

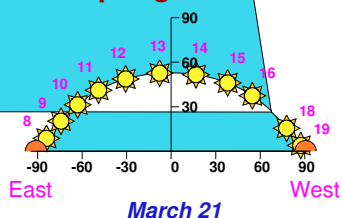
Cale

an
2.45

ScientiDev
www.scientidev.fr



Spring



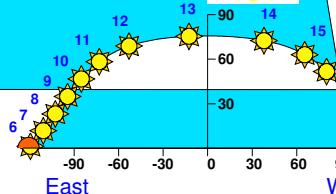
March 21

Day duration 12:11



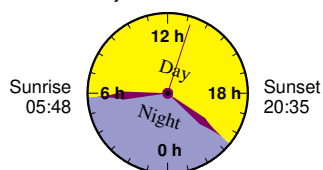
Spring Equinox

Summer



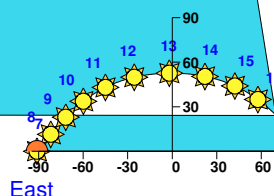
June 21

Day duration 14:47



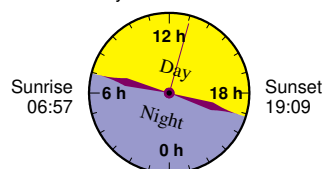
Summer Solstice

Autumn



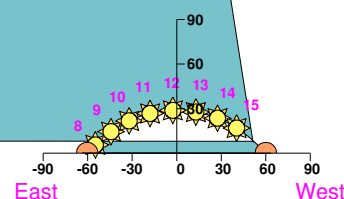
Sept. 21

Day duration 12:12



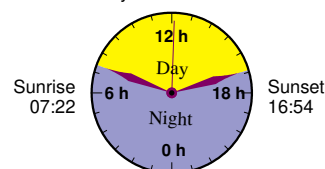
Autumn Equinox

Winter



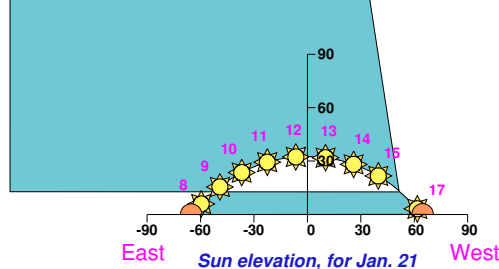
Dec. 21

Day duration 9:32

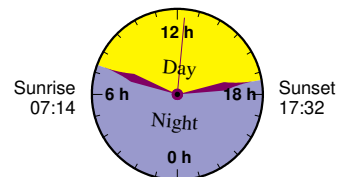


Winter Solstice

January 2021



San Francisco
-122.45°E, 37.75°N



Duration of the day, for January 21

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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

