

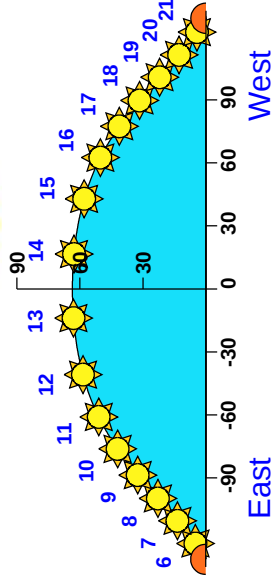
Sun Calendar 2016

Produced by *ScientiDev*
www.scientidev.fr

Darmstadt
8.65°E, 49.87°N



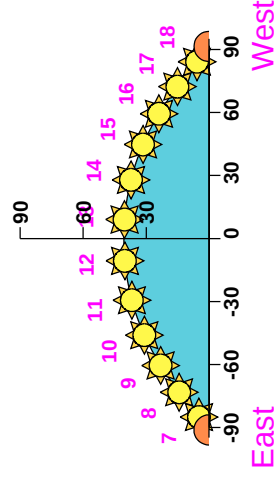
Summer



June 21

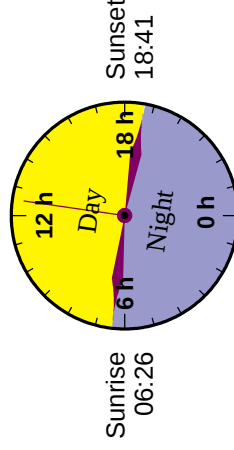


Spring



March 21

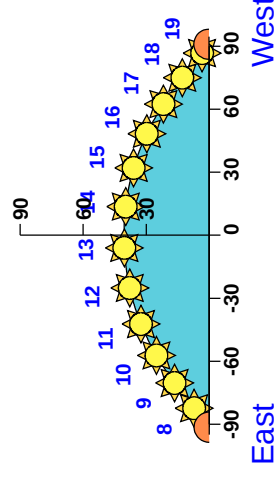
Day duration 12:15



Spring Equinox

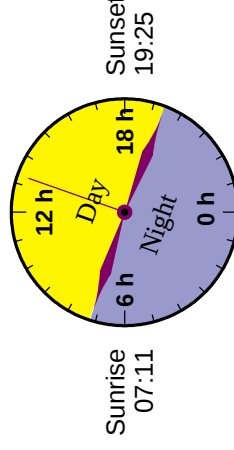


Autumn



Sept. 21

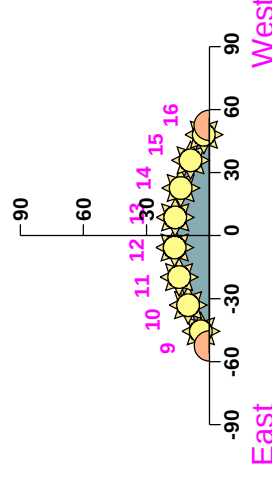
Day duration 12:14



Autumn Equinox

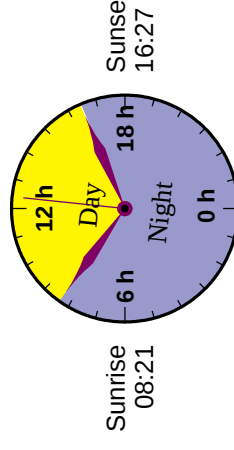


Winter



Dec. 21

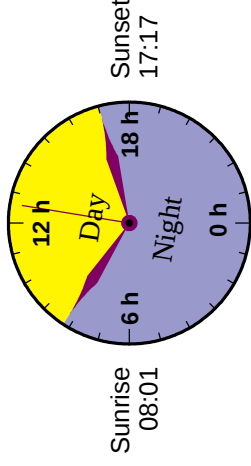
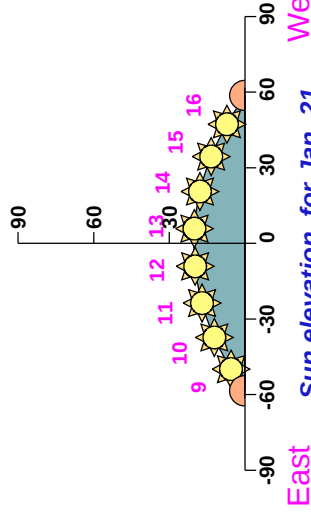
Day duration 8:05



Winter Solstice

January 2016

Darmstadt
8.65°E, 49.87°N



East Sun elevation, for Jan. 21 **West**

Duration of the day, for January 21

Sunrise and Sunset at Darmstadt (TL ± 1 mn)

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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

