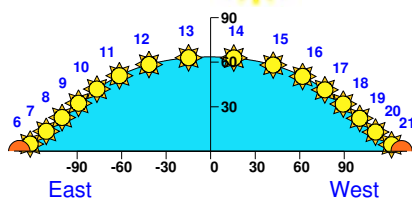


Sun Calendar 2024

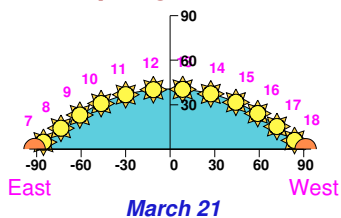
Produced by *ScientiDev*
www.scientidev.fr

Darmstadt
8.65°E, 49.87°N

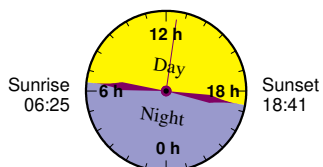
Summer



Spring



Day duration 12:15



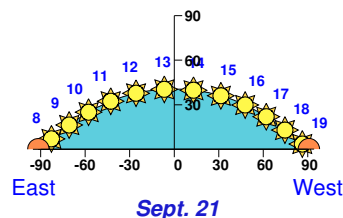
Spring Equinox

Day duration 16:21

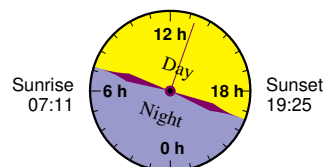


Summer Solstice

Autumn

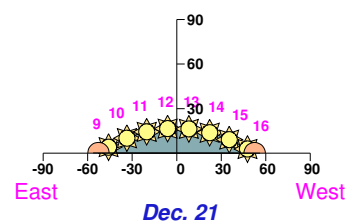


Day duration 12:14



Autumn Equinox

Winter

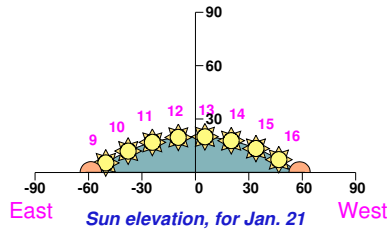


Day duration 8:05



Winter Solstice

January 2024



Darmstadt
8.65°E, 49.87°N



Duration of the day, for January 21

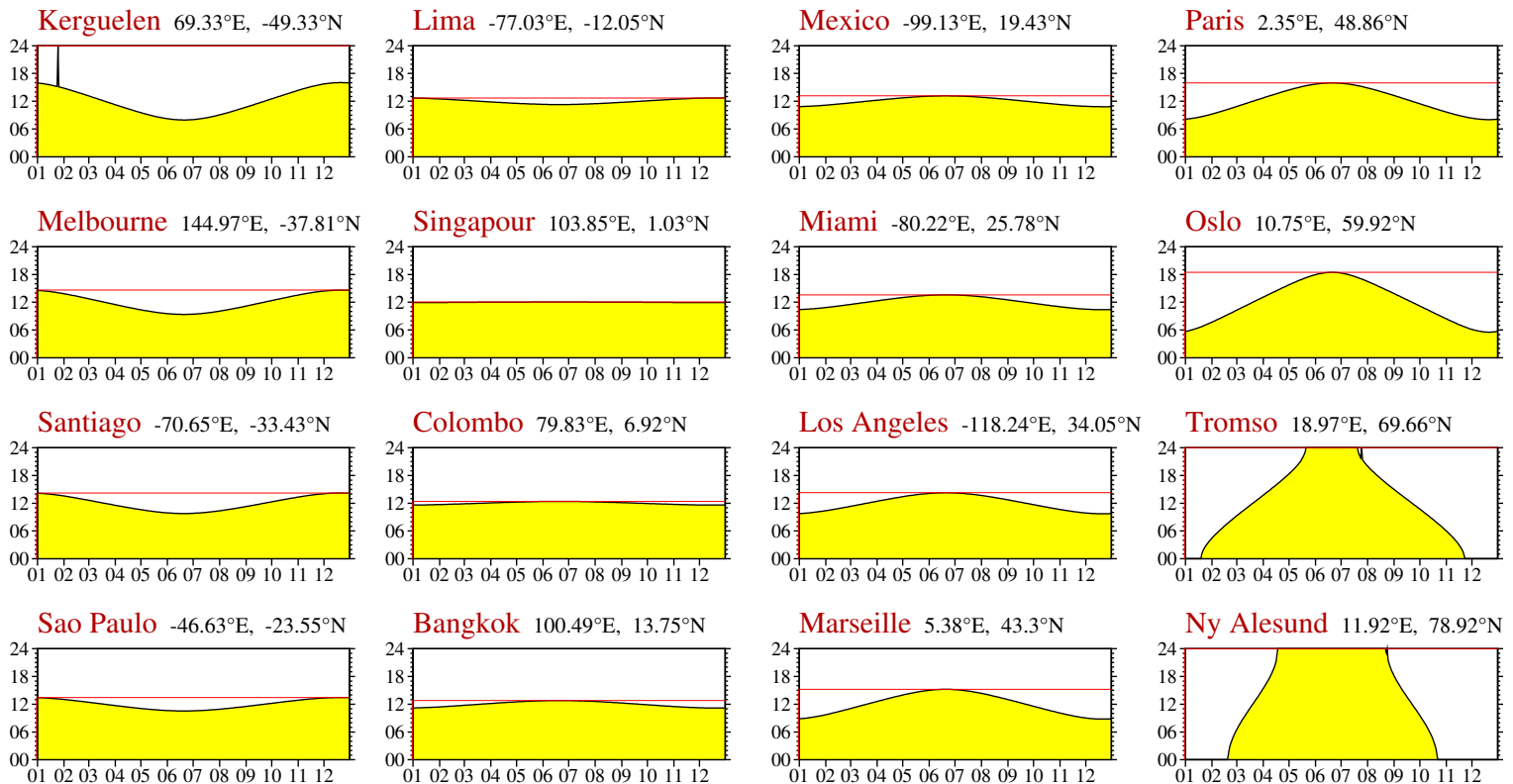
Sunrise and Sunset at Darmstadt (TL ± 1 mn) and sun maximal elevation (°)

