

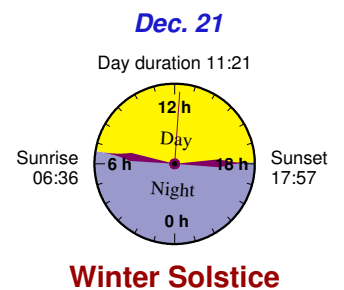
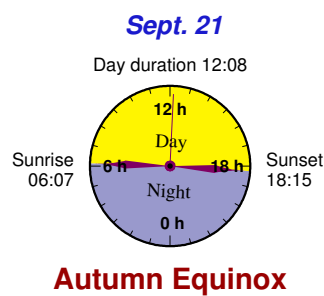
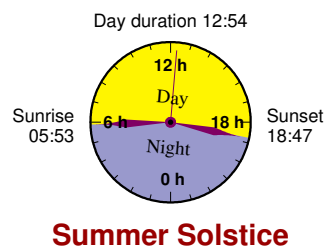
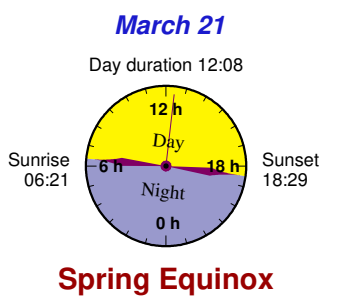
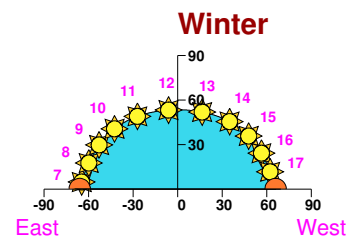
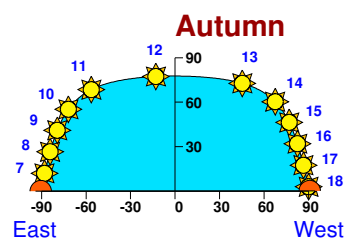
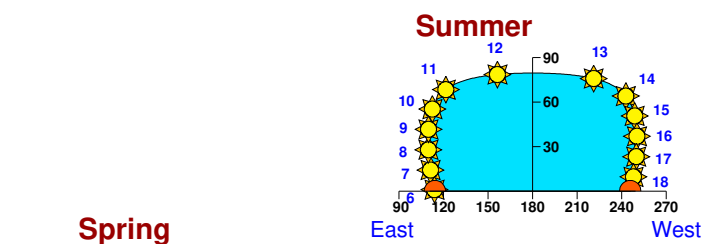
Sun Calendar 2018

Produced by *ScientiDev*
www.scientidev.fr

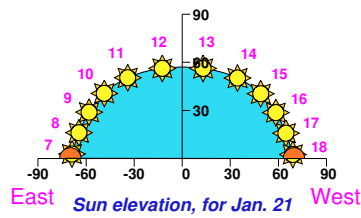
Bangkok
100.48°E, 13.08°N



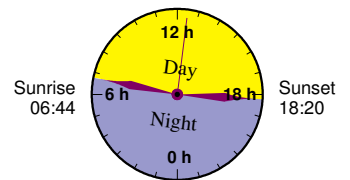
Tropical zone



January 2018



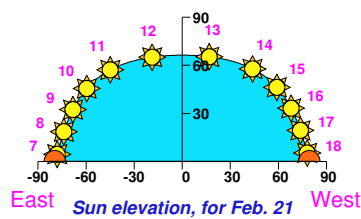
Bangkok
100.48°E, 13.08°N



Duration of the day, for January 21

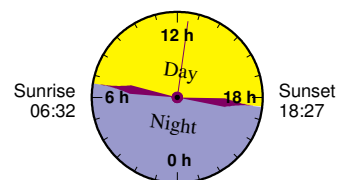
Sunrise and Sunset at Bangkok (TL $\pm$ 1 mn) and sun maximal elevation (°)

