

Sun Calendar 2017

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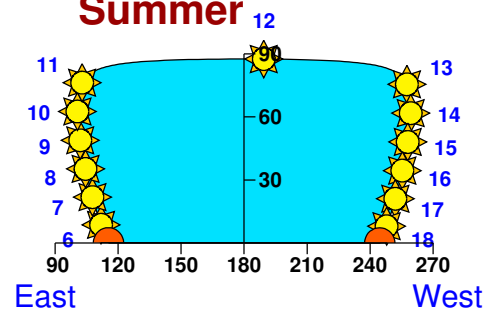
Hanoi

105.88°E, 21.016°N



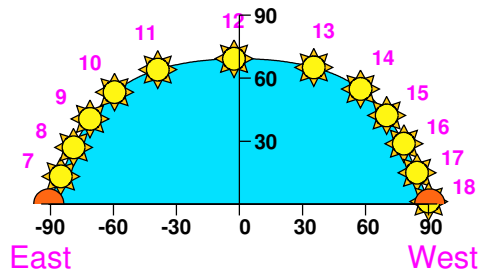
Tropical zone

Summer



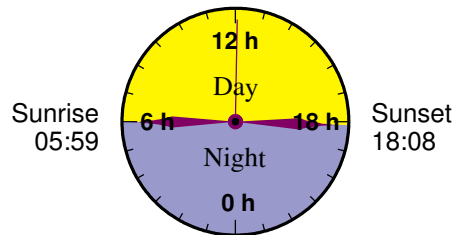
June 21

Spring



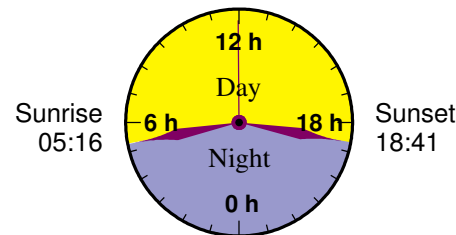
March 21

Day duration 12:09



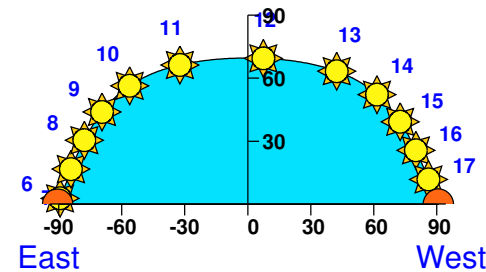
Spring Equinox

Day duration 13:25



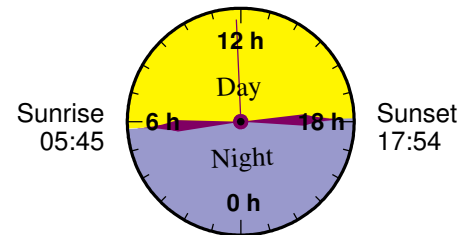
Summer Solstice

Autumn



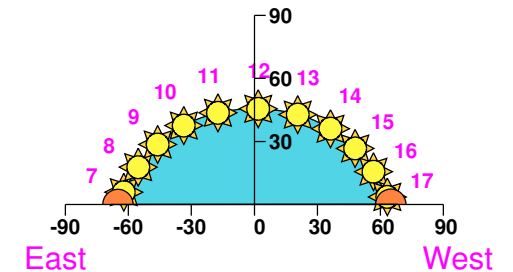
Sept. 21

Day duration 12:09



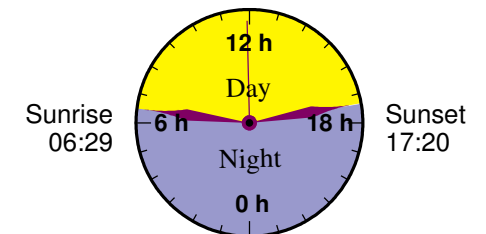
Autumn Equinox

Winter



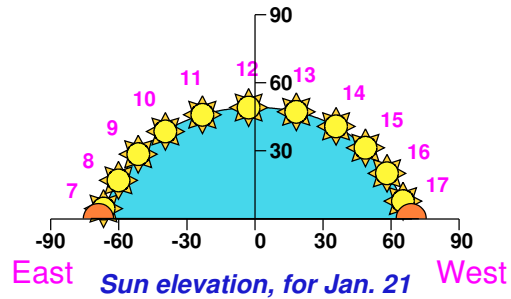
Dec. 21

Day duration 10:51

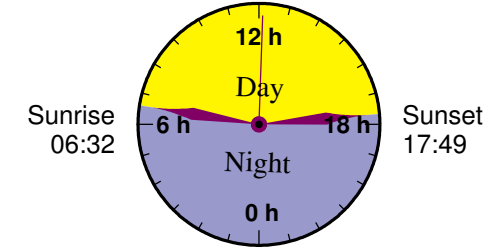


Winter Solstice

January 2017



Hanoi
105.88°E, 21.016°N



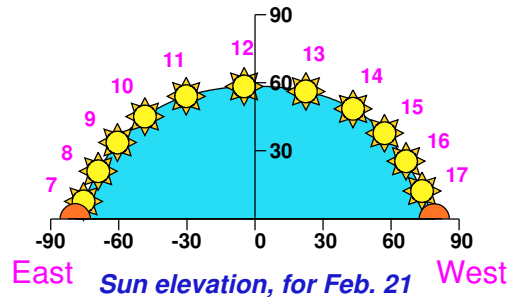
Duration of the day, for January 21

Sunrise and Sunset at Hanoi (TL ± 1 mn)

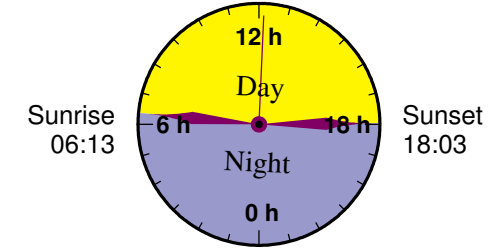
Duration of the day - Variation - Sun maximal elevation (°)

