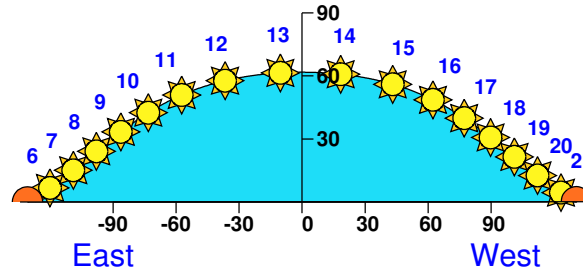


Sun Calendar 2017

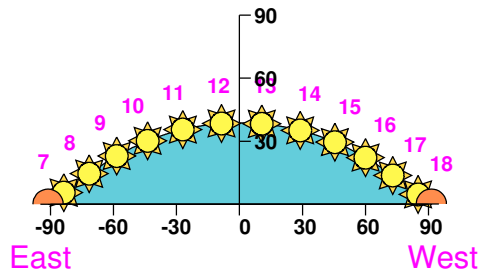
Produced by *ScientiDev*
www.scientidev.fr

Katlenburg-Lindau
10.099°E, 51.682°N

Summer

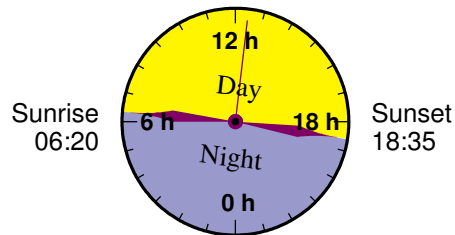


Spring



March 21

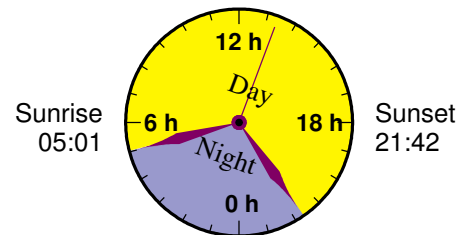
Day duration 12:15



Spring Equinox

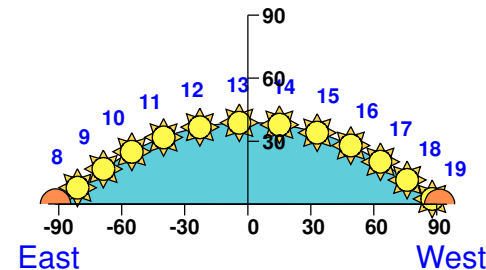
June 21

Day duration 16:40



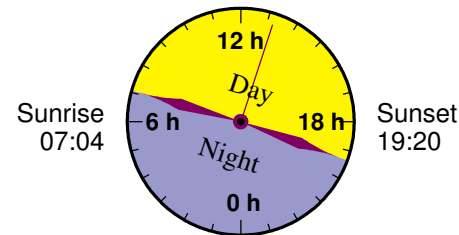
Summer Solstice

Autumn



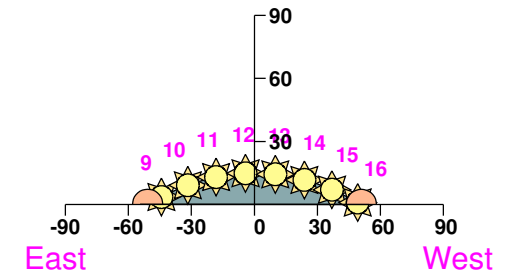
Sept. 21

Day duration 12:16



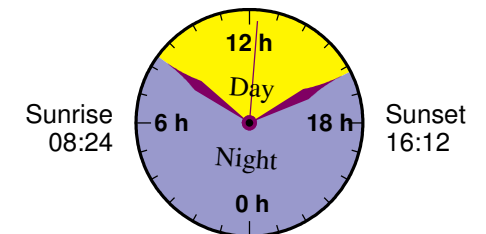
Autumn Equinox

Winter



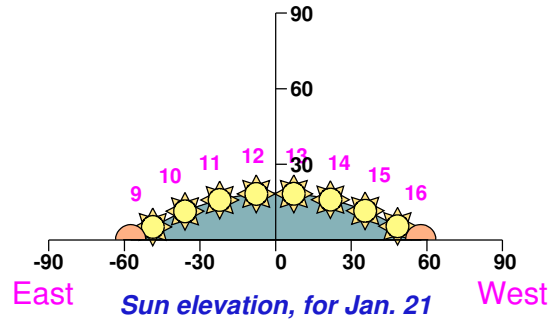
Dec. 21

Day duration 7:48

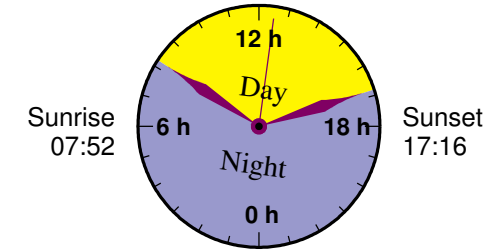


Winter Solstice

January 2017



Katlenburg-Lindau
10.099°E, 51.682°N



Duration of the day, for January 21

Sunrise and Sunset at Katlenburg-Lindau (TL $\pm$ 1 mn)

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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

