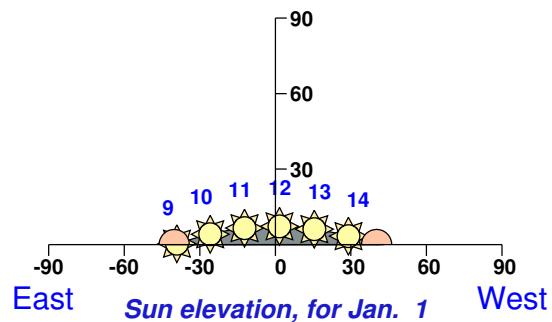
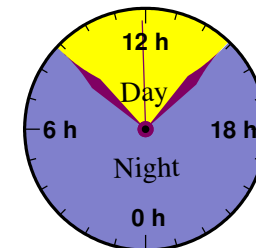


Sun Diary **2018**

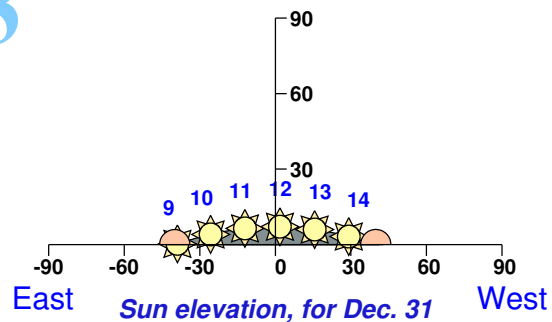
Week **1****Dec. - Jan. 2019****Uppsala**

17.645°E, 59.858°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 Uppsala (TL ± 1 mn)*

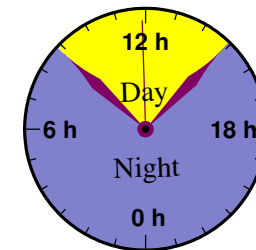
1 - 364 08:51 - 14:56				4 - 361 08:49 - 15:00			5 - 360 08:48 - 15:02			6 - 359 08:47 - 15:04		
8	8	8	8	8	8	8	8	8	8	8	8	8
9	9	9	9	9	9	9	9	9	9	9	9	9
10	10	10	10	10	10	10	10	10	10	10	10	10
11	11	11	11	11	11	11	11	11	11	11	11	11
12	12	12	12	12	12	12	12	12	12	12	12	12
13	13	13	13	13	13	13	13	13	13	13	13	13
14	14	14	14	14	14	14	14	14	14	14	14	14
15	15	15	15	15	15	15	15	15	15	15	15	15
16	16	16	16	16	16	16	16	16	16	16	16	16
17	17	17	17	17	17	17	17	17	17	17	17	17
18	18	18	18	18	18	18	18	18	18	18	18	18
19	19	19	19	19	19	19	19	19	19	19	19	19
20	20	20	20	20	20	20	20	20	20	20	20	20
6:05	+2 m.	7°		6:11	+2 m.	8°	6:11	+2 m.	8°	6:13	+2 m.	8°
6:07	+2 m.	7°								6:16	+3 m.	8°

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

Week **53****January 2018**

Uppsala

17.645°E, 59.858°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 Uppsala (TL ± 1 mn)*

365 - 0

08:51 - 14:54

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

6:03 +2 m. 7°

1 - 364

08:51 - 14:56

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

6:04 +2 m. 7°

2 - 363

08:50 - 14:57

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

6:06 +2 m. 7°

3 - 362

08:50 - 14:59

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

6:09 +2 m. 7°

5 - 360

08:48 - 15:02

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

6:14 +2 m. 8°

6 - 359

08:47 - 15:04

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

6:16 +2 m. 8°

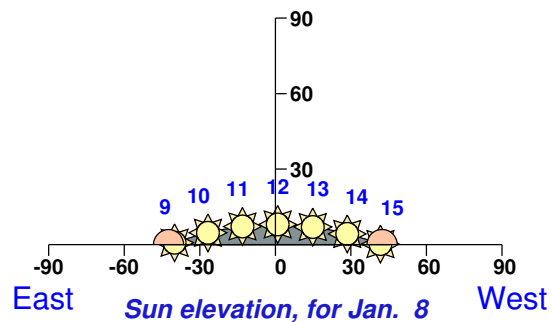
7 - 358

08:46 - 15:06

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

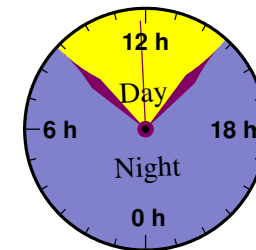
6:19 +3 m. 8°

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

Week **2****December 2018**

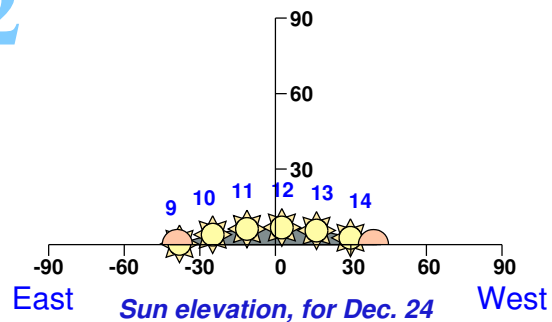
Uppsala

17.645°E, 59.858°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 Uppsala (TL ± 1 mn)*

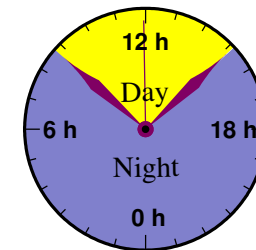
8 - 357 08:45 - 15:08	9 - 356 08:44 - 15:10	10 - 355 08:43 - 15:12	11 - 354 08:42 - 15:14	362 - 3 08:52 - 14:51	363 - 2 08:52 - 14:52	364 - 1 08:51 - 14:53
8	8	8	8	8	8	8
9	9	9	9	9	9	9
10	10	10	10	10	10	10
11	11	11	11	11	11	11
12	12	12	12	12	12	12
13	13	13	13	13	13	13
14	14	14	14	14	14	14
15	15	15	15	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
6:22 +3 m. 8°	6:25 +3 m. 8°	6:28 +3 m. 8°	6:31 +3 m. 8°	5:58 +1 m. 7°	6:00 +1 m. 7°	6:01 +1 m. 7°

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

Week **52****January 2018**

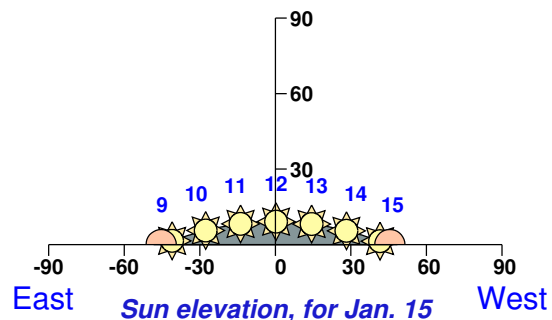
Uppsala

17.645°E, 59.858°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 Uppsala (TL ± 1 mn)

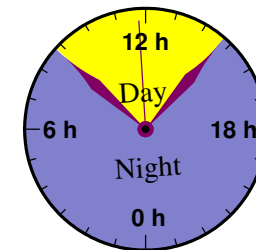
358 - 7 08:51 - 14:47				12 - 353 08:41 - 15:16		
359 - 6 08:52 - 14:48				13 - 352 08:39 - 15:18		
360 - 5 08:52 - 14:49				14 - 351 08:38 - 15:20		
361 - 4 08:52 - 14:50						
8	8	8	8	8	8	8
9	9	9	9	9	9	9
10	10	10	10	10	10	10
11	11	11	11	11	11	11
12	12	12	12	12	12	12
13	13	13	13	13	13	13
14	14	14	14	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
5:55	+0 m.	7°		6:35	+3 m.	9°

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

Week **3****December 2018**

Uppsala

17.645°E, 59.858°N



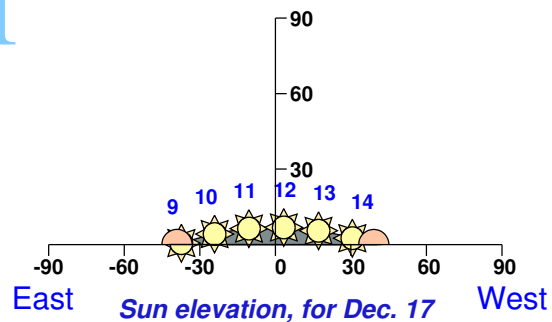
Duration of the day, for Dec. 17

Monday **15** Tuesday **16** Wednesday **17** Thursday **18**Friday **21** Saturday **22** Sunday **23**

Sunrise and Sunset at Uppsala (TL ± 1 mn)

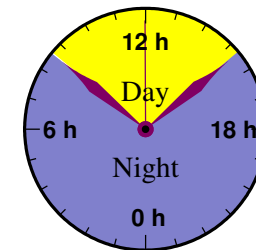
15 - 350 08:36 - 15:22			16 - 349 08:35 - 15:24			17 - 348 08:33 - 15:27			18 - 347 08:31 - 15:29			355 - 10 08:50 - 14:45			356 - 9 08:51 - 14:46			357 - 8 08:51 - 14:46		
8			8			8			8			8			8			8		
9			9			9			9			9			9			9		
10			10			10			10			10			10			10		
11			11			11			11			11			11			11		
12			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		
6:46	+4 m.	9°	6:49	+4 m.	9°	6:53	+4 m.	10°	6:57	+4 m.	10°	5:55	+0 m.	7°	5:55	+0 m.	7°	5:55	+0 m.	7°

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

Week **51****January 2018**

Uppsala

17.645°E, 59.858°N



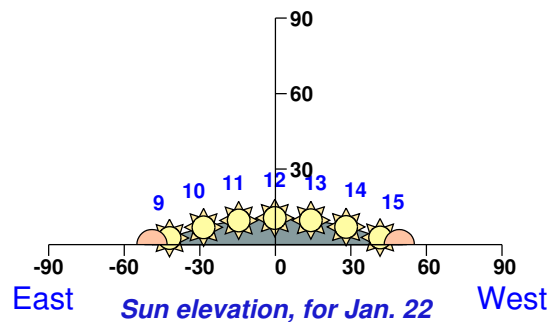
Duration of the day, for Jan. 15

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

Sunrise and Sunset at Uppsala (TL ± 1 mn)

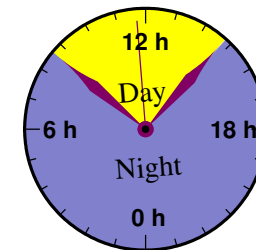
351 - 14 08:47 - 14:44	352 - 13 08:48 - 14:44	353 - 12 08:49 - 14:44	354 - 11 08:50 - 14:45	19 - 346 08:30 - 15:31	20 - 345 08:28 - 15:34	21 - 344 08:26 - 15:36
8	8	8	8	8	8	8
9	9	9	9	9	9	9
10	10	10	10	10	10	10
11	11	11	11	11	11	11
12	12	12	12	12	12	12
13	13	13	13	13	13	13
14	14	14	14	14	14	14
15	15	15	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
5:56 +0 m. 7°	5:56 +0 m. 7°	5:55 +0 m. 7°	5:55 +0 m. 7°	7:01 +4 m. 10°	7:06 +4 m. 10°	7:10 +4 m. 10°

