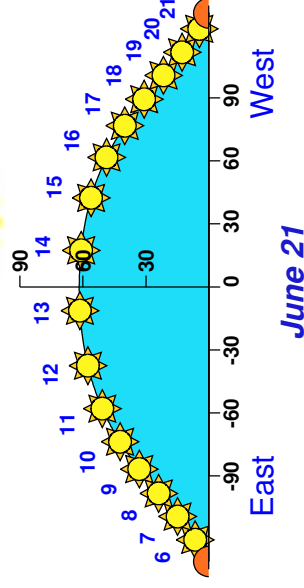


Sun Calendar 2024

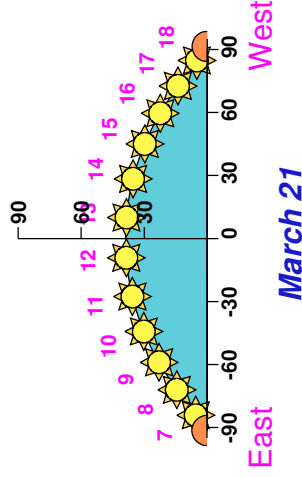
Produced by *ScientiDev*
www.scientidev.fr



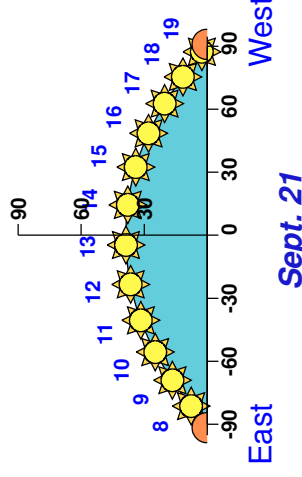
Summer



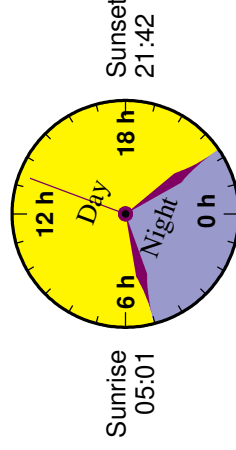
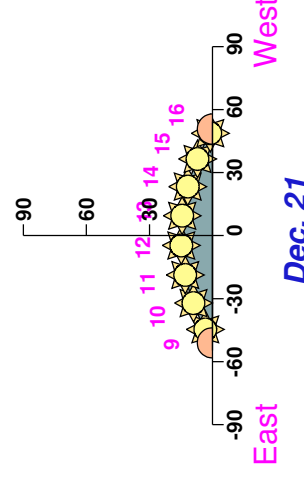
Spring



