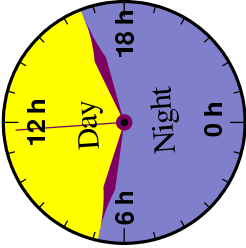
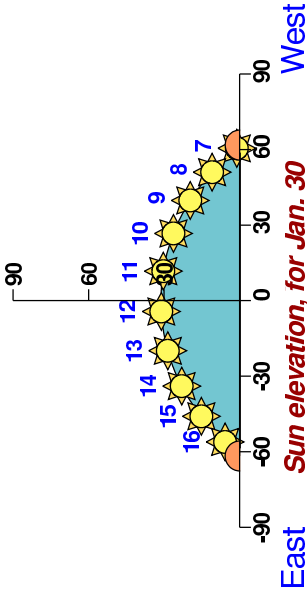


Sun Diary 2014

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Week **1**

Dec. - Jan. 2015



Tokyo
139.58°E, 35.61°N

Duration of the day, for Dec. 29

Monday 30

Tuesday 31

Wednesday 1

Thursday 2

Friday 2

Saturday 3

Sunday 4

Sunrise and Sunset at Tokyo (TL ± 1 mn)

363 - 2

06:51 - 16:38

363 - 2

06:51 - 16:38

363 - 2

06:52 - 16:39

363 - 2

06:52 - 16:40

362 - 3

06:52 - 16:40

362 - 3

06:52 - 16:41

362 - 3

06:52 - 16:41

9:46

+0 m.

31°

9:47

+1 m.

31°

9:47

+1 m.

31°

9:48

+2 m.

31°

9:48

+3 m.

31°

9:48

+3 m.

32°

9:49

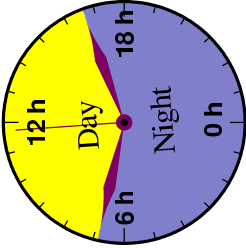
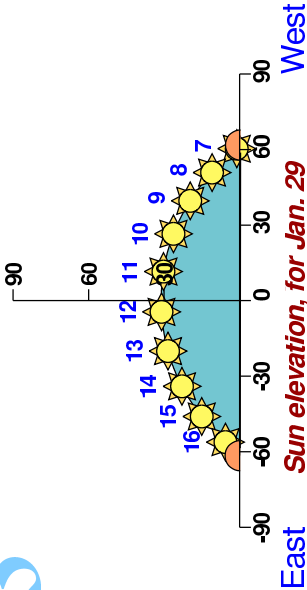
+4 m.

32°

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

Week 53

Dec. - Jan. 2014



Tokyo
139.58°E, 35.61°N

Duration of the day, for Dec. 30

Monday 29

Tuesday 30

Wednesday 31

Thursday 1

Friday 3

Saturday 4

Sunday 5

Sunrise and Sunset at Tokyo (TL ± 1 mn)

362 - 3

06:51 - 16:37

362 - 3

06:51 - 16:38

362 - 3

06:51 - 16:38

362 - 3

06:52 - 16:39

363 - 2

06:52 - 16:41

363 - 2

06:52 - 16:42

363 - 2

06:52 - 16:42

9:46

+1 m.

31°

9:46

+1 m.

31°

9:47

+2 m.

31°

9:47

+2 m.

31°

9:49

+3 m.

32°

9:49

+3 m.

32°

9:50

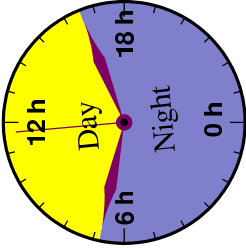
+4 m.

32°

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

Week 2

December 2014



Tokyo
139.58°E, 35.61°N

East Sun elevation, for Jan. 6 West

Duration of the day, for Dec. 22

Monday 6

Tuesday 7

Wednesday 8

Thursday 9

Friday 26

Saturday 27

Sunday 28

Sunrise and Sunset at Tokyo (TL ± 1 mn)

5 - 360

06:52 - 16:43

5 - 360

06:52 - 16:44

5 - 360

06:52 - 16:45

5 - 360

06:52 - 16:46

355 - 10

06:50 - 16:35

355 - 10

06:50 - 16:36

355 - 10

06:51 - 16:36

9:51

+1 m.

32°

9:52

+2 m.