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

Week **4****December 2018**

Uppsala

17.645°E, 59.858°N



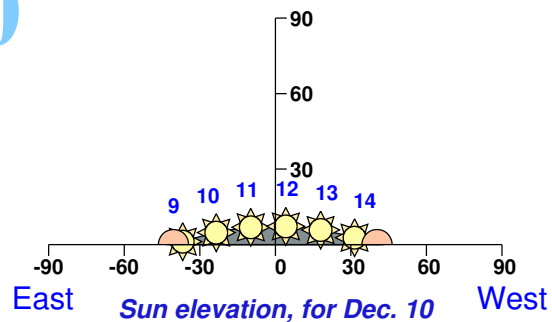
Duration of the day, for Dec. 10

Monday 22 **Tuesday 23** **Wednesday 24** **Thursday 25**
Friday 14 **Saturday 15** **Sunday 16**

Sunrise and Sunset at Uppsala (TL ± 1 mn)

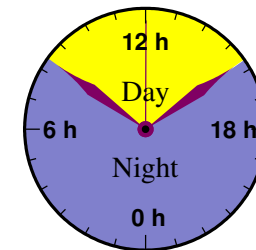
22 - 343 08:24 - 15:39	23 - 342 08:22 - 15:41	24 - 341 08:20 - 15:44	25 - 340 08:18 - 15:46	348 - 17 08:44 - 14:44	349 - 16 08:45 - 14:44	350 - 15 08:46 - 14:44
8	8	8	8	8	8	8
9	9	9	9	9	9	9
10	10	10	10	10	10	10
11	11	11	11	11	11	11
12	12	12	12	12	12	12
13	13	13	13	13	13	13
14	14	14	14	14	14	14
15	15	15	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
7:14 +4 m. 11°	7:19 +4 m. 11°	7:23 +4 m. 11°	7:28 +4 m. 11°	6:00 -1 m. 7°	5:58 +0 m. 7°	5:57 +0 m. 7°

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

Week **50****January 2018**

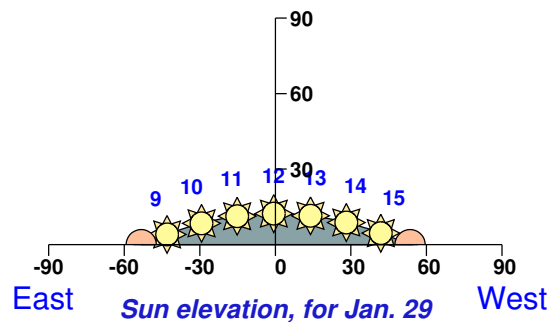
Uppsala

17.645°E, 59.858°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 Uppsala (TL ± 1 mn)

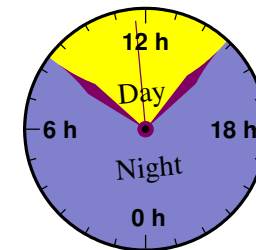
344 - 21 08:39 - 14:46				26 - 339 08:16 - 15:49		
345 - 20 08:40 - 14:45				27 - 338 08:14 - 15:51		
346 - 19 08:42 - 14:45				28 - 337 08:12 - 15:54		
347 - 18 08:43 - 14:44						
8	8	8	8	8	8	8
9	9	9	9	9	9	9
10	10	10	10	10	10	10
11	11	11	11	11	11	11
12	12	12	12	12	12	12
13	13	13	13	13	13	13
14	14	14	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
6:06	-1 m.	7°		7:32	+4 m.	12°

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

Week **5****December 2018**

Uppsala

17.645°E, 59.858°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 Uppsala (TL ± 1 mn)***29 - 336**

08:10 - 15:56

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

7:46 +5 m. 12°

30 - 335

08:07 - 15:59

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

7:51 +5 m. 13°

31 - 334

08:05 - 16:02

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

7:56 +5 m. 13°

32 - 333

08:03 - 16:04

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

8:01 +5 m. 13°

341 - 24

08:34 - 14:48

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

6:13 -2 m. 8°

342 - 23

08:36 - 14:47

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

6:11 -2 m. 8°

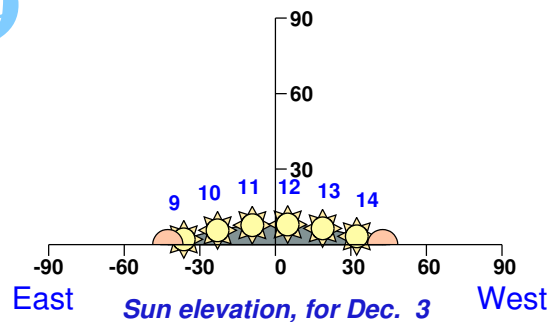
343 - 22

08:37 - 14:46

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

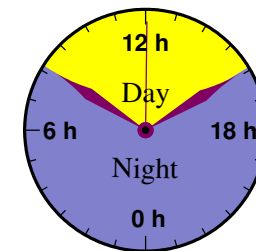
6:08 -1 m. 7°

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

Week **49****Jan. - Feb. 2018**

Uppsala

17.645°E, 59.858°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 Uppsala (TL ± 1 mn)*

337 - 28

08:27 - 14:51

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

6:24 -2 m. 8°

338 - 27

08:29 - 14:50

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

6:21 -2 m. 8°

339 - 26

08:31 - 14:49

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

6:18 -2 m. 8°

340 - 25

08:32 - 14:48

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

6:16 -2 m. 8°

33 - 332

08:01 - 16:07

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

8:06 +5 m. 13°

34 - 331

07:58 - 16:09

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

8:11 +5 m. 14°

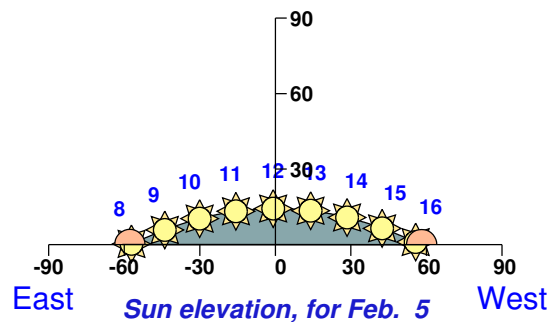
35 - 330

07:56 - 16:12

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

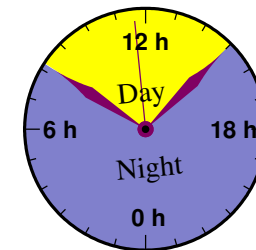
8:16 +5 m. 14°

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

Week **6****Nov. - Dec. 2018**

Uppsala

17.645°E, 59.858°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 Uppsala (TL ± 1 mn)*

36 - 329

07:53 - 16:15

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

8:21 +5 m. 14°

37 - 328

07:51 - 16:17

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

8:26 +5 m. 15°

38 - 327

07:48 - 16:20

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

8:31 +5 m. 15°

39 - 326

07:46 - 16:23

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

8:36 +5 m. 15°

334 - 31

08:21 - 14:55

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

6:33 -3 m. 9°

335 - 30

08:23 - 14:54

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

6:30 -2 m. 8°

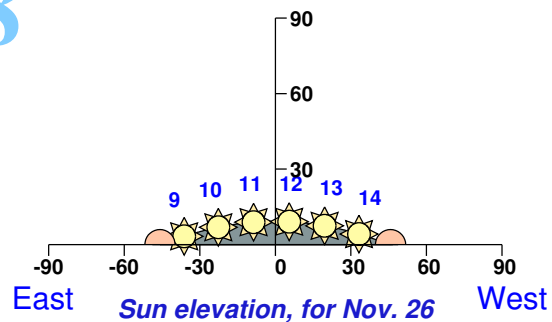
336 - 29

08:25 - 14:52

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

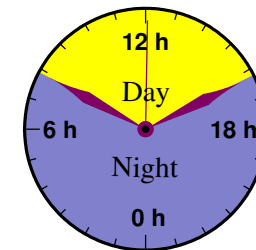
6:27 -2 m. 8°

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

Week **48****February 2018**

Uppsala

17.645°E, 59.858°N



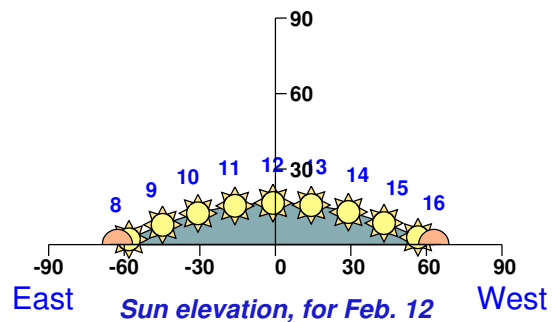
Duration of the day, for Feb. 5

Monday 26 **Tuesday 27** **Wednesday 28** **Thursday 29**
Friday 9 **Saturday 10** **Sunday 11**

Sunrise and Sunset at Uppsala (TL ± 1 mn)

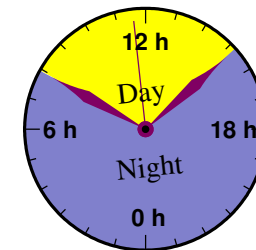
330 - 35 08:12 - 15:01	331 - 34 08:15 - 14:59	332 - 33 08:17 - 14:58	333 - 32 08:19 - 14:56	40 - 325 07:43 - 16:25	41 - 324 07:41 - 16:28	42 - 323 07:38 - 16:30
8	8	8	8	8	8	8
9	9	9	9	9	9	9
10	10	10	10	10	10	10
11	11	11	11	11	11	11
12	12	12	12	12	12	12
13	13	13	13	13	13	13
14	14	14	14	14	14	14
15	15	15	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
6:48 -3 m. 9°	6:44 -3 m. 9°	6:41 -3 m. 9°	6:37 -3 m. 9°	8:42 +5 m. 16°	8:47 +5 m. 16°	8:52 +5 m. 16°

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

Week **7****November 2018**

Uppsala

17.645°E, 59.858°N



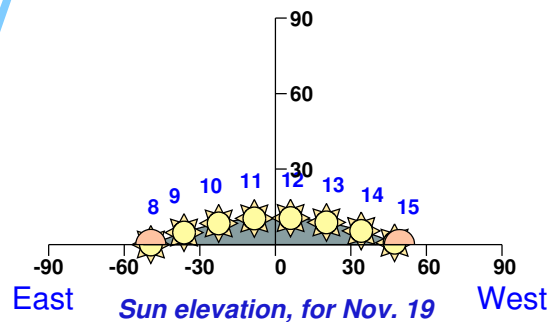
Duration of the day, for Nov. 19

Monday **12** Tuesday **13** Wednesday **14** Thursday **15**Friday **23** Saturday **24** Sunday **25**

Sunrise and Sunset at Uppsala (TL ± 1 mn)

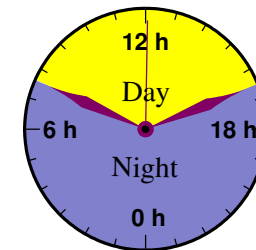
43 - 322 07:36 - 16:33				327 - 38 08:06 - 15:06		
44 - 321 07:33 - 16:36				328 - 37 08:08 - 15:04		
45 - 320 07:30 - 16:38				329 - 36 08:10 - 15:02		
46 - 319 07:28 - 16:41						
8	8	8	8	8	8	8
9	9	9	9	9	9	9
10	10	10	10	10	10	10
11	11	11	11	11	11	11
12	12	12	12	12	12	12
13	13	13	13	13	13	13
14	14	14	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
8:57 +5 m. 17°	9:02 +5 m. 17°	9:08 +5 m. 17°	9:13 +5 m. 18°	7:00 -3 m. 10°	6:56 -3 m. 10°	6:52 -3 m. 9°

