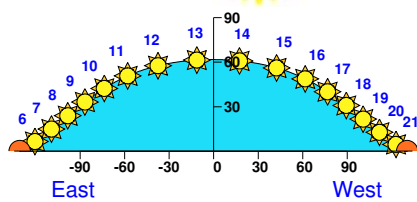


Sun Calendar 2024

Produced by *ScientiDev*
www.scientidev.fr

Katlenburg-Lindau
10.1°E, 51.68°N

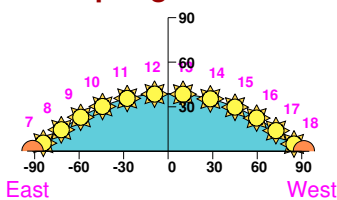
Summer



June 21

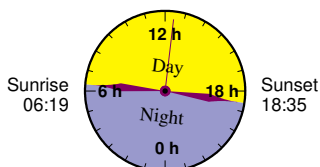


Spring



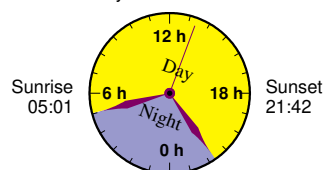
March 21

Day duration 12:16



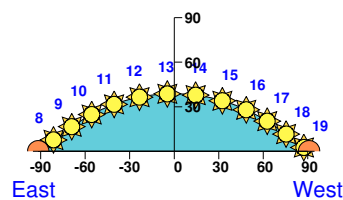
Spring Equinox

Day duration 16:41



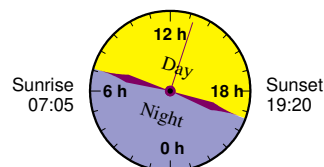
Summer Solstice

Autumn



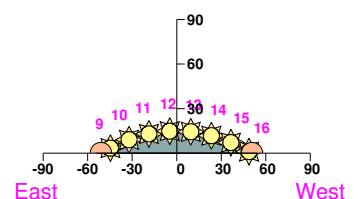
Sept. 21

Day duration 12:15



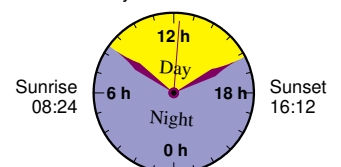
Autumn Equinox

Winter



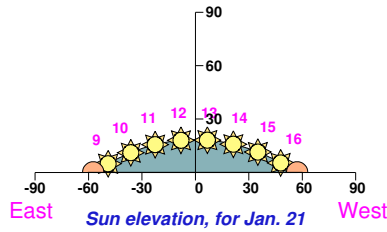
Dec. 21

Day duration 7:48



Winter Solstice

January 2024



Katlenburg-Lindau
10.1°E, 51.68°N



Duration of the day, for January 21

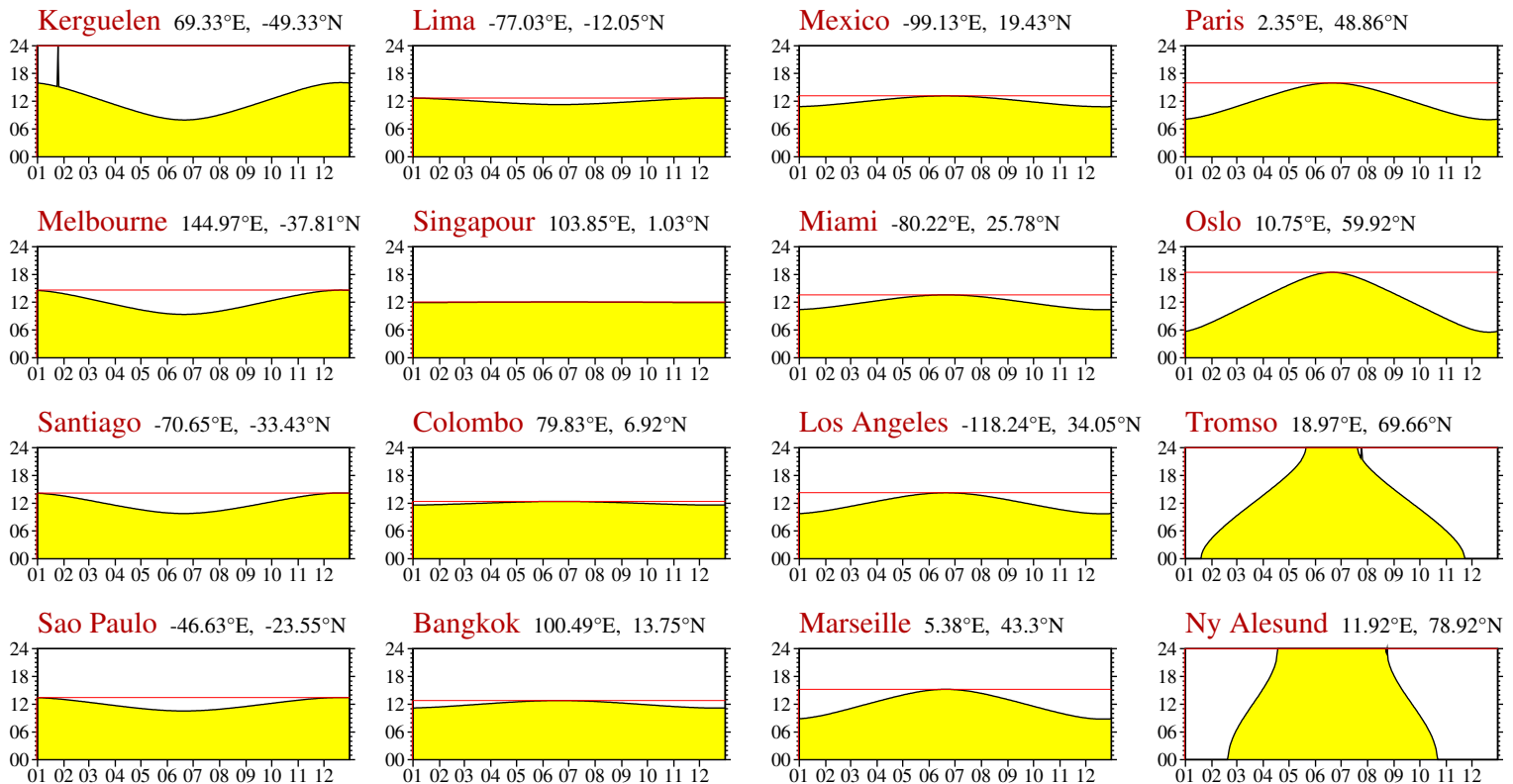
Sunrise and Sunset at Katlenburg-Lindau (TL ± 1 mn) and sun maximal elevation ($^{\circ}$)

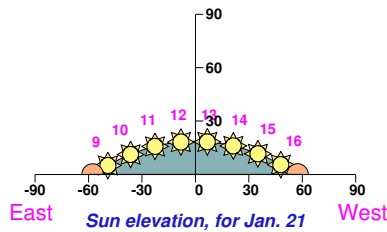
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
1	1 1 - 365 08:26 - 16:20 15°	2 2 - 364 08:26 - 16:21 15°	3 3 - 363 08:26 - 16:22 16°	4 4 - 362 08:26 - 16:23 16°	5 5 - 361 08:26 - 16:25 16°	6 6 - 360 08:25 - 16:26 16°	7 7 - 359 08:25 - 16:27 16°
2	8 8 - 358 08:24 - 16:28 16°	9 9 - 357 08:24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