32°

9:53

+3 m.

32°

9:54

+4 m.

32°

9:45

+1 m.

31°

9:45

+1 m.

31°

9:45

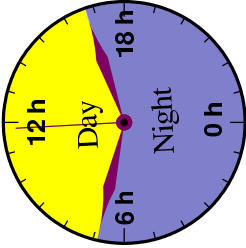
+1 m.

31°

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

Week 52

January 2014



Tokyo
139.58°E, 35.61°N

East Sun elevation, for Dec. 22 West

Duration of the day, for Jan. 6

Monday 22

Tuesday 23

Wednesday 24

Thursday 25

Friday 10

Saturday 11

Sunday 12

Sunrise and Sunset at Tokyo (TL ± 1 mn)

355 - 10
06:48 - 16:33

355 - 10
06:49 - 16:33

355 - 10
06:49 - 16:34

355 - 10
06:50 - 16:34

5 - 360
06:52 - 16:47

5 - 360
06:52 - 16:48

5 - 360
06:51 - 16:49

9:44

+0 m.

31°

9:44

+0 m.

31°

9:44

+0 m.

31°

9:44

+0 m.

31°

9:55

+5 m.

32°

9:56

+6 m.

33°

9:57

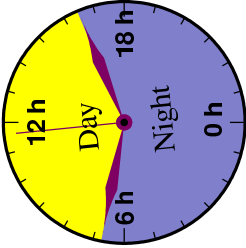
+7 m.

33°

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

Week 3

December 2014



Tokyo
139.58°E, 35.61°N

East Sun elevation, for Jan. 13 West

Duration of the day, for Dec. 13

Monday 13

Tuesday 14

Wednesday 15

Thursday 16

Friday 19

Saturday 20

Sunday 21

Sunrise and Sunset at Tokyo (TL ± 1 mn)

12 - 353
06:51 - 16:50

9:58

+1 m.

33°

9:59

+2 m.

33°

10:01

+4 m.

33°

10:02

+5 m.

33°

12 - 353
06:51 - 16:51

12 - 353
06:51 - 16:52

12 - 353
06:50 - 16:53

348 - 17
06:47 - 16:31

348 - 17
06:47 - 16:32

348 - 17
06:48 - 16:32

9:58

+1 m.

33°

9:59

+2 m.

33°

10:01

+4 m.

33°

10:02

+5 m.

33°

9:44

-2 m.

31°

9:44

-2 m.

31°

9:44

-2 m.

31°

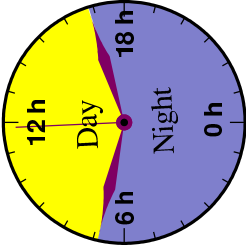
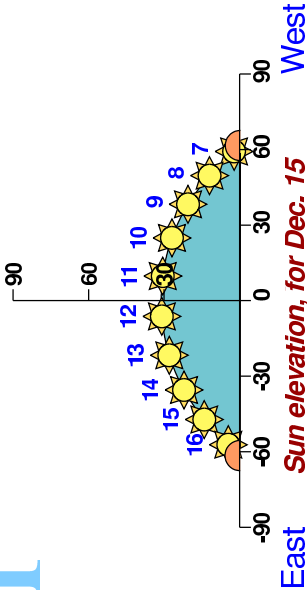
9:44

31°

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

Week 51

January 2014



Tokyo
139.58°E, 35.61°N

Duration of the day, for Jan. 13

Monday 15

Tuesday 16

Wednesday 17

Thursday 18

Friday 17

Saturday 18

Sunday 19

Sunrise and Sunset at Tokyo (TL ± 1 mn)

348 - 17
06:44 - 16:30

348 - 17
06:45 - 16:30

348 - 17
06:46 - 16:30

348 - 17
06:46 - 16:31

12 - 353
06:50 - 16:53

12 - 353
06:50 - 16:54

12 - 353
06:49 - 16:55

-1 m.

31 °

9:45

-1 m.

31 °

9:44

-2 m.

31 °

9:44

-2 m.

31 °

10:03

+6 m.

34 °

10:05

+8 m.

34 °

10:06

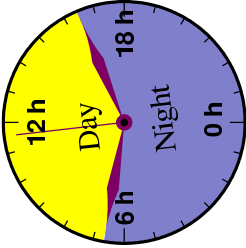
+9 m.

