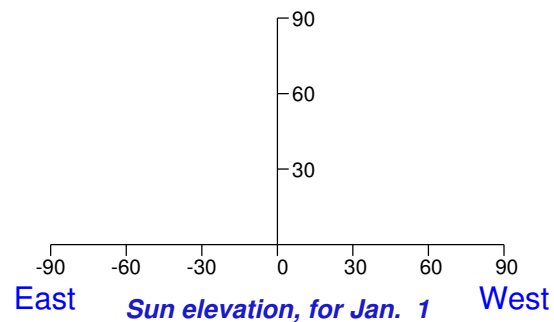
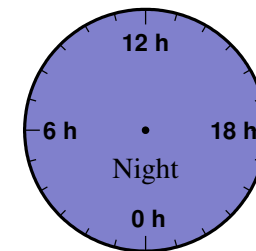
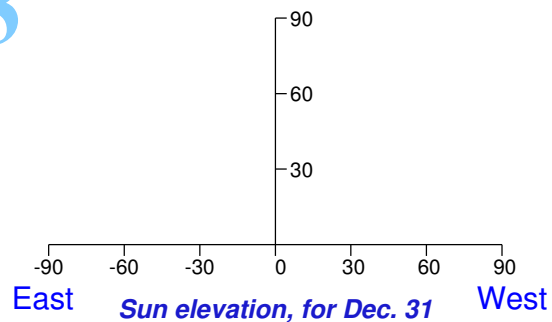
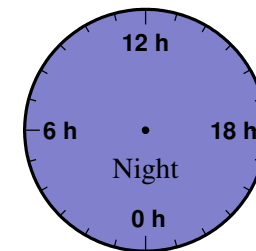


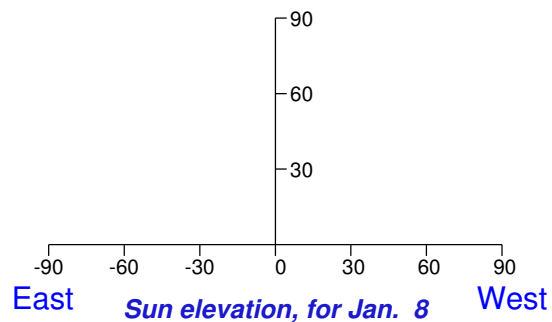
Sun Diary **2018**

Week **1****Dec. - Jan. 2019**
Ny-Alesund
 11.92°E, 78.92°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 Ny-Alesund (TL ± 1 mn)*

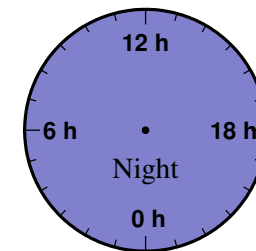
1 - 364 Polar Night	2 - 363 Polar Night	3 - 362 Polar Night	4 - 361 Polar Night	4 - 361 Polar Night	5 - 360 Polar Night	6 - 359 Polar Night
8	8	8	8	8	8	8
9	9	9	9	9	9	9
10	10	10	10	10	10	10
11	11	11	11	11	11	11
12	12	12	12	12	12	12
13	13	13	13	13	13	13
14	14	14	14	14	14	14
15	15	15	15	15	15	15
16	16	16	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

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

Week **53****January 2018**
Ny-Alesund
 11.92°E, 78.92°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 Ny-Alesund (TL ± 1 mn)***365 - 0****Polar Night**
 8 —
 9 —
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 11 —
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 20 —
1 - 364**Polar Night**
 8 —
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 20 —
2 - 363**Polar Night**
 8 —
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 18 —
 19 —
 20 —
3 - 362**Polar Night**
 8 —
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 19 —
 20 —
5 - 360**Polar Night**
 8 —
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 18 —
 19 —
 20 —
6 - 359**Polar Night**
 8 —
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 12 —
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 17 —
 18 —
 19 —
 20 —
7 - 358**Polar Night**
 8 —
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 11 —
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 13 —
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 16 —
 17 —
 18 —
 19 —
 20 —

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

Ny-Alesund
11.92°E, 78.92°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 Ny-Alesund (TL ± 1 mn)***8 - 357**

Polar Night

8

9

10

11

12

13

14

15

16

17

18

19

20

9 - 356

Polar Night

8

9

10

11

12

13

14

15

16

17

18

19

20

10 - 355

Polar Night

8

9

10

11

12

13

14

15

16

17

18

19

20

11 - 354

Polar Night

8

9

10

11

12

13

14

15

16

17

18

19

20

362 - 3

Polar Night

8

9

10

11

12

13

14

15

16

17

18

19

20

363 - 2

Polar Night

8

9

10

11

12

13

14

15

16

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18

19

20

364 - 1

Polar Night

8

9

10

11

12

13

14

15

16

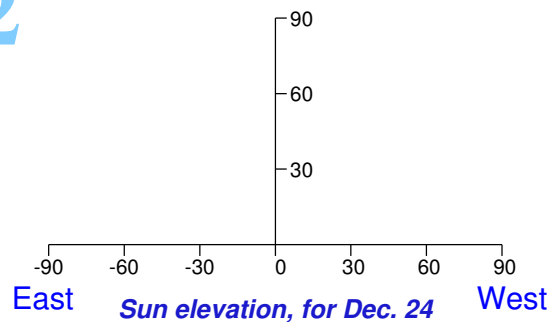
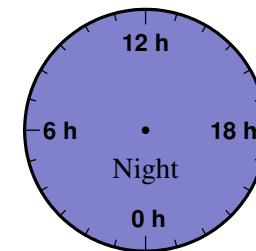
17

18

19

20

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

Week **52****January 2018**
Ny-Alesund
 11.92°E, 78.92°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 Ny-Alesund (TL ± 1 mn)***358 - 7**

Polar Night

 8 —
 9 —
 10 —
 11 —
 12 —
 13 —
 14 —
 15 —
 16 —
 17 —
 18 —
 19 —
 20 —
359 - 6

Polar Night

 8 —
 9 —
 10 —
 11 —
 12 —
 13 —
 14 —
 15 —
 16 —
 17 —
 18 —
 19 —
 20 —
360 - 5

Polar Night

 8 —
 9 —
 10 —
 11 —
 12 —
 13 —
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 15 —
 16 —
 17 —
 18 —
 19 —
 20 —
361 - 4

Polar Night

 8 —
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 19 —
 20 —
12 - 353

Polar Night

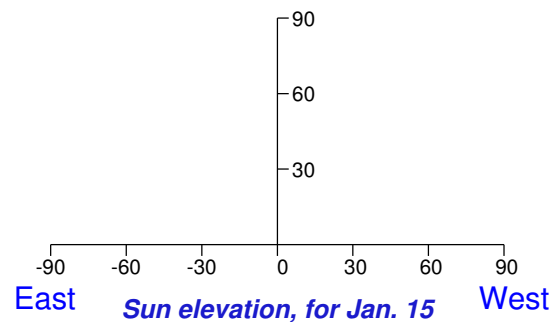
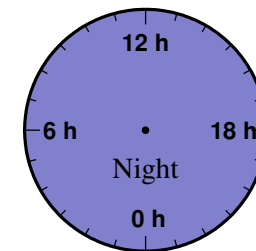
 8 —
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13 - 352

Polar Night

 8 —
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 16 —
 17 —
 18 —
 19 —
 20 —
14 - 351

Polar Night

 8 —
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 18 —
 19 —
 20 —
Duration of the day - Variation - Sun maximal elevation (°)

Week **3****December 2018**
Ny-Alesund
 11.92°E, 78.92°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 Ny-Alesund (TL ± 1 mn)**15 - 350*

Polar Night

 8 —
 9 —
 10 —
 11 —
 12 —
 13 —
 14 —
 15 —
 16 —
 17 —
 18 —
 19 —
 20 —
16 - 349

Polar Night

 8 —
 9 —
 10 —
 11 —
 12 —
 13 —
 14 —
 15 —
 16 —
 17 —
 18 —
 19 —
 20 —
17 - 348

Polar Night

 8 —
 9 —
 10 —
 11 —
 12 —
 13 —
 14 —
 15 —
 16 —
 17 —
 18 —
 19 —
 20 —
18 - 347

Polar Night

 8 —
 9 —
 10 —
 11 —
 12 —
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 14 —
 15 —
 16 —
 17 —
 18 —
 19 —
 20 —
355 - 10

Polar Night

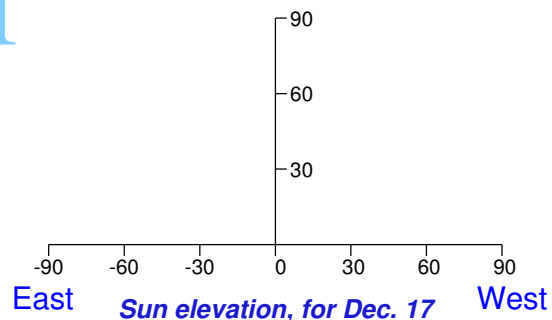
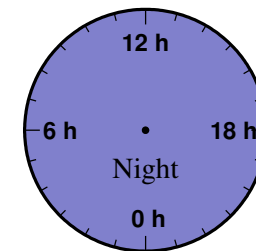
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356 - 9

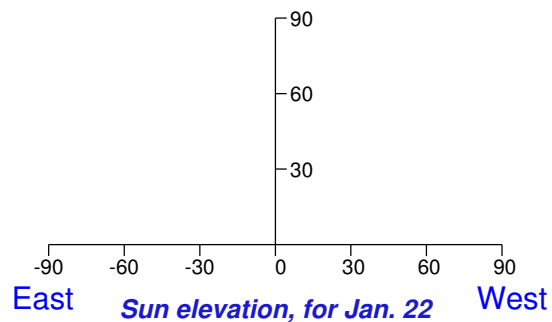
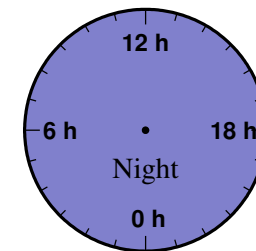
Polar Night

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 19 —
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357 - 8

Polar Night

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 10 —
 11 —
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 18 —
 19 —
 20 —

Week **51****January 2018**
Ny-Alesund
 11.92°E, 78.92°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 Ny-Alesund (TL ± 1 mn)***351 - 14****Polar Night**
 8 —
 9 —
 10 —
 11 —
 12 —
 13 —
 14 —
 15 —
 16 —
 17 —
 18 —
 19 —
 20 —
352 - 13**Polar Night**
 8 —
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 12 —
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 14 —
 15 —
 16 —
 17 —
 18 —
 19 —
 20 —
353 - 12**Polar Night**
 8 —
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 12 —
 13 —
 14 —
 15 —
 16 —
 17 —
 18 —
 19 —
 20 —
354 - 11**Polar Night**
 8 —
 9 —
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 20 —
19 - 346**Polar Night**
 8 —
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 20 —
20 - 345**Polar Night**
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 16 —
 17 —
 18 —
 19 —
 20 —
21 - 344**Polar Night**
 8 —
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 15 —
 16 —
 17 —
 18 —
 19 —
 20 —

Week **4****December 2018**
Ny-Alesund
 11.92°E, 78.92°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 Ny-Alesund (TL ± 1 mn)***22 - 343**

Polar Night

 8 —
 9 —
 10 —
 11 —
 12 —
 13 —
 14 —
 15 —
 16 —
 17 —
 18 —
 19 —
 20 —
23 - 342

Polar Night

 8 —
 9 —
 10 —
 11 —
 12 —
 13 —
 14 —
 15 —
 16 —
 17 —
 18 —
 19 —
 20 —
24 - 341

Polar Night

 8 —
 9 —
 10 —
 11 —
 12 —
 13 —
 14 —
 15 —
 16 —
 17 —
 18 —
 19 —
 20 —
25 - 340

Polar Night

 8 —
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 14 —
 15 —
 16 —
 17 —
 18 —
 19 —
 20 —
348 - 17

