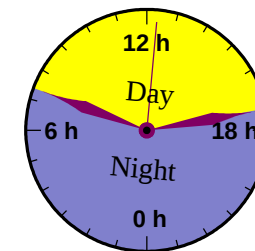
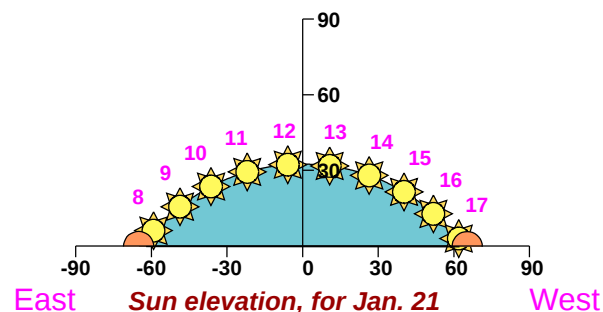


January 2015

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

5 5 - 360
07:26 - 17:04

9:38 +1 m. 30°

6 6 - 359
07:26 - 17:05

9:39 +1 m. 30°

7 7 - 358
07:26 - 17:06

9:40 +1 m. 30°

8 8 - 357
07:26 - 17:07

9:41 +1 m. 30°

9 9 - 356
07:25 - 17:08

9:42 +1 m. 30°

10 10 - 355
07:25 - 17:09

9:43 +1 m. 30°

11 11 - 354
07:25 - 17:10

9:44 +1 m. 31°

12 12 - 353
07:25 - 17:11

9:46 +2 m. 31°

13 13 - 352
07:25 - 17:12

9:47 +1 m. 31°

14 14 - 351
07:24 - 17:13

9:48 +1 m. 31°

15 15 - 350
07:24 - 17:14

9:49 +1 m. 31°

16 16 - 349
07:24 - 17:15

9:51 +2 m. 31°

17 17 - 348
07:23 - 17:16

9:52 +1 m. 32°

18 18 - 347
07:23 - 17:17

9:54 +2 m. 32°

19 19 - 346
07:23 - 17:18

9:55 +1 m. 32°

20 20 - 345
07:22 - 17:19

9:57 +2 m. 32°

21 21 - 344
07:22 - 17:20

9:58 +1 m. 32°

22 22 - 343
07:21 - 17:21

10:00 +2 m. 33°

23 23 - 342
07:20 - 17:22

10:02 +2 m. 33°

24 24 - 341
07:20 - 17:24

10:04 +2 m. 33°

25 25 - 340
07:19 - 17:25

10:05 +1 m. 33°

26 26 - 339
07:19 - 17:26

10:07 +2 m. 34°

27 27 - 338
07:18 - 17:27

10:09 +2 m. 34°

28 28 - 337
07:17 - 17:28

10:11 +2 m. 34°

29 29 - 336
07:16 - 17:29

10:13 +2 m. 34°

30 30 - 335
07:16 - 17:30

10:15 +2 m. 35°

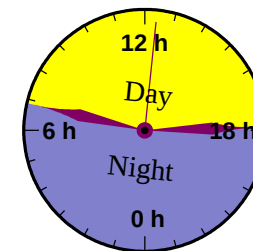
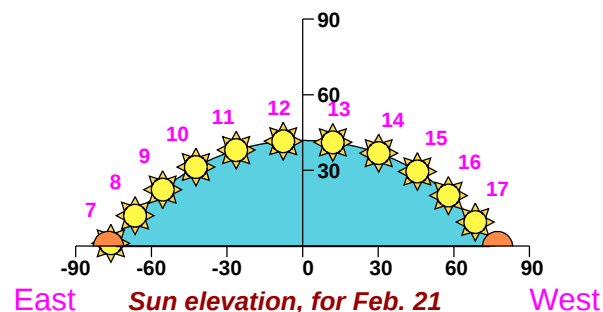
31 31 - 334
07:15 - 17:31

10:16 +1 m. 35°

February 2015

San Francisco

-122.45°E, 37.75°N



Duration of the day, for February 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

5

6

7

8

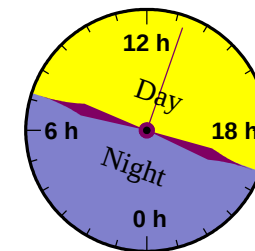
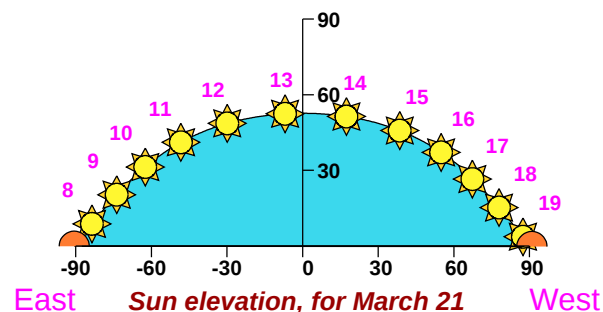
9