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
1	1 1 - 365 08:23 - 16:34 17°	2 2 - 364 08:23 - 16:35 17°	3 3 - 363 08:23 - 16:37 17°	4 4 - 362 08:23 - 16:38 17°	5 5 - 361 08:23 - 16:39 18°	6 6 - 360 08:23 - 16:40 18°	7 7 - 359 08:22 - 16:41 18°
2	8 8 - 358 08:22 - 16:42 18°	9 9 - 357 08:22 - 16:44 18°	10 10 - 356 08:21 - 16:45 18°	11 11 - 355 08:21 - 16:46 18°	12 12 - 354 08:20 - 16:48 18°	13 13 - 353 08:19 - 16:49 19°	14 14 - 352 08:19 - 16:50 19°
3	15 15 - 351 08:18 - 16:52 19°	16 16 - 350 08:17 - 16:53 19°	17 17 - 349 08:17 - 16:55 19°	18 18 - 348 08:16 - 16:56 20°	19 19 - 347 08:15 - 16:58 20°	20 20 - 346 08:14 - 16:59 20°	21 21 - 345 08:13 - 17:01 20°
4	22 22 - 344 08:12 - 17:03 20°	23 23 - 343 08:11 - 17:04 21°	24 24 - 342 08:10 - 17:06 21°	25 25 - 341 08:09 - 17:07 21°	26 26 - 340 08:07 - 17:09 21°	27 27 - 339 08:06 - 17:11 22°	28 28 - 338 08:05 - 17:12 22°
5	29 29 - 337 08:04 - 17:14 22°	30 30 - 336 08:02 - 17:16 22°	31 31 - 335 08:01 - 17:17 23°				

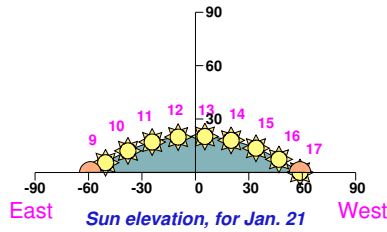
Sun Calendar © P. Robert / ScientiDev, Déc. 2014

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

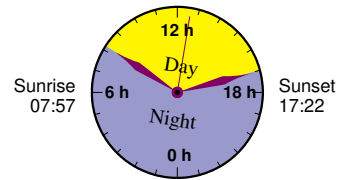
Day duration for any cities for 2024



January 2025



Darmstadt
8.65°E, 49.87°N



Sunrise and Sunset at Darmstadt (TL ± 1 mn) and sun maximal elevation (°)