Polar Night

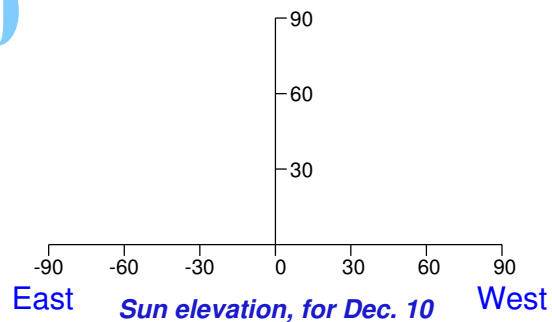
 8 —
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 17 —
 18 —
 19 —
 20 —
349 - 16

Polar Night

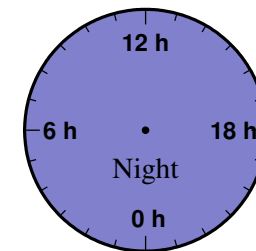
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 19 —
 20 —
350 - 15

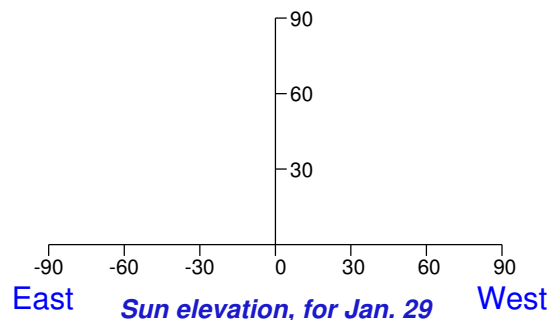
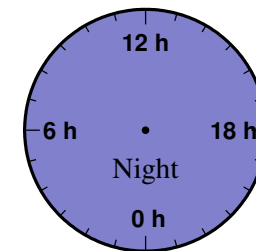
Polar Night

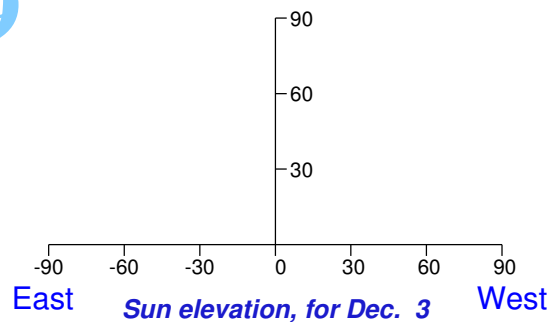
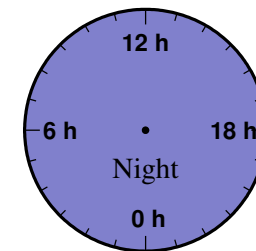
 8 —
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 12 —
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 15 —
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 17 —
 18 —
 19 —
 20 —

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

Ny-Alesund
11.92°E, 78.92°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 Ny-Alesund (TL ± 1 mn)***344 - 21****Polar Night**
8 —
9 —
10 —
11 —
12 —
13 —
14 —
15 —
16 —
17 —
18 —
19 —
20 —
345 - 20**Polar Night**
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11 —
12 —
13 —
14 —
15 —
16 —
17 —
18 —
19 —
20 —
346 - 19**Polar Night**
8 —
9 —
10 —
11 —
12 —
13 —
14 —
15 —
16 —
17 —
18 —
19 —
20 —
347 - 18**Polar Night**
8 —
9 —
10 —
11 —
12 —
13 —
14 —
15 —
16 —
17 —
18 —
19 —
20 —
26 - 339**Polar Night**
8 —
9 —
10 —
11 —
12 —
13 —
14 —
15 —
16 —
17 —
18 —
19 —
20 —
27 - 338**Polar Night**
8 —
9 —
10 —
11 —
12 —
13 —
14 —
15 —
16 —
17 —
18 —
19 —
20 —
28 - 337**Polar Night**
8 —
9 —
10 —
11 —
12 —
13 —
14 —
15 —
16 —
17 —
18 —
19 —
20 —

Week **5****December 2018**
Ny-Alesund
 11.92°E, 78.92°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 Ny-Alesund (TL ± 1 mn)***29 - 336****Polar Night**
 8 —
 9 —
 10 —
 11 —
 12 —
 13 —
 14 —
 15 —
 16 —
 17 —
 18 —
 19 —
 20 —
30 - 335**Polar Night**
 8 —
 9 —
 10 —
 11 —
 12 —
 13 —
 14 —
 15 —
 16 —
 17 —
 18 —
 19 —
 20 —
31 - 334**Polar Night**
 8 —
 9 —
 10 —
 11 —
 12 —
 13 —
 14 —
 15 —
 16 —
 17 —
 18 —
 19 —
 20 —
32 - 333**Polar Night**
 8 —
 9 —
 10 —
 11 —
 12 —
 13 —
 14 —
 15 —
 16 —
 17 —
 18 —
 19 —
 20 —
341 - 24**Polar Night**
 8 —
 9 —
 10 —
 11 —
 12 —
 13 —
 14 —
 15 —
 16 —
 17 —
 18 —
 19 —
 20 —
342 - 23**Polar Night**
 8 —
 9 —
 10 —
 11 —
 12 —
 13 —
 14 —
 15 —
 16 —
 17 —
 18 —
 19 —
 20 —
343 - 22**Polar Night**
 8 —
 9 —
 10 —
 11 —
 12 —
 13 —
 14 —
 15 —
 16 —
 17 —
 18 —
 19 —
 20 —
Duration of the day - Variation - Sun maximal elevation (°)

Week **49****Jan. - Feb. 2018**
Ny-Alesund
 11.92°E, 78.92°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 Ny-Alesund (TL ± 1 mn)***337 - 28****Polar Night**

8

9

10

11

12

13

14

15

16

17

18

19

20

338 - 27**Polar Night**

8

9

10

11

12

13

14

15

16

17

18

19

20

339 - 26**Polar Night**

8

9

10

11

12

13

14

15

16

17

18

19

20

340 - 25**Polar Night**

8

9

10

11

12

13

14

15

16

17

18

19

20

33 - 332**Polar Night**

8

9

10

11

12

13

14

15

16

17

18

19

20

34 - 331**Polar Night**

8

9

10

11

12

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17

18

19

20

35 - 330**Polar Night**

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16

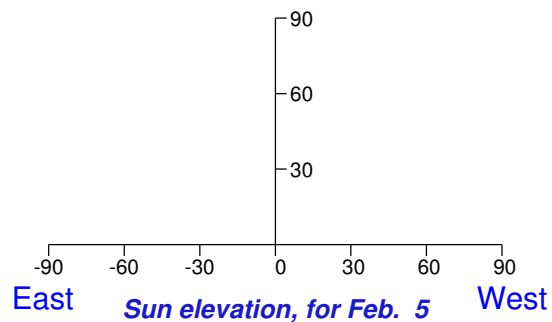
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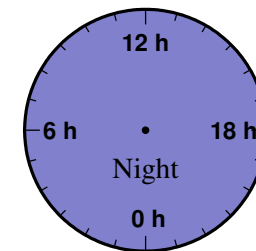
19

20

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

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

Ny-Alesund
11.92°E, 78.92°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 Ny-Alesund (TL ± 1 mn)***36 - 329****Polar Night**

8

9

10

11

12

13

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15

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18

19

20

37 - 328**Polar Night**

8

9

10

11

12

13

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15

16

17

18

19

20

38 - 327**Polar Night**

8

9

10

11

12

13

14

15

16

17

18

19

20

39 - 326**Polar Night**

8

9

10

11

12

13

14

15

16

17

18

19

20

334 - 31**Polar Night**

8

9

10

11

12

13

14

15

16

17

18

19

20

335 - 30**Polar Night**

8

9

10

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336 - 29**Polar Night**

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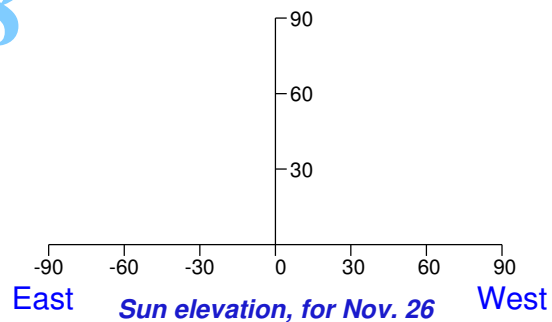
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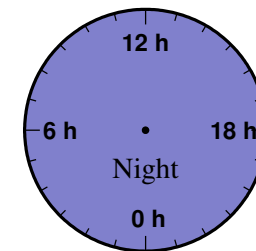
19

20

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

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

Ny-Alesund
11.92°E, 78.92°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 Ny-Alesund (TL ± 1 mn)***330 - 35**

Polar Night

8
9
10
11
12
13
14
15
16
17
18
19
20
331 - 34

Polar Night

8
9
10
11
12
13
14
15
16
17
18
19
20
332 - 33

Polar Night

8
9
10
11
12
13
14
15
16
17
18
19
20
333 - 32

Polar Night

8
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17
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19
20
40 - 325

Polar Night

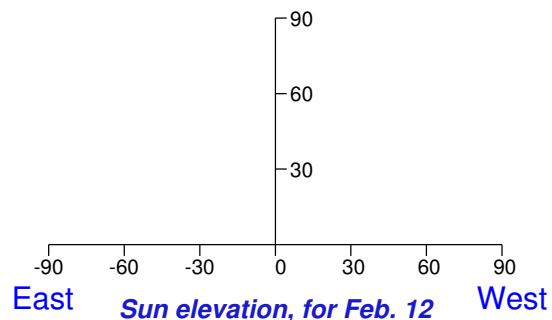
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41 - 324

Polar Night

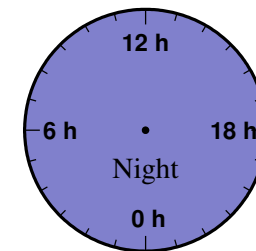
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19
20
42 - 323

Polar Night

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16
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18
19
20
Duration of the day - Variation - Sun maximal elevation (°)

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

Ny-Alesund
11.92°E, 78.92°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 Ny-Alesund (TL ± 1 mn)***43 - 322**

Polar Night

8 —
9 —
10 —
11 —
12 —
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16 —
17 —
18 —
19 —
20 —
44 - 321

Polar Night

8 —
9 —
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12 —
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17 —
18 —
19 —
20 —
45 - 320

Polar Night

8 —
9 —
10 —
11 —
12 —
13 —
14 —
15 —
16 —
17 —
18 —
19 —
20 —
46 - 319

Polar Night

8 —
9 —
10 —
11 —
12 —
13 —
14 —
15 —
16 —
17 —
18 —
19 —
20 —
327 - 38

Polar Night

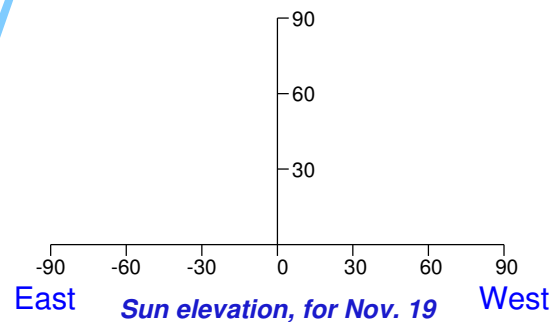
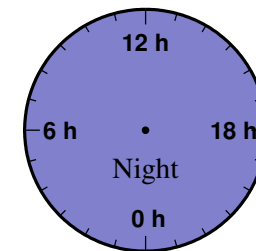
8 —
9 —
10 —
11 —
12 —
13 —
14 —
15 —
16 —
17 —
18 —
19 —
20 —
328 - 37

Polar Night

8 —
9 —
10 —
11 —
12 —
13 —
14 —
15 —
16 —
17 —
18 —
19 —
20 —
329 - 36

Polar Night

8 —
9 —
10 —
11 —
12 —
13 —
14 —
15 —
16 —
17 —
18 —
19 —
20 —
Duration of the day - Variation - Sun maximal elevation (°)

