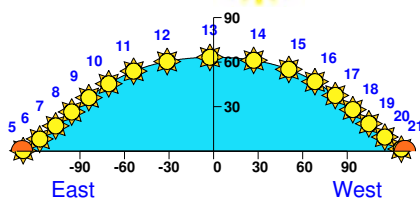


Sun Calendar 2018

Produced by *ScientiDev*
www.scientidev.fr

Prague
14.25°E, 50.1°N

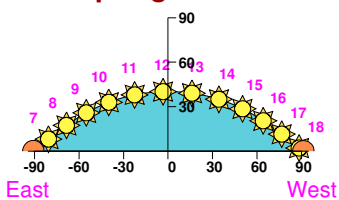
Summer



June 21



Spring



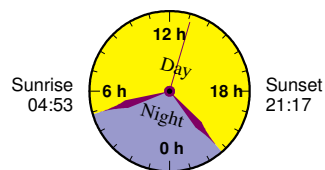
March 21

Day duration 12:13



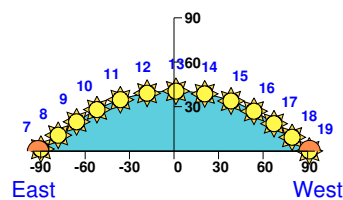
Spring Equinox

Day duration 16:23



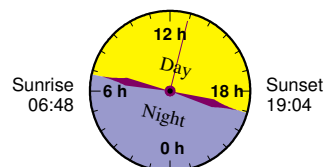
Summer Solstice

Autumn



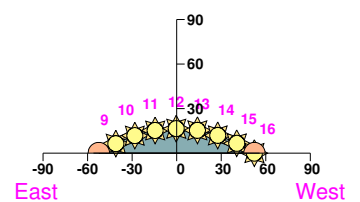
Sept. 21

Day duration 12:16



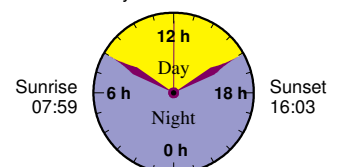
Autumn Equinox

Winter



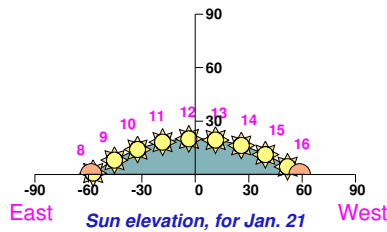
Dec. 21

Day duration 8:03



Winter Solstice

January 2018



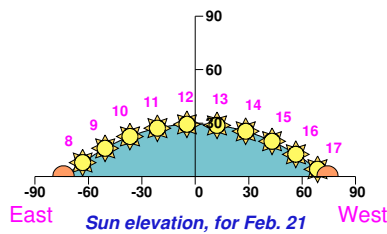
Prague
14.25°E, 50.1°N



Duration of the day, for January 21

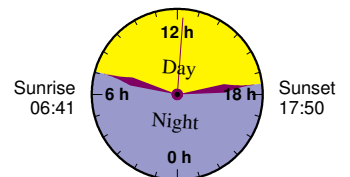
Sunrise and Sunset at Prague (TL $\pm$ 1 mn) and sun maximal elevation (°)

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
1	1 1 - 364 08:02 - 16:11 17°	2 2 - 363 08:02 - 16:12 17°	3 3 - 362 08:02 - 16:14 17°	4 4 - 361 08:02 - 16:15 17°	5 5 - 360 08:01 - 16:16 17°	6 6 - 359 08:01 - 16:17 17°	7 7 - 358 08:01 - 16:18 18°
2	8 8 - 357 08:00 - 16:20 18°	9 9 - 356 08:00 - 16:21 18°	10 10 - 355 08:00 - 16:22 18°	11 11 - 354 07:59 - 16:24 18°	12 12 - 353 07:58 - 16:25 18°	13 13 - 352 07:58 - 16:26 19°	14 14 - 351 07:57 - 16:28 19°
3	15 15 - 350 07:56 - 16:29 19°	16 16 - 349 07:56 - 16:31 19°	17 17 - 348 07:55 - 16:32 19°	18 18 - 347 07:54 - 16:34 19°	19 19 - 346 07:53 - 16:35 20°	20 20 - 345 07:52 - 16:37 20°	21 21 - 344 07:51 - 16:38 20°
4	22 22 - 343 07:50 - 16:40 20°	23 23 - 342 07:49 - 16:42 21°	24 24 - 341 07:48 - 16:43 21°	25 25 - 340 07:46 - 16:45 21°	26 26 - 339 07:45 - 16:47 21°	27 27 - 338 07:44 - 16:48 22°	28 28 - 337 07:43 - 16:50 22°
5	29 29 - 336 07:41 - 16:52 22°	30 30 - 335 07:40 - 16:53 22°	31 31 - 334 07:39 - 16:55 23°				