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
							1 1 - 365 06:34 - 17:27 10:53 <i>+1 m.</i> 46°
1	2 2 - 363 06:34 - 17:27 10:53 <i>+0 m.</i> 46°	3 3 - 362 06:35 - 17:28 10:54 <i>+1 m.</i> 46°	4 4 - 361 06:35 - 17:29 10:54 <i>+0 m.</i> 46°	5 5 - 360 06:35 - 17:29 10:54 <i>+0 m.</i> 46°	6 6 - 359 06:35 - 17:30 10:55 <i>+1 m.</i> 47°	7 7 - 358 06:35 - 17:31 10:55 <i>+0 m.</i> 47°	8 8 - 357 06:36 - 17:31 10:56 <i>+1 m.</i> 47°
2	9 9 - 356 06:36 - 17:32 10:56 <i>+0 m.</i> 47°	10 10 - 355 06:36 - 17:33 10:57 <i>+1 m.</i> 47°	11 11 - 354 06:36 - 17:33 10:57 <i>+0 m.</i> 47°	12 12 - 353 06:36 - 17:34 10:58 <i>+1 m.</i> 47°	13 13 - 352 06:36 - 17:35 10:58 <i>+0 m.</i> 48°	14 14 - 351 06:36 - 17:35 10:59 <i>+1 m.</i> 48°	15 15 - 350 06:36 - 17:36 11:00 <i>+1 m.</i> 48°
3	16 16 - 349 06:36 - 17:37 11:00 <i>+0 m.</i> 48°	17 17 - 348 06:36 - 17:37 11:01 <i>+1 m.</i> 48°	18 18 - 347 06:36 - 17:38 11:02 <i>+1 m.</i> 48°	19 19 - 346 06:36 - 17:39 11:03 <i>+1 m.</i> 49°	20 20 - 345 06:36 - 17:39 11:03 <i>+0 m.</i> 49°	21 21 - 344 06:36 - 17:40 11:04 <i>+1 m.</i> 49°	22 22 - 343 06:36 - 17:41 11:05 <i>+1 m.</i> 49°
4	23 23 - 342 06:36 - 17:41 11:06 <i>+1 m.</i> 50°	24 24 - 341 06:35 - 17:42 11:07 <i>+1 m.</i> 50°	25 25 - 340 06:35 - 17:43 11:07 <i>+0 m.</i> 50°	26 26 - 339 06:35 - 17:43 11:08 <i>+1 m.</i> 50°	27 27 - 338 06:35 - 17:44 11:09 <i>+1 m.</i> 51°	28 28 - 337 06:35 - 17:45 11:10 <i>+1 m.</i> 51°	29 29 - 336 06:34 - 17:45 11:11 <i>+1 m.</i> 51°
5	30 30 - 335 06:34 - 17:46 11:12 <i>+1 m.</i> 51°	31 31 - 334 06:34 - 17:46 11:13 <i>+1 m.</i> 52°					

February 2017



Hanoi
105.88°E, 21.016°N



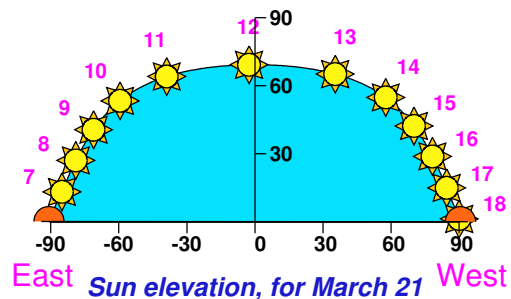
Duration of the day, for February 21

Sunrise and Sunset at Hanoi (TL ± 1 mn)

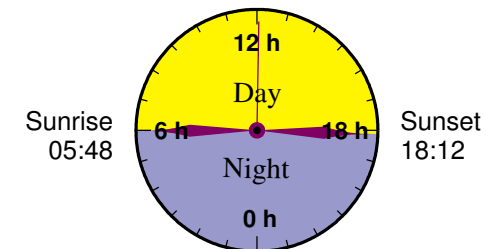
Duration of the day - Variation - Sun maximal elevation (°)

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
5			1 32 - 333 06:33 - 17:47 11:14 +1 m. 52°	2 33 - 332 06:33 - 17:48 11:15 +1 m. 52°	3 34 - 331 06:32 - 17:48 11:16 +1 m. 53°	4 35 - 330 06:32 - 17:49 11:17 +1 m. 53°	5 36 - 329 06:32 - 17:49 11:18 +1 m. 53°
6	6 37 - 328 06:31 - 17:50 11:19 +1 m. 53°	7 38 - 327 06:31 - 17:51 11:20 +1 m. 54°	8 39 - 326 06:30 - 17:51 11:21 +1 m. 54°	9 40 - 325 06:30 - 17:52 11:22 +1 m. 54°	10 41 - 324 06:29 - 17:52 11:23 +1 m. 55°	11 42 - 323 06:29 - 17:53 11:24 +1 m. 55°	12 43 - 322 06:28 - 17:53 11:25 +1 m. 55°
7	13 44 - 321 06:28 - 17:54 11:26 +1 m. 56°	14 45 - 320 06:27 - 17:54 11:27 +1 m. 56°	15 46 - 319 06:26 - 17:55 11:28 +1 m. 56°	16 47 - 318 06:26 - 17:55 11:30 +2 m. 57°	17 48 - 317 06:25 - 17:56 11:31 +1 m. 57°	18 49 - 316 06:24 - 17:56 11:32 +1 m. 57°	19 50 - 315 06:24 - 17:57 11:33 +1 m. 58°
8	20 51 - 314 06:23 - 17:57 11:34 +1 m. 58°	21 52 - 313 06:22 - 17:58 11:35 +1 m. 59°	22 53 - 312 06:22 - 17:58 11:36 +1 m. 59°	23 54 - 311 06:21 - 17:59 11:38 +2 m. 59°	24 55 - 310 06:20 - 17:59 11:39 +1 m. 60°	25 56 - 309 06:19 - 17:59 11:40 +1 m. 60°	26 57 - 308 06:19 - 18:00 11:41 +1 m. 60°
9	27 58 - 307 06:18 - 18:00 11:42 +1 m. 61°	28 59 - 306 06:17 - 18:01 11:44 +2 m. 61°					