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
1	1 1 - 364 06:41 - 18:03 54° 	2 2 - 363 06:41 - 18:03 54° 	3 3 - 362 06:42 - 18:04 54° 	4 4 - 361 06:42 - 18:05 54° 	5 5 - 360 06:42 - 18:05 54° 	6 6 - 359 06:43 - 18:06 54° 	7 7 - 358 06:43 - 18:06 55°
2	8 8 - 357 06:43 - 18:07 55° 	9 9 - 356 06:43 - 18:07 55° 	10 10 - 355 06:44 - 18:08 55° 	11 11 - 354 06:44 - 18:09 55° 	12 12 - 353 06:44 - 18:09 55° 	13 13 - 352 06:44 - 18:10 55° 	14 14 - 351 06:44 - 18:10 56°
3	15 15 - 350 06:45 - 18:11 56° 	16 16 - 349 06:45 - 18:11 56° 	17 17 - 348 06:45 - 18:12 56° 	18 18 - 347 06:45 - 18:12 56° 	19 19 - 346 06:45 - 18:13 57° 	20 20 - 345 06:45 - 18:13 57° 	21 21 - 344 06:45 - 18:14 57°
4	22 22 - 343 06:45 - 18:14 57° 	23 23 - 342 06:45 - 18:15 57° 	24 24 - 341 06:45 - 18:15 58° 	25 25 - 340 06:45 - 18:16 58° 	26 26 - 339 06:45 - 18:16 58° 	27 27 - 338 06:45 - 18:17 58° 	28 28 - 337 06:45 - 18:17 59°
5	29 29 - 336 06:45 - 18:18 59° 	30 30 - 335 06:45 - 18:18 59° 	31 31 - 334 06:45 - 18:19 60° 				



February 2018

Bangkok
100.48°E, 13.08°N



Duration of the day, for February 21

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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

5

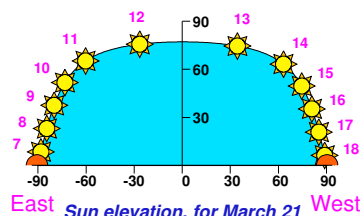
6

7

8

9

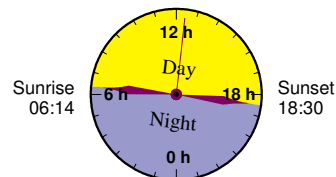
			1 32 - 333 06:44 - 18:19 60° 	2 33 - 332 06:44 - 18:19 60° 	3 34 - 331 06:44 - 18:20 60° 	4 35 - 330 06:44 - 18:20 61°
5	5 36 - 329 06:44 - 18:21 61° 	6 37 - 328 06:43 - 18:21 61° 	7 38 - 327 06:43 - 18:21 62° 	8 39 - 326 06:43 - 18:22 62° 	9 40 - 325 06:43 - 18:22 62° 	10 41 - 324 06:42 - 18:22 63°
6						
7	12 43 - 322 06:42 - 18:23 63° 	13 44 - 321 06:41 - 18:23 64° 	14 45 - 320 06:41 - 18:24 64° 	15 46 - 319 06:41 - 18:24 64° 	16 47 - 318 06:40 - 18:24 65° 	17 48 - 317 06:40 - 18:24 65°
8	19 50 - 315 06:39 - 18:25 66° 	20 51 - 314 06:38 - 18:25 66° 	21 52 - 313 06:38 - 18:25 66° 	22 53 - 312 06:38 - 18:26 67° 	23 54 - 311 06:37 - 18:26 67° 	24 55 - 310 06:37 - 18:26 67°
9	26 57 - 308 06:35 - 18:26 68° 	27 58 - 307 06:35 - 18:27 69° 	28 59 - 306 06:34 - 18:27 69° 			25 56 - 309 06:36 - 18:26 68°



March 2018

Bangkok

100.48°E, 13.08°N



Duration of the day, for March 21

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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