1

2

3

4

5

2 2 - 363
08:26 - 16:22

7:55 +1 m. 16°

3 3 - 362
08:26 - 16:23

7:57 +2 m. 16°

4 4 - 361
08:26 - 16:24

7:58 +1 m. 16°

5 5 - 360
08:25 - 16:25

8:00 +2 m. 16°

6 6 - 359
08:25 - 16:27

8:01 +1 m. 16°

7 7 - 358
08:25 - 16:28

8:03 +2 m. 16°

8 8 - 357
08:24 - 16:29

8:05 +2 m. 16°

9 9 - 356
08:24 - 16:31

8:07 +2 m. 16°

10 10 - 355
08:23 - 16:32

8:09 +2 m. 16°

11 11 - 354
08:22 - 16:34

8:11 +2 m. 17°

12 12 - 353
08:22 - 16:35

8:13 +2 m. 17°

13 13 - 352
08:21 - 16:36

8:15 +2 m. 17°

14 14 - 351
08:20 - 16:38

8:17 +2 m. 17°

15 15 - 350
08:19 - 16:40

8:20 +3 m. 17°

16 16 - 349
08:18 - 16:41

8:22 +2 m. 18°

17 17 - 348
08:18 - 16:43

8:25 +3 m. 18°

18 18 - 347
08:17 - 16:44

8:27 +2 m. 18°

19 19 - 346
08:16 - 16:46

8:30 +3 m. 18°

20 20 - 345
08:14 - 16:48

8:33 +3 m. 18°

21 21 - 344
08:13 - 16:49

8:36 +3 m. 19°

22 22 - 343
08:12 - 16:51

8:38 +2 m. 19°

23 23 - 342
08:11 - 16:53

8:42 +4 m. 19°

24 24 - 341
08:10 - 16:55

8:44 +2 m. 19°

25 25 - 340
08:08 - 16:56

8:48 +4 m. 20°

26 26 - 339
08:07 - 16:58

8:51 +3 m. 20°

27 27 - 338
08:06 - 17:00

8:54 +3 m. 20°

28 28 - 337
08:04 - 17:02

8:57 +3 m. 20°

29 29 - 336
08:03 - 17:03

9:00 +3 m. 21°

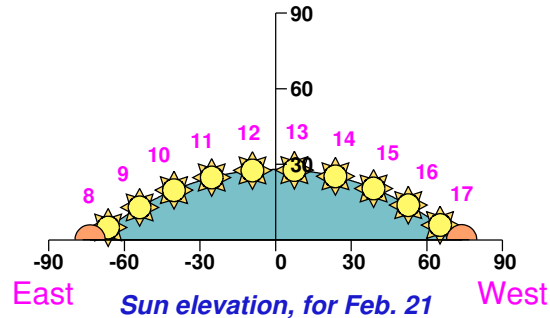
30 30 - 335
08:01 - 17:05

9:03 +3 m. 21°

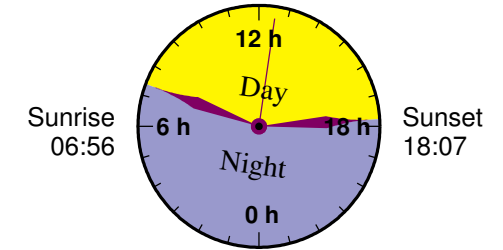
31 31 - 334
08:00 - 17:07

9:07 +4 m. 21°

February 2017



Katlenburg-Lindau
10.099°E, 51.682°N



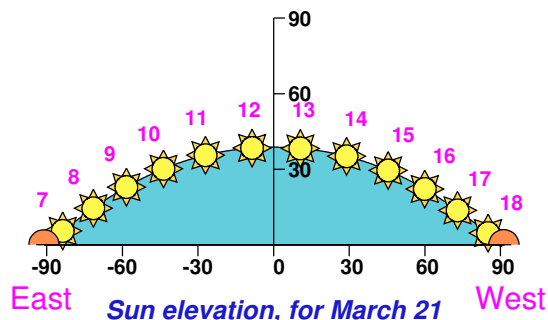
Duration of the day, for February 21

Sunrise and Sunset at Katlenburg-Lindau (TL $\pm$ 1 mn)

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

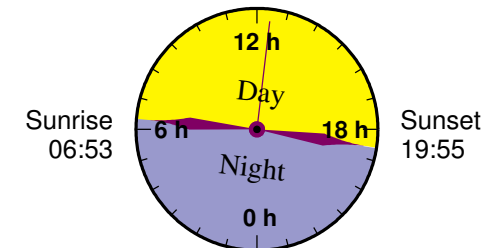
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
5			1 32 - 333 07:58 - 17:09 9:10 +3 m. 21°	2 33 - 332 07:57 - 17:11 9:13 +3 m. 22°	3 34 - 331 07:55 - 17:13 9:17 +4 m. 22°	4 35 - 330 07:54 - 17:14 9:20 +3 m. 22°	5 36 - 329 07:52 - 17:16 9:24 +4 m. 23°
6	6 37 - 328 07:50 - 17:18 9:27 +3 m. 23°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

March 2017



Katlenburg-Lindau

10.099°E, 51.682°N



Duration of the day, for March 21

Sunrise and Sunset at Katlenburg-Lindau (TL $\pm$ 1 mn)

Time change March 26

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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