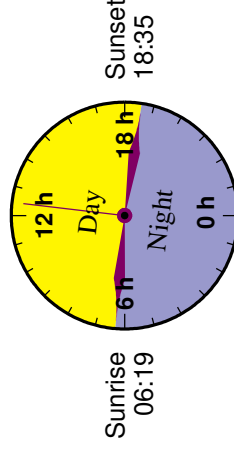
Autumn



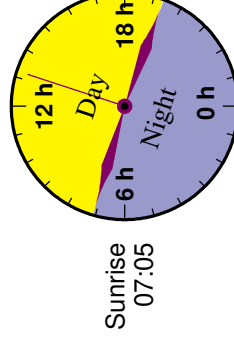
Winter



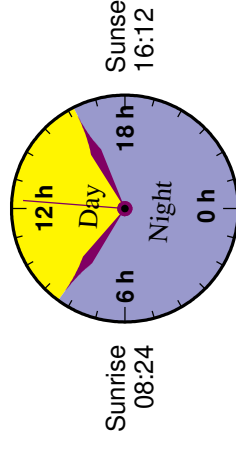
Summer Solstice



Spring Equinox



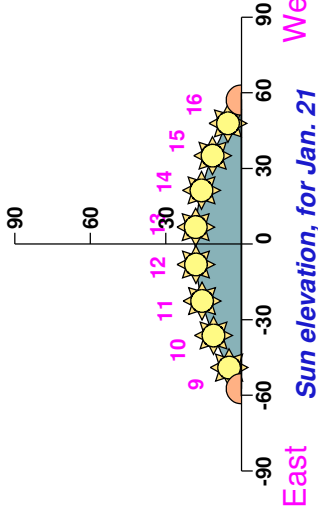
Autumn Equinox



Katlenburg-Lindau

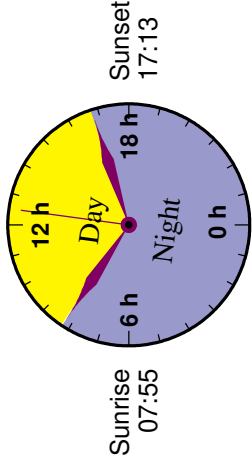
10.1°E, 51.68°N

January 2024



East West
Sun elevation, for Jan. 21

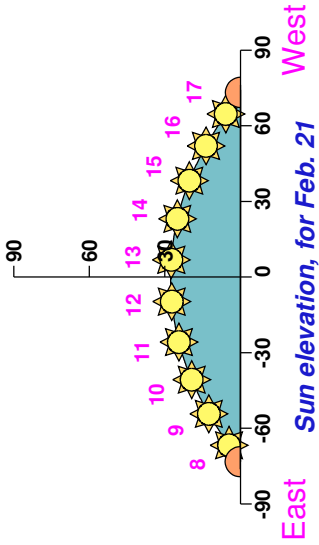
Katlenburg-Lindau
10.1°E, 51.68°N



Duration of the day, for January 21

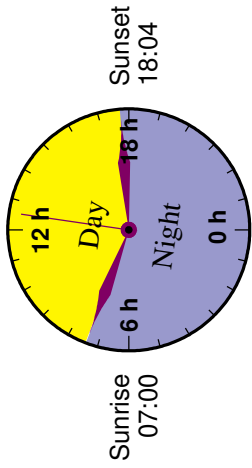
Sunrise and Sunset at Katlenburg-Lindau (TL ± 1 mn) and sun maximal elevation (°)

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
1	1 - 365 08:26 - 16:20 15°	2 - 364 08:26 - 16:21 15°	3 - 363 08:26 - 16:22 16°	4 - 362 08:26 - 16:23 16°	5 - 361 08:26 - 16:25 16°	6 - 360 08:25 - 16:26 16°	7 - 359 08:25 - 16:27 16°
2	8 - 358 08:24 - 16:28 16°	9 - 357 08:24 - 16:30 16°	10 - 356 08:23 - 16:31 16°	11 - 355 08:23 - 16:33 17°	12 - 354 08:22 - 16:34 17°	13 - 353 08:21 - 16:35 17°	14 - 352 08:21 - 16:37 17°
3	15 - 351 08:20 - 16:38 17°	16 - 350 08:19 - 16:40 17°	17 - 349 08:18 - 16:42 18°	18 - 348 08:17 - 16:43 18°	19 - 347 08:16 - 16:45 18°	20 - 346 08:15 - 16:47 18°	21 - 345 08:14 - 16:48 18°
4	22 - 344 08:13 - 16:50 19°	23 - 343 08:12 - 16:52 19°	24 - 342 08:11 - 16:53 19°	25 - 341 08:09 - 16:55 19°	26 - 340 08:08 - 16:57 20°	27 - 339 08:07 - 16:59 20°	28 - 338 08:05 - 17:00 20°
5	29 - 337 08:04 - 17:02 20°	30 - 336 08:02 - 17:04 21°	31 - 335 08:01 - 17:06 21°				



February 2024

Katlenburg-Lindau
10.1°E, 51.68°N

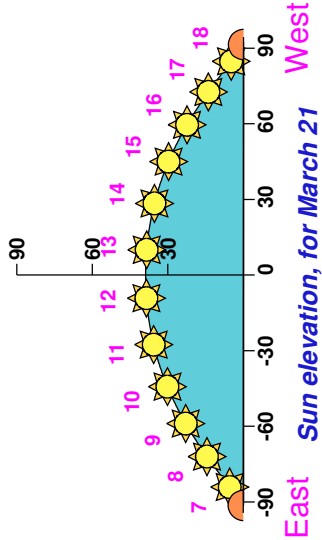


Duration of the day, for February 21

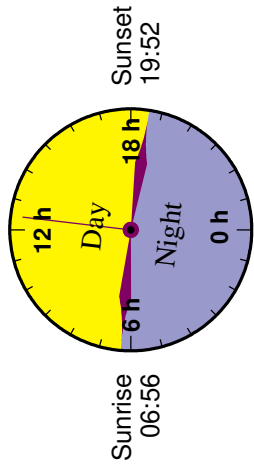
Sunrise and Sunset at Katlenburg-Lindau (TL ± 1 mn) and sun maximal elevation (°)