1

2

3

4

5

4	4 - 362 08:23 - 16:38	8:14	+1 m.	17°
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11	11 - 355 08:21 - 16:46	8:25	+2 m.	18°
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18	18 - 348 08:16 - 16:56	8:40	+2 m.	20°
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25	25 - 341 08:09 - 17:07	8:58	+2 m.	21°
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5	5 - 361 08:23 - 16:39	8:15	+1 m.	18°
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12	12 - 354 08:20 - 16:48	8:27	+2 m.	18°
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19	19 - 347 08:15 - 16:58	8:42	+2 m.	20°
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26	26 - 340 08:07 - 17:09	9:01	+3 m.	21°
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6	6 - 360 08:23 - 16:40	8:17	+2 m.	18°
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13	13 - 353 08:20 - 16:49	8:29	+2 m.	19°
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20	20 - 346 08:14 - 16:59	8:45	+3 m.	20°
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27	27 - 339 08:06 - 17:11	9:04	+3 m.	22°
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7	7 - 359 08:22 - 16:41	8:18	+1 m.	18°
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14	14 - 352 08:19 - 16:50	8:31	+2 m.	19°
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21	21 - 345 08:13 - 17:01	8:48	+3 m.	20°
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28	28 - 338 08:05 - 17:12	9:07	+3 m.	22°
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1	1 - 364 08:24 - 16:34	8:10	+1 m.	17°
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8	8 - 358 08:22 - 16:42	8:20	+2 m.	18°
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15	15 - 351 08:18 - 16:52	8:33	+2 m.	19°
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22	22 - 344 08:12 - 17:03	8:50	+2 m.	20°
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29	29 - 337 08:04 - 17:14	9:10	+3 m.	22°
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2	2 - 364 08:23 - 16:35	8:12	+2 m.	17°
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9	9 - 357 08:22 - 16:44	8:22	+2 m.	18°
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16	16 - 350 08:17 - 16:53	8:35	+2 m.	19°
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23	23 - 343 08:11 - 17:04	8:53	+3 m.	21°
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30	30 - 336 08:02 - 17:16	9:13	+3 m.	22°
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3	3 - 363 08:23 - 16:36	8:13	+1 m.	17°
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10	10 - 356 08:21 - 16:45	8:23	+1 m.	18°
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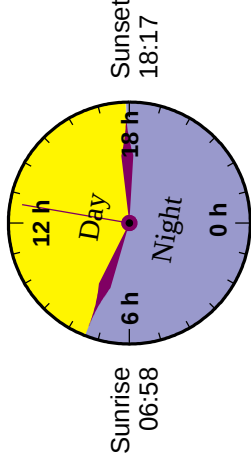
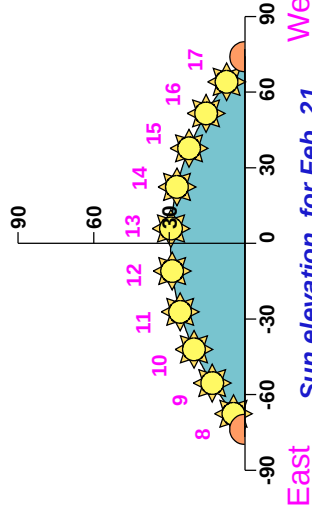
17	17 - 349 08:17 - 16:55	8:38	+3 m.	19°
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24	24 - 342 08:10 - 17:06	8:56	+3 m.	21°
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31	31 - 335 08:01 - 17:17	9:16	+3 m.	23°
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February 2016

Darmstadt
8.65°E, 49.87°N



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

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

Sunrise and Sunset at Darmstadt (TL ± 1 mn)

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

1	32 - 334 08:00 - 17:19	23°
6	9:19 +3 m.	23°

8	39 - 327 07:49 - 17:31	25°
7	9:42 +4 m.	25°

15	46 - 320 07:37 - 17:43	27°
8	10:06 +3 m.	27°

22	53 - 313 07:24 - 17:55	30°
9	10:31 +3 m.	30°

29	60 - 306 07:10 - 18:07	32°
10	10:57 +4 m.	32°

2	33 - 333 07:58 - 17:21	23°
2	9:22 +3 m.	23°

9	40 - 326 07:47 - 17:33	25°
9	9:45 +3 m.	25°

16	47 - 319 07:35 - 17:45	28°
16	10:10 +4 m.	28°

23	54 - 312 07:22 - 17:57	30°
23	10:35 +4 m.	30°

3	34 - 332 07:57 - 17:23	24°
3	9:25 +3 m.	24°

10	41 - 325 07:46 - 17:35	26°
10	9:48 +3 m.	26°

17	48 - 318 07:33 - 17:47	28°
17	10:13 +3 m.	28°

24	55 - 311 07:20 - 17:58	31°
24	10:38 +3 m.	31°

4	35 - 331 07:55 - 17:24	24°
4	9:29 +4 m.	24°

11	42 - 324 07:44 - 17:36	26°
11	9:52 +4 m.	26°

18	49 - 317 07:32 - 17:48	28°
18	10:17 +4 m.	28°

25	56 - 310 07:18 - 18:00	31°
25	10:42 +4 m.	31°

5	36 - 330 07:54 - 17:26	24°
5	9:32 +3 m.	24°

12	43 - 323 07:42 - 17:38	26°
12	9:55 +3 m.	26°

19	50 - 316 07:30 - 17:50	29°
19	10:20 +3 m.	29°

26	57 - 309 07:16 - 18:02	31°
26	10:46 +4 m.	31°

6	37 - 329 07:52 - 17:28	24°
6	9:35 +3 m.	24°

13	44 - 322 07:41 - 17:40	27°
13	9:59 +4 m.	27°

20	51 - 315 07:28 - 17:52	29°
20	10:24 +4 m.	29°

27	58 - 308 07:14 - 18:03	32°
27	10:49 +3 m.	32°

7	38 - 328 07:51 - 17:29	25°
7	9:38 +3 m.	25°

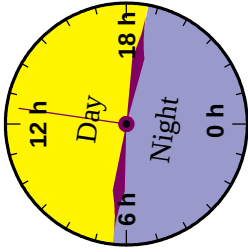
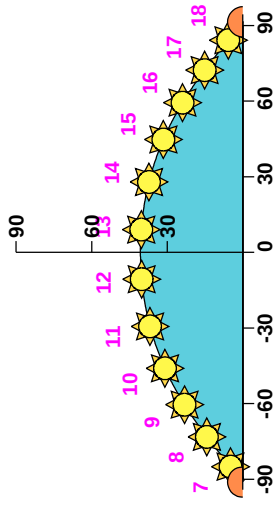
14	45 - 321 07:39 - 17:41	27°
14	10:03 +4 m.	27°