9

1 60 - 305
07:05 - 18:00

10:55 +4 m. 31°

2 61 - 304
07:03 - 18:02

10:59 +4 m. 31°

3 62 - 303
07:01 - 18:04

11:03 +4 m. 32°

4 63 - 302
06:58 - 18:05

11:07 +4 m. 32°

5 64 - 301
06:56 - 18:07

11:11 +4 m. 32°

10

6 65 - 300
06:54 - 18:09

11:15 +4 m. 33°

7 66 - 299
06:52 - 18:11

11:19 +4 m. 33°

8 67 - 298
06:50 - 18:12

11:23 +4 m. 34°

9 68 - 297
06:47 - 18:14

11:27 +4 m. 34°

10 69 - 296
06:45 - 18:16

11:31 +4 m. 34°

11 70 - 295
06:43 - 18:18

11:35 +4 m. 35°

12 71 - 294
06:41 - 18:19

11:39 +4 m. 35°

11

13 72 - 293
06:38 - 18:21

11:43 +4 m. 36°

14 73 - 292
06:36 - 18:23

11:47 +4 m. 36°

15 74 - 291
06:34 - 18:25

11:51 +4 m. 36°

16 75 - 290
06:31 - 18:26

11:55 +4 m. 37°

17 76 - 289
06:29 - 18:28

11:59 +4 m. 37°

18 77 - 288
06:27 - 18:30

12:03 +4 m. 38°

19 78 - 287
06:25 - 18:31

12:07 +4 m. 38°

12

20 79 - 286
06:22 - 18:33

12:11 +4 m. 38°

21 80 - 285
06:20 - 18:35

12:15 +4 m. 39°

22 81 - 284
06:18 - 18:36

12:19 +4 m. 39°

23 82 - 283
06:15 - 18:38

12:23 +4 m. 40°

24 83 - 282
06:13 - 18:40

12:27 +4 m. 40°

25 84 - 281
06:11 - 18:42

12:31 +4 m. 40°

26 85 - 280
07:09 - 19:43

12:35 +4 m. 41°

13

27 86 - 279
07:06 - 19:45

12:39 +4 m. 41°

28 87 - 278
07:04 - 19:47

12:43 +4 m. 42°

29 88 - 277
07:02 - 19:48

12:47 +4 m. 42°

30 89 - 276
06:59 - 19:50

12:51 +4 m. 42°

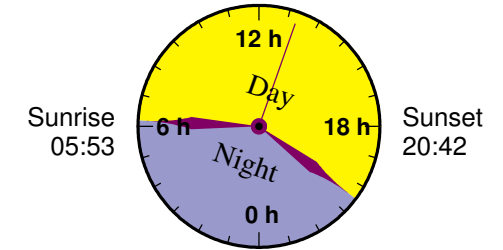
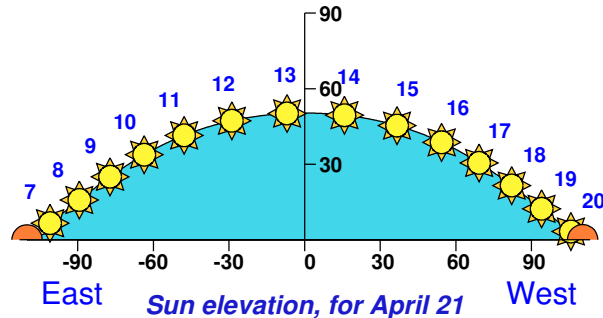
31 90 - 275
06:57 - 19:52

12:55 +4 m. 43°

April 2017

Katlenburg-Lindau

10.099°E, 51.682°N



Duration of the day, for April 21

Sunrise and Sunset at Katlenburg-Lindau (TL $\pm$ 1 mn)

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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

13

14

15

16

17

1	91 - 274 06:55 - 19:53	2	92 - 273 06:53 - 19:55
12:59	+4 m. 43°	13:03	+4 m. 43°

8	98 - 267 06:39 - 20:05	9	99 - 266 06:37 - 20:07
13:26	+4 m. 46°	13:30	+4 m. 46°

15	105 - 260 06:24 - 20:17	16	106 - 259 06:21 - 20:19
13:54	+4 m. 48°	13:57	+3 m. 49°

22	112 - 253 06:09 - 20:29	23	113 - 252 06:07 - 20:31
14:20	+4 m. 51°	14:24	+4 m. 51°

29	119 - 246 05:55 - 20:41	30	120 - 245 05:53 - 20:42
14:46	+4 m. 53°	14:49	+3 m. 53°

3	93 - 272 06:50 - 19:57	4	94 - 271 06:48 - 19:58	5	95 - 270 06:46 - 20:00	6	96 - 269 06:43 - 20:02	7	97 - 268 06:41 - 20:04
13:07	+4 m. 44°	13:10	+3 m. 44°	13:15	+5 m. 45°	13:19	+4 m. 45°	13:22	+3 m. 45°

10	100 - 265 06:35 - 20:09	11	101 - 264 06:32 - 20:10	12	102 - 263 06:30 - 20:12	13	103 - 262 06:28 - 20:14	14	104 - 261 06:26 - 20:15
13:34	+4 m. 46°	13:38	+4 m. 47°	13:42	+4 m. 47°	13:46	+4 m. 48°	13:50	+4 m. 48°

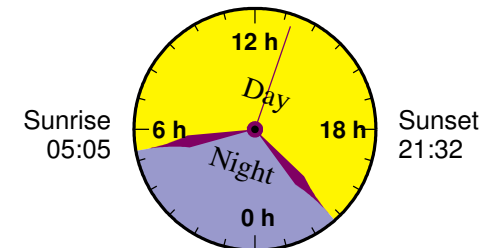
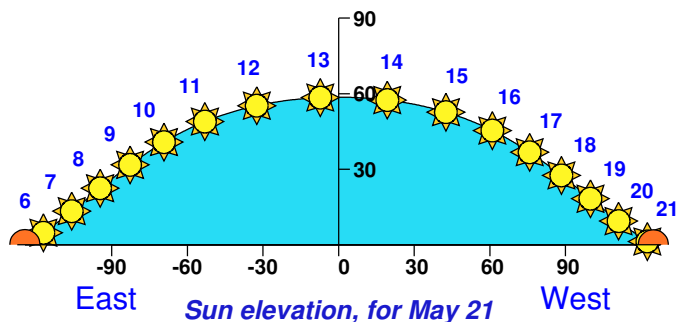
17	107 - 258 06:19 - 20:20	18	108 - 257 06:17 - 20:22	19	109 - 256 06:15 - 20:24	20	110 - 255 06:13 - 20:25	21	111 - 254 06:11 - 20:27
14:01	+4 m. 49°	14:05	+4 m. 49°	14:09	+4 m. 50°	14:13	+4 m. 50°	14:16	+3 m. 50°