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

1 1 - 365
08:23 - 16:35 17°

2 2 - 363
08:23 - 16:36 17°

3 3 - 362
08:23 - 16:37 17°

4 4 - 361
08:23 - 16:38 18°

5 5 - 360
08:23 - 16:40 18°

6 6 - 359
08:22 - 16:41 18°

7 7 - 358
08:22 - 16:42 18°

8 8 - 357
08:22 - 16:43 18°

9 9 - 356
08:21 - 16:45 18°

10 10 - 355
08:21 - 16:46 18°

11 11 - 354
08:20 - 16:47 18°

12 12 - 353
08:20 - 16:49 19°

13 13 - 352
08:19 - 16:50 19°

14 14 - 351
08:18 - 16:52 19°

15 15 - 350
08:18 - 16:53 19°

16 16 - 349
08:17 - 16:54 19°

17 17 - 348
08:16 - 16:56 20°

18 18 - 347
08:15 - 16:58 20°

19 19 - 346
08:14 - 16:59 20°

20 20 - 345
08:13 - 17:01 20°

21 21 - 344
08:12 - 17:02 20°

22 22 - 343
08:11 - 17:04 21°

23 23 - 342
08:10 - 17:05 21°

24 24 - 341
08:09 - 17:07 21°

25 25 - 340
08:08 - 17:09 21°

26 26 - 339
08:06 - 17:10 22°

27 27 - 338
08:05 - 17:12 22°

28 28 - 337
08:04 - 17:14 22°

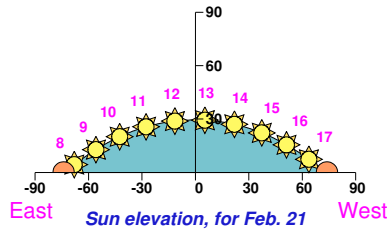
29 29 - 336
08:03 - 17:15 22°

30 30 - 335
08:01 - 17:17 23°

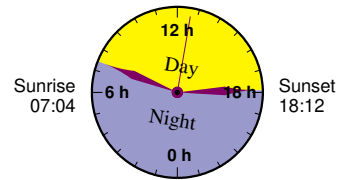
31 31 - 334
08:00 - 17:19 23°

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February 2024



Darmstadt
8.65°E, 49.87°N



Sunrise and Sunset at Darmstadt (TL ± 1 mn) and sun maximal elevation (°)

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

1 32 - 334
08:00 - 17:19 23°

2 33 - 333
07:58 - 17:21 23°

3 34 - 332
07:57 - 17:23 24°

4 35 - 331
07:55 - 17:24 24°

5 36 - 330
07:54 - 17:26 24°

6 37 - 329
07:52 - 17:28 24°

7 38 - 328
07:50 - 17:29 25°

8 39 - 327
07:49 - 17:31 25°

9 40 - 326
07:47 - 17:33 25°

10 41 - 325
07:46 - 17:35 26°

11 42 - 324
07:44 - 17:36 26°

12 43 - 323
07:42 - 17:38 26°

13 44 - 322
07:40 - 17:40 27°

14 45 - 321
07:39 - 17:42 27°

15 46 - 320
07:37 - 17:43 27°

16 47 - 319
07:35 - 17:45 28°

17 48 - 318
07:33 - 17:47 28°

18 49 - 317
07:31 - 17:48 28°

19 50 - 316
07:30 - 17:50 29°

20 51 - 315
07:28 - 17:52 29°

21 52 - 314
07:26 - 17:53 30°

22 53 - 313
07:24 - 17:55 30°

23 54 - 312
07:22 - 17:57 30°

24 55 - 311
07:20 - 17:58 31°

25 56 - 310
07:18 - 18:00 31°

26 57 - 309
07:16 - 18:02 31°

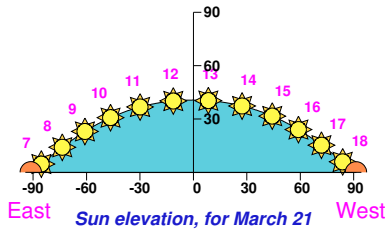
27 58 - 308
07:14 - 18:04 32°

28 59 - 307
07:12 - 18:05 32°

29 60 - 306
07:10 - 18:07 32°

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

March 2024



Darmstadt
8.65°E, 49.87°N



Duration of the day, for March 21

Sunrise and Sunset at Darmstadt (TL ± 1 mn) and sun maximal elevation (°)

