

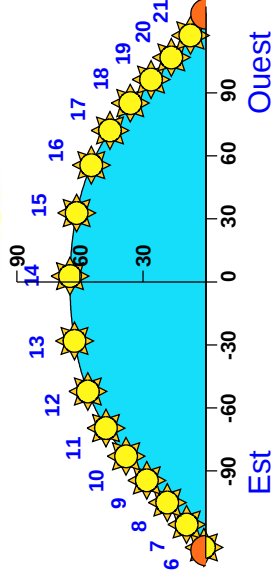
Calendrier solaire 2025

Produit par *ScientiDev*
www.scientidev.fr

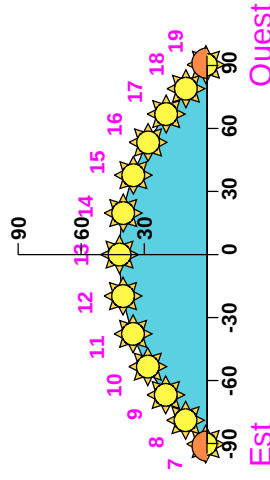
Palaiseau
2.25°E, 48.71°N



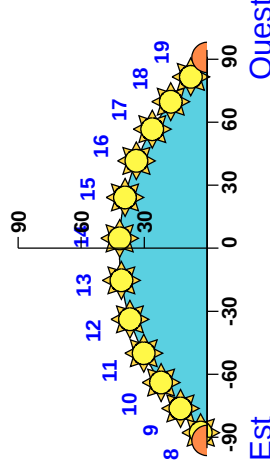
Été



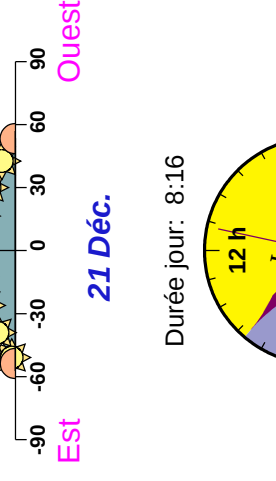
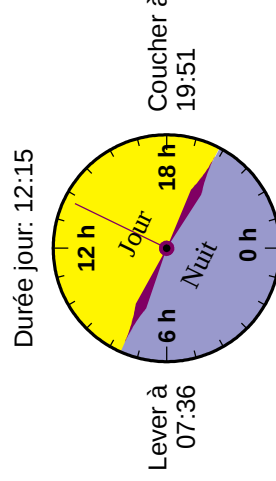
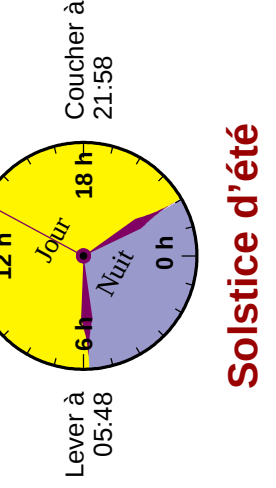
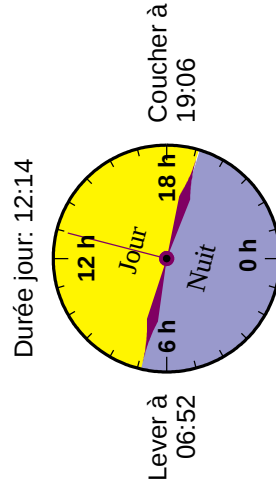
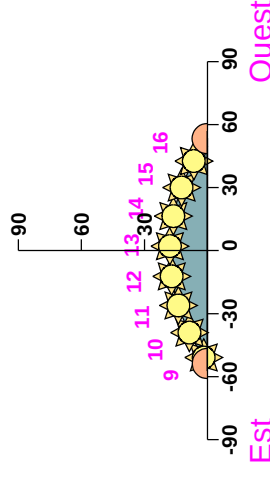
Printemps



Automne



Hiver



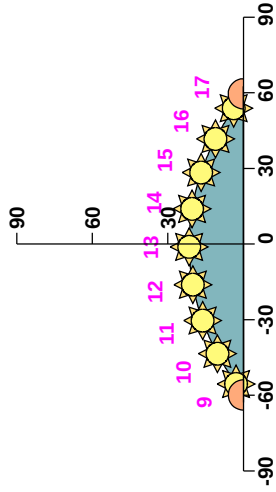
Équinoxe de printemps

Équinoxe d'automne

Solstice d'été

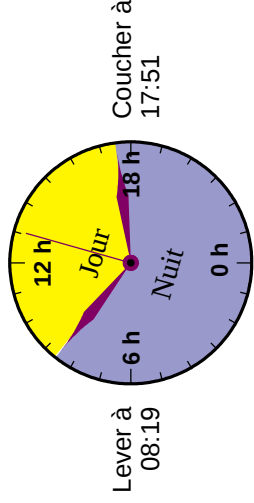
Solstice d'hiver

Janvier 2025



Palaiseau

2.25°E, 48.71°N



Est Élévation du Soleil le 21 Jan.

Durée du jour le 21 Janvier

Levers et couchers du Soleil à Palaiseau (TL $\pm$ 1 mn) et élévation maximale du Soleil (°)