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

March 2015

San Francisco

-122.45°E, 37.75°N



Duration of the day, for March 21

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

Time change March 8

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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

9

1	60 - 305
	06:42 - 18:02
11:21	+3 m. 45°

10

2	61 - 304
	06:40 - 18:03
11:23	+2 m. 45°

3	62 - 303
	06:39 - 18:04
11:26	+3 m. 46°

4	63 - 302
	06:37 - 18:05
11:28	+2 m. 46°

5	64 - 301
	06:36 - 18:06
11:31	+3 m. 46°

6	65 - 300
	06:35 - 18:07
11:33	+2 m. 47°

7	66 - 299
	06:33 - 18:08
11:35	+2 m. 47°

8	67 - 298
	07:32 - 19:09
11:38	+3 m. 47°

11

9	68 - 297
	07:30 - 19:10
11:40	+2 m. 48°

10	69 - 296
	07:29 - 19:11
11:43	+3 m. 48°

11	70 - 295
	07:27 - 19:12
11:45	+2 m. 49°

12	71 - 294
	07:26 - 19:13
11:48	+3 m. 49°

13	72 - 293
	07:24 - 19:14
11:50	+2 m. 49°

14	73 - 292
	07:23 - 19:15
11:53	+3 m. 50°

15	74 - 291
	07:21 - 19:16
11:55	+2 m. 50°

12

16	75 - 290
	07:20 - 19:17
11:57	+2 m. 51°

17	76 - 289
	07:18 - 19:18
12:00	+3 m. 51°

18	77 - 288
	07:17 - 19:19
12:02	+2 m. 51°

19	78 - 287
	07:15 - 19:20
12:05	+3 m. 52°

20	79 - 286
	07:14 - 19:21
12:07	+2 m. 52°

21	80 - 285
	07:12 - 19:22
12:10	+3 m. 53°

22	81 - 284
	07:11 - 19:23
12:12	+2 m. 53°

13

23	82 - 283
	07:09 - 19:24
12:15	+3 m. 53°

24	83 - 282
	07:08 - 19:25
12:17	+2 m. 54°

25	84 - 281
	07:06 - 19:25
12:19	+2 m. 54°

26	85 - 280
	07:05 - 19:26
12:22	+3 m. 55°

27	86 - 279
	07:03 - 19:27
12:24	+2 m. 55°

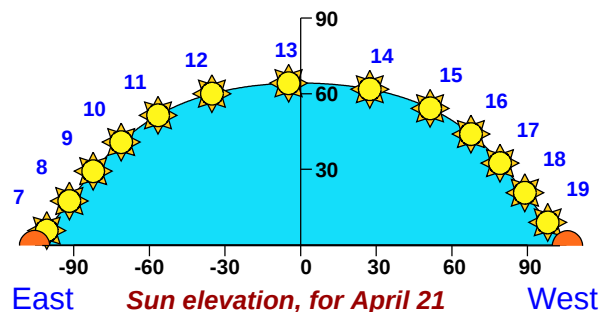
28	87 - 278
	07:02 - 19:28
12:27	+3 m. 55°

29	88 - 277
	07:00 - 19:29
12:29	+2 m. 56°

14

30	89 - 276
	06:59 - 19:30
12:32	+3 m. 56°

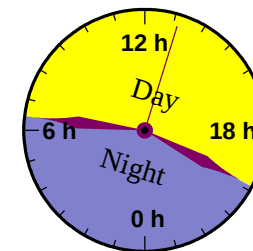
31	90 - 275
	06:57 - 19:31
12:34	+2 m. 57°