34 °

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

Week 4

December 2014



Tokyo
139.58°E, 35.61°N

East Sun elevation, for Jan. 20 West

Duration of the day, for Dec. 8

Monday 20

Tuesday 21

Wednesday 22

Thursday 23

Friday 12

Saturday 13

Sunday 14

Sunrise and Sunset at Tokyo (TL ± 1 mn)

19 - 346
06:49 - 16:57

19 - 346
06:48 - 16:58

19 - 346
06:48 - 16:59

19 - 346
06:47 - 17:00

341 - 24
06:42 - 16:29

341 - 24
06:43 - 16:29

341 - 24
06:44 - 16:30

10:08

+2 m.

34°

10:09

+3 m.

34°

10:11

+5 m.

35°

10:12

+6 m.

35°

9:46

-4 m.

31°

9:46

-4 m.

31°

9:46

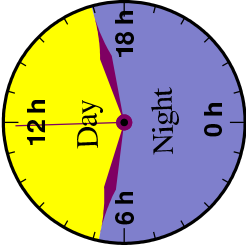
-4 m.

31°

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

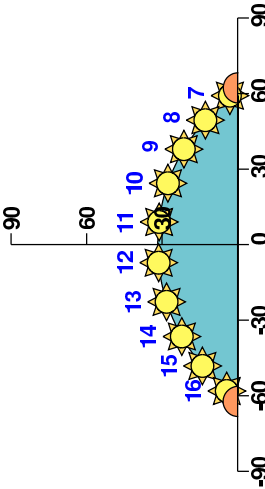
Week 50

January 2014



Tokyo
139.58°E, 35.61°N

East Sun elevation, for Dec. 8 West



Duration of the day, for Jan. 20

Monday 8

Tuesday 9

Wednesday 10

Thursday 11

Friday 24

Saturday 25

Sunday 26

Sunrise and Sunset at Tokyo (TL ± 1 mn)

341 - 24
06:39 - 16:28

341 - 24
06:40 - 16:29

341 - 24
06:41 - 16:29

341 - 24
06:42 - 16:29

19 - 346
06:47 - 17:01

19 - 346
06:46 - 17:02

19 - 346
06:46 - 17:03

9:49

-1 m.

32°

9:48

-2 m.

32°

9:48

-2 m.

32°

9:47

-3 m.

31°

10:14

+8 m.

35°

10:15

+9 m.

35°

10:17

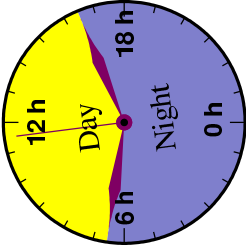
+11 m.

36°

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

Week **5**

December 2014



Tokyo
139.58°E, 35.61°N

East **Sun elevation, for Feb. 27**

Duration of the day, for Dec. 1

Monday **27**

Tuesday **28**

Wednesday **29**

Thursday **30**

Friday **5**

Saturday **6**

Sunday **7**

Sunrise and Sunset at Tokyo (TL ± 1 mn)

26 - 339
06:45 - 17:04

26 - 339
06:44 - 17:05

26 - 339
06:44 - 17:06

26 - 339
06:43 - 17:07

334 - 31
06:37 - 16:28

334 - 31
06:38 - 16:28

334 - 31
06:38 - 16:28

10:19

+2 m.

36°

10:20

+3 m.

36°

10:22

+5 m.

36°

10:24

+7 m.

37°

9:51

-5 m.

32°

9:50

-6 m.

32°

9:50

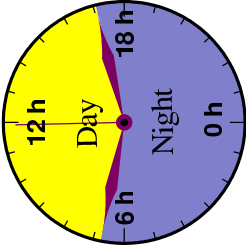
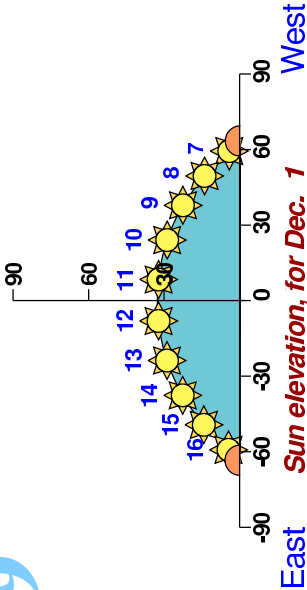
-6 m.