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

March 2024



Katlenburg-Lindau
10.1°E, 51.68°N



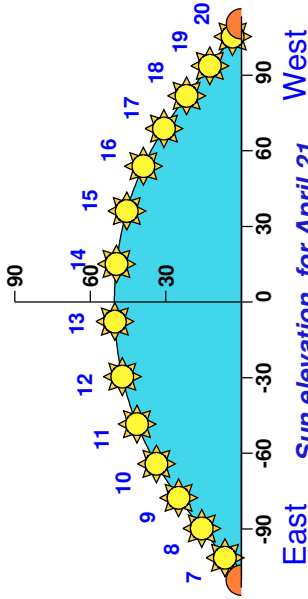
Duration of the day, for March 21

Sunrise and Sunset at Katlenburg-Lindau (TL ± 1 mn) and sun maximal elevation (°)

Time change March 31

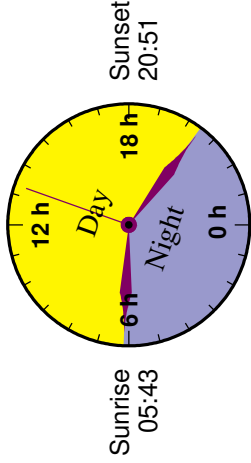
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
9	4 64 - 302 06:58 - 18:06 32°	5 65 - 301 06:56 - 18:08 33°	6 66 - 300 06:53 - 18:09 33°	7 67 - 299 06:51 - 18:11 33°	1 61 - 305 07:04 - 18:01 31°	2 62 - 304 07:02 - 18:02 31°	3 63 - 303 07:00 - 18:04 32°
10	11 71 - 295 06:42 - 18:18 35°	12 72 - 294 06:40 - 18:20 35°	13 73 - 293 06:38 - 18:22 36°	14 74 - 292 06:35 - 18:23 36°	8 68 - 298 06:49 - 18:13 34°	9 69 - 297 06:47 - 18:15 34°	10 70 - 296 06:44 - 18:16 35°
11	18 78 - 288 06:26 - 18:30 38°	19 79 - 287 06:24 - 18:32 38°	20 80 - 286 06:22 - 18:34 38°	21 81 - 285 06:19 - 18:35 39°	15 75 - 291 06:33 - 18:25 37°	16 76 - 290 06:31 - 18:27 37°	17 77 - 289 06:28 - 18:28 37°
12	25 85 - 281 06:10 - 18:42 40°	26 86 - 280 06:08 - 18:44 41°	27 87 - 279 06:06 - 18:45 41°	28 88 - 278 06:03 - 18:47 42°	22 82 - 284 06:17 - 18:37 39°	23 83 - 283 06:15 - 18:39 40°	24 84 - 282 06:12 - 18:40 40°
13					29 89 - 277 06:01 - 18:49 42°	30 90 - 276 05:59 - 18:51 42°	31 91 - 275 06:56 - 19:52 43°

April 2024



Katlenburg-Lindau

10.1°E, 51.68°N



Duration of the day, for April 21

Sunrise and Sunset at Katlenburg-Lindau (TL ± 1 mn) and sun maximal elevation (°)