21	52 - 314 07:26 - 17:53	29°
21	10:28 +4 m.	29°

28	59 - 307 07:12 - 18:05	32°
28	10:53 +4 m.	32°

March 2016

Darmstadt
8.65°E, 49.87°N



East Sun elevation, for March 21

West

Duration of the day, for March 21

Sunrise and Sunset at Darmstadt (TL ± 1 mn)

Time change March 27

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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

10

11

12

13

14

7	67 - 299 06:56 - 18:18	11:23	+4 m.	35°
14	74 - 292 06:41 - 18:30	11:49	+4 m.	38°

1	61 - 305 07:08 - 18:08	11:00	+3 m.	33°
8	68 - 298 06:54 - 18:20	11:26	+3 m.	36°

2	62 - 304 07:06 - 18:10	11:04	+4 m.	33°
9	69 - 297 06:51 - 18:21	11:30	+4 m.	36°

3	63 - 303 07:04 - 18:12	11:08	+4 m.	34°
10	70 - 296 06:49 - 18:23	11:34	+4 m.	36°

4	64 - 302 07:02 - 18:13	11:12	+4 m.	34°
11	71 - 295 06:47 - 18:25	11:38	+4 m.	37°

5	65 - 301 07:00 - 18:15	11:15	+3 m.	34°
12	72 - 294 06:45 - 18:26	11:41	+3 m.	37°

6	66 - 300 06:58 - 18:17	11:19	+4 m.	35°
13	73 - 293 06:43 - 18:28	11:45	+4 m.	38°

21	81 - 285 06:26 - 18:41	12:15	+4 m.	41°
28	88 - 278 07:10 - 19:52	12:41	+3 m.	43°

15	75 - 291 06:39 - 18:31	11:53	+4 m.	38°
22	82 - 284 06:23 - 18:42	12:19	+4 m.	41°

16	76 - 290 06:36 - 18:33	11:56	+3 m.	39°
23	83 - 283 06:21 - 18:44	12:23	+4 m.	41°

17	77 - 289 06:34 - 18:34	12:00	+4 m.	39°
24	84 - 282 06:19 - 18:45	12:26	+3 m.	42°

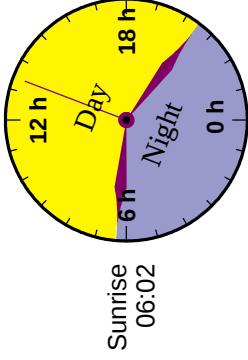
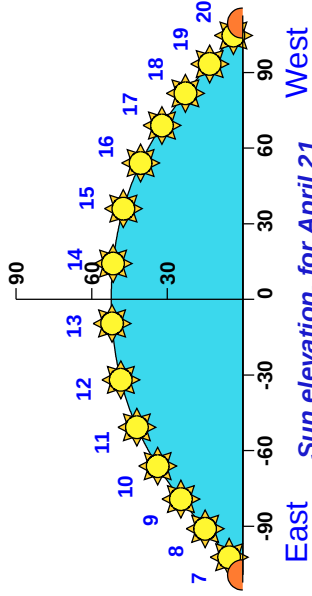
18	78 - 288 06:32 - 18:36	12:04	+4 m.	40°
25	85 - 281 06:17 - 18:47	12:30	+4 m.	42°

19	79 - 287 06:30 - 18:37	12:08	+4 m.	40°
26	86 - 280 06:15 - 18:48	12:34	+4 m.	43°

20	80 - 286 06:28 - 18:39	12:11	+3 m.	40°
27	87 - 279 07:13 - 19:50	12:38	+4 m.	43°

April 2016

Darmstadt
8.65°E, 49.87°N



East Sun elevation, for April 21 West

Duration of the day, for April 21

Sunrise and Sunset at Darmstadt (TL ± 1 mn)

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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

14

15

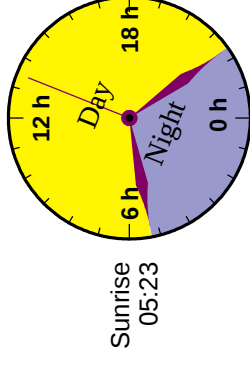
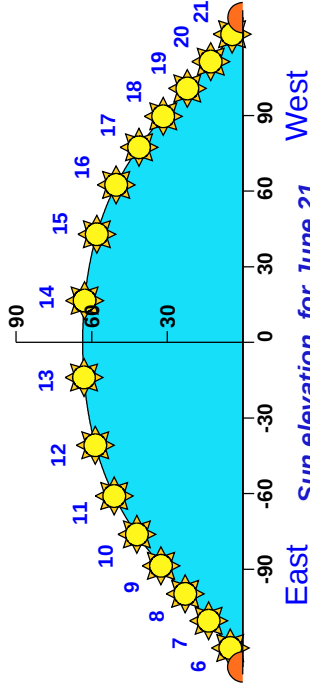
16