1 60 - 305
06:34 - 18:27 69°

2 61 - 304
06:33 - 18:27 70°

3 62 - 303
06:33 - 18:27 70°

4 63 - 302
06:32 - 18:27 70°

5 64 - 301
06:32 - 18:28 71°

6 65 - 300
06:31 - 18:28 71°

7 66 - 299
06:30 - 18:28 72°

8 67 - 298
06:30 - 18:28 72°

9 68 - 297
06:29 - 18:28 72°

10 69 - 296
06:29 - 18:28 73°

11 70 - 295
06:28 - 18:28 73°

12 71 - 294
06:27 - 18:28 74°

13 72 - 293
06:27 - 18:29 74°

14 73 - 292
06:26 - 18:29 74°

15 74 - 291
06:25 - 18:29 75°

16 75 - 290
06:25 - 18:29 75°

17 76 - 289
06:24 - 18:29 76°

18 77 - 288
06:23 - 18:29 76°

19 78 - 287
06:23 - 18:29 76°

20 79 - 286
06:22 - 18:29 77°

21 80 - 285
06:21 - 18:29 77°

22 81 - 284
06:21 - 18:29 78°

23 82 - 283
06:20 - 18:29 78°

24 83 - 282
06:19 - 18:29 78°

25 84 - 281
06:19 - 18:29 79°

26 85 - 280
06:18 - 18:29 79°

27 86 - 279
06:17 - 18:30 80°

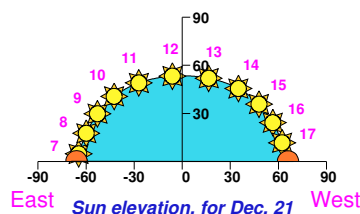
28 87 - 278
06:17 - 18:30 80°

29 88 - 277
06:16 - 18:30 80°

30 89 - 276
06:15 - 18:30 81°

31 90 - 275
06:15 - 18:30 81°

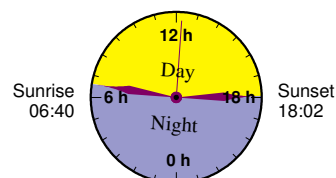
Sun Calendar © P. Robert / ScientiDev, Déc. 2014



December 2018

Bangkok

100.48°E, 13.08°N



Duration of the day, for December 21

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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

1 335 - 30
06:25 - 17:50 55°

2 336 - 29
06:26 - 17:50 55°

3 337 - 28
06:26 - 17:50 55°

4 338 - 27
06:27 - 17:50 55°

5 339 - 26
06:27 - 17:51 55°

6 340 - 25
06:28 - 17:51 54°

7 341 - 24
06:28 - 17:51 54°

8 342 - 23
06:29 - 17:51 54°

9 343 - 22
06:30 - 17:52 54°

10 344 - 21
06:30 - 17:52 54°

11 345 - 20
06:31 - 17:53 54°

12 346 - 19
06:31 - 17:53 54°

13 347 - 18
06:32 - 17:53 54°

14 348 - 17
06:32 - 17:54 54°

15 349 - 16
06:33 - 17:54 54°

16 350 - 15
06:33 - 17:55 54°

17 351 - 14
06:34 - 17:55 54°

18 352 - 13
06:34 - 17:55 54°

19 353 - 12
06:35 - 17:56 54°

20 354 - 11
06:35 - 17:56 54°

21 355 - 10
06:36 - 17:57 53°

22 356 - 9
06:36 - 17:57 53°

23 357 - 8
06:37 - 17:58 54°

24 358 - 7
06:37 - 17:58 54°

25 359 - 6
06:38 - 17:59 54°

26 360 - 5
06:38 - 17:59 54°

27 361 - 4
06:39 - 18:00 54°

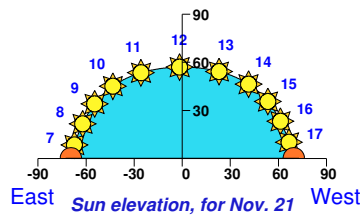
28 362 - 3
06:39 - 18:01 54°

29 363 - 2
06:40 - 18:01 54°

30 364 - 1
06:40 - 18:02 54°

31 365 - 0
06:40 - 18:02 54°

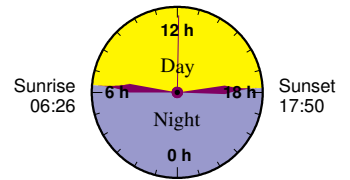
Sun Calendar © P. Robert / ScientiDev, Déc. 2014



November 2018

Bangkok

100.48°E, 13.08°N



Duration of the day, for November 21

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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