Lundi

Mardi

Mercredi

Jeudi

Vendredi

Samedi

Dimanche

1

6	6 - 359 08:43 - 17:11 19°	
---	------------------------------	--

7	7 - 358 08:43 - 17:13 19°	
---	------------------------------	--

8	8 - 357 08:42 - 17:14 19°	
---	------------------------------	--

9	9 - 356 08:42 - 17:15 19°	
---	------------------------------	--

10	10 - 355 08:42 - 17:16 19°	
----	-------------------------------	--

11	11 - 354 08:41 - 17:18 20°	
----	-------------------------------	--

12	12 - 353 08:41 - 17:19 20°	
----	-------------------------------	--

3

13	13 - 352 08:40 - 17:20 20°	
----	-------------------------------	--

14	14 - 351 08:39 - 17:22 20°	
----	-------------------------------	--

15	15 - 350 08:39 - 17:23 20°	
----	-------------------------------	--

16	16 - 349 08:38 - 17:25 21°	
----	-------------------------------	--

17	17 - 348 08:37 - 17:26 21°	
----	-------------------------------	--

18	18 - 347 08:36 - 17:27 21°	
----	-------------------------------	--

19	19 - 346 08:35 - 17:29 21°	
----	-------------------------------	--

4

20	20 - 345 08:34 - 17:30 21°	
----	-------------------------------	--

21	21 - 344 08:34 - 17:32 22°	
----	-------------------------------	--

22	22 - 343 08:33 - 17:34 22°	
----	-------------------------------	--

23	23 - 342 08:32 - 17:35 22°	
----	-------------------------------	--

24	24 - 341 08:30 - 17:37 22°	
----	-------------------------------	--

25	25 - 340 08:29 - 17:38 23°	
----	-------------------------------	--

26	26 - 339 08:28 - 17:40 23°	
----	-------------------------------	--

5

27	27 - 338 08:27 - 17:41 23°	
----	-------------------------------	--

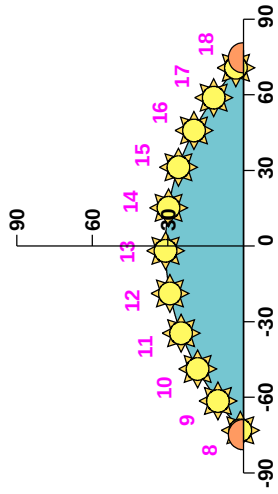
28	28 - 337 08:26 - 17:43 23°	
----	-------------------------------	--

29	29 - 336 08:25 - 17:45 24°	
----	-------------------------------	--

30	30 - 335 08:23 - 17:46 24°	
----	-------------------------------	--

31	31 - 334 08:22 - 17:48 24°	
----	-------------------------------	--

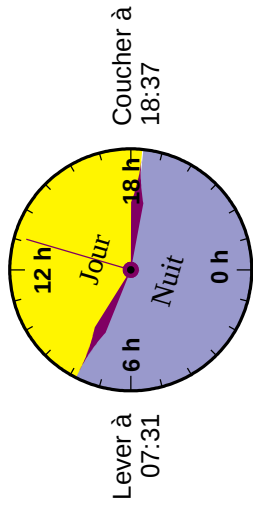
Février 2025



Est Élévation du Soleil le 21 Fév. Ouest

Palaiseau

2.25°E, 48.71°N



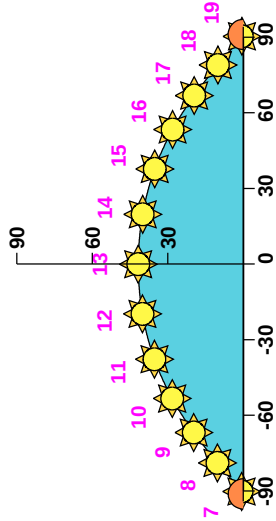
Durée du jour le 21 Février

Levers et couchers du Soleil à Palaiseau (TL $\pm$ 1 mn) et élévation maximale du Soleil (°)

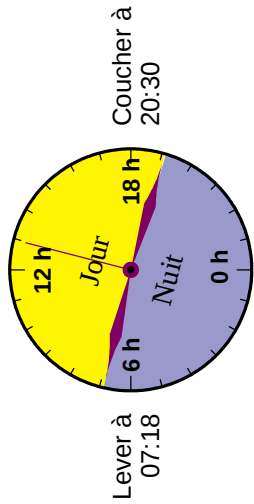
Lundi Mardi Mercredi Jeudi Vendredi Samedi Dimanche

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

Mars 2025



Palaiseau
2.25°E, 48.71°N



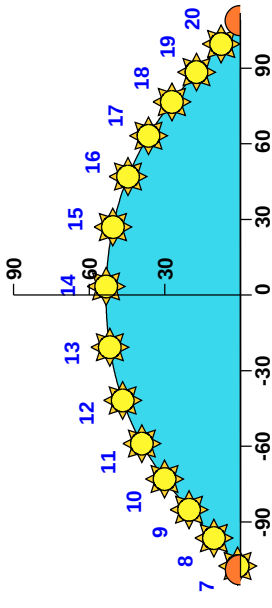
Est Élévation du Soleil le 21 Mars Ouest

Levers et couchers du Soleil à Palaiseau (TL ± 1 mn) et élévation maximale du Soleil (°)

Durée du jour le 21 Mars

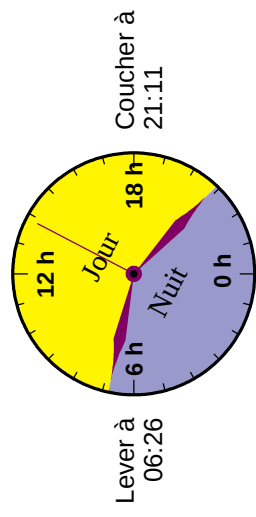
Heure d'été le 30 Mars

	Lundi	Mardi	Mercredi	Jeudi	Vendredi	Samedi	Dimanche
9	3 62 - 303 07:29 - 18:38 35°	4 63 - 302 07:27 - 18:40 35°	5 64 - 301 07:25 - 18:41 35°	6 65 - 300 07:23 - 18:43 36°	7 66 - 299 07:21 - 18:44 36°	8 67 - 298 07:19 - 18:46 37°	9 68 - 297 07:17 - 18:47 37°
10	10 69 - 296 07:15 - 18:49 37°	11 70 - 295 07:13 - 18:51 38°	12 71 - 294 07:10 - 18:52 38°	13 72 - 293 07:08 - 18:54 39°	14 73 - 292 07:06 - 18:55 39°	15 74 - 291 07:04 - 18:57 39°	16 75 - 290 07:02 - 18:58 40°
11	17 76 - 289 07:00 - 19:00 40°	18 77 - 288 06:58 - 19:01 41°	19 78 - 287 06:56 - 19:03 41°	20 79 - 286 06:54 - 19:04 41°	21 80 - 285 06:52 - 19:06 42°	22 81 - 284 06:50 - 19:07 42°	23 82 - 283 06:48 - 19:09 43°
12	24 83 - 282 06:45 - 19:10 43°	25 84 - 281 06:43 - 19:12 43°	26 85 - 280 06:41 - 19:13 44°	27 86 - 279 06:39 - 19:15 44°	28 87 - 278 06:37 - 19:16 45°	29 88 - 277 06:35 - 19:18 45°	30 89 - 276 07:33 - 20:19 45°
13	31 90 - 275 07:31 - 20:21 46°						