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

Week **47****February 2018**

Uppsala

17.645°E, 59.858°N



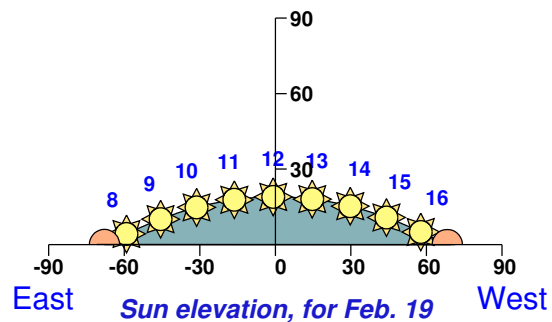
Duration of the day, for Feb. 12

Monday **19** Tuesday **20** Wednesday **21** Thursday **22**Friday **16** Saturday **17** Sunday **18**

Sunrise and Sunset at Uppsala (TL ± 1 mn)

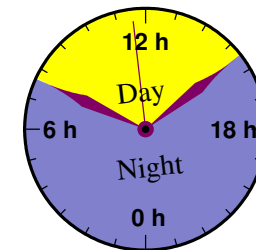
323 - 42 07:56 - 15:13				47 - 318 07:25 - 16:43		
324 - 41 07:59 - 15:11				48 - 317 07:22 - 16:46		
325 - 40 08:01 - 15:09				49 - 316 07:19 - 16:49		
326 - 39 08:03 - 15:07						
8	8	8	8	8	8	8
9	9	9	9	9	9	9
10	10	10	10	10	10	10
11	11	11	11	11	11	11
12	12	12	12	12	12	12
13	13	13	13	13	13	13
14	14	14	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
7:17	-4 m.	11°		9:18	+5 m.	18°
7:12	-3 m.	11°		9:24	+5 m.	18°
7:08	-3 m.	10°		9:29	+5 m.	19°
7:04	-3 m.	10°				

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

Week **8****November 2018**

Uppsala

17.645°E, 59.858°N



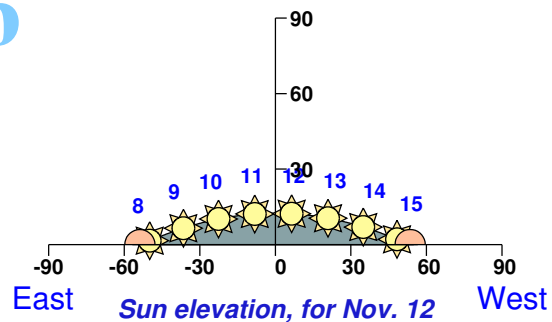
Duration of the day, for Nov. 12

Monday **19** Tuesday **20** Wednesday **21** Thursday **22**Friday **16** Saturday **17** Sunday **18**

Sunrise and Sunset at Uppsala (TL ± 1 mn)

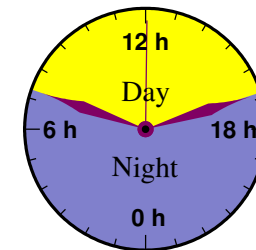
50 - 315 07:17 - 16:51				320 - 45 07:49 - 15:19		
51 - 314 07:14 - 16:54				321 - 44 07:51 - 15:17		
52 - 313 07:11 - 16:56				322 - 43 07:54 - 15:15		
53 - 312 07:08 - 16:59						
8	8	8	8	8	8	8
9	9	9	9	9	9	9
10	10	10	10	10	10	10
11	11	11	11	11	11	11
12	12	12	12	12	12	12
13	13	13	13	13	13	13
14	14	14	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
9:34 +5 m. 19°	9:40 +5 m. 19°	9:45 +5 m. 20°	9:50 +5 m. 20°	7:30 -4 m. 11°	7:25 -4 m. 11°	7:21 -3 m. 11°

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

Week **46****February 2018**

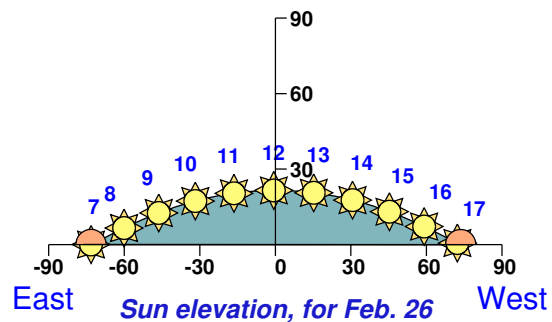
Uppsala

17.645°E, 59.858°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 Uppsala (TL ± 1 mn)

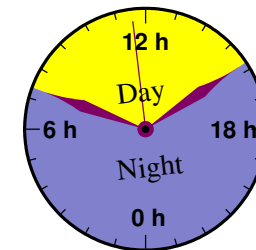
316 - 49 07:39 - 15:28				54 - 311 07:05 - 17:02		
317 - 48 07:41 - 15:26				55 - 310 07:03 - 17:04		
318 - 47 07:44 - 15:23				56 - 309 07:00 - 17:07		
319 - 46 07:46 - 15:21						
8	8	8	8	8	8	8
9	9	9	9	9	9	9
10	10	10	10	10	10	10
11	11	11	11	11	11	11
12	12	12	12	12	12	12
13	13	13	13	13	13	13
14	14	14	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 -4 m. 12°	7:44 -4 m. 12°	7:39 -4 m. 12°	7:35 -4 m. 12°	9:56 +5 m. 20°	10:02 +5 m. 21°	10:07 +5 m. 21°

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

Week **9****November 2018**

Uppsala

17.645°E, 59.858°N



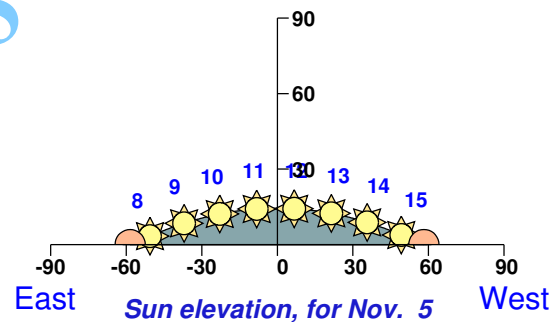
Duration of the day, for Nov. 5

Monday 26 **Tuesday 27** **Wednesday 28** **Thursday 1**
Friday 9 **Saturday 10** **Sunday 11**

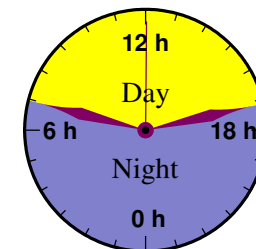
Sunrise and Sunset at Uppsala (TL ± 1 mn)

57 - 308 06:57 - 17:09				313 - 52 07:31 - 15:35		
58 - 307 06:54 - 17:12				314 - 51 07:34 - 15:32		
59 - 306 06:51 - 17:14				315 - 50 07:36 - 15:30		
60 - 305 06:48 - 17:17						
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
10:12 +5 m. 22°	10:18 +6 m. 22°	10:23 +5 m. 22°	10:29 +5 m. 23°	8:03 -4 m. 13°	7:58 -4 m. 13°	7:54 -4 m. 13°

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

Week **45****Feb. - March 2018****Uppsala**

17.645°E, 59.858°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 Uppsala (TL ± 1 mn)***309 - 56**

07:21 - 15:45

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

8:23 -4 m. 14°

310 - 55

07:24 - 15:42

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

8:18 -4 m. 14°

311 - 54

07:26 - 15:40

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

8:13 -4 m. 14°

312 - 53

07:29 - 15:37

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

8:08 -4 m. 14°

61 - 304

06:45 - 17:19

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

10:34 +5 m. 23°

62 - 303

06:42 - 17:22

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

10:40 +5 m. 23°

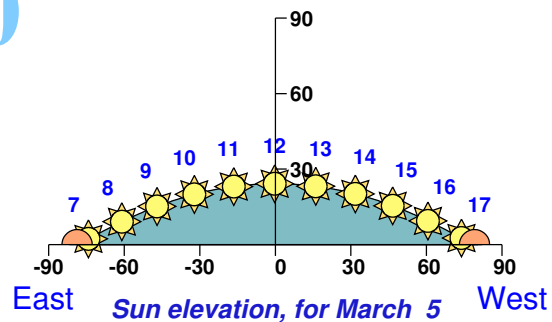
63 - 302

06:39 - 17:24

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

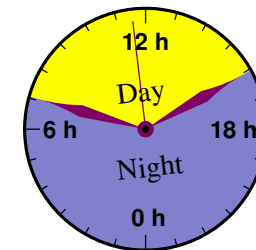
10:45 +5 m. 24°

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

Week **10****Oct. - Nov. 2018**

Uppsala

17.645°E, 59.858°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 Uppsala (TL ± 1 mn)*

64 - 301

06:37 - 17:27

65 - 300

06:34 - 17:29

66 - 299

06:31 - 17:32

67 - 298

06:28 - 17:34

306 - 59

07:13 - 15:52

307 - 58

07:16 - 15:50

308 - 57

07:18 - 15:47

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

10:50 +5 m. 24°

10:56 +6 m. 25°

11:01 +5 m. 25°

11:07 +5 m. 25°

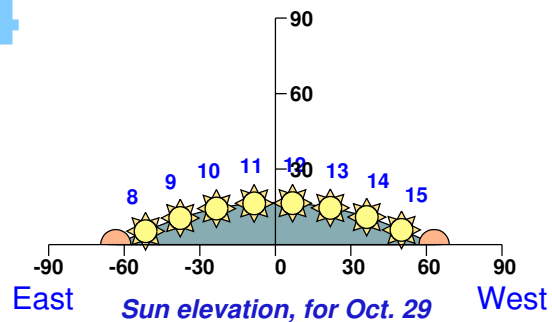
8	8	8
9	9	9
10	10	10
11	11	11
12	12	12
13	13	13
14	14	14
15	15	15
16	16	16
17	17	17
18	18	18
19	19	19
20	20	20

8:38 -4 m. 15°

8:33 -4 m. 15°

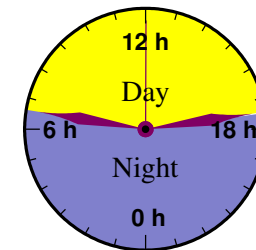
8:28 -4 m. 15°

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

Week **44****March 2018**

Uppsala

17.645°E, 59.858°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 Uppsala (TL ± 1 mn)

302 - 63

07:03 - 16:03

303 - 62

07:06 - 16:00

304 - 61

07:08 - 15:57

305 - 60

07:11 - 15:55

68 - 297

06:25 - 17:37

69 - 296

06:22 - 17:39

70 - 295

06:19 - 17:42

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

8:59 -4 m. 17°

8:54 -4 m. 16°

8:49 -4 m. 16°

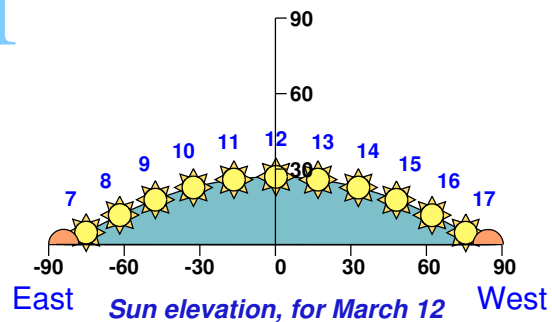
8:43 -4 m. 16°

11:12 +5 m. 26°

11:18 +5 m. 26°

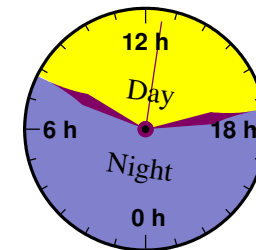
11:23 +5 m. 27°

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

Week **11****October 2018**

Uppsala

17.645°E, 59.858°N



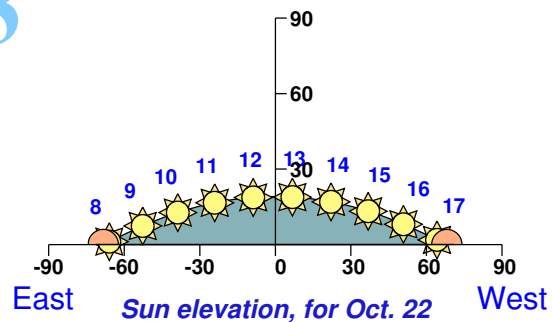
Duration of the day, for Oct. 22

Monday **12** Tuesday **13** Wednesday **14** Thursday **15**Friday **26** Saturday **27** Sunday **28**