1 305 - 60
06:12 - 17:52 63°

2 306 - 59
06:13 - 17:51 62°

3 307 - 58
06:13 - 17:51 62°

4 308 - 57
06:13 - 17:51 62°

5 309 - 56
06:13 - 17:50 61°

6 310 - 55
06:14 - 17:50 61°

7 311 - 54
06:14 - 17:50 61°

8 312 - 53
06:15 - 17:50 60°

9 313 - 52
06:15 - 17:49 60°

10 314 - 51
06:15 - 17:49 60°

11 315 - 50
06:16 - 17:49 60°

12 316 - 49
06:16 - 17:49 59°

13 317 - 48
06:16 - 17:49 59°

14 318 - 47
06:17 - 17:49 59°

15 319 - 46
06:17 - 17:49 58°

16 320 - 45
06:18 - 17:49 58°

17 321 - 44
06:18 - 17:48 58°

18 322 - 43
06:19 - 17:48 58°

19 323 - 42
06:19 - 17:48 57°

20 324 - 41
06:20 - 17:48 57°

21 325 - 40
06:20 - 17:48 57°

22 326 - 39
06:21 - 17:48 57°

23 327 - 38
06:21 - 17:48 57°

24 328 - 37
06:22 - 17:49 56°

25 329 - 36
06:22 - 17:49 56°

26 330 - 35
06:23 - 17:49 56°

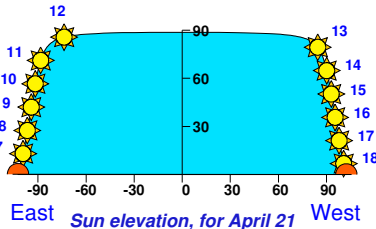
27 331 - 34
06:23 - 17:49 56°

28 332 - 33
06:24 - 17:49 56°

29 333 - 32
06:24 - 17:49 55°

30 334 - 31
06:25 - 17:49 55°

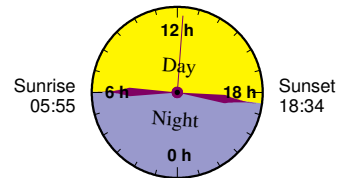
Sun Calendar © P. Robert / ScientiDev, Déc. 2014



April 2018

Bangkok

100.48°E, 13.08°N



Duration of the day, for April 21

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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

1 91 - 274
06:14 - 18:30 81°

2 92 - 273
06:13 - 18:30 82°

3 93 - 272
06:13 - 18:30 82°

4 94 - 271
06:12 - 18:30 83°

5 95 - 270
06:11 - 18:30 83°

6 96 - 269
06:11 - 18:30 83°

7 97 - 268
06:10 - 18:30 84°

8 98 - 267
06:10 - 18:30 84°

9 99 - 266
06:09 - 18:30 84°

10 100 - 265
06:08 - 18:31 85°

11 101 - 264
06:08 - 18:31 85°

12 102 - 263
06:07 - 18:31 86°

13 103 - 262
06:06 - 18:31 86°

14 104 - 261
06:06 - 18:31 86°

15 105 - 260
06:05 - 18:31 87°

16 106 - 259
06:05 - 18:31 87°

17 107 - 258
06:04 - 18:31 87°

18 108 - 257
06:04 - 18:31 88°

19 109 - 256
06:03 - 18:31 88°

20 110 - 255
06:02 - 18:32 88°

21 111 - 254
06:02 - 18:32 89°

22 112 - 253
06:01 - 18:32 89°

23 113 - 252
06:01 - 18:32 89°

24 114 - 251
06:00 - 18:32 89°

25 115 - 250
06:00 - 18:32 89°

26 116 - 249
05:59 - 18:32 89°

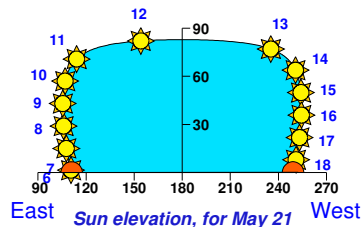
27 117 - 248
05:59 - 18:33 89°

28 118 - 247
05:58 - 18:33 89°

29 119 - 246
05:58 - 18:33 89°

30 120 - 245
05:58 - 18:33 88°

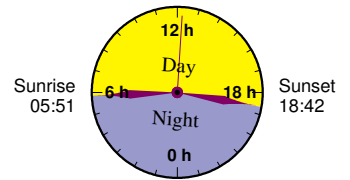
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May 2018

Bangkok

100.48°E, 13.08°N



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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

