 29°
					11 345 - 20 07:15 - 16:51 9:35 -1 m. 29°	12 346 - 19 07:16 - 16:51 9:35 +0 m. 29°	13 347 - 18 07:17 - 16:52 9:34 -1 m. 29°	14 348 - 17 07:18 - 16:52 9:34 +0 m. 29°	15 349 - 16 07:18 - 16:52 9:33 -1 m. 29°	16 350 - 15 07:19 - 16:52 9:33 +0 m. 29°	17 351 - 14 07:20 - 16:53 9:33 +0 m. 29°
					18 352 - 13 07:20 - 16:53 9:32 -1 m. 29°	19 353 - 12 07:21 - 16:53 9:32 +0 m. 29°	20 354 - 11 07:21 - 16:54 9:32 +0 m. 29°	21 355 - 10 07:22 - 16:54 9:32 +0 m. 29°	22 356 - 9 07:22 - 16:55 9:32 +0 m. 29°	23 357 - 8 07:23 - 16:55 9:32 +0 m. 29°	24 358 - 7 07:23 - 16:56 9:32 +0 m. 29°
					25 359 - 6 07:24 - 16:56 9:32 +0 m. 29°	26 360 - 5 07:24 - 16:57 9:33 +1 m. 29°	27 361 - 4 07:24 - 16:58 9:33 +0 m. 29°	28 362 - 3 07:25 - 16:58 9:33 +0 m. 29°	29 363 - 2 07:25 - 16:59 9:34 +1 m. 29°	30 364 - 1 07:25 - 17:00 9:34 +0 m. 29°	31 365 - 0 07:25 - 17:01 9:35 +1 m. 29°