1

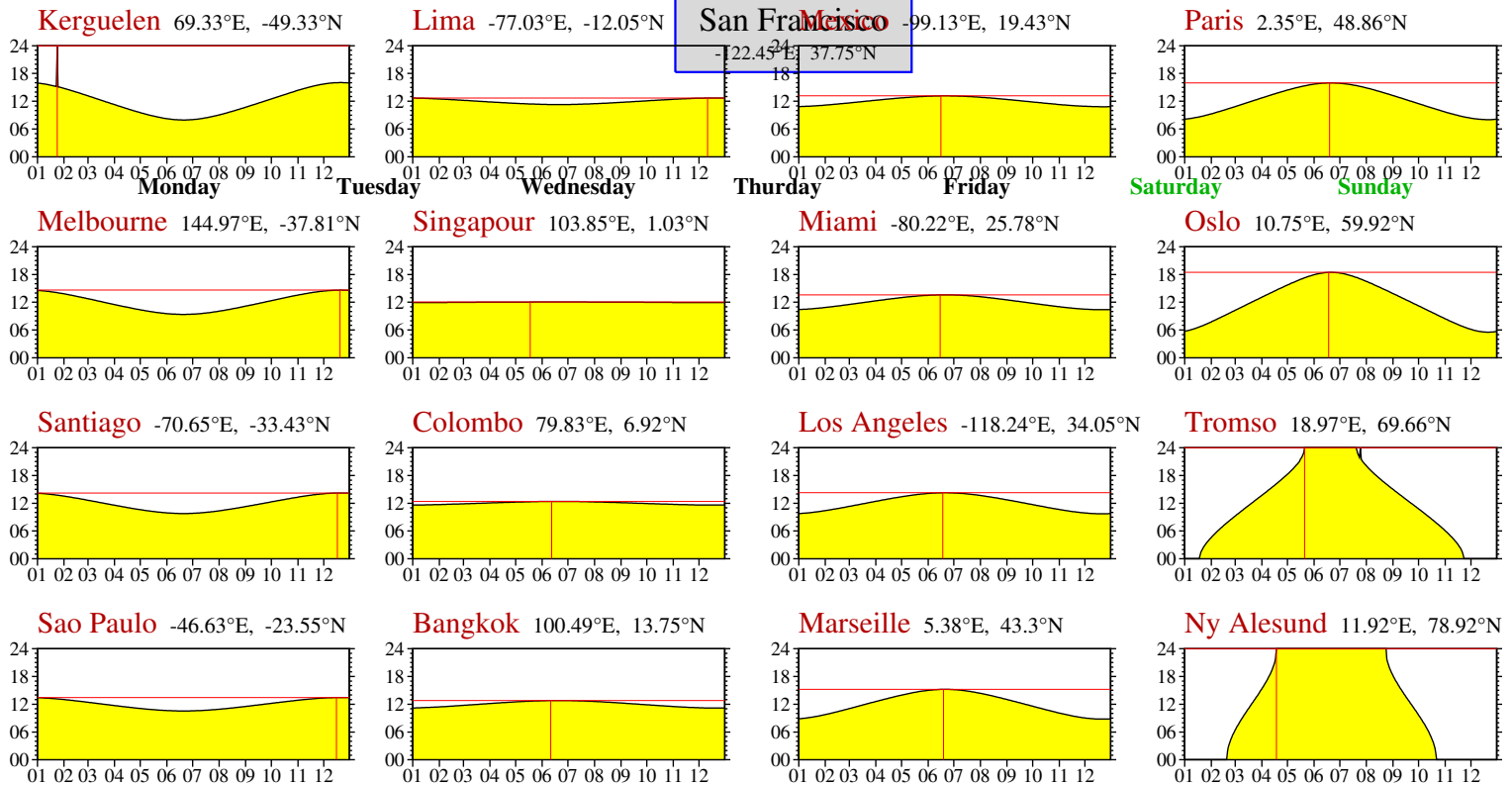
2

3

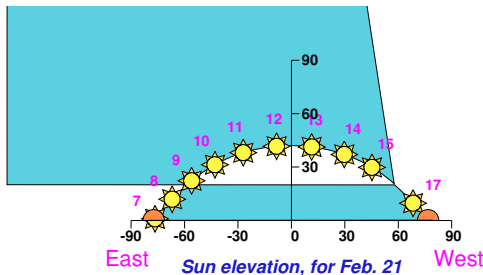
4

				1 1 - 365 07:25 - 17:02 29°	2 2 - 363 07:26 - 17:02 29°	3 3 - 362 07:26 - 17:03 30°
4 4 - 361 07:26 - 17:04 30°	5 5 - 360 07:26 - 17:05 30°	6 6 - 359 07:26 - 17:06 30°	7 7 - 358 07:26 - 17:07 30°	8 8 - 357 07:26 - 17:08 30°	9 9 - 356 07:25 - 17:09 30°	10 10 - 355 07:25 - 17:09 30°
11 11 - 354 07:25 - 17:10 31°	12 12 - 353 07:25 - 17:11 31°	13 13 - 352 07:25 - 17:12 31°	14 14 - 351 07:24 - 17:13 31°	15 15 - 350 07:24 - 17:14 31°	16 16 - 349 07:24 - 17:15 32°	17 17 - 348 07:23 - 17:17 32°
18 18 - 347 07:23 - 17:18 32°	19 19 - 346 07:22 - 17:19 32°	20 20 - 345 07:22 - 17:20 32°	21 21 - 344 07:21 - 17:21 33°	22 22 - 343 07:21 - 17:22 33°	23 23 - 342 07:20 - 17:23 33°	24 24 - 341 07:20 - 17:24 33°
25 25 - 340 07:19 - 17:25 34°	26 26 - 339 07:18 - 17:26 34°	27 27 - 338 07:18 - 17:27 34°	28 28 - 337 07:17 - 17:29 34°	29 29 - 336 07:16 - 17:30 35°	30 30 - 335 07:15 - 17:31 35°	31 31 - 334 07:14 - 17:32 35°