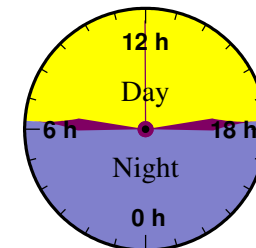
Sunrise and Sunset at Uppsala (TL ± 1 mn)

71 - 294 06:16 - 17:44				299 - 66 07:56 - 17:11		
72 - 293 06:13 - 17:47				300 - 65 07:58 - 17:08		
73 - 292 06:10 - 17:49				301 - 64 07:01 - 16:05		
74 - 291 06:07 - 17:52				Time change October 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
11:29 +5 m. 27°	11:34 +5 m. 27°	11:39 +5 m. 28°	11:45 +6 m. 28°	9:15 -4 m. 18°	9:09 -4 m. 17°	9:04 -4 m. 17°

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

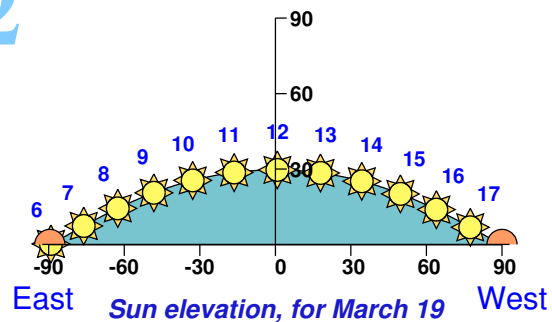
Week **43****March 2018****Uppsala**

17.645°E, 59.858°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 Uppsala (TL ± 1 mn)

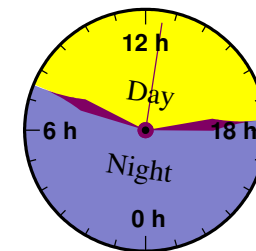
295 - 70 07:45 - 17:22				75 - 290 06:04 - 17:54		
296 - 69 07:48 - 17:19				76 - 289 06:01 - 17:56		
297 - 68 07:50 - 17:16				77 - 288 05:58 - 17:59		
298 - 67 07:53 - 17:13						
8	8	8	8	8	8	8
9	9	9	9	9	9	9
10	10	10	10	10	10	10
11	11	11	11	11	11	11
12	12	12	12	12	12	12
13	13	13	13	13	13	13
14	14	14	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
9:36 -4 m. 19°	9:30 -4 m. 19°	9:25 -4 m. 18°	9:20 -5 m. 18°	11:50 +5 m. 29°	11:56 +6 m. 29°	12:01 +5 m. 29°

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

Week **12****October 2018**

Uppsala

17.645°E, 59.858°N



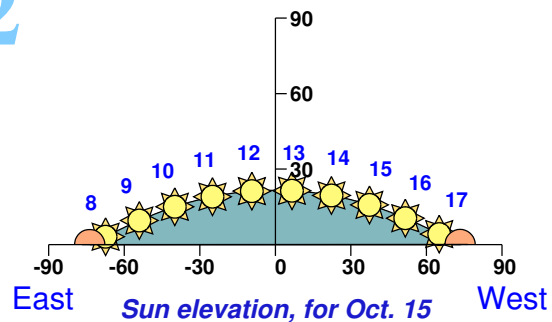
Duration of the day, for Oct. 15

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

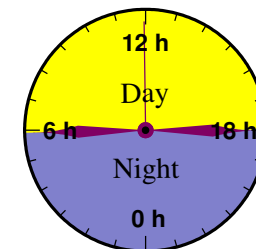
Sunrise and Sunset at Uppsala (TL ± 1 mn)

78 - 287 05:55 - 18:01				292 - 73 07:38 - 17:30		
79 - 286 05:52 - 18:04				293 - 72 07:41 - 17:27		
80 - 285 05:49 - 18:06				294 - 71 07:43 - 17:24		
81 - 284 05:46 - 18:09						
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
12:07 +5 m. 30°	12:12 +5 m. 30°	12:18 +5 m. 30°	12:23 +5 m. 31°	9:52 -4 m. 20°	9:46 -4 m. 20°	9:41 -4 m. 19°

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

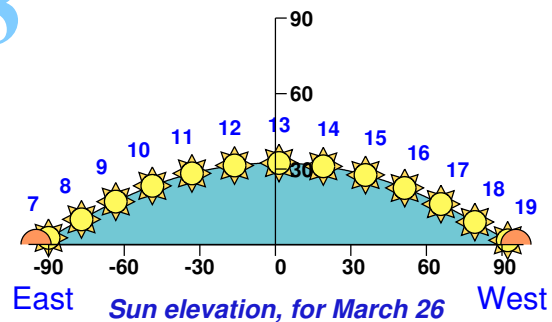
Week **42****March 2018****Uppsala**

17.645°E, 59.858°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 Uppsala (TL ± 1 mn)

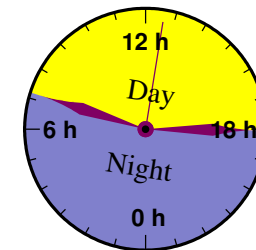
288 - 77 07:28 - 17:41				82 - 283 05:43 - 18:11		
289 - 76 07:31 - 17:39				83 - 282 05:40 - 18:13		
290 - 75 07:33 - 17:36				84 - 281 06:37 - 19:16		
291 - 74 07:36 - 17:33				<i>Time change March 25</i>		
8	8	8	8	8	8	8
9	9	9	9	9	9	9
10	10	10	10	10	10	10
11	11	11	11	11	11	11
12	12	12	12	12	12	12
13	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
10:13 -5 m. 22°	10:08 -4 m. 21°	10:03 -4 m. 21°	9:57 -5 m. 21°	12:28 +5 m. 31°	12:34 +6 m. 32°	12:39 +5 m. 32°

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

Week **13****October 2018**

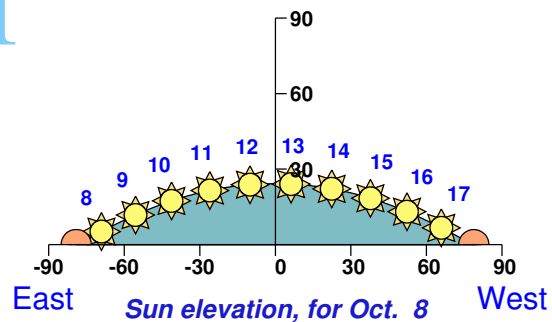
Uppsala

17.645°E, 59.858°N

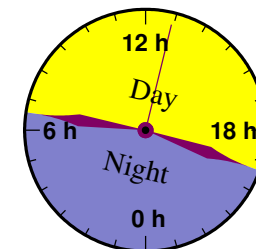
*Duration of the day, for Oct. 8*Monday **26** Tuesday **27** Wednesday **28** Thursday **29**Friday **12** Saturday **13** Sunday **14***Sunrise and Sunset at Uppsala (TL ± 1 mn)*

85 - 280 06:34 - 19:18				285 - 80 07:21 - 17:50		
86 - 279 06:31 - 19:21				286 - 79 07:23 - 17:47		
87 - 278 06:28 - 19:23				287 - 78 07:26 - 17:44		
88 - 277 06:25 - 19:26						
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
12:45 +5 m. 32°	12:50 +5 m. 33°	12:55 +5 m. 33°	13:01 +6 m. 34°	10:29 -5 m. 23°	10:24 -4 m. 22°	10:19 -4 m. 22°

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

Week **41****March - April 2018****Uppsala**

17.645°E, 59.858°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 Uppsala (TL ± 1 mn)***281 - 84**

07:11 - 18:02

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

10:51 -5 m. 24°

282 - 83

07:14 - 17:59

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

10:45 -5 m. 24°

283 - 82

07:16 - 17:56

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

10:40 -4 m. 23°

284 - 81

07:18 - 17:53

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

10:35 -4 m. 23°

89 - 276

06:22 - 19:28

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

13:06 +5 m. 34°

90 - 275

06:19 - 19:30

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

13:12 +6 m. 34°

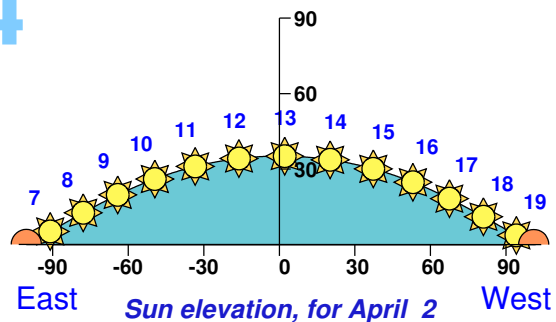
91 - 274

06:16 - 19:33

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

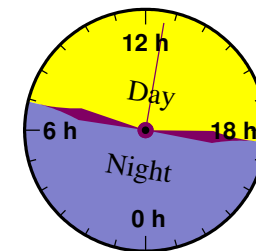
13:17 +5 m. 35°

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

Week **14****October 2018**

Uppsala

17.645°E, 59.858°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 Uppsala (TL ± 1 mn)

92 - 273

06:13 - 19:35

8 —

9 —

10 —

11 —

12 —

13 —

14 —

15 —

16 —

17 —

18 —

19 —

20 —

13:23 +5 m. 35°

93 - 272

06:10 - 19:38

8 —

9 —

10 —

11 —

12 —

13 —

14 —

15 —

16 —

17 —

18 —

19 —

20 —

13:28 +5 m. 36°

94 - 271

06:07 - 19:40

8 —

9 —

10 —

11 —

12 —

13 —

14 —

15 —

16 —

17 —

18 —

19 —

20 —

13:34 +5 m. 36°

95 - 270

06:04 - 19:43

8 —

9 —

10 —

11 —

12 —

13 —

14 —

15 —

16 —

17 —

18 —

19 —

20 —

13:39 +5 m. 36°

278 - 87

07:04 - 18:11

8 —

9 —

10 —

11 —

12 —

13 —

14 —

15 —

16 —

17 —

18 —

19 —

20 —

11:07 -4 m. 25°

279 - 86

07:06 - 18:08

8 —

9 —

10 —

11 —

12 —

13 —

14 —

15 —

16 —

17 —

18 —

19 —

20 —

11:01 -5 m. 25°

280 - 85

07:09 - 18:05

8 —

9 —

10 —

11 —

12 —

13 —

14 —

15 —

16 —

17 —

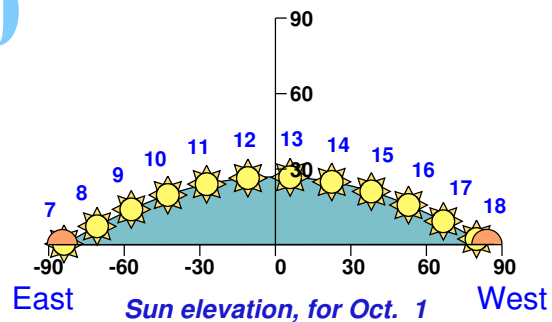
18 —

19 —

20 —

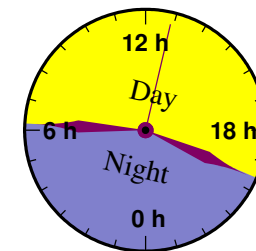
10:56 -4 m. 25°

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

Week **40****April 2018**

Uppsala

17.645°E, 59.858°N

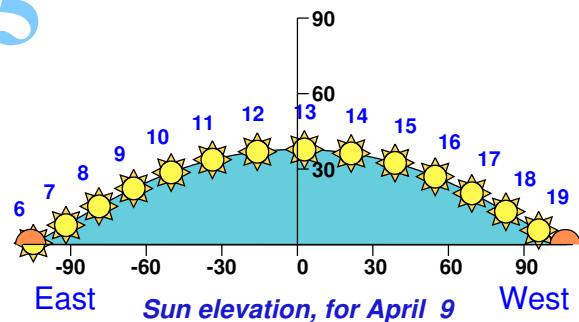


Duration of the day, for April 2

Monday **1**Tuesday **2**Wednesday **3**Thursday **4**Friday **6**Saturday **7**Sunday **8**Sunrise and Sunset at Uppsala (TL $\pm$ 1 mn)