32°

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

Week 49

Jan. - Feb. 2014



Tokyo
139.58°E, 35.61°N

Duration of the day, for Jan. 27

Monday 1

Tuesday 2

Wednesday 3

Thursday 4

Friday 31

Saturday 1

Sunday 2

Sunrise and Sunset at Tokyo (TL ± 1 mn)

334 - 31

06:33 - 16:29

334 - 31

06:34 - 16:29

334 - 31

06:35 - 16:29

334 - 31

06:36 - 16:28

26 - 339

06:42 - 17:08

26 - 339

06:41 - 17:09

26 - 339

06:41 - 17:10

-1 m.

9:55

33°

9:54

-2 m.

32°

9:53

-3 m.

32°

9:52

-4 m.

32°

10:26

+9 m.

37°

10:28

+11 m.

37°

10:29

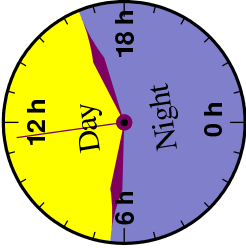
+12 m.

38°

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

Week 6

November 2014



Tokyo
139.58°E, 35.61°N

East Sun elevation, for Feb. 3 West

Duration of the day, for Nov. 24

Monday 3

Tuesday 4

Wednesday 5

Thursday 6

Friday 28

Saturday 29

Sunday 30

Sunrise and Sunset at Tokyo (TL ± 1 mn)

33 - 332
06:40 - 17:11

33 - 332
06:39 - 17:12

33 - 332
06:38 - 17:13

33 - 332
06:37 - 17:14

327 - 38
06:31 - 16:29

327 - 38
06:31 - 16:29

327 - 38
06:32 - 16:29

10:31

+2 m.

38°

10:33

+4 m.

38°

10:35

+6 m.

38°

10:37

+8 m.

39°

9:58

-7 m.

33°

9:57

-8 m.

33°

9:56

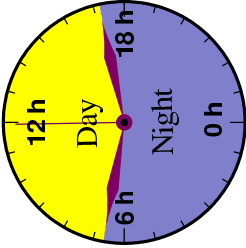
-9 m.

33°

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

Week
48

February 2014



Tokyo
139.58°E, 35.61°N

East Sun elevation, for Nov. 24 West

Duration of the day, for Feb. 3

Monday
24

Tuesday
25

Wednesday
26

Thursday
27

Friday
7

Saturday
8

Sunday
9

Sunrise and Sunset at Tokyo (TL ± 1 mn)

327 - 38
06:27 - 16:31

327 - 38
06:28 - 16:30

327 - 38
06:29 - 16:30

327 - 38
06:30 - 16:30

33 - 332
06:36 - 17:15

33 - 332
06:35 - 17:16

33 - 332
06:34 - 17:17

10:04

-1 m.

34°

10:03

-2 m.

34°

10:01

-4 m.

34°

10:00

-5 m.

33°

10:39

+10 m.

39°

10:41

+12 m.

39°

10:43

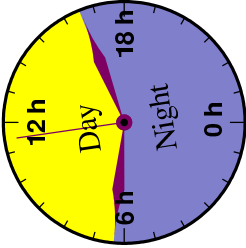
+14 m.

40°

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

Week 7

November 2014



Tokyo
139.58°E, 35.61°N

East Sun elevation, for Feb. 10 West

Duration of the day, for Nov. 17

Monday 10

Tuesday 11

Wednesday 12

Thursday 13

Friday 21

Saturday 22

Sunday 23

Sunrise and Sunset at Tokyo (TL ± 1 mn)

40 - 325
06:33 - 17:18

10:45

+2 m.

40°

10:47

+4 m.

40°

10:49

+6 m.

41°

10:51

+8 m.

41°

40 - 325
06:30 - 17:21

320 - 45
06:24 - 16:32

10:08

-8 m.

35°

10:07

-9 m.

34°

320 - 45
06:25 - 16:32

320 - 45
06:26 - 16:31

-11 m.