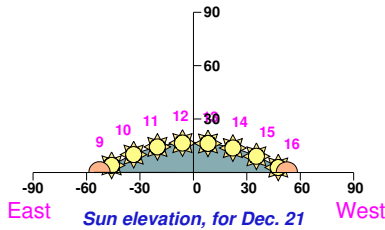
Time change March 31

Monday Tuesday Wednesday Thursday Friday Saturday Sunday

				161 - 305 07:08 - 18:08 33°	262 - 304 07:06 - 18:10 33°	363 - 303 07:04 - 18:12 34°
9						
10	464 - 302 07:02 - 18:13 34°	565 - 301 07:00 - 18:15 34°	666 - 300 06:58 - 18:17 35°	767 - 299 06:55 - 18:18 35°	868 - 298 06:53 - 18:20 36°	969 - 297 06:51 - 18:22 36°
11	1171 - 295 06:47 - 18:25 37°	1272 - 294 06:45 - 18:26 37°	1373 - 293 06:43 - 18:28 38°	1474 - 292 06:41 - 18:30 38°	1575 - 291 06:38 - 18:31 38°	1676 - 290 06:36 - 18:33 39°
12	1878 - 288 06:32 - 18:36 39°	1979 - 287 06:30 - 18:38 40°	2080 - 286 06:28 - 18:39 40°	2181 - 285 06:25 - 18:41 41°	2282 - 284 06:23 - 18:42 41°	2383 - 283 06:21 - 18:44 41°
13	2585 - 281 06:17 - 18:47 42°	2686 - 280 06:15 - 18:49 43°	2787 - 279 06:12 - 18:50 43°	2888 - 278 06:10 - 18:52 43°	2989 - 277 06:08 - 18:53 44°	3090 - 276 06:06 - 18:55 44°
						3191 - 275 07:04 - 19:56 45°

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December 2024



Darmstadt
8.65°E, 49.87°N



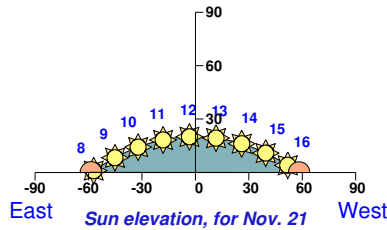
Duration of the day, for December 21

Sunrise and Sunset at Darmstadt (TL ± 1 mn) and sun maximal elevation (°)

Monday Tuesday Wednesday Thursday Friday Saturday Sunday

						1336 - 30 08:02 - 16:27 18°
48						
49	2337 - 29 08:04 - 16:26 18°	3338 - 28 08:05 - 16:26 18°	4339 - 27 08:06 - 16:26 18°	5340 - 26 08:07 - 16:25 18°	6341 - 25 08:08 - 16:25 18°	7342 - 24 08:10 - 16:25 17°
50	9344 - 22 08:12 - 16:24 17°	10345 - 21 08:13 - 16:24 17°	11346 - 20 08:14 - 16:24 17°	12347 - 19 08:15 - 16:24 17°	13348 - 18 08:16 - 16:24 17°	14349 - 17 08:16 - 16:24 17°
51	16351 - 15 08:18 - 16:25 17°	17352 - 14 08:19 - 16:25 17°	18353 - 13 08:19 - 16:25 17°	19354 - 12 08:20 - 16:26 17°	20355 - 11 08:21 - 16:26 17°	21356 - 10 08:21 - 16:27 17°
52	23358 - 8 08:22 - 16:28 17°	24359 - 7 08:22 - 16:28 17°	25360 - 6 08:23 - 16:29 17°	26361 - 5 08:23 - 16:30 17°	27362 - 4 08:23 - 16:31 17°	28363 - 3 08:23 - 16:31 17°
53	30365 - 1 08:23 - 16:33 17°	31366 - 0 08:24 - 16:34 17°				

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



November 2024

Darmstadt
8.65°E, 49.87°N



Duration of the day, for November 21

Sunrise and Sunset at Darmstadt (TL ± 1 mn) and sun maximal elevation (°)

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

44

45

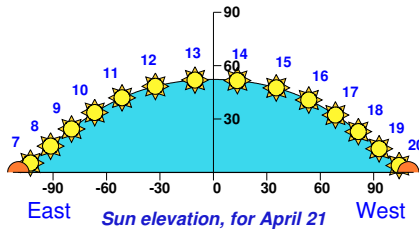
46

47

48

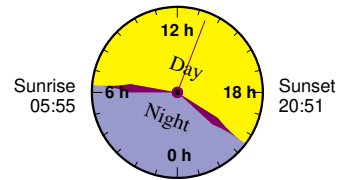
				1 306 - 60 07:16 - 17:02 26°	2 307 - 59 07:17 - 17:00 25°	3 308 - 58 07:19 - 16:59 25°
4 309 - 57 07:20 - 16:57 25°	5 310 - 56 07:22 - 16:56 24°	6 311 - 55 07:24 - 16:54 24°	7 312 - 54 07:25 - 16:52 24°	8 313 - 53 07:27 - 16:51 23°	9 314 - 52 07:29 - 16:50 23°	10 315 - 51 07:30 - 16:48 23°
11 316 - 50 07:32 - 16:47 23°	12 317 - 49 07:34 - 16:45 22°	13 318 - 48 07:35 - 16:44 22°	14 319 - 47 07:37 - 16:43 22°	15 320 - 46 07:39 - 16:41 22°	16 321 - 45 07:40 - 16:40 21°	17 322 - 44 07:42 - 16:39 21°
18 323 - 43 07:43 - 16:38 21°	19 324 - 42 07:45 - 16:37 21°	20 325 - 41 07:46 - 16:36 20°	21 326 - 40 07:48 - 16:35 20°	22 327 - 39 07:49 - 16:34 20°	23 328 - 38 07:51 - 16:33 20°	24 329 - 37 07:52 - 16:32 19°
25 330 - 36 07:54 - 16:31 19°	26 331 - 35 07:55 - 16:30 19°	27 332 - 34 07:57 - 16:29 19°	28 333 - 33 07:58 - 16:29 19°	29 334 - 32 08:00 - 16:28 19°	30 335 - 31 08:01 - 16:28 18°	