April 2015

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

14

1 91 - 274
06:56 - 19:32
12:36 +2 m. 57°

2 92 - 273
06:54 - 19:33
12:39 +3 m. 57°

3 93 - 272
06:53 - 19:34
12:41 +2 m. 58°

4 94 - 271
06:51 - 19:35
12:44 +3 m. 58°

5 95 - 270
06:50 - 19:36
12:46 +2 m. 58°

15

6 96 - 269
06:48 - 19:36
12:48 +2 m. 59°

7 97 - 268
06:47 - 19:37
12:51 +3 m. 59°

8 98 - 267
06:45 - 19:38
12:53 +2 m. 60°

9 99 - 266
06:44 - 19:39
12:56 +3 m. 60°

10 100 - 265
06:42 - 19:40
12:58 +2 m. 60°

11 101 - 264
06:41 - 19:41
13:00 +2 m. 61°

12 102 - 263
06:39 - 19:42
13:03 +3 m. 61°

16

13 103 - 262
06:38 - 19:43
13:05 +2 m. 61°

14 104 - 261
06:36 - 19:44
13:07 +2 m. 62°

15 105 - 260
06:35 - 19:45
13:10 +3 m. 62°

16 106 - 259
06:34 - 19:46
13:12 +2 m. 62°

17 107 - 258
06:32 - 19:46
13:14 +2 m. 63°

18 108 - 257
06:31 - 19:47
13:17 +3 m. 63°

19 109 - 256
06:30 - 19:48
13:19 +2 m. 64°

17

20 110 - 255
06:28 - 19:49
13:21 +2 m. 64°

21 111 - 254
06:27 - 19:50
13:23 +2 m. 64°

22 112 - 253
06:26 - 19:51
13:26 +3 m. 65°

23 113 - 252
06:24 - 19:52
13:28 +2 m. 65°

24 114 - 251
06:23 - 19:53
13:30 +2 m. 65°

25 115 - 250
06:22 - 19:54
13:32 +2 m. 66°

26 116 - 249
06:20 - 19:55
13:34 +2 m. 66°

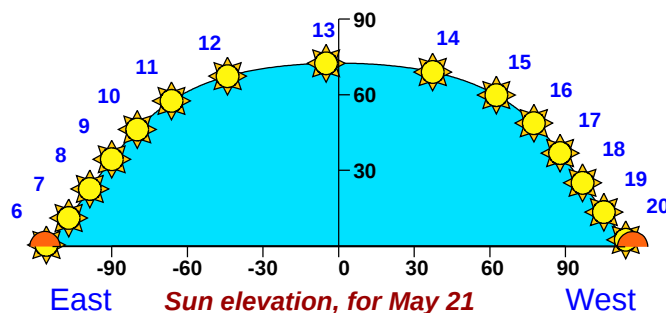
18

27 117 - 248
06:19 - 19:56
13:37 +3 m. 66°

28 118 - 247
06:18 - 19:57
13:39 +2 m. 67°

29 119 - 246
06:17 - 19:58
13:41 +2 m. 67°

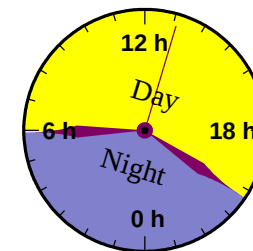
30 120 - 245
06:16 - 19:58
13:43 +2 m. 67°



May 2015

San Francisco

-122.45°E, 37.75°N

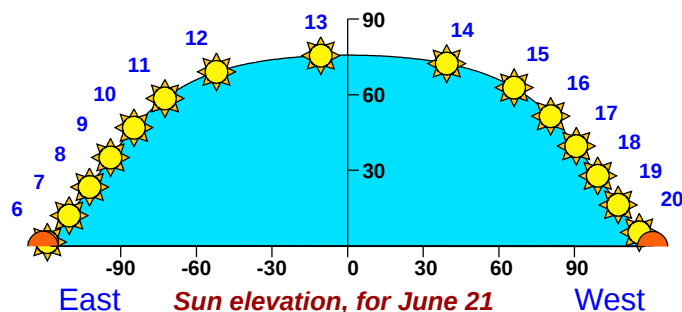


Duration of the day, for May 21

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

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

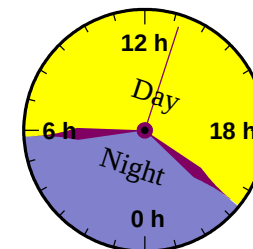
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
18					1 121 - 244 06:14 - 19:59 13:45 +2 m. 67°	2 122 - 243 06:13 - 20:00 13:47 +2 m. 68°	3 123 - 242 06:12 - 20:01 13:49 +2 m. 68°
19	4 124 - 241 06:11 - 20:02 13:51 +2 m. 68°	5 125 - 240 06:10 - 20:03 13:53 +2 m. 69°	6 126 - 239 06:09 - 20:04 13:55 +2 m. 69°	7 127 - 238 06:08 - 20:05 13:57 +2 m. 69°	8 128 - 237 06:07 - 20:06 13:59 +2 m. 69°	9 129 - 236 06:06 - 20:07 14:01 +2 m. 70°	10 130 - 235 06:05 - 20:08 14:03 +2 m. 70°
20	11 131 - 234 06:04 - 20:08 14:05 +2 m. 70°	12 132 - 233 06:03 - 20:09 14:06 +1 m. 70°	13 133 - 232 06:02 - 20:10 14:08 +2 m. 71°	14 134 - 231 06:01 - 20:11 14:10 +2 m. 71°	15 135 - 230 06:00 - 20:12 14:12 +2 m. 71°	16 136 - 229 05:59 - 20:13 14:13 +1 m. 71°	17 137 - 228 05:59 - 20:14 14:15 +2 m. 72°
21	18 138 - 227 05:58 - 20:15 14:17 +2 m. 72°	19 139 - 226 05:57 - 20:15 14:18 +1 m. 72°	20 140 - 225 05:56 - 20:16 14:20 +2 m. 72°	21 141 - 224 05:56 - 20:17 14:21 +1 m. 72°	22 142 - 223 05:55 - 20:18 14:23 +2 m. 73°	23 143 - 222 05:54 - 20:19 14:24 +1 m. 73°	24 144 - 221 05:54 - 20:19 14:26 +2 m. 73°
22	25 145 - 220 05:53 - 20:20 14:27 +1 m. 73°	26 146 - 219 05:53 - 20:21 14:29 +2 m. 73°	27 147 - 218 05:52 - 20:22 14:30 +1 m. 74°	28 148 - 217 05:52 - 20:23 14:31 +1 m. 74°	29 149 - 216 05:51 - 20:23 14:32 +1 m. 74°	30 150 - 215 05:51 - 20:24 14:34 +2 m. 74°	31 151 - 214 05:50 - 20:25 14:35 +1 m. 74°