East Sun elevation, for April 21 West

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

1 92 - 274
06:54 - 19:54 43°

2 93 - 273
06:52 - 19:56 44°

3 94 - 272
06:50 - 19:57 44°

4 95 - 271
06:47 - 19:59 44°

5 96 - 270
06:45 - 20:01 45°

6 97 - 269
06:43 - 20:02 45°

7 98 - 268
06:41 - 20:04 45°

14

8 99 - 267
06:38 - 20:06 46°

9 100 - 266
06:36 - 20:07 46°

10 101 - 265
06:34 - 20:09 47°

11 102 - 264
06:32 - 20:11 47°

12 103 - 263
06:29 - 20:12 47°

13 104 - 262
06:27 - 20:14 48°

14 105 - 261
06:25 - 20:16 48°

15

15 106 - 260
06:23 - 20:18 48°

16 107 - 259
06:21 - 20:19 49°

17 108 - 258
06:19 - 20:21 49°

18 109 - 257
06:17 - 20:23 49°

19 110 - 256
06:14 - 20:24 50°

20 111 - 255
06:12 - 20:26 50°

21 112 - 254
06:10 - 20:28 50°

16

22 113 - 253
06:08 - 20:29 51°

23 114 - 252
06:06 - 20:31 51°

24 115 - 251
06:04 - 20:33 51°

25 116 - 250
06:02 - 20:34 52°

26 117 - 249
06:00 - 20:36 52°

27 118 - 248
05:58 - 20:38 52°

28 119 - 247
05:56 - 20:39 53°

17

29 120 - 246
05:54 - 20:41 53°

30 121 - 245
05:52 - 20:43 53°

31 122 - 244
05:50 - 20:45 53°

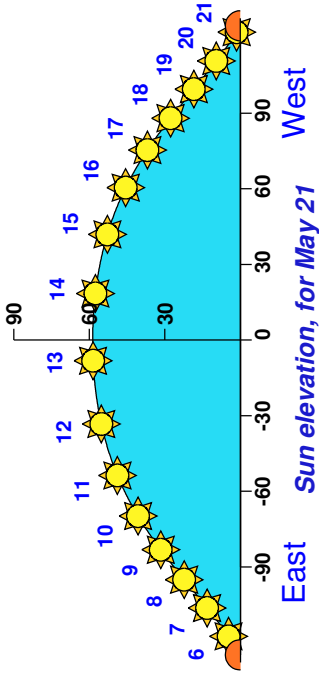
32 123 - 243
05:48 - 20:46 53°

33 124 - 242
05:46 - 20:47 53°

34 125 - 241
05:44 - 20:48 53°

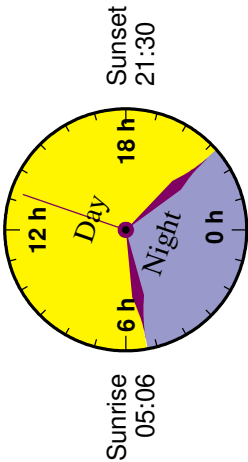
35 126 - 240
05:42 - 20:49 53°

18



May 2024

Katlenburg-Lindau
10.1°E, 51.68°N

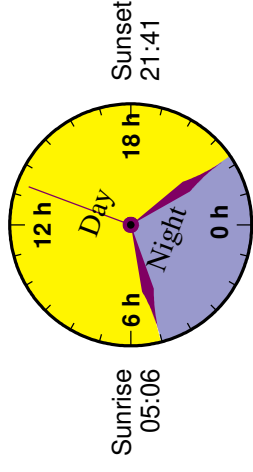


Duration of the day, for May 21

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

Sun elevation, for May 21

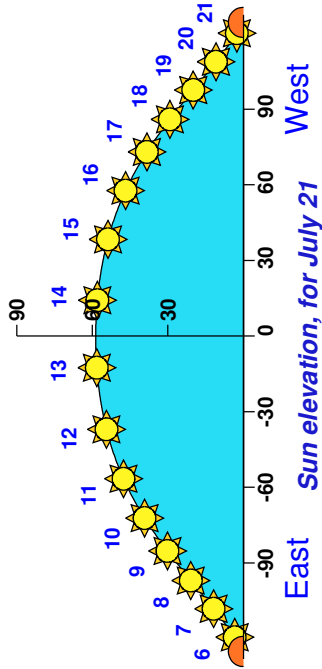
Monday		Tuesday		Wednesday		Thursday		Friday		Saturday		Sunday	
6 127 - 239 05:41 - 20:52 55°		7 128 - 238 05:40 - 20:54 55°		1 122 - 244 05:50 - 20:44 54°		2 123 - 243 05:49 - 20:46 54°		3 124 - 242 05:47 - 20:48 54°		4 125 - 241 05:45 - 20:49 55°		5 126 - 240 05:43 - 20:51 55°	
13 134 - 232 05:30 - 21:04 57°		14 135 - 231 05:28 - 21:05 57°		8 129 - 237 05:38 - 20:56 56°		9 130 - 236 05:36 - 20:57 56°		10 131 - 235 05:34 - 20:59 56°		11 132 - 234 05:33 - 21:00 56°		12 133 - 233 05:31 - 21:02 57°	
20 141 - 225 05:20 - 21:14 58°		21 142 - 224 05:18 - 21:15 59°		15 136 - 230 05:27 - 21:07 57°		16 137 - 229 05:25 - 21:08 58°		17 138 - 228 05:24 - 21:10 58°		18 139 - 227 05:22 - 21:11 58°		19 140 - 226 05:21 - 21:12 58°	
27 148 - 218 05:12 - 21:23 60°		28 149 - 217 05:11 - 21:24 60°		22 143 - 223 05:17 - 21:17 59°		23 144 - 222 05:16 - 21:18 59°		24 145 - 221 05:15 - 21:19 59°		25 146 - 220 05:14 - 21:21 59°		26 147 - 219 05:13 - 21:22 60°	