February 2018

Prague
14.25°E, 50.1°N



Duration of the day, for February 21

Sunrise and Sunset at Prague (TL $\pm$ 1 mn) and sun maximal elevation (°)

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

5

6

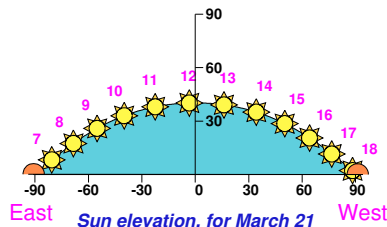
7

8

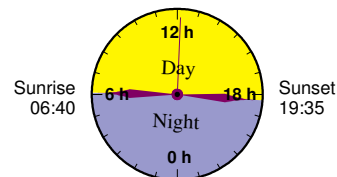
9

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

March 2018



Prague
14.25°E, 50.1°N



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

Time change March 25

Duration of the day, for March 21

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

9

1 60 - 305 06:47 - 17:45 32°	2 61 - 304 06:45 - 17:47 33°	3 62 - 303 06:43 - 17:48 33°	4 63 - 302 06:41 - 17:50 34°

10

5 64 - 301 06:39 - 17:52 34°	6 65 - 300 06:37 - 17:53 34°	7 66 - 299 06:34 - 17:55 35°	8 67 - 298 06:32 - 17:56 35°	9 68 - 297 06:30 - 17:58 36°	10 69 - 296 06:28 - 18:00 36°	11 70 - 295 06:26 - 18:01 36°

11

12 71 - 294 06:24 - 18:03 37°	13 72 - 293 06:22 - 18:05 37°	14 73 - 292 06:19 - 18:06 37°	15 74 - 291 06:17 - 18:08 38°	16 75 - 290 06:15 - 18:09 38°	17 76 - 289 06:13 - 18:11 39°	18 77 - 288 06:11 - 18:13 39°

12

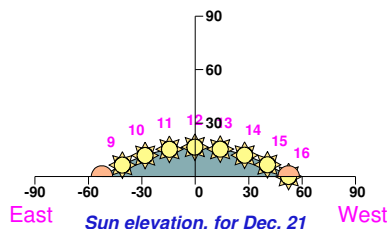
19 78 - 287 06:09 - 18:14 39°	20 79 - 286 06:06 - 18:16 40°	21 80 - 285 06:04 - 18:17 40°	22 81 - 284 06:02 - 18:19 41°	23 82 - 283 06:00 - 18:21 41°	24 83 - 282 05:58 - 18:22 41°	25 84 - 281 06:55 - 19:24 42°

13

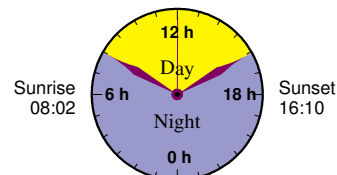
26 85 - 280 06:53 - 19:25 42°	27 86 - 279 06:51 - 19:27 43°	28 87 - 278 06:49 - 19:29 43°	29 88 - 277 06:47 - 19:30 43°	30 89 - 276 06:45 - 19:32 44°	31 90 - 275 06:42 - 19:33 44°	

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

December 2018



Prague
14.25°E, 50.1°N



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

Duration of the day, for December 21

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

48

1 335 - 30 07:40 - 16:04 18°	2 336 - 29 07:41 - 16:03 18°

49

3 337 - 28 07:43 - 16:03 18°	4 338 - 27 07:44 - 16:02 18°	5 339 - 26 07:45 - 16:02 18°	6 340 - 25 07:46 - 16:02 17°	7 341 - 24 07:48 - 16:01 17°	8 342 - 23 07:49 - 16:01 17°	9 343 - 22 07:50 - 16:01 17°