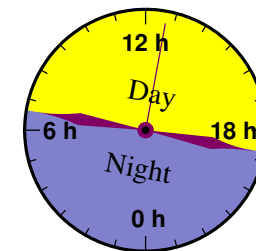
274 - 91 06:55 - 18:23	275 - 90 06:57 - 18:20	276 - 89 06:59 - 18:17	277 - 88 07:02 - 18:14	96 - 269 06:01 - 19:45	97 - 268 05:58 - 19:47	98 - 267 05:55 - 19:50
8	8	8	8	8	8	8
9	9	9	9	9	9	9
10	10	10	10	10	10	10
11	11	11	11	11	11	11
12	12	12	12	12	12	12
13	13	13	13	13	13	13
14	14	14	14	14	14	14
15	15	15	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
11:28 -5 m. 27°	11:23 -4 m. 27°	11:18 -5 m. 26°	11:12 -5 m. 26°	13:44 +5 m. 37°	13:50 +6 m. 37°	13:55 +5 m. 37°

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

Week **15****September 2018**

Uppsala

17.645°E, 59.858°N



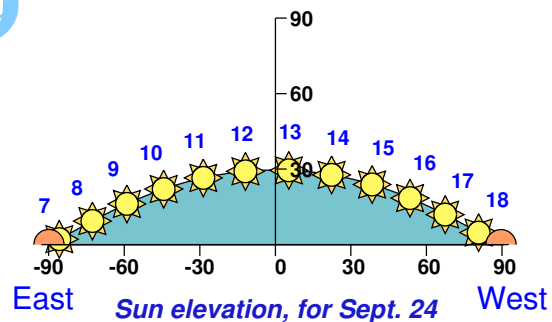
Duration of the day, for Sept. 24

Monday 9 **Tuesday 10** **Wednesday 11** **Thursday 12**
Friday 28 **Saturday 29** **Sunday 30**

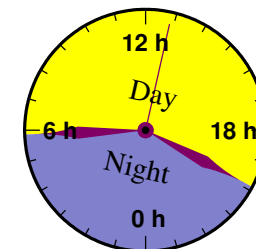
Sunrise and Sunset at Uppsala (TL ± 1 mn)

99 - 266 05:52 - 19:52				271 - 94 06:47 - 18:32		
100 - 265 05:49 - 19:55				272 - 93 06:50 - 18:29		
101 - 264 05:46 - 19:57				273 - 92 06:52 - 18:26		
102 - 263 05:43 - 20:00						
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
14:01 +5 m. 38°	14:06 +5 m. 38°	14:11 +5 m. 39°	14:17 +6 m. 39°	11:44 -5 m. 28°	11:39 -4 m. 28°	11:34 -4 m. 27°

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

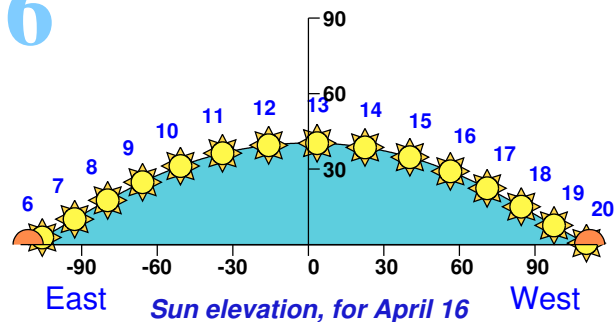
Week **39****April 2018****Uppsala**

17.645°E, 59.858°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 Uppsala (TL ± 1 mn)

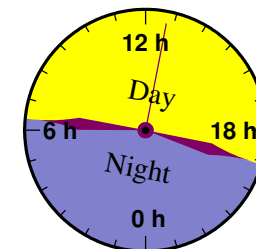
267 - 98 06:38 - 18:44				103 - 262 05:40 - 20:02		
268 - 97 06:40 - 18:41				104 - 261 05:37 - 20:04		
269 - 96 06:43 - 18:38				105 - 260 05:34 - 20:07		
270 - 95 06:45 - 18:35						
8	8	8	8	8	8	8
9	9	9	9	9	9	9
10	10	10	10	10	10	10
11	11	11	11	11	11	11
12	12	12	12	12	12	12
13	13	13	13	13	13	13
14	14	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
12:06 -5 m. 30°	12:00 -5 m. 29°	11:55 -4 m. 29°	11:50 -4 m. 28°	14:22 +5 m. 39°	14:28 +5 m. 40°	14:33 +5 m. 40°

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

Week **16****September 2018**

Uppsala

17.645°E, 59.858°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 Uppsala (TL ± 1 mn)

106 - 259 05:31 - 20:09				264 - 101 06:31 - 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
14:38 +5 m. 40°	14:44 +6 m. 41°	14:49 +5 m. 41°	14:54 +5 m. 41°	12:22 -4 m. 31°	12:17 -5 m. 30°	12:11 -5 m. 30°

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



Uppsala

Monday 17 Tuesday 18 Wednesday 19 Thursday 20

Friday 20 **Saturday 21** **Sunday 22**

260 - 105

06:22 - 19:05

261 - 104

06:24 - 19:02

262 - 103

06:26 - 18:59

263 - 102

06:29 - 18:56

110 - 255

05:19 - 20:19

111 - 254

05:17 - 20:22

112 - 253

05:14 - 20:24

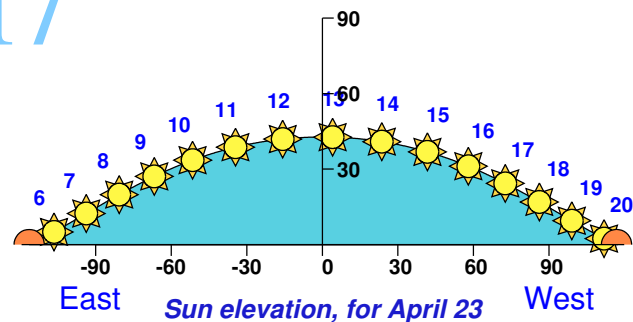
8	8	8	8
9	9	9	9
10	10	10	10
11	11	11	11
12	12	12	12
13	13	13	13
14	14	14	14
15	15	15	15
16	16	16	16
17	17	17	17
18	18	18	18
19	19	19	19
20	20	20	20

12:43	-4 m.	32°	12:38	-4 m.	32°	12:33	-5 m.	32°	12:27	-5 m.	31°
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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

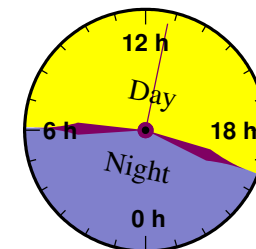
15:00	+6 m.	42°	15:05	+5 m.	42°	15:11	+5 m.	42
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Duration of the day - Variation - Sun maximal elevation ($^{\circ}$)

Week **17****September 2018**

Uppsala

17.645°E, 59.858°N



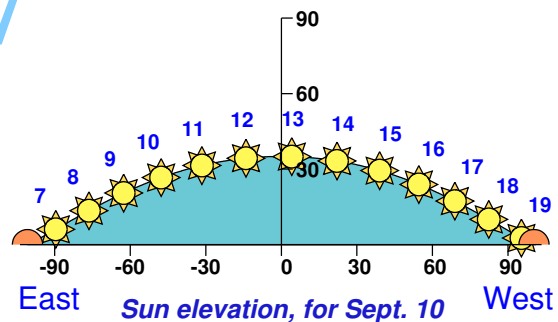
Duration of the day, for Sept. 10

Monday **23** Tuesday **24** Wednesday **25** Thursday **26**Friday **14** Saturday **15** Sunday **16**

Sunrise and Sunset at Uppsala (TL ± 1 mn)

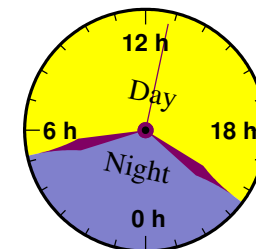
113 - 252 05:11 - 20:27	114 - 251 05:08 - 20:29	115 - 250 05:05 - 20:32	116 - 249 05:02 - 20:34	257 - 108 06:15 - 19:14	258 - 107 06:17 - 19:11	259 - 106 06:19 - 19:08
8	8	8	8	8	8	8
9	9	9	9	9	9	9
10	10	10	10	10	10	10
11	11	11	11	11	11	11
12	12	12	12	12	12	12
13	13	13	13	13	13	13
14	14	14	14	14	14	14
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
15:16 +5 m. 43°	15:21 +5 m. 43°	15:26 +5 m. 43°	15:32 +6 m. 44°	12:59 -5 m. 34°	12:54 -4 m. 33°	12:49 -4 m. 33°

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

Week **37****April 2018**

Uppsala

17.645°E, 59.858°N



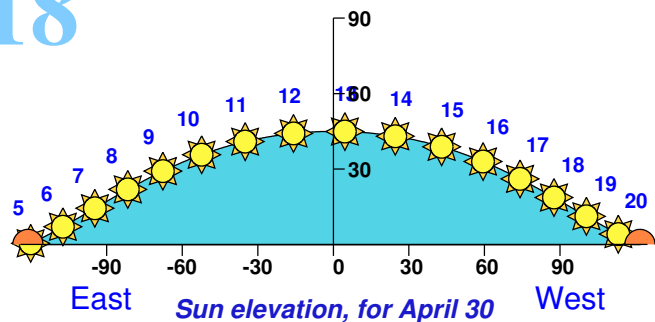
Duration of the day, for April 23

Monday **10** Tuesday **11** Wednesday **12** Thursday **13**Friday **27** Saturday **28** Sunday **29**

Sunrise and Sunset at Uppsala (TL ± 1 mn)