17

18

4 95 - 271 06:55 - 20:03 13:07 +3 m. 46°	5 96 - 270 06:53 - 20:04 13:11 +4 m. 46°	6 97 - 269 06:51 - 20:06 13:15 +4 m. 47°	7 98 - 268 06:49 - 20:07 13:18 +3 m. 47°	8 99 - 267 06:47 - 20:09 13:22 +4 m. 48°	9 100 - 266 06:45 - 20:10 13:26 +4 m. 48°	10 101 - 265 06:43 - 20:12 13:29 +3 m. 48°
11 102 - 264 06:41 - 20:13 13:33 +4 m. 49°	12 103 - 263 06:38 - 20:15 13:37 +4 m. 49°	13 104 - 262 06:36 - 20:17 13:40 +3 m. 49°	14 105 - 261 06:34 - 20:18 13:44 +4 m. 50°	15 106 - 260 06:32 - 20:20 13:47 +3 m. 50°	16 107 - 259 06:30 - 20:21 13:51 +4 m. 51°	17 108 - 258 06:28 - 20:23 13:55 +4 m. 51°
18 109 - 257 06:26 - 20:24 13:58 +3 m. 51°	19 110 - 256 06:24 - 20:26 14:02 +4 m. 52°	20 111 - 255 06:22 - 20:27 14:05 +3 m. 52°	21 112 - 254 06:20 - 20:29 14:09 +4 m. 52°	22 113 - 253 06:18 - 20:31 14:12 +3 m. 53°	23 114 - 252 06:17 - 20:32 14:16 +4 m. 53°	24 115 - 251 06:15 - 20:34 14:19 +3 m. 53°
25 116 - 250 06:13 - 20:35 14:23 +4 m. 54°	26 117 - 249 06:11 - 20:37 14:26 +3 m. 54°	27 118 - 248 06:09 - 20:38 14:29 +3 m. 54°	28 119 - 247 06:07 - 20:40 14:33 +4 m. 55°	29 120 - 246 06:05 - 20:41 14:36 +3 m. 55°	30 121 - 245 06:04 - 20:43 14:39 +3 m. 55°	

June 2016



Darmstadt
8.65°E, 49.87°N

East Sun elevation, for June 21 West

Duration of the day, for June 21

Sunrise and Sunset at Darmstadt (TL ± 1 mn)

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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

23

24

25

26

27

6	158 - 208 05:19 - 21:30	16:11	+1 m.	63°
		16:19	+1 m.	63°

13	165 - 201 05:17 - 21:35			
		16:19	+1 m.	63°

20	172 - 194 05:17 - 21:38			
		16:21	+0 m.	64°

27	179 - 187 05:19 - 21:38			
		16:19	-1 m.	63°

7	159 - 207 05:18 - 21:31			
		16:13	+2 m.	63°

14	166 - 200 05:17 - 21:36			
		16:19	+0 m.	63°

21	173 - 193 05:17 - 21:38			
		16:21	+0 m.	64°

28	180 - 186 05:20 - 21:38			
		16:18	-1 m.	63°

1	153 - 213 05:22 - 21:26			
		16:04	+2 m.	62°

8	160 - 206 05:18 - 21:32			
		16:14	+1 m.	63°

15	167 - 199 05:16 - 21:36			
		16:20	+1 m.	63°

22	174 - 192 05:17 - 21:38			
		16:21	+0 m.	64°

29	181 - 185 05:20 - 21:38			
		16:18	+0 m.	63°

2	154 - 212 05:21 - 21:27			
		16:06	+2 m.	62°

9	161 - 205 05:18 - 21:33			
		16:15	+1 m.	63°

16	168 - 198 05:16 - 21:36			
		16:20	+0 m.	64°

23	175 - 191 05:18 - 21:38			
		16:21	+0 m.	64°

30	182 - 184 05:21 - 21:38			
		16:17	-1 m.	63°

3	155 - 211 05:20 - 21:28			
		16:07	+1 m.	63°

10	162 - 204 05:17 - 21:33			
		16:16	+1 m.	63°

17	169 - 197 05:16 - 21:37			
		16:21	+1 m.	64°

24	176 - 190 05:18 - 21:38			
		16:20	-1 m.	64°

4	156 - 210 05:20 - 21:29			
		16:09	+2 m.	63°

11	163 - 203 05:17 - 21:34			
		16:17	+1 m.	63°

18	170 - 196 05:16 - 21:37			
		16:21	+0 m.	64°

25	177 - 189 05:18 - 21:38			
		16:20	+0 m.	64°

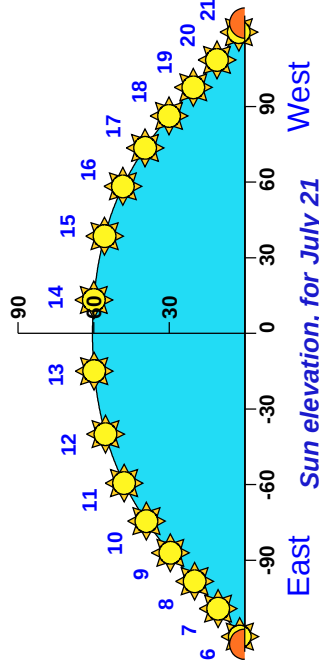
5	157 - 209 05:19 - 21:29			
		16:10	+1 m.	63°