24	114 - 251 06:05 - 20:32	25	115 - 250 06:03 - 20:34	26	116 - 249 06:01 - 20:36	27	117 - 248 05:59 - 20:37	28	118 - 247 05:57 - 20:39
14:28	+4 m. 51°	14:31	+3 m. 52°	14:35	+4 m. 52°	14:39	+4 m. 52°	14:42	+3 m. 53°

May 2017

Katlenburg-Lindau

10.099°E, 51.682°N



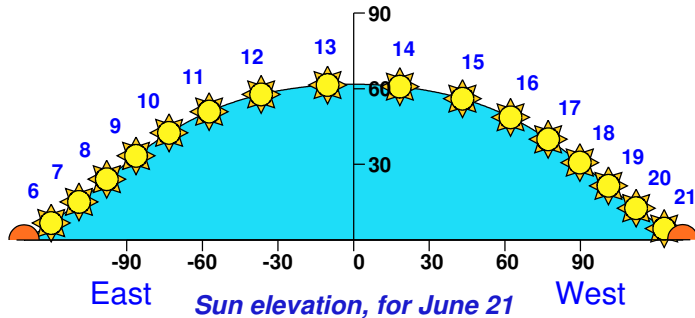
Duration of the day, for May 21

Sunrise and Sunset at Katlenburg-Lindau (TL $\pm$ 1 mn)

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

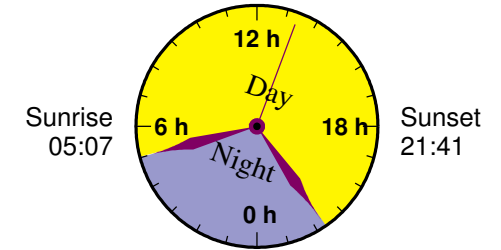
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
18	1 121 - 244 05:51 - 20:44 14:53 +4 m. 54°	2 122 - 243 05:49 - 20:45 14:56 +3 m. 54°	3 123 - 242 05:47 - 20:47 15:00 +4 m. 54°	4 124 - 241 05:45 - 20:49 15:03 +3 m. 54°	5 125 - 240 05:44 - 20:50 15:07 +4 m. 55°	6 126 - 239 05:42 - 20:52 15:10 +3 m. 55°	7 127 - 238 05:40 - 20:54 15:14 +4 m. 55°
19	8 128 - 237 05:38 - 20:55 15:17 +3 m. 56°	9 129 - 236 05:37 - 20:57 15:20 +3 m. 56°	10 130 - 235 05:35 - 20:58 15:24 +4 m. 56°	11 131 - 234 05:33 - 21:00 15:27 +3 m. 56°	12 132 - 233 05:32 - 21:02 15:30 +3 m. 57°	13 133 - 232 Polar Night 15:36 +936 m. 57°	14 134 - 231 05:29 - 21:05 15:36 +936 m. 57°
20	15 135 - 230 05:27 - 21:06 15:39 +3 m. 57°	16 136 - 229 05:26 - 21:08 15:42 +3 m. 58°	17 137 - 228 05:24 - 21:09 15:45 +3 m. 58°	18 138 - 227 05:23 - 21:11 15:48 +3 m. 58°	19 139 - 226 05:21 - 21:12 15:51 +3 m. 58°	20 140 - 225 05:20 - 21:13 15:53 +2 m. 58°	21 141 - 224 05:19 - 21:15 15:56 +3 m. 59°
21	22 142 - 223 05:18 - 21:16 15:59 +3 m. 59°	23 143 - 222 05:16 - 21:18 16:01 +2 m. 59°	24 144 - 221 05:15 - 21:19 16:04 +3 m. 59°	25 145 - 220 05:14 - 21:20 16:06 +2 m. 59°	26 146 - 219 05:13 - 21:22 16:09 +3 m. 60°	27 147 - 218 05:12 - 21:23 16:11 +2 m. 60°	28 148 - 217 05:11 - 21:24 16:13 +2 m. 60°
22	29 149 - 216 05:10 - 21:25 16:15 +2 m. 60°	30 150 - 215 05:09 - 21:26 16:17 +2 m. 60°	31 151 - 214 05:08 - 21:28 16:20 +3 m. 60°				

June 2017



Katlenburg-Lindau

10.099°E, 51.682°N



Duration of the day, for June 21

Sunrise and Sunset at Katlenburg-Lindau (TL ± 1 mn)

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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

22

1 152 - 213 05:07 - 21:29 16:21 +1 m. 60°	2 153 - 212 05:07 - 21:30 16:23 +2 m. 61°	3 154 - 211 05:06 - 21:31 16:25 +2 m. 61°	4 155 - 210 05:05 - 21:32 16:27 +2 m. 61°
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23

5 156 - 209 05:05 - 21:33 16:28 +1 m. 61°	6 157 - 208 05:04 - 21:34 16:30 +2 m. 61°	7 158 - 207 05:03 - 21:34 16:31 +1 m. 61°	8 159 - 206 05:03 - 21:35 16:32 +1 m. 61°	9 160 - 205 05:02 - 21:36 16:34 +2 m. 61°	10 161 - 204 05:02 - 21:37 16:35 +1 m. 61°	11 162 - 203 05:02 - 21:37 16:36 +1 m. 61°
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24