Week **47****February 2018**
Ny-Alesund
 11.92°E, 78.92°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 Ny-Alesund (TL ± 1 mn)***323 - 42****Polar Night**
 8 —
 9 —
 10 —
 11 —
 12 —
 13 —
 14 —
 15 —
 16 —
 17 —
 18 —
 19 —
 20 —
324 - 41**Polar Night**
 8 —
 9 —
 10 —
 11 —
 12 —
 13 —
 14 —
 15 —
 16 —
 17 —
 18 —
 19 —
 20 —
325 - 40**Polar Night**
 8 —
 9 —
 10 —
 11 —
 12 —
 13 —
 14 —
 15 —
 16 —
 17 —
 18 —
 19 —
 20 —
326 - 39**Polar Night**
 8 —
 9 —
 10 —
 11 —
 12 —
 13 —
 14 —
 15 —
 16 —
 17 —
 18 —
 19 —
 20 —
47 - 318**Polar Night**
 8 —
 9 —
 10 —
 11 —
 12 —
 13 —
 14 —
 15 —
 16 —
 17 —
 18 —
 19 —
 20 —
48 - 317

12:21 - 12:34

 8 —
 9 —
 10 —
 11 —
 12 —
 13 —
 14 —
 15 —
 16 —
 17 —
 18 —
 19 —
 20 —
49 - 316

11:28 - 13:27

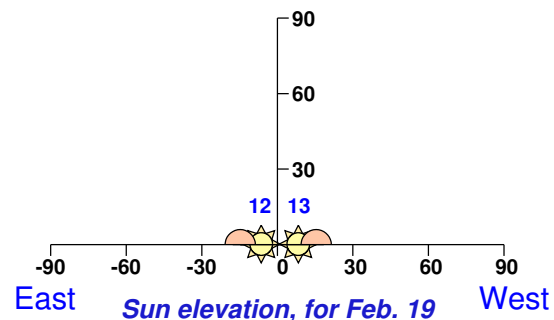
 8 —
 9 —
 10 —
 11 —
 12 —
 13 —
 14 —
 15 —
 16 —
 17 —
 18 —
 19 —
 20 —

0:13 +13 m. 0°

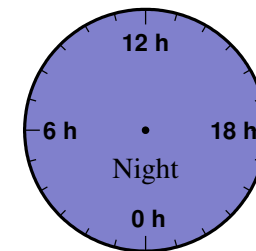
1:58 +105 m.

0°

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

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

Ny-Alesund
11.92°E, 78.92°N

*Duration of the day, for Nov. 12*

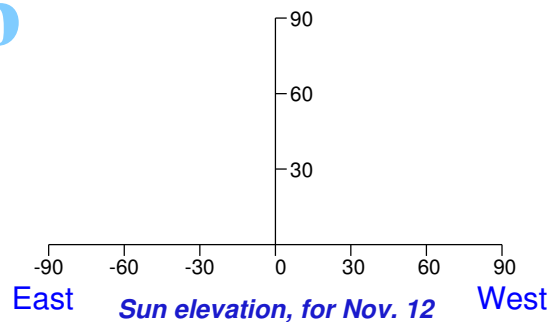
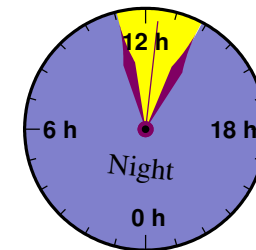
Monday 19 **Tuesday 20** **Wednesday 21** **Thursday 22**

Friday 16 **Saturday 17** **Sunday 18**

Sunrise and Sunset at Ny-Alesund (TL ± 1 mn)

50 - 315 11:04 - 13:51				320 - 45 Polar Night			321 - 44 Polar Night			322 - 43 Polar Night		
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
2:47	+49 m.	0°	3:25	+38 m.	1°	3:58	+33 m.	1°	4:27	+29 m.	1°	

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

Week **46****February 2018**
Ny-Alesund
 11.92°E, 78.92°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 Ny-Alesund (TL ± 1 mn)***316 - 49****Polar Night**
 8 —
 9 —
 10 —
 11 —
 12 —
 13 —
 14 —
 15 —
 16 —
 17 —
 18 —
 19 —
 20 —
317 - 48**Polar Night**
 8 —
 9 —
 10 —
 11 —
 12 —
 13 —
 14 —
 15 —
 16 —
 17 —
 18 —
 19 —
 20 —
318 - 47**Polar Night**
 8 —
 9 —
 10 —
 11 —
 12 —
 13 —
 14 —
 15 —
 16 —
 17 —
 18 —
 19 —
 20 —
319 - 46**Polar Night**
 8 —
 9 —
 10 —
 11 —
 12 —
 13 —
 14 —
 15 —
 16 —
 17 —
 18 —
 19 —
 20 —
54 - 311**Polar Night**
 8 —
 9 —
 10 —
 11 —
 12 —
 13 —
 14 —
 15 —
 16 —
 17 —
 18 —
 19 —
 20 —
55 - 310

09:47 - 15:07

 8 —
 9 —
 10 —
 11 —
 12 —
 13 —
 14 —
 15 —
 16 —
 17 —
 18 —
 19 —
 20 —
56 - 309

09:36 - 15:18

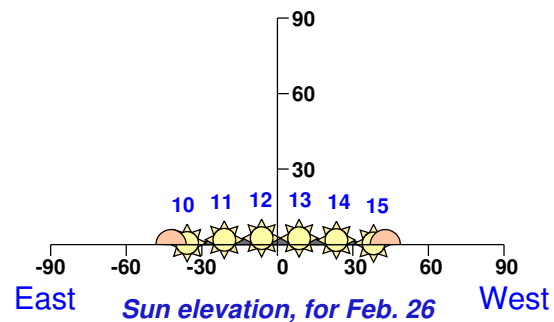
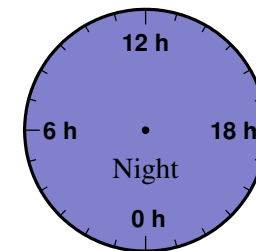
 8 —
 9 —
 10 —
 11 —
 12 —
 13 —
 14 —
 15 —
 16 —
 17 —
 18 —
 19 —
 20 —

5:19 +319 m. 2°

5:42 +23 m. 2°

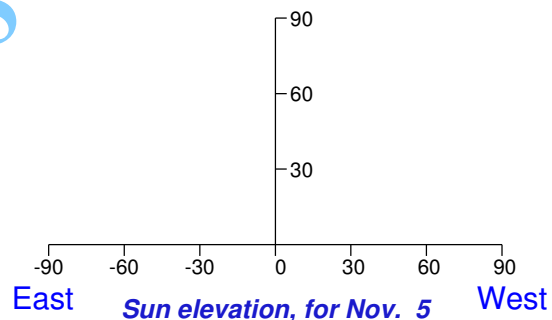
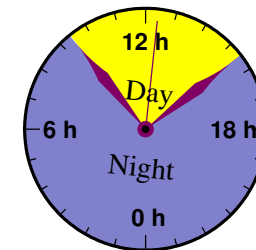
2°

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

Week **9****November 2018**
Ny-Alesund
 11.92°E, 78.92°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 Ny-Alesund (TL ± 1 mn)

57 - 308 09:24 - 15:29				313 - 52 Polar Night		
58 - 307 09:13 - 15:40				314 - 51 Polar Night		
59 - 306 09:03 - 15:50				315 - 50 Polar Night		
60 - 305 08:53 - 16:00						
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
6:05 <i>+22 m.</i> 3°	6:26 <i>+21 m.</i> 3°	6:47 <i>+21 m.</i> 3°	7:07 <i>+20 m.</i> 4°			

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

Week **45****Feb. - March 2018**
Ny-Alesund
 11.92°E, 78.92°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 Ny-Alesund (TL ± 1 mn)***309 - 56****Polar Night**
 8 —
 9 —
 10 —
 11 —
 12 —
 13 —
 14 —
 15 —
 16 —
 17 —
 18 —
 19 —
 20 —
310 - 55**Polar Night**
 8 —
 9 —
 10 —
 11 —
 12 —
 13 —
 14 —
 15 —
 16 —
 17 —
 18 —
 19 —
 20 —
311 - 54**Polar Night**
 8 —
 9 —
 10 —
 11 —
 12 —
 13 —
 14 —
 15 —
 16 —
 17 —
 18 —
 19 —
 20 —
312 - 53**Polar Night**
 8 —
 9 —
 10 —
 11 —
 12 —
 13 —
 14 —
 15 —
 16 —
 17 —
 18 —
 19 —
 20 —
61 - 304

08:43 - 16:09

 8 —
 9 —
 10 —
 11 —
 12 —
 13 —
 14 —
 15 —
 16 —
 17 —
 18 —
 19 —
 20 —
62 - 303

08:33 - 16:19

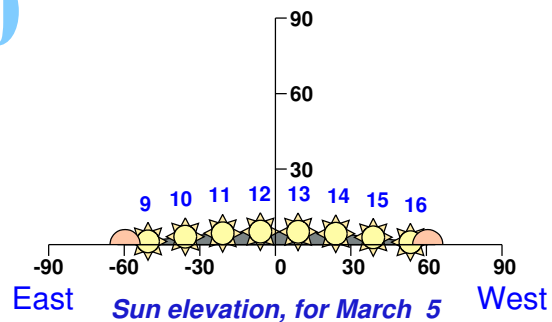
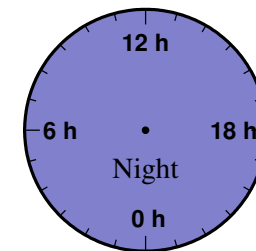
 8 —
 9 —
 10 —
 11 —
 12 —
 13 —
 14 —
 15 —
 16 —
 17 —
 18 —
 19 —
 20 —
63 - 302

08:24 - 16:28

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

7:26 +19 m. 4° 7:45 +19 m. 5° 8:03 +18 m. 5°

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

Week **10****Oct. - Nov. 2018**
Ny-Alesund
 11.92°E, 78.92°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 Ny-Alesund (TL ± 1 mn)***64 - 301**

08:15 - 16:36

65 - 300

08:06 - 16:45

66 - 299

07:57 - 16:54

67 - 298

07:48 - 17:02

306 - 59

Polar Night

307 - 58

Polar Night

308 - 57

Polar Night

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

8:21 +18 m. 5°

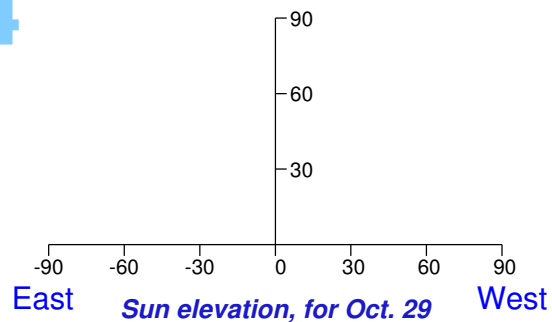
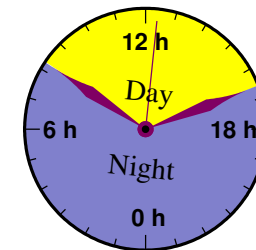
8:39 +18 m. 6°

8:57 +18 m. 6°

9:14 +17 m. 6°

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

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

Week **44****March 2018**
Ny-Alesund
 11.92°E, 78.92°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 Ny-Alesund (TL ± 1 mn)***302 - 63****Polar Night**
 8 —
 9 —
 10 —
 11 —
 12 —
 13 —
 14 —
 15 —
 16 —
 17 —
 18 —
 19 —
 20 —
303 - 62**Polar Night**
 8 —
 9 —
 10 —
 11 —
 12 —
 13 —
 14 —
 15 —
 16 —
 17 —
 18 —
 19 —
 20 —
304 - 61**Polar Night**
 8 —
 9 —
 10 —
 11 —
 12 —
 13 —
 14 —
 15 —
 16 —
 17 —
 18 —
 19 —
 20 —
305 - 60**Polar Night**
 8 —
 9 —
 10 —
 11 —
 12 —
 13 —
 14 —
 15 —
 16 —
 17 —
 18 —
 19 —
 20 —
68 - 297

07:39 - 17:10

 8 —
 9 —
 10 —
 11 —
 12 —
 13 —
 14 —
 15 —
 16 —
 17 —
 18 —
 19 —
 20 —
69 - 296

07:30 - 17:19

 8 —
 9 —
 10 —
 11 —
 12 —
 13 —
 14 —
 15 —
 16 —
 17 —
 18 —
 19 —
 20 —
70 - 295

07:22 - 17:27

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

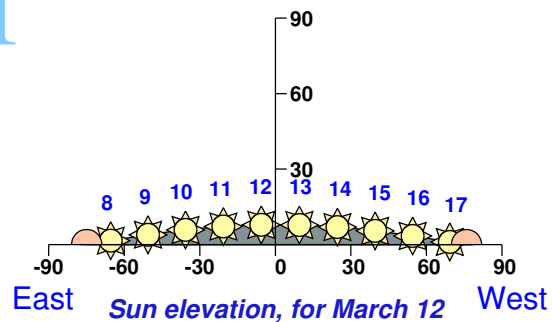
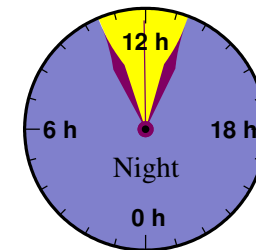
9:31 +17 m. 7°

9:48 +17 m. 7°

10:05 +17 m.