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

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

Day duration for any cities for 2024





January 2025

Katlenburg-Lindau
10.1°E, 51.68°N



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

Duration of the day, for January 21

Monday

Tuesday

Wednesday

Thursday

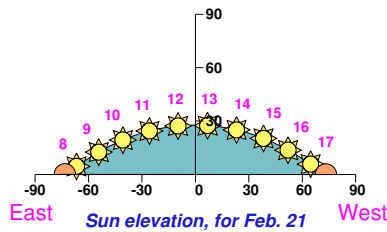
Friday

Saturday

Sunday

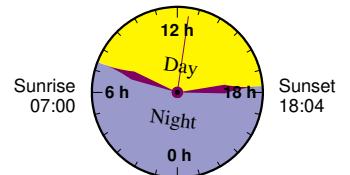
		1 1 - 365 08:26 - 16:21 15°	2 2 - 363 08:26 - 16:22 16°	3 3 - 362 08:26 - 16:23 16°	4 4 - 361 08:26 - 16:24 16°	5 5 - 360 08:25 - 16:25 16°
6 6 - 359 08:25 - 16:27 16°	7 7 - 358 08:25 - 16:28 16°	8 8 - 357 08:24 - 16:29 16°	9 9 - 356 08:24 - 16:31 16°	10 10 - 355 08:23 - 16:32 16°	11 11 - 354 08:22 - 16:34 17°	12 12 - 353 08:22 - 16:35 17°
13 13 - 352 08:21 - 16:37 17°	14 14 - 351 08:20 - 16:38 17°	15 15 - 350 08:19 - 16:40 17°	16 16 - 349 08:18 - 16:41 18°	17 17 - 348 08:17 - 16:43 18°	18 18 - 347 08:16 - 16:44 18°	19 19 - 346 08:15 - 16:46 18°
20 20 - 345 08:14 - 16:48 18°	21 21 - 344 08:13 - 16:50 19°	22 22 - 343 08:12 - 16:51 19°	23 23 - 342 08:11 - 16:53 19°	24 24 - 341 08:10 - 16:55 19°	25 25 - 340 08:08 - 16:56 20°	26 26 - 339 08:07 - 16:58 20°
27 27 - 338 08:06 - 17:00 20°	28 28 - 337 08:04 - 17:02 20°	29 29 - 336 08:03 - 17:04 21°	30 30 - 335 08:01 - 17:05 21°	31 31 - 334 08:00 - 17:07 21°		