March 2017



Hanoi
105.88°E, 21.016°N

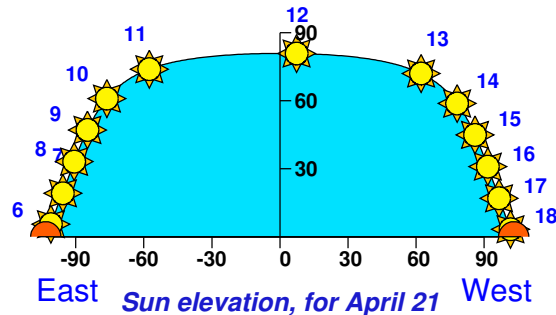


Sunrise and Sunset at Hanoi (TL ± 1 mn)

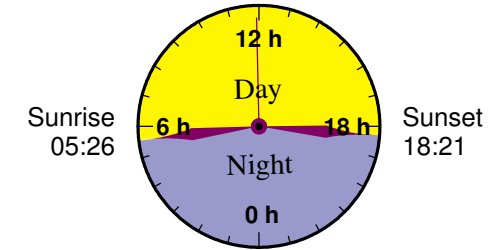
Duration of the day - Variation - Sun maximal elevation (°)

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
9			1 60 - 305 06:16 - 18:01 11:45 +1 m. 61°	2 61 - 304 06:16 - 18:01 11:46 +1 m. 62°	3 62 - 303 06:15 - 18:02 11:47 +1 m. 62°	4 63 - 302 06:14 - 18:02 11:48 +1 m. 63°	5 64 - 301 06:13 - 18:03 11:50 +2 m. 63°
10	6 65 - 300 06:12 - 18:03 11:51 +1 m. 63°	7 66 - 299 06:11 - 18:03 11:52 +1 m. 64°	8 67 - 298 06:11 - 18:04 11:53 +1 m. 64°	9 68 - 297 06:10 - 18:04 11:54 +1 m. 65°	10 69 - 296 06:09 - 18:04 11:56 +2 m. 65°	11 70 - 295 06:08 - 18:05 11:57 +1 m. 65°	12 71 - 294 06:07 - 18:05 11:58 +1 m. 66°
11	13 72 - 293 06:06 - 18:05 11:59 +1 m. 66°	14 73 - 292 06:05 - 18:06 12:00 +1 m. 67°	15 74 - 291 06:05 - 18:06 12:02 +2 m. 67°	16 75 - 290 06:04 - 18:06 12:03 +1 m. 67°	17 76 - 289 06:03 - 18:07 12:04 +1 m. 68°	18 77 - 288 06:02 - 18:07 12:05 +1 m. 68°	19 78 - 287 06:01 - 18:07 12:07 +2 m. 69°
12	20 79 - 286 06:00 - 18:08 12:08 +1 m. 69°	21 80 - 285 05:59 - 18:08 12:09 +1 m. 69°	22 81 - 284 05:58 - 18:08 12:10 +1 m. 70°	23 82 - 283 05:57 - 18:09 12:11 +1 m. 70°	24 83 - 282 05:56 - 18:09 12:13 +2 m. 70°	25 84 - 281 05:56 - 18:09 12:14 +1 m. 71°	26 85 - 280 05:55 - 18:09 12:15 +1 m. 71°
13	27 86 - 279 05:54 - 18:10 12:16 +1 m. 72°	28 87 - 278 05:53 - 18:10 12:17 +1 m. 72°	29 88 - 277 05:52 - 18:10 12:19 +2 m. 72°	30 89 - 276 05:51 - 18:11 12:20 +1 m. 73°	31 90 - 275 05:50 - 18:11 12:21 +1 m. 73°		

April 2017



Hanoi
105.88°E, 21.016°N



Duration of the day, for April 21

Sunrise and Sunset at Hanoi (TL ± 1 mn)

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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

13

14

15

16

17

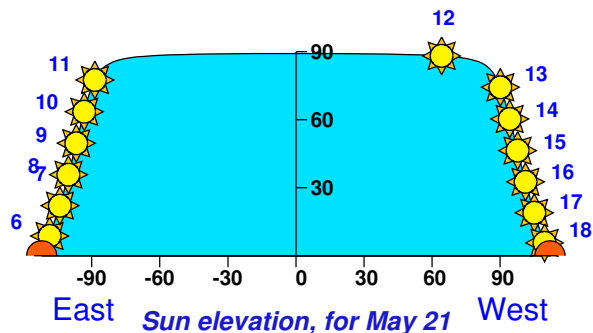
1	2
91 - 274 05:49 - 18:11	92 - 273 05:48 - 18:12
12:22 +1 m. 74°	12:23 +1 m. 74°

3	4	5	6	7	8	9
93 - 272 05:47 - 18:12	94 - 271 05:47 - 18:12	95 - 270 05:46 - 18:13	96 - 269 05:45 - 18:13	97 - 268 05:44 - 18:13	98 - 267 05:43 - 18:13	99 - 266 05:42 - 18:14
12:25 +2 m. 74°	12:26 +1 m. 75°	12:27 +1 m. 75°	12:28 +1 m. 76°	12:29 +1 m. 76°	12:30 +1 m. 76°	12:32 +2 m. 77°