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



April 2024

Darmstadt
8.65°E, 49.87°N



Duration of the day, for April 21

Sunrise and Sunset at Darmstadt (TL ± 1 mn) and sun maximal elevation (°)

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

14

15

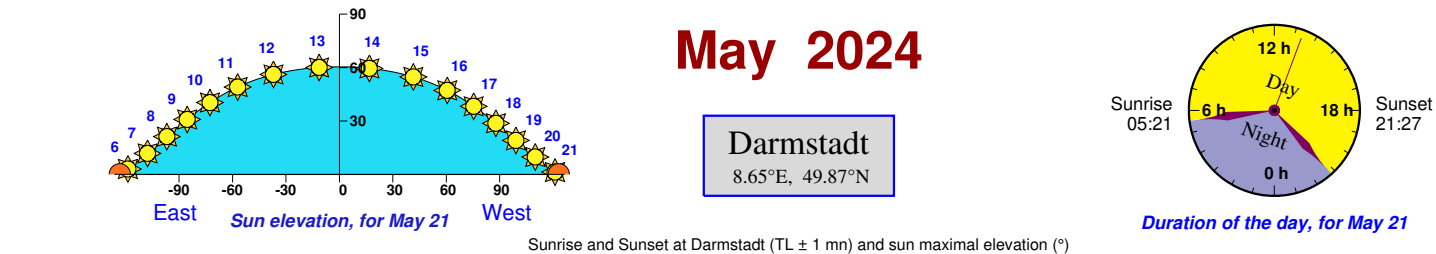
16

17

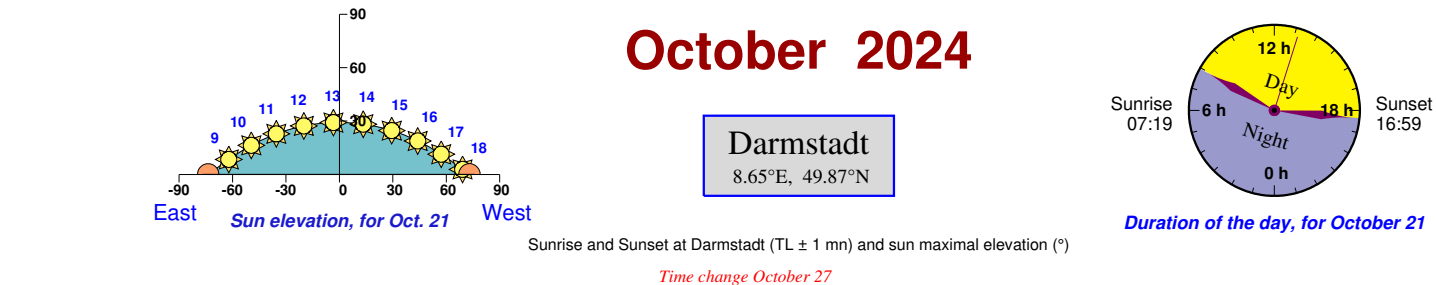
18

1 92 - 274 07:02 - 19:58 45°	2 93 - 273 06:59 - 20:00 45°	3 94 - 272 06:57 - 20:01 46°	4 95 - 271 06:55 - 20:03 46°	5 96 - 270 06:53 - 20:04 47°	6 97 - 269 06:51 - 20:06 47°	7 98 - 268 06:49 - 20:07 47°
8 99 - 267 06:47 - 20:09 48°	9 100 - 266 06:45 - 20:10 48°	10 101 - 265 06:43 - 20:12 48°	11 102 - 264 06:40 - 20:14 49°	12 103 - 263 06:38 - 20:15 49°	13 104 - 262 06:36 - 20:17 49°	14 105 - 261 06:34 - 20:18 50°
15 106 - 260 06:32 - 20:20 50°	16 107 - 259 06:30 - 20:21 51°	17 108 - 258 06:28 - 20:23 51°	18 109 - 257 06:26 - 20:24 51°	19 110 - 256 06:24 - 20:26 52°	20 111 - 255 06:22 - 20:28 52°	21 112 - 254 06:20 - 20:29 52°
22 113 - 253 06:18 - 20:31 53°	23 114 - 252 06:16 - 20:32 53°	24 115 - 251 06:14 - 20:34 53°	25 116 - 250 06:13 - 20:35 54°	26 117 - 249 06:11 - 20:37 54°	27 118 - 248 06:09 - 20:38 54°	28 119 - 247 06:07 - 20:40 55°
29 120 - 246 06:05 - 20:41 55°	30 121 - 245 06:03 - 20:43 55°					