12	164 - 202 05:17 - 21:34			
		16:18	+1 m.	63°

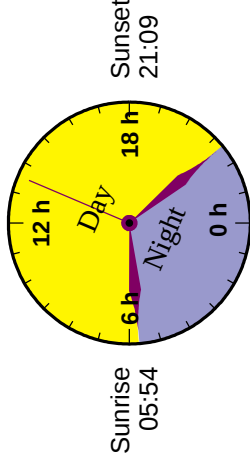
19	171 - 195 05:17 - 21:37			
		16:21	+0 m.	64°

26	178 - 188 05:19 - 21:38			
		16:20	+0 m.	63°

July 2016



Darmstadt
8.65°E, 49.87°N



Sunrise and Sunset at Darmstadt (TL $\pm$ 1 mn)

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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

27

28

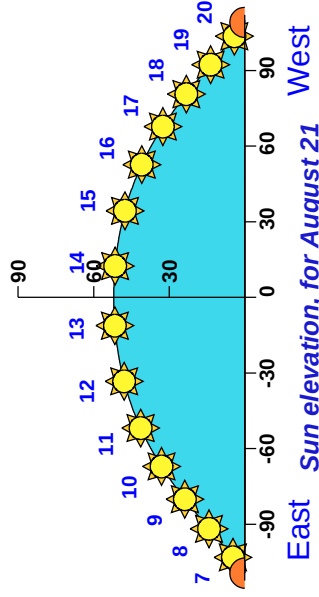
29

30

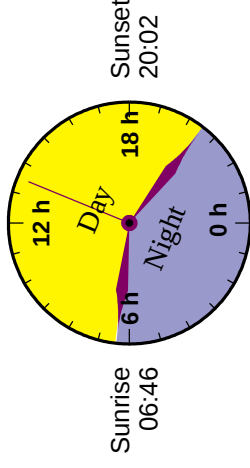
31

4 186 - 180 05:24 - 21:36 16:13 -1 m. 63°	5 187 - 179 05:24 - 21:36 16:11 -2 m. 63°	6 188 - 178 05:25 - 21:35 16:10 -1 m. 63°	7 189 - 177 05:26 - 21:35 16:09 -1 m. 63°	8 190 - 176 05:27 - 21:34 16:07 -2 m. 63°	9 191 - 175 05:28 - 21:33 16:06 -1 m. 62°	10 192 - 174 05:29 - 21:33 16:04 -2 m. 62°
11 193 - 173 05:30 - 21:32 16:02 -2 m. 62°	12 194 - 172 05:31 - 21:31 16:00 -2 m. 62°	13 195 - 171 05:32 - 21:30 15:58 -2 m. 62°	14 196 - 170 05:33 - 21:29 15:57 -1 m. 62°	15 197 - 169 05:34 - 21:28 15:54 -3 m. 62°	16 198 - 168 05:35 - 21:28 15:52 -2 m. 61°	17 199 - 167 05:36 - 21:27 15:50 -2 m. 61°
18 200 - 166 05:37 - 21:25 15:48 -2 m. 61°	19 201 - 165 05:39 - 21:24 15:46 -2 m. 61°	20 202 - 164 05:40 - 21:23 15:43 -3 m. 61°	21 203 - 163 05:41 - 21:22 15:41 -2 m. 60°	22 204 - 162 05:42 - 21:21 15:39 -2 m. 60°	23 205 - 161 05:44 - 21:20 15:36 -3 m. 60°	24 206 - 160 05:45 - 21:18 15:34 -2 m. 60°
25 207 - 159 05:46 - 21:17 15:31 -3 m. 60°	26 208 - 158 05:48 - 21:16 15:28 -3 m. 59°	27 209 - 157 05:49 - 21:14 15:26 -2 m. 59°	28 210 - 156 05:50 - 21:13 15:23 -3 m. 59°	29 211 - 155 05:52 - 21:12 15:20 -3 m. 59°	30 212 - 154 05:53 - 21:10 15:17 -3 m. 58°	31 213 - 153 05:54 - 21:09 15:14 -3 m. 58°

August 2016



Darmstadt
8.65°E, 49.87°N



East Sun elevation, for August 21 West

Duration of the day, for August 21

Sunrise and Sunset at Darmstadt (TL ± 1 mn)

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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