Avril 2025

Palaiseau
2.25°E, 48.71°N



Est Élévation du Soleil le 21 Avril Ouest

Durée du jour le 21 Avril

Levers et couchers du Soleil à Palaiseau (TL ± 1 mn) et élévation maximale du Soleil (°)

Lundi Mardi Mercredi Jeudi Vendredi Samedi Dimanche

7 97 - 268 07:16 - 20:31 48°	1 91 - 274 07:29 - 20:22 46°	2 92 - 273 07:27 - 20:24 46°	3 93 - 272 07:25 - 20:25 47°	4 94 - 271 07:23 - 20:27 47°	5 95 - 270 07:20 - 20:28 48°	6 96 - 269 07:18 - 20:30 48°
14 104 - 261 07:02 - 20:41 51°	8 98 - 267 07:14 - 20:33 49°	9 99 - 266 07:12 - 20:34 49°	10 100 - 265 07:10 - 20:36 49°	11 101 - 264 07:08 - 20:37 50°	12 102 - 263 07:06 - 20:38 50°	13 103 - 262 07:04 - 20:40 51°
21 111 - 254 06:49 - 20:52 53°	15 105 - 260 07:00 - 20:43 51°	16 106 - 259 06:58 - 20:44 52°	17 107 - 258 06:56 - 20:46 52°	18 108 - 257 06:55 - 20:47 52°	19 109 - 256 06:53 - 20:49 53°	20 110 - 255 06:51 - 20:50 53°
28 118 - 247 06:36 - 21:02 56°	22 112 - 253 06:47 - 20:53 54°	23 113 - 252 06:45 - 20:55 54°	24 114 - 251 06:43 - 20:56 54°	25 115 - 250 06:41 - 20:58 55°	26 116 - 249 06:40 - 20:59 55°	27 117 - 248 06:38 - 21:01 55°

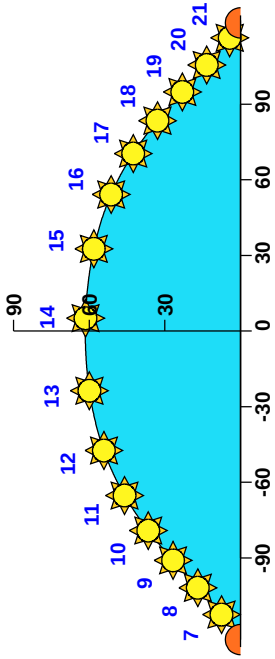
14

15

16

17

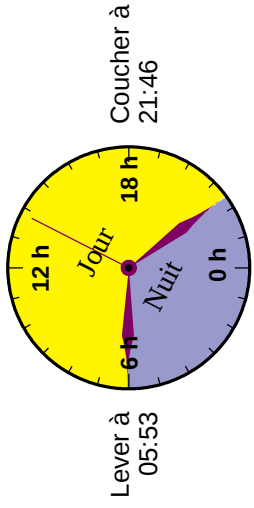
18



Mai 2025

Palaiseau

2.25°E, 48.71°N



Est Élévation du Soleil le 21 Mai

Durée du jour le 21 Mai

Levers et couchers du Soleil à Palaiseau (TL $\pm$ 1 mn) et élévation maximale du Soleil (°)