18

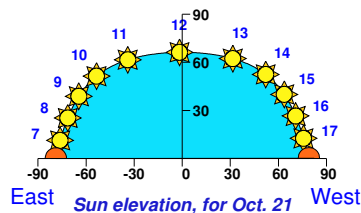
19

20

21

22

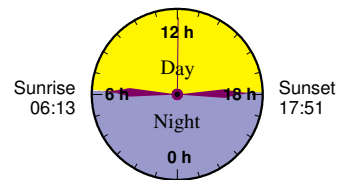
Sun Calendar © P. Robert / ScientiDev, Déc. 2014



October 2018

Bangkok

100.48°E, 13.08°N



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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

40

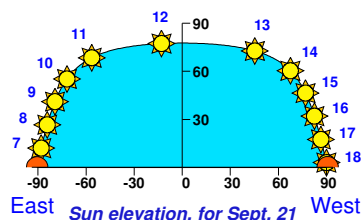
41

42

43

44

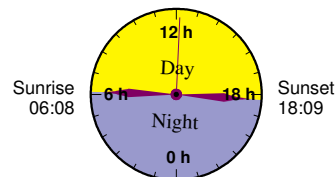
Sun Calendar © P. Robert / ScientiDev, Déc. 2014



September 2018

Bangkok

100.48°E, 13.08°N



Duration of the day, for September 21

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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

35

36

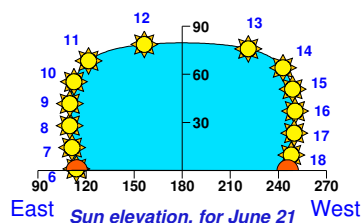
37

38

39

1 244 - 121 06:07 - 18:29 85°	2 245 - 120 06:07 - 18:29 85°
3 246 - 119 06:07 - 18:28 84°	4 247 - 118 06:07 - 18:27 84°
10 253 - 112 06:07 - 18:23 82°	11 254 - 111 06:07 - 18:22 81°
17 260 - 105 06:07 - 18:18 79°	18 261 - 104 06:07 - 18:17 79°
24 267 - 98 06:07 - 18:13 76°	25 268 - 97 06:07 - 18:12 76°
29 272 - 93 06:07 - 18:10 75°	30 273 - 92 06:08 - 18:09 74°

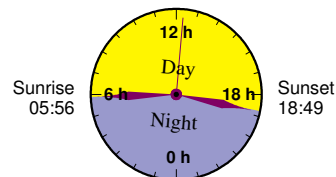
Sun Calendar © P. Robert / ScientiDev, Déc. 2014



June 2018

Bangkok

100.48°E, 13.08°N



Duration of the day, for June 21

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

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

22

23

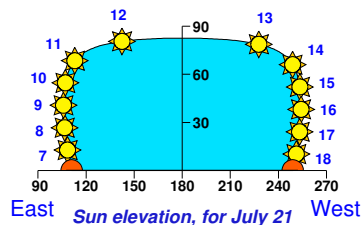
24

25

26

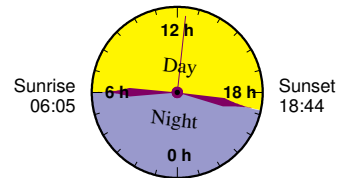
1 152 - 213 05:51 - 18:41 81°	2 153 - 212 05:51 - 18:42 81°	3 154 - 211 05:51 - 18:42 81°
4 155 - 210 05:51 - 18:42 81°	5 156 - 209 05:51 - 18:43 81°	6 157 - 208 05:51 - 18:43 80°
11 162 - 203 05:51 - 18:44 80°	12 163 - 202 05:52 - 18:45 80°	13 164 - 201 05:52 - 18:45 80°
18 169 - 196 05:53 - 18:46 80°	19 170 - 195 05:53 - 18:46 80°	20 171 - 194 05:53 - 18:47 80°
25 176 - 189 05:54 - 18:48 80°	26 177 - 188 05:54 - 18:48 80°	27 178 - 187 05:55 - 18:48 80°
28 179 - 186 05:55 - 18:48 80°	29 180 - 185 05:55 - 18:48 80°	30 181 - 184 05:55 - 18:48 80°