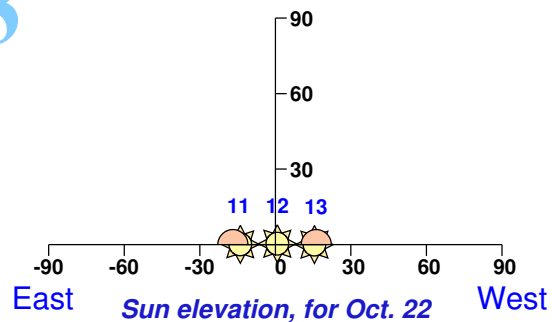
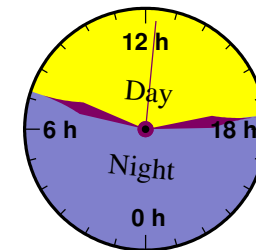
8°

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

Week **11****October 2018**
Ny-Alesund
 11.92°E, 78.92°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 Ny-Alesund (TL ± 1 mn)

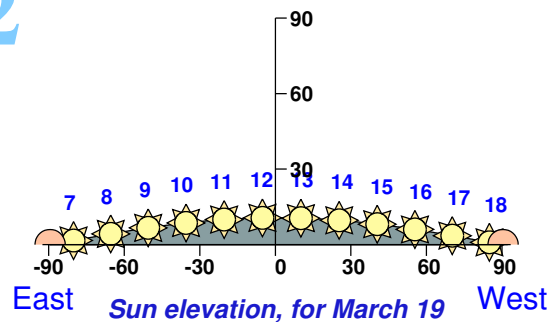
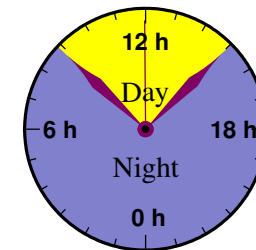
71 - 294 07:13 - 17:35			72 - 293 07:05 - 17:43			73 - 292 06:56 - 17:51			74 - 291 06:48 - 17:59			299 - 66 Polar Night			300 - 65 Polar Night			301 - 64 Polar Night					
8			8			8			8			8			8			8			8		
9			9			9			9			9			9			9			9		
10			10			10			10			10			10			10			10		
11			11			11			11			11			11			11			11		
12			12			12			12			12			12			12			12		
13			13			13			13			13			13			13			13		
14			14			14			14			14			14			14			14		
15			15			15			15			15			15			15			15		
16			16			16			16			16			16			16			16		
17			17			17			17			17			17			17			17		
18			18			18			18			18			18			18			18		
19			19			19			19			19			19			19			19		
20			20			20			20			20			20			20			20		
10:22	+16 m.	8°	10:38	+16 m.	8°	10:54	+16 m.	9°	11:11	+16 m.	9°												

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

Week **43****March 2018**
Ny-Alesund
 11.92°E, 78.92°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 Ny-Alesund (TL ± 1 mn)

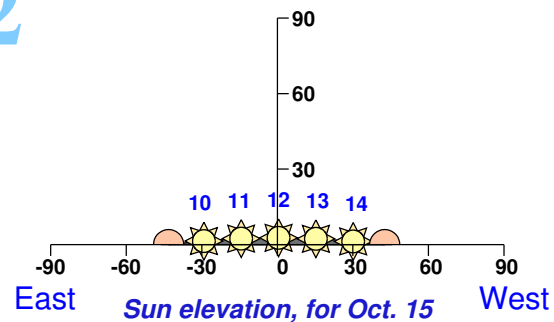
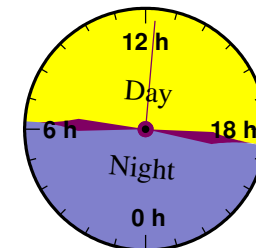
295 - 70 10:27 - 13:24				75 - 290 06:40 - 18:06		
296 - 69 10:49 - 13:02				76 - 289 06:31 - 18:14		
297 - 68 Polar Night				77 - 288 06:23 - 18:22		
298 - 67 Polar Night						
8	8	8	8	8	8	8
9	9	9	9	9	9	9
10	10	10	10	10	10	10
11	11	11	11	11	11	11
12	12	12	12	12	12	12
13	13	13	13	13	13	13
14	14	14	14	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
2:57 -35 m. 1°	2:12 -44 m. 0°			11:27 +16 m. 10°	11:43 +16 m. 10°	11:59 +16 m. 10°

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

Week **12****October 2018**
Ny-Alesund
 11.92°E, 78.92°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 Ny-Alesund (TL ± 1 mn)

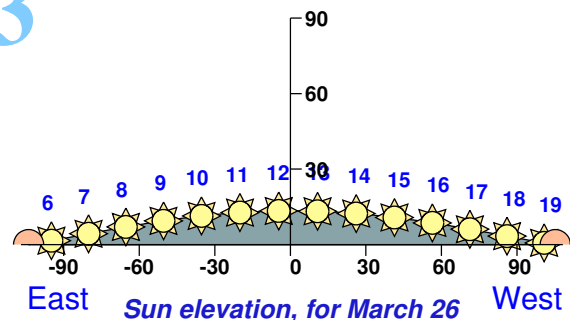
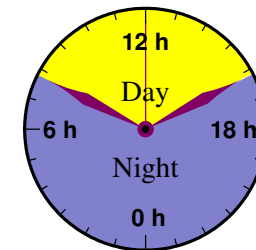
78 - 287 06:15 - 18:30				292 - 73 09:40 - 14:13		
79 - 286 06:06 - 18:38				293 - 72 09:54 - 13:58		
80 - 285 05:58 - 18:46				294 - 71 10:09 - 13:43		
81 - 284 05:50 - 18:53						
8	8	8	8	8	8	8
9	9	9	9	9	9	9
10	10	10	10	10	10	10
11	11	11	11	11	11	11
12	12	12	12	12	12	12
13	13	13	13	13	13	13
14	14	14	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
12:15 +16 m. 11°	12:31 +16 m. 11°	12:48 +16 m. 11°	13:04 +16 m. 12°	4:33 -25 m. 1°	4:04 -27 m. 1°	3:33 -30 m. 1°

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

Week **42****March 2018**
Ny-Alesund
 11.92°E, 78.92°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 Ny-Alesund (TL ± 1 mn)

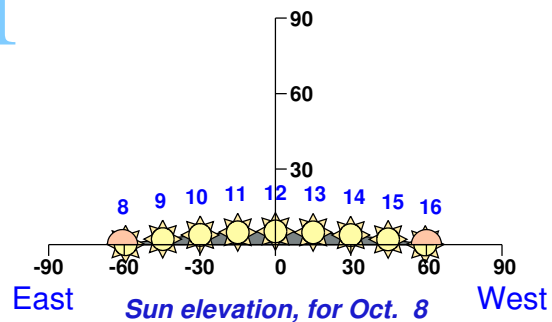
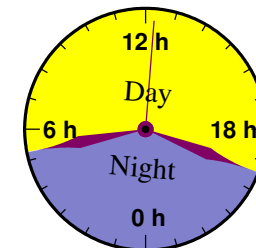
288 - 77 08:53 - 15:01	289 - 76 09:04 - 14:50	290 - 75 09:15 - 14:38	291 - 74 09:27 - 14:26	82 - 283 05:41 - 19:01	83 - 282 05:33 - 19:09	84 - 281 05:24 - 19:17
8	8	8	8	8	8	8
9	9	9	9	9	9	9
10	10	10	10	10	10	10
11	11	11	11	11	11	11
12	12	12	12	12	12	12
13	13	13	13	13	13	13
14	14	14	14	14	14	14
15	15	15	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
6:08 -20 m. 3°	5:46 -21 m. 2°	5:23 -22 m. 2°	4:59 -23 m. 2°	13:20 +16 m. 12°	13:37 +16 m. 13°	13:53 +16 m. 13°

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

Week **13****October 2018**
Ny-Alesund
 11.92°E, 78.92°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 Ny-Alesund (TL ± 1 mn)

85 - 280 05:16 - 19:25				285 - 80 08:23 - 15:32		
86 - 279 05:07 - 19:34				286 - 79 08:33 - 15:22		
87 - 278 04:58 - 19:42				287 - 78 08:43 - 15:12		
88 - 277 04:50 - 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
14:10 +17 m. 13°	14:26 +16 m. 14°	14:44 +17 m. 14°	15:01 +17 m. 15°	7:09 -18 m. 4°	6:49 -19 m. 3°	6:29 -19 m. 3°

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

Week **41****March - April 2018**
Ny-Alesund
 11.92°E, 78.92°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 Ny-Alesund (TL ± 1 mn)***281 - 84**

07:47 - 16:10

8

9

10

11

12

13

14

15

16

17

18

19

20

8:22 -17 m. 5°

282 - 83

07:56 - 16:01

8

9

10

11

12

13

14

15

16

17

18

19

20

8:04 -17 m. 5°

283 - 82

08:05 - 15:51

8

9

10

11

12

13

14

15

16

17

18

19

20

7:46 -17 m. 5°

284 - 81

08:14 - 15:42

8

9

10

11

12

13

14

15

16

17

18

19

20

7:28 -18 m. 4°

89 - 276

04:41 - 19:59

8

9

10

11

12

13

14

15

16

17

18

19

20

15:18 +17 m. 15°

90 - 275

04:32 - 20:07

8

9

10

11

12

13

14

15

16

17

18

19

20

15:36 +18 m. 15°

91 - 274

04:22 - 20:16

8

9

10

11

12

13

14

15

16

17

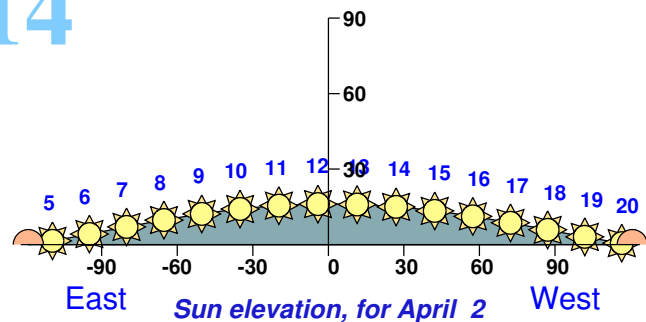
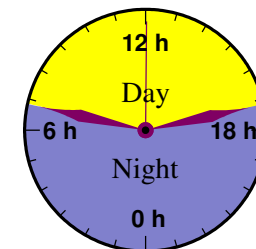
18

19

20

15:54 +18 m. 16°

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

Week **14****October 2018**
Ny-Alesund
 11.92°E, 78.92°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 Ny-Alesund (TL ± 1 mn)*

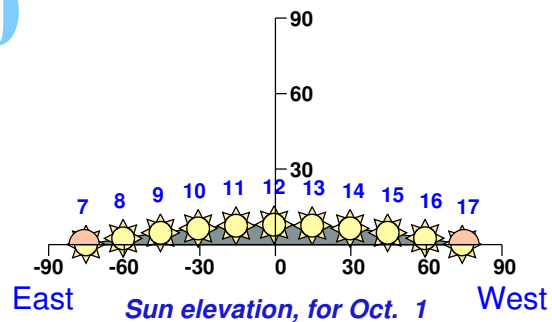
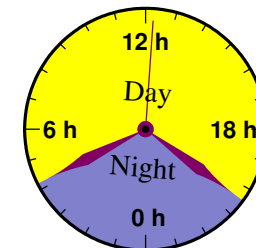
92 - 273 04:13 - 20:25				278 - 87 07:22 - 16:36		
8				8		
9				9		
10				10		
11				11		
12				12		
13				13		
14				14		
15				15		
16				16		
17				17		
18				18		
19				19		
20				20		
16:12	+18 m.	16°		9:14	-16 m.	6°