Durée du jour pour quelques villes en **February 2022**



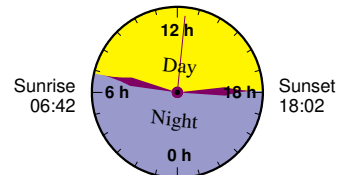
Produced by **ScientiDev** www.scientidev.fr



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

February 2021

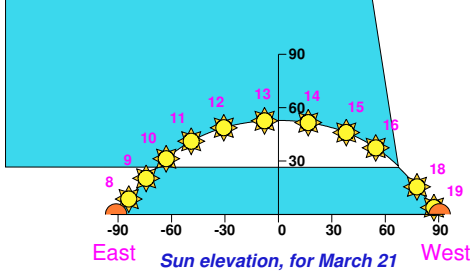
San Francisco
-122.45°E, 37.75°N



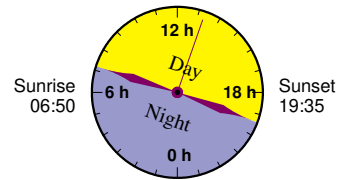
Duration of the day, for February 21

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

March 2021



San Francisco
-122.45°E, 37.75°N



Duration of the day, for March 21

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

Time change March 14

Monday

Tuesday

Wednesday

Thursday

Friday

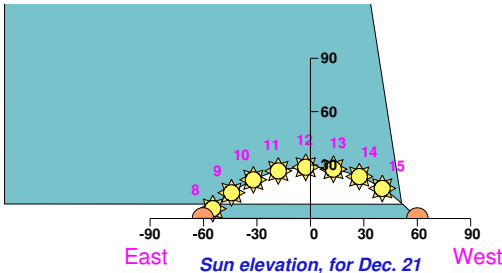
Saturday

Sunday

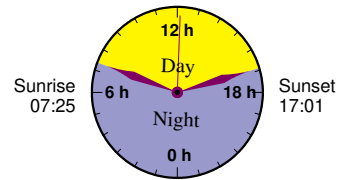
1 60 - 305 06:41 - 18:03 45°	2 61 - 304 06:39 - 18:04 45°	3 62 - 303 06:38 - 18:05 46°	4 63 - 302 06:37 - 18:06 46°	5 64 - 301 06:35 - 18:07 47°	6 65 - 300 06:34 - 18:08 47°	7 66 - 299 06:32 - 18:09 47°
8 67 - 298 06:31 - 18:10 48°	9 68 - 297 06:29 - 18:11 48°	10 69 - 296 06:28 - 18:12 48°	11 70 - 295 06:26 - 18:13 49°	12 71 - 294 06:25 - 18:14 49°	13 72 - 293 06:23 - 18:15 50°	14 73 - 292 07:22 - 19:16 50°
15 74 - 291 07:20 - 19:17 50°	16 75 - 290 07:19 - 19:18 51°	17 76 - 289 07:17 - 19:19 51°	18 77 - 288 07:16 - 19:19 52°	19 78 - 287 07:14 - 19:20 52°	20 79 - 286 07:13 - 19:21 52°	21 80 - 285 07:11 - 19:22 53°
22 81 - 284 07:10 - 19:23 53°	23 82 - 283 07:08 - 19:24 54°	24 83 - 282 07:07 - 19:25 54°	25 84 - 281 07:05 - 19:26 54°	26 85 - 280 07:04 - 19:27 55°	27 86 - 279 07:02 - 19:28 55°	28 87 - 278 07:01 - 19:29 56°
29 88 - 277 06:59 - 19:30 56°	30 89 - 276 06:58 - 19:31 56°	31 90 - 275 06:56 - 19:31 57°				