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July 2018

Bangkok
100.48°E, 13.08°N



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

Monday Tuesday Wednesday Thursday Friday Saturday Sunday

26

27

28

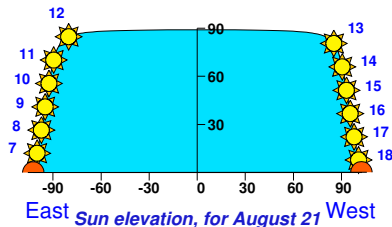
29

30

31

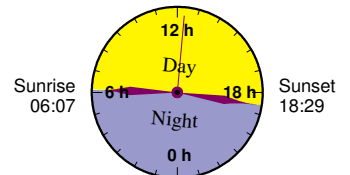
						1 182 - 183 05:56 - 18:49 80°
2 183 - 182 05:56 - 18:49 80° 	3 184 - 181 05:56 - 18:49 80° 	4 185 - 180 05:57 - 18:49 80° 	5 186 - 179 05:57 - 18:49 80° 	6 187 - 178 05:57 - 18:49 80° 	7 188 - 177 05:57 - 18:49 80° 	8 189 - 176 05:58 - 18:49 81°
9 190 - 175 05:58 - 18:49 81° 	10 191 - 174 05:58 - 18:49 81° 	11 192 - 173 05:59 - 18:49 81° 	12 193 - 172 05:59 - 18:49 81° 	13 194 - 171 05:59 - 18:49 81° 	14 195 - 170 05:59 - 18:49 81° 	15 196 - 169 06:00 - 18:49 82°
16 197 - 168 06:00 - 18:49 82° 	17 198 - 167 06:00 - 18:49 82° 	18 199 - 166 06:01 - 18:49 82° 	19 200 - 165 06:01 - 18:49 82° 	20 201 - 164 06:01 - 18:48 82° 	21 202 - 163 06:01 - 18:48 83° 	22 203 - 162 06:02 - 18:48 83°
23 204 - 161 06:02 - 18:48 83° 	24 205 - 160 06:02 - 18:48 83° 	25 206 - 159 06:02 - 18:47 83° 	26 207 - 158 06:03 - 18:47 84° 	27 208 - 157 06:03 - 18:47 84° 	28 209 - 156 06:03 - 18:47 84° 	29 210 - 155 06:03 - 18:46 84°
30 211 - 154 06:03 - 18:46 85° 	31 212 - 153 06:04 - 18:46 85° 					

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August 2018

Bangkok
100.48°E, 13.08°N



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

Monday Tuesday Wednesday Thursday Friday Saturday Sunday

31

32

33

34

35

		1 213 - 152 06:04 - 18:45 85° 	2 214 - 151 06:04 - 18:45 85° 	3 215 - 150 06:04 - 18:45 86° 	4 216 - 149 06:04 - 18:44 86° 	5 217 - 148 06:05 - 18:44 86°
6 218 - 147 06:05 - 18:44 86° 	7 219 - 146 06:05 - 18:43 87° 	8 220 - 145 06:05 - 18:43 87° 	9 221 - 144 06:05 - 18:42 87° 	10 222 - 143 06:05 - 18:42 88° 	11 Day at anytime 	12 224 - 141 06:06 - 18:41 88°
13 225 - 140 06:06 - 18:41 88° 	14 226 - 139 06:06 - 18:40 89° 	15 227 - 138 06:06 - 18:40 89° 	16 228 - 137 06:06 - 18:39 89° 	17 229 - 136 06:06 - 18:38 89° 	18 230 - 135 06:06 - 18:38 89° 	19 231 - 134 06:06 - 18:37 89°
20 232 - 133 06:07 - 18:37 89° 	21 233 - 132 06:07 - 18:36 89° 	22 234 - 131 06:07 - 18:36 89° 	23 235 - 130 06:07 - 18:35 88° 	24 236 - 129 06:07 - 18:34 88° 	25 237 - 128 06:07 - 18:34 88° 	26 238 - 127 06:07 - 18:33 87°
27 239 - 126 06:07 - 18:33 87° 	28 240 - 125 06:07 - 18:32 87° 	29 241 - 124 06:07 - 18:31 86° 	30 242 - 123 06:07 - 18:31 86° 	31 243 - 122 06:07 - 18:30 86° 		

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