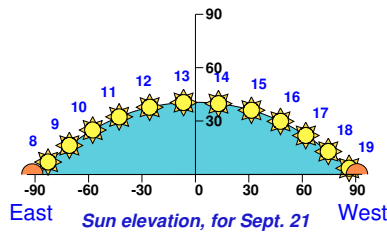
Sun Calendar © P. Robert / ScientiDev, Déc. 2014



	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
18			1122 - 244 06:02 - 20:45 55°	2123 - 243 06:00 - 20:46 56°	3124 - 242 05:58 - 20:48 56°	4125 - 241 05:57 - 20:49 56°	5126 - 240 05:55 - 20:51 57°
19	6127 - 239 05:53 - 20:52 57°	7128 - 238 05:52 - 20:54 57°	8129 - 237 05:50 - 20:55 57°	9130 - 236 05:48 - 20:57 58°	10131 - 235 05:47 - 20:58 58°	11132 - 234 05:45 - 20:59 58°	12133 - 233 05:44 - 21:01 58°
20	13134 - 232 05:42 - 21:02 59°	14135 - 231 05:41 - 21:04 59°	15136 - 230 05:40 - 21:05 59°	16137 - 229 05:38 - 21:06 59°	17138 - 228 05:37 - 21:08 60°	18139 - 227 05:36 - 21:09 60°	19140 - 226 05:34 - 21:11 60°
21	20141 - 225 05:33 - 21:12 60°	21142 - 224 05:32 - 21:13 60°	22143 - 223 05:31 - 21:14 61°	23144 - 222 05:30 - 21:16 61°	24145 - 221 05:29 - 21:17 61°	25146 - 220 05:28 - 21:18 61°	26147 - 219 05:27 - 21:19 61°
22	27148 - 218 05:26 - 21:20 62°	28149 - 217 05:25 - 21:22 62°	29150 - 216 05:24 - 21:23 62°	30151 - 215 05:23 - 21:24 62°	31152 - 214 05:23 - 21:25 62°		

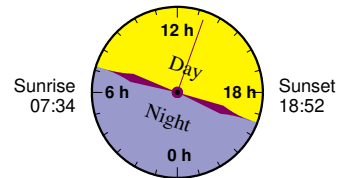


	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
40		1275 - 91 07:26 - 19:03 37°	2276 - 90 07:28 - 19:01 36°	3277 - 89 07:29 - 18:59 36°	4278 - 88 07:31 - 18:57 36°	5279 - 87 07:32 - 18:55 35°	6280 - 86 07:34 - 18:52 35°
41	7281 - 85 07:35 - 18:50 34°	8282 - 84 07:37 - 18:48 34°	9283 - 83 07:38 - 18:46 34°	10284 - 82 07:40 - 18:44 33°	11285 - 81 07:42 - 18:42 33°	12286 - 80 07:43 - 18:40 32°	13287 - 79 07:45 - 18:38 32°
42	14288 - 78 07:46 - 18:36 32°	15289 - 77 07:48 - 18:34 31°	16290 - 76 07:49 - 18:32 31°	17291 - 75 07:51 - 18:30 31°	18292 - 74 07:53 - 18:28 30°	19293 - 73 07:54 - 18:26 30°	20294 - 72 07:56 - 18:24 30°
43	21295 - 71 07:57 - 18:22 29°	22296 - 70 07:59 - 18:20 29°	23297 - 69 08:01 - 18:18 29°	24298 - 68 08:02 - 18:16 28°	25299 - 67 08:04 - 18:14 28°	26300 - 66 08:06 - 18:13 27°	27301 - 65 07:07 - 17:11 27°
44	28302 - 64 07:09 - 17:09 27°	29303 - 63 07:11 - 17:07 26°	30304 - 62 07:12 - 17:05 26°	31305 - 61 07:14 - 17:04 26°			



September 2024

Darmstadt
8.65°E, 49.87°N



Duration of the day, for September 21

Sunrise and Sunset at Darmstadt (TL ± 1 mn) and sun maximal elevation (°)