12 163 - 202 05:02 - 21:38 16:37 +1 m. 62°	13 164 - 201 05:01 - 21:39 16:38 +1 m. 62°	14 165 - 200 05:01 - 21:39 16:38 +0 m. 62°	15 166 - 199 05:01 - 21:40 16:39 +1 m. 62°	16 167 - 198 05:01 - 21:40 16:39 +0 m. 62°	17 168 - 197 05:01 - 21:41 16:40 +1 m. 62°	18 169 - 196 05:01 - 21:41 16:40 +0 m. 62°
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25

19 170 - 195 05:01 - 21:41 16:40 +0 m. 62°	20 171 - 194 05:01 - 21:42 16:40 +0 m. 62°	21 172 - 193 05:01 - 21:42 16:40 +0 m. 62°	22 173 - 192 05:02 - 21:42 16:40 +0 m. 62°	23 174 - 191 05:02 - 21:42 16:40 +0 m. 62°	24 175 - 190 05:02 - 21:42 16:40 +0 m. 62°	25 176 - 189 05:03 - 21:42 16:40 +0 m. 62°
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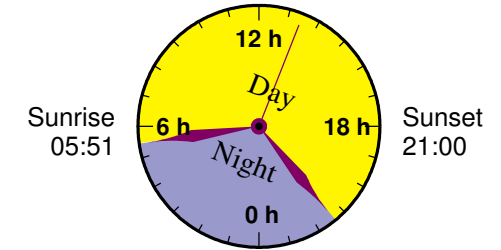
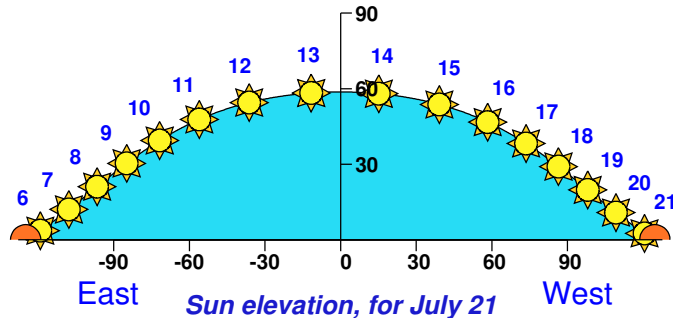
26

26 177 - 188 05:03 - 21:42 16:39 -1 m. 62°	27 178 - 187 05:04 - 21:42 16:38 -1 m. 62°	28 179 - 186 05:04 - 21:42 16:38 +0 m. 62°	29 180 - 185 05:05 - 21:42 16:37 -1 m. 62°	30 181 - 184 05:05 - 21:41 16:36 -1 m. 61°
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July 2017

Katlenburg-Lindau

10.099°E, 51.682°N



Duration of the day, for July 21

Sunrise and Sunset at Katlenburg-Lindau (TL $\pm$ 1 mn)

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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

26

27

28

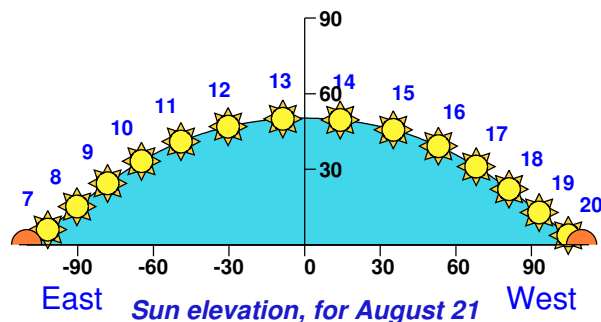
29

30

31

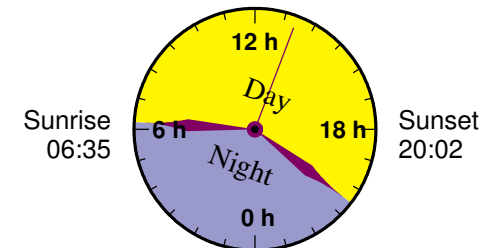
					1182 - 183 05:06 - 21:41 16:35-1 m.61°	2183 - 182 05:07 - 21:41 16:34-1 m.61°
3184 - 181 05:07 - 21:40	4185 - 180 05:08 - 21:40	5186 - 179 05:09 - 21:39	6187 - 178 05:10 - 21:39	7188 - 177 05:11 - 21:38	8189 - 176 05:12 - 21:37	9190 - 175 05:13 - 21:37
16:33-1 m.61°	16:32-1 m.61°	16:30-2 m.61°	16:29-1 m.61°	16:27-2 m.61°	16:26-1 m.61°	16:24-2 m.61°
10191 - 174 05:14 - 21:36	11192 - 173 05:15 - 21:35	12193 - 172 05:16 - 21:34	13194 - 171 05:17 - 21:33	14195 - 170 05:18 - 21:32	15196 - 169 05:19 - 21:31	16197 - 168 05:21 - 21:30
16:22-2 m.60°	16:20-2 m.60°	16:18-2 m.60°	16:16-2 m.60°	16:14-2 m.60°	16:12-2 m.60°	16:10-2 m.60°
17198 - 167 05:22 - 21:29	18199 - 166 05:23 - 21:28	19200 - 165 05:24 - 21:27	20201 - 164 05:26 - 21:26	21202 - 163 05:27 - 21:24	22203 - 162 05:28 - 21:23	23204 - 161 05:30 - 21:22
16:07-3 m.59°	16:05-2 m.59°	16:03-2 m.59°	16:00-3 m.59°	15:57-3 m.59°	15:55-2 m.59°	15:52-3 m.58°
24205 - 160 05:31 - 21:20	25206 - 159 05:33 - 21:19	26207 - 158 05:34 - 21:18	27208 - 157 05:35 - 21:16	28209 - 156 05:37 - 21:15	29210 - 155 05:38 - 21:13	30211 - 154 05:40 - 21:12
15:49-3 m.58°	15:47-2 m.58°	15:44-3 m.58°	15:41-3 m.57°	15:38-3 m.57°	15:35-3 m.57°	15:32-3 m.57°
31212 - 153 05:41 - 21:10						
15:29-3 m.56°						