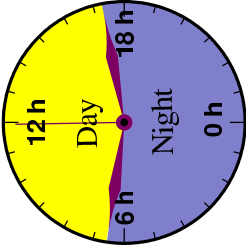
10:05

34°

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

Week 47

February 2014



Tokyo
139.58°E, 35.61°N

East Sun elevation, for Nov. 17 West

Duration of the day, for Feb. 10

Monday 17

Tuesday

18

Wednesday

19

Thursday

20

Friday

14

Saturday

15

Sunday

16

Sunrise and Sunset at Tokyo (TL ± 1 mn)

320 - 45
06:20 - 16:34

10:14

-2 m.

35°

10:13

-3 m.

35°

10:11

-5 m.

35°

10:10

-6 m.

35°

320 - 45
06:23 - 16:33

40 - 325
06:29 - 17:22

10:53

+10 m.

41°

10:55

+12 m.

42°

40 - 325
06:28 - 17:23

40 - 325
06:27 - 17:24

10:57

+14 m.

42°

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



Monday
17

Wednesday

20 Thursday

Friday 14

Saturday

Sunday 16

47 - 318
06:26 - 17:25

47-318
06:25 - 17:26

47 - 318
06:24 - 17:27

47 - 318
06:22 - 17:28

313 - 52
06:17 - 16:36

313 - 52
06:18 - 16:35

313 - 52
06:19 - 16:39

10:59	+2 m.	42
-------	-------	----

11:01 +4 m. 43°

11:04	+7 m.	43°
-------	-------	-----

11:06	+9 m.	43°
-------	-------	-----

10:19 -9 m. 36

10:18 -10 m. 36°

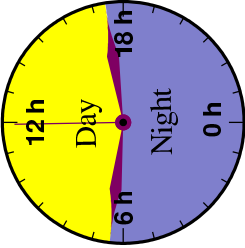
10:16

36°

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

Week 46

February 2014



Tokyo
139.58°E, 35.61°N

East Sun elevation, for Nov. 10 West

Duration of the day, for Feb. 17

Monday 10

Tuesday 11

Wednesday 12

Thursday 13

Friday 21

Saturday 22

Sunday 23

Sunrise and Sunset at Tokyo (TL ± 1 mn)

313 - 52

06:13 - 16:39

313 - 52

06:14 - 16:38

313 - 52

06:15 - 16:38

313 - 52

06:16 - 16:37

47 - 318

06:21 - 17:29

47 - 318

06:20 - 17:30

47 - 318

06:19 - 17:31

10:26

-2 m.

37°

10:24

-4 m.

37°

10:23

-5 m.

37°

10:21

-7 m.

37°

11:08

+11 m.

44°

11:10

+13 m.

44°

11:12

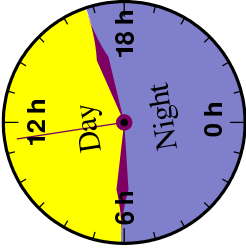
+15 m.

45°

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

Week **9**

November 2014



Tokyo
139.58°E, 35.61°N

East **Sun elevation, for March 24** West

Duration of the day, for Nov. 3

Monday 24

Tuesday 25

Wednesday 26

Thursday 27

Friday 7

Saturday 8

Sunday 9

Sunrise and Sunset at Tokyo (TL ± 1 mn)

54 - 311

06:18 - 17:32

54 - 311

06:16 - 17:33

54 - 311

06:15 - 17:34

54 - 311

06:14 - 17:35

306 - 59

06:10 - 16:42

306 - 59

06:11 - 16:41

306 - 59

06:12 - 16:40

11:14

+2 m.

45°

11:17

+5 m.

45°

11:19

+7 m.

46°

11:21

+9 m.

46°

10:32

-9 m.

38°

10:30

-11 m.

38°

10:28

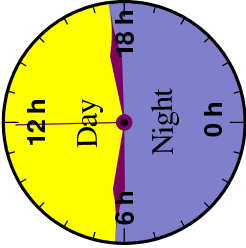
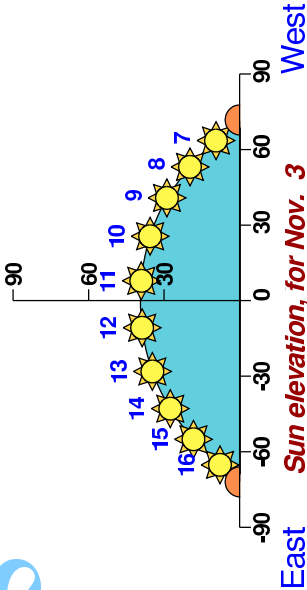
-13 m.