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December 2021



San Francisco
-122.45°E, 37.75°N



Duration of the day, for December 21

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

Monday

Tuesday

Wednesday

Thursday

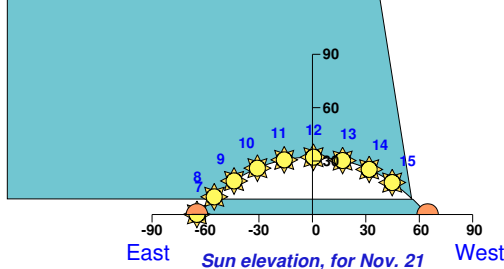
Friday

Saturday

Sunday

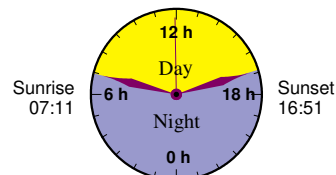
		1 335 - 30 07:07 - 16:51 30°	2 336 - 29 07:08 - 16:51 30°	3 337 - 28 07:09 - 16:51 30°	4 338 - 27 07:10 - 16:51 30°	5 339 - 26 07:11 - 16:51 30°
6 340 - 25 07:11 - 16:51 30°	7 341 - 24 07:12 - 16:51 30°	8 342 - 23 07:13 - 16:51 29°	9 343 - 22 07:14 - 16:51 29°	10 344 - 21 07:15 - 16:51 29°	11 345 - 20 07:15 - 16:51 29°	12 346 - 19 07:16 - 16:51 29°
13 347 - 18 07:17 - 16:52 29°	14 348 - 17 07:18 - 16:52 29°	15 349 - 16 07:18 - 16:52 29°	16 350 - 15 07:19 - 16:52 29°	17 351 - 14 07:20 - 16:53 29°	18 352 - 13 07:20 - 16:53 29°	19 353 - 12 07:21 - 16:53 29°
20 354 - 11 07:21 - 16:54 29°	21 355 - 10 07:22 - 16:54 29°	22 356 - 9 07:22 - 16:55 29°	23 357 - 8 07:23 - 16:55 29°	24 358 - 7 07:23 - 16:56 29°	25 359 - 6 07:24 - 16:56 29°	26 360 - 5 07:24 - 16:57 29°
27 361 - 4 07:24 - 16:58 29°	28 362 - 3 07:25 - 16:58 29°	29 363 - 2 07:25 - 16:59 29°	30 364 - 1 07:25 - 17:00 29°	31 365 - 0 07:25 - 17:01 29°		