10	11	12	13	14	15	16
100 - 265 05:41 - 18:14	101 - 264 05:40 - 18:14	102 - 263 05:40 - 18:15	103 - 262 05:39 - 18:15	104 - 261 05:38 - 18:15	105 - 260 05:37 - 18:16	106 - 259 05:36 - 18:16
12:33 +1 m. 77°	12:34 +1 m. 77°	12:35 +1 m. 78°	12:36 +1 m. 78°	12:37 +1 m. 78°	12:39 +2 m. 79°	12:40 +1 m. 79°

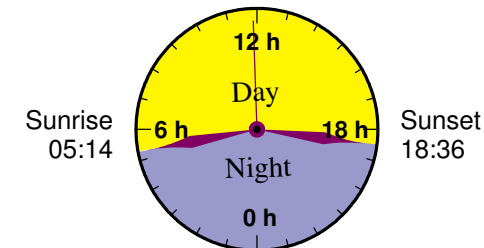
17	18	19	20	21	22	23
107 - 258 05:36 - 18:16	108 - 257 05:35 - 18:17	109 - 256 05:34 - 18:17	110 - 255 05:33 - 18:17	111 - 254 05:33 - 18:18	112 - 253 05:32 - 18:18	113 - 252 05:31 - 18:18
12:41 +1 m. 80°	12:42 +1 m. 80°	12:43 +1 m. 80°	12:44 +1 m. 81°	12:45 +1 m. 81°	12:46 +1 m. 81°	12:47 +1 m. 82°

24	25	26	27	28	29	30
114 - 251 05:30 - 18:19	115 - 250 05:30 - 18:19	116 - 249 05:29 - 18:20	117 - 248 05:28 - 18:20	118 - 247 05:28 - 18:20	119 - 246 05:27 - 18:21	120 - 245 05:26 - 18:21
12:48 +1 m. 82°	12:50 +2 m. 82°	12:51 +1 m. 83°	12:52 +1 m. 83°	12:53 +1 m. 83°	12:54 +1 m. 84°	12:55 +1 m. 84°



May 2017

Hanoi
105.88°E, 21.016°N

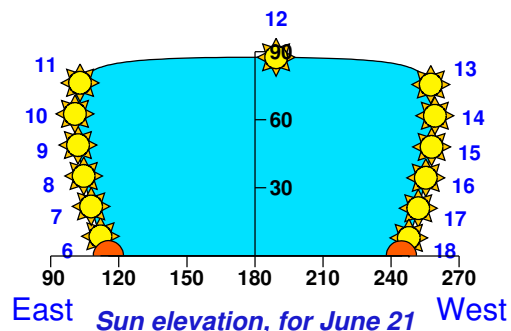


Duration of the day, for May 21

Sunrise and Sunset at Hanoi (TL ± 1 mn)

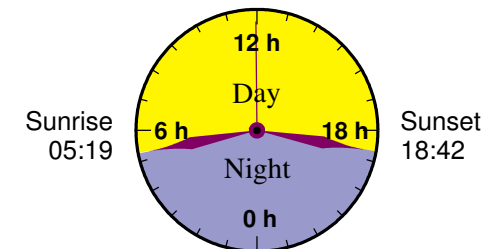
Duration of the day - Variation - Sun maximal elevation (°)

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
18	1 121 - 244 05:26 - 18:21 12:56 +1 m. 84°	2 122 - 243 05:25 - 18:22 12:57 +1 m. 84°	3 123 - 242 05:25 - 18:22 12:58 +1 m. 85°	4 124 - 241 05:24 - 18:23 12:59 +1 m. 85°	5 125 - 240 05:23 - 18:23 13:00 +1 m. 85°	6 126 - 239 05:23 - 18:23 13:01 +1 m. 86°	7 127 - 238 05:22 - 18:24 13:02 +1 m. 86°
19	8 128 - 237 05:22 - 18:24 13:03 +1 m. 86°	9 129 - 236 05:21 - 18:25 13:03 +0 m. 86°	10 130 - 235 05:21 - 18:25 13:04 +1 m. 87°	11 131 - 234 05:20 - 18:25 13:05 +1 m. 87°	12 132 - 233 05:20 - 18:26 13:06 +1 m. 87°	13 133 - 232 05:19 - 18:26 13:07 +1 m. 87°	14 134 - 231 05:19 - 18:27 13:08 +1 m. 88°
20	15 135 - 230 05:19 - 18:27 13:09 +1 m. 88°	16 136 - 229 05:18 - 18:28 13:09 +0 m. 88°	17 137 - 228 05:18 - 18:28 13:10 +1 m. 88°	18 138 - 227 05:18 - 18:28 13:11 +1 m. 89°	19 139 - 226 05:17 - 18:29 13:12 +1 m. 89°	20 140 - 225 05:17 - 18:29 13:12 +0 m. 89°	21 141 - 224 05:17 - 18:30 13:13 +1 m. 89°
21	22 142 - 223 05:16 - 18:30 13:14 +1 m. 89°	23 143 - 222 05:16 - 18:31 13:15 +1 m. 89°	24 144 - 221 05:16 - 18:31 13:15 +0 m. 89°	25 145 - 220 05:16 - 18:31 13:16 +1 m. 89°	26 146 - 219 05:15 - 18:32 13:17 +1 m. 89°	27 147 - 218 05:15 - 18:32 13:17 +0 m. 89°	28 148 - 217 05:15 - 18:33 13:18 +1 m. 89°
22	29 149 - 216 05:15 - 18:33 13:18 +0 m. 89°	30 150 - 215 05:15 - 18:34 13:19 +1 m. 89°	31 151 - 214 05:15 - 18:34 13:19 +0 m. 89°				