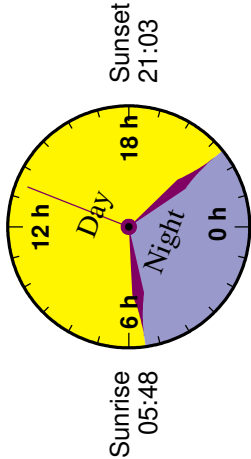
1

1

July 2024



Katlenburg-Lindau
10.1°E, 51.68°N



East West
Sun elevation, for July 21

Duration of the day, for July 21

Sunrise and Sunset at Katlenburg-Lindau (TL ± 1 mn) and sun maximal elevation (°)

Monday		Tuesday		Wednesday		Thursday		Friday		Saturday		Sunday	
1	183 - 183 05:06 - 21:41 61°	2	184 - 182 05:07 - 21:41 61°	3	185 - 181 05:08 - 21:40 61°	4	186 - 180 05:09 - 21:40 61°	5	187 - 179 05:09 - 21:39 61°	6	188 - 178 05:10 - 21:39 61°	7	189 - 177 05:11 - 21:38 61°
8	190 - 176 05:12 - 21:37 61°	9	191 - 175 05:13 - 21:36 61°	10	192 - 174 05:14 - 21:36 60°	11	193 - 173 05:15 - 21:35 60°	12	194 - 172 05:16 - 21:34 60°	13	195 - 171 05:17 - 21:33 60°	14	196 - 170 05:19 - 21:32 60°
15	197 - 169 05:20 - 21:31 60°	16	198 - 168 05:21 - 21:30 60°	17	199 - 167 05:22 - 21:29 59°	18	200 - 166 05:24 - 21:28 59°	19	201 - 165 05:25 - 21:27 59°	20	202 - 164 05:26 - 21:25 59°	21	203 - 163 05:28 - 21:24 59°
22	204 - 162 05:29 - 21:23 58°	23	205 - 161 05:30 - 21:21 58°	24	206 - 160 05:32 - 21:20 58°	25	207 - 159 05:33 - 21:19 58°	26	208 - 158 05:35 - 21:17 58°	27	209 - 157 05:36 - 21:16 57°	28	210 - 156 05:37 - 21:14 57°
29	211 - 155 05:39 - 21:13 57°	30	212 - 154 05:40 - 21:11 57°	31	213 - 153 05:42 - 21:09 56°								

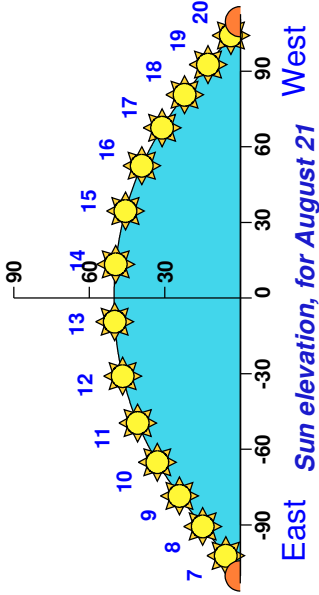
27

28

29

30

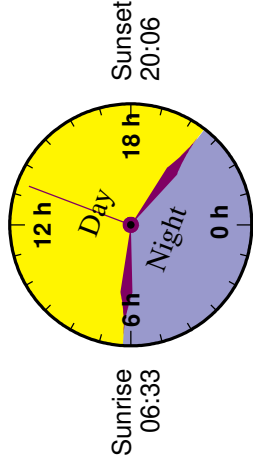
31



August 2024

Katlenburg-Lindau

10.1°E, 51.68°N



East Sun elevation, for August 21

Duration of the day, for August 21

Sunrise and Sunset at Katlenburg-Lindau (TL ± 1 mn) and sun maximal elevation (°)