50

10 344 - 21 07:51 - 16:01 17°	11 345 - 20 07:52 - 16:01 17°	12 346 - 19 07:53 - 16:01 17°	13 347 - 18 07:54 - 16:01 17°	14 348 - 17 07:55 - 16:01 17°	15 349 - 16 07:55 - 16:01 17°	16 350 - 15 07:56 - 16:01 17°

51

17 351 - 14 07:57 - 16:01 17°	18 352 - 13 07:58 - 16:02 17°	19 353 - 12 07:58 - 16:02 17°	20 354 - 11 07:59 - 16:02 17°	21 355 - 10 07:59 - 16:03 17°	22 356 - 9 08:00 - 16:03 17°	23 357 - 8 08:00 - 16:04 17°

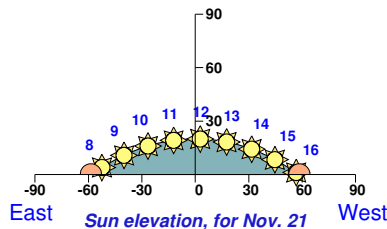
52

24 358 - 7 08:01 - 16:05 17°	25 359 - 6 08:01 - 16:05 17°	26 360 - 5 08:01 - 16:06 17°	27 361 - 4 08:02 - 16:07 17°	28 362 - 3 08:02 - 16:08 17°	29 363 - 2 08:02 - 16:08 17°	30 364 - 1 08:02 - 16:09 17°

53

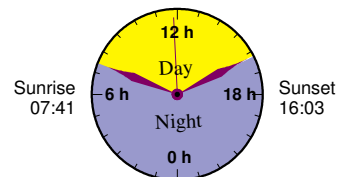
31 365 - 0 08:02 - 16:10 17°

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November 2018

Prague
14.25°E, 50.1°N



Duration of the day, for November 21

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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

44

45

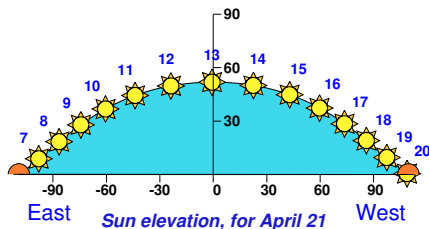
46

47

48

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

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



April 2018

Prague
14.25°E, 50.1°N



Duration of the day, for April 21

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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

13

14

15

16

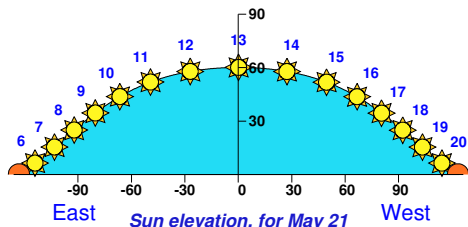
17

18

						1 91 - 274 06:40 - 19:35 45°
2 92 - 273 06:38 - 19:36 45°	3 93 - 272 06:36 - 19:38 45°	4 94 - 271 06:34 - 19:40 46°	5 95 - 270 06:32 - 19:41 46°	6 96 - 269 06:29 - 19:43 46°	7 97 - 268 06:27 - 19:44 47°	8 98 - 267 06:25 - 19:46 47°
9 99 - 266 06:23 - 19:48 48°	10 100 - 265 06:21 - 19:49 48°	11 101 - 264 06:19 - 19:51 48°	12 102 - 263 06:17 - 19:52 49°	13 103 - 262 06:15 - 19:54 49°	14 104 - 261 06:13 - 19:55 49°	15 105 - 260 06:11 - 19:57 50°
16 106 - 259 06:08 - 19:59 50°	17 107 - 258 06:06 - 20:00 50°	18 108 - 257 06:04 - 20:02 51°	19 109 - 256 06:02 - 20:03 51°	20 110 - 255 06:00 - 20:05 51°	21 111 - 254 05:58 - 20:06 52°	22 112 - 253 05:56 - 20:08 52°
23 113 - 252 05:55 - 20:10 53°	24 114 - 251 05:53 - 20:11 53°	25 115 - 250 05:51 - 20:13 53°	26 116 - 249 05:49 - 20:14 53°	27 117 - 248 05:47 - 20:16 54°	28 118 - 247 05:45 - 20:17 54°	29 119 - 246 05:43 - 20:19 54°
30 120 - 245 05:41 - 20:20 55°						

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May 2018



Prague
14.25°E, 50.1°N



Duration of the day, for May 21

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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