August 2017



Katlenburg-Lindau

10.099°E, 51.682°N



Duration of the day, for August 21

Sunrise and Sunset at Katlenburg-Lindau (TL $\pm$ 1 mn)

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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

31

32

33

34

35

1 213 - 152
05:43 - 21:08

15:25 -4 m. 56°

2 214 - 151
05:44 - 21:07

15:22 -3 m. 56°

3 215 - 150
05:46 - 21:05

15:19 -3 m. 56°

4 216 - 149
05:48 - 21:03

15:16 -3 m. 55°

5 217 - 148
05:49 - 21:01

15:12 -4 m. 55°

6 218 - 147
05:51 - 21:00

15:09 -3 m. 55°

7 219 - 146
05:52 - 20:58

15:06 -3 m. 55°

8 220 - 145
05:54 - 20:56

15:02 -4 m. 54°

9 221 - 144
05:55 - 20:54

14:59 -3 m. 54°

10 222 - 143
05:57 - 20:52

14:55 -4 m. 54°

11 223 - 142
05:58 - 20:50

14:52 -3 m. 53°

12 224 - 141
06:00 - 20:48

14:48 -4 m. 53°

13 225 - 140
06:02 - 20:46

14:45 -3 m. 53°

14 226 - 139
06:03 - 20:44

14:41 -4 m. 53°

15 227 - 138
06:05 - 20:42

14:38 -3 m. 52°

16 228 - 137
06:06 - 20:40

14:34 -4 m. 52°

17 229 - 136
06:08 - 20:38

14:30 -4 m. 52°

18 230 - 135
06:10 - 20:36

14:27 -3 m. 51°

19 231 - 134
06:11 - 20:34

14:23 -4 m. 51°

20 232 - 133
06:13 - 20:32

14:19 -4 m. 51°

21 233 - 132
06:14 - 20:30

14:16 -3 m. 50°

22 234 - 131
06:16 - 20:28

14:12 -4 m. 50°

23 235 - 130
06:18 - 20:26

14:08 -4 m. 50°

24 236 - 129
06:19 - 20:24

14:05 -3 m. 49°

25 237 - 128
06:21 - 20:22

14:01 -4 m. 49°

26 238 - 127
06:23 - 20:19

13:57 -4 m. 49°

27 239 - 126
06:24 - 20:17

13:53 -4 m. 48°

28 240 - 125
06:26 - 20:15

13:49 -4 m. 48°

29 241 - 124
06:27 - 20:13

13:46 -3 m. 48°

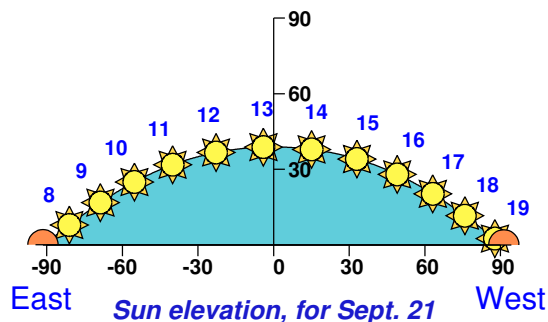
30 242 - 123
06:29 - 20:11

13:42 -4 m. 47°

31 243 - 122
06:31 - 20:08

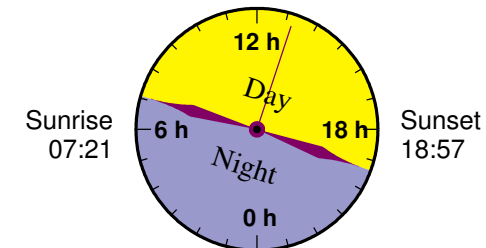
13:38 -4 m. 47°

September 2017



Katlenburg-Lindau

10.099°E, 51.682°N



Duration of the day, for September 21

Sunrise and Sunset at Katlenburg-Lindau (TL $\pm$ 1 mn)

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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