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



February 2024

Katlenburg-Lindau
10.1°E, 51.68°N



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

Duration of the day, for February 21

Monday

Tuesday

Wednesday

Thursday

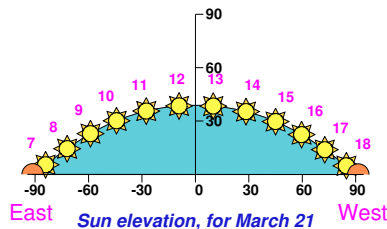
Friday

Saturday

Sunday

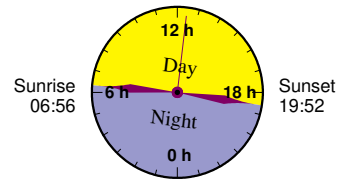
			1 32 - 334 07:59 - 17:08 21°	2 33 - 333 07:58 - 17:09 21°	3 34 - 332 07:56 - 17:11 22°	4 35 - 331 07:55 - 17:13 22°
5 36 - 330 07:53 - 17:15 22°	6 37 - 329 07:51 - 17:17 23°	7 38 - 328 07:50 - 17:19 23°	8 39 - 327 07:48 - 17:20 23°	9 40 - 326 07:46 - 17:22 24°	10 41 - 325 07:44 - 17:24 24°	11 42 - 324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

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



March 2024

Katlenburg-Lindau
10.1°E, 51.68°N



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

Time change March 31

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

9

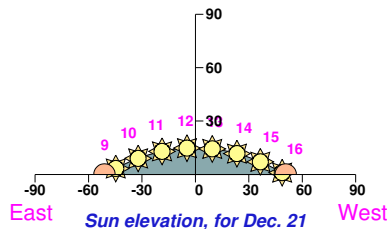
10

11

12

13

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



December 2024

Katlenburg-Lindau
10.1°E, 51.68°N



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

Duration of the day, for December 21

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

48

49

50

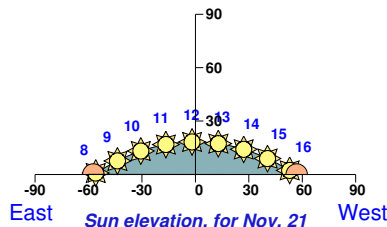
51

52

53

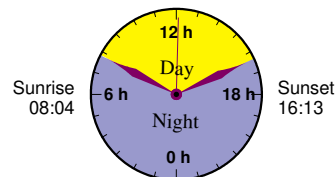
Sun Calendar © P. Robert / ScientiDev, Déc. 2014

November 2024



Katlenburg-Lindau

10.1°E, 51.68°N



Duration of the day, for November 21

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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

44

45

46

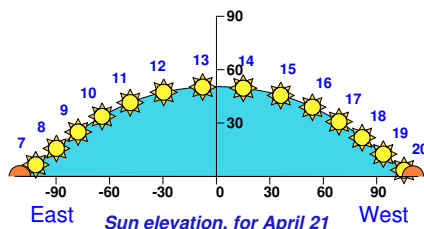
47

48

				1 306 - 60 07:14 - 16:52 24°	2 307 - 59 07:16 - 16:50 23°	3 308 - 58 07:18 - 16:48 23°
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°	8 313 - 53 07:27 - 16:40 22°	9 314 - 52 07:29 - 16:38 21°	10 315 - 51 07:30 - 16:36 21°
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°	15 320 - 46 07:39 - 16:29 20°	16 321 - 45 07:41 - 16:28 19°	17 322 - 44 07:43 - 16:27 19°
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°	22 327 - 39 07:51 - 16:21 18°	23 328 - 38 07:52 - 16:20 18°	24 329 - 37 07:54 - 16:19 18°
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°	29 334 - 32 08:02 - 16:14 17°	30 335 - 31 08:03 - 16:14 17°	