38°

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

Week 45

Feb. - March 2014



Tokyo
139.58°E, 35.61°N

Duration of the day, for Feb. 24

Monday 3

Tuesday 4

Wednesday 5

Thursday 6

Friday 28

Saturday 1

Sunday 2

Sunrise and Sunset at Tokyo (TL ± 1 mn)

306 - 59
06:06 - 16:45

306 - 59
06:07 - 16:44

306 - 59
06:08 - 16:43

306 - 59
06:09 - 16:42

54 - 311
06:13 - 17:36

54 - 311
06:11 - 17:37

54 - 311
06:10 - 17:37

10:39

-2 m.

39°

10:37

-4 m.

39°

10:35

-6 m.

39°

10:33

-8 m.

38°

11:23

+11 m.

46°

11:25

+13 m.

47°

11:28

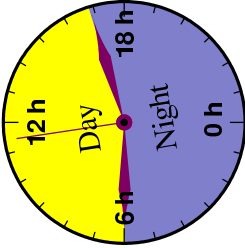
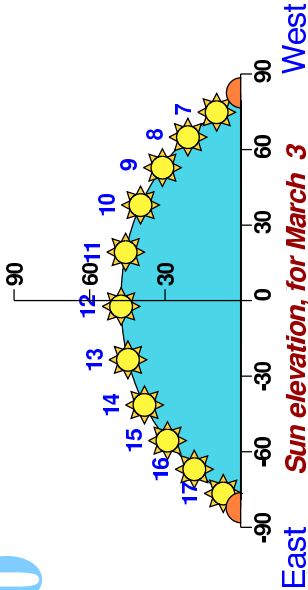
+16 m.

47°

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

Week 10

Oct. - Nov. 2014



Tokyo
139.58°E, 35.61°N

Duration of the day, for Oct. 27

Monday 3

Tuesday 4

Wednesday 5

Thursday 6

Friday 31

Saturday 1

Sunday 2

Sunrise and Sunset at Tokyo (TL ± 1 mn)

61 - 304
06:09 - 17:38

61 - 304
06:07 - 17:39

61 - 304
06:06 - 17:40

61 - 304
06:05 - 17:41

299 - 66
06:03 - 16:48

299 - 66
06:04 - 16:47

299 - 66
06:05 - 16:46

11:30 +2 m. 48°

11:32 +4 m. 48°

11:34 +6 m. 48°

11:37 +9 m. 49°

10:45 -10 m. 40°

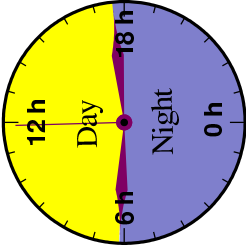
10:43 -12 m. 40°

10:41 -14 m. 40°

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

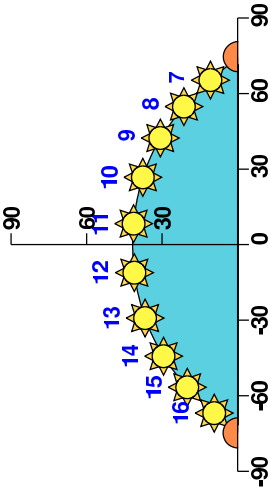
Week 44

March 2014



Tokyo
139.58°E, 35.61°N

East Sun elevation, for Nov. 27 West



Duration of the day, for March 8

Monday 27

Tuesday 28

Wednesday 29

Thursday 30

Friday 7

Saturday 8

Sunday 9

Sunrise and Sunset at Tokyo (TL ± 1 mn)

299 - 66
05:59 - 16:53

299 - 66
06:00 - 16:51

299 - 66
06:01 - 16:50

299 - 66
06:02 - 16:49

61 - 304
06:03 - 17:42

61 - 304
06:02 - 17:43

61 - 304
06:00 - 17:44

10:53

-2 m.

42 °

10:51

-4 m.

41 °

10:49

-6 m.

41 °

10:47

-8 m.

41 °

11:39

+11 m.