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



November 2021

San Francisco
-122.45°E, 37.75°N



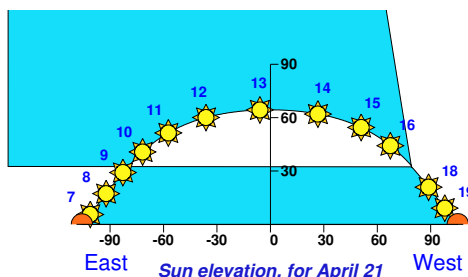
Duration of the day, for November 21

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

Time change November 7

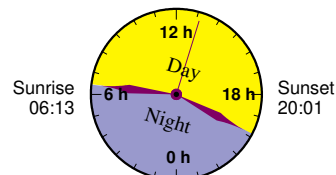
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
44	1 305 - 60 07:36 - 18:12 38°	2 306 - 59 07:37 - 18:11 37°	3 307 - 58 07:38 - 18:10 37°	4 308 - 57 07:39 - 18:09 37°	5 309 - 56 07:40 - 18:08 36°	6 310 - 55 07:41 - 18:07 36°	7 311 - 54 06:42 - 17:06 36°
45	8 312 - 53 06:43 - 17:05 35°	9 313 - 52 06:44 - 17:04 35°	10 314 - 51 06:45 - 17:03 35°	11 315 - 50 06:46 - 17:02 35°	12 316 - 49 06:47 - 17:01 34°	13 317 - 48 06:48 - 17:01 34°	14 318 - 47 06:50 - 17:00 34°
46	15 319 - 46 06:51 - 16:59 34°	16 320 - 45 06:52 - 16:58 33°	17 321 - 44 06:53 - 16:58 33°	18 322 - 43 06:54 - 16:57 33°	19 323 - 42 06:55 - 16:56 33°	20 324 - 41 06:56 - 16:56 32°	21 325 - 40 06:57 - 16:55 32°
47	22 326 - 39 06:58 - 16:55 32°	23 327 - 38 06:59 - 16:54 32°	24 328 - 37 07:00 - 16:54 32°	25 329 - 36 07:01 - 16:53 31°	26 330 - 35 07:02 - 16:53 31°	27 331 - 34 07:03 - 16:53 31°	28 332 - 33 07:04 - 16:52 31°
48	29 333 - 32 07:05 - 16:52 31°	30 334 - 31 07:06 - 16:52 31°					

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



April 2021

San Francisco
-122.45°E, 37.75°N

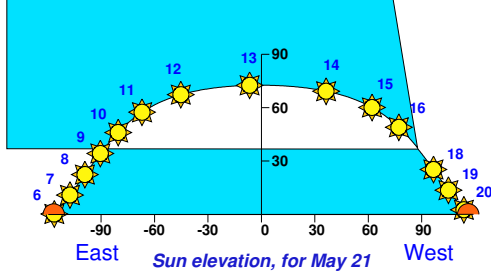


Duration of the day, for April 21

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

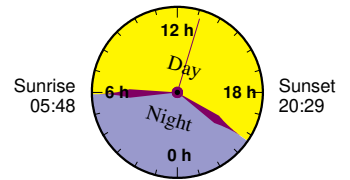
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
13				1 91 - 274 06:55 - 19:32 57°	2 92 - 273 06:53 - 19:33 58°	3 93 - 272 06:52 - 19:34 58°	4 94 - 271 06:50 - 19:35 58°
14	5 95 - 270 06:49 - 19:36 59°	6 96 - 269 06:47 - 19:37 59°	7 97 - 268 06:46 - 19:38 59°	8 98 - 267 06:44 - 19:39 60°	9 99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

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May 2021

San Francisco
-122.45°E, 37.75°N



Duration of the day, for May 21

Sunrise and Sunset at San Francisco (TL ± 1 mn) and sun maximal elevation ($^\circ$)

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

17

18

19

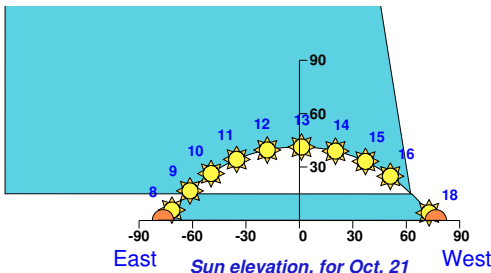
20

21

22

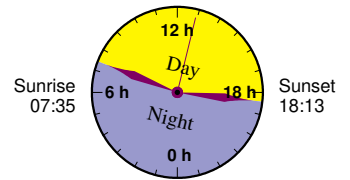
1 121 - 244 06:14 - 20:00 68°	2 122 - 243 06:13 - 20:01 68°
3 123 - 242 06:12 - 20:02 68°	4 124 - 241 06:10 - 20:03 68°
5 125 - 240 06:09 - 20:04 69°	6 126 - 239 06:08 - 20:04 69°
7 127 - 238 06:07 - 20:05 69°	8 128 - 237 06:06 - 20:06 70°
9 129 - 236 06:05 - 20:07 70°	10 130 - 235 06:04 - 20:08 70°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

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



October 2021

San Francisco
-122.45°E, 37.75°N



Duration of the day, for October 21

Sunrise and Sunset at San Francisco (TL ± 1 mn) and sun maximal elevation ($^\circ$)