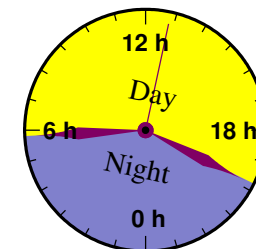
253 - 112 06:05 - 19:26				117 - 248 05:00 - 20:37		
8	8	8	8	8	8	8
9	9	9	9	9	9	9
10	10	10	10	10	10	10
11	11	11	11	11	11	11
12	12	12	12	12	12	12
13	13	13	13	13	13	13
14	14	14	14	14	14	14
15	15	15	15	15	15	15
16	16	16	16	16	16	16
17	17	17	17	17	17	17
18	18	18	18	18	18	18
19	19	19	19	19	19	19
20	20	20	20	20	20	20
13:21 -4 m. 35°	13:16 -5 m. 35°	13:10 -5 m. 34°	13:05 -4 m. 34°	15:37 +5 m. 44°	15:42 +5 m. 44°	15:47 +5 m. 45°

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

Week **18****September 2018**

Uppsala

17.645°E, 59.858°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 Uppsala (TL ± 1 mn)

120 - 245

04:51 - 20:44

121 - 244

04:49 - 20:46

122 - 243

04:46 - 20:49

123 - 242

04:43 - 20:51

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

15:53 +5 m. 45°

15:58 +5 m. 45°

16:03 +5 m. 46°

16:08 +5 m. 46°

250 - 115

05:58 - 19:35

251 - 114

06:01 - 19:32

252 - 113

06:03 - 19:29

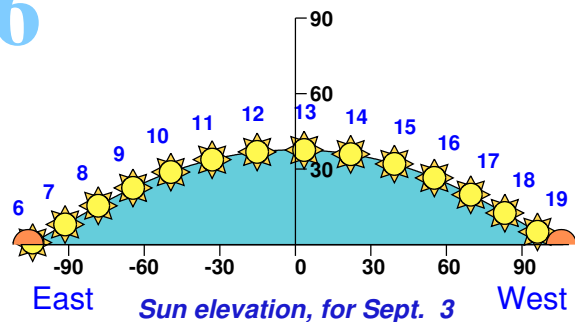
8	8	8
9	9	9
10	10	10
11	11	11
12	12	12
13	13	13
14	14	14
15	15	15
16	16	16
17	17	17
18	18	18
19	19	19
20	20	20

13:37 -4 m. 36°

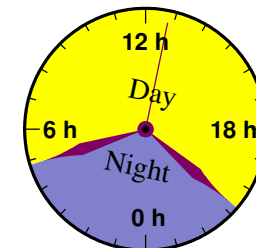
13:32 -5 m. 36°

13:26 -5 m. 35°

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

Week **36****April - May 2018****Uppsala**

17.645°E, 59.858°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 Uppsala (TL ± 1 mn)***246 - 119**

05:49 - 19:47

247 - 118

05:51 - 19:44

248 - 117

05:54 - 19:41

249 - 116

05:56 - 19:38

124 - 241

04:41 - 20:54

125 - 240

04:38 - 20:56

126 - 239

04:35 - 20:59

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

13:58 -4 m. 38°

13:53 -4 m. 37°

13:48 -5 m. 37°

13:42 -5 m. 37°

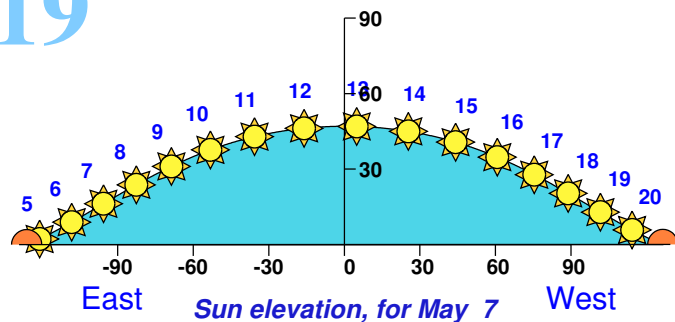
8	8	8
9	9	9
10	10	10
11	11	11
12	12	12
13	13	13
14	14	14
15	15	15
16	16	16
17	17	17
18	18	18
19	19	19
20	20	20

16:13 +5 m. 46°

16:18 +5 m. 46°

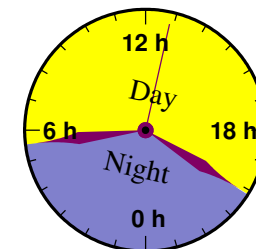
16:23 +5 m. 47°

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

Week **19****Aug. - Sept. 2018**

Uppsala

17.645°E, 59.858°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 Uppsala (TL $\pm$ 1 mn)

127 - 238

04:33 - 21:01

128 - 237

04:30 - 21:04

129 - 236

04:28 - 21:06

130 - 235

04:25 - 21:08

243 - 122

05:42 - 19:56

244 - 121

05:44 - 19:53

245 - 120

05:47 - 19:50

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

16:28 +5 m. 47°

16:33 +5 m. 47°

16:38 +5 m. 48°

16:43 +5 m. 48°

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

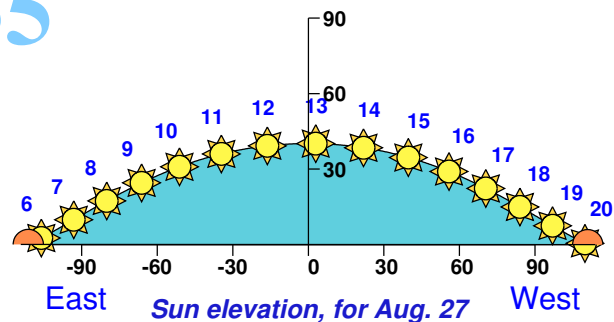
14:14 -5 m. 39°

14:09 -4 m. 38°

14:04 -5 m. 38°

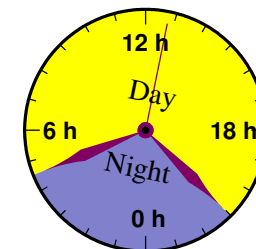
38°

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

Week **35****May 2018**

Uppsala

17.645°E, 59.858°N

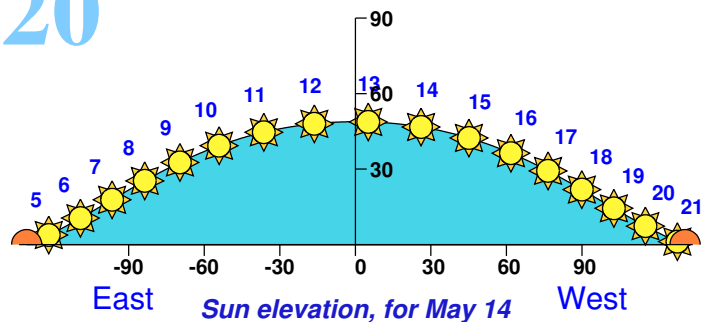


Duration of the day, for May 7

Monday **27** Tuesday **28** Wednesday **29** Thursday **30**Friday **11** Saturday **12** Sunday **13**Sunrise and Sunset at Uppsala (TL $\pm$ 1 mn)

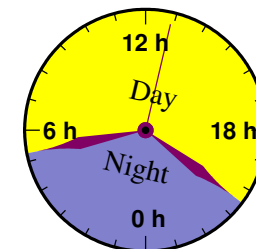
239 - 126 05:33 - 20:08	240 - 125 05:35 - 20:05	241 - 124 05:37 - 20:02	242 - 123 05:40 - 19:59	131 - 234 04:23 - 21:11	132 - 233 04:20 - 21:13	133 - 232 04:18 - 21:16
8	8	8	8	8	8	8
9	9	9	9	9	9	9
10	10	10	10	10	10	10
11	11	11	11	11	11	11
12	12	12	12	12	12	12
13	13	13	13	13	13	13
14	14	14	14	14	14	14
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
14:36 -4 m. 40°	14:30 -5 m. 40°	14:25 -4 m. 39°	14:20 -5 m. 39°	16:48 +5 m. 48°	16:53 +5 m. 48°	16:58 +4 m. 49°

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

Week **20****August 2018**

Uppsala

17.645°E, 59.858°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 Uppsala (TL $\pm$ 1 mn)

134 - 231

04:16 - 21:18

135 - 230

04:13 - 21:20

136 - 229

04:11 - 21:23

137 - 228

04:09 - 21:25

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

17:02 +5 m. 49°

17:07 +5 m. 49°

17:12 +4 m. 49°

17:16 +4 m. 50°

236 - 129

05:26 - 20:17

237 - 128

05:28 - 20:14

238 - 127

05:30 - 20:11

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

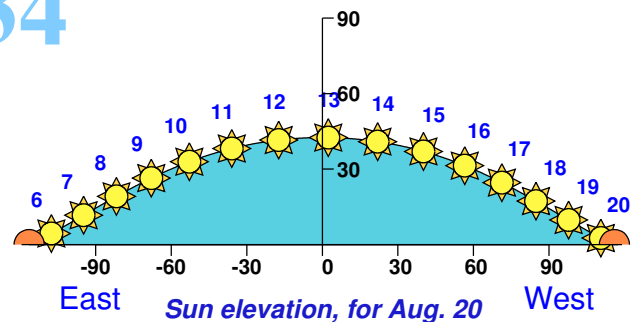
14:51 -5 m. 41°

14:46 -4 m. 41°

14:41 -4 m. 41°

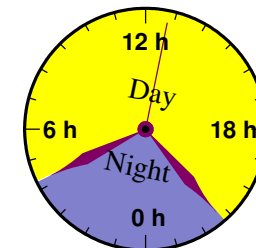
14:41 -4 m. 41°

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

Week **34****May 2018**

Uppsala

17.645°E, 59.858°N



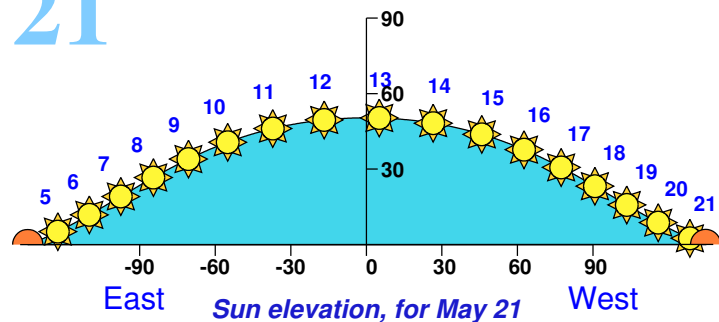
Duration of the day, for May 14

Monday 20 **Tuesday 21** **Wednesday 22** **Thursday 23**
Friday 18 **Saturday 19** **Sunday 20**

Sunrise and Sunset at Uppsala (TL ± 1 mn)

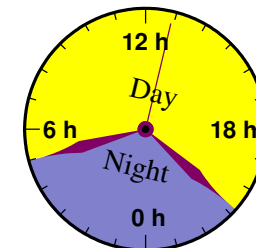
232 - 133 05:16 - 20:28				138 - 227 04:07 - 21:27		
233 - 132 05:18 - 20:25				139 - 226 04:04 - 21:29		
234 - 131 05:21 - 20:23				140 - 225 04:02 - 21:32		
235 - 130 05:23 - 20:20						
8	8	8	8	8	8	8
9	9	9	9	9	9	9
10	10	10	10	10	10	10
11	11	11	11	11	11	11
12	12	12	12	12	12	12
13	13	13	13	13	13	13
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
15:12 -5 m. 43°	15:07 -4 m. 42°	15:02 -4 m. 42°	14:57 -4 m. 42°	17:21 +4 m. 50°	17:25 +4 m. 50°	17:29 +4 m. 50°