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
5 218 - 148 05:50 - 21:01 55°	6 219 - 147 05:51 - 20:59 55°	7 220 - 146 05:53 - 20:57 55°	1 214 - 152 05:43 - 21:08 56°	2 215 - 151 05:45 - 21:06 56°	3 216 - 150 05:46 - 21:04 56°	4 217 - 149 05:48 - 21:03 55°
12 225 - 141 06:01 - 20:48 53°	13 226 - 140 06:02 - 20:46 53°	14 227 - 139 06:04 - 20:44 52°	8 221 - 145 05:54 - 20:55 54°	9 222 - 144 05:56 - 20:54 54°	10 223 - 143 05:57 - 20:52 54°	11 224 - 142 05:59 - 20:50 53°
19 232 - 134 06:12 - 20:34 51°	20 233 - 133 06:13 - 20:32 51°	21 234 - 132 06:15 - 20:30 50°	15 228 - 138 06:05 - 20:42 52°	16 229 - 137 06:07 - 20:40 52°	17 230 - 136 06:09 - 20:38 52°	18 231 - 135 06:10 - 20:36 51°
26 239 - 127 06:23 - 20:19 48°	27 240 - 126 06:25 - 20:17 48°	28 241 - 125 06:26 - 20:14 48°	22 235 - 131 06:17 - 20:27 50°	23 236 - 130 06:18 - 20:25 50°	24 237 - 129 06:20 - 20:23 49°	25 238 - 128 06:21 - 20:21 49°

31

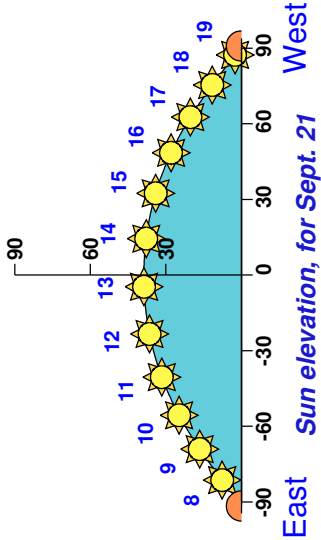
32

33

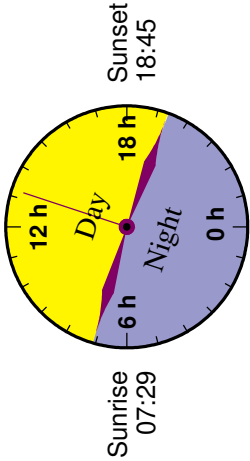
34

35

September 2024



Katlenburg-Lindau
10.1°E, 51.68°N



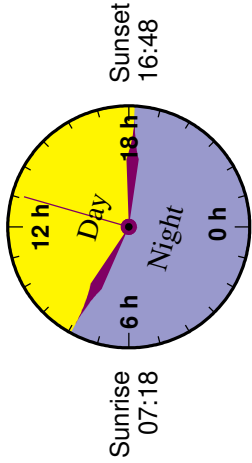
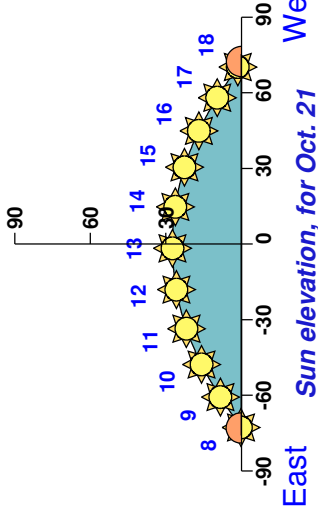
Sun elevation, for Sept. 21

Duration of the day, for September 21

Sunrise and Sunset at Katlenburg-Lindau (TL ± 1 mn) and sun maximal elevation (°)

Monday		Tuesday		Wednesday		Thursday		Friday		Saturday		Sunday	
2	246 - 120 06:34 - 20:03 46°	3	247 - 119 06:36 - 20:01 46°	4	248 - 118 06:37 - 19:59 45°	5	249 - 117 06:39 - 19:56 45°	6	250 - 116 06:41 - 19:54 44°	7	251 - 115 06:42 - 19:52 44°	8	252 - 114 06:44 - 19:50 44°
9	253 - 113 06:45 - 19:47 43°	10	254 - 112 06:47 - 19:45 43°	11	255 - 111 06:49 - 19:43 43°	12	256 - 110 06:50 - 19:40 42°	13	257 - 109 06:52 - 19:38 42°	14	258 - 108 06:54 - 19:36 41°	15	259 - 107 06:55 - 19:33 41°
16	260 - 106 06:57 - 19:31 41°	17	261 - 105 06:58 - 19:29 40°	18	262 - 104 07:00 - 19:27 40°	19	263 - 103 07:02 - 19:24 40°	20	264 - 102 07:03 - 19:22 39°	21	265 - 101 07:05 - 19:20 39°	22	266 - 100 07:06 - 19:17 38°
23	267 - 99 07:08 - 19:15 38°	24	268 - 98 07:10 - 19:13 38°	25	269 - 97 07:11 - 19:10 37°	26	270 - 96 07:13 - 19:08 37°	27	271 - 95 07:15 - 19:06 36°	28	272 - 94 07:16 - 19:03 36°	29	273 - 93 07:18 - 19:01 36°
30	274 - 92 07:19 - 18:59 35°												