Lundi

Mardi

Mercredi

Jeudi

Vendredi

Samedi

Dimanche

18

5
125 - 240
06:24 - 21:12 58°

6
126 - 239
06:23 - 21:14 58°

7
127 - 238
06:21 - 21:15 58°

8
128 - 237
06:20 - 21:16 59°

9
129 - 236
06:18 - 21:18 59°

10
130 - 235
06:17 - 21:19 59°

11
131 - 234
06:15 - 21:21 59°

19

12
132 - 233
06:14 - 21:22 60°

13
133 - 232
06:13 - 21:23 60°

14
134 - 231
06:11 - 21:25 60°

15
135 - 230
06:10 - 21:26 60°

16
136 - 229
06:09 - 21:27 61°

17
137 - 228
06:07 - 21:29 61°

18
138 - 227
06:06 - 21:30 61°

20

19
139 - 226
06:05 - 21:31 61°

20
140 - 225
06:04 - 21:33 61°

21
141 - 224
06:03 - 21:34 62°

22
142 - 223
06:02 - 21:35 62°

23
143 - 222
06:00 - 21:36 62°

24
144 - 221
05:59 - 21:37 62°

25
145 - 220
05:58 - 21:39 62°

21

26
146 - 219
05:58 - 21:40 63°

27
147 - 218
05:57 - 21:41 63°

28
148 - 217
05:56 - 21:42 63°

29
149 - 216
05:55 - 21:43 63°

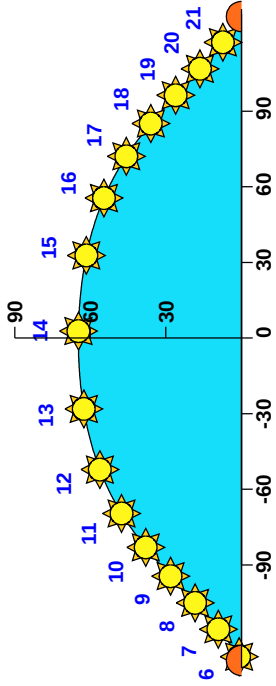
30
150 - 215
05:54 - 21:44 63°

31
151 - 214
05:53 - 21:45 63°

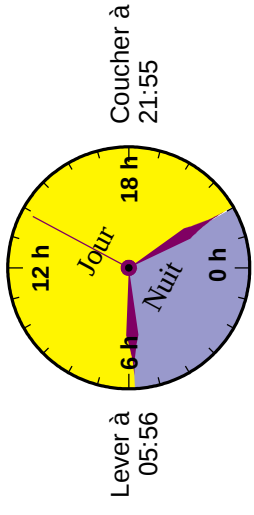
22

Figure 1 is a line graph showing the variation of the number of stars in the sky as a function of the hour angle. The x-axis represents the hour angle in degrees, ranging from -90 to 90. The y-axis represents the number of stars, ranging from 6 to 21. The curve shows a peak of 21 stars at 0 degrees hour angle. The data points are marked with yellow stars and labeled with their corresponding number of stars.

Hour Angle (degrees)	Number of Stars
-90	6
-80	7
-70	8
-60	9
-50	10
-40	11
-30	12
-20	13
-10	14
0	21
10	17
20	18
30	19
40	20
50	21
60	20
70	19
80	18
90	17



2.25°E, 48.71°N



Durée du jour le 21 Juin

Levers et couchers du Soleil à Palaiseau (TL $\pm$ 1 mn) et élévation maximale du Soleil (°)

Dimanche

27

30 *181 - 184*
05:52 - 21:58 64°

24 175 - 190
05:49 - 21:58

25
176 - 189
05:50 - 21:58 65°

26 177 - 188
05:50 - 21:58 65°

27 *178 - 187*
05:50 - 21:58 65°

28 179 - 186
05:51 - 21:58 65°

29 $180 - 185$
 $05:51 - 21:58$ 64°

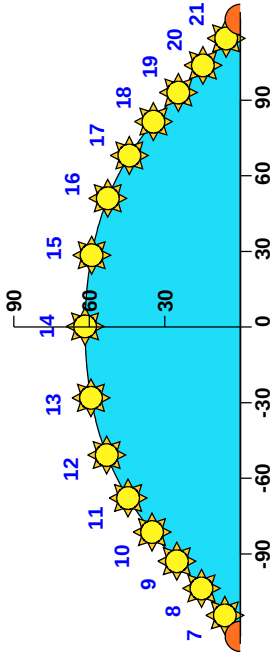
152 - 213
05:53 - 21:46 63°

159 - 206
05:49 - 21:52 64°

166 - 199
05:48 - 21:56 65°

173 - 192
05:49 - 21:58 65°

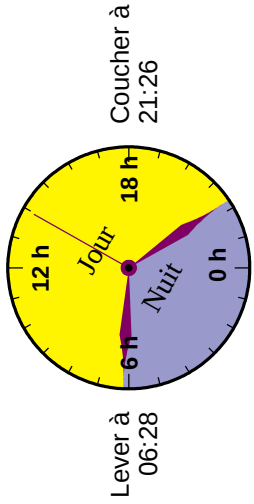
180 - 185
05:51 - 21:58 64°



Juillet 2025

Palaiseau

2.25°E, 48.71°N



Est Élévation du Soleil le 21 Juil Ouest

Durée du jour le 21 Juillet

Levers et couchers du Soleil à Palaiseau (TL $\pm$ 1 mn) et élévation maximale du Soleil (°)

Lundi

Mardi

Mercredi

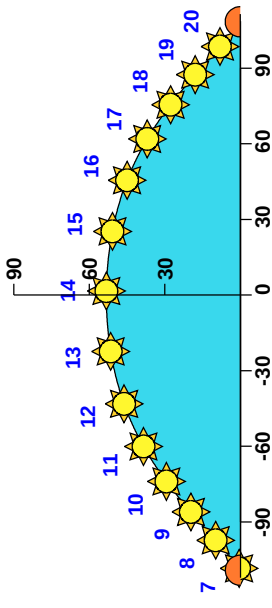
Jeudi

Vendredi

Samedi

Dimanche

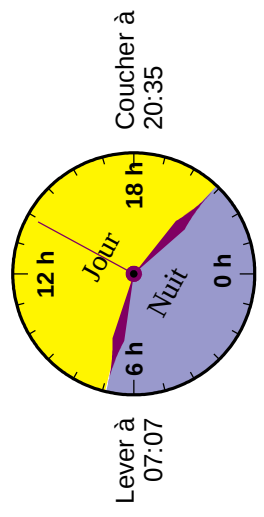
7 188 - 177 05:57 - 21:55 64°	1 182 - 183 05:53 - 21:57 64°	2 183 - 182 05:53 - 21:57 64°	3 184 - 181 05:54 - 21:57 64°	4 185 - 180 05:55 - 21:56 64°	5 186 - 179 05:55 - 21:56 64°	6 187 - 178 05:56 - 21:55 64°
14 195 - 170 06:04 - 21:50 63°	8 189 - 176 05:58 - 21:54 64°	9 190 - 175 05:59 - 21:54 64°	10 191 - 174 06:00 - 21:53 63°	11 192 - 173 06:01 - 21:52 63°	12 193 - 172 06:01 - 21:52 63°	13 194 - 171 06:02 - 21:51 63°
21 202 - 163 06:11 - 21:43 62°	15 196 - 169 06:05 - 21:49 63°	16 197 - 168 06:06 - 21:48 63°	17 198 - 167 06:07 - 21:47 62°	18 199 - 166 06:08 - 21:46 62°	19 200 - 165 06:09 - 21:45 62°	20 201 - 164 06:10 - 21:44 62°
28 209 - 156 06:20 - 21:35 60°	22 203 - 162 06:12 - 21:42 61°	23 204 - 161 06:14 - 21:41 61°	24 205 - 160 06:15 - 21:40 61°	25 206 - 159 06:16 - 21:39 61°	26 207 - 158 06:17 - 21:37 61°	27 208 - 157 06:19 - 21:36 60°