49 °

11:41

+13 m.

49 °

11:43

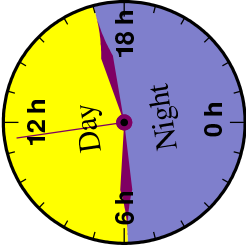
+15 m.

50 °

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

Week 11

October 2014



Tokyo
139.58°E, 35.61°N

East Sun elevation, for March 10 West

Duration of the day, for Oct. 20

Monday 10

Tuesday 11

Wednesday 12

Thursday 13

Friday 24

Saturday 25

Sunday 26

Sunrise and Sunset at Tokyo (TL ± 1 mn)

68 - 297
05:59 - 17:45

68 - 297
05:58 - 17:45

68 - 297
05:56 - 17:46

68 - 297
05:55 - 17:47

292 - 73
05:57 - 16:56

292 - 73
05:58 - 16:55

292 - 73
05:58 - 16:54

11:46

+3 m.

50°

11:48

+5 m.

51°

11:50

+7 m.

51°

11:52

+9 m.

51°

11:00

-10 m.

43°

10:57

-13 m.

42°

10:55

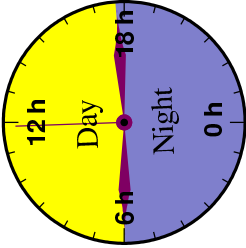
-15 m.

42°

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

Week 43

March 2014



Tokyo
139.58°E, 35.61°N

East Sun elevation, for Oct. 20 West

Duration of the day, for March 10

Monday 20

Tuesday 21

Wednesday 22

Thursday 23

Friday 14

Saturday 15

Sunday 16

Sunrise and Sunset at Tokyo (TL ± 1 mn)

292 - 73
05:53 - 17:01

292 - 73
05:54 - 17:00

292 - 73
05:55 - 16:58

292 - 73
05:56 - 16:57

68 - 297
05:53 - 17:48

68 - 297
05:52 - 17:49

68 - 297
05:51 - 17:50

11:08

-2 m.

44°

11:06

-4 m.

44°

11:04

-6 m.

43°

11:02

-8 m.

43°

11:55

+12 m.

52°

11:57

+14 m.

52°

11:59

+16 m.

53°

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



Monday

20 Thursday

Sunday 19

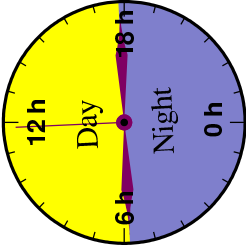
285 - 80
05:52 - 17:02

[illegible]

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

Week 42

March 2014



Tokyo
139.58°E, 35.61°N

East Sun elevation, for Oct. 13 West

Duration of the day, for March 17

Monday 13

Tuesday 14

Wednesday 15

Thursday 16

Friday 21

Saturday 22

Sunday 23

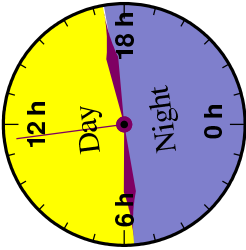
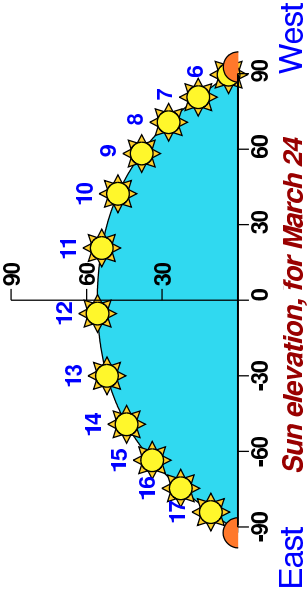
Sunrise and Sunset at Tokyo (TL ± 1 mn)

285 - 80 05:47 - 17:10	285 - 80 05:48 - 17:08	285 - 80 05:49 - 17:07	285 - 80 05:49 - 17:06	75 - 290 05:44 - 17:54	75 - 290 05:42 - 17:55	75 - 290 05:41 - 17:56
11:23 -2 m. 47°	11:21 -4 m. 46°	11:19 -6 m. 46°	11:17 -8 m. 46°	12:10 +11 m. 55°	12:13 +14 m. 55°	12:15 +16 m. 55°

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

Week 13

October 2014



Tokyo
139.58°E, 35.61°N

Duration of the day, for Oct. 6

Monday 24

Tuesday 25

Wednesday 26

Thursday 27

Friday 10

Saturday 11

Sunday 12

Sunrise and Sunset at Tokyo (TL ± 1 mn)

82 - 283
05:39 - 17:56

82 - 283
05:38 - 17:57

82 - 283
05:36 - 17:58

82 - 283
05:35 - 17:59

278 - 87
05:44 - 17:14

278 - 87
05:45 - 17:13

278 - 87
05:46 - 17:11

12:17

+2 m.