June 2015

San Francisco

-122.45°E, 37.75°N

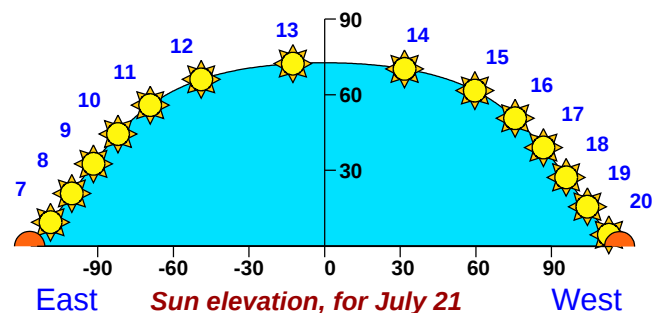


Duration of the day, for June 21

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

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

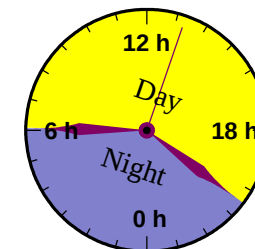
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
23	1 152 - 213 05:50 - 20:25 14:36 +1 m. 74°	2 153 - 212 05:49 - 20:26 14:37 +1 m. 74°	3 154 - 211 05:49 - 20:27 14:38 +1 m. 75°	4 155 - 210 05:49 - 20:27 14:39 +1 m. 75°	5 156 - 209 05:49 - 20:28 14:40 +1 m. 75°	6 157 - 208 05:48 - 20:29 14:40 +0 m. 75°	7 158 - 207 05:48 - 20:29 14:41 +1 m. 75°
24	8 159 - 206 05:48 - 20:30 14:42 +1 m. 75°	9 160 - 205 05:48 - 20:30 14:43 +1 m. 75°	10 161 - 204 05:48 - 20:31 14:43 +0 m. 75°	11 162 - 203 05:48 - 20:31 14:44 +1 m. 75°	12 163 - 202 05:48 - 20:32 14:44 +0 m. 75°	13 164 - 201 05:48 - 20:32 14:45 +1 m. 75°	14 165 - 200 05:48 - 20:33 14:45 +0 m. 76°
25	15 166 - 199 05:48 - 20:33 14:46 +1 m. 76°	16 167 - 198 05:48 - 20:33 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°	19 170 - 195 05:48 - 20:34 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°
26	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 14:47 +0 m. 76°	25 176 - 189 05:49 - 20:36 14:46 -1 m. 76°	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 05:50 - 20:36 14:46 +0 m. 76°
27	29 180 - 185 05:51 - 20:36 14:45 -1 m. 75°	30 181 - 184 05:51 - 20:36 14:45 +0 m. 75°					



