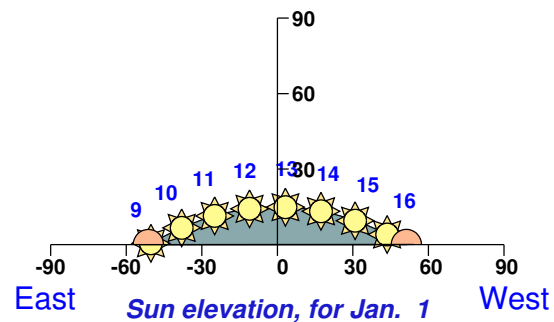
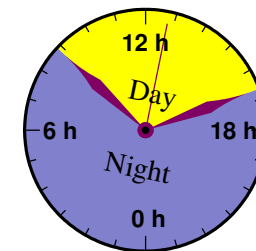
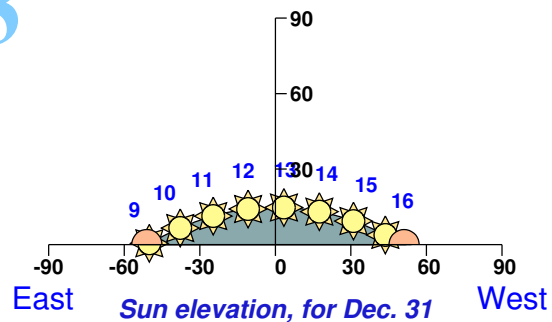
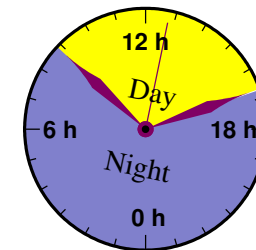


Sun Diary **2018**

Week **1****Dec. - Jan. 2019**
Noordwijk
 4.26°E, 52.14°N
*Duration of the day, for Dec. 31***Monday 1****Tuesday 2****Wednesday 3****Thursday 4****Friday 4****Saturday 5****Sunday 6***Sunrise and Sunset at Noordwijk (TL ± 1 mn)*

1 - 364 08:52 - 16:42	2 - 363 08:52 - 16:43	3 - 362 08:52 - 16:44	4 - 361 08:51 - 16:45	4 - 361 08:51 - 16:45	5 - 360 08:51 - 16:46	6 - 359 08:51 - 16:47
8	8	8	8	8	8	8
9	9	9	9	9	9	9
10	10	10	10	10	10	10
11	11	11	11	11	11	11
12	12	12	12	12	12	12
13	13	13	13	13	13	13
14	14	14	14	14	14	14
15	15	15	15	15	15	15
16	16	16	16	16	16	16
17	17	17	17	17	17	17
18	18	18	18	18	18	18
19	19	19	19	19	19	19
20	20	20	20	20	20	20
7:49 +1 m. 15°	7:50 +1 m. 15°	7:52 +1 m. 15°	7:53 +1 m. 15°	7:53 +1 m. 15°	7:54 +1 m. 15°	7:56 +2 m. 15°

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

Week **53****January 2018**
Noordwijk
 4.26°E, 52.14°N
*Duration of the day, for Jan. 1***Monday 31****Tuesday 1****Wednesday 2****Thursday 3****Friday 5****Saturday 6****Sunday 7***Sunrise and Sunset at Noordwijk (TL ± 1 mn)***365 - 0**

08:52 - 16:40

8 —
9 —
10 —
11 —
12 —
13 —
14 —
15 —
16 —
17 —
18 —
19 —
20 —

7:48 +1 m. 15°

1 - 364

08:52 - 16:41

8 —
9 —
10 —
11 —
12 —
13 —
14 —
15 —
16 —
17 —
18 —
19 —
20 —

7:49 +1 m. 15°

2 - 363

08:52 - 16:42

8 —
9 —
10 —
11 —
12 —
13 —
14 —
15 —
16 —
17 —
18 —
19 —
20 —

7:50 +1 m. 15°

3 - 362

08:52 - 16:44

8 —
9 —
10 —
11 —
12 —
13 —
14 —
15 —
16 —
17 —
18 —
19 —
20 —

7:51 +1 m. 15°

5 - 360

08:51 - 16:46

8 —
9 —
10 —
11 —
12 —
13 —
14 —
15 —
16 —
17 —
18 —
19 —
20 —

7:55 +1 m. 15°

6 - 359

08:51 - 16:48

8 —
9 —
10 —
11 —
12 —
13 —
14 —
15 —
16 —
17 —
18 —
19 —
20 —

7:56 +2 m. 15°

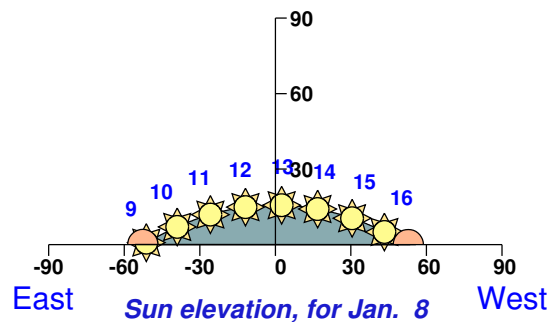
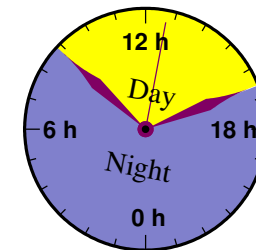
7 - 358

08:50 - 16:49

8 —
9 —
10 —
11 —
12 —
13 —
14 —
15 —
16 —
17 —
18 —
19 —
20 —

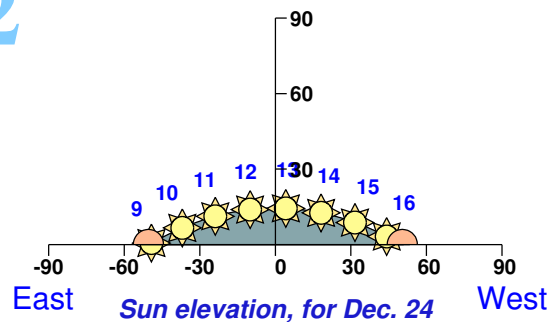
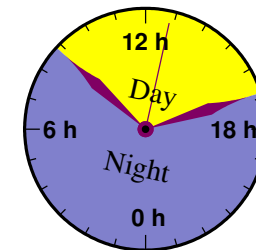
7:58 +2 m. 16°

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

Week **2****December 2018**
Noordwijk
 4.26°E, 52.14°N
*Duration of the day, for Dec. 24***Monday 8****Tuesday 9****Wednesday 10****Thursday 11****Friday 28****Saturday 29****Sunday 30***Sunrise and Sunset at Noordwijk (TL ± 1 mn)*

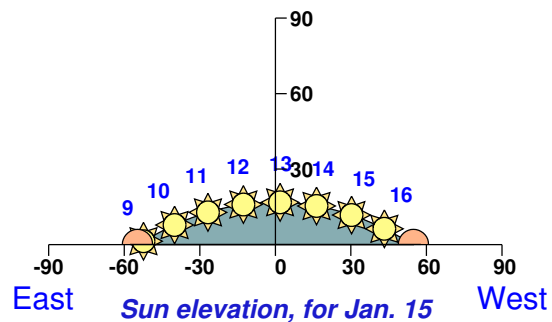
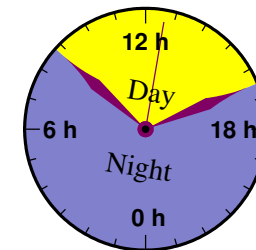
8 - 357 08:50 - 16:50				362 - 3 08:52 - 16:37		
9 - 356 08:49 - 16:52				363 - 2 08:52 - 16:38		
10 - 355 08:49 - 16:53				364 - 1 08:52 - 16:39		
11 - 354 08:48 - 16:54						
8	8	8	8	8	8	8
9	9	9	9	9	9	9
10	10	10	10	10	10	10
11	11	11	11	11	11	11
12	12	12	12	12	12	12
13	13	13	13	13	13	13
14	14	14	14	14	14	14
15	15	15	15	15	15	15
16	16	16	16	16	16	16
17	17	17	17	17	17	17
18	18	18	18	18	18	18
19	19	19	19	19	19	19
20	20	20	20	20	20	20
8:00	8:02	8:04	8:06	7:45	7:46	7:47
+2 m.	+2 m.	+2 m.	+2 m.	+1 m.	+1 m.	+1 m.
16°	16°	16°	16°	15°	15°	15°

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

Week **52****January 2018**
Noordwijk
 4.26°E, 52.14°N
*Duration of the day, for Jan. 8*
Monday 24 **Tuesday 25** **Wednesday 26** **Thursday 27**
Friday 12 **Saturday 13** **Sunday 14**
Sunrise and Sunset at Noordwijk (TL ± 1 mn)

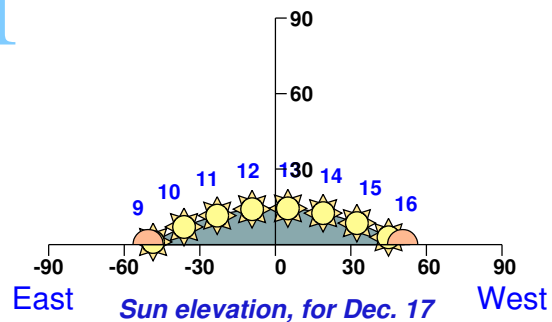
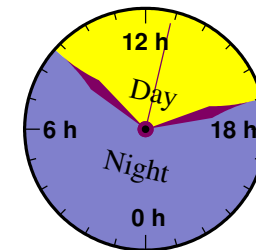
358 - 7 08:51 - 16:34				12 - 353 08:47 - 16:56		
359 - 6 08:51 - 16:35				13 - 352 08:47 - 16:57		
360 - 5 08:52 - 16:36				14 - 351 08:46 - 16:59		
361 - 4 08:52 - 16:37						
8	8	8	8	8	8	8
9	9	9	9	9	9	9
10	10	10	10	10	10	10
11	11	11	11	11	11	11
12	12	12	12	12	12	12
13	13	13	13	13	13	13
14	14	14	14	14	14	14
15	15	15	15	15	15	15
16	16	16	16	16	16	16
17	17	17	17	17	17	17
18	18	18	18	18	18	18
19	19	19	19	19	19	19
20	20	20	20	20	20	20
7:43 <i>+0 m.</i> 15°	7:43 <i>+0 m.</i> 15°	7:44 <i>+0 m.</i> 15°	7:44 <i>+0 m.</i> 15°	8:08 <i>+2 m.</i> 16°	8:10 <i>+2 m.</i> 16°	8:13 <i>+2 m.</i> 17°

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

Week **3****December 2018**
Noordwijk
 4.26°E, 52.14°N
*Duration of the day, for Dec. 17*
Monday 15 **Tuesday 16** **Wednesday 17** **Thursday 18**
Friday 21 **Saturday 22** **Sunday 23**
Sunrise and Sunset at Noordwijk (TL ± 1 mn)

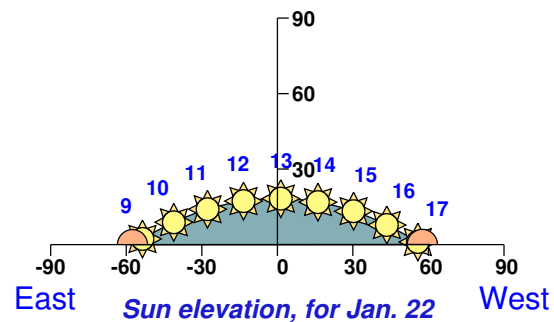
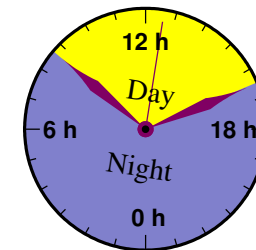
15 - 350 08:45 - 17:01				355 - 10 08:50 - 16:33		
16 - 349 08:44 - 17:02				356 - 9 08:50 - 16:33		
17 - 348 08:43 - 17:04				357 - 8 08:51 - 16:34		
18 - 347 08:42 - 17:05						
8	8	8	8	8	8	8
9	9	9	9	9	9	9
10	10	10	10	10	10	10
11	11	11	11	11	11	11
12	12	12	12	12	12	12
13	13	13	13	13	13	13
14	14	14	14	14	14	14
15	15	15	15	15	15	15
16	16	16	16	16	16	16
17	17	17	17	17	17	17
18	18	18	18	18	18	18
19	19	19	19	19	19	19
20	20	20	20	20	20	20
8:15 +2 m. 17°	8:18 +2 m. 17°	8:20 +3 m. 17°	8:23 +3 m. 17°	7:43 +0 m. 14°	7:43 +0 m. 14°	7:43 +0 m. 14°

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

Week **51****January 2018**
Noordwijk
 4.26°E, 52.14°N
*Duration of the day, for Jan. 15*
Monday 17 **Tuesday 18** **Wednesday 19** **Thursday 20**
Friday 19 **Saturday 20** **Sunday 21**
Sunrise and Sunset at Noordwijk (TL ± 1 mn)

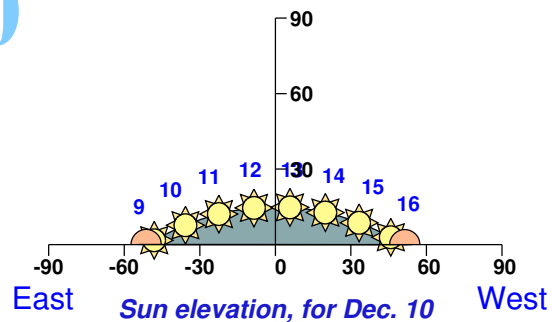
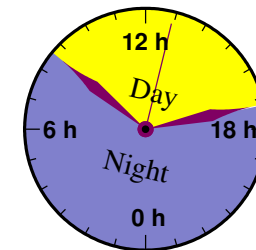
351 - 14 08:47 - 16:31				19 - 346 08:41 - 17:07		
352 - 13 08:48 - 16:32				20 - 345 08:40 - 17:09		
353 - 12 08:48 - 16:32				21 - 344 08:39 - 17:11		
354 - 11 08:49 - 16:32						
8	8	8	8	8	8	8
9	9	9	9	9	9	9
10	10	10	10	10	10	10
11	11	11	11	11	11	11
12	12	12	12	12	12	12
13	13	13	13	13	13	13
14	14	14	14	14	14	14
15	15	15	15	15	15	15
16	16	16	16	16	16	16
17	17	17	17	17	17	17
18	18	18	18	18	18	18
19	19	19	19	19	19	19
20	20	20	20	20	20	20
7:44 +0 m. 15°	7:43 +0 m. 15°	7:43 +0 m. 15°	7:43 +0 m. 14°	8:26 +3 m. 18°	8:28 +3 m. 18°	8:31 +3 m. 18°