18

19

20

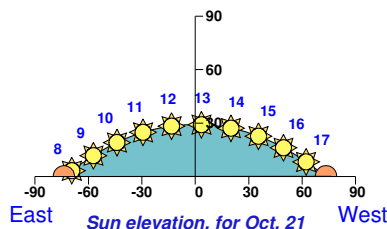
21

22

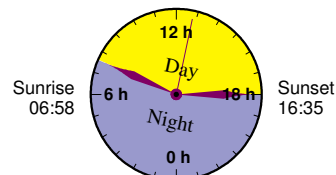
	1 121 - 244 05:40 - 20:22 55°	2 122 - 243 05:38 - 20:23 55°	3 123 - 242 05:36 - 20:25 56°	4 124 - 241 05:34 - 20:27 56°	5 125 - 240 05:33 - 20:28 56°	6 126 - 239 05:31 - 20:30 57°
7 127 - 238 05:29 - 20:31 57°	8 128 - 237 05:28 - 20:33 57°	9 129 - 236 05:26 - 20:34 57°	10 130 - 235 05:25 - 20:36 58°	11 131 - 234 05:23 - 20:37 58°	12 132 - 233 05:21 - 20:38 58°	13 133 - 232 05:20 - 20:40 58°
14 134 - 231 05:19 - 20:41 59°	15 135 - 230 05:17 - 20:43 59°	16 136 - 229 05:16 - 20:44 59°	17 137 - 228 05:14 - 20:46 59°	18 138 - 227 05:13 - 20:47 60°	19 139 - 226 05:12 - 20:48 60°	20 140 - 225 05:11 - 20:50 60°
21 141 - 224 05:09 - 20:51 60°	22 142 - 223 05:08 - 20:52 60°	23 143 - 222 05:07 - 20:54 61°	24 144 - 221 05:06 - 20:55 61°	25 145 - 220 05:05 - 20:56 61°	26 146 - 219 05:04 - 20:57 61°	27 147 - 218 05:03 - 20:58 61°
28 148 - 217 05:02 - 21:00 61°	29 149 - 216 05:01 - 21:01 62°	30 150 - 215 05:00 - 21:02 62°	31 151 - 214 04:59 - 21:03 62°			

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October 2018



Prague
14.25°E, 50.1°N



Duration of the day, for October 21

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

Time change October 28

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

40

41

42

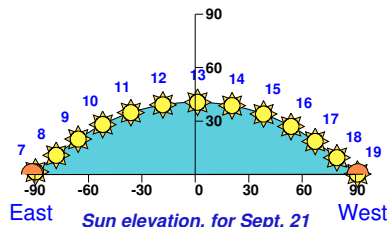
43

44

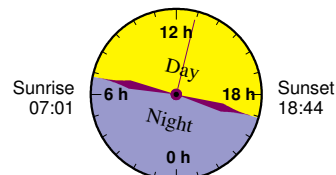
1 274 - 91 07:03 - 18:42 37°	2 275 - 90 07:04 - 18:40 36°	3 276 - 89 07:06 - 18:38 36°	4 277 - 88 07:08 - 18:35 36°	5 278 - 87 07:09 - 18:33 35°	6 279 - 86 07:11 - 18:31 35°	7 280 - 85 07:12 - 18:29 34°
8 281 - 84 07:14 - 18:27 34°	9 282 - 83 07:15 - 18:25 34°	10 283 - 82 07:17 - 18:23 33°	11 284 - 81 07:18 - 18:21 33°	12 285 - 80 07:20 - 18:18 32°	13 286 - 79 07:22 - 18:16 32°	14 287 - 78 07:23 - 18:14 32°
15 288 - 77 07:25 - 18:12 31°	16 289 - 76 07:26 - 18:10 31°	17 290 - 75 07:28 - 18:08 31°	18 291 - 74 07:30 - 18:06 30°	19 292 - 73 07:31 - 18:04 30°	20 293 - 72 07:33 - 18:02 30°	21 294 - 71 07:35 - 18:00 29°
22 295 - 70 07:36 - 17:58 29°	23 296 - 69 07:38 - 17:56 28°	24 297 - 68 07:39 - 17:54 28°	25 298 - 67 07:41 - 17:53 28°	26 299 - 66 07:43 - 17:51 27°	27 300 - 65 07:44 - 17:49 27°	28 301 - 64 06:46 - 16:47 27°
29 302 - 63 06:48 - 16:45 26°	30 303 - 62 06:49 - 16:44 26°	31 304 - 61 06:51 - 16:42 26°				