October 2024



Katlenburg-Lindau

10.1°E, 51.68°N

Sun elevation, for Oct. 21

Duration of the day, for October 21

Sunrise and Sunset at Katlenburg-Lindau (TL ± 1 mn) and sun maximal elevation (°)

Time change October 27

Monday Tuesday Wednesday Thursday Friday Saturday Sunday

7 281 - 85 07:31 - 18:43 33°	1 275 - 91 07:21 - 18:56 35°	2 276 - 90 07:23 - 18:54 34°	3 277 - 89 07:24 - 18:52 34°	4 278 - 88 07:26 - 18:50 34°	5 279 - 87 07:28 - 18:47 33°	6 280 - 86 07:29 - 18:45 33°
14 288 - 78 07:43 - 18:28 30°	8 282 - 84 07:33 - 18:41 32°	9 283 - 83 07:34 - 18:38 32°	10 284 - 82 07:36 - 18:36 31°	11 285 - 81 07:38 - 18:34 31°	12 286 - 80 07:40 - 18:32 31°	13 287 - 79 07:41 - 18:30 30°
21 295 - 71 07:55 - 18:13 27°	15 289 - 77 07:45 - 18:25 30°	16 290 - 76 07:46 - 18:23 29°	17 291 - 75 07:48 - 18:21 29°	18 292 - 74 07:50 - 18:19 28°	19 293 - 73 07:52 - 18:17 28°	20 294 - 72 07:53 - 18:15 28°
28 302 - 64 07:07 - 16:59 25°	29 303 - 63 07:09 - 16:57 25°	30 304 - 62 07:11 - 16:55 24°	31 305 - 61 07:13 - 16:53 24°	25 299 - 67 08:02 - 18:05 26°	26 300 - 66 08:04 - 18:03 26°	27 301 - 65 07:06 - 17:01 25°

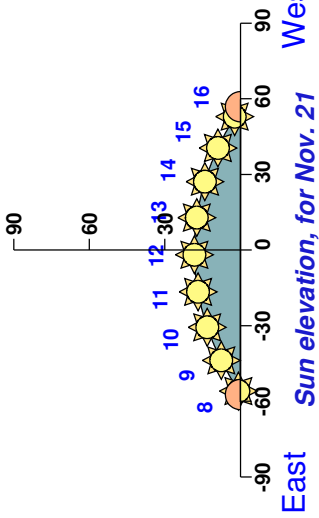
40

41

42

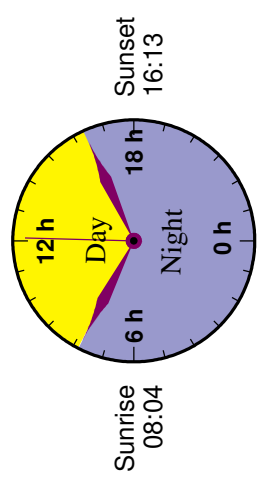
43

44



November 2024

Katlenburg-Lindau
10.1°E, 51.68°N



East West
Sun elevation, for Nov. 21

Duration of the day, for November 21

Sunrise and Sunset at Katlenburg-Lindau (TL ± 1 mn) and sun maximal elevation (°)