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

Week **4****December 2018**
Noordwijk
 4.26°E, 52.14°N
*Duration of the day, for Dec. 10*
Monday 22 **Tuesday 23** **Wednesday 24** **Thursday 25**
Friday 14 **Saturday 15** **Sunday 16**
Sunrise and Sunset at Noordwijk (TL ± 1 mn)

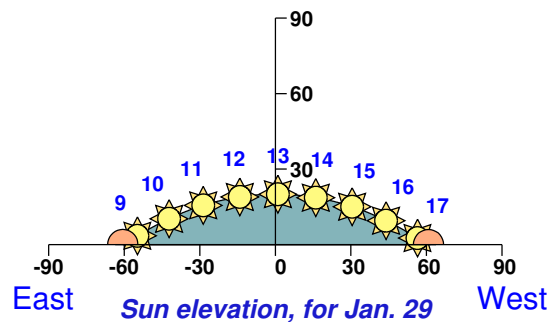
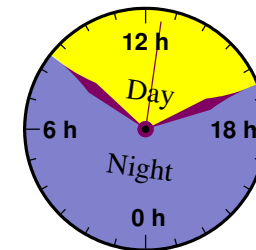
22 - 343 08:38 - 17:12	23 - 342 08:36 - 17:14	24 - 341 08:35 - 17:16	25 - 340 08:34 - 17:18	348 - 17 08:45 - 16:31	349 - 16 08:45 - 16:31	350 - 15 08:46 - 16:31
8	8	8	8	8	8	8
9	9	9	9	9	9	9
10	10	10	10	10	10	10
11	11	11	11	11	11	11
12	12	12	12	12	12	12
13	13	13	13	13	13	13
14	14	14	14	14	14	14
15	15	15	15	15	15	15
16	16	16	16	16	16	16
17	17	17	17	17	17	17
18	18	18	18	18	18	18
19	19	19	19	19	19	19
20	20	20	20	20	20	20
8:34 +3 m. 18°	8:37 +3 m. 19°	8:40 +3 m. 19°	8:43 +3 m. 19°	7:46 +0 m. 15°	7:45 +0 m. 15°	7:44 +0 m. 15°

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

Week **50****January 2018**
Noordwijk
 4.26°E, 52.14°N
*Duration of the day, for Jan. 22*
Monday 10 **Tuesday 11** **Wednesday 12** **Thursday 13**
Friday 26 **Saturday 27** **Sunday 28**
Sunrise and Sunset at Noordwijk (TL ± 1 mn)

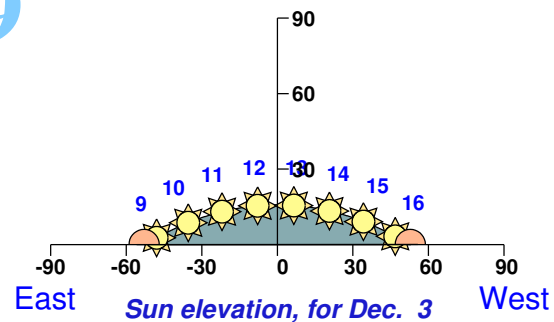
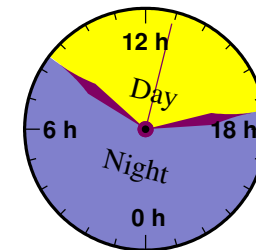
344 - 21 08:41 - 16:31				26 - 339 08:33 - 17:19		
345 - 20 08:42 - 16:31				27 - 338 08:31 - 17:21		
346 - 19 08:43 - 16:31				28 - 337 08:30 - 17:23		
347 - 18 08:44 - 16:31						
8	8	8	8	8	8	8
9	9	9	9	9	9	9
10	10	10	10	10	10	10
11	11	11	11	11	11	11
12	12	12	12	12	12	12
13	13	13	13	13	13	13
14	14	14	14	14	14	14
15	15	15	15	15	15	15
16	16	16	16	16	16	16
17	17	17	17	17	17	17
18	18	18	18	18	18	18
19	19	19	19	19	19	19
20	20	20	20	20	20	20
7:50 +0 m. 15°	7:49 +0 m. 15°	7:48 +0 m. 15°	7:47 +0 m. 15°	8:46 +3 m. 19°	8:50 +3 m. 20°	8:53 +3 m. 20°

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

Week **5****December 2018**
Noordwijk
 4.26°E, 52.14°N
*Duration of the day, for Dec. 3*
Monday 29 **Tuesday 30** **Wednesday 31** **Thursday 1**
Friday 7 **Saturday 8** **Sunday 9**
Sunrise and Sunset at Noordwijk (TL ± 1 mn)

29 - 336 08:28 - 17:25				341 - 24 08:37 - 16:32		
30 - 335 08:27 - 17:27				342 - 23 08:38 - 16:31		
31 - 334 08:25 - 17:28				343 - 22 08:39 - 16:31		
32 - 333 08:24 - 17:30						
8	8	8	8	8	8	8
9	9	9	9	9	9	9
10	10	10	10	10	10	10
11	11	11	11	11	11	11
12	12	12	12	12	12	12
13	13	13	13	13	13	13
14	14	14	14	14	14	14
15	15	15	15	15	15	15
16	16	16	16	16	16	16
17	17	17	17	17	17	17
18	18	18	18	18	18	18
19	19	19	19	19	19	19
20	20	20	20	20	20	20
8:56 +3 m. 20°	8:59 +3 m. 20°	9:03 +3 m. 21°	9:06 +3 m. 21°	7:54 -1 m. 15°	7:53 -1 m. 15°	7:51 +0 m. 15°

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

Week **49****Jan. - Feb. 2018**
Noordwijk
 4.26°E, 52.14°N
*Duration of the day, for Jan. 29***Monday 3****Tuesday 4****Wednesday 5****Thursday 6****Friday 2****Saturday 3****Sunday 4***Sunrise and Sunset at Noordwijk (TL ± 1 mn)***337 - 28**

08:32 - 16:33

8
9
10
11
12
13
14
15
16
17
18
19
20

8:01 -1 m. 16°

338 - 27

Polar Night

8
9
10
11
12
13
14
15
16
17
18
19
20

339 - 26

08:35 - 16:32

8
9
10
11
12
13
14
15
16
17
18
19
20

7:57 +478 m. 16°

340 - 25

08:36 - 16:32

8
9
10
11
12
13
14
15
16
17
18
19
20

7:56 -1 m. 15°

33 - 332

08:22 - 17:32

8
9
10
11
12
13
14
15
16
17
18
19
20

9:10 +3 m. 21°

34 - 331

08:20 - 17:34

8
9
10
11
12
13
14
15
16
17
18
19
20

9:13 +3 m. 21°

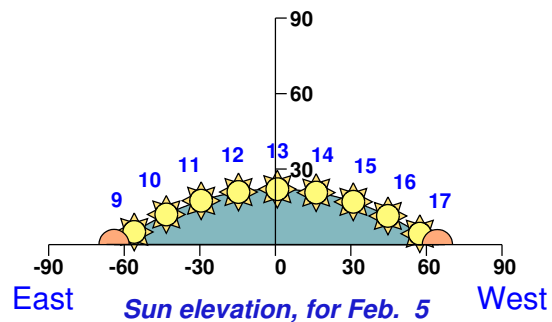
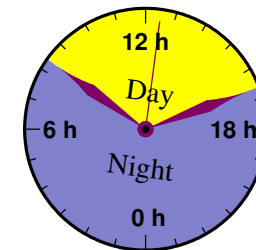
35 - 330

08:19 - 17:36

8
9
10
11
12
13
14
15
16
17
18
19
20

9:17 +3 m. 22°

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

Week **6****Nov. - Dec. 2018**
Noordwijk
 4.26°E, 52.14°N
*Duration of the day, for Nov. 26***Monday 5****Tuesday 6****Wednesday 7****Thursday 8****Friday 30****Saturday 1****Sunday 2***Sunrise and Sunset at Noordwijk (TL ± 1 mn)*

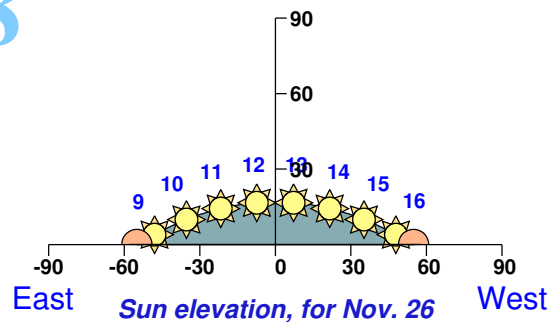
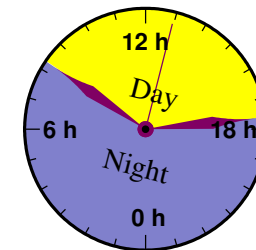
36 - 329 08:17 - 17:38				334 - 31 08:28 - 16:35		
8				8		
9				9		
10				10		
11				11		
12				12		
13				13		
14				14		
15				15		
16				16		
17				17		
18				18		
19				19		
20				20		
9:20	+3 m.	22°		8:07	-1 m.	16°

37 - 328 08:15 - 17:40				335 - 30 08:29 - 16:35		
8				8		
9				9		
10				10		
11				11		
12				12		
13				13		
14				14		
15				15		
16				16		
17				17		
18				18		
19				19		
20				20		
9:24	+4 m.	22°		8:05	-1 m.	16°

38 - 327 08:14 - 17:42				336 - 29 08:31 - 16:34		
8				8		
9				9		
10				10		
11				11		
12				12		
13				13		
14				14		
15				15		
16				16		
17				17		
18				18		
19				19		
20				20		
9:28	+4 m.	23°		8:03	-1 m.	16°

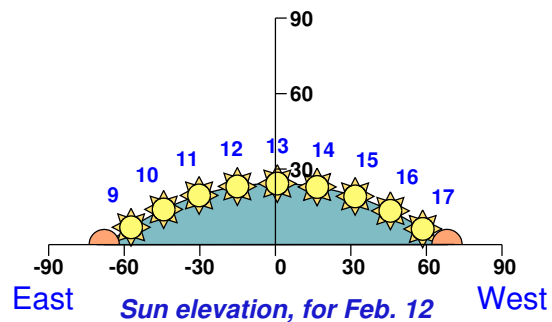
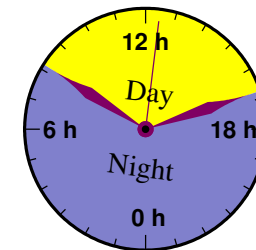
39 - 326 08:12 - 17:43						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
9:31	+3 m.	23°				

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

Week **48****February 2018**
Noordwijk
 4.26°E, 52.14°N
*Duration of the day, for Feb. 5*
Monday 26 **Tuesday 27** **Wednesday 28** **Thursday 29**
Friday 9 **Saturday 10** **Sunday 11**
Sunrise and Sunset at Noordwijk (TL ± 1 mn)

330 - 35 08:22 - 16:39				40 - 325 08:10 - 17:45		
331 - 34 08:23 - 16:38				41 - 324 08:08 - 17:47		
332 - 33 08:25 - 16:37				42 - 323 08:06 - 17:49		
333 - 32 08:26 - 16:36						
8	8	8	8	8	8	8
9	9	9	9	9	9	9
10	10	10	10	10	10	10
11	11	11	11	11	11	11
12	12	12	12	12	12	12
13	13	13	13	13	13	13
14	14	14	14	14	14	14
15	15	15	15	15	15	15
16	16	16	16	16	16	16
17	17	17	17	17	17	17
18	18	18	18	18	18	18
19	19	19	19	19	19	19
20	20	20	20	20	20	20
8:17 -2 m. 17°	8:14 -2 m. 17°	8:12 -1 m. 17°	8:09 -1 m. 16°	9:35 +4 m. 23°	9:39 +4 m. 24°	9:42 +4 m. 24°

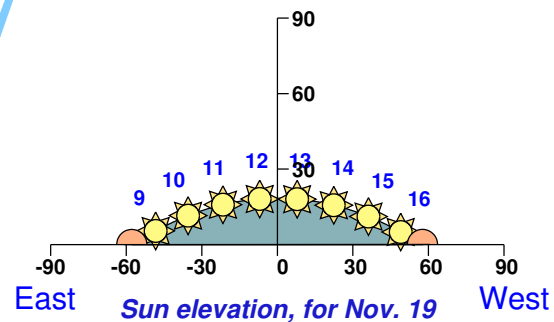
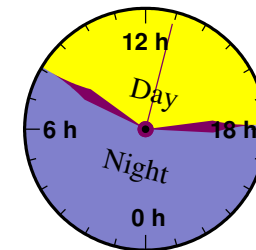
Duration of the day - Variation - Sun maximal elevation (°)

Week **7****November 2018**
Noordwijk
 4.26°E, 52.14°N
*Duration of the day, for Nov. 19*
Monday 12 **Tuesday 13** **Wednesday 14** **Thursday 15**
Friday 23 **Saturday 24** **Sunday 25**
Sunrise and Sunset at Noordwijk (TL ± 1 mn)

43 - 322 08:04 - 17:51			44 - 321 08:03 - 17:53			45 - 320 08:01 - 17:55			46 - 319 07:59 - 17:57		
8			8			8			8		
9			9			9			9		
10			10			10			10		
11			11			11			11		
12			12			12			12		
13			13			13			13		
14			14			14			14		
15			15			15			15		
16			16			16			16		
17			17			17			17		
18			18			18			18		
19			19			19			19		
20			20			20			20		
9:46	+4 m.	24°	9:50	+4 m.	25°	9:54	+4 m.	25°	9:57	+4 m.	25°

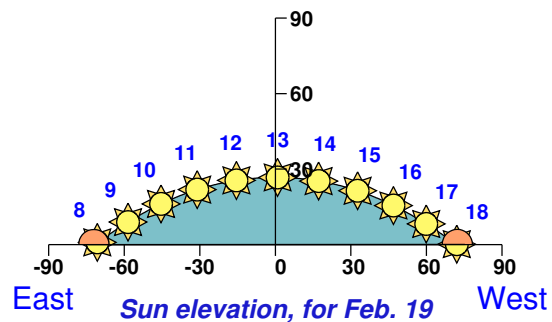
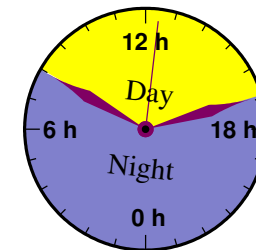
327 - 38 08:17 - 16:42			328 - 37 08:19 - 16:41			329 - 36 08:20 - 16:40		
8			8			8		
9			9			9		
10			10			10		
11			11			11		
12			12			12		
13			13			13		
14			14			14		
15			15			15		
16			16			16		
17			17			17		
18			18			18		
19			19			19		
20			20			20		
8:24	-2 m.	18°	8:22	-2 m.	17°	8:19	-2 m.	17°