July 2015

San Francisco

-122.45°E, 37.75°N

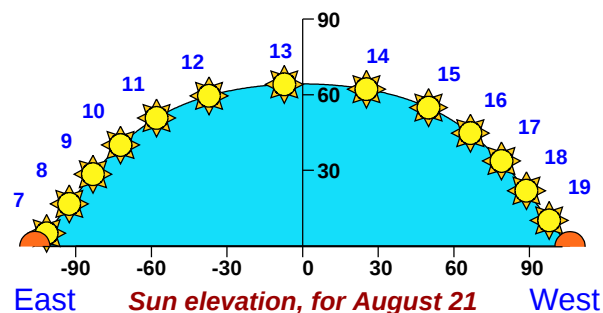


Duration of the day, for July 21

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

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

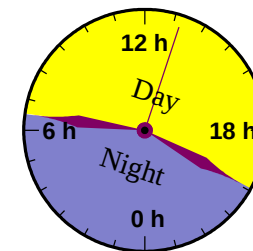
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
27			1 182 - 183 05:52 - 20:36 14:44 -1 m. 75°	2 183 - 182 05:52 - 20:36 14:44 +0 m. 75°	3 184 - 181 05:53 - 20:36 14:43 -1 m. 75°	4 185 - 180 05:53 - 20:36 14:42 -1 m. 75°	5 186 - 179 05:54 - 20:35 14:42 +0 m. 75°
28	6 187 - 178 05:54 - 20:35 14:41 -1 m. 75°	7 188 - 177 05:55 - 20:35 14:40 -1 m. 75°	8 189 - 176 05:55 - 20:35 14:39 -1 m. 75°	9 190 - 175 05:56 - 20:34 14:38 -1 m. 75°	10 191 - 174 05:57 - 20:34 14:37 -1 m. 74°	11 192 - 173 05:57 - 20:34 14:36 -1 m. 74°	12 193 - 172 05:58 - 20:33 14:36 +0 m. 74°
29	13 194 - 171 05:59 - 20:33 14:34 -2 m. 74°	14 195 - 170 05:59 - 20:32 14:33 -1 m. 74°	15 196 - 169 06:00 - 20:32 14:32 -1 m. 74°	16 197 - 168 06:01 - 20:32 14:31 -1 m. 74°	17 198 - 167 06:01 - 20:31 14:30 -1 m. 73°	18 199 - 166 06:02 - 20:30 14:28 -2 m. 73°	19 200 - 165 06:03 - 20:30 14:27 -1 m. 73°
30	20 201 - 164 06:04 - 20:29 14:26 -1 m. 73°	21 202 - 163 06:04 - 20:29 14:24 -2 m. 73°	22 203 - 162 06:05 - 20:28 14:23 -1 m. 72°	23 204 - 161 06:06 - 20:27 14:21 -2 m. 72°	24 205 - 160 06:07 - 20:26 14:20 -1 m. 72°	25 206 - 159 06:08 - 20:26 14:18 -2 m. 72°	26 207 - 158 06:08 - 20:25 14:17 -1 m. 72°
31	27 208 - 157 06:09 - 20:24 14:15 -2 m. 71°	28 209 - 156 06:10 - 20:23 14:13 -2 m. 71°	29 210 - 155 06:11 - 20:22 14:12 -1 m. 71°	30 211 - 154 06:12 - 20:21 14:10 -2 m. 71°	31 212 - 153 06:13 - 20:21 14:08 -2 m. 70°		



August 2015

San Francisco

-122.45°E, 37.75°N



Duration of the day, for August 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