Est Élévation du Soleil le 21 Août Ouest

Août 2025

Palaiseau
2.25°E, 48.71°N



Durée du jour le 21 Août

Levers et couchers du Soleil à Palaiseau (TL ± 1 mn) et élévation maximale du Soleil (°)

Lundi	Mardi	Mercredi	Jeudi	Vendredi	Samedi	Dimanche
4216 - 14906:29 - 21:24 58°	5217 - 14806:31 - 21:23 58°	6218 - 14706:32 - 21:21 58°	7219 - 14606:33 - 21:20 58°	8220 - 14506:35 - 21:18 57°	9221 - 14406:36 - 21:16 57°	10222 - 14306:37 - 21:15 57°
11223 - 14206:39 - 21:13 56°	12224 - 14106:40 - 21:11 56°	13225 - 14006:42 - 21:09 56°	14226 - 13906:43 - 21:08 55°	15227 - 13806:44 - 21:06 55°	16228 - 13706:46 - 21:04 55°	17229 - 13606:47 - 21:02 55°
18230 - 13506:49 - 21:00 54°	19231 - 13406:50 - 20:59 54°	20232 - 13306:51 - 20:57 54°	21233 - 13206:53 - 20:55 53°	22234 - 13106:54 - 20:53 53°	23235 - 13006:56 - 20:51 53°	24236 - 12906:57 - 20:49 52°
25237 - 12806:58 - 20:47 52°	26238 - 12707:00 - 20:45 52°	27239 - 12607:01 - 20:43 51°	28240 - 12507:03 - 20:41 51°	29241 - 12407:04 - 20:39 50°	30242 - 12307:05 - 20:37 50°	31243 - 12207:07 - 20:35 50°

31

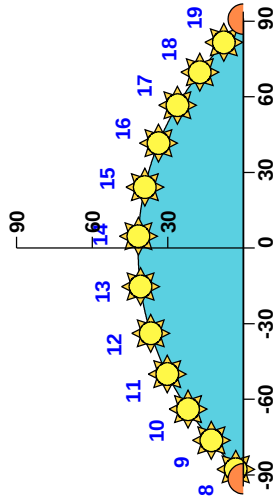
32

33

34

35

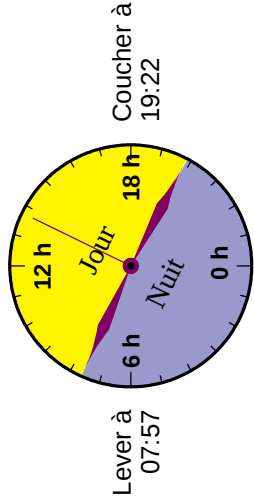
Septembre 2025



Est Élévation du Soleil le 21 Sept. Ouest

Levers et couchers du Soleil à Palaiseau (TL $\pm$ 1 mn) et élévation maximale du Soleil (°)

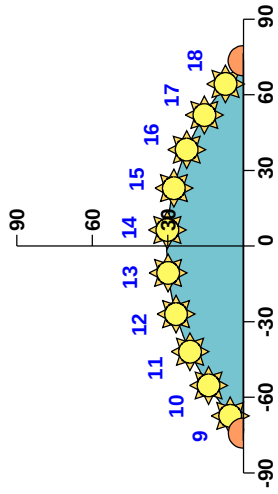
Palaiseau
2.25°E, 48.71°N



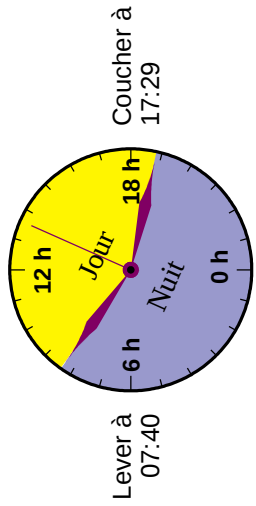
Durée du jour le 21 Septembre

Lundi		Mardi		Mercredi		Jeudi		Vendredi		Samedi		Dimanche	
1	244 - 121 07:08 - 20:33 49°	2	245 - 120 07:10 - 20:31 49°	3	246 - 119 07:11 - 20:29 49°	4	247 - 118 07:13 - 20:27 48°	5	248 - 117 07:14 - 20:25 48°	6	249 - 116 07:15 - 20:23 48°	7	250 - 115 07:17 - 20:21 47°
8	251 - 114 07:18 - 20:18 47°	9	252 - 113 07:20 - 20:16 46°	10	253 - 112 07:21 - 20:14 46°	11	254 - 111 07:22 - 20:12 46°	12	255 - 110 07:24 - 20:10 45°	13	256 - 109 07:25 - 20:08 45°	14	257 - 108 07:27 - 20:06 45°
15	258 - 107 07:28 - 20:04 44°	16	259 - 106 07:29 - 20:02 44°	17	260 - 105 07:31 - 19:59 43°	18	261 - 104 07:32 - 19:57 43°	19	262 - 103 07:34 - 19:55 43°	20	263 - 102 07:35 - 19:53 42°	21	264 - 101 07:36 - 19:51 42°
22	265 - 100 07:38 - 19:49 41°	23	266 - 99 07:39 - 19:47 41°	24	267 - 98 07:41 - 19:45 41°	25	268 - 97 07:42 - 19:42 40°	26	269 - 96 07:44 - 19:40 40°	27	270 - 95 07:45 - 19:38 39°	28	271 - 94 07:46 - 19:36 39°
29	272 - 93 07:48 - 19:34 39°	30	273 - 92 07:49 - 19:32 38°										