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

Week **47****February 2018**
Noordwijk
 4.26°E, 52.14°N
*Duration of the day, for Feb. 12*
Monday 19 **Tuesday 20** **Wednesday 21** **Thursday 22**
Friday 16 **Saturday 17** **Sunday 18**
Sunrise and Sunset at Noordwijk (TL ± 1 mn)

323 - 42 08:10 - 16:46				47 - 318 07:57 - 17:58		
324 - 41 08:12 - 16:45				48 - 317 07:55 - 18:00		
325 - 40 08:14 - 16:44				49 - 316 07:53 - 18:02		
326 - 39 08:15 - 16:43						
8	8	8	8	8	8	8
9	9	9	9	9	9	9
10	10	10	10	10	10	10
11	11	11	11	11	11	11
12	12	12	12	12	12	12
13	13	13	13	13	13	13
14	14	14	14	14	14	14
15	15	15	15	15	15	15
16	16	16	16	16	16	16
17	17	17	17	17	17	17
18	18	18	18	18	18	18
19	19	19	19	19	19	19
20	20	20	20	20	20	20
8:36 -2 m. 18°	8:33 -2 m. 18°	8:30 -2 m. 18°	8:27 -2 m. 18°	10:02 +4 m. 26°	10:06 +3 m. 26°	10:10 +3 m. 26°

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

Week **8****November 2018**
Noordwijk
 4.26°E, 52.14°N
*Duration of the day, for Nov. 12*
Monday 19 **Tuesday 20** **Wednesday 21** **Thursday 22**
Friday 16 **Saturday 17** **Sunday 18**
Sunrise and Sunset at Noordwijk (TL ± 1 mn)

50 - 315 07:51 - 18:04				320 - 45 08:05 - 16:50		
51 - 314 07:49 - 18:06				321 - 44 08:07 - 16:49		
52 - 313 07:47 - 18:08				322 - 43 08:08 - 16:48		
53 - 312 07:44 - 18:10						
8	8	8	8	8	8	8
9	9	9	9	9	9	9
10	10	10	10	10	10	10
11	11	11	11	11	11	11
12	12	12	12	12	12	12
13	13	13	13	13	13	13
14	14	14	14	14	14	14
15	15	15	15	15	15	15
16	16	16	16	16	16	16
17	17	17	17	17	17	17
18	18	18	18	18	18	18
19	19	19	19	19	19	19
20	20	20	20	20	20	20
10:14	+4 m.	27°		8:45	-2 m.	19°

10:17 +3 m. 27°

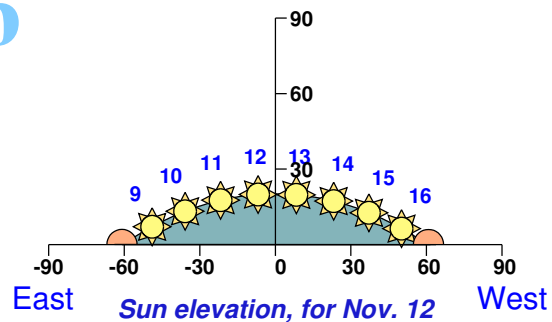
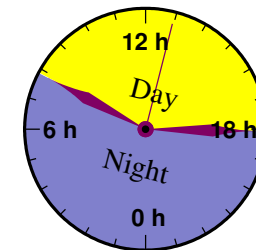
10:21 +4 m. 27°

10:25 +4 m. 28°

8:42 -2 m. 19°

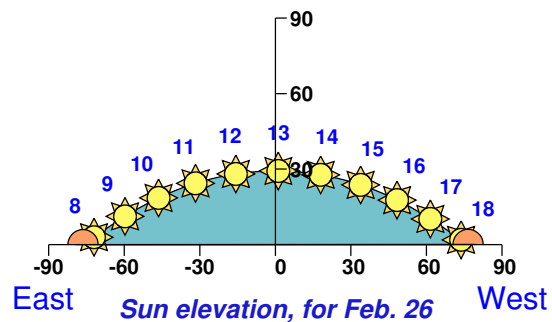
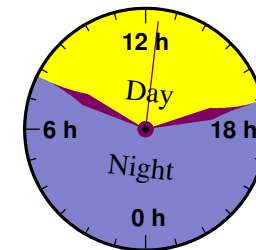
8:39 -2 m. 19°

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

Week **46****February 2018**
Noordwijk
 4.26°E, 52.14°N
*Duration of the day, for Feb. 19*
Monday 12 **Tuesday 13** **Wednesday 14** **Thursday 15**
Friday 23 **Saturday 24** **Sunday 25**
Sunrise and Sunset at Noordwijk (TL ± 1 mn)

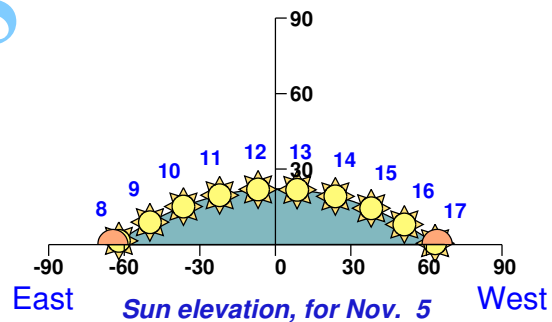
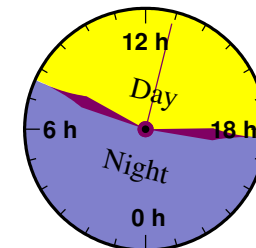
316 - 49 07:58 - 16:56				54 - 311 07:42 - 18:11		
317 - 48 08:00 - 16:54				55 - 310 07:40 - 18:13		
318 - 47 08:02 - 16:53				56 - 309 07:38 - 18:15		
319 - 46 08:03 - 16:52						
8	8	8	8	8	8	8
9	9	9	9	9	9	9
10	10	10	10	10	10	10
11	11	11	11	11	11	11
12	12	12	12	12	12	12
13	13	13	13	13	13	13
14	14	14	14	14	14	14
15	15	15	15	15	15	15
16	16	16	16	16	16	16
17	17	17	17	17	17	17
18	18	18	18	18	18	18
19	19	19	19	19	19	19
20	20	20	20	20	20	20
8:58 -2 m. 20°	8:54 -2 m. 20°	8:51 -2 m. 20°	8:48 -2 m. 19°	10:29 +4 m. 28°	10:33 +4 m. 29°	10:37 +4 m. 29°

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

Week **9****November 2018**
Noordwijk
 4.26°E, 52.14°N
*Duration of the day, for Nov. 5*
Monday 26 **Tuesday 27** **Wednesday 28** **Thursday 1**
Friday 9 **Saturday 10** **Sunday 11**
Sunrise and Sunset at Noordwijk (TL ± 1 mn)

57 - 308 07:36 - 18:17				313 - 52 07:53 - 17:01		
58 - 307 07:34 - 18:19				314 - 51 07:54 - 16:59		
59 - 306 07:32 - 18:21				315 - 50 07:56 - 16:57		
60 - 305 07:29 - 18:22						
8	8	8	8	8	8	8
9	9	9	9	9	9	9
10	10	10	10	10	10	10
11	11	11	11	11	11	11
12	12	12	12	12	12	12
13	13	13	13	13	13	13
14	14	14	14	14	14	14
15	15	15	15	15	15	15
16	16	16	16	16	16	16
17	17	17	17	17	17	17
18	18	18	18	18	18	18
19	19	19	19	19	19	19
20	20	20	20	20	20	20
10:41 <i>+4 m.</i> 29°	10:45 <i>+4 m.</i> 30°	10:49 <i>+4 m.</i> 30°	10:53 <i>+4 m.</i> 30°	9:08 <i>-3 m.</i> 21°	9:04 <i>-2 m.</i> 21°	9:01 <i>-3 m.</i> 20°

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

Week **45****Feb. - March 2018**
Noordwijk
 4.26°E, 52.14°N
*Duration of the day, for Feb. 26***Monday 5****Tuesday 6****Wednesday 7****Thursday 8****Friday 2****Saturday 3****Sunday 4***Sunrise and Sunset at Noordwijk (TL ± 1 mn)***309 - 56**

07:45 - 17:07

8	_____
9	_____
10	_____
11	_____
12	_____
13	_____
14	_____
15	_____
16	_____
17	_____
18	_____
19	_____
20	_____

9:22 -3 m. 22°

310 - 55

07:47 - 17:06

8	_____
9	_____
10	_____
11	_____
12	_____
13	_____
14	_____
15	_____
16	_____
17	_____
18	_____
19	_____
20	_____

9:18 -3 m. 22°

311 - 54

07:49 - 17:04

8	_____
9	_____
10	_____
11	_____
12	_____
13	_____
14	_____
15	_____
16	_____
17	_____
18	_____
19	_____
20	_____

9:15 -2 m. 22°

312 - 53

07:51 - 17:02

8	_____
9	_____
10	_____
11	_____
12	_____
13	_____
14	_____
15	_____
16	_____
17	_____
18	_____
19	_____
20	_____

9:11 -3 m. 21°

61 - 304

07:27 - 18:24

8	_____
9	_____
10	_____
11	_____
12	_____
13	_____
14	_____
15	_____
16	_____
17	_____
18	_____
19	_____
20	_____

10:57 +4 m. 31°

62 - 303

07:25 - 18:26

8	_____
9	_____
10	_____
11	_____
12	_____
13	_____
14	_____
15	_____
16	_____
17	_____
18	_____
19	_____
20	_____

11:01 +4 m. 31°

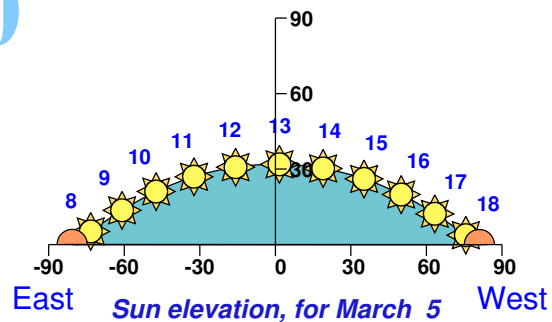
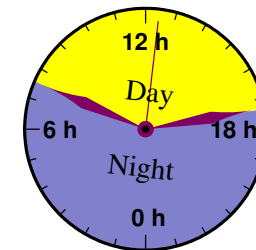
63 - 302

07:23 - 18:28

8	_____
9	_____
10	_____
11	_____
12	_____
13	_____
14	_____
15	_____
16	_____
17	_____
18	_____
19	_____
20	_____

11:05 +4 m. 32°

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

Week **10****Oct. - Nov. 2018**
Noordwijk
 4.26°E, 52.14°N


Duration of the day, for Oct. 29

Monday 5**Tuesday 6****Wednesday 7****Thursday 8****Friday 2****Saturday 3****Sunday 4**

Sunrise and Sunset at Noordwijk (TL ± 1 mn)

64 - 301

07:21 - 18:30

65 - 300

07:18 - 18:31

66 - 299

07:16 - 18:33

67 - 298

07:14 - 18:35

306 - 59

07:40 - 17:13

307 - 58

07:42 - 17:11

308 - 57

07:44 - 17:09

8	8	8	8
9	9	9	9
10	10	10	10
11	11	11	11
12	12	12	12
13	13	13	13
14	14	14	14
15	15	15	15
16	16	16	16
17	17	17	17
18	18	18	18
19	19	19	19
20	20	20	20

11:09 +4 m. 32°

11:13 +4 m. 32°

11:17 +4 m. 33°

11:21 +4 m. 33°

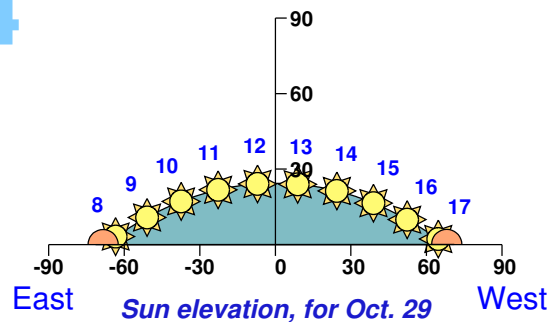
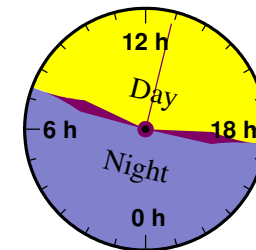
8	8	8
9	9	9
10	10	10
11	11	11
12	12	12
13	13	13
14	14	14
15	15	15
16	16	16
17	17	17
18	18	18
19	19	19
20	20	20

9:32 -3 m. 23°

9:29 -3 m. 23°

9:25 -3 m. 22°

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

Week **44****March 2018**
Noordwijk
 4.26°E, 52.14°N
*Duration of the day, for March 5***Monday 29****Tuesday 30****Wednesday 31****Thursday 1****Friday 9****Saturday 10****Sunday 11***Sunrise and Sunset at Noordwijk (TL ± 1 mn)***302 - 63**

07:33 - 17:20

8 —
9 —
10 —
11 —
12 —
13 —
14 —
15 —
16 —
17 —
18 —
19 —
20 —

9:47 -3 m. 24°

303 - 62

07:34 - 17:18

8 —
9 —
10 —
11 —
12 —
13 —
14 —
15 —
16 —
17 —
18 —
19 —
20 —

9:44 -3 m. 24°

304 - 61

07:36 - 17:16

8 —
9 —
10 —
11 —
12 —
13 —
14 —
15 —
16 —
17 —
18 —
19 —
20 —

9:40 -3 m. 24°

305 - 60

07:38 - 17:15

8 —
9 —
10 —
11 —
12 —
13 —
14 —
15 —
16 —
17 —
18 —
19 —
20 —

9:36 -3 m. 23°

68 - 297

07:11 - 18:37

8 —
9 —
10 —
11 —
12 —
13 —
14 —
15 —
16 —
17 —
18 —
19 —
20 —

11:25 +4 m. 33°

69 - 296

07:09 - 18:39

8 —
9 —
10 —
11 —
12 —
13 —
14 —
15 —
16 —
17 —
18 —
19 —
20 —

11:29 +4 m. 34°

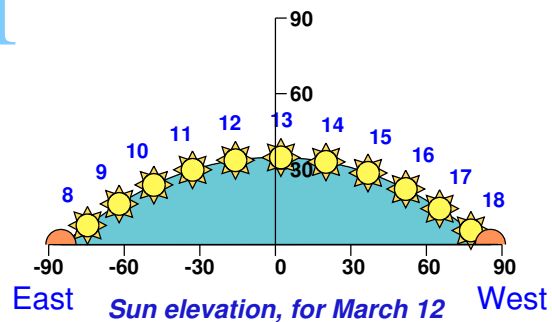
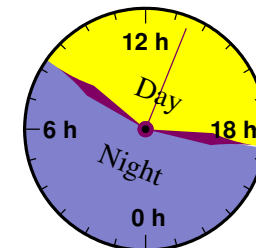
70 - 295