31

32

33

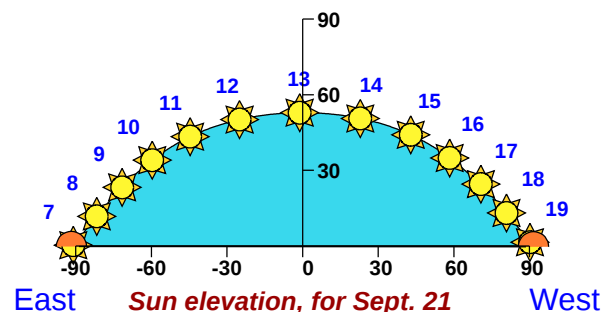
34

35

36

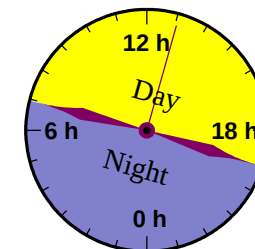
						1 213 - 152 06:13 - 20:20 14:06 -2 m. 70°	2 214 - 151 06:14 - 20:19 14:04 -2 m. 70°
3 215 - 150 06:15 - 20:18 14:03 -1 m. 70°	4 216 - 149 06:16 - 20:17 14:01 -2 m. 69°	5 217 - 148 06:17 - 20:16 13:59 -2 m. 69°	6 218 - 147 06:18 - 20:15 13:57 -2 m. 69°	7 219 - 146 06:19 - 20:13 13:55 -2 m. 69°	8 220 - 145 06:19 - 20:12 13:53 -2 m. 68°	9 221 - 144 06:20 - 20:11 13:51 -2 m. 68°	
10 222 - 143 06:21 - 20:10 13:49 -2 m. 68°	11 223 - 142 06:22 - 20:09 13:47 -2 m. 67°	12 224 - 141 06:23 - 20:08 13:45 -2 m. 67°	13 225 - 140 06:24 - 20:07 13:43 -2 m. 67°	14 226 - 139 06:25 - 20:05 13:41 -2 m. 67°	15 227 - 138 06:25 - 20:04 13:39 -2 m. 66°	16 228 - 137 06:26 - 20:03 13:37 -2 m. 66°	
17 229 - 136 06:27 - 20:02 13:35 -2 m. 66°	18 230 - 135 06:28 - 20:00 13:32 -3 m. 65°	19 231 - 134 06:29 - 19:59 13:30 -2 m. 65°	20 232 - 133 06:30 - 19:58 13:28 -2 m. 65°	21 233 - 132 06:31 - 19:56 13:26 -2 m. 64°	22 234 - 131 06:31 - 19:55 13:24 -2 m. 64°	23 235 - 130 06:32 - 19:54 13:21 -3 m. 64°	
24 236 - 129 06:33 - 19:52 13:19 -2 m. 63°	25 237 - 128 06:34 - 19:51 13:17 -2 m. 63°	26 238 - 127 06:35 - 19:49 13:15 -2 m. 63°	27 239 - 126 06:36 - 19:48 13:12 -3 m. 62°	28 240 - 125 06:37 - 19:47 13:10 -2 m. 62°	29 241 - 124 06:37 - 19:45 13:08 -2 m. 62°	30 242 - 123 06:38 - 19:44 13:06 -2 m. 61°	
31 243 - 122 06:39 - 19:42 13:03 -3 m. 61°							

September 2015



San Francisco

-122.45°E, 37.75°N



Duration of the day, for September 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