June 2017

Hanoi
105.88°E, 21.016°N

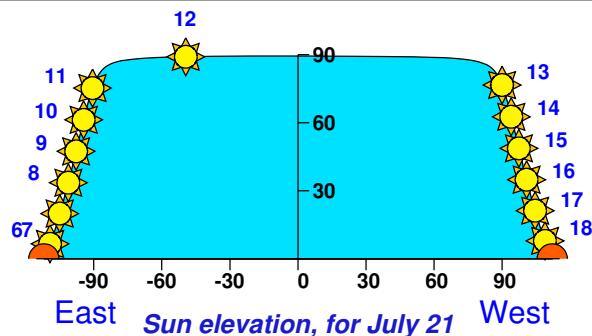


Duration of the day, for June 21

Sunrise and Sunset at Hanoi (TL ± 1 mn)

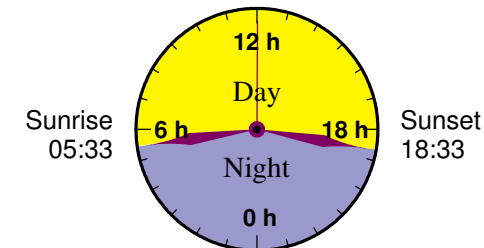
Duration of the day - Variation - Sun maximal elevation (°)

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
22				1 152 - 213 05:15 - 18:34 13:20 +1 m. 89°	2 153 - 212 05:15 - 18:35 13:20 +0 m. 89°	3 154 - 211 05:15 - 18:35 13:21 +1 m. 89°	4 155 - 210 05:14 - 18:36 13:21 +0 m. 89°
23	5 156 - 209 05:14 - 18:36 13:22 +1 m. 88°	6 157 - 208 05:14 - 18:36 13:22 +0 m. 88°	7 158 - 207 05:14 - 18:37 13:22 +0 m. 88°	8 159 - 206 05:14 - 18:37 13:23 +1 m. 88°	9 160 - 205 05:15 - 18:37 13:23 +0 m. 88°	10 161 - 204 05:15 - 18:38 13:23 +0 m. 88°	11 162 - 203 05:15 - 18:38 13:23 +0 m. 88°
24	12 163 - 202 05:15 - 18:38 13:24 +1 m. 88°	13 164 - 201 05:15 - 18:39 13:24 +0 m. 88°	14 165 - 200 05:15 - 18:39 13:24 +0 m. 88°	15 166 - 199 05:15 - 18:39 13:24 +0 m. 88°	16 167 - 198 05:15 - 18:40 13:24 +0 m. 88°	17 168 - 197 05:15 - 18:40 13:24 +0 m. 88°	18 169 - 196 05:16 - 18:40 13:25 +1 m. 88°
25	19 170 - 195 05:16 - 18:40 13:25 +0 m. 88°	20 171 - 194 05:16 - 18:41 13:25 +0 m. 88°	21 172 - 193 05:16 - 18:41 13:25 +0 m. 88°	22 173 - 192 05:17 - 18:41 13:24 -1 m. 88°	23 174 - 191 05:17 - 18:41 13:25 +1 m. 88°	24 175 - 190 05:17 - 18:41 13:24 -1 m. 88°	25 176 - 189 05:17 - 18:42 13:24 +0 m. 88°
26	26 177 - 188 05:18 - 18:42 13:24 +0 m. 88°	27 178 - 187 05:18 - 18:42 13:24 +0 m. 88°	28 179 - 186 05:18 - 18:42 13:24 +0 m. 88°	29 180 - 185 05:18 - 18:42 13:24 +0 m. 88°	30 181 - 184 05:19 - 18:42 13:23 -1 m. 88°		



July 2017

Hanoi
105.88°E, 21.016°N



Duration of the day, for July 21

Sunrise and Sunset at Hanoi (TL ± 1 mn)

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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