07:07 - 18:40

8 —
9 —
10 —
11 —
12 —
13 —
14 —
15 —
16 —
17 —
18 —
19 —
20 —

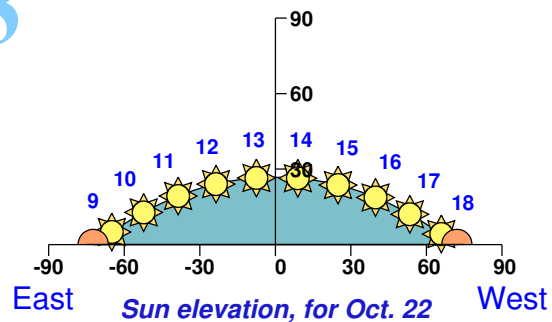
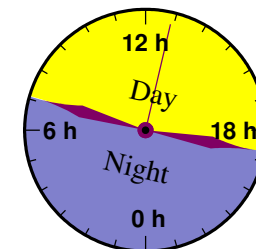
11:34 +4 m. 34°

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

Week **11****October 2018**
Noordwijk
 4.26°E, 52.14°N
*Duration of the day, for Oct. 22*
Monday 12 **Tuesday 13** **Wednesday 14** **Thursday 15**
Friday 26 **Saturday 27** **Sunday 28**
Sunrise and Sunset at Noordwijk (TL ± 1 mn)

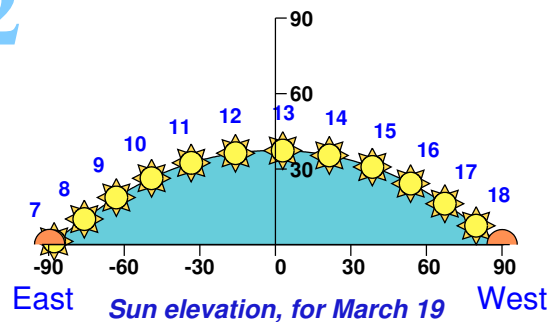
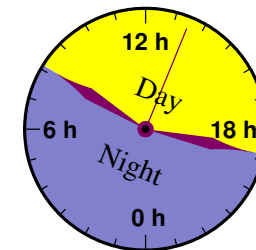
71 - 294 07:05 - 18:42			72 - 293 07:02 - 18:44			73 - 292 07:00 - 18:46			74 - 291 06:58 - 18:47			299 - 66 08:27 - 18:26			300 - 65 08:29 - 18:24			301 - 64 07:31 - 17:22		
8			8			8			8			8			8			8		
9			9			9			9			9			9			9		
10			10			10			10			10			10			10		
11			11			11			11			11			11			11		
12			12			12			12			12			12			12		
13			13			13			13			13			13			13		
14			14			14			14			14			14			14		
15			15			15			15			15			15			15		
16			16			16			16			16			16			16		
17			17			17			17			17			17			17		
18			18			18			18			18			18			18		
19			19			19			19			19			19			19		
20			20			20			20			20			20			20		
11:38	+4 m.	35°	11:42	+3 m.	35°	11:46	+3 m.	35°	11:50	+4 m.	36°	9:58	-3 m.	25°	9:55	-3 m.	25°	9:51	-3 m.	25°

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

Week **43****March 2018**
Noordwijk
 4.26°E, 52.14°N
*Duration of the day, for March 12*
Monday 22 **Tuesday 23** **Wednesday 24** **Thursday 25**
Friday 16 **Saturday 17** **Sunday 18**
Sunrise and Sunset at Noordwijk (TL ± 1 mn)

295 - 70 08:20 - 18:34	296 - 69 08:22 - 18:32	297 - 68 08:24 - 18:30	298 - 67 08:25 - 18:28	75 - 290 06:55 - 18:49	76 - 289 06:53 - 18:51	77 - 288 06:51 - 18:53
8	8	8	8	8	8	8
9	9	9	9	9	9	9
10	10	10	10	10	10	10
11	11	11	11	11	11	11
12	12	12	12	12	12	12
13	13	13	13	13	13	13
14	14	14	14	14	14	14
15	15	15	15	15	15	15
16	16	16	16	16	16	16
17	17	17	17	17	17	17
18	18	18	18	18	18	18
19	19	19	19	19	19	19
20	20	20	20	20	20	20
10:14 -3 m. 27°	10:10 -3 m. 26°	10:06 -3 m. 26°	10:03 -2 m. 26°	11:54 +4 m. 36°	11:58 +4 m. 37°	12:02 +4 m. 37°

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

Week **12****October 2018**
Noordwijk
 4.26°E, 52.14°N


Duration of the day, for Oct. 15

Monday 19 **Tuesday 20** **Wednesday 21** **Thursday 22**
Friday 19 **Saturday 20** **Sunday 21**

Sunrise and Sunset at Noordwijk (TL ± 1 mn)

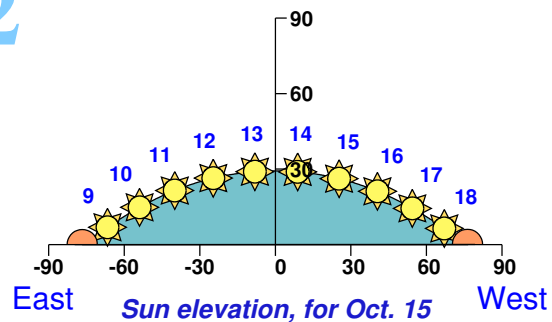
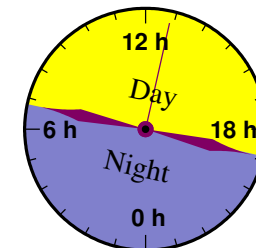
78 - 287 06:48 - 18:54				292 - 73 08:15 - 18:41		
8				8		
9				9		
10				10		
11				11		
12				12		
13				13		
14				14		
15				15		
16				16		
17				17		
18				18		
19				19		
20				20		
12:06	+4 m.	37°		10:26	-3 m.	28°

79 - 286 06:46 - 18:56				293 - 72 08:17 - 18:38		
8				8		
9				9		
10				10		
11				11		
12				12		
13				13		
14				14		
15				15		
16				16		
17				17		
18				18		
19				19		
20				20		
12:10	+4 m.	38°		10:22	-3 m.	27°

80 - 285 06:44 - 18:58				294 - 71 08:18 - 18:36		
8				8		
9				9		
10				10		
11				11		
12				12		
13				13		
14				14		
15				15		
16				16		
17				17		
18				18		
19				19		
20				20		
12:14	+4 m.	38°		10:18	-3 m.	27°

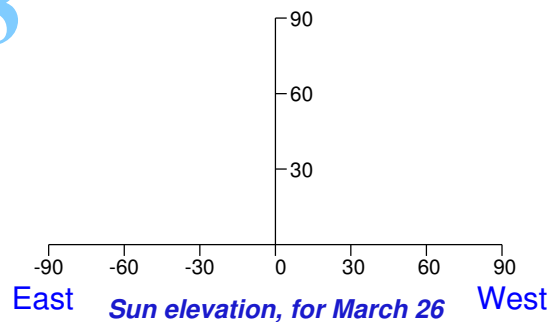
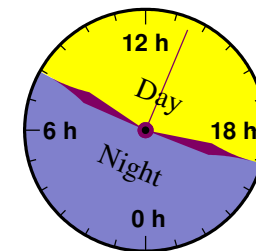
81 - 284 06:41 - 19:00						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
12:18	+4 m.	39°				

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

Week **42****March 2018**
Noordwijk
 4.26°E, 52.14°N
*Duration of the day, for March 19*
Monday 15 Tuesday 16 Wednesday 17 Thursday 18
Friday 23 Saturday 24 Sunday 25
Sunrise and Sunset at Noordwijk (TL ± 1 mn)

288 - 77 08:08 - 18:49				82 - 283 06:39 - 19:01		
289 - 76 08:10 - 18:47				83 - 282 06:37 - 19:03		
290 - 75 08:11 - 18:45				84 - 281 07:34 - 20:05		
				<i>Time change March 25</i>		
8	8	8	8	8	8	8
9	9	9	9	9	9	9
10	10	10	10	10	10	10
11	11	11	11	11	11	11
12	12	12	12	12	12	12
13	13	13	13	13	13	13
14	14	14	14	14	14	14
15	15	15	15	15	15	15
16	16	16	16	16	16	16
17	17	17	17	17	17	17
18	18	18	18	18	18	18
19	19	19	19	19	19	19
20	20	20	20	20	20	20
10:42 -3 m. 29°	10:38 -4 m. 29°	10:34 -3 m. 29°	10:30 -3 m. 28°	12:22 +4 m. 39°	12:26 +4 m. 39°	12:30 +4 m. 40°

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

Week **13****October 2018**
Noordwijk
 4.26°E, 52.14°N


Duration of the day, for Oct. 8

Monday 26 **Tuesday 27** **Wednesday 28** **Thursday 29**
Friday 12 **Saturday 13** **Sunday 14**

Sunrise and Sunset at Noordwijk (TL ± 1 mn)

85 - 280

Polar Night

8
9
10
11
12
13
14
15
16
17
18
19
20

86 - 279

07:30 - 20:08

8
9
10
11
12
13
14
15
16
17
18
19
20

12:38 +758 m. 41°

87 - 278

07:28 - 20:10

8
9
10
11
12
13
14
15
16
17
18
19
20

12:42 +4 m. 41°

88 - 277

07:25 - 20:12

8
9
10
11
12
13
14
15
16
17
18
19
20

12:47 +4 m. 41°

285 - 80

08:03 - 18:56

8
9
10
11
12
13
14
15
16
17
18
19
20

10:53 -3 m. 30°

286 - 79

08:04 - 18:54

8
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19
20

10:49 -3 m. 30°

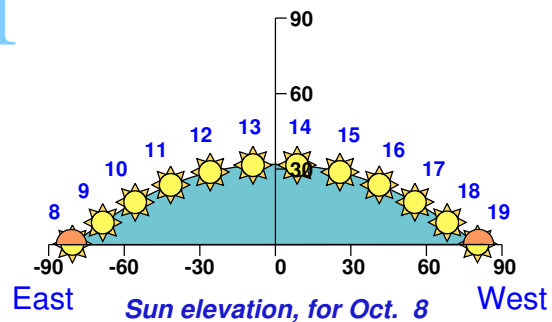
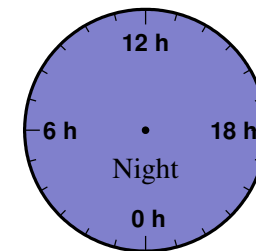
287 - 78

08:06 - 18:51

8
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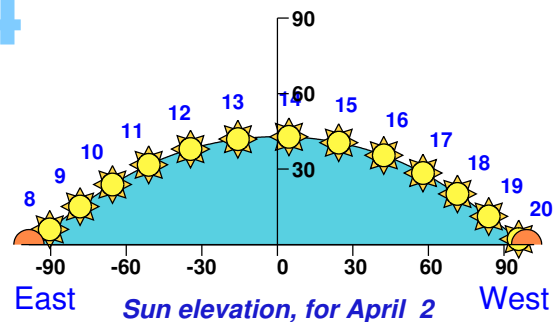
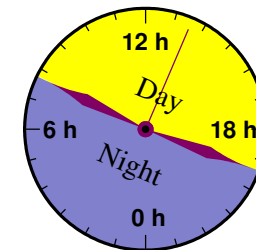
10:45 -3 m. 30°

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

Week **41****March - April 2018**
Noordwijk
 4.26°E, 52.14°N
*Duration of the day, for March 26***Monday 8****Tuesday 9****Wednesday 10****Thursday 11****Friday 30****Saturday 31****Sunday 1***Sunrise and Sunset at Noordwijk (TL ± 1 mn)*

281 - 84 07:56 - 19:05	282 - 83 07:57 - 19:03	283 - 82 07:59 - 19:00	284 - 81 08:01 - 18:58	89 - 276 07:23 - 20:13	90 - 275 07:21 - 20:15	91 - 274 07:18 - 20:17
8	8	8	8	8	8	8
9	9	9	9	9	9	9
10	10	10	10	10	10	10
11	11	11	11	11	11	11
12	12	12	12	12	12	12
13	13	13	13	13	13	13
14	14	14	14	14	14	14
15	15	15	15	15	15	15
16	16	16	16	16	16	16
17	17	17	17	17	17	17
18	18	18	18	18	18	18
19	19	19	19	19	19	19
20	20	20	20	20	20	20
11:09 -3 m. 32°	11:05 -3 m. 32°	11:01 -3 m. 31°	10:57 -3 m. 31°	12:51 +3 m. 42°	12:55 +3 m. 42°	12:59 +4 m. 43°

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

Week **14****October 2018**
Noordwijk
 4.26°E, 52.14°N
*Duration of the day, for Oct. 1***Monday 2****Tuesday 3****Wednesday 4****Thursday 5****Friday 5****Saturday 6****Sunday 7***Sunrise and Sunset at Noordwijk (TL ± 1 mn)***92 - 273**