36

1 244 - 121
06:40 - 19:41

13:01 -2 m. 60°

2 245 - 120
06:41 - 19:39

12:59 -2 m. 60°

3 246 - 119
06:42 - 19:38

12:56 -3 m. 60°

4 247 - 118
06:42 - 19:36

12:54 -2 m. 59°

5 248 - 117
06:43 - 19:35

12:52 -2 m. 59°

6 249 - 116
06:44 - 19:33

12:49 -3 m. 59°

37

7 250 - 115
06:45 - 19:32

12:47 -2 m. 58°

8 251 - 114
06:46 - 19:30

12:45 -2 m. 58°

9 252 - 113
06:47 - 19:29

12:42 -3 m. 57°

10 253 - 112
06:47 - 19:27

12:40 -2 m. 57°

11 254 - 111
06:48 - 19:26

12:38 -2 m. 57°

12 255 - 110
06:49 - 19:24

12:35 -3 m. 56°

13 256 - 109
06:50 - 19:23

12:33 -2 m. 56°

38

14 257 - 108
06:51 - 19:21

12:30 -3 m. 56°

15 258 - 107
06:52 - 19:20

12:28 -2 m. 55°

16 259 - 106
06:53 - 19:18

12:26 -2 m. 55°

17 260 - 105
06:53 - 19:16

12:23 -3 m. 54°

18 261 - 104
06:54 - 19:15

12:21 -2 m. 54°

19 262 - 103
06:55 - 19:13

12:18 -3 m. 54°

20 263 - 102
06:56 - 19:12

12:16 -2 m. 53°

39

21 264 - 101
06:57 - 19:10

12:14 -2 m. 53°

22 265 - 100
06:58 - 19:09

12:11 -3 m. 52°

23 266 - 99
06:58 - 19:07

12:09 -2 m. 52°

24 267 - 98
06:59 - 19:06

12:06 -3 m. 52°

25 268 - 97
07:00 - 19:04

12:04 -2 m. 51°

26 269 - 96
07:01 - 19:02

12:01 -3 m. 51°

27 270 - 95
07:02 - 19:01

11:59 -2 m. 51°

40

28 271 - 94
07:03 - 18:59

11:57 -2 m. 50°

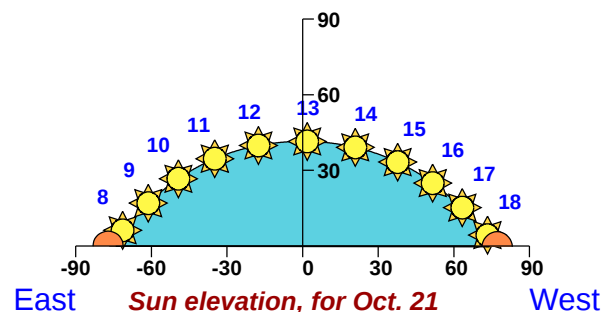
29 272 - 93
07:04 - 18:58

11:54 -3 m. 50°

30 273 - 92
07:05 - 18:56

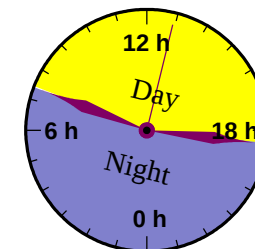
11:52 -2 m. 49°

October 2015



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

40

41

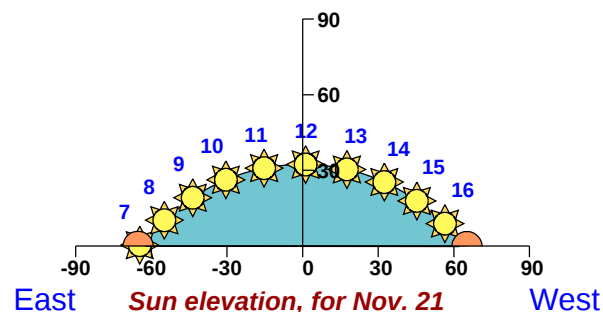
42

43

44

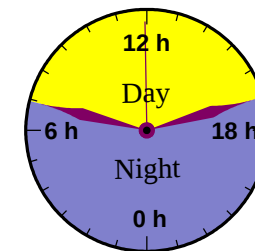
			1 274 - 91 07:05 - 18:55 11:49 -3 m. 49°	2 275 - 90 07:06 - 18:53 11:47 -2 m. 49°	3 276 - 89 07:07 - 18:52 11:45 -2 m. 48°	4 277 - 88 07:08 - 18:50 11:42 -3 m. 48°
5 278 - 87 07:09 - 18:49 11:40 -2 m. 47°	6 279 - 86 07:10 - 18:47 11:37 -3 m. 47°	7 280 - 85 07:11 - 18:46 11:35 -2 m. 47°	8 281 - 84 07:12 - 18:44 11:33 -2 m. 46°	9 282 - 83 07:13 - 18:43 11:30 -3 m. 46°	10 283 - 82 07:14 - 18:41 11:28 -2 m. 46°	11 284 - 81 07:14 - 18:40 11:26 -2 m. 45°
12 285 - 80 07:15 - 18:38 11:23 -3 m. 45°	13 286 - 79 07:16 - 18:37 11:21 -2 m. 44°	14 287 - 78 07:17 - 18:36 11:18 -3 m. 44°	15 288 - 77 07:18 - 18:34 11:16 -2 m. 44°	16 289 - 76 07:19 - 18:33 11:14 -2 m. 43°	17 290 - 75 07:20 - 18:31 11:11 -3 m. 43°	18 291 - 74 07:21 - 18:30 11:09 -2 m. 43°
19 292 - 73 07:22 - 18:29 11:07 -2 m. 42°	20 293 - 72 07:23 - 18:27 11:04 -3 m. 42°	21 294 - 71 07:24 - 18:26 11:02 -2 m. 41°	22 295 - 70 07:25 - 18:25 11:00 -2 m. 41°	23 296 - 69 07:26 - 18:23 10:58 -2 m. 41°	24 297 - 68 07:27 - 18:22 10:55 -3 m. 40°	25 298 - 67 07:28 - 18:21 10:53 -2 m. 40°
26 299 - 66 07:29 - 18:20 10:51 -2 m. 40°	27 300 - 65 07:30 - 18:18 10:48 -3 m. 39°	28 301 - 64 07:31 - 18:17 10:46 -2 m. 39°	29 302 - 63 07:32 - 18:16 10:44 -2 m. 39°	30 303 - 62 07:33 - 18:15 10:42 -2 m. 38°	31 304 - 61 07:34 - 18:14 10:40 -2 m. 38°	

November 2015



San Francisco

-122.45°E, 37.75°N



Duration of the day, for November 21

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

Time change November 1

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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