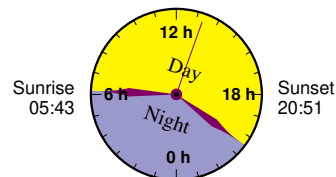
Sun Calendar © P. Robert / ScientiDev, Déc. 2014

April 2024



Katlenburg-Lindau

10.1°E, 51.68°N



Duration of the day, for April 21

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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

14

15

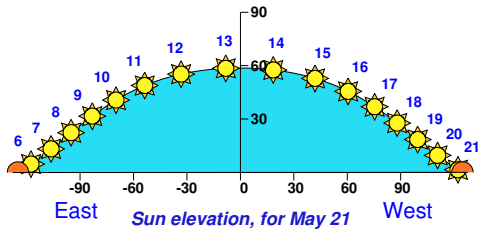
16

17

18

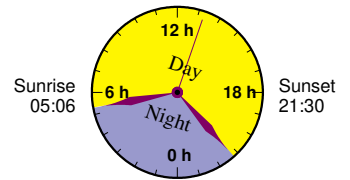
1 92 - 274 06:54 - 19:54 43°	2 93 - 273 06:52 - 19:56 44°	3 94 - 272 06:50 - 19:57 44°	4 95 - 271 06:47 - 19:59 44°	5 96 - 270 06:45 - 20:01 45°	6 97 - 269 06:43 - 20:02 45°	7 98 - 268 06:41 - 20:04 45°
8 99 - 267 06:38 - 20:06 46°	9 100 - 266 06:36 - 20:07 46°	10 101 - 265 06:34 - 20:09 47°	11 102 - 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°
15 106 - 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°
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°
29 120 - 246 05:54 - 20:41 53°	30 121 - 245 05:52 - 20:43 53°					

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



May 2024

Katlenburg-Lindau
10.1°E, 51.68°N



Duration of the day, for May 21

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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

18

19

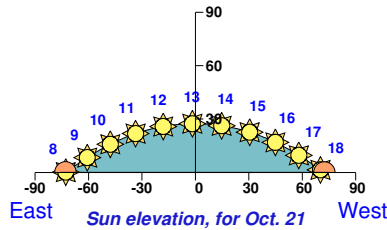
20

21

22

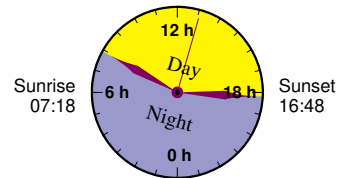
		1 122 - 244 05:50 - 20:44 54°	2 123 - 243 05:49 - 20:46 54°	3 124 - 242 05:47 - 20:48 54°	4 125 - 241 05:45 - 20:49 55°	5 126 - 240 05:43 - 20:51 55°
	6 127 - 239 05:41 - 20:52 55°	7 128 - 238 05:40 - 20:54 55°	8 129 - 237 05:38 - 20:56 56°	9 130 - 236 05:36 - 20:57 56°	10 131 - 235 05:34 - 20:59 56°	11 132 - 234 05:33 - 21:00 56°
	13 134 - 232 05:30 - 21:04 57°	14 135 - 231 05:28 - 21:05 57°	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°
	20 141 - 225 05:20 - 21:14 58°	21 142 - 224 05:18 - 21:15 59°	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°
	27 148 - 218 05:12 - 21:23 60°	28 149 - 217 05:11 - 21:24 60°	29 150 - 216 05:10 - 21:26 60°	30 151 - 215 05:09 - 21:27 60°	31 152 - 214 05:08 - 21:28 60°	26 147 - 219 05:13 - 21:22 60°