Octobre 2025



Palaiseau
2.25°E, 48.71°N



Est **Élévation du Soleil le 21 Oct.**

Durée du jour le 21 Octobre

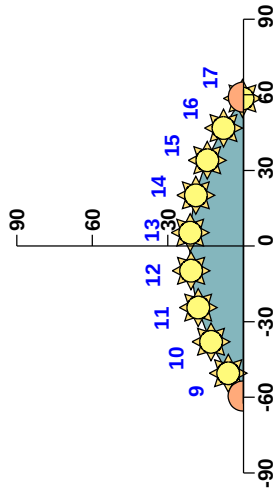
Levers et couchers du Soleil à Palaiseau (TL $\pm$ 1 mn) et élévation maximale du Soleil (°)

Heure d'hiver le 26 Octobre

Lundi **Mardi** **Mercredi** **Jeudi** **Vendredi** **Samedi** **Dimanche**

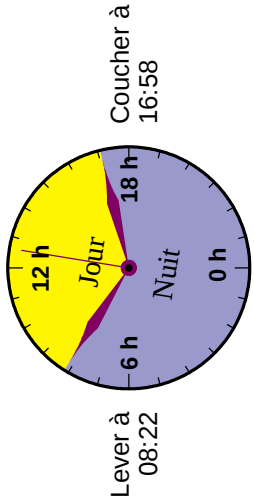
6 279 - 86 07:58 - 19:19 36°	7 280 - 85 08:00 - 19:17 36°	1 274 - 91 07:51 - 19:30 38°	2 275 - 90 07:52 - 19:28 38°	3 276 - 89 07:54 - 19:26 37°	4 277 - 88 07:55 - 19:24 37°	5 278 - 87 07:57 - 19:22 36°
13 286 - 79 08:09 - 19:05 33°	14 287 - 78 08:10 - 19:03 33°	8 281 - 84 08:01 - 19:15 35°	9 282 - 83 08:03 - 19:13 35°	10 283 - 82 08:04 - 19:11 34°	11 284 - 81 08:06 - 19:09 34°	12 285 - 80 08:07 - 19:07 34°
20 293 - 72 08:19 - 18:52 31°	21 294 - 71 08:21 - 18:50 30°	15 288 - 77 08:12 - 19:01 33°	16 289 - 76 08:13 - 19:00 32°	17 290 - 75 08:15 - 18:58 32°	18 291 - 74 08:16 - 18:56 32°	19 292 - 73 08:18 - 18:54 31°
27 300 - 65 07:30 - 17:39 28°	28 301 - 64 07:32 - 17:38 28°	22 295 - 70 08:22 - 18:48 30°	23 296 - 69 08:24 - 18:46 30°	24 297 - 68 08:25 - 18:45 29°	25 298 - 67 08:27 - 18:43 29°	26 299 - 66 07:28 - 17:41 29°
34 307 - 58 07:33 - 17:41 27°	35 308 - 57 07:35 - 17:39 27°	29 302 - 63 07:33 - 17:36 28°	30 303 - 62 07:35 - 17:34 27°	31 304 - 61 07:36 - 17:33 27°		

Novembre 2025



Est Élévation du Soleil le 21 Nov. Ouest

Palaiseau
2.25°E, 48.71°N

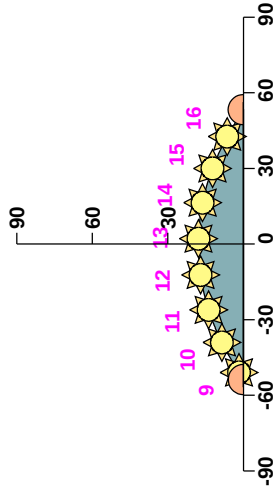


Durée du jour le 21 Novembre

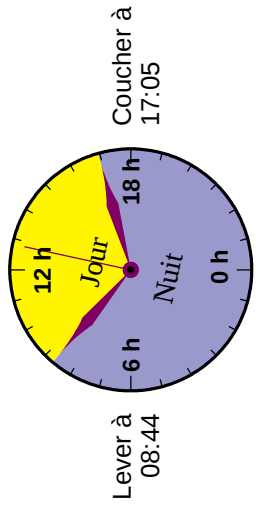
Levers et couchers du Soleil à Palaiseau (TL $\pm$ 1 mn) et élévation maximale du Soleil (°)

Lundi	Mardi	Mercredi	Vendredi	Samedi	Dimanche
44 3 307 - 58 07:41 - 17:28 26°	45 4 308 - 57 07:43 - 17:26 26°	46 5 309 - 56 07:44 - 17:25 25°	47 6 310 - 55 07:46 - 17:23 25°	48 7 311 - 54 07:47 - 17:22 25°	8 312 - 53 07:49 - 17:20 25°
49 10 314 - 51 07:52 - 17:17 24°	50 11 315 - 50 07:54 - 17:16 24°	51 12 316 - 49 07:55 - 17:15 23°	52 13 317 - 48 07:57 - 17:14 23°	53 14 318 - 47 07:58 - 17:12 23°	54 15 319 - 46 08:00 - 17:11 23°
55 17 321 - 44 08:03 - 17:09 22°	56 18 322 - 43 08:05 - 17:08 22°	57 19 323 - 42 08:06 - 17:07 22°	58 20 324 - 41 08:08 - 17:06 22°	59 21 325 - 40 08:09 - 17:05 21°	60 22 326 - 39 08:10 - 17:04 21°
61 24 328 - 37 08:13 - 17:02 21°	62 25 329 - 36 08:15 - 17:01 20°	63 26 330 - 35 08:16 - 17:01 20°	64 27 331 - 34 08:18 - 17:00 20°	65 28 332 - 33 08:19 - 16:59 20°	66 29 333 - 32 08:20 - 16:59 20°
					67 30 334 - 31 08:22 - 16:58 20°