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September 2018



Prague
14.25°E, 50.1°N



Duration of the day, for September 21

Sunrise and Sunset at Prague (TL $\pm$ 1 mn) and sun maximal elevation (°)

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

35

36

37

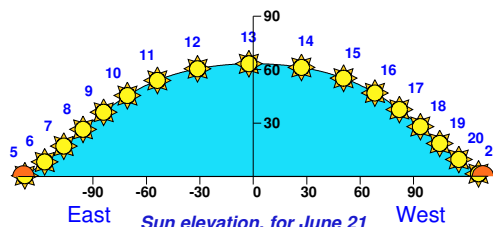
38

39

3 246 - 119 06:21 - 19:43 47°	4 247 - 118 06:22 - 19:41 47°	5 248 - 117 06:24 - 19:39 47°	6 249 - 116 06:25 - 19:37 46°	7 250 - 115 06:27 - 19:35 46°	8 251 - 114 06:28 - 19:33 46°	9 252 - 113 06:30 - 19:30 45°
10 253 - 112 06:31 - 19:28 45°	11 254 - 111 06:33 - 19:26 44°	12 255 - 110 06:34 - 19:24 44°	13 256 - 109 06:36 - 19:22 44°	14 257 - 108 06:37 - 19:19 43°	15 258 - 107 06:39 - 19:17 43°	16 259 - 106 06:40 - 19:15 42°
17 260 - 105 06:42 - 19:13 42°	18 261 - 104 06:43 - 19:11 42°	19 262 - 103 06:45 - 19:08 41°	20 263 - 102 06:46 - 19:06 41°	21 264 - 101 06:48 - 19:04 41°	22 265 - 100 06:49 - 19:02 40°	23 266 - 99 06:51 - 18:59 40°
24 267 - 98 06:52 - 18:57 39°	25 268 - 97 06:54 - 18:55 39°	26 269 - 96 06:55 - 18:53 39°	27 270 - 95 06:57 - 18:51 38°	28 271 - 94 06:58 - 18:48 38°	29 272 - 93 07:00 - 18:46 37°	30 273 - 92 07:01 - 18:44 37°

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June 2018



Prague
14.25°E, 50.1°N



Duration of the day, for June 21

Sunrise and Sunset at Prague (TL $\pm$ 1 mn) and sun maximal elevation (°)

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

22

23

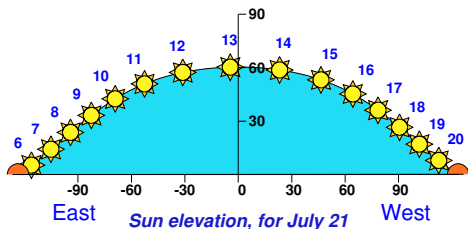
24

25

26

4 155 - 210 04:57 - 21:07 62°	5 156 - 209 04:56 - 21:08 62°	6 157 - 208 04:56 - 21:09 63°	7 158 - 207 04:55 - 21:09 63°	8 159 - 206 04:55 - 21:10 63°	9 160 - 205 04:54 - 21:11 63°	10 161 - 204 04:54 - 21:12 63°
11 162 - 203 04:54 - 21:12 63°	12 163 - 202 04:53 - 21:13 63°	13 164 - 201 04:53 - 21:14 63°	14 165 - 200 04:53 - 21:14 63°	15 166 - 199 04:53 - 21:15 63°	16 167 - 198 04:53 - 21:15 63°	17 168 - 197 04:53 - 21:15 63°
18 169 - 196 04:53 - 21:16 63°	19 170 - 195 04:53 - 21:16 63°	20 171 - 194 04:53 - 21:16 63°	21 172 - 193 04:53 - 21:17 63°	22 173 - 192 04:54 - 21:17 63°	23 174 - 191 04:54 - 21:17 63°	24 175 - 190 04:54 - 21:17 63°
25 176 - 189 04:54 - 21:17 63°	26 177 - 188 04:55 - 21:17 63°	27 178 - 187 04:55 - 21:17 63°	28 179 - 186 04:56 - 21:17 63°	29 180 - 185 04:56 - 21:17 63°	30 181 - 184 04:57 - 21:16 63°	