26

27

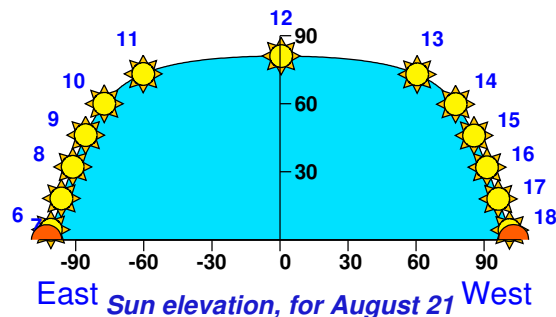
28

29

30

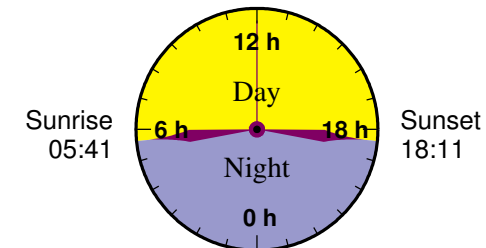
31

3 184 - 181 05:20 - 18:42 13:23 +0 m. 88°	4 185 - 180 05:20 - 18:42 13:22 -1 m. 88°	5 186 - 179 05:20 - 18:42 13:22 +0 m. 88°	6 187 - 178 05:21 - 18:42 13:22 +0 m. 88°	7 188 - 177 05:21 - 18:42 13:21 -1 m. 88°	8 189 - 176 05:22 - 18:42 13:21 +0 m. 89°	9 190 - 175 05:22 - 18:42 13:20 -1 m. 89°
10 191 - 174 05:22 - 18:42 13:20 +0 m. 89°	11 192 - 173 05:23 - 18:42 13:19 -1 m. 89°	12 193 - 172 05:23 - 18:42 13:19 +0 m. 89°	13 194 - 171 05:23 - 18:42 13:18 -1 m. 89°	14 195 - 170 05:24 - 18:41 13:18 +0 m. 89°	15 196 - 169 05:24 - 18:41 13:17 -1 m. 89°	16 197 - 168 05:25 - 18:41 13:17 +0 m. 89°
17 198 - 167 05:25 - 18:41 13:16 -1 m. 89°	18 199 - 166 05:25 - 18:41 13:15 -1 m. 89°	19 200 - 165 05:26 - 18:40 13:15 +0 m. 89°	20 201 - 164 05:26 - 18:40 13:14 -1 m. 89°	21 202 - 163 05:27 - 18:40 13:13 -1 m. 89°	22 203 - 162 05:27 - 18:39 13:13 +0 m. 89°	23 204 - 161 05:27 - 18:39 13:12 -1 m. 89°
24 205 - 160 05:28 - 18:39 13:11 -1 m. 89°	25 206 - 159 05:28 - 18:38 13:10 -1 m. 89°	26 207 - 158 05:29 - 18:38 13:09 -1 m. 88°	27 208 - 157 05:29 - 18:38 13:09 +0 m. 88°	28 209 - 156 05:29 - 18:37 13:08 -1 m. 88°	29 210 - 155 05:30 - 18:37 13:07 -1 m. 88°	30 211 - 154 05:30 - 18:36 13:06 -1 m. 87°
31 212 - 153 05:30 - 18:36 13:05 -1 m. 87°						



August 2017

Hanoi
105.88°E, 21.016°N



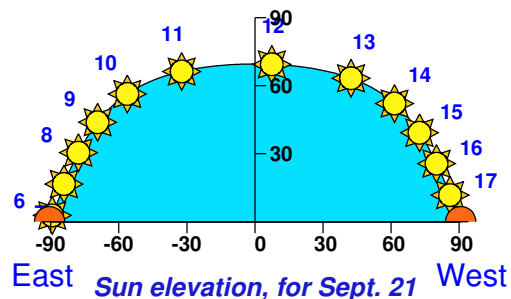
Duration of the day, for August 21

Sunrise and Sunset at Hanoi (TL ± 1 mn)

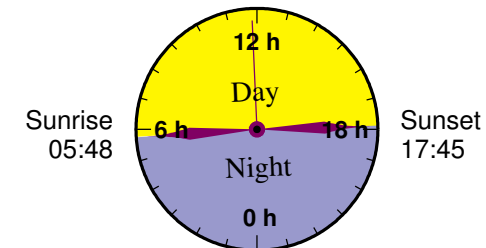
Duration of the day - Variation - Sun maximal elevation (°)

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
31		1 213 - 152 05:31 - 18:35 13:04 -1 m. 87°	2 214 - 151 05:31 - 18:35 13:04 +0 m. 87°	3 215 - 150 05:32 - 18:34 13:03 -1 m. 86°	4 216 - 149 05:32 - 18:34 13:02 -1 m. 86°	5 217 - 148 05:32 - 18:33 13:01 -1 m. 86°	6 218 - 147 05:33 - 18:33 13:00 -1 m. 86°
32	7 219 - 146 05:33 - 18:32 12:59 -1 m. 85°	8 220 - 145 05:33 - 18:31 12:58 -1 m. 85°	9 221 - 144 05:34 - 18:31 12:57 -1 m. 85°	10 222 - 143 05:34 - 18:30 12:56 -1 m. 84°	11 223 - 142 05:34 - 18:29 12:55 -1 m. 84°	12 224 - 141 05:35 - 18:29 12:54 -1 m. 84°	13 225 - 140 05:35 - 18:28 12:53 -1 m. 84°
33	14 226 - 139 05:35 - 18:27 12:52 -1 m. 83°	15 227 - 138 05:36 - 18:27 12:51 -1 m. 83°	16 228 - 137 05:36 - 18:26 12:50 -1 m. 83°	17 229 - 136 05:36 - 18:25 12:49 -1 m. 82°	18 230 - 135 05:37 - 18:24 12:48 -1 m. 82°	19 231 - 134 05:37 - 18:24 12:47 -1 m. 82°	20 232 - 133 05:37 - 18:23 12:46 -1 m. 81°
34	21 233 - 132 05:38 - 18:22 12:45 -1 m. 81°	22 234 - 131 05:38 - 18:21 12:43 -2 m. 81°	23 235 - 130 05:38 - 18:20 12:42 -1 m. 80°	24 236 - 129 05:38 - 18:20 12:41 -1 m. 80°	25 237 - 128 05:39 - 18:19 12:40 -1 m. 80°	26 238 - 127 05:39 - 18:18 12:39 -1 m. 79°	27 239 - 126 05:39 - 18:17 12:38 -1 m. 79°
35	28 240 - 125 05:40 - 18:16 12:37 -1 m. 79°	29 241 - 124 05:40 - 18:15 12:36 -1 m. 78°	30 242 - 123 05:40 - 18:15 12:35 -1 m. 78°	31 243 - 122 05:40 - 18:14 12:33 -2 m. 78°			

September 2017



Hanoi
105.88°E, 21.016°N



Duration of the day, for September 21

Sunrise and Sunset at Hanoi (TL ± 1 mn)

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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