Décembre 2025



Est Élévation du Soleil le 21 Déc. Ouest

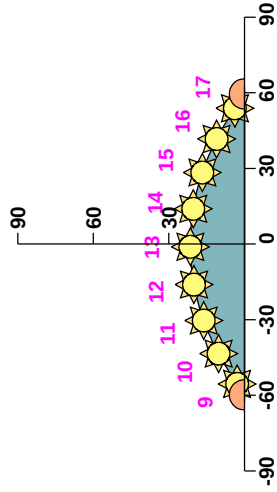


Durée du jour le 21 Décembre

Levers et couchers du Soleil à Palaiseau (TL $\pm$ 1 mn) et élévation maximale du Soleil (°)

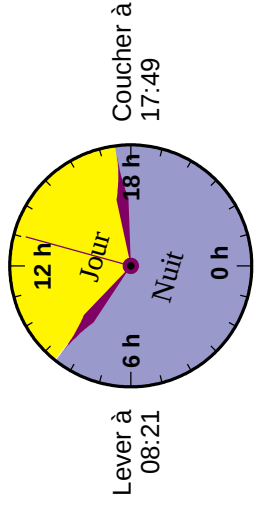
	Lundi	Mardi	Mercredi	Jeudi	Vendredi	Samedi	Dimanche
49	1 335 - 30 08:23 - 16:57 19°	2 336 - 29 08:24 - 16:57 19°	3 337 - 28 08:25 - 16:57 19°	4 338 - 27 08:26 - 16:56 19°	5 339 - 26 08:28 - 16:56 19°	6 340 - 25 08:29 - 16:56 19°	7 341 - 24 08:30 - 16:55 19°
50	8 342 - 23 08:31 - 16:55 19°	9 343 - 22 08:32 - 16:55 18°	10 344 - 21 08:33 - 16:55 18°	11 345 - 20 08:34 - 16:55 18°	12 346 - 19 08:35 - 16:55 18°	13 347 - 18 08:36 - 16:55 18°	14 348 - 17 08:37 - 16:55 18°
51	15 349 - 16 08:37 - 16:55 18°	16 350 - 15 08:38 - 16:56 18°	17 351 - 14 08:39 - 16:56 18°	18 352 - 13 08:40 - 16:56 18°	19 353 - 12 08:40 - 16:57 18°	20 354 - 11 08:41 - 16:57 18°	21 355 - 10 08:41 - 16:57 18°
52	22 356 - 9 08:42 - 16:58 18°	23 357 - 8 08:42 - 16:59 18°	24 358 - 7 08:43 - 16:59 18°	25 359 - 6 08:43 - 17:00 18°	26 360 - 5 08:43 - 17:00 18°	27 361 - 4 08:43 - 17:01 18°	28 362 - 3 08:44 - 17:02 18°
53	29 363 - 2 08:44 - 17:03 18°	30 364 - 1 08:44 - 17:04 18°	31 365 - 0 08:44 - 17:05 18°				

Janvier 2026



Palaiseau

2.25°E, 48.71°N



Est Élévation du Soleil le 21 Jan. Ouest

Durée du jour le 21 Janvier

Levers et couchers du Soleil à Palaiseau (TL $\pm$ 1 mn) et élévation maximale du Soleil (°)

Lundi

Mardi

Mercredi

Jeudi

Vendredi

Samedi

Dimanche

1

5	5 - 360 08:43 - 17:10 19°	
---	------------------------------	--

6	6 - 359 08:43 - 17:11 19°	
---	------------------------------	--

7	7 - 358 08:43 - 17:12 19°	
---	------------------------------	--

8	8 - 357 08:43 - 17:13 19°	
---	------------------------------	--

9	9 - 356 08:42 - 17:15 19°	
---	------------------------------	--

10	10 - 355 08:42 - 17:16 19°	
----	-------------------------------	--

11	11 - 354 08:41 - 17:17 20°	
----	-------------------------------	--

2

12	12 - 353 08:41 - 17:19 20°	
----	-------------------------------	--

13	13 - 352 08:40 - 17:20 20°	
----	-------------------------------	--

14	14 - 351 08:39 - 17:21 20°	
----	-------------------------------	--

15	15 - 350 08:39 - 17:23 20°	
----	-------------------------------	--

16	16 - 349 08:38 - 17:24 20°	
----	-------------------------------	--

17	17 - 348 08:37 - 17:26 21°	
----	-------------------------------	--

18	18 - 347 08:36 - 17:27 21°	
----	-------------------------------	--

3

19	19 - 346 08:36 - 17:29 21°	
----	-------------------------------	--

20	20 - 345 08:35 - 17:30 21°	
----	-------------------------------	--

21	21 - 344 08:34 - 17:32 21°	
----	-------------------------------	--

22	22 - 343 08:33 - 17:33 22°	
----	-------------------------------	--

23	23 - 342 08:32 - 17:35 22°	
----	-------------------------------	--

24	24 - 341 08:31 - 17:36 22°	
----	-------------------------------	--

25	25 - 340 08:30 - 17:38 22°	
----	-------------------------------	--

4

26	26 - 339 08:28 - 17:39 23°	
----	-------------------------------	--

27	27 - 338 08:27 - 17:41 23°	
----	-------------------------------	--

28	28 - 337 08:26 - 17:43 23°	
----	-------------------------------	--

29	29 - 336 08:25 - 17:44 23°	
----	-------------------------------	--

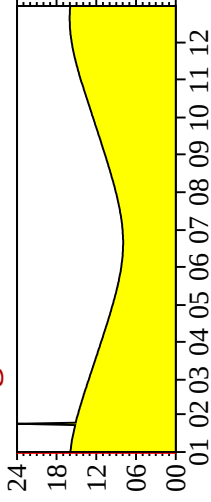
30	30 - 335 08:24 - 17:46 24°	
----	-------------------------------	--