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

Week **21****August 2018**

Uppsala

17.645°E, 59.858°N



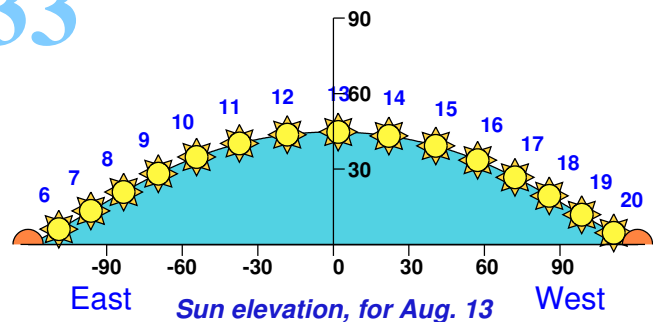
Duration of the day, for Aug. 13

Monday 21 **Tuesday 22** **Wednesday 23** **Thursday 24**
Friday 17 **Saturday 18** **Sunday 19**

Sunrise and Sunset at Uppsala (TL ± 1 mn)

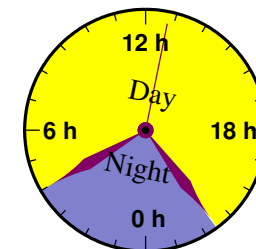
141 - 224 04:00 - 21:34				229 - 136 05:09 - 20:37		
8	8	8	8	8	8	8
9	9	9	9	9	9	9
10	10	10	10	10	10	10
11	11	11	11	11	11	11
12	12	12	12	12	12	12
13	13	13	13	13	13	13
14	14	14	14	14	14	14
15	15	15	15	15	15	15
16	16	16	16	16	16	16
17	17	17	17	17	17	17
18	18	18	18	18	18	18
19	19	19	19	19	19	19
20	20	20	20	20	20	20
17:34 +4 m. 50°	17:38 +4 m. 51°	17:42 +4 m. 51°	17:46 +4 m. 51°	15:28 -4 m. 44°	15:23 -4 m. 43°	15:18 -4 m. 43°

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

Week **33****May 2018**

Uppsala

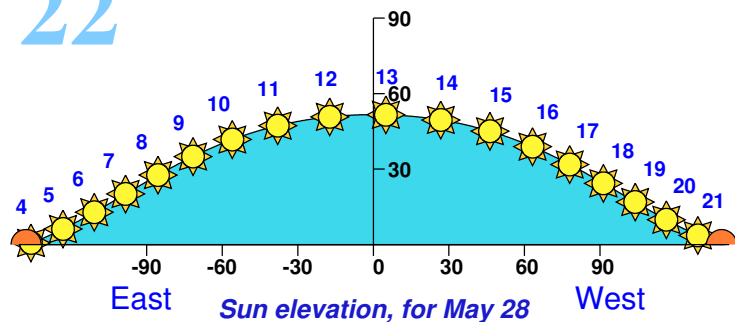
17.645°E, 59.858°N


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

Sunrise and Sunset at Uppsala (TL ± 1 mn)

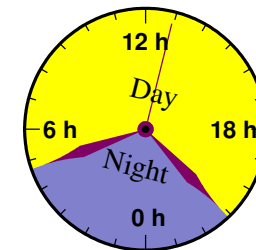
225 - 140 04:59 - 20:48				145 - 220 03:52 - 21:42		
226 - 139 05:02 - 20:45				146 - 219 03:50 - 21:44		
227 - 138 05:04 - 20:42				147 - 218 03:49 - 21:46		
228 - 137 05:06 - 20:40						
8	8	8	8	8	8	8
9	9	9	9	9	9	9
10	10	10	10	10	10	10
11	11	11	11	11	11	11
12	12	12	12	12	12	12
13	13	13	13	13	13	13
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
15:49 -4 m. 45°	15:44 -5 m. 44°	15:38 -5 m. 44°	15:33 -4 m. 44°	17:50 +4 m. 51°	17:54 +4 m. 51°	17:58 +4 m. 51°

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

Week **22****August 2018**

Uppsala

17.645°E, 59.858°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 Uppsala (TL $\pm$ 1 mn)

148 - 217

03:47 - 21:48

149 - 216

03:45 - 21:50

150 - 215

03:44 - 21:52

151 - 214

03:42 - 21:54

222 - 143

04:52 - 20:56

223 - 142

04:55 - 20:53

224 - 141

04:57 - 20:51

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

18:01 +4 m. 52°

18:05 +4 m. 52°

18:08 +3 m. 52°

18:12 +4 m. 52°

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

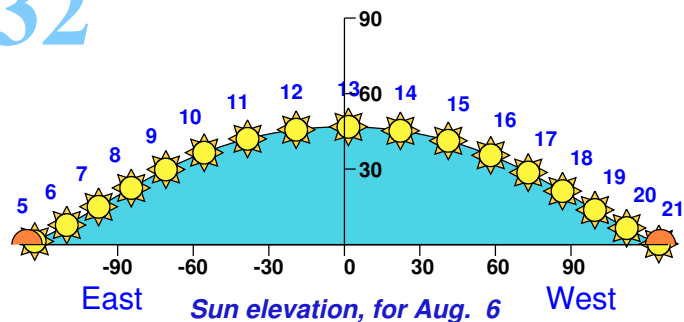
16:04 -4 m. 46°

15:59 -4 m. 45°

15:54 -4 m. 45°

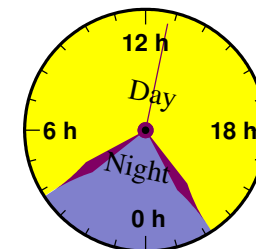
45°

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

Week **32****May - June 2018**

Uppsala

17.645°E, 59.858°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 Uppsala (TL ± 1 mn)

218 - 147

04:43 - 21:07

219 - 146

04:45 - 21:04

220 - 145

04:47 - 21:01

221 - 144

04:50 - 20:59

152 - 213

03:40 - 21:56

153 - 212

03:39 - 21:57

154 - 211

03:38 - 21:59

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

16:24 -4 m. 47°

16:19 -4 m. 47°

16:14 -4 m. 46°

16:09 -4 m. 46°

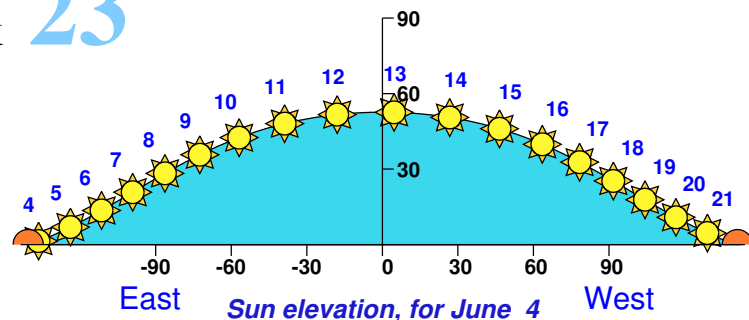
8	8	8
9	9	9
10	10	10
11	11	11
12	12	12
13	13	13
14	14	14
15	15	15
16	16	16
17	17	17
18	18	18
19	19	19
20	20	20

18:15 +3 m. 52°

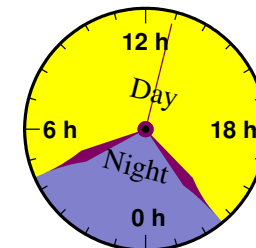
18:18 +3 m. 52°

18:21 +3 m. 52°

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

Week **23****July - Aug. 2018****Uppsala**

17.645°E, 59.858°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 Uppsala (TL ± 1 mn)***155 - 210**

03:36 - 22:00

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

18:24 +3 m. 53°

156 - 209

03:35 - 22:02

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

18:27 +3 m. 53°

157 - 208

03:34 - 22:03

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

18:29 +2 m. 53°

158 - 207

03:33 - 22:05

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

18:32 +3 m. 53°

215 - 150

04:36 - 21:14

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

16:39 -4 m. 48°

216 - 149

04:38 - 21:12

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

16:34 -4 m. 47°

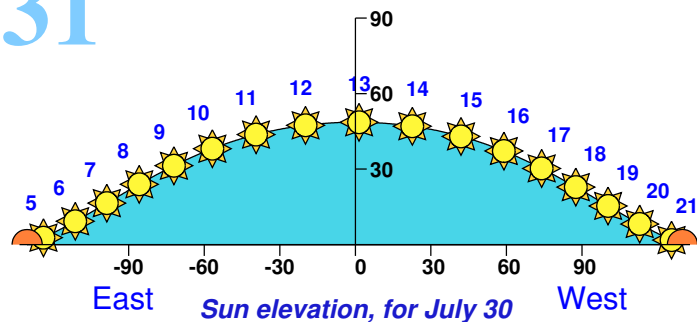
217 - 148

04:40 - 21:09

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

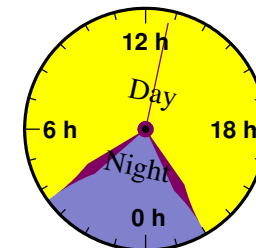
16:29 -4 m. 47°

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

Week **31****June 2018**

Uppsala

17.645°E, 59.858°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 Uppsala (TL ± 1 mn)

211 - 154

04:26 - 21:24

212 - 153

04:29 - 21:22

213 - 152

04:31 - 21:19

214 - 151

04:33 - 21:17

159 - 206

03:32 - 22:06

160 - 205

03:31 - 22:07

161 - 204

03:30 - 22:09

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

16:58 -4 m. 49°

16:53 -4 m. 48°

16:49 -4 m. 48°

16:44 -4 m. 48°

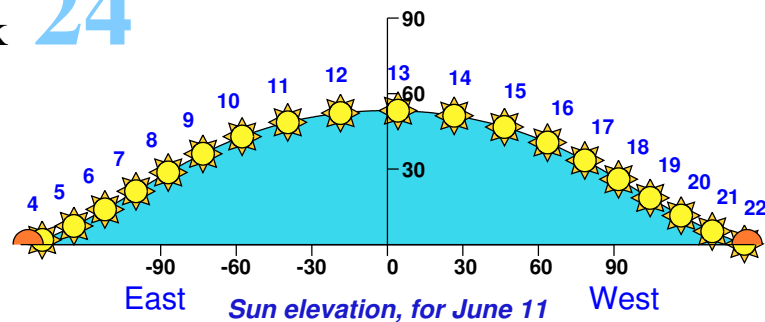
18:34 +2 m. 53°

18:36 +2 m. 53°

18:38 +2 m. 53°

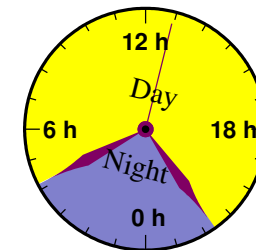
53°

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

Week **24****July 2018**

Uppsala

17.645°E, 59.858°N



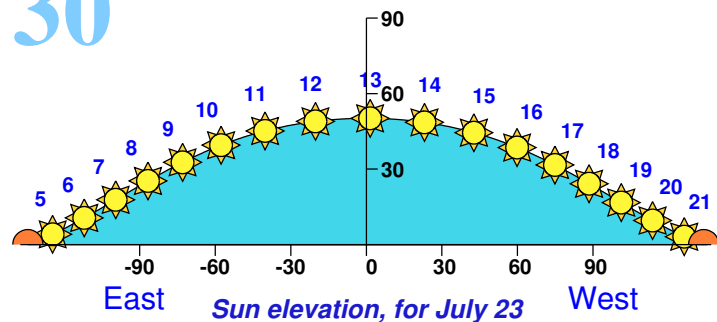
Duration of the day, for July 23

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

Sunrise and Sunset at Uppsala (TL ± 1 mn)