1 214 - 152
05:56 - 21:07
15:11 -3 m. 58°

32

8 221 - 145
06:06 - 20:56
14:50 -3 m. 56°

33

15 228 - 138
06:16 - 20:43
14:27 -3 m. 54°

34

22 235 - 131
06:26 - 20:29
14:03 -3 m. 52°

35

29 242 - 124
06:37 - 20:15
13:38 -4 m. 49°

36

2 215 - 151
05:57 - 21:05
15:08 -3 m. 58°

9 222 - 144
06:07 - 20:54
14:47 -3 m. 56°

16 229 - 137
06:18 - 20:41
14:24 -3 m. 54°

23 236 - 130
06:28 - 20:27
13:59 -4 m. 51°

30 243 - 123
06:38 - 20:13
13:35 -3 m. 49°

3 216 - 150
05:59 - 21:04
15:05 -3 m. 57°

10 223 - 143
06:09 - 20:52
14:43 -4 m. 55°

17 230 - 136
06:19 - 20:39
14:20 -4 m. 53°

24 237 - 129
06:29 - 20:25
13:56 -3 m. 51°

31 244 - 122
06:40 - 20:11
13:31 -4 m. 49°

4 217 - 149
06:00 - 21:02
15:02 -3 m. 57°

11 224 - 142
06:10 - 20:50
14:40 -3 m. 55°

18 231 - 135
06:20 - 20:37
14:17 -3 m. 53°

25 238 - 128
06:31 - 20:23
13:52 -4 m. 51°

5 218 - 148
06:01 - 21:01
14:59 -3 m. 57°

12 225 - 141
06:12 - 20:48
14:37 -3 m. 55°

19 232 - 134
06:22 - 20:35
14:13 -4 m. 53°

26 239 - 127
06:32 - 20:21
13:49 -3 m. 50°

6 219 - 147
06:03 - 20:59
14:56 -3 m. 57°

13 226 - 140
06:13 - 20:47
14:34 -3 m. 55°

20 233 - 133
06:23 - 20:33
14:10 -3 m. 52°

27 240 - 126
06:34 - 20:19
13:45 -4 m. 50°

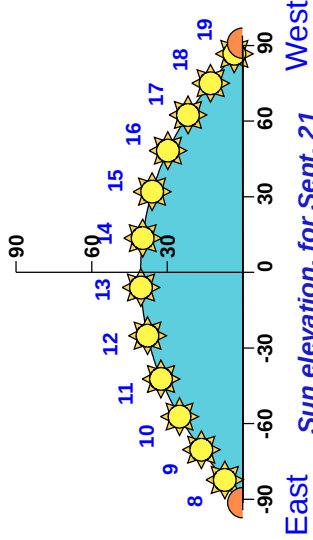
7 220 - 146
06:04 - 20:57
14:53 -3 m. 56°

14 227 - 139
06:15 - 20:45
14:30 -4 m. 54°

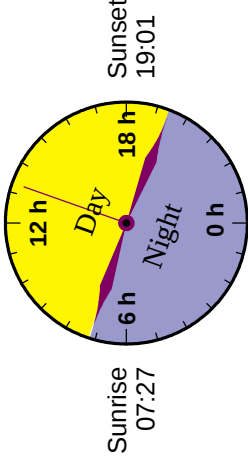
21 234 - 132
06:25 - 20:31
14:06 -4 m. 52°

28 241 - 125
06:35 - 20:17
13:42 -3 m. 50°

September 2016



Darmstadt
8.65°E, 49.87°N



East Sun elevation, for Sept. 21 West

Duration of the day, for September 21

Sunrise and Sunset at Darmstadt (TL $\pm$ 1 mn)

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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