35

36

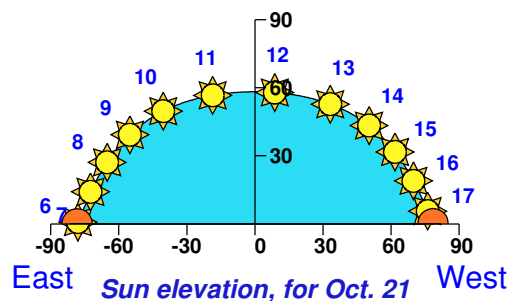
37

38

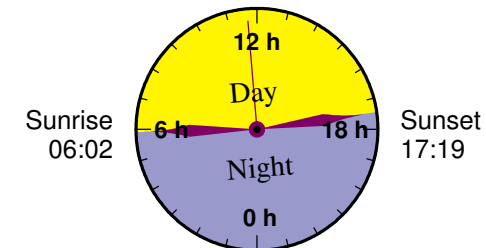
39

4 247 - 118 05:41 - 18:10 12:29 -1 m. 76°	5 248 - 117 05:42 - 18:09 12:28 -1 m. 76°	6 249 - 116 05:42 - 18:08 12:27 -1 m. 75°	7 250 - 115 05:42 - 18:07 12:25 -2 m. 75°	8 251 - 114 05:42 - 18:06 12:24 -1 m. 75°	9 252 - 113 05:43 - 18:05 12:23 -1 m. 74°	10 253 - 112 05:43 - 18:04 12:22 -1 m. 74°
11 254 - 111 05:43 - 18:04 12:21 -1 m. 73°	12 255 - 110 05:43 - 18:03 12:19 -2 m. 73°	13 256 - 109 05:43 - 18:02 12:18 -1 m. 73°	14 257 - 108 05:44 - 18:01 12:17 -1 m. 72°	15 258 - 107 05:44 - 18:00 12:16 -1 m. 72°	16 259 - 106 05:44 - 17:59 12:15 -1 m. 72°	17 260 - 105 05:44 - 17:58 12:14 -1 m. 71°
18 261 - 104 05:45 - 17:57 12:12 -2 m. 71°	19 262 - 103 05:45 - 17:56 12:11 -1 m. 70°	20 263 - 102 05:45 - 17:55 12:10 -1 m. 70°	21 264 - 101 05:45 - 17:54 12:09 -1 m. 70°	22 265 - 100 05:46 - 17:53 12:08 -1 m. 69°	23 266 - 99 05:46 - 17:52 12:06 -2 m. 69°	24 267 - 98 05:46 - 17:51 12:05 -1 m. 68°
25 268 - 97 05:46 - 17:50 12:04 -1 m. 68°	26 269 - 96 05:47 - 17:49 12:03 -1 m. 68°	27 270 - 95 05:47 - 17:48 12:02 -1 m. 67°	28 271 - 94 05:47 - 17:47 12:00 -2 m. 67°	29 272 - 93 05:47 - 17:47 11:59 -1 m. 67°	30 273 - 92 05:48 - 17:46 11:58 -1 m. 66°	

October 2017



Hanoi
105.88°E, 21.016°N



Duration of the day, for October 21

Sunrise and Sunset at Hanoi (TL ± 1 mn)

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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

39

40

41

42

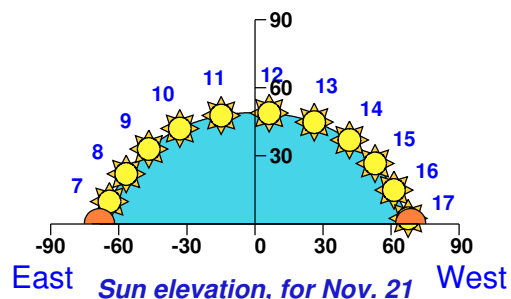
43

44

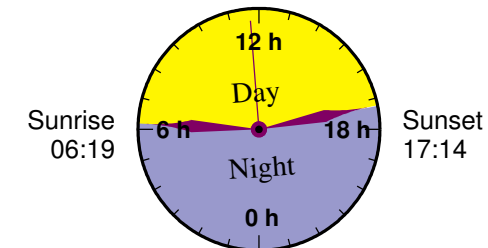
39	40	41	42	43	44	2 275 - 90 05:48 - 17:44 11:56 -1 m. 65°	3 276 - 89 05:49 - 17:43 11:54 -2 m. 65°	4 277 - 88 05:49 - 17:42 11:53 -1 m. 65°	5 278 - 87 05:49 - 17:41 11:52 -1 m. 64°	6 279 - 86 05:49 - 17:40 11:51 -1 m. 64°	7 280 - 85 05:50 - 17:39 11:50 -1 m. 63°	8 281 - 84 05:50 - 17:38 11:48 -2 m. 63°
						9 282 - 83 05:50 - 17:38 11:47 -1 m. 63°	10 283 - 82 05:51 - 17:37 11:46 -1 m. 62°	11 284 - 81 05:51 - 17:36 11:45 -1 m. 62°	12 285 - 80 05:51 - 17:35 11:44 -1 m. 62°	13 286 - 79 05:52 - 17:34 11:43 -1 m. 61°	14 287 - 78 05:52 - 17:33 11:41 -2 m. 61°	15 288 - 77 05:52 - 17:33 11:40 -1 m. 60°
						16 289 - 76 05:53 - 17:32 11:39 -1 m. 60°	17 290 - 75 05:53 - 17:31 11:38 -1 m. 60°	18 291 - 74 05:54 - 17:30 11:37 -1 m. 59°	19 292 - 73 05:54 - 17:29 11:36 -1 m. 59°	20 293 - 72 05:54 - 17:29 11:35 -1 m. 59°	21 294 - 71 05:55 - 17:28 11:33 -2 m. 58°	22 295 - 70 05:55 - 17:27 11:32 -1 m. 58°
						23 296 - 69 05:56 - 17:27 11:31 -1 m. 58°	24 297 - 68 05:56 - 17:26 11:30 -1 m. 57°	25 298 - 67 05:56 - 17:25 11:29 -1 m. 57°	26 299 - 66 05:57 - 17:25 11:28 -1 m. 56°	27 300 - 65 05:57 - 17:24 11:27 -1 m. 56°	28 301 - 64 05:58 - 17:23 11:26 -1 m. 56°	29 302 - 63 05:58 - 17:23 11:25 -1 m. 55°
						30 303 - 62 05:59 - 17:22 11:23 -2 m. 55°	31 304 - 61 05:59 - 17:22 11:22 -1 m. 55°					