07:16 - 20:19

8 —

9 —

10 —

11 —

12 —

13 —

14 —

15 —

16 —

17 —

18 —

19 —

20 —

13:03 +4 m. 43°

93 - 272

07:14 - 20:20

8 —

9 —

10 —

11 —

12 —

13 —

14 —

15 —

16 —

17 —

18 —

19 —

20 —

13:07 +4 m. 43°

94 - 271

07:11 - 20:22

8 —

9 —

10 —

11 —

12 —

13 —

14 —

15 —

16 —

17 —

18 —

19 —

20 —

13:11 +4 m. 44°

95 - 270

07:09 - 20:24

8 —

9 —

10 —

11 —

12 —

13 —

14 —

15 —

16 —

17 —

18 —

19 —

20 —

13:15 +4 m. 44°

278 - 87

07:51 - 19:12

8 —

9 —

10 —

11 —

12 —

13 —

14 —

15 —

16 —

17 —

18 —

19 —

20 —

11:21 -3 m. 33°

279 - 86

07:52 - 19:09

8 —

9 —

10 —

11 —

12 —

13 —

14 —

15 —

16 —

17 —

18 —

19 —

20 —

11:17 -3 m. 33°

280 - 85

07:54 - 19:07

8 —

9 —

10 —

11 —

12 —

13 —

14 —

15 —

16 —

17 —

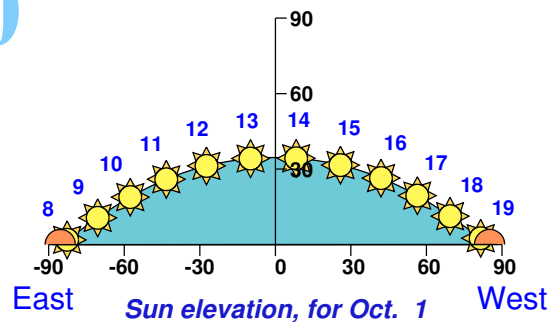
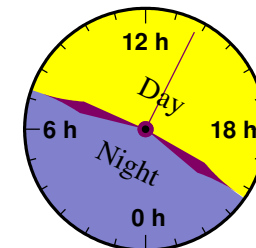
18 —

19 —

20 —

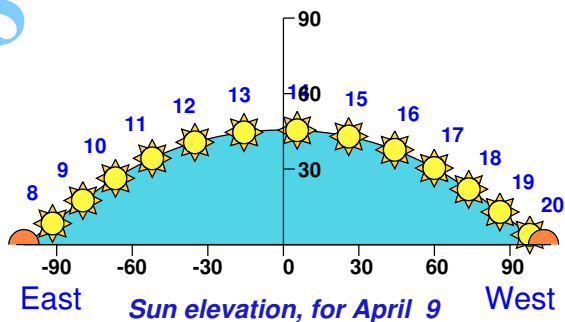
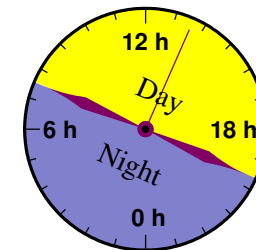
11:13 -3 m. 32°

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

Week **40****April 2018**
Noordwijk
 4.26°E, 52.14°N
*Duration of the day, for April 2***Monday 1****Tuesday 2****Wednesday 3****Thursday 4****Friday 6****Saturday 7****Sunday 8***Sunrise and Sunset at Noordwijk (TL ± 1 mn)*

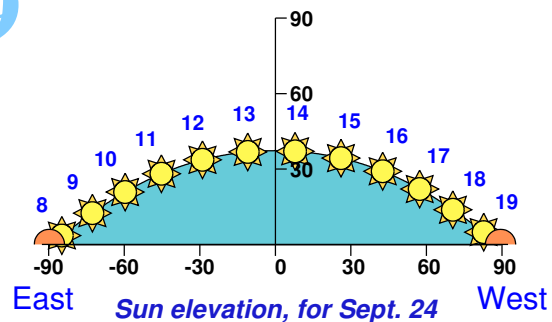
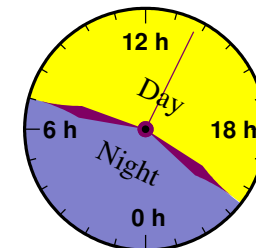
274 - 91 07:44 - 19:21	275 - 90 07:45 - 19:19	276 - 89 07:47 - 19:16	277 - 88 07:49 - 19:14	96 - 269 07:07 - 20:25	97 - 268 07:04 - 20:27	98 - 267 07:02 - 20:29
8	8	8	8	8	8	8
9	9	9	9	9	9	9
10	10	10	10	10	10	10
11	11	11	11	11	11	11
12	12	12	12	12	12	12
13	13	13	13	13	13	13
14	14	14	14	14	14	14
15	15	15	15	15	15	15
16	16	16	16	16	16	16
17	17	17	17	17	17	17
18	18	18	18	18	18	18
19	19	19	19	19	19	19
20	20	20	20	20	20	20
11:37 -3 m. 35°	11:33 -3 m. 34°	11:29 -3 m. 34°	11:25 -3 m. 33°	13:19 +4 m. 44°	13:23 +4 m. 45°	13:27 +4 m. 45°

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

Week **15****September 2018**
Noordwijk
 4.26°E, 52.14°N
*Duration of the day, for Sept. 24*
Monday 9 **Tuesday 10** **Wednesday 11** **Thursday 12**
Friday 28 **Saturday 29** **Sunday 30**
Sunrise and Sunset at Noordwijk (TL ± 1 mn)

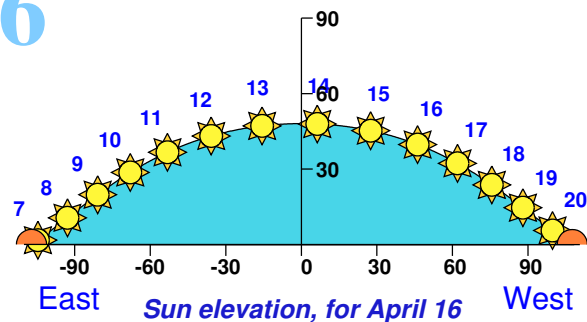
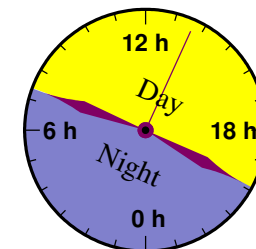
99 - 266 07:00 - 20:31				271 - 94 07:39 - 19:28		
100 - 265 06:58 - 20:32				272 - 93 07:40 - 19:25		
101 - 264 06:55 - 20:34				273 - 92 07:42 - 19:23		
102 - 263 06:53 - 20:36						
8	8	8	8	8	8	8
9	9	9	9	9	9	9
10	10	10	10	10	10	10
11	11	11	11	11	11	11
12	12	12	12	12	12	12
13	13	13	13	13	13	13
14	14	14	14	14	14	14
15	15	15	15	15	15	15
16	16	16	16	16	16	16
17	17	17	17	17	17	17
18	18	18	18	18	18	18
19	19	19	19	19	19	19
20	20	20	20	20	20	20
13:31 +4 m. 46°	13:35 +4 m. 46°	13:39 +4 m. 46°	13:43 +3 m. 47°	11:49 -3 m. 36°	11:45 -3 m. 35°	11:41 -3 m. 35°

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

Week **39****April 2018**
Noordwijk
 4.26°E, 52.14°N
*Duration of the day, for April 9*
Monday 24 **Tuesday 25** **Wednesday 26** **Thursday 27**
Friday 13 **Saturday 14** **Sunday 15**
Sunrise and Sunset at Noordwijk (TL ± 1 mn)

267 - 98 07:32 - 19:37				103 - 262 06:51 - 20:38		
268 - 97 07:34 - 19:35				104 - 261 06:49 - 20:39		
269 - 96 07:35 - 19:32				105 - 260 06:47 - 20:41		
270 - 95 07:37 - 19:30						
8	8	8	8	8	8	8
9	9	9	9	9	9	9
10	10	10	10	10	10	10
11	11	11	11	11	11	11
12	12	12	12	12	12	12
13	13	13	13	13	13	13
14	14	14	14	14	14	14
15	15	15	15	15	15	15
16	16	16	16	16	16	16
17	17	17	17	17	17	17
18	18	18	18	18	18	18
19	19	19	19	19	19	19
20	20	20	20	20	20	20
12:05 -3 m. 37°	12:01 -3 m. 37°	11:57 -3 m. 37°	11:53 -3 m. 36°	13:47 +4 m. 47°	13:51 +3 m. 47°	13:54 +3 m. 48°

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

Week **16****September 2018**
Noordwijk
 4.26°E, 52.14°N


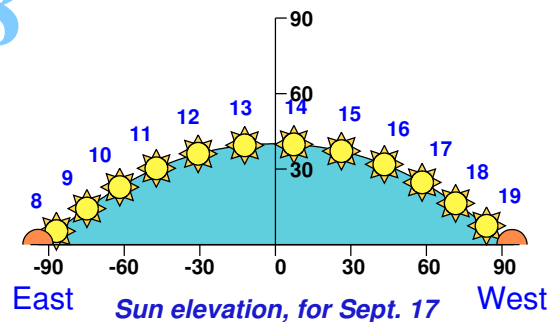
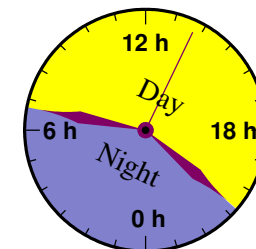
Duration of the day, for Sept. 17

Monday 16 **Tuesday 17** **Wednesday 18** **Thursday 19**
Friday 21 **Saturday 22** **Sunday 23**

Sunrise and Sunset at Noordwijk (TL ± 1 mn)

106 - 259 06:44 - 20:43				264 - 101 07:27 - 19:44		
8	8	8	8	8	8	8
9	9	9	9	9	9	9
10	10	10	10	10	10	10
11	11	11	11	11	11	11
12	12	12	12	12	12	12
13	13	13	13	13	13	13
14	14	14	14	14	14	14
15	15	15	15	15	15	15
16	16	16	16	16	16	16
17	17	17	17	17	17	17
18	18	18	18	18	18	18
19	19	19	19	19	19	19
20	20	20	20	20	20	20
13:58 +4 m. 48°	14:02 +4 m. 48°	14:06 +4 m. 49°	14:10 +4 m. 49°	12:17 -3 m. 38°	12:13 -3 m. 38°	12:09 -3 m. 38°

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

Week **38****April 2018**
Noordwijk
 4.26°E, 52.14°N


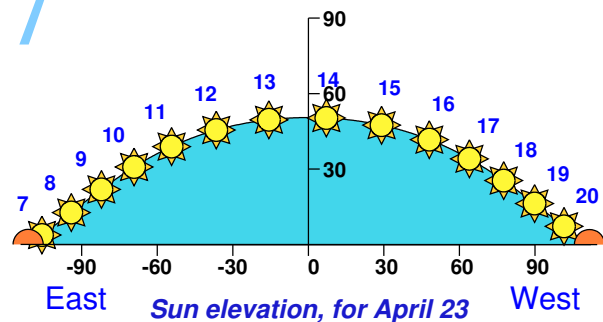
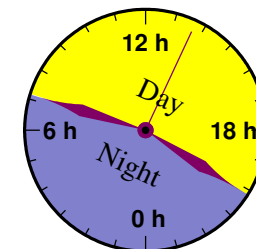
Duration of the day, for April 16

Monday 17 **Tuesday 18** **Wednesday 19** **Thursday 20**
Friday 20 **Saturday 21** **Sunday 22**

Sunrise and Sunset at Noordwijk (TL ± 1 mn)

260 - 105 07:21 - 19:54				110 - 255 06:36 - 20:50		
261 - 104 07:22 - 19:51				111 - 254 06:34 - 20:51		
262 - 103 07:24 - 19:49				112 - 253 06:31 - 20:53		
263 - 102 07:26 - 19:47						
8	8	8	8	8	8	8
9	9	9	9	9	9	9
10	10	10	10	10	10	10
11	11	11	11	11	11	11
12	12	12	12	12	12	12
13	13	13	13	13	13	13
14	14	14	14	14	14	14
15	15	15	15	15	15	15
16	16	16	16	16	16	16
17	17	17	17	17	17	17
18	18	18	18	18	18	18
19	19	19	19	19	19	19
20	20	20	20	20	20	20
12:33 -3 m. 40°	12:29 -3 m. 40°	12:25 -3 m. 39°	12:21 -3 m. 39°	14:14 +4 m. 49°	14:18 +4 m. 50°	14:22 +3 m. 50°

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

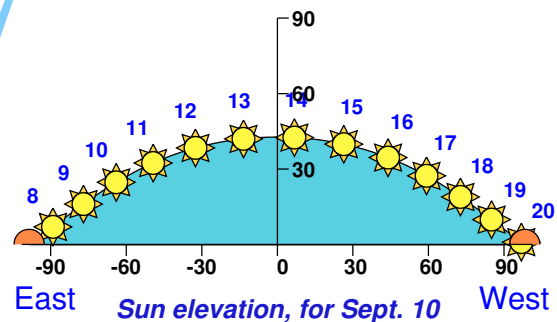
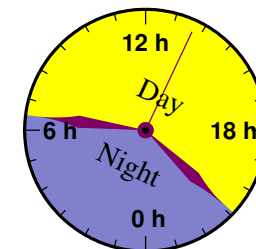
Week **17****September 2018**
Noordwijk
 4.26°E, 52.14°N


Duration of the day, for Sept. 10

Monday 23 **Tuesday 24** **Wednesday 25** **Thursday 26**
Friday 14 **Saturday 15** **Sunday 16**
Sunrise and Sunset at Noordwijk (TL ± 1 mn)

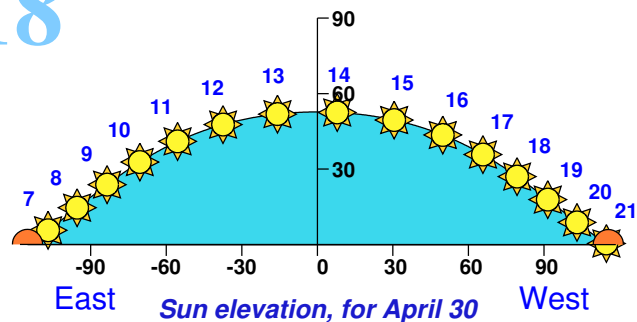
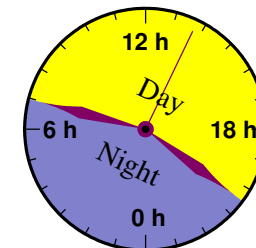
113 - 252 06:29 - 20:55				257 - 108 07:16 - 20:01		
114 - 251 06:27 - 20:56				258 - 107 07:17 - 19:58		
115 - 250 06:25 - 20:58				259 - 106 07:19 - 19:56		
116 - 249 06:23 - 21:00						
8	8	8	8	8	8	8
9	9	9	9	9	9	9
10	10	10	10	10	10	10
11	11	11	11	11	11	11
12	12	12	12	12	12	12
13	13	13	13	13	13	13
14	14	14	14	14	14	14
15	15	15	15	15	15	15
16	16	16	16	16	16	16
17	17	17	17	17	17	17
18	18	18	18	18	18	18
19	19	19	19	19	19	19
20	20	20	20	20	20	20
14:25 +4 m. 50°	14:29 +4 m. 51°	14:33 +4 m. 51°	14:37 +3 m. 51°	12:45 -3 m. 41°	12:41 -3 m. 41°	12:37 -3 m. 40°