93 - 272 04:04 - 20:35				279 - 86 07:30 - 16:28		
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		
16:31	+19 m.	17°		8:57	-16 m.	6°

94 - 271 03:54 - 20:44				280 - 85 07:39 - 16:19		
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		
16:50	+19 m.	17°		8:40	-16 m.	6°

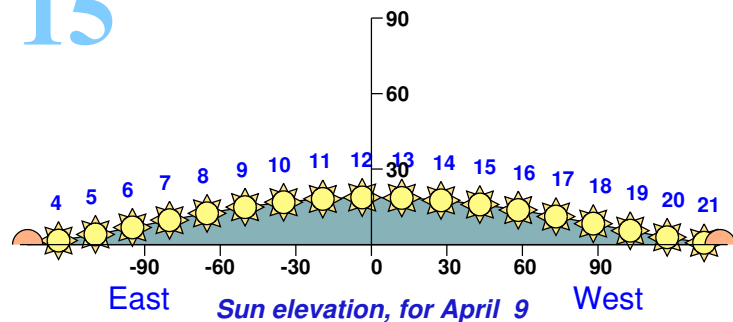
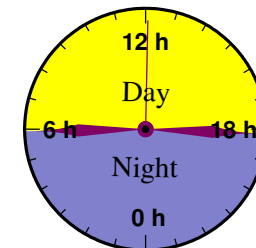
95 - 270 03:44 - 20:54						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
17:10	+20 m.	17°				

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

Week **40****April 2018**
Ny-Alesund
 11.92°E, 78.92°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 Ny-Alesund (TL ± 1 mn)*

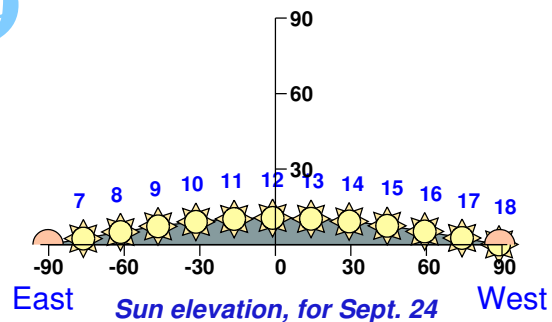
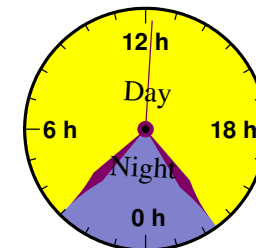
274 - 91 06:50 - 17:11	275 - 90 06:58 - 17:02	276 - 89 07:06 - 16:54	277 - 88 07:14 - 16:45	96 - 269 03:33 - 21:04	97 - 268 03:23 - 21:15	98 - 267 03:12 - 21:26
8	8	8	8	8	8	8
9	9	9	9	9	9	9
10	10	10	10	10	10	10
11	11	11	11	11	11	11
12	12	12	12	12	12	12
13	13	13	13	13	13	13
14	14	14	14	14	14	14
15	15	15	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
10:20 -15 m. 8°	10:04 -15 m. 8°	9:47 -15 m. 7°	9:31 -16 m. 7°	17:31 +21 m. 18°	17:52 +21 m. 18°	18:14 +22 m. 18°

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

Week **15****September 2018**
Ny-Alesund
 11.92°E, 78.92°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 Ny-Alesund (TL ± 1 mn)

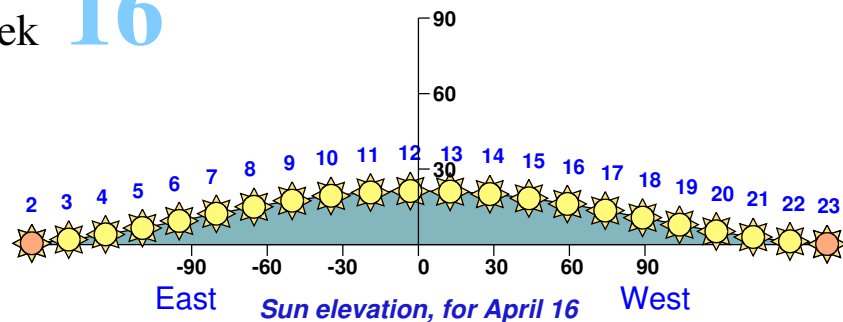
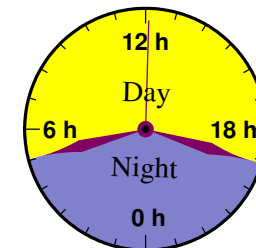
99 - 266 03:00 - 21:37				271 - 94 06:27 - 17:36		
100 - 265 02:48 - 21:50				272 - 93 06:35 - 17:27		
101 - 264 02:35 - 22:03				273 - 92 06:42 - 17:19		
102 - 263 02:21 - 22:18						
8	8	8	8	8	8	8
9	9	9	9	9	9	9
10	10	10	10	10	10	10
11	11	11	11	11	11	11
12	12	12	12	12	12	12
13	13	13	13	13	13	13
14	14	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
18:37 +23 m. 19°	19:02 +25 m. 19°	19:29 +26 m. 20°	19:58 +28 m. 20°	11:09 -15 m. 9°	10:53 -15 m. 9°	10:37 -15 m. 8°

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

Week **39****April 2018**
Ny-Alesund
 11.92°E, 78.92°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 Ny-Alesund (TL ± 1 mn)

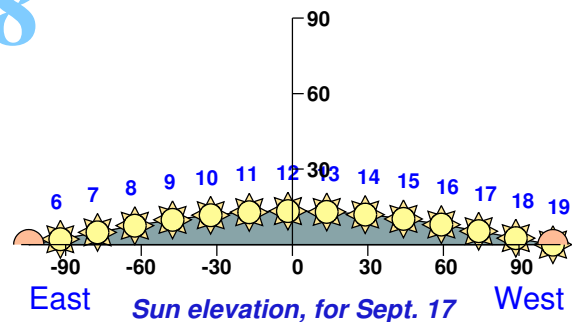
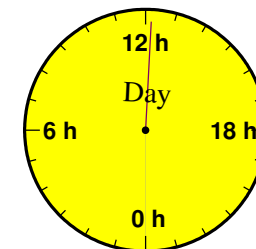
267 - 98 05:56 - 18:09				103 - 262 02:05 - 22:35		
268 - 97 06:04 - 18:00				104 - 261 01:48 - 22:56		
269 - 96 06:12 - 17:52				105 - 260 00:59 - 23:24		
270 - 95 06:19 - 17:44						
8	8	8	8	8	8	8
9	9	9	9	9	9	9
10	10	10	10	10	10	10
11	11	11	11	11	11	11
12	12	12	12	12	12	12
13	13	13	13	13	13	13
14	14	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
12:13 -15 m. 11°	11:57 -16 m. 10°	11:41 -15 m. 10°	11:25 -15 m. 9°	20:30 +32 m. 20°	21:08 +38 m. 21°	22:25 +77 m. 21°

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

Week **16****September 2018**
Ny-Alesund
 11.92°E, 78.92°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 Ny-Alesund (TL ± 1 mn)

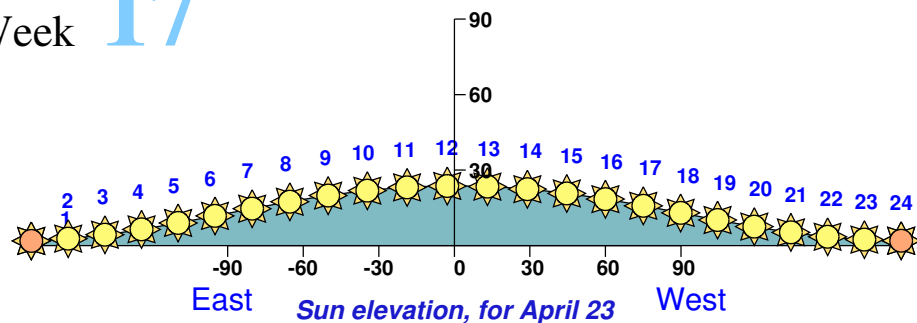
106 - 259 Day at anytime				264 - 101 05:33 - 18:34		
8	8	8	8	8	8	8
9	9	9	9	9	9	9
10	10	10	10	10	10	10
11	11	11	11	11	11	11
12	12	12	12	12	12	12
13	13	13	13	13	13	13
14	14	14	14	14	14	14
15	15	15	15	15	15	15
16	16	16	16	16	16	16
17	17	17	17	17	17	17
18	18	18	18	18	18	18
19	19	19	19	19	19	19
20	20	20	20	20	20	20
24:00	24:00	24:00	24:00	13:00	12:44	12:29
+95 m.	+0 m.	+0 m.	+0 m.	-15 m.	-15 m.	-15 m.
21°	22°	22°	22°	12°	11°	11°

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

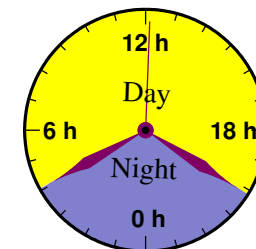
Week **38****April 2018**
Ny-Alesund
 11.92°E, 78.92°N
*Duration of the day, for April 16*
Monday 17 **Tuesday 18** **Wednesday 19** **Thursday 20**
Friday 20 **Saturday 21** **Sunday 22**
Sunrise and Sunset at Ny-Alesund (TL ± 1 mn)

260 - 105 05:02 - 19:07				110 - 255 Day at anytime		
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
14:05 -16 m. 13°	13:49 -15 m. 13°	13:33 -16 m. 13°	13:16 -16 m. 12°	24:00 +0 m. 23°	24:00 +0 m. 23°	24:00 +0 m. 23°

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

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

Ny-Alesund
11.92°E, 78.92°N



Duration of the day, for Sept. 10

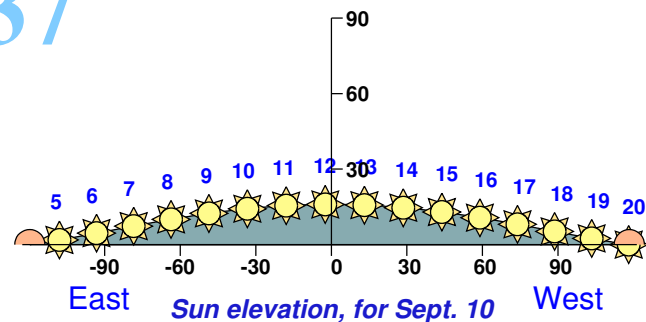
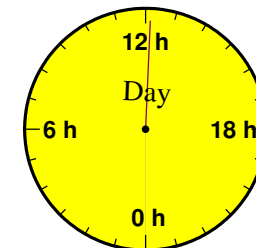
Monday 23 **Tuesday 24** **Wednesday 25** **Thursday 26**

Friday 14 **Saturday 15** **Sunday 16**

Sunrise and Sunset at Ny-Alesund (TL ± 1 mn)

113 - 252 Day at anytime			114 - 251 Day at anytime			115 - 250 Day at anytime			116 - 249 Day at anytime			257 - 108 04:38 - 19:33			258 - 107 04:46 - 19:24			259 - 106 04:54 - 19:16		
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		
24:00	+0 m.	24°	24:00	+0 m.	24°	24:00	+0 m.	24°	24:00	+0 m.	25°	14:55	-16 m.	14°	14:38	-16 m.	14°	14:22	-15 m.	14°