36

37

38

39

40

5
249 - 117
06:47 - 20:00
13:13 -4 m. 47°

12
256 - 110
06:57 - 19:45
12:48 -3 m. 44°

19
263 - 103
07:08 - 19:30
12:22 -3 m. 41°

26
270 - 96
07:18 - 19:14
11:56 -4 m. 39°

6
250 - 116
06:49 - 19:58
13:09 -4 m. 46°

13
257 - 109
06:59 - 19:43
12:44 -4 m. 44°

20
264 - 102
07:09 - 19:27
12:18 -4 m. 41°

27
271 - 95
07:20 - 19:12
11:52 -4 m. 38°

7
251 - 115
06:50 - 19:56
13:06 -3 m. 46°

14
258 - 108
07:00 - 19:41
12:40 -4 m. 43°

21
265 - 101
07:11 - 19:25
12:14 -4 m. 41°

28
272 - 94
07:21 - 19:10
11:49 -3 m. 38°

8
252 - 114
06:52 - 19:54
13:02 -4 m. 46°

15
259 - 107
07:02 - 19:38
12:37 -3 m. 43°

22
266 - 100
07:12 - 19:23
12:11 -3 m. 40°

29
273 - 93
07:23 - 19:08
11:45 -4 m. 37°

9
253 - 113
06:53 - 19:51
12:58 -4 m. 45°

16
260 - 106
07:03 - 19:36
12:33 -4 m. 43°

23
267 - 99
07:14 - 19:21
12:07 -4 m. 40°

30
274 - 92
07:24 - 19:06
11:41 -4 m. 37°

10
254 - 112
06:55 - 19:49
12:55 -3 m. 45°

17
261 - 105
07:05 - 19:34
12:29 -4 m. 42°

24
268 - 98
07:15 - 19:19
12:03 -4 m. 39°

31
275 - 91
07:25 - 19:01
11:37 -4 m. 36°

11
255 - 111
06:56 - 19:47
12:51 -4 m. 44°

18
262 - 104
07:06 - 19:32
12:25 -4 m. 42°

25
269 - 97
07:17 - 19:16
12:00 -3 m. 39°

12
256 - 110
06:57 - 19:45
12:48 -3 m. 44°

19
263 - 103
07:08 - 19:30
12:22 -3 m. 41°

26
270 - 96
07:18 - 19:14
11:56 -4 m. 39°

33
277 - 89
07:29 - 18:59
11:31 -4 m. 36°

13
257 - 109
06:59 - 19:43
12:44 -4 m. 44°

20
264 - 102
07:09 - 19:27
12:18 -4 m. 41°

27
271 - 95
07:20 - 19:12
11:52 -4 m. 38°

34
278 - 88
07:30 - 18:54
11:26 -4 m. 35°

14
258 - 108
07:00 - 19:41
12:40 -4 m. 43°

21
265 - 101
07:11 - 19:25
12:14 -4 m. 41°

28
272 - 94
07:21 - 19:10
11:49 -3 m. 38°

35
279 - 87
07:41 - 18:46
11:01 -4 m. 34°

15
259 - 107
07:02 - 19:38
12:37 -3 m. 43°

22
266 - 100
07:12 - 19:23
12:11 -3 m. 40°

29
273 - 93
07:23 - 19:08
11:45 -4 m. 37°

36
280 - 86
07:51 - 18:31
10:33 -4 m. 33°

16
260 - 106
07:03 - 19:36
12:33 -4 m. 43°

23
267 - 99
07:14 - 19:21
12:07 -4 m. 40°

30
274 - 92
07:24 - 19:06
11:41 -4 m. 37°

37
281 - 85
07:59 - 18:16
10:14 -4 m. 32°

17
261 - 105
07:05 - 19:34
12:29 -4 m. 42°

24
268 - 98
07:15 - 19:19
12:03 -4 m. 39°

31
275 - 91
07:25 - 19:01
12:00 -3 m. 39°

38
282 - 84
08:09 - 17:59
09:57 -4 m. 31°

18
262 - 104
07:06 - 19:32
12:25 -4 m. 42°

25
269 - 97
07:17 - 19:16
12:00 -3 m. 39°

32
276 - 90
07:46 - 18:50
11:23 -4 m. 36°

39
283 - 83
08:29 - 17:51
09:31 -4 m. 30°

19
263 - 103
07:08 - 19:30
12:22 -3 m. 41°

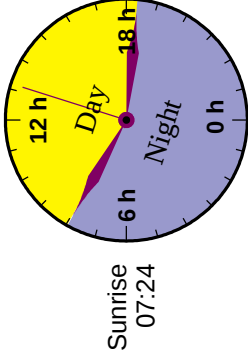
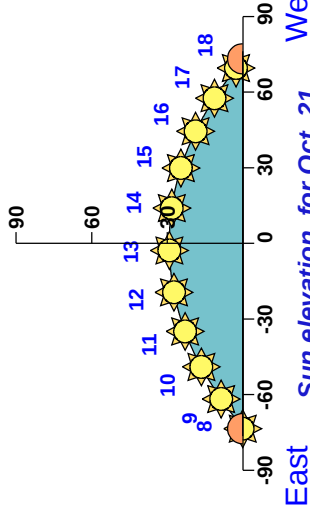
26
270 - 96
07:18 - 19:14
11:56 -4 m. 39°

33
277 - 89
07:29 - 18:59
11:31 -4 m. 36°

40
284 - 82
08:40 - 17:29
09:00 -4 m. 29°

October 2016

Darmstadt
8.65°E, 49.87°N



East Sun elevation, for Oct. 21 West

Duration of the day, for October 21

Sunrise and Sunset at Darmstadt (TL $\pm$ 1 mn)

Time change October 30

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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

40

41

42

43

44

45

3	277 - 89 07:29 - 18:59	11:30	-4 m.	36°
10	284 - 82 07:40 - 18:44	11:04	-4 m.	33°
17	291 - 75 07:51 - 18:30	10:39	-4 m.	31°
24	298 - 68 08:02 - 18:16	10:14	-4 m.	28°
31	305 - 61 07:14 - 17:04	9:50	-3 m.	26°

1	275 - 91 07:26 - 19:03 11:38 -3 m. 37°	2	276 - 90 07:27 - 19:01 11:34 -4 m. 36°
16	290 - 76 07:49 - 18:32 10:43 -3 m. 31°	23	297 - 69 08:01 - 18:18 10:18 -3 m. 29°
15	289 - 77 07:48 - 18:34 10:46 -4 m. 31°	22	296 - 70 07:59 - 18:20 10:21 -4 m. 29°
14	288 - 78 07:46 - 18:36 10:50 -4 m. 32°	21	295 - 71 07:57 - 18:22 10:25 -3 m. 29°
13	287 - 79 07:45 - 18:38 10:54 -3 m. 32°	20	294 - 72 07:56 - 18:24 10:28 -4 m. 30°
12	286 - 80 07:43 - 18:40 10:57 -4 m. 33°	19	293 - 73 07:54 - 18:26 10:32 -3 m. 30°
11	285 - 81 07:41 - 18:42 11:01 -3 m. 33°	18	292 - 74 07:53 - 18:28 10:35 -4 m. 30°
10	284 - 82 07:40 - 18:44 11:04 -4 m. 33°	9	283 - 83 07:38 - 18:46 11:08 -4 m. 34°
3	277 - 89 07:29 - 18:59 11:30 -4 m. 36°	2	276 - 90 07:27 - 19:01 11:34 -4 m. 36°

November 2016

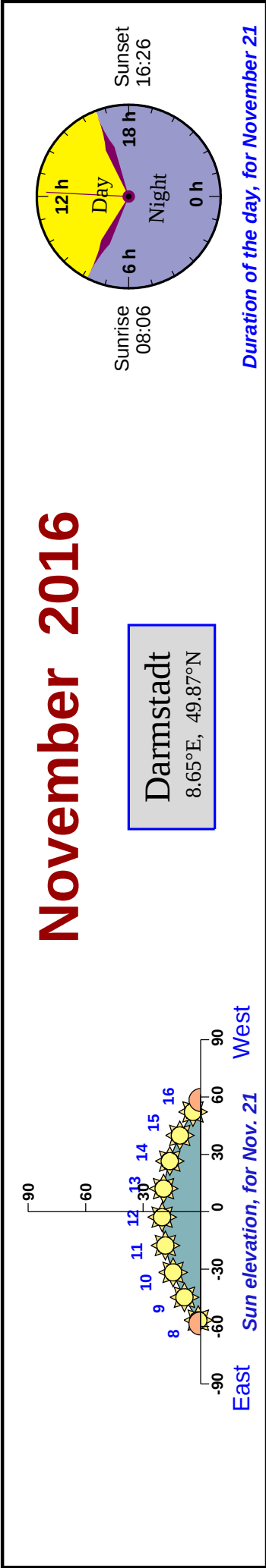
Darmstadt
8.65°E, 49.87°N

Sunrise 08:06 **Sunset** 16:26

Day (yellow) **Night** (blue)