1	274 - 91 05:48 - 17:45
11:57	-1 m. 66°

November 2017



Hanoi
105.88°E, 21.016°N



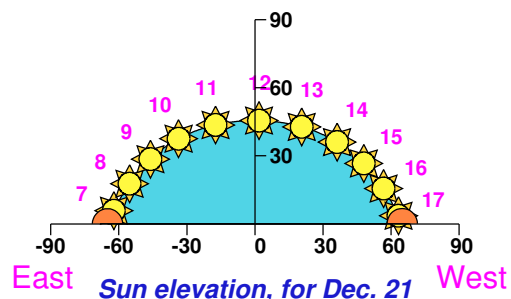
Duration of the day, for November 21

Sunrise and Sunset at Hanoi (TL ± 1 mn)

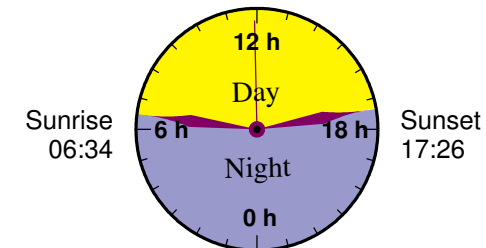
Duration of the day - Variation - Sun maximal elevation (°)

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
44			1 305 - 60 06:00 - 17:21 11:21 -1 m. 55°	2 306 - 59 06:00 - 17:21 11:20 -1 m. 54°	3 307 - 58 06:01 - 17:20 11:19 -1 m. 54°	4 308 - 57 06:01 - 17:19 11:18 -1 m. 54°	5 309 - 56 06:02 - 17:19 11:17 -1 m. 53°
45	6 310 - 55 06:02 - 17:19 11:16 -1 m. 53°	7 311 - 54 06:03 - 17:18 11:15 -1 m. 53°	8 312 - 53 06:03 - 17:18 11:14 -1 m. 52°	9 313 - 52 06:04 - 17:17 11:13 -1 m. 52°	10 314 - 51 06:05 - 17:17 11:12 -1 m. 52°	11 315 - 50 06:05 - 17:17 11:12 +0 m. 52°	12 316 - 49 06:06 - 17:16 11:11 -1 m. 51°
46	13 317 - 48 06:06 - 17:16 11:10 -1 m. 51°	14 318 - 47 06:07 - 17:16 11:09 -1 m. 51°	15 319 - 46 06:07 - 17:15 11:08 -1 m. 50°	16 320 - 45 06:08 - 17:15 11:07 -1 m. 50°	17 321 - 44 06:09 - 17:15 11:06 -1 m. 50°	18 322 - 43 06:09 - 17:15 11:06 +0 m. 50°	19 323 - 42 06:10 - 17:15 11:05 -1 m. 50°
47	20 324 - 41 06:11 - 17:14 11:04 -1 m. 49°	21 325 - 40 06:11 - 17:14 11:03 -1 m. 49°	22 326 - 39 06:12 - 17:14 11:02 -1 m. 49°	23 327 - 38 06:12 - 17:14 11:02 +0 m. 49°	24 328 - 37 06:13 - 17:14 11:01 -1 m. 48°	25 329 - 36 06:14 - 17:14 11:00 -1 m. 48°	26 330 - 35 06:14 - 17:14 11:00 +0 m. 48°
48	27 331 - 34 06:15 - 17:14 10:59 -1 m. 48°	28 332 - 33 06:16 - 17:14 10:58 -1 m. 48°	29 333 - 32 06:16 - 17:14 10:58 +0 m. 47°	30 334 - 31 06:17 - 17:14 10:57 -1 m. 47°			

December 2017



Hanoi
105.88°E, 21.016°N



Duration of the day, for December 21

Sunrise and Sunset at Hanoi (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 06:20 - 17:15 10:55 -1 m. 47°		5 339 - 26 06:20 - 17:15 10:55 +0 m. 47°		6 340 - 25 06:21 - 17:15 10:54 -1 m. 46°		7 341 - 24 06:21 - 17:15 10:54 +0 m. 46°		8 342 - 23 06:22 - 17:15 10:53 -1 m. 46°		9 343 - 22 06:23 - 17:16 10:53 +0 m. 46°		10 344 - 21 06:23 - 17:16 10:53 +0 m. 46°	
11 345 - 20 06:24 - 17:16 10:52 -1 m. 46°		12 346 - 19 06:25 - 17:17 10:52 +0 m. 46°		13 347 - 18 06:25 - 17:17 10:52 +0 m. 46°		14 348 - 17 06:26 - 17:17 10:52 +0 m. 46°		15 349 - 16 06:26 - 17:18 10:52 +0 m. 46°		16 350 - 15 06:27 - 17:18 10:51 -1 m. 46°		17 351 - 14 06:27 - 17:19 10:51 +0 m. 46°	
18 352 - 13 06:28 - 17:19 10:51 +0 m. 46°		19 353 - 12 06:28 - 17:19 10:51 +0 m. 46°		20 354 - 11 06:29 - 17:20 10:51 +0 m. 46°		21 355 - 10 06:29 - 17:20 10:51 +0 m. 46°		22 356 - 9 06:30 - 17:21 10:51 +0 m. 46°		23 357 - 8 06:30 - 17:21 10:51 +0 m. 46°		24 358 - 7 06:31 - 17:22 10:51 +0 m. 46°	
25 359 - 6 06:31 - 17:22 10:51 +0 m. 46°		26 360 - 5 06:32 - 17:23 10:51 +0 m. 46°		27 361 - 4 06:32 - 17:24 10:52 +1 m. 46°		28 362 - 3 06:33 - 17:24 10:52 +0 m. 46°		29 363 - 2 06:33 - 17:25 10:52 +0 m. 46°		30 364 - 1 06:33 - 17:25 10:52 +0 m. 46°		31 365 - 0 06:34 - 17:26 10:52 +0 m. 46°	