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

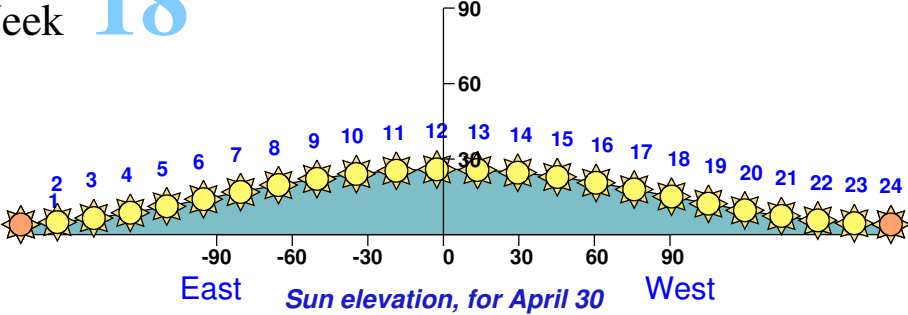
Week **37****April 2018**
Ny-Alesund
 11.92°E, 78.92°N
*Duration of the day, for April 23*
Monday 10 **Tuesday 11** **Wednesday 12** **Thursday 13**
Friday 27 **Saturday 28** **Sunday 29**
Sunrise and Sunset at Ny-Alesund (TL ± 1 mn)

253 - 112 04:04 - 20:09				117 - 248 Day at anytime		
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
16:05 -17 m. 16°	15:47 -17 m. 16°	15:30 -17 m. 15°	15:12 -17 m. 15°	24:00 +0 m. 25°	24:00 +0 m. 25°	24:00 +0 m. 26°

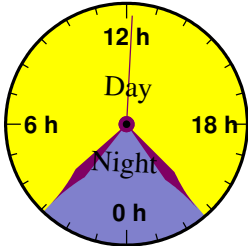
Duration of the day - Variation - Sun maximal elevation (°)

Week 18

September 2018



Ny-Alesund
11.92°E, 78.92°N



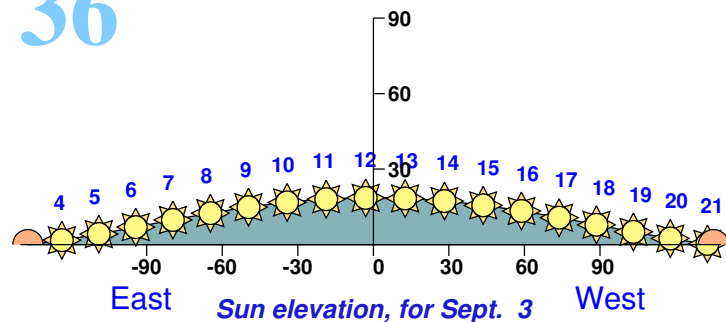
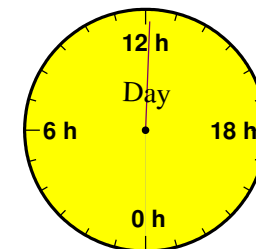
Duration of the day, for Sept. 3

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

Sunrise and Sunset at Ny-Alesund (TL ± 1 mn)

120 - 245 Day at anytime				250 - 115 03:36 - 20:38		
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
24:00 +0 m. 26°	24:00 +0 m. 26°	24:00 +0 m. 27°	24:00 +0 m. 27°	17:02 -19 m. 17°	16:42 -19 m. 17°	16:24 -18 m. 16°

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

Week **36****April - May 2018**
Ny-Alesund
 11.92°E, 78.92°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 Ny-Alesund (TL ± 1 mn)***246 - 119**

02:54 - 21:20

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

18:26 -23 m. 19°

247 - 118

03:06 - 21:09

8
9
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14
15
16
17
18
19
20

18:04 -21 m. 18°

248 - 117

03:16 - 20:58

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

17:42 -21 m. 18°

249 - 116

03:26 - 20:48

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

17:22 -20 m. 17°

124 - 241

Day at anytime

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

24:00 +0 m. 27°

125 - 240

Day at anytime

8
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13
14
15
16
17
18
19
20

24:00 +0 m. 27°

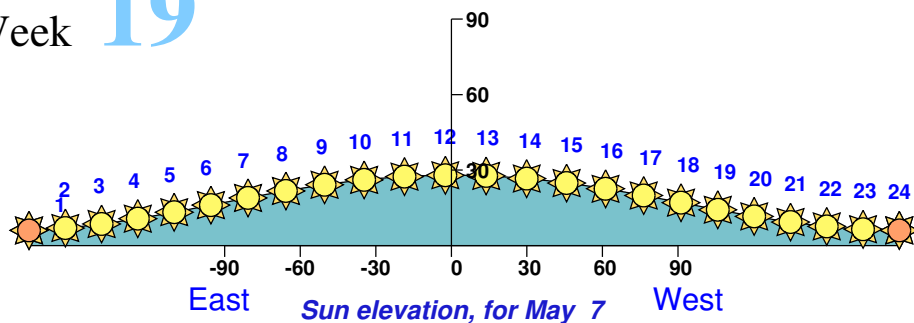
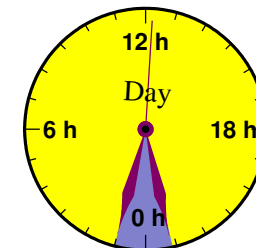
126 - 239

Day at anytime

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

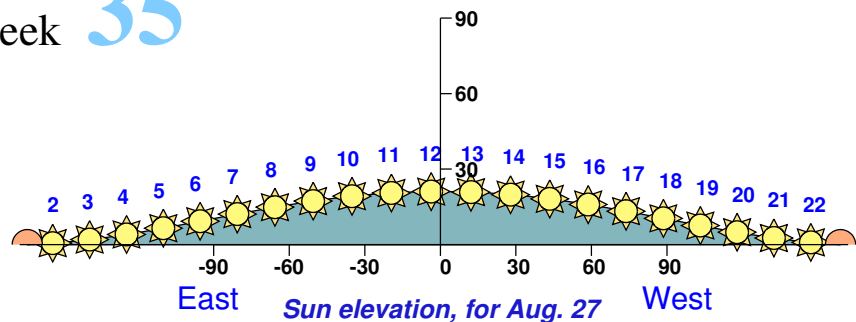
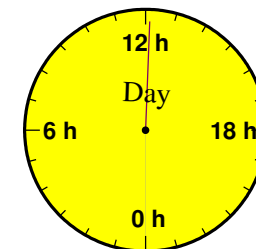
24:00 +0 m. 28°

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

Week **19****Aug. - Sept. 2018**
Ny-Alesund
 11.92°E, 78.92°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 Ny-Alesund (TL ± 1 mn)*

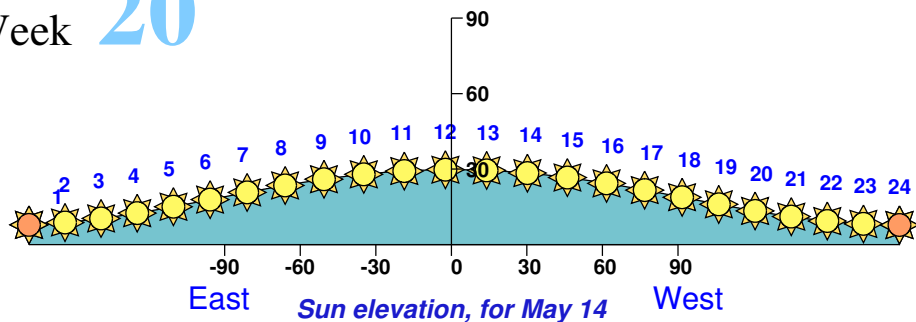
127 - 238 Day at anytime	128 - 237 Day at anytime	129 - 236 Day at anytime	130 - 235 Day at anytime	243 - 122 02:16 - 21:58	244 - 121 02:30 - 21:45	245 - 120 02:43 - 21:32
8	8	8	8	8	8	8
9	9	9	9	9	9	9
10	10	10	10	10	10	10
11	11	11	11	11	11	11
12	12	12	12	12	12	12
13	13	13	13	13	13	13
14	14	14	14	14	14	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
24:00 +0 m. 28°	24:00 +0 m. 28°	24:00 +0 m. 29°	24:00 +0 m. 29°	19:42 -29 m. 20°	19:15 -26 m. 19°	18:50 -24 m. 19°

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

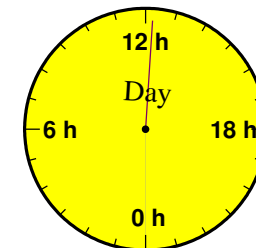
Week **35****May 2018**
Ny-Alesund
 11.92°E, 78.92°N
*Duration of the day, for May 7*
Monday 27 **Tuesday 28** **Wednesday 29** **Thursday 30**
Friday 11 **Saturday 12** **Sunday 13**
Sunrise and Sunset at Ny-Alesund (TL ± 1 mn)

239 - 126 01:00 - 23:10				131 - 234 Day at anytime		
240 - 125 01:20 - 22:47				132 - 233 Day at anytime		
241 - 124 01:43 - 22:28				133 - 232 Day at anytime		
242 - 123 02:01 - 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
22:10 -52 m. 21°	21:27 -42 m. 21°	20:46 -40 m. 20°	20:12 -33 m. 20°	24:00 +0 m. 29°	24:00 +0 m. 29°	24:00 +0 m. 30°

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

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

Ny-Alesund
11.92°E, 78.92°N



Duration of the day, for Aug. 20

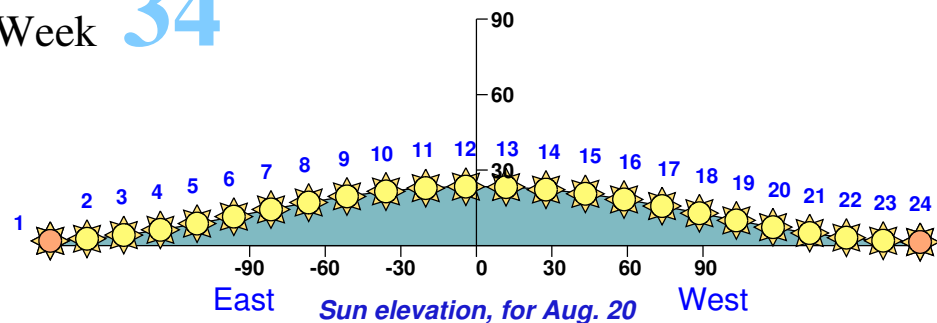
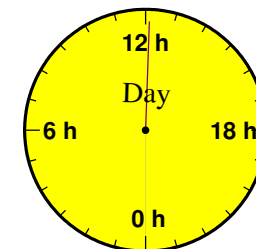
Monday 14 **Tuesday 15** **Wednesday 16** **Thursday 17**

Friday 24 **Saturday 25** **Sunday 26**

Sunrise and Sunset at Ny-Alesund (TL ± 1 mn)

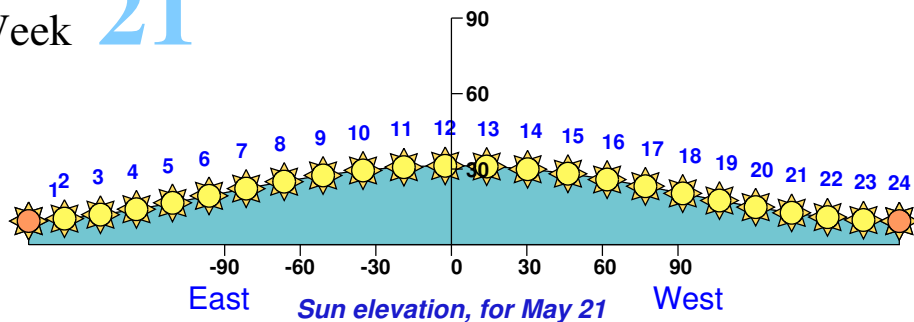
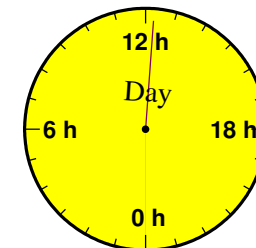
134 - 231 Day at anytime				236 - 129 Day at anytime		
135 - 230 Day at anytime				237 - 128 Day at anytime		
136 - 229 Day at anytime				238 - 127 00:44 - 23:47		
8	8	8	8	8	8	8
9	9	9	9	9	9	9
10	10	10	10	10	10	10
11	11	11	11	11	11	11
12	12	12	12	12	12	12
13	13	13	13	13	13	13
14	14	14	14	14	14	14
15	15	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
24:00	+0 m.	30°	24:00	+0 m.	22°	23:03
24:00	+0 m.	30°	24:00	+0 m.	22°	23:03
24:00	+0 m.	30°	24:00	+0 m.	22°	23:03
24:00	+0 m.	30°	24:00	+0 m.	22°	23:03