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

39

40

41

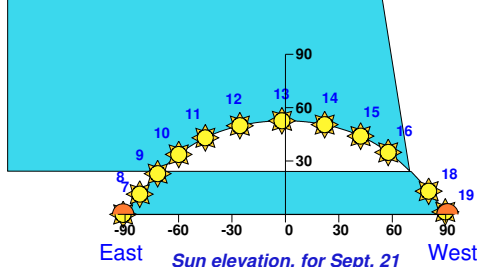
42

43

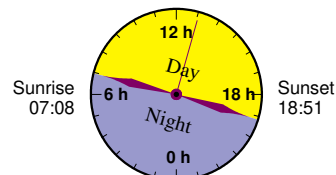
1 274 - 91 07:06 - 18:54 49°	2 275 - 90 07:07 - 18:52 48°	3 276 - 89 07:08 - 18:51 48°
4 277 - 88 07:09 - 18:49 48°	5 278 - 87 07:09 - 18:48 47°	6 279 - 86 07:10 - 18:46 47°
7 280 - 85 07:11 - 18:45 46°	8 281 - 84 07:12 - 18:43 46°	9 282 - 83 07:13 - 18:42 46°
10 283 - 82 07:14 - 18:40 45°	11 284 - 81 07:15 - 18:39 45°	12 285 - 80 07:16 - 18:38 45°
13 286 - 79 07:17 - 18:36 44°	14 287 - 78 07:18 - 18:35 44°	15 288 - 77 07:19 - 18:33 43°
16 289 - 76 07:20 - 18:32 43°	17 290 - 75 07:21 - 18:31 43°	18 291 - 74 07:22 - 18:29 42°
19 292 - 73 07:23 - 18:28 42°	20 293 - 72 07:24 - 18:27 42°	21 294 - 71 07:25 - 18:25 41°
22 295 - 70 07:26 - 18:24 41°	23 296 - 69 07:27 - 18:23 41°	24 297 - 68 07:28 - 18:21 40°
25 298 - 67 07:29 - 18:20 40°	26 299 - 66 07:30 - 18:19 40°	27 300 - 65 07:31 - 18:18 39°
28 301 - 64 07:32 - 18:17 39°	29 302 - 63 07:33 - 18:15 39°	30 303 - 62 07:34 - 18:14 38°
31 304 - 61 07:35 - 18:13 38°		

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

September 2021



San Francisco
-122.45°E, 37.75°N



Duration of the day, for September 21

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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

35

36

37

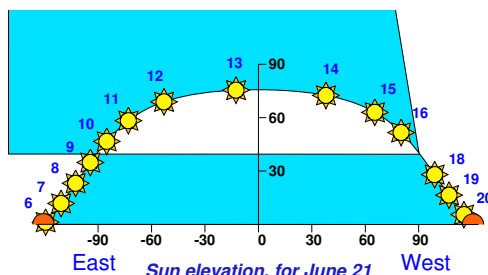
38

39

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

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

June 2021



San Francisco
-122.45°E, 37.75°N



Duration of the day, for June 21

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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