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July 2018

Prague
14.25°E, 50.1°N



Duration of the day, for July 21

Sunrise and Sunset at Prague (TL $\pm$ 1 mn) and sun maximal elevation (°)

Monday **Tuesday** **Wednesday** **Thursday** **Friday** **Saturday** **Sunday**

26

27

28

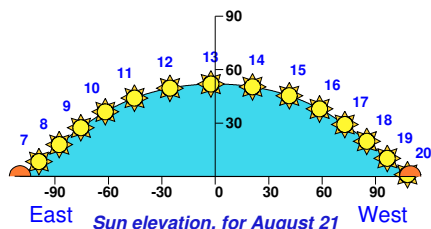
29

30

31

						1 182 - 183 04:58 - 21:16 63°
2 183 - 182 04:58 - 21:16 63° 	3 184 - 181 04:59 - 21:16 63° 	4 185 - 180 05:00 - 21:15 63° 	5 186 - 179 05:00 - 21:15 63° 	6 187 - 178 05:01 - 21:14 63° 	7 188 - 177 05:02 - 21:14 62° 	8 189 - 176 05:03 - 21:13 62°
9 190 - 175 05:04 - 21:12 62° 	10 191 - 174 05:05 - 21:12 62° 	11 192 - 173 05:06 - 21:11 62° 	12 193 - 172 05:07 - 21:10 62° 	13 194 - 171 05:08 - 21:09 62° 	14 195 - 170 05:09 - 21:08 62° 	15 196 - 169 05:10 - 21:08 61°
16 197 - 168 05:11 - 21:07 61° 	17 198 - 167 05:12 - 21:06 61° 	18 199 - 166 05:14 - 21:05 61° 	19 200 - 165 05:15 - 21:04 61° 	20 201 - 164 05:16 - 21:02 61° 	21 202 - 163 05:17 - 21:01 60° 	22 203 - 162 05:18 - 21:00 60°
23 204 - 161 05:20 - 20:59 60° 	24 205 - 160 05:21 - 20:58 60° 	25 206 - 159 05:22 - 20:56 60° 	26 207 - 158 05:24 - 20:55 59° 	27 208 - 157 05:25 - 20:54 59° 	28 209 - 156 05:26 - 20:52 59° 	29 210 - 155 05:28 - 20:51 59°
30 211 - 154 05:29 - 20:49 58° 	31 212 - 153 05:30 - 20:48 58° 					

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August 2018

Prague
14.25°E, 50.1°N



Duration of the day, for August 21

Sunrise and Sunset at Prague (TL $\pm$ 1 mn) and sun maximal elevation (°)

Monday **Tuesday** **Wednesday** **Thursday** **Friday** **Saturday** **Sunday**

31

32

33

34

35

		1 213 - 152 05:32 - 20:46 58° 	2 214 - 151 05:33 - 20:45 58° 	3 215 - 150 05:35 - 20:43 57° 	4 216 - 149 05:36 - 20:41 57° 	5 217 - 148 05:38 - 20:40 57°
6 218 - 147 05:39 - 20:38 57° 	7 219 - 146 05:40 - 20:36 56° 	8 220 - 145 05:42 - 20:35 56° 	9 221 - 144 05:43 - 20:33 56° 	10 222 - 143 05:45 - 20:31 55° 	11 223 - 142 05:46 - 20:29 55° 	12 224 - 141 05:48 - 20:28 55°
13 225 - 140 05:49 - 20:26 55° 	14 226 - 139 05:51 - 20:24 54° 	15 227 - 138 05:52 - 20:22 54° 	16 228 - 137 05:54 - 20:20 54° 	17 229 - 136 05:55 - 20:18 53° 	18 230 - 135 05:57 - 20:16 53° 	19 231 - 134 05:58 - 20:14 53°
20 232 - 133 06:00 - 20:12 52° 	21 233 - 132 06:01 - 20:10 52° 	22 234 - 131 06:03 - 20:08 52° 	23 235 - 130 06:04 - 20:06 51° 	24 236 - 129 06:06 - 20:04 51° 	25 237 - 128 06:07 - 20:02 51° 	26 238 - 127 06:09 - 20:00 50°
27 239 - 126 06:10 - 19:58 50° 	28 240 - 125 06:12 - 19:56 50° 	29 241 - 124 06:13 - 19:54 49° 	30 242 - 123 06:15 - 19:52 49° 	31 243 - 122 06:16 - 19:50 48° 		

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