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

35

36

37

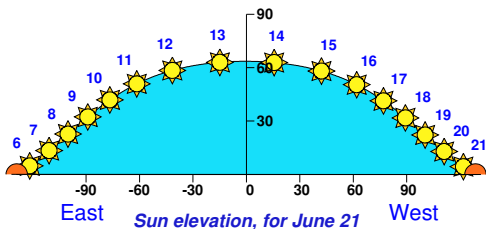
38

39

40

						1 245 - 121 06:41 - 20:09 48°
2 246 - 120 06:43 - 20:06 48°	3 247 - 119 06:44 - 20:04 47°	4 248 - 118 06:46 - 20:02 47°	5 249 - 117 06:47 - 20:00 47°	6 250 - 116 06:49 - 19:58 46°	7 251 - 115 06:50 - 19:56 46°	8 252 - 114 06:52 - 19:54 46°
9 253 - 113 06:53 - 19:51 45°	10 254 - 112 06:55 - 19:49 45°	11 255 - 111 06:56 - 19:47 44°	12 256 - 110 06:58 - 19:45 44°	13 257 - 109 06:59 - 19:43 44°	14 258 - 108 07:01 - 19:40 43°	15 259 - 107 07:02 - 19:38 43°
16 260 - 106 07:04 - 19:36 42°	17 261 - 105 07:05 - 19:34 42°	18 262 - 104 07:06 - 19:32 42°	19 263 - 103 07:08 - 19:29 41°	20 264 - 102 07:09 - 19:27 41°	21 265 - 101 07:11 - 19:25 41°	22 266 - 100 07:12 - 19:23 40°
23 267 - 99 07:14 - 19:21 40°	24 268 - 98 07:15 - 19:18 39°	25 269 - 97 07:17 - 19:16 39°	26 270 - 96 07:18 - 19:14 39°	27 271 - 95 07:20 - 19:12 38°	28 272 - 94 07:21 - 19:10 38°	29 273 - 93 07:23 - 19:08 37°
30 274 - 92 07:25 - 19:05 37°						

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June 2024

Darmstadt
8.65°E, 49.87°N



Duration of the day, for June 21

Sunrise and Sunset at Darmstadt (TL ± 1 mn) and sun maximal elevation (°)