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

Week **34****May 2018**
Ny-Alesund
 11.92°E, 78.92°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 Ny-Alesund (TL ± 1 mn)

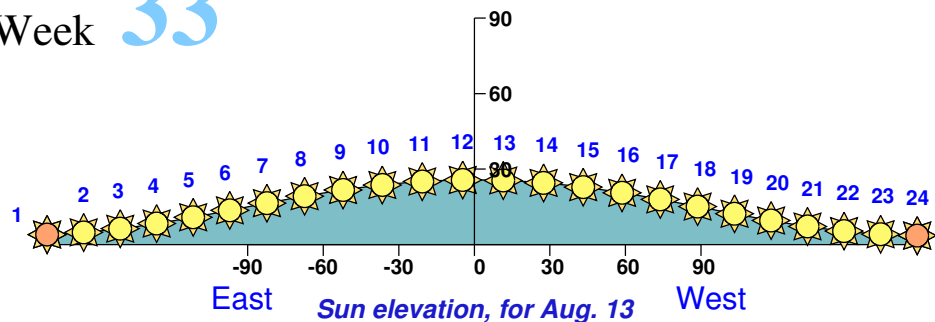
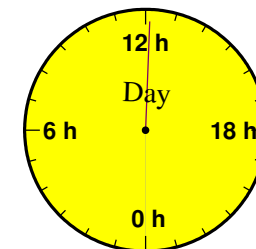
232 - 133			233 - 132			234 - 131			235 - 130			138 - 227			139 - 226			140 - 225		
Day at anytime			Day at anytime			Day at anytime			Day at anytime			Day at anytime			Day at anytime			Day at anytime		
8			8			8			8			8			8			8		
9			9			9			9			9			9			9		
10			10			10			10			10			10			10		
11			11			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		
24:00	+0 m.	23°	24:00	+0 m.	23°	24:00	+0 m.	23°	24:00	+0 m.	22°	24:00	+0 m.	31°	24:00	+0 m.	31°	24:00	+0 m.	31°

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

Week **21****August 2018**
Ny-Alesund
 11.92°E, 78.92°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 Ny-Alesund (TL ± 1 mn)

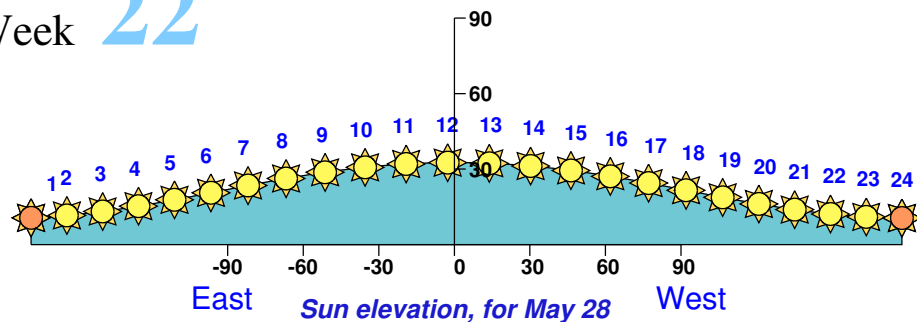
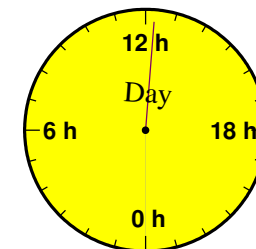
141 - 224			142 - 223			143 - 222			144 - 221			229 - 136			230 - 135			231 - 134		
Day at anytime			Day at anytime			Day at anytime			Day at anytime			Day at anytime			Day at anytime			Day at anytime		
8			8			8			8			8			8			8		
9			9			9			9			9			9			9		
10			10			10			10			10			10			10		
11			11			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		
24:00	+0 m.	31°	24:00	+0 m.	32°	24:00	+0 m.	32°	24:00	+0 m.	32°	24:00	+0 m.	24°	24:00	+0 m.	24°	24:00	+0 m.	24°

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

Week **33****May 2018**
Ny-Alesund
 11.92°E, 78.92°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 Ny-Alesund (TL ± 1 mn)

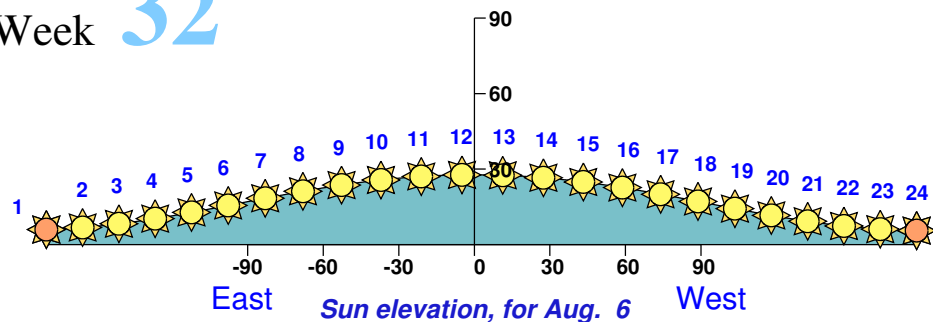
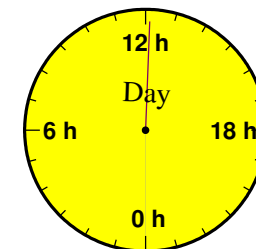
225 - 140			226 - 139			227 - 138			228 - 137			145 - 220			146 - 219			147 - 218		
Day at anytime			Day at anytime			Day at anytime			Day at anytime			Day at anytime			Day at anytime			Day at anytime		
8			8			8			8			8			8			8		
9			9			9			9			9			9			9		
10			10			10			10			10			10			10		
11			11			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		
24:00	+0 m.	26°	24:00	+0 m.	25°	24:00	+0 m.	25°	24:00	+0 m.	25°	24:00	+0 m.	32°	24:00	+0 m.	32°	24:00	+0 m.	32°

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

Week **22****August 2018**
Ny-Alesund
 11.92°E, 78.92°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 Ny-Alesund (TL ± 1 mn)

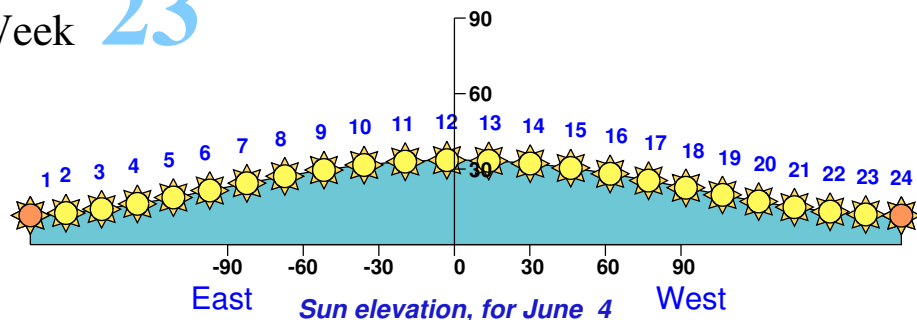
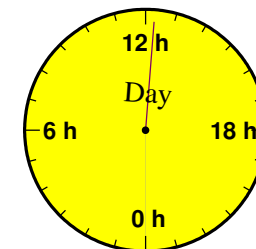
148 - 217			149 - 216			150 - 215			151 - 214			222 - 143			223 - 142			224 - 141		
Day at anytime			Day at anytime			Day at anytime			Day at anytime			Day at anytime			Day at anytime			Day at anytime		
8			8			8			8			8			8			8		
9			9			9			9			9			9			9		
10			10			10			10			10			10			10		
11			11			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		
24:00	+0 m.	33°	24:00	+0 m.	33°	24:00	+0 m.	33°	24:00	+0 m.	33°	24:00	+0 m.	27°	24:00	+0 m.	26°	24:00	+0 m.	26°

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

Week **32****May - June 2018**
Ny-Alesund
 11.92°E, 78.92°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 Ny-Alesund (TL ± 1 mn)*

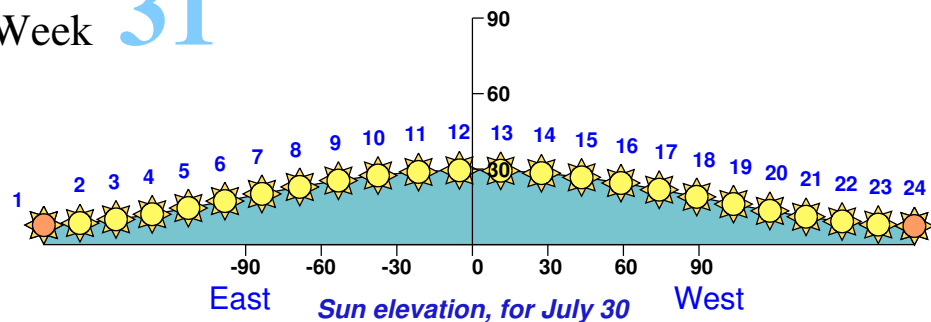
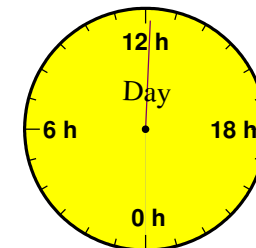
218 - 147			219 - 146			220 - 145			221 - 144			152 - 213			153 - 212			154 - 211		
Day at anytime			Day at anytime			Day at anytime			Day at anytime			Day at anytime			Day at anytime			Day at anytime		
8			8			8			8			8			8			8		
9			9			9			9			9			9			9		
10			10			10			10			10			10			10		
11			11			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		
24:00	+0 m.	28°	24:00	+0 m.	27°	24:00	+0 m.	27°	24:00	+0 m.	27°	24:00	+0 m.	33°	24:00	+0 m.	33°	24:00	+0 m.	33°

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

Week **23****July - Aug. 2018**
Ny-Alesund
 11.92°E, 78.92°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 Ny-Alesund (TL ± 1 mn)*

155 - 210 Day at anytime				215 - 150 Day at anytime		
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
24:00 +0 m. 34°	24:00 +0 m. 34°	24:00 +0 m. 34°	24:00 +0 m. 34°	24:00 +0 m. 29°	24:00 +0 m. 28°	24:00 +0 m. 28°

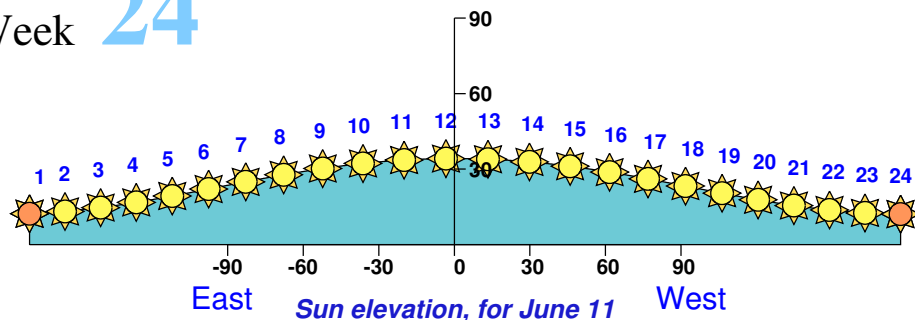
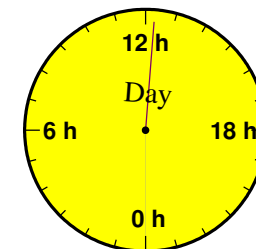
Duration of the day - Variation - Sun maximal elevation (°)

Week **31****June 2018**
Ny-Alesund
 11.92°E, 78.92°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 Ny-Alesund (TL ± 1 mn)*

211 - 154 Day at anytime			212 - 153 Day at anytime			213 - 152 Day at anytime			214 - 151 Day at anytime		
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		
24:00	+0 m.	30°	24:00	+0 m.	29°	24:00	+0 m.	29°	24:00	+0 m.	29°