35

36

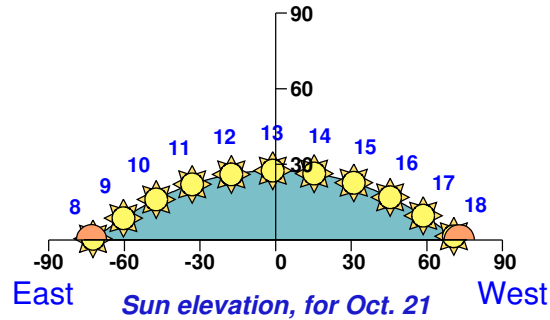
37

38

39

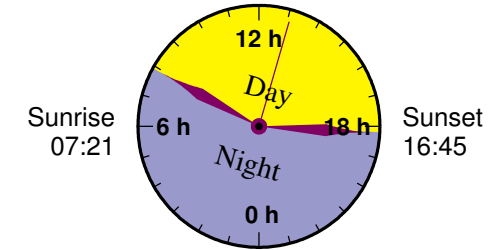
4 247 - 118 06:37 - 19:59 13:23-3 m.45°	5 248 - 117 06:39 - 19:57 13:19-4 m.45°	6 249 - 116 06:40 - 19:55 13:15-4 m.45°	7 250 - 115 06:42 - 19:53 13:11-4 m.44°	8 251 - 114 06:43 - 19:50 13:07-4 m.44°	9 252 - 113 06:45 - 19:48 13:03-4 m.43°	10 253 - 112 06:47 - 19:46 12:59-4 m.43°
11 254 - 111 06:48 - 19:43 12:55-4 m.43°	12 255 - 110 06:50 - 19:41 12:51-4 m.42°	13 256 - 109 06:51 - 19:39 12:47-4 m.42°	14 257 - 108 06:53 - 19:36 12:43-4 m.42°	15 258 - 107 06:55 - 19:34 12:40-3 m.41°	16 259 - 106 06:56 - 19:32 12:36-4 m.41°	17 260 - 105 06:58 - 19:30 12:32-4 m.40°
18 261 - 104 06:59 - 19:27 12:28-4 m.40°	19 262 - 103 07:01 - 19:25 12:24-4 m.40°	20 263 - 102 07:03 - 19:23 12:20-4 m.39°	21 264 - 101 07:04 - 19:20 12:16-4 m.39°	22 265 - 100 07:06 - 19:18 12:12-4 m.38°	23 266 - 99 07:08 - 19:16 12:08-4 m.38°	24 267 - 98 07:09 - 19:13 12:04-4 m.38°
25 268 - 97 07:11 - 19:11 12:00-4 m.37°	26 269 - 96 07:12 - 19:09 11:56-4 m.37°	27 270 - 95 07:14 - 19:06 11:52-4 m.37°	28 271 - 94 07:16 - 19:04 11:48-4 m.36°	29 272 - 93 07:17 - 19:02 11:45-3 m.36°	30 273 - 92 07:19 - 18:59 11:41-4 m.35°	

October 2017



Katlenburg-Lindau

10.099°E, 51.682°N



Duration of the day, for October 21

Sunrise and Sunset at Katlenburg-Lindau (TL ± 1 mn)

Time change October 29

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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

39

40

41

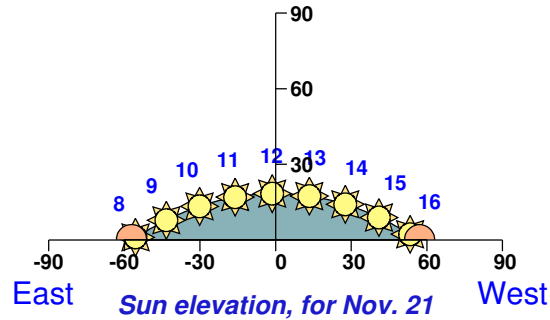
42

43

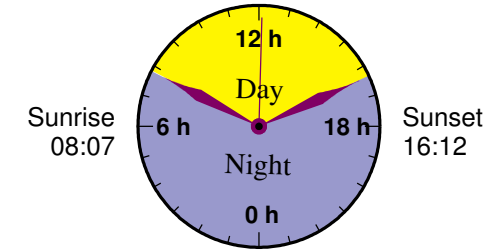
44

	2 275 - 90 07:22 - 18:55 11:33 -4 m. 35°	3 276 - 89 07:24 - 18:53 11:29 -4 m. 34°	4 277 - 88 07:26 - 18:50 11:25 -4 m. 34°	5 278 - 87 07:27 - 18:48 11:21 -4 m. 33°	6 279 - 86 07:29 - 18:46 11:17 -4 m. 33°	7 280 - 85 07:31 - 18:44 11:13 -4 m. 33°	8 281 - 84 07:32 - 18:41 11:09 -4 m. 32°
	9 282 - 83 07:34 - 18:39 11:05 -4 m. 32°	10 283 - 82 07:36 - 18:37 11:01 -4 m. 32°	11 284 - 81 07:37 - 18:35 10:58 -3 m. 31°	12 285 - 80 07:39 - 18:33 10:54 -4 m. 31°	13 286 - 79 07:41 - 18:30 10:50 -4 m. 30°	14 287 - 78 07:42 - 18:28 10:46 -4 m. 30°	15 288 - 77 07:44 - 18:26 10:42 -4 m. 30°
	16 289 - 76 07:46 - 18:24 10:38 -4 m. 29°	17 290 - 75 07:48 - 18:22 10:34 -4 m. 29°	18 291 - 74 07:49 - 18:20 10:30 -4 m. 29°	19 292 - 73 07:51 - 18:18 10:27 -3 m. 28°	20 293 - 72 07:53 - 18:15 10:23 -4 m. 28°	21 294 - 71 07:55 - 18:13 10:19 -4 m. 28°	22 295 - 70 07:56 - 18:11 10:15 -4 m. 27°
	23 296 - 69 07:58 - 18:09 10:11 -4 m. 27°	24 297 - 68 08:00 - 18:07 10:08 -3 m. 26°	25 298 - 67 08:02 - 18:05 10:04 -4 m. 26°	26 299 - 66 08:03 - 18:03 10:00 -4 m. 26°	27 300 - 65 08:05 - 18:01 9:56 -4 m. 25°	28 301 - 64 08:07 - 18:00 9:52 -4 m. 25°	29 302 - 63 07:09 - 16:58 9:49 -3 m. 25°
	30 303 - 62 07:10 - 16:56 9:45 -4 m. 24°	31 304 - 61 07:12 - 16:54 9:41 -4 m. 24°					

November 2017



Katlenburg-Lindau
10.099°E, 51.682°N



Duration of the day, for November 21

Sunrise and Sunset at Katlenburg-Lindau (TL $\pm$ 1 mn)