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

Week **37****April 2018**
Noordwijk
 4.26°E, 52.14°N
*Duration of the day, for April 23*
Monday 10 **Tuesday 11** **Wednesday 12** **Thursday 13**
Friday 27 **Saturday 28** **Sunday 29**
Sunrise and Sunset at Noordwijk (TL ± 1 mn)

253 - 112 07:09 - 20:10				117 - 248 06:21 - 21:02		
8	8	8	8	8	8	8
9	9	9	9	9	9	9
10	10	10	10	10	10	10
11	11	11	11	11	11	11
12	12	12	12	12	12	12
13	13	13	13	13	13	13
14	14	14	14	14	14	14
15	15	15	15	15	15	15
16	16	16	16	16	16	16
17	17	17	17	17	17	17
18	18	18	18	18	18	18
19	19	19	19	19	19	19
20	20	20	20	20	20	20
13:01 -3 m. 43°	12:57 -3 m. 42°	12:53 -3 m. 42°	12:49 -3 m. 42°	14:40 +3 m. 52°	14:44 +4 m. 52°	14:48 +4 m. 52°

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

Week **18****September 2018**
Noordwijk
 4.26°E, 52.14°N


Duration of the day, for Sept. 3

Monday 30**Tuesday 1****Wednesday 2****Thursday 3****Friday 7****Saturday 8****Sunday 9**

Sunrise and Sunset at Noordwijk (TL ± 1 mn)

120 - 245

06:15 - 21:07

8
9
10
11
12
13
14
15
16
17
18
19
20

14:51 +4 m. 53°

121 - 244

06:13 - 21:08

8
9
10
11
12
13
14
15
16
17
18
19
20

14:55 +4 m. 53°

122 - 243

06:11 - 21:10

8
9
10
11
12
13
14
15
16
17
18
19
20

14:59 +3 m. 53°

123 - 242

06:09 - 21:12

8
9
10
11
12
13
14
15
16
17
18
19
20

15:02 +3 m. 54°

250 - 115

07:04 - 20:17

8
9
10
11
12
13
14
15
16
17
18
19
20

13:13 -3 m. 44°

251 - 114

07:06 - 20:15

8
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13
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18
19
20

13:09 -3 m. 43°

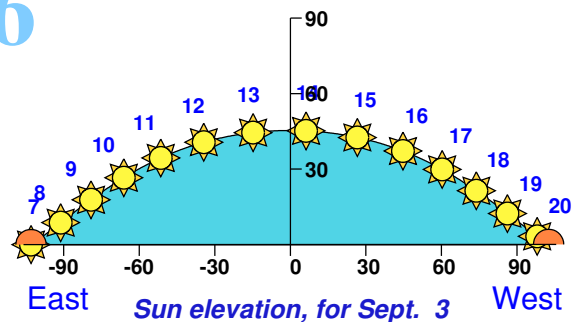
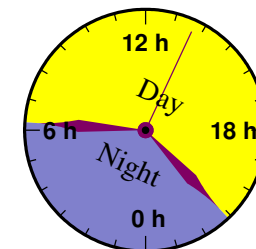
252 - 113

07:07 - 20:12

8
9
10
11
12
13
14
15
16
17
18
19
20

13:05 -3 m. 43°

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

Week **36****April - May 2018**
Noordwijk
 4.26°E, 52.14°N
*Duration of the day, for April 30***Monday 3****Tuesday 4****Wednesday 5****Thursday 6****Friday 4****Saturday 5****Sunday 6***Sunrise and Sunset at Noordwijk (TL ± 1 mn)***246 - 119**

06:58 - 20:26

247 - 118

06:59 - 20:24

248 - 117

07:01 - 20:22

249 - 116

07:03 - 20:19

124 - 241

06:08 - 21:13

125 - 240

06:06 - 21:15

126 - 239

06:04 - 21:17

8	8	8	8
9	9	9	9
10	10	10	10
11	11	11	11
12	12	12	12
13	13	13	13
14	14	14	14
15	15	15	15
16	16	16	16
17	17	17	17
18	18	18	18
19	19	19	19
20	20	20	20

13:29 -3 m. 45°

13:25 -3 m. 45°

13:21 -3 m. 45°

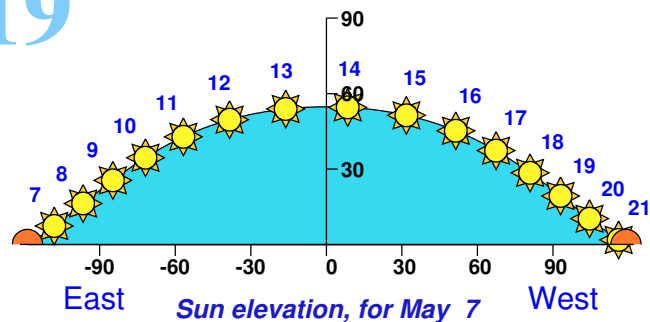
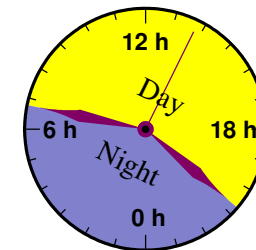
13:17 -3 m. 44°

15:06 +4 m. 54°

15:09 +3 m. 54°

15:13 +4 m. 54°

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

Week **19****Aug. - Sept. 2018**
Noordwijk
 4.26°E, 52.14°N


Duration of the day, for Aug. 27

Monday 7**Tuesday 8****Wednesday 9****Thursday 10****Friday 31****Saturday 1****Sunday 2**Sunrise and Sunset at Noordwijk (TL ± 1 mn)**127 - 238**

06:02 - 21:18

8
9
10
11
12
13
14
15
16
17
18
19
20

15:16 +3 m. 55°

128 - 237

06:00 - 21:20

8
9
10
11
12
13
14
15
16
17
18
19
20

15:20 +3 m. 55°

129 - 236

05:59 - 21:22

8
9
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11
12
13
14
15
16
17
18
19
20

15:23 +3 m. 55°

130 - 235

05:57 - 21:23

8
9
10
11
12
13
14
15
16
17
18
19
20

15:26 +3 m. 56°

243 - 122

06:53 - 20:33

8
9
10
11
12
13
14
15
16
17
18
19
20

13:40 -3 m. 46°

244 - 121

06:54 - 20:31

8
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11
12
13
14
15
16
17
18
19
20

13:36 -3 m. 46°

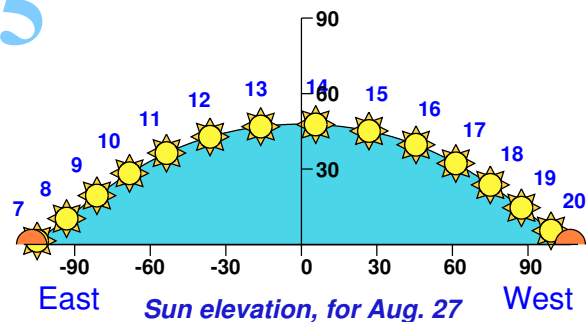
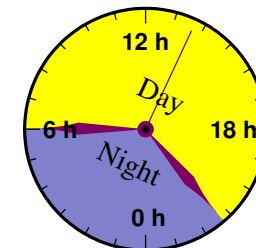
245 - 120

06:56 - 20:29

8
9
10
11
12
13
14
15
16
17
18
19
20

13:33 -3 m. 46°

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

Week **35****May 2018**
Noordwijk
 4.26°E, 52.14°N
*Duration of the day, for May 7*
Monday 27 **Tuesday 28** **Wednesday 29** **Thursday 30**
Friday 11 **Saturday 12** **Sunday 13**
Sunrise and Sunset at Noordwijk (TL ± 1 mn)

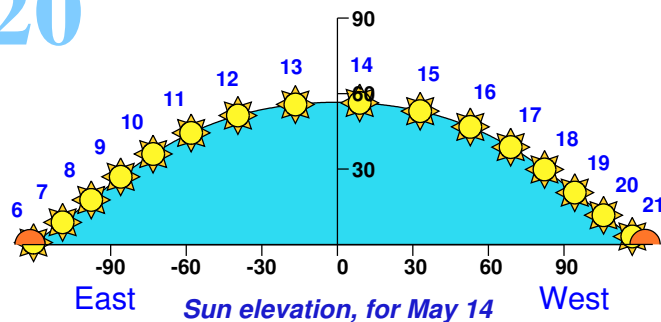
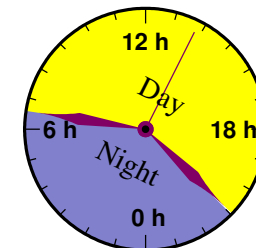
239 - 126 06:46 - 20:42				131 - 234 05:55 - 21:25		
8	8	8	8	8	8	8
9	9	9	9	9	9	9
10	10	10	10	10	10	10
11	11	11	11	11	11	11
12	12	12	12	12	12	12
13	13	13	13	13	13	13
14	14	14	14	14	14	14
15	15	15	15	15	15	15
16	16	16	16	16	16	16
17	17	17	17	17	17	17
18	18	18	18	18	18	18
19	19	19	19	19	19	19
20	20	20	20	20	20	20
13:56	-3 m.	48°		15:30	+3 m.	56°

240 - 125 06:48 - 20:40				132 - 233 05:54 - 21:26		
8	8	8	8	8	8	8
9	9	9	9	9	9	9
10	10	10	10	10	10	10
11	11	11	11	11	11	11
12	12	12	12	12	12	12
13	13	13	13	13	13	13
14	14	14	14	14	14	14
15	15	15	15	15	15	15
16	16	16	16	16	16	16
17	17	17	17	17	17	17
18	18	18	18	18	18	18
19	19	19	19	19	19	19
20	20	20	20	20	20	20
13:52	-3 m.	48°		15:33	+3 m.	56°

241 - 124 06:49 - 20:38				133 - 232 05:52 - 21:28		
8	8	8	8	8	8	8
9	9	9	9	9	9	9
10	10	10	10	10	10	10
11	11	11	11	11	11	11
12	12	12	12	12	12	12
13	13	13	13	13	13	13
14	14	14	14	14	14	14
15	15	15	15	15	15	15
16	16	16	16	16	16	16
17	17	17	17	17	17	17
18	18	18	18	18	18	18
19	19	19	19	19	19	19
20	20	20	20	20	20	20
13:48	-3 m.	47°		15:36	+3 m.	56°

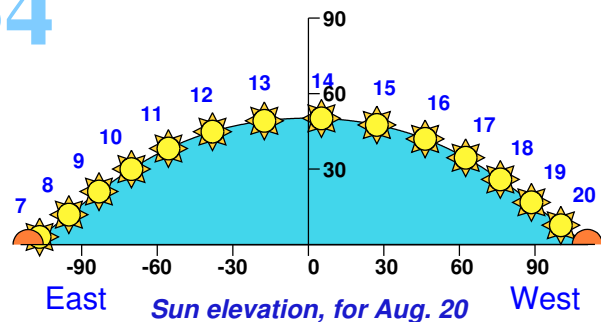
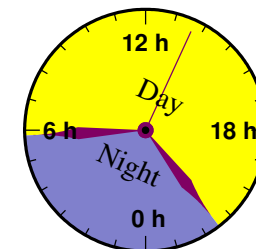
242 - 123 06:51 - 20:35						
8	8	8	8			
9	9	9	9			
10	10	10	10			
11	11	11	11			
12	12	12	12			
13	13	13	13			
14	14	14	14			
15	15	15	15			
16	16	16	16			
17	17	17	17			
18	18	18	18			
19	19	19	19			
20	20	20	20			
13:44	-3 m.	47°				

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

Week **20****August 2018**
Noordwijk
 4.26°E, 52.14°N
*Duration of the day, for Aug. 20*
Monday 14 **Tuesday 15** **Wednesday 16** **Thursday 17**
Friday 24 **Saturday 25** **Sunday 26**
Sunrise and Sunset at Noordwijk (TL ± 1 mn)

134 - 231 05:50 - 21:30				236 - 129 06:41 - 20:49		
135 - 230 05:49 - 21:31				237 - 128 06:43 - 20:46		
136 - 229 05:47 - 21:33				238 - 127 06:45 - 20:44		
137 - 228 05:46 - 21:34						
8	8	8	8	8	8	8
9	9	9	9	9	9	9
10	10	10	10	10	10	10
11	11	11	11	11	11	11
12	12	12	12	12	12	12
13	13	13	13	13	13	13
14	14	14	14	14	14	14
15	15	15	15	15	15	15
16	16	16	16	16	16	16
17	17	17	17	17	17	17
18	18	18	18	18	18	18
19	19	19	19	19	19	19
20	20	20	20	20	20	20
15:39 +3 m. 57°	15:42 +3 m. 57°	15:45 +3 m. 57°	15:48 +3 m. 57°	14:07 -3 m. 49°	14:04 -3 m. 49°	14:00 -3 m. 48°

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

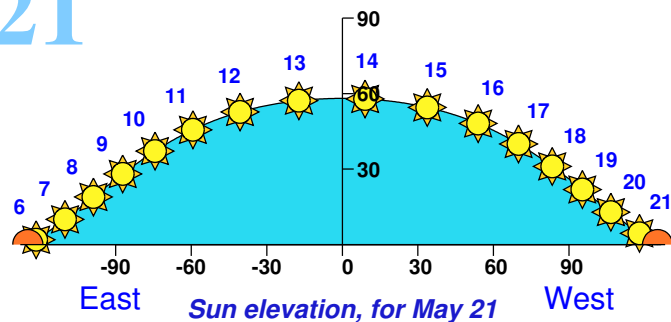
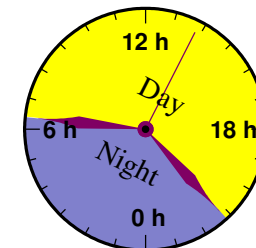
Week **34****May 2018**
Noordwijk
 4.26°E, 52.14°N


Duration of the day, for May 14

Monday 20 **Tuesday 21** **Wednesday 22** **Thursday 23**
Friday 18 **Saturday 19** **Sunday 20**
Sunrise and Sunset at Noordwijk (TL ± 1 mn)