22

23

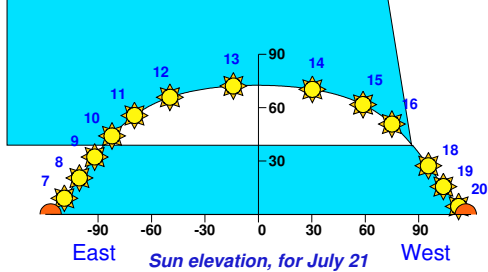
24

25

26

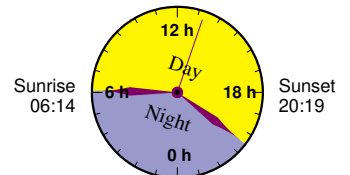
	1 152 - 213 05:50 - 20:26 74°	2 153 - 212 05:49 - 20:26 75°	3 154 - 211 05:49 - 20:27 75°	4 155 - 210 05:49 - 20:28 75°	5 156 - 209 05:48 - 20:28 75°	6 157 - 208 05:48 - 20:29 75°
7 158 - 207 05:48 - 20:30 75°	8 159 - 206 05:48 - 20:30 75°	9 160 - 205 05:48 - 20:31 75°	10 161 - 204 05:48 - 20:31 75°	11 162 - 203 05:48 - 20:32 75°	12 163 - 202 05:48 - 20:32 75°	13 164 - 201 05:48 - 20:32 76°
14 165 - 200 05:48 - 20:33 76°	15 166 - 199 05:48 - 20:33 76°	16 167 - 198 05:48 - 20:34 76°	17 168 - 197 05:48 - 20:34 76°	18 169 - 196 05:48 - 20:34 76°	19 170 - 195 05:48 - 20:35 76°	20 171 - 194 05:48 - 20:35 76°
21 172 - 193 05:48 - 20:35 76°	22 173 - 192 05:49 - 20:35 76°	23 174 - 191 05:49 - 20:35 76°	24 175 - 190 05:49 - 20:36 76°	25 176 - 189 05:50 - 20:36 76°	26 177 - 188 05:50 - 20:36 76°	27 178 - 187 05:50 - 20:36 76°
28 179 - 186 05:51 - 20:36 75°	29 180 - 185 05:51 - 20:36 75°	30 181 - 184 05:52 - 20:36 75°				

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



July 2021

San Francisco
-122.45°E, 37.75°N



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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

26

27

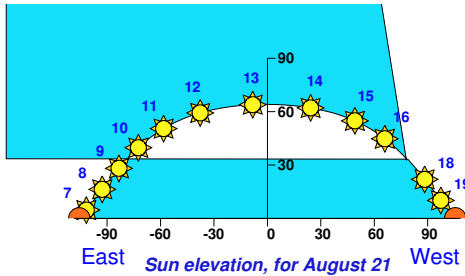
28

29

30

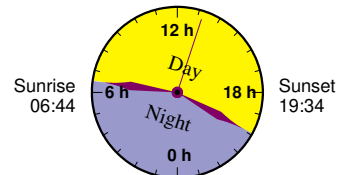
			1 182 - 183 05:52 - 20:36 75°	2 183 - 182 05:53 - 20:36 75°	3 184 - 181 05:53 - 20:36 75°	4 185 - 180 05:54 - 20:35 75°
5 186 - 179 05:54 - 20:35 75°	6 187 - 178 05:55 - 20:35 75°	7 188 - 177 05:55 - 20:35 75°	8 189 - 176 05:56 - 20:35 75°	9 190 - 175 05:56 - 20:34 75°	10 191 - 174 05:57 - 20:34 74°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

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



August 2021

San Francisco
-122.45°E, 37.75°N



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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

30

31

32

33

34

35

						1 213 - 152 06:14 - 20:19 70°
2 214 - 151 06:15 - 20:18 70°	3 215 - 150 06:16 - 20:17 70°	4 216 - 149 06:16 - 20:16 69°	5 217 - 148 06:17 - 20:15 69°	6 218 - 147 06:18 - 20:14 69°	7 219 - 146 06:19 - 20:13 68°	8 220 - 145 06:20 - 20:12 68°
9 221 - 144 06:21 - 20:11 68°	10 222 - 143 06:22 - 20:10 68°	11 223 - 142 06:22 - 20:08 67°	12 224 - 141 06:23 - 20:07 67°	13 225 - 140 06:24 - 20:06 67°	14 226 - 139 06:25 - 20:05 66°	15 227 - 138 06:26 - 20:03 66°
16 228 - 137 06:27 - 20:02 66°	17 229 - 136 06:28 - 20:01 65°	18 230 - 135 06:28 - 20:00 65°	19 231 - 134 06:29 - 19:58 65°	20 232 - 133 06:30 - 19:57 64°	21 233 - 132 06:31 - 19:56 64°	22 234 - 131 06:32 - 19:54 64°
23 235 - 130 06:33 - 19:53 63°	24 236 - 129 06:34 - 19:52 63°	25 237 - 128 06:34 - 19:50 63°	26 238 - 127 06:35 - 19:49 62°	27 239 - 126 06:36 - 19:47 62°	28 240 - 125 06:37 - 19:46 62°	29 241 - 124 06:38 - 19:44 61°
30 242 - 123 06:39 - 19:43 61°	31 243 - 122 06:40 - 19:42 61°					

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