Duration of the day, for November 21

East **Sun elevation, for Nov. 21** **West**



November 2016

Darmstadt
8.65°E, 49.87°N

Sunrise 08:06 **Sunset** 16:26

Day (yellow) **Night** (blue)

Duration of the day, for November 21

East **Sun elevation, for Nov. 21** **West**

November 2016

Darmstadt
8.65°E, 49.87°N

Sunrise 08:06 **Sunset** 16:26

Day **Night**

Duration of the day, for November 21

East **Sun elevation, for Nov. 21** **West**

November 2016

Darmstadt
8.65°E, 49.87°N

Sunrise 08:06 **Sunset** 16:26

Day **Night**

Duration of the day, for November 21

East **Sun elevation, for Nov. 21** **West**

November 2016

Darmstadt
8.65°E, 49.87°N

Sunrise 08:06 **Sunset** 16:26

Day (yellow) **Night** (blue)

Duration of the day, for November 21

East **Sun elevation, for Nov. 21** **West**

November 2016

Darmstadt
8.65°E, 49.87°N

Sunrise 08:06 **Sunset** 16:26

Day **Night**

Duration of the day, for November 21

East **Sun elevation, for Nov. 21** **West**

November 2016

Darmstadt
8.65°E, 49.87°N

Sunrise 08:06 **Sunset** 16:26

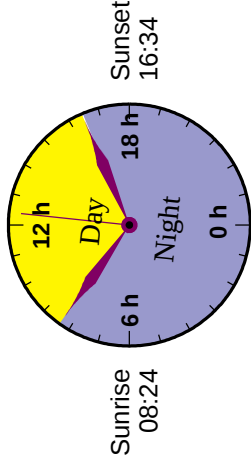
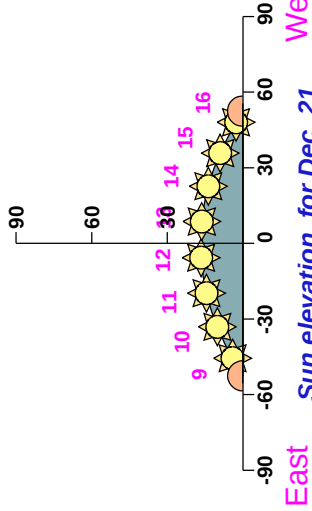
Day **Night**

Duration of the day, for November 21

East **Sun elevation, for Nov. 21** **West**

December 2016

Darmstadt
8.65°E, 49.87°N



East Sun elevation, for Dec. 21 West

Duration of the day, for December 21

Sunrise and Sunset at Darmstadt (TL ± 1 mn)

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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

49

50

51

52

53

5 340 - 26
08:07 - 16:25
8:18 -1 m. 18°

12 347 - 19
08:15 - 16:24
8:09 -1 m. 17°

19 354 - 12
08:20 - 16:26
8:05 -1 m. 17°

26 361 - 5
08:23 - 16:30
8:06 +0 m. 17°

6 341 - 25
08:08 - 16:25
8:16 -2 m. 18°

13 348 - 18
08:15 - 16:24
8:08 -1 m. 17°

20 355 - 11
08:21 - 16:26
8:05 +0 m. 17°

27 362 - 4
08:23 - 16:31
8:07 +1 m. 17°

7 342 - 24
08:09 - 16:25
8:15 -1 m. 18°

14 349 - 17
08:16 - 16:24
8:08 +0 m. 17°

21 356 - 10
08:21 - 16:27
8:05 +0 m. 17°

28 363 - 3
08:23 - 16:31
8:08 +1 m. 17°

8 343 - 23
08:11 - 16:24
8:13 -2 m. 17°

15 350 - 16
08:17 - 16:25
8:07 -1 m. 17°

22 357 - 9
08:22 - 16:27
8:05 +0 m. 17°

29 364 - 2
08:23 - 16:32
8:08 +0 m. 17°

9 344 - 22
08:12 - 16:24
8:12 -1 m. 17°

16 351 - 15
08:18 - 16:25
8:06 -1 m. 17°

23 358 - 8
08:22 - 16:28
8:05 +0 m. 17°

30 365 - 1
08:24 - 16:33
8:09 +1 m. 17°

10 345 - 21
08:13 - 16:24
8:11 -1 m. 17°

17 352 - 14
08:19 - 16:25
8:06 +0 m. 17°

24 359 - 7
08:22 - 16:28
8:06 +1 m. 17°

31 366 - 0
08:24 - 16:34
8:10 +1 m. 17°

11 346 - 20
08:14 - 16:24
8:10 -1 m. 17°

18 353 - 13
08:19 - 16:25
8:06 +0 m. 17°

25 360 - 6
08:23 - 16:29
8:06 +0 m. 17°

3 338 - 28
08:05 - 16:26
8:21 -2 m. 18°

4 339 - 27
08:06 - 16:26
8:19 -2 m. 18°