31	31 - 334 08:22 - 17:47 24°	
----	-------------------------------	--

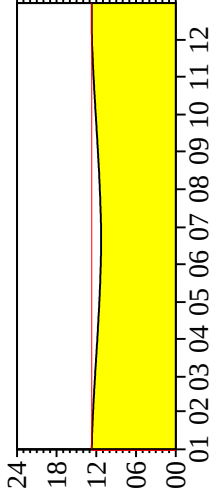
5

Day duration for any cities for 2025

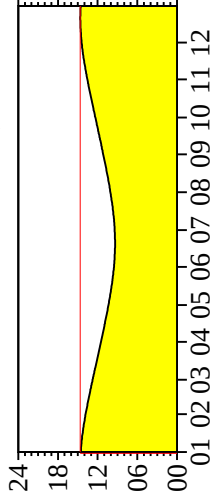
Kerguelen 69.33°E, -49.33°N



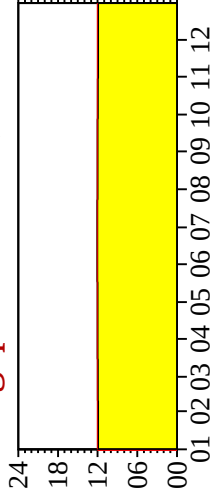
Lima -77.03°E, -12.05°N



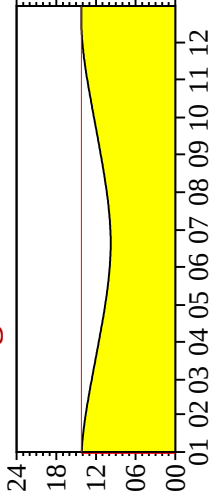
Melbourne 144.97°E, -37.81°N



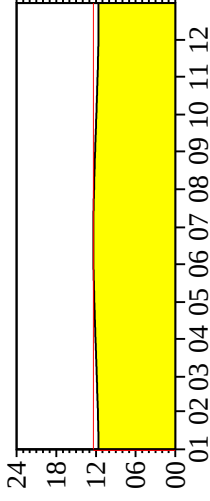
Singapour 103.85°E, 1.03°N



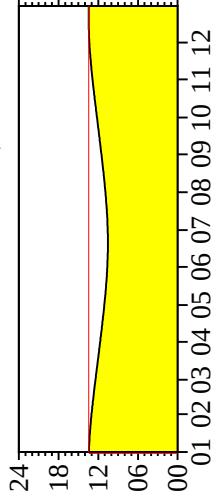
Santiago -70.65°E, -33.43°N



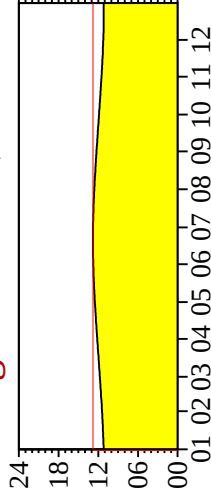
Colombo 79.83°E, 6.92°N



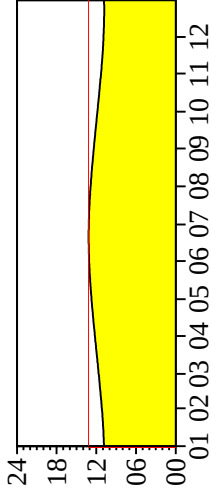
Sao Paulo -46.63°E, -23.55°N



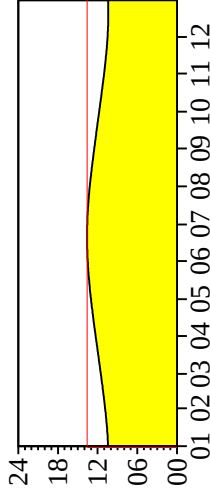
Bangkok 100.49°E, 13.75°N



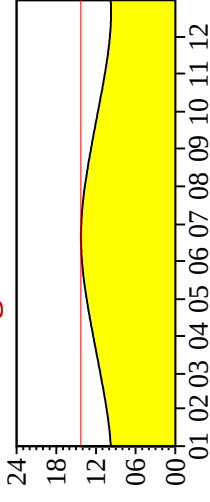
Mexico -99.13°E, 19.43°N



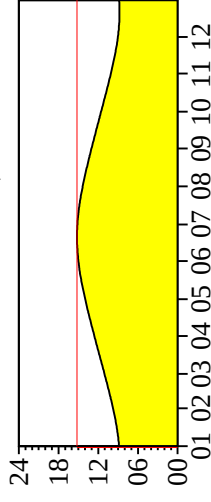
Miami -80.22°E, 25.78°N



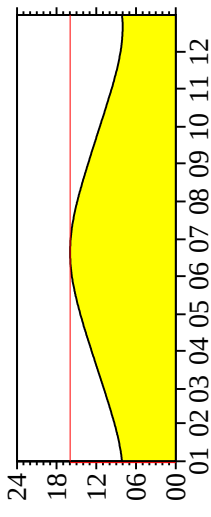
Los Angeles -118.24°E, 34.05°N



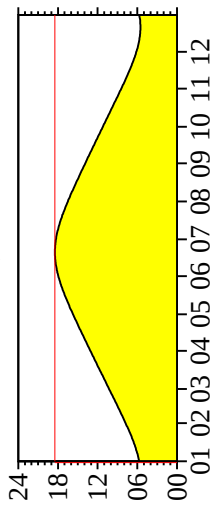
Marseille 5.38°E, 43.3°N



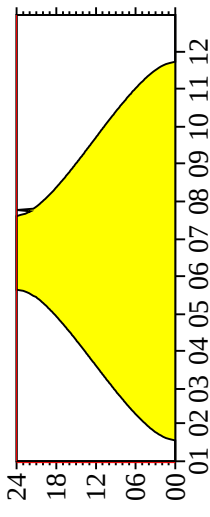
Paris 2.35°E, 48.86°N



Oslo 10.75°E, 59.92°N



Tromso 18.97°E, 69.66°N



Ny Alesund 11.92°E, 78.92°N