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

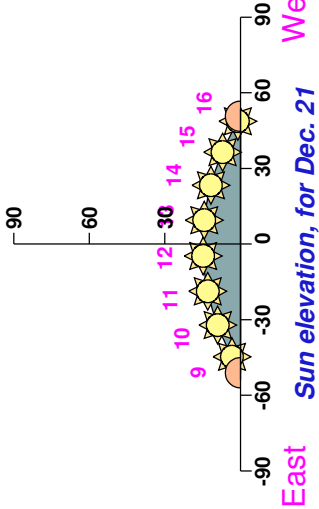
44

45

46

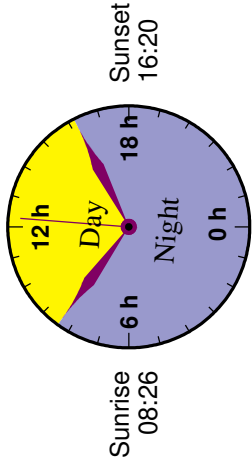
47

48



December 2024

Katlenburg-Lindau
10.1°E, 51.68°N



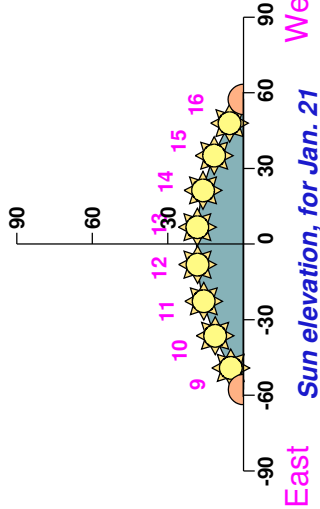
East Sun elevation, for Dec. 21

Duration of the day, for December 21

Sunrise and Sunset at Katlenburg-Lindau (TL ± 1 mn) and sun maximal elevation ($^{\circ}$)

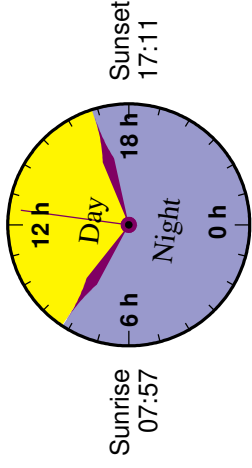
Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
2 08:06 - 16:13 16°	3 08:07 - 16:12 16°	4 08:08 - 16:12 16°	5 08:10 - 16:11 16°	6 08:11 - 16:11 16°	7 08:12 - 16:10 16°	1 08:04 - 16:13 16°
9 08:14 - 16:10 15°	10 08:15 - 16:10 15°	11 08:16 - 16:10 15°	12 08:17 - 16:10 15°	13 08:18 - 16:10 15°	14 08:19 - 16:10 15°	8 08:13 - 16:10 16°
16 08:21 - 16:10 15°	17 08:22 - 16:10 15°	18 08:22 - 16:11 15°	19 08:23 - 16:11 15°	20 08:24 - 16:12 15°	21 08:24 - 16:12 15°	15 08:20 - 16:10 15°
23 08:25 - 16:13 15°	24 08:25 - 16:14 15°	25 08:26 - 16:15 15°	26 08:26 - 16:15 15°	27 08:26 - 16:16 15°	28 08:26 - 16:17 15°	22 08:25 - 16:13 15°
30 08:26 - 16:19 15°	31 08:26 - 16:20 15°	25 08:26 - 16:15 15°	26 08:26 - 16:15 15°	27 08:26 - 16:16 15°	28 08:26 - 16:17 15°	29 08:26 - 16:18 15°

January 2025



Katlenburg-Lindau

10.1°E, 51.68°N



East *Sun elevation, for Jan. 21*

Duration of the day, for January 21

Sunrise and Sunset at Katlenburg-Lindau (TL ± 1 mn) and sun maximal elevation (°)

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
1	6 08:25 - 16:27 16°		1 08:26 - 16:21 15°	2 08:26 - 16:22 16°	3 08:26 - 16:23 16°	4 08:26 - 16:24 16°	5 08:25 - 16:25 16°
2	13 08:21 - 16:37 17°	7 08:25 - 16:28 16°	8 08:24 - 16:29 16°	9 08:24 - 16:31 16°	10 08:23 - 16:32 16°	11 08:22 - 16:34 17°	12 08:22 - 16:35 17°
3		14 08:20 - 16:38 17°	15 08:19 - 16:40 17°	16 08:18 - 16:41 18°	17 08:17 - 16:43 18°	18 08:16 - 16:44 18°	19 08:15 - 16:46 18°
4	20 08:14 - 16:48 18°	21 08:13 - 16:50 19°	22 08:12 - 16:51 19°	23 08:11 - 16:53 19°	24 08:10 - 16:55 19°	25 08:08 - 16:56 20°	26 08:07 - 16:58 20°
5	27 08:06 - 17:00 20°	28 08:04 - 17:02 20°	29 08:03 - 17:04 21°	30 08:01 - 17:05 21°	31 08:00 - 17:07 21°		

Day duration for any cities for 2024