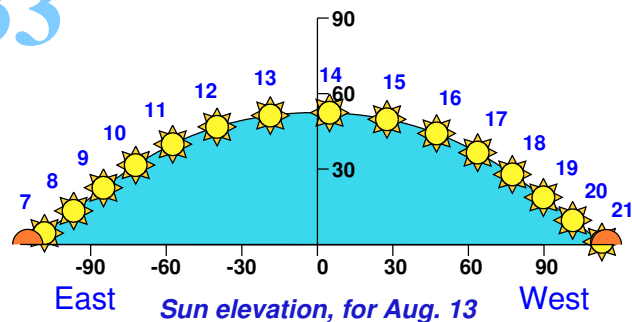
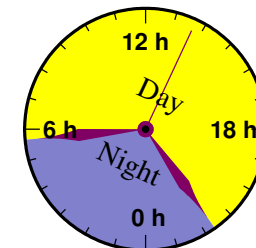
232 - 133 06:35 - 20:57				138 - 227 05:44 - 21:36		
233 - 132 06:36 - 20:55				139 - 226 05:43 - 21:37		
234 - 131 06:38 - 20:53				140 - 225 05:42 - 21:39		
235 - 130 06:40 - 20:51						
8	8	8	8	8	8	8
9	9	9	9	9	9	9
10	10	10	10	10	10	10
11	11	11	11	11	11	11
12	12	12	12	12	12	12
13	13	13	13	13	13	13
14	14	14	14	14	14	14
15	15	15	15	15	15	15
16	16	16	16	16	16	16
17	17	17	17	17	17	17
18	18	18	18	18	18	18
19	19	19	19	19	19	19
20	20	20	20	20	20	20
14:23 -3 m. 50°	14:19 -3 m. 50°	14:15 -3 m. 50°	14:11 -3 m. 49°	15:51 +3 m. 57°	15:54 +3 m. 58°	15:57 +3 m. 58°

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

Week **21****August 2018**
Noordwijk
 4.26°E, 52.14°N
*Duration of the day, for Aug. 13*
Monday 21 **Tuesday 22** **Wednesday 23** **Thursday 24**
Friday 17 **Saturday 18** **Sunday 19**
Sunrise and Sunset at Noordwijk (TL ± 1 mn)

141 - 224 05:40 - 21:40				229 - 136 06:30 - 21:04		
8	8	8	8	8	8	8
9	9	9	9	9	9	9
10	10	10	10	10	10	10
11	11	11	11	11	11	11
12	12	12	12	12	12	12
13	13	13	13	13	13	13
14	14	14	14	14	14	14
15	15	15	15	15	15	15
16	16	16	16	16	16	16
17	17	17	17	17	17	17
18	18	18	18	18	18	18
19	19	19	19	19	19	19
20	20	20	20	20	20	20
16:00 +3 m. 58°	16:02 +2 m. 58°	16:05 +3 m. 58°	16:08 +3 m. 59°	14:34 -3 m. 51°	14:30 -3 m. 51°	14:26 -3 m. 51°

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

Week **33****May 2018**
Noordwijk
 4.26°E, 52.14°N


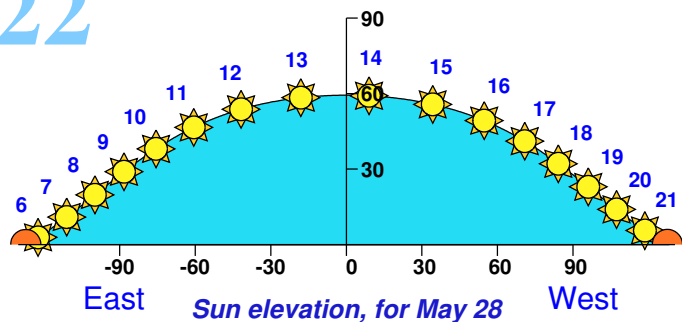
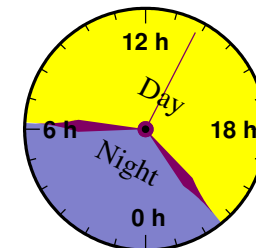
Duration of the day, for May 21

Monday 13 **Tuesday 14** **Wednesday 15** **Thursday 16**
Friday 25 **Saturday 26** **Sunday 27**

Sunrise and Sunset at Noordwijk (TL ± 1 mn)

225 - 140 06:23 - 21:12				145 - 220 05:35 - 21:46		
226 - 139 06:25 - 21:10				146 - 219 05:34 - 21:47		
227 - 138 06:27 - 21:08				147 - 218 05:33 - 21:48		
228 - 137 06:28 - 21:06						
8	8	8	8	8	8	8
9	9	9	9	9	9	9
10	10	10	10	10	10	10
11	11	11	11	11	11	11
12	12	12	12	12	12	12
13	13	13	13	13	13	13
14	14	14	14	14	14	14
15	15	15	15	15	15	15
16	16	16	16	16	16	16
17	17	17	17	17	17	17
18	18	18	18	18	18	18
19	19	19	19	19	19	19
20	20	20	20	20	20	20
14:48 -3 m. 52°	14:45 -2 m. 52°	14:41 -3 m. 52°	14:38 -3 m. 52°	16:10 +2 m. 59°	16:13 +3 m. 59°	16:15 +2 m. 59°

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

Week **22****August 2018**
Noordwijk
 4.26°E, 52.14°N


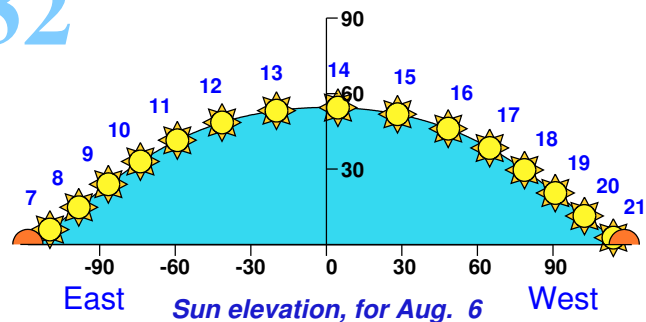
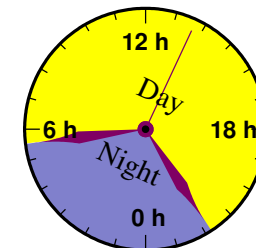
Duration of the day, for Aug. 6

Monday 28 **Tuesday 29** **Wednesday 30** **Thursday 31**
Friday 10 **Saturday 11** **Sunday 12**

Sunrise and Sunset at Noordwijk (TL ± 1 mn)

148 - 217 05:32 - 21:49				222 - 143 06:18 - 21:18		
149 - 216 05:31 - 21:51				223 - 142 06:20 - 21:16		
150 - 215 05:30 - 21:52				224 - 141 06:22 - 21:14		
151 - 214 05:29 - 21:53						
8	8	8	8	8	8	8
9	9	9	9	9	9	9
10	10	10	10	10	10	10
11	11	11	11	11	11	11
12	12	12	12	12	12	12
13	13	13	13	13	13	13
14	14	14	14	14	14	14
15	15	15	15	15	15	15
16	16	16	16	16	16	16
17	17	17	17	17	17	17
18	18	18	18	18	18	18
19	19	19	19	19	19	19
20	20	20	20	20	20	20
16:17 +2 m. 59°	16:19 +2 m. 60°	16:22 +2 m. 60°	16:24 +2 m. 60°	14:59 -3 m. 53°	14:56 -3 m. 53°	14:52 -3 m. 53°

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

Week **32****May - June 2018**
Noordwijk
 4.26°E, 52.14°N


Duration of the day, for May 28

Monday 6**Tuesday 7****Wednesday 8****Thursday 9****Friday 1****Saturday 2****Sunday 3**

Sunrise and Sunset at Noordwijk (TL ± 1 mn)

218 - 147

06:12 - 21:25

8
9
10
11
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13
14
15
16
17
18
19
20

15:13 -2 m. 55°

219 - 146

06:14 - 21:23

8
9
10
11
12
13
14
15
16
17
18
19
20

15:10 -2 m. 54°

220 - 145

06:15 - 21:21

8
9
10
11
12
13
14
15
16
17
18
19
20

15:06 -3 m. 54°

221 - 144

06:17 - 21:19

8
9
10
11
12
13
14
15
16
17
18
19
20

15:03 -2 m. 54°

152 - 213

05:28 - 21:54

8
9
10
11
12
13
14
15
16
17
18
19
20

16:26 +2 m. 60°

153 - 212

05:28 - 21:55

8
9
10
11
12
13
14
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16
17
18
19
20

16:28 +2 m. 60°

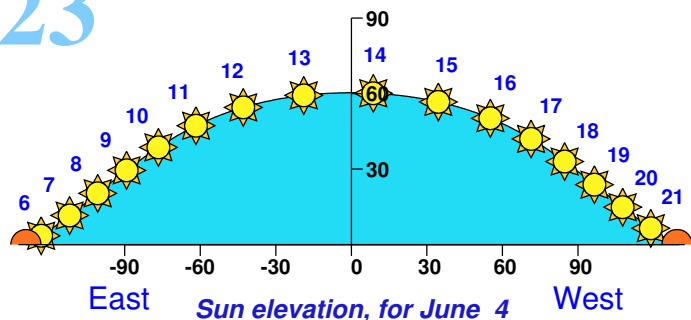
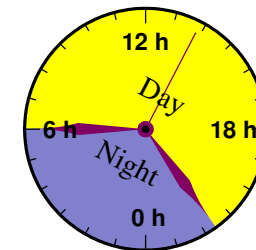
154 - 211

05:27 - 21:56

8
9
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14
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19
20

16:29 +1 m. 60°

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

Week **23****July - Aug. 2018**
Noordwijk
 4.26°E, 52.14°N


Duration of the day, for July 30

Monday 4**Tuesday 5****Wednesday 6****Thursday 7****Friday 3****Saturday 4****Sunday 5**

Sunrise and Sunset at Noordwijk (TL ± 1 mn)

155 - 210

05:26 - 21:57

8
9
10
11
12
13
14
15
16
17
18
19
20

16:31 +2 m. 60°

156 - 209

05:26 - 21:58

8
9
10
11
12
13
14
15
16
17
18
19
20

16:33 +2 m. 60°

157 - 208

05:25 - 21:59

8
9
10
11
12
13
14
15
16
17
18
19
20

16:34 +1 m. 61°

158 - 207

05:24 - 22:00

8
9
10
11
12
13
14
15
16
17
18
19
20

16:36 +2 m. 61°

215 - 150

06:07 - 21:30

8
9
10
11
12
13
14
15
16
17
18
19
20

15:23 -2 m. 55°

216 - 149

06:09 - 21:29

8
9
10
11
12
13
14
15
16
17
18
19
20

15:20 -2 m. 55°

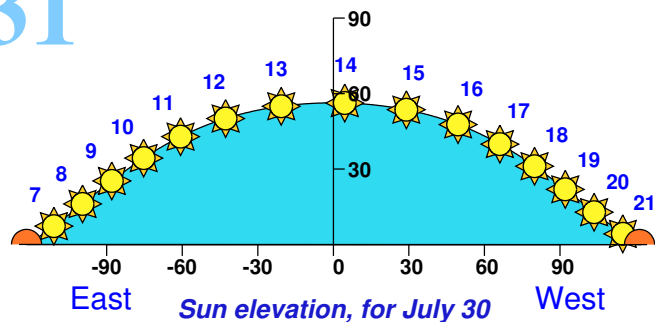
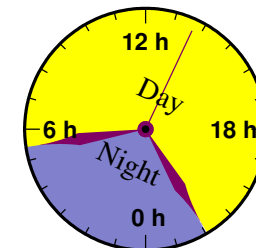
217 - 148

06:10 - 21:27

8
9
10
11
12
13
14
15
16
17
18
19
20

15:17 -3 m. 55°

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

Week **31****June 2018**
Noordwijk
 4.26°E, 52.14°N


Duration of the day, for June 4

Monday 30**Tuesday 31****Wednesday 1****Thursday 2****Friday 8****Saturday 9****Sunday 10**

Sunrise and Sunset at Noordwijk (TL ± 1 mn)

211 - 154

06:01 - 21:37

 8
9
10
11
12
13
14
15
16
17
18
19
20

15:36 -2 m. 56°

212 - 153

06:03 - 21:35

 8
9
10
11
12
13
14
15
16
17
18
19
20

15:33 -2 m. 56°

213 - 152

06:04 - 21:34

 8
9
10
11
12
13
14
15
16
17
18
19
20

15:30 -2 m. 56°

214 - 151

06:06 - 21:32

 8
9
10
11
12
13
14
15
16
17
18
19
20

15:26 -3 m. 56°

159 - 206

05:24 - 22:01

 8
9
10
11
12
13
14
15
16
17
18
19
20

16:37 +1 m. 61°

160 - 205

05:23 - 22:02

 8
9
10
11
12
13
14
15
16
17
18
19
20

16:38 +1 m. 61°

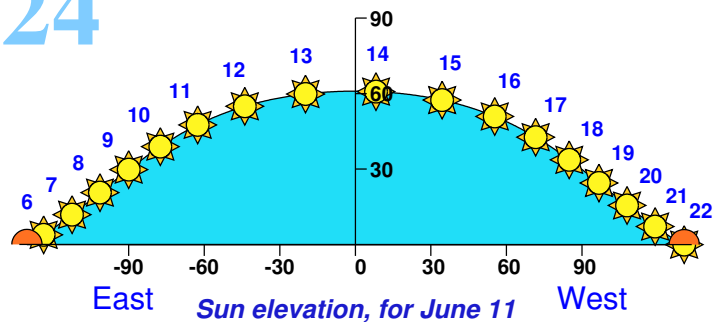
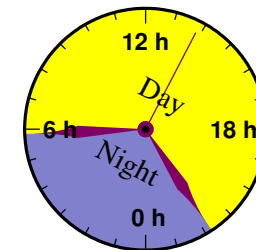
161 - 204

05:23 - 22:03

 8
9
10
11
12
13
14
15
16
17
18
19
20

16:40 +1 m. 61°

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

Week **24****July 2018**
Noordwijk
 4.26°E, 52.14°N


Duration of the day, for July 23

Monday 11 **Tuesday 12** **Wednesday 13** **Thursday 14**
Friday 27 **Saturday 28** **Sunday 29**

Sunrise and Sunset at Noordwijk (TL ± 1 mn)