44

45

46

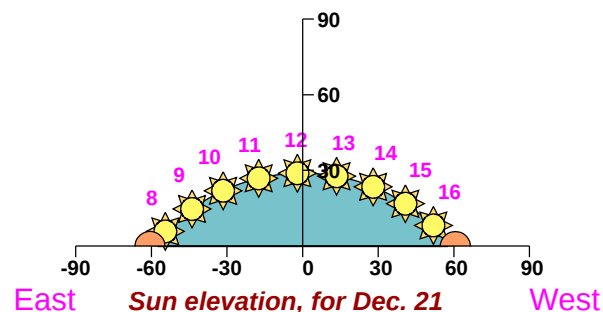
47

48

49

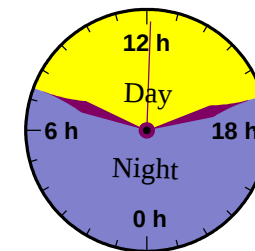
2 306 - 59 06:36 - 17:11 10:35 -3 m. 37°	3 307 - 58 06:37 - 17:10 10:33 -2 m. 37°	4 308 - 57 06:38 - 17:09 10:31 -2 m. 37°	5 309 - 56 06:39 - 17:08 10:29 -2 m. 37°	6 310 - 55 06:40 - 17:07 10:27 -2 m. 36°	7 311 - 54 06:41 - 17:06 10:25 -2 m. 36°	1 305 - 60 06:35 - 17:13 10:38 -2 m. 38°
						8 312 - 53 06:43 - 17:05 10:23 -2 m. 36°
						9 313 - 52 06:44 - 17:04 10:21 -2 m. 35°
						10 314 - 51 06:45 - 17:04 10:19 -2 m. 35°
						11 315 - 50 06:46 - 17:03 10:17 -2 m. 35°
16 320 - 45 06:51 - 16:59 10:08 -2 m. 33°	17 321 - 44 06:52 - 16:58 10:06 -2 m. 33°	18 322 - 43 06:53 - 16:57 10:04 -2 m. 33°	19 323 - 42 06:54 - 16:57 10:03 -1 m. 33°	20 324 - 41 06:55 - 16:56 10:01 -2 m. 33°	21 325 - 40 06:56 - 16:56 9:59 -2 m. 32°	12 316 - 49 06:47 - 17:02 10:15 -2 m. 35°
						13 317 - 48 06:48 - 17:01 10:13 -2 m. 34°
						14 318 - 47 06:49 - 17:00 10:11 -2 m. 34°
						15 319 - 46 06:50 - 16:59 10:10 -1 m. 34°
						16 320 - 45 06:51 - 16:59 10:08 -2 m. 33°
23 327 - 38 06:58 - 16:55 9:56 -1 m. 32°	24 328 - 37 06:59 - 16:54 9:54 -2 m. 32°	25 329 - 36 07:00 - 16:54 9:53 -1 m. 31°	26 330 - 35 07:01 - 16:53 9:51 -2 m. 31°	27 331 - 34 07:02 - 16:53 9:50 -1 m. 31°	28 332 - 33 07:03 - 16:52 9:49 -1 m. 31°	17 322 - 43 06:53 - 16:57 10:04 -2 m. 33°
						18 322 - 43 06:53 - 16:57 10:04 -2 m. 33°
						19 323 - 42 06:54 - 16:57 10:03 -1 m. 33°
						20 324 - 41 06:55 - 16:56 10:01 -2 m. 33°
						21 325 - 40 06:56 - 16:56 9:59 -2 m. 32°
30 334 - 31 07:05 - 16:52 9:46 -1 m. 31°						22 326 - 39 06:57 - 16:55 9:57 -2 m. 32°
						23 327 - 38 06:58 - 16:55 9:56 -1 m. 32°

December 2015



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

49

1 335 - 30
07:06 - 16:52

9:45 -1 m. 30°

2 336 - 29
07:07 - 16:51

9:44 -1 m. 30°

3 337 - 28
07:08 - 16:51

9:43 -1 m. 30°

4 338 - 27
07:09 - 16:51

9:42 -1 m. 30°

5 339 - 26
07:10 - 16:51

9:40 -2 m. 30°

6 340 - 25
07:11 - 16:51

9:40 +0 m. 30°

50

7 341 - 24
07:12 - 16:51

9:39 -1 m. 30°

8 342 - 23
07:13 - 16:51

9:38 -1 m. 30°

9 343 - 22
07:13 - 16:51

9:37 -1 m. 29°

10 344 - 21
07:14 - 16:51

9:36 -1 m. 29°

11 345 - 20
07:15 - 16:51

9:36 +0 m. 29°

12 346 - 19
07:16 - 16:51

9:35 -1 m. 29°

13 347 - 18
07:17 - 16:51

9:34 -1 m. 29°

51

14 348 - 17
07:17 - 16:52

9:34 +0 m. 29°

15 349 - 16
07:18 - 16:52

9:34 +0 m. 29°

16 350 - 15
07:19 - 16:52

9:33 -1 m. 29°

17 351 - 14
07:19 - 16:53

9:33 +0 m. 29°

18 352 - 13
07:20 - 16:53

9:33 +0 m. 29°

19 353 - 12
07:20 - 16:53

9:32 -1 m. 29°

20 354 - 11
07:21 - 16:54

9:32 +0 m. 29°

52

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
07:23 - 16:56

9:32 +0 m. 29°

26 360 - 5
07:24 - 16:57

9:33 +1 m. 29°

27 361 - 4
07:24 - 16:57

9:33 +0 m. 29°

53

28 362 - 3
07:24 - 16:58

9:33 +0 m. 29°

29 363 - 2
07:25 - 16:59

9:34 +1 m. 29°

30 364 - 1
07:25 - 16:59

9:34 +0 m. 29°

31 365 - 0
07:25 - 17:00

9:35 +1 m. 29°