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



October 2024

Katlenburg-Lindau
10.1°E, 51.68°N



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

40

41

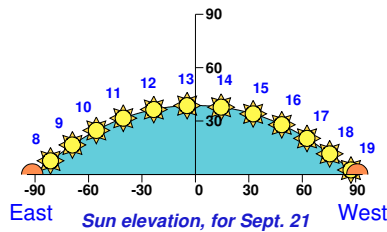
42

43

44

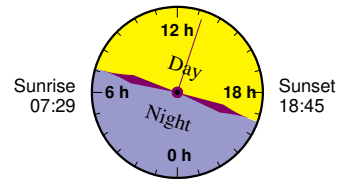
		1 275 - 91 07:21 - 18:56 35°	2 276 - 90 07:23 - 18:54 34°	3 277 - 89 07:24 - 18:52 34°	4 278 - 88 07:26 - 18:50 34°	5 279 - 87 07:28 - 18:47 33°	6 280 - 86 07:29 - 18:45 33°
	7 281 - 85 07:31 - 18:43 33°	8 282 - 84 07:33 - 18:41 32°	9 283 - 83 07:34 - 18:38 32°	10 284 - 82 07:36 - 18:36 31°	11 285 - 81 07:38 - 18:34 31°	12 286 - 80 07:40 - 18:32 31°	13 287 - 79 07:41 - 18:30 30°
	14 288 - 78 07:43 - 18:28 30°	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°
	21 295 - 71 07:55 - 18:13 27°	22 296 - 70 07:57 - 18:11 27°	23 297 - 69 07:59 - 18:09 27°	24 298 - 68 08:00 - 18:07 26°	25 299 - 67 08:02 - 18:05 26°	26 300 - 66 08:04 - 18:03 26°	27 301 - 65 07:06 - 17:01 25°
	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°			

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



September 2024

Katlenburg-Lindau
10.1°E, 51.68°N



Duration of the day, for September 21

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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

35

36

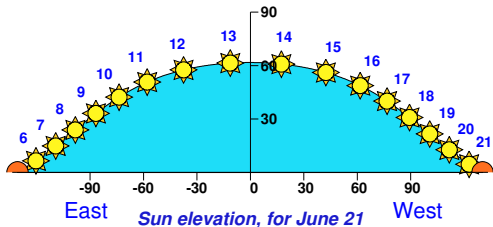
37

38

39

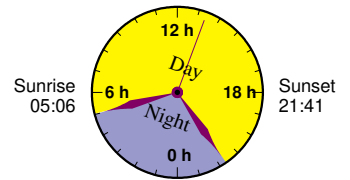
40

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



June 2024

Katlenburg-Lindau
10.1°E, 51.68°N



Duration of the day, for June 21

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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

22

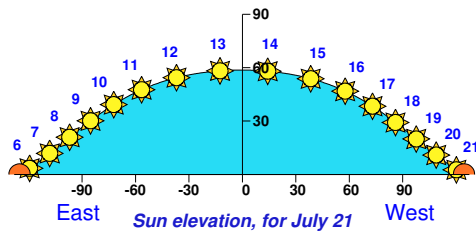
23

24

25

26

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



July 2024

Katlenburg-Lindau
10.1°E, 51.68°N

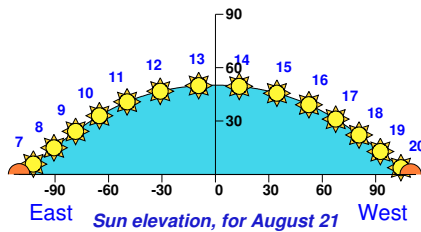


Duration of the day, for July 21

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

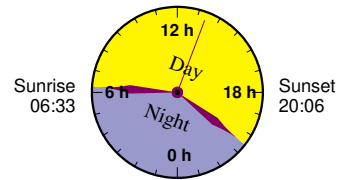
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
27	1 183 - 183 05:06 - 21:41 61°	2 184 - 182 05:07 - 21:41 61°	3 185 - 181 05:08 - 21:40 61°	4 186 - 180 05:09 - 21:40 61°	5 187 - 179 05:09 - 21:39 61°	6 188 - 178 05:10 - 21:39 61°	7 189 - 177 05:11 - 21:38 61°
28	8 190 - 176 05:12 - 21:37 61°	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°
29	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°
30	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°
31	29 211 - 155 05:39 - 21:13 57°	30 212 - 154 05:40 - 21:11 57°	31 213 - 153 05:42 - 21:09 56°				

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



August 2024

Katlenburg-Lindau
10.1°E, 51.68°N



Duration of the day, for August 21

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

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
31				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°
32	5 218 - 148 05:50 - 21:01 55°	6 219 - 147 05:51 - 20:59 55°	7 220 - 146 05:53 - 20:57 55°	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°
33	12 225 - 141 06:01 - 20:48 53°	13 226 - 140 06:02 - 20:46 53°	14 227 - 139 06:04 - 20:44 52°	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°
34	19 232 - 134 06:12 - 20:34 51°	20 233 - 133 06:13 - 20:32 51°	21 234 - 132 06:15 - 20:30 50°	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°
35	26 239 - 127 06:23 - 20:19 48°	27 240 - 126 06:25 - 20:17 48°	28 241 - 125 06:26 - 20:14 48°	29 242 - 124 06:28 - 20:12 47°	30 243 - 123 06:29 - 20:10 47°	31 244 - 122 06:31 - 20:08 47°	

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