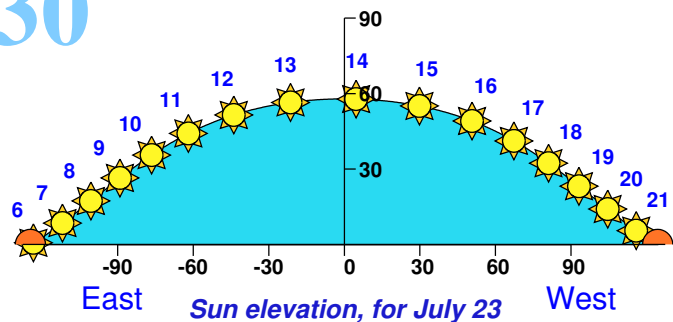
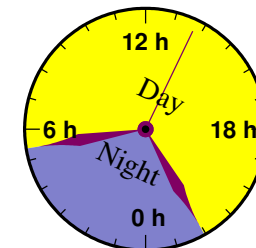
162 - 203 05:23 - 22:03				208 - 157 05:57 - 21:42		
8 9 10 11 12 13 14 15 16 17 18 19 20				8 9 10 11 12 13 14 15 16 17 18 19 20		
16:41	+1 m.	61°		15:45	-2 m.	57°

163 - 202 05:22 - 22:04				209 - 156 05:58 - 21:40		
8 9 10 11 12 13 14 15 16 17 18 19 20				8 9 10 11 12 13 14 15 16 17 18 19 20		
16:42	+0 m.	61°		15:42	-2 m.	57°

164 - 201 05:22 - 22:05				210 - 155 06:00 - 21:39		
8 9 10 11 12 13 14 15 16 17 18 19 20				8 9 10 11 12 13 14 15 16 17 18 19 20		
16:43	+0 m.	61°		15:39	-2 m.	57°

165 - 200 05:22 - 22:05						
8 9 10 11 12 13 14 15 16 17 18 19 20				8 9 10 11 12 13 14 15 16 17 18 19 20		
16:43	+0 m.	61°				

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

Week **30****June 2018**
Noordwijk
 4.26°E, 52.14°N


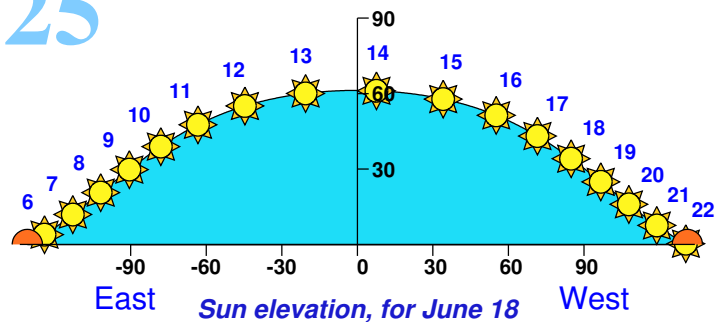
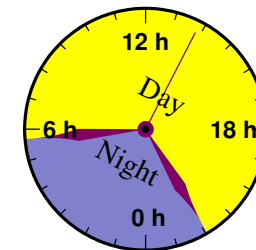
Duration of the day, for June 11

Monday 23 **Tuesday 24** **Wednesday 25** **Thursday 26**
Friday 15 **Saturday 16** **Sunday 17**

Sunrise and Sunset at Noordwijk (TL ± 1 mn)

204 - 161 05:51 - 21:48	205 - 160 05:52 - 21:46	206 - 159 05:54 - 21:45	207 - 158 05:55 - 21:43	166 - 199 05:22 - 22:06	167 - 198 05:22 - 22:06	168 - 197 05:22 - 22:07
8	8	8	8	8	8	8
9	9	9	9	9	9	9
10	10	10	10	10	10	10
11	11	11	11	11	11	11
12	12	12	12	12	12	12
13	13	13	13	13	13	13
14	14	14	14	14	14	14
15	15	15	15	15	15	15
16	16	16	16	16	16	16
17	17	17	17	17	17	17
18	18	18	18	18	18	18
19	19	19	19	19	19	19
20	20	20	20	20	20	20
15:57 -2 m. 58°	15:54 -2 m. 58°	15:51 -2 m. 57°	15:48 -2 m. 57°	16:44 +1 m. 61°	16:44 +0 m. 61°	16:45 +1 m. 61°

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

Week **25****July 2018**
Noordwijk
 4.26°E, 52.14°N


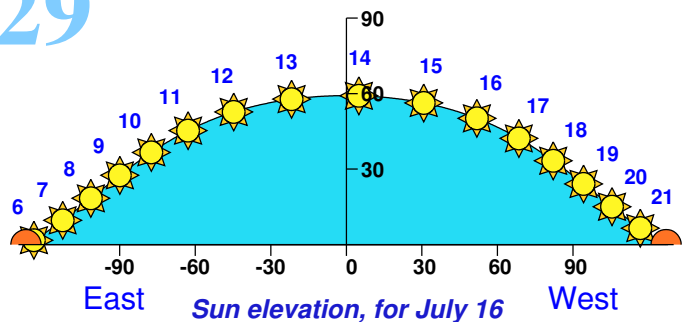
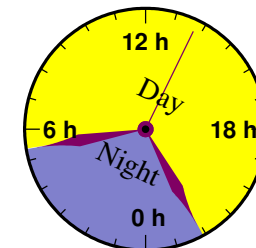
Duration of the day, for July 16

Monday 18 **Tuesday 19** **Wednesday 20** **Thursday 21**
Friday 20 **Saturday 21** **Sunday 22**

Sunrise and Sunset at Noordwijk (TL ± 1 mn)

169 - 196 05:22 - 22:07				201 - 164 05:47 - 21:52		
170 - 195 05:22 - 22:07				202 - 163 05:48 - 21:50		
171 - 194 05:22 - 22:08				203 - 162 05:49 - 21:49		
172 - 193 05:22 - 22:08						
8	8	8	8	8	8	8
9	9	9	9	9	9	9
10	10	10	10	10	10	10
11	11	11	11	11	11	11
12	12	12	12	12	12	12
13	13	13	13	13	13	13
14	14	14	14	14	14	14
15	15	15	15	15	15	15
16	16	16	16	16	16	16
17	17	17	17	17	17	17
18	18	18	18	18	18	18
19	19	19	19	19	19	19
20	20	20	20	20	20	20
16:45 <i>+0 m.</i> 61°	16:46 <i>+0 m.</i> 61°	16:46 <i>+0 m.</i> 61°	16:46 <i>+0 m.</i> 61°	16:05 <i>-2 m.</i> 58°	16:02 <i>-2 m.</i> 58°	16:00 <i>-2 m.</i> 58°

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

Week **29****June 2018**
Noordwijk
 4.26°E, 52.14°N


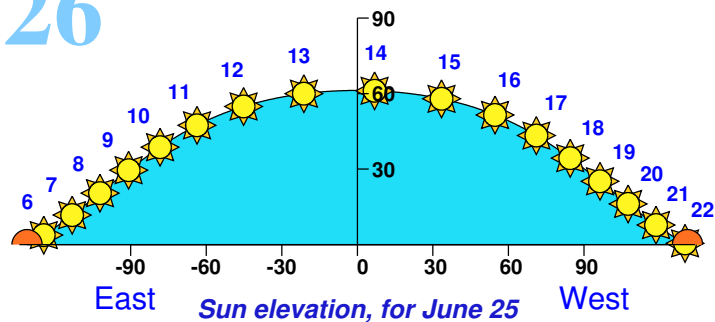
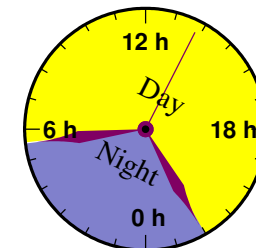
Duration of the day, for June 18

Monday 16 **Tuesday 17** **Wednesday 18** **Thursday 19**
Friday 22 **Saturday 23** **Sunday 24**

Sunrise and Sunset at Noordwijk (TL ± 1 mn)

197 - 168 05:41 - 21:56	198 - 167 05:43 - 21:55	199 - 166 05:44 - 21:54	200 - 165 05:45 - 21:53	173 - 192 05:22 - 22:08	174 - 191 05:23 - 22:08	175 - 190 05:23 - 22:08
8	8	8	8	8	8	8
9	9	9	9	9	9	9
10	10	10	10	10	10	10
11	11	11	11	11	11	11
12	12	12	12	12	12	12
13	13	13	13	13	13	13
14	14	14	14	14	14	14
15	15	15	15	15	15	15
16	16	16	16	16	16	16
17	17	17	17	17	17	17
18	18	18	18	18	18	18
19	19	19	19	19	19	19
20	20	20	20	20	20	20
16:15 -1 m. 59°	16:12 -2 m. 59°	16:10 -1 m. 59°	16:08 -2 m. 59°	16:46 +0 m. 61°	16:46 +0 m. 61°	16:45 +0 m. 61°

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

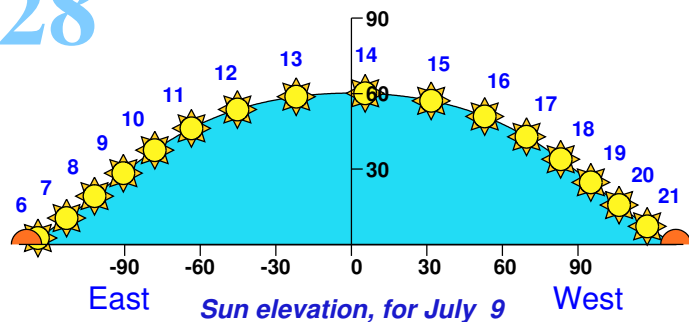
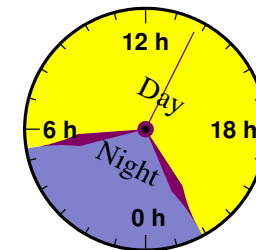
Week **26****July 2018**
Noordwijk
 4.26°E, 52.14°N


Duration of the day, for July 9

Monday 25 **Tuesday 26** **Wednesday 27** **Thursday 28**
Friday 13 **Saturday 14** **Sunday 15**
Sunrise and Sunset at Noordwijk (TL $\pm$ 1 mn)

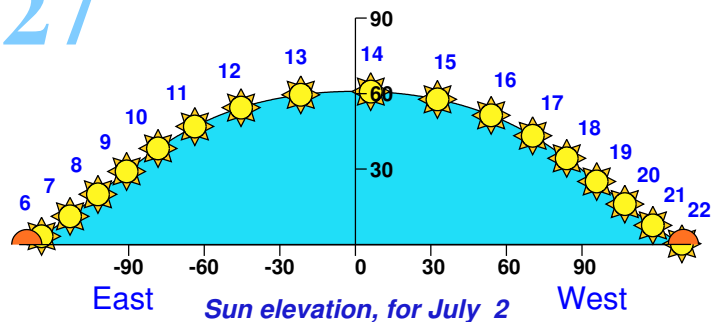
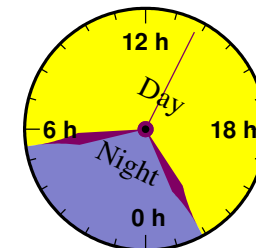
176 - 189 05:23 - 22:08	177 - 188 05:24 - 22:08	178 - 187 05:24 - 22:08	179 - 186 05:25 - 22:08	194 - 171 05:38 - 21:59	195 - 170 05:39 - 21:58	196 - 169 05:40 - 21:57
8	8	8	8	8	8	8
9	9	9	9	9	9	9
10	10	10	10	10	10	10
11	11	11	11	11	11	11
12	12	12	12	12	12	12
13	13	13	13	13	13	13
14	14	14	14	14	14	14
15	15	15	15	15	15	15
16	16	16	16	16	16	16
17	17	17	17	17	17	17
18	18	18	18	18	18	18
19	19	19	19	19	19	19
20	20	20	20	20	20	20
16:45 +0 m. 61°	16:44 +0 m. 61°	16:44 +0 m. 61°	16:43 +0 m. 61°	16:21 -2 m. 60°	16:19 -1 m. 60°	16:17 -1 m. 59°

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

Week **28****June - July 2018**
Noordwijk
 4.26°E, 52.14°N
*Duration of the day, for June 25*
Monday 9 **Tuesday 10** **Wednesday 11** **Thursday 12**
Friday 29 **Saturday 30** **Sunday 1**
Sunrise and Sunset at Noordwijk (TL ± 1 mn)

190 - 175 05:33 - 22:03				180 - 185 05:25 - 22:08		
191 - 174 05:35 - 22:02				181 - 184 05:26 - 22:07		
192 - 173 05:36 - 22:01				182 - 183 05:27 - 22:07		
193 - 172 05:37 - 22:00						
8	8	8	8	8	8	8
9	9	9	9	9	9	9
10	10	10	10	10	10	10
11	11	11	11	11	11	11
12	12	12	12	12	12	12
13	13	13	13	13	13	13
14	14	14	14	14	14	14
15	15	15	15	15	15	15
16	16	16	16	16	16	16
17	17	17	17	17	17	17
18	18	18	18	18	18	18
19	19	19	19	19	19	19
20	20	20	20	20	20	20
16:29 -1 m. 60°	16:27 -1 m. 60°	16:26 -1 m. 60°	16:24 -2 m. 60°	16:42 +0 m. 61°	16:42 +0 m. 61°	16:41 -1 m. 61°

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

Week **27****July 2018**
Noordwijk
 4.26°E, 52.14°N


Duration of the day, for July 2

Monday 2**Tuesday 3****Wednesday 4****Thursday 5****Friday 6****Saturday 7****Sunday 8**

Sunrise and Sunset at Noordwijk (TL ± 1 mn)

183 - 182

05:27 - 22:07

184 - 181

05:28 - 22:06

185 - 180

05:29 - 22:06

186 - 179

05:30 - 22:05

187 - 178

05:31 - 22:05

188 - 177

05:32 - 22:04

189 - 176

05:32 - 22:03

8	8	8	8
9	9	9	9
10	10	10	10
11	11	11	11
12	12	12	12
13	13	13	13
14	14	14	14
15	15	15	15
16	16	16	16
17	17	17	17
18	18	18	18
19	19	19	19
20	20	20	20

16:40 +0 m. 61°

16:38 -1 m. 61°

16:37 +0 m. 61°

16:36 -1 m. 61°

8	8	8
9	9	9
10	10	10
11	11	11
12	12	12
13	13	13
14	14	14
15	15	15
16	16	16
17	17	17
18	18	18
19	19	19
20	20	20

16:34 -1 m. 61°

16:33 -1 m. 60°

16:31 -1 m.

60°

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