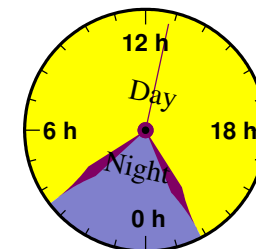
162 - 203 03:30 - 22:10				208 - 157 04:19 - 21:31		
163 - 202 03:29 - 22:11				209 - 156 04:22 - 21:29		
164 - 201 03:28 - 22:12				210 - 155 04:24 - 21:27		
165 - 200 03:28 - 22:12						
8	8	8	8	8	8	8
9	9	9	9	9	9	9
10	10	10	10	10	10	10
11	11	11	11	11	11	11
12	12	12	12	12	12	12
13	13	13	13	13	13	13
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
18:40 +2 m. 53°	18:42 +2 m. 53°	18:43 +1 m. 53°	18:45 +1 m. 53°	17:12 -4 m. 49°	17:07 -4 m. 49°	17:03 -3 m. 49°

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

Week **30****June 2018**

Uppsala

17.645°E, 59.858°N



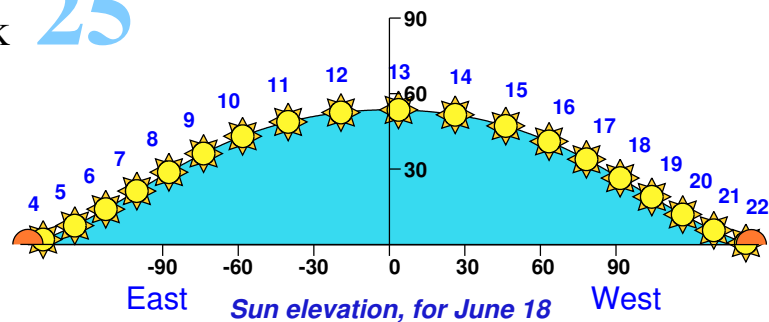
Duration of the day, for June 11

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

Sunrise and Sunset at Uppsala (TL ± 1 mn)

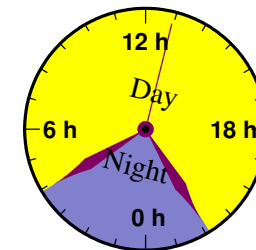
204 - 161 04:11 - 21:40				166 - 199 03:27 - 22:13		
205 - 160 04:13 - 21:38				167 - 198 03:27 - 22:14		
206 - 159 04:15 - 21:36				168 - 197 03:27 - 22:14		
207 - 158 04:17 - 21:34						
8	8	8	8	8	8	8
9	9	9	9	9	9	9
10	10	10	10	10	10	10
11	11	11	11	11	11	11
12	12	12	12	12	12	12
13	13	13	13	13	13	13
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
17:30 -3 m. 50°	17:25 -4 m. 50°	17:21 -3 m. 50°	17:17 -4 m. 50°	18:46 +1 m. 53°	18:47 +1 m. 54°	18:48 +0 m. 54°

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

Week **25****July 2018**

Uppsala

17.645°E, 59.858°N



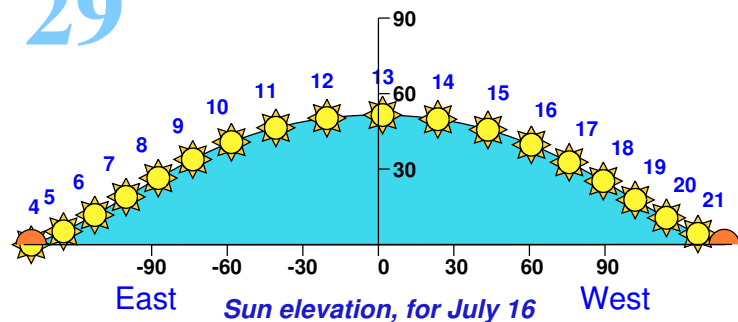
Duration of the day, for July 16

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

Sunrise and Sunset at Uppsala (TL ± 1 mn)

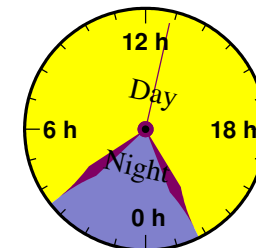
169 - 196 03:27 - 22:15				201 - 164 04:04 - 21:46		
170 - 195 03:27 - 22:15				202 - 163 04:06 - 21:44		
171 - 194 03:27 - 22:16				203 - 162 04:08 - 21:42		
172 - 193 03:27 - 22:16						
8	8	8	8	8	8	8
9	9	9	9	9	9	9
10	10	10	10	10	10	10
11	11	11	11	11	11	11
12	12	12	12	12	12	12
13	13	13	13	13	13	13
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
18:48 +1 m. 54°	18:49 +0 m. 54°	18:49 +0 m. 54°	18:49 +0 m. 54°	17:42 -3 m. 51°	17:38 -3 m. 51°	17:34 -3 m. 50°

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

Week **29****June 2018**

Uppsala

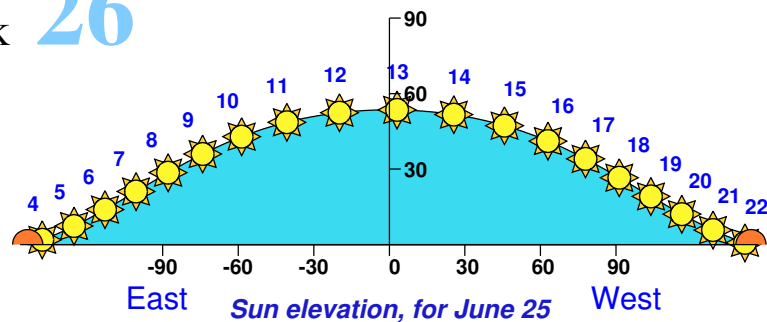
17.645°E, 59.858°N


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

Sunrise and Sunset at Uppsala (TL ± 1 mn)

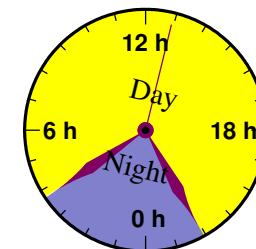
197 - 168 03:56 - 21:54				173 - 192 03:27 - 22:16		
8	8	8	8	8	8	8
9	9	9	9	9	9	9
10	10	10	10	10	10	10
11	11	11	11	11	11	11
12	12	12	12	12	12	12
13	13	13	13	13	13	13
14	14	14	14	14	14	14
15	15	15	15	15	15	15
16	16	16	16	16	16	16
17	17	17	17	17	17	17
18	18	18	18	18	18	18
19	19	19	19	19	19	19
20	20	20	20	20	20	20
17:58 -3 m. 51°	17:54 -3 m. 51°	17:50 -3 m. 51°	17:46 -3 m. 51°	18:49 +0 m. 54°	18:49 +0 m. 54°	18:48 +0 m. 54°

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

Week **26****July 2018**

Uppsala

17.645°E, 59.858°N

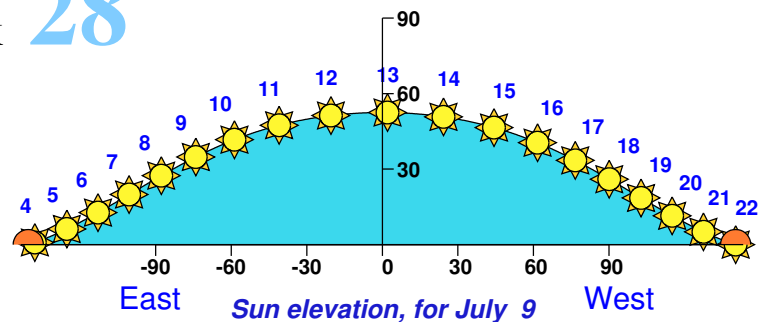


Duration of the day, for July 9

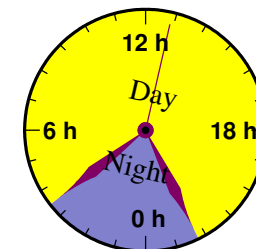
Monday **25** Tuesday **26** Wednesday **27** Thursday **28**Friday **13** Saturday **14** Sunday **15**Sunrise and Sunset at Uppsala (TL $\pm$ 1 mn)

176 - 189 03:28 - 22:16				194 - 171 03:51 - 21:59		
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
18:47 +0 m. 54°	18:47 +0 m. 54°	18:46 +0 m. 53°	18:45 -1 m. 53°	18:08 -3 m. 52°	18:05 -2 m. 52°	18:01 -3 m. 52°

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

Week **28****June - July 2018****Uppsala**

17.645°E, 59.858°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 Uppsala (TL ± 1 mn)*

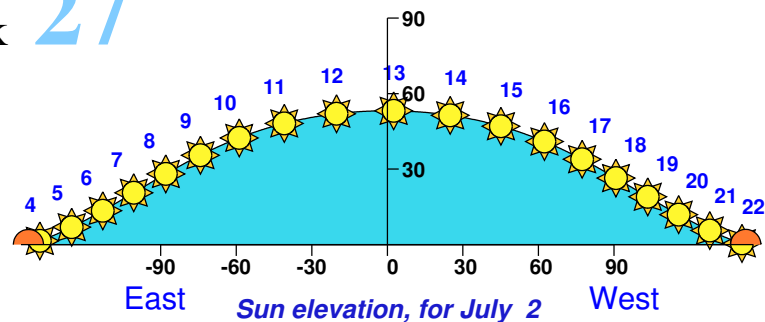
190 - 175 03:44 - 22:05				180 - 185 03:31 - 22:14		
8	8	8	8	8	8	8
9	9	9	9	9	9	9
10	10	10	10	10	10	10
11	11	11	11	11	11	11
12	12	12	12	12	12	12
13	13	13	13	13	13	13
14	14	14	14	14	14	14
15	15	15	15	15	15	15
16	16	16	16	16	16	16
17	17	17	17	17	17	17
18	18	18	18	18	18	18
19	19	19	19	19	19	19
20	20	20	20	20	20	20
18:21	-2 m.	52°		18:43	-1 m.	53°

191 - 174 03:45 - 22:03				181 - 184 03:32 - 22:14		
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
18:18	-2 m.	52°		18:42	+0 m.	53°

192 - 173 03:47 - 22:02				182 - 183 03:33 - 22:13		
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
18:15	-2 m.	52°		18:40	-1 m.	53°

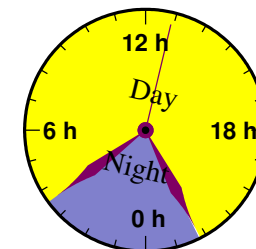
193 - 172 03:49 - 22:00						
8	8	8	8			
9	9	9	9			
10	10	10	10			
11	11	11	11			
12	12	12	12			
13	13	13	13			
14	14	14	14			
15	15	15	15			
16	16	16	16			
17	17	17	17			
18	18	18	18			
19	19	19	19			
20	20	20	20			
18:12	-2 m.	52°				

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

Week **27****July 2018**

Uppsala

17.645°E, 59.858°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 Uppsala (TL ± 1 mn)

183 - 182

03:34 - 22:12

184 - 181

03:35 - 22:11

185 - 180

03:37 - 22:11

186 - 179

03:38 - 22:10

187 - 178

03:39 - 22:08

188 - 177

03:41 - 22:07

189 - 176

03:42 - 22:06

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

18:38 -1 m. 53°

18:36 -1 m. 53°

18:34 -1 m. 53°

18:32 -1 m. 53°

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

18:29 -2 m. 53°

18:27 -1 m. 53°

18:24 -2 m. 53°

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