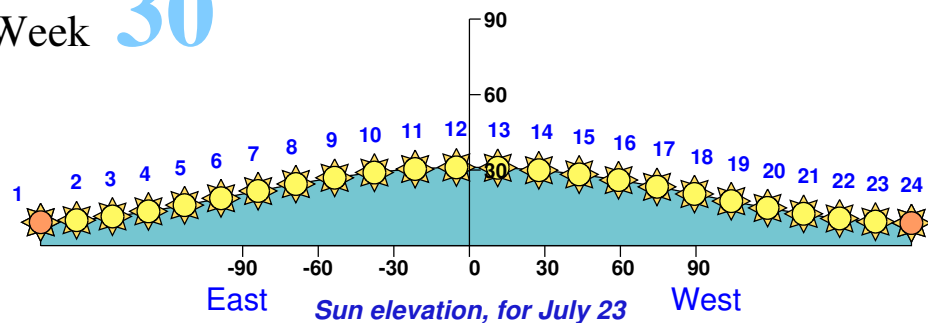
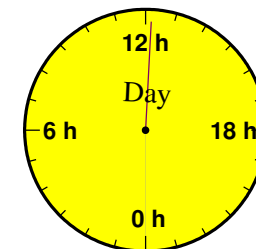
159 - 206 Day at anytime			160 - 205 Day at anytime			161 - 204 Day at anytime		
8			8			8		
9			9			9		
10			10			10		
11			11			11		
12			12			12		
13			13			13		
14			14			14		
15			15			15		
16			16			16		
17			17			17		
18			18			18		
19			19			19		
20			20			20		
24:00	+0 m.	34°	24:00	+0 m.	34°	24:00	+0 m.	34°

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

Week **24****July 2018**
Ny-Alesund
 11.92°E, 78.92°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 Ny-Alesund (TL ± 1 mn)

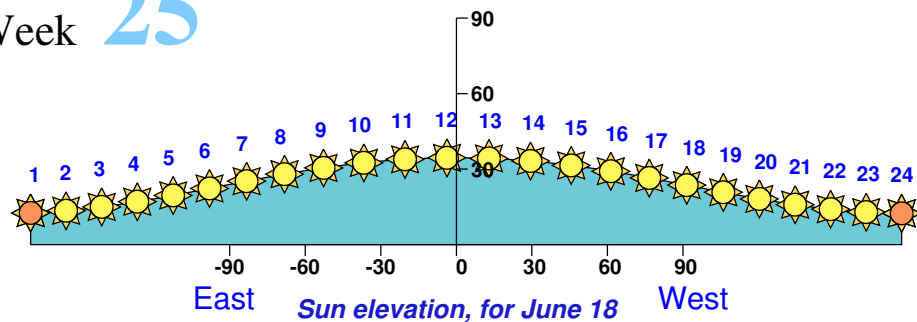
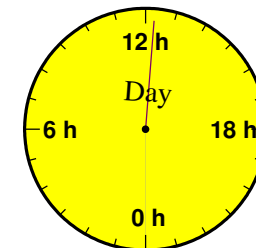
162 - 203 Day at anytime				208 - 157 Day at anytime		
8	8	8	8	8	8	8
9	9	9	9	9	9	9
10	10	10	10	10	10	10
11	11	11	11	11	11	11
12	12	12	12	12	12	12
13	13	13	13	13	13	13
14	14	14	14	14	14	14
15	15	15	15	15	15	15
16	16	16	16	16	16	16
17	17	17	17	17	17	17
18	18	18	18	18	18	18
19	19	19	19	19	19	19
20	20	20	20	20	20	20
24:00	24:00	24:00	24:00	24:00	24:00	24:00
+0 m.	+0 m.	+0 m.	+0 m.	+0 m.	+0 m.	+0 m.
34°	34°	34°	34°	30°	30°	30°

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

Week **30****June 2018**
Ny-Alesund
 11.92°E, 78.92°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 Ny-Alesund (TL ± 1 mn)

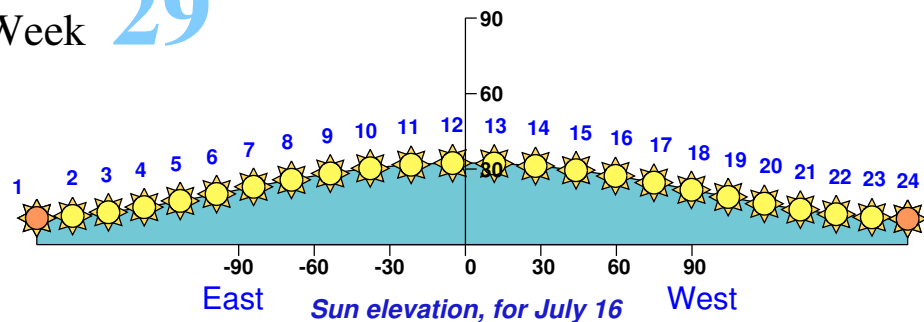
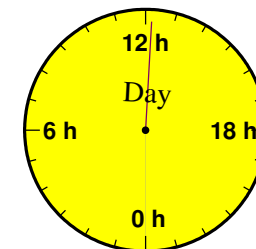
204 - 161			205 - 160			206 - 159			207 - 158			166 - 199			167 - 198			168 - 197		
Day at anytime			Day at anytime			Day at anytime			Day at anytime			Day at anytime			Day at anytime			Day at anytime		
8			8			8			8			8			8			8		
9			9			9			9			9			9			9		
10			10			10			10			10			10			10		
11			11			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		
24:00	+0 m.	31°	24:00	+0 m.	31°	24:00	+0 m.	31°	24:00	+0 m.	30°	24:00	+0 m.	34°	24:00	+0 m.	34°	24:00	+0 m.	34°

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

Week **25****July 2018**
Ny-Alesund
 11.92°E, 78.92°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 Ny-Alesund (TL ± 1 mn)

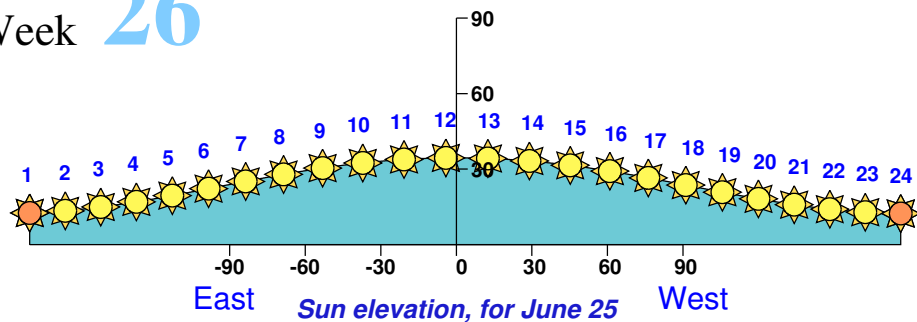
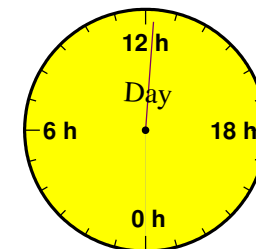
169 - 196			170 - 195			171 - 194			172 - 193			201 - 164			202 - 163			203 - 162		
Day at anytime			Day at anytime			Day at anytime			Day at anytime			Day at anytime			Day at anytime			Day at anytime		
8			8			8			8			8			8			8		
9			9			9			9			9			9			9		
10			10			10			10			10			10			10		
11			11			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		
24:00	+0 m.	35°	24:00	+0 m.	35°	24:00	+0 m.	35°	24:00	+0 m.	35°	24:00	+0 m.	32°	24:00	+0 m.	32°	24:00	+0 m.	31°

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

Week **29****June 2018**
Ny-Alesund
 11.92°E, 78.92°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 Ny-Alesund (TL ± 1 mn)

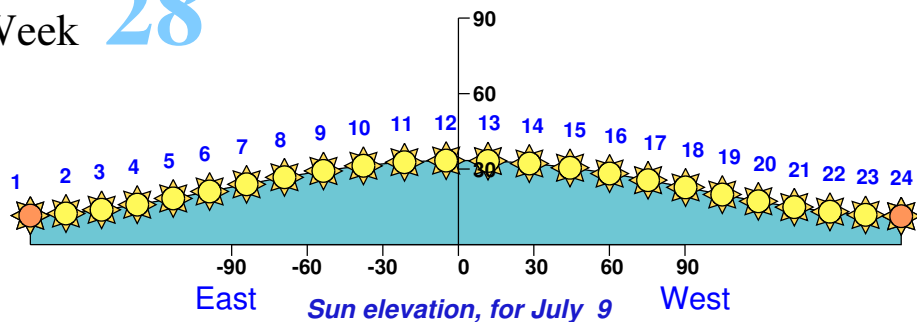
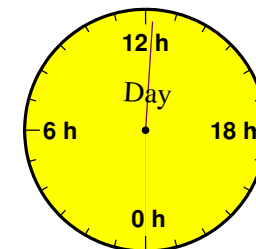
197 - 168 Day at anytime				173 - 192 Day at anytime		
8	8	8	8	8	8	8
9	9	9	9	9	9	9
10	10	10	10	10	10	10
11	11	11	11	11	11	11
12	12	12	12	12	12	12
13	13	13	13	13	13	13
14	14	14	14	14	14	14
15	15	15	15	15	15	15
16	16	16	16	16	16	16
17	17	17	17	17	17	17
18	18	18	18	18	18	18
19	19	19	19	19	19	19
20	20	20	20	20	20	20
24:00	24:00	24:00	24:00	24:00	24:00	24:00
+0 m.	+0 m.	+0 m.	+0 m.	+0 m.	+0 m.	+0 m.
32°	32°	32°	32°	35°	35°	35°

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

Week **26****July 2018**
Ny-Alesund
 11.92°E, 78.92°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 Ny-Alesund (TL ± 1 mn)

176 - 189 Day at anytime				194 - 171 Day at anytime		
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
24:00	24:00	24:00	24:00	24:00	24:00	24:00
+0 m.	+0 m.	+0 m.	+0 m.	+0 m.	+0 m.	+0 m.
34°	34°	34°	34°	33°	33°	33°

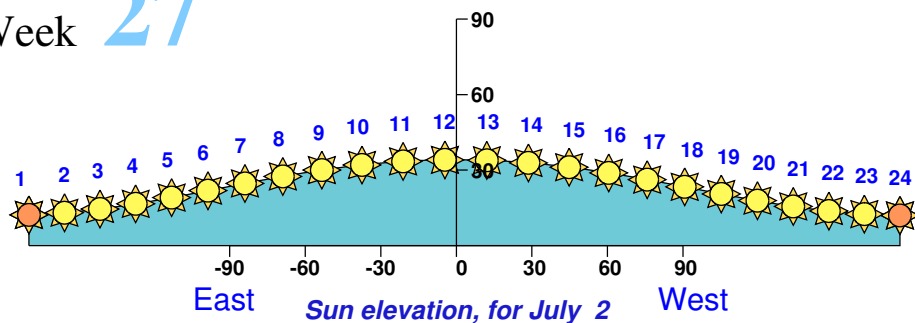
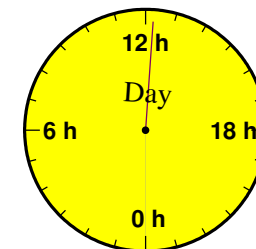
Duration of the day - Variation - Sun maximal elevation (°)

Week **28****June - July 2018**
Ny-Alesund
 11.92°E, 78.92°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 Ny-Alesund (TL ± 1 mn)

190 - 175 Day at anytime			191 - 174 Day at anytime			192 - 173 Day at anytime			193 - 172 Day at anytime		
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		
24:00	+0 m.	33°	24:00	+0 m.	33°	24:00	+0 m.	33°	24:00	+0 m.	33°

180 - 185 Day at anytime			181 - 184 Day at anytime			182 - 183 Day at anytime		
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		
24:00	+0 m.	34°	24:00	+0 m.	34°	24:00	+0 m.	34°

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

Week **27****July 2018**
Ny-Alesund
 11.92°E, 78.92°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 Ny-Alesund (TL ± 1 mn)*

183 - 182			184 - 181			185 - 180			186 - 179			187 - 178			188 - 177			189 - 176		
Day at anytime			Day at anytime			Day at anytime			Day at anytime			Day at anytime			Day at anytime			Day at anytime		
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		
24:00	+0 m.	34°	24:00	+0 m.	34°	24:00	+0 m.	34°	24:00	+0 m.	34°	24:00	+0 m.	34°	24:00	+0 m.	34°	24:00	+0 m.	34°

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