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

22

23

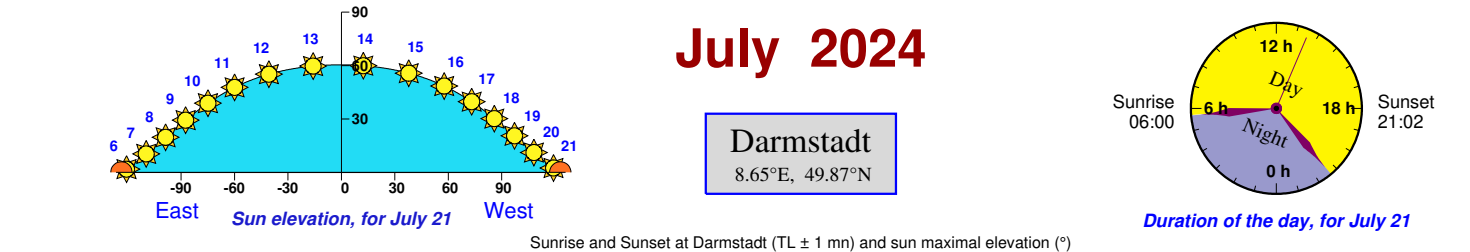
24

25

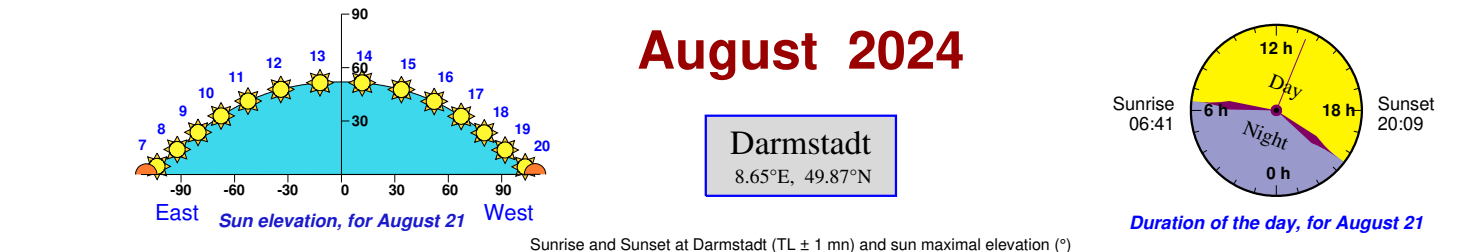
26

					1 153 - 213 05:22 - 21:26 62°	2 154 - 212 05:21 - 21:27 62°
3 155 - 211 05:20 - 21:28 63°	4 156 - 210 05:20 - 21:29 63°	5 157 - 209 05:19 - 21:29 63°	6 158 - 208 05:19 - 21:30 63°	7 159 - 207 05:18 - 21:31 63°	8 160 - 206 05:18 - 21:32 63°	9 161 - 205 05:18 - 21:33 63°
10 162 - 204 05:17 - 21:33 63°	11 163 - 203 05:17 - 21:34 63°	12 164 - 202 05:17 - 21:35 63°	13 165 - 201 05:17 - 21:35 63°	14 166 - 200 05:17 - 21:36 63°	15 167 - 199 05:16 - 21:36 63°	16 168 - 198 05:16 - 21:37 64°
17 169 - 197 05:16 - 21:37 64°	18 170 - 196 05:17 - 21:37 64°	19 171 - 195 05:17 - 21:38 64°	20 172 - 194 05:17 - 21:38 64°	21 173 - 193 05:17 - 21:38 64°	22 174 - 192 05:17 - 21:38 64°	23 175 - 191 05:18 - 21:38 64°
24 176 - 190 05:18 - 21:38 64°	25 177 - 189 05:18 - 21:38 64°	26 178 - 188 05:19 - 21:38 63°	27 179 - 187 05:19 - 21:38 63°	28 180 - 186 05:20 - 21:38 63°	29 181 - 185 05:20 - 21:38 63°	30 182 - 184 05:21 - 21:38 63°

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	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
27	1 183 - 183 05:22 - 21:37 63°	2 184 - 182 05:22 - 21:37 63°	3 185 - 181 05:23 - 21:37 63°	4 186 - 180 05:24 - 21:36 63°	5 187 - 179 05:24 - 21:36 63°	6 188 - 178 05:25 - 21:35 63°	7 189 - 177 05:26 - 21:35 63°
28	8 190 - 176 05:27 - 21:34 63°	9 191 - 175 05:28 - 21:33 62°	10 192 - 174 05:29 - 21:33 62°	11 193 - 173 05:30 - 21:32 62°	12 194 - 172 05:31 - 21:31 62°	13 195 - 171 05:32 - 21:30 62°	14 196 - 170 05:33 - 21:29 62°
29	15 197 - 169 05:34 - 21:28 62°	16 198 - 168 05:35 - 21:27 61°	17 199 - 167 05:36 - 21:26 61°	18 200 - 166 05:38 - 21:25 61°	19 201 - 165 05:39 - 21:24 61°	20 202 - 164 05:40 - 21:23 61°	21 203 - 163 05:41 - 21:22 60°
30	22 204 - 162 05:43 - 21:21 60°	23 205 - 161 05:44 - 21:20 60°	24 206 - 160 05:45 - 21:18 60°	25 207 - 159 05:46 - 21:17 60°	26 208 - 158 05:48 - 21:16 59°	27 209 - 157 05:49 - 21:14 59°	28 210 - 156 05:50 - 21:13 59°
31	29 211 - 155 05:52 - 21:11 59°	30 212 - 154 05:53 - 21:10 58°	31 213 - 153 05:55 - 21:08 58°				



	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
31				1 214 - 152 05:56 - 21:07 58°	2 215 - 151 05:57 - 21:05 58°	3 216 - 150 05:59 - 21:04 57°	4 217 - 149 06:00 - 21:02 57°
32	5 218 - 148 06:02 - 21:01 57°	6 219 - 147 06:03 - 20:59 57°	7 220 - 146 06:04 - 20:57 56°	8 221 - 145 06:06 - 20:55 56°	9 222 - 144 06:07 - 20:54 56°	10 223 - 143 06:09 - 20:52 55°	11 224 - 142 06:10 - 20:50 55°
33	12 225 - 141 06:12 - 20:48 55°	13 226 - 140 06:13 - 20:47 55°	14 227 - 139 06:15 - 20:45 54°	15 228 - 138 06:16 - 20:43 54°	16 229 - 137 06:18 - 20:41 54°	17 230 - 136 06:19 - 20:39 53°	18 231 - 135 06:21 - 20:37 53°
34	19 232 - 134 06:22 - 20:35 53°	20 233 - 133 06:24 - 20:33 52°	21 234 - 132 06:25 - 20:31 52°	22 235 - 131 06:27 - 20:29 52°	23 236 - 130 06:28 - 20:27 51°	24 237 - 129 06:29 - 20:25 51°	25 238 - 128 06:31 - 20:23 51°
35	26 239 - 127 06:32 - 20:21 50°	27 240 - 126 06:34 - 20:19 50°	28 241 - 125 06:35 - 20:17 50°	29 242 - 124 06:37 - 20:15 49°	30 243 - 123 06:38 - 20:13 49°	31 244 - 122 06:40 - 20:11 49°	