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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

44

1 305 - 60 07:14 - 16:52 9:38 -3 m. 24°	2 306 - 59 07:16 - 16:50 9:34 -4 m. 23°	3 307 - 58 07:17 - 16:48 9:31 -3 m. 23°	4 308 - 57 07:19 - 16:47 9:27 -4 m. 23°	5 309 - 56 07:21 - 16:45 9:24 -3 m. 23°
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45

6 310 - 55 07:23 - 16:43 9:20 -4 m. 22°	7 311 - 54 07:25 - 16:42 9:17 -3 m. 22°	8 312 - 53 07:26 - 16:40 9:13 -4 m. 22°	9 313 - 52 07:28 - 16:38 9:10 -3 m. 21°	10 314 - 51 07:30 - 16:37 9:07 -3 m. 21°	11 315 - 50 07:32 - 16:35 9:03 -4 m. 21°	12 316 - 49 07:33 - 16:34 9:00 -3 m. 21°
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46

13 317 - 48 07:35 - 16:32 8:57 -3 m. 20°	14 318 - 47 07:37 - 16:31 8:54 -3 m. 20°	15 319 - 46 07:39 - 16:30 8:51 -3 m. 20°	16 320 - 45 07:40 - 16:28 8:48 -3 m. 20°	17 321 - 44 07:42 - 16:27 8:44 -4 m. 19°	18 322 - 43 07:44 - 16:26 8:42 -2 m. 19°	19 323 - 42 07:45 - 16:24 8:39 -3 m. 19°
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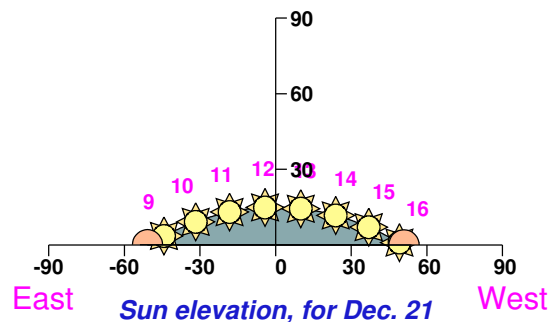
47

20 324 - 41 07:47 - 16:23 8:36 -3 m. 19°	21 325 - 40 07:49 - 16:22 8:33 -3 m. 18°	22 326 - 39 07:50 - 16:21 8:30 -3 m. 18°	23 327 - 38 07:52 - 16:20 8:28 -2 m. 18°	24 328 - 37 07:54 - 16:19 8:25 -3 m. 18°	25 329 - 36 07:55 - 16:18 8:23 -2 m. 18°	26 330 - 35 07:57 - 16:17 8:20 -3 m. 17°
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48

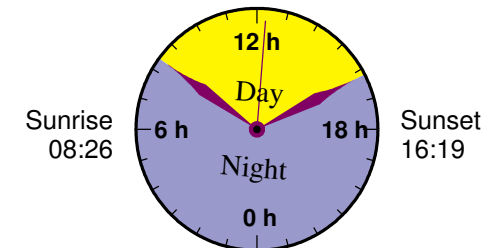
27 331 - 34 07:58 - 16:16 8:18 -2 m. 17°	28 332 - 33 08:00 - 16:15 8:15 -3 m. 17°	29 333 - 32 08:01 - 16:15 8:13 -2 m. 17°	30 334 - 31 08:03 - 16:14 8:11 -2 m. 17°
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December 2017



Katlenburg-Lindau

10.099°E, 51.682°N



Duration of the day, for December 21

Sunrise and Sunset at Katlenburg-Lindau (TL $\pm$ 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 08:08 - 16:12 8:03-2 m.16°	5 339 - 26 08:09 - 16:11 8:01-2 m.16°	6 340 - 25 08:11 - 16:11 8:00-1 m.16°	7 341 - 24 08:12 - 16:11 7:58-2 m.16°	8 342 - 23 08:13 - 16:10 7:57-1 m.16°	9 343 - 22 08:14 - 16:10 7:56-1 m.16°	10 344 - 21 08:15 - 16:10 7:54-2 m.15°
11 345 - 20 08:16 - 16:10 7:53-1 m.15°	12 346 - 19 08:17 - 16:10 7:52-1 m.15°	13 347 - 18 08:18 - 16:10 7:51-1 m.15°	14 348 - 17 08:19 - 16:10 7:50-1 m.15°	15 349 - 16 08:20 - 16:10 7:50+0 m.15°	16 350 - 15 08:21 - 16:10 7:49-1 m.15°	17 351 - 14 08:21 - 16:10 7:49+0 m.15°
18 352 - 13 08:22 - 16:11 7:48-1 m.15°	19 353 - 12 08:23 - 16:11 7:48+0 m.15°	20 354 - 11 08:23 - 16:11 7:48+0 m.15°	21 355 - 10 08:24 - 16:12 7:48+0 m.15°	22 356 - 9 08:24 - 16:12 7:48+0 m.15°	23 357 - 8 08:25 - 16:13 7:48+0 m.15°	24 358 - 7 08:25 - 16:14 7:48+0 m.15°
25 359 - 6 08:26 - 16:14 7:48+0 m.15°	26 360 - 5 08:26 - 16:15 7:49+1 m.15°	27 361 - 4 08:26 - 16:16 7:49+0 m.15°	28 362 - 3 08:26 - 16:17 7:50+1 m.15°	29 363 - 2 08:26 - 16:18 7:51+1 m.15°	30 364 - 1 08:26 - 16:18 7:52+1 m.15°	31 365 - 0 08:26 - 16:19 7:53+1 m.15°