56°

+5 m.

56°

+7 m.

57°

+9 m.

57°

11:30

-11 m.

48°

11:27

-14 m.

47°

11:25

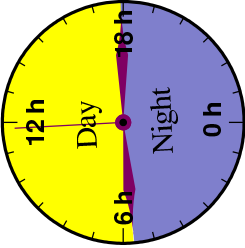
-16 m.

47°

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

Week 41

March 2014



Tokyo
139.58°E, 35.61°N

East Sun elevation, for Oct. 6 West

Duration of the day, for March 24

Monday 6

Tuesday 7

Wednesday 8

Thursday 9

Friday 28

Saturday 29

Sunday 30

Sunrise and Sunset at Tokyo (TL ± 1 mn)

278 - 87
05:41 - 17:19

278 - 87
05:42 - 17:18

278 - 87
05:43 - 17:17

278 - 87
05:44 - 17:15

82 - 283
05:34 - 18:00

82 - 283
05:32 - 18:01

82 - 283
05:31 - 18:01

11:38 -3 m. 49°

11:36 -5 m. 49°

11:34 -7 m. 49°

11:32 -9 m. 48°

12:26 +11 m. 57°

12:29 +14 m. 58°

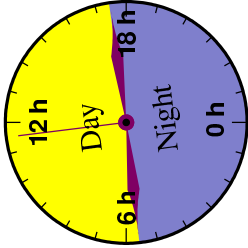
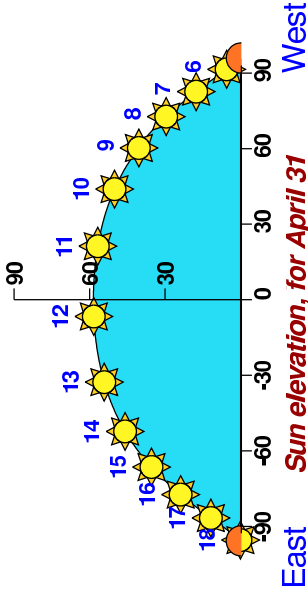
+16 m.

58°

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

Week 14

Sept. - Oct. 2014



Tokyo
139.58°E, 35.61°N

Duration of the day, for Sept. 29

Monday 31

Tuesday 1

Wednesday 2

Thursday 3

Friday 3

Saturday 4

Sunday 5

Sunrise and Sunset at Tokyo (TL ± 1 mn)

89 - 276
05:29 - 18:02

89 - 276
05:28 - 18:03

89 - 276
05:26 - 18:04

89 - 276
05:25 - 18:05

271 - 94
05:39 - 17:24

271 - 94
05:39 - 17:22

271 - 94
05:40 - 17:21

12:33

+2 m.

58°

12:35

+4 m.

59°

12:38

+7 m.

59°

12:40

+9 m.

60°

11:45

-11 m.

51°

11:43

-13 m.

50°

11:41

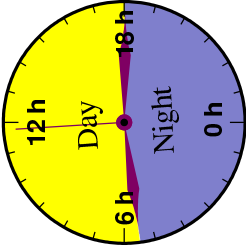
-15 m.

50°

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

Week 40

March - April 2014



Tokyo
139.58°E, 35.61°N

East Sun elevation, for Oct. 29 West

Duration of the day, for March 31

Monday 29

Tuesday 30

Wednesday 1

Thursday 2

Friday 4

Saturday 5

Sunday 6

Sunrise and Sunset at Tokyo (TL ± 1 mn)

271 - 94
05:35 - 17:29

271 - 94
05:36 - 17:28

271 - 94
05:37 - 17:26

271 - 94
05:38 - 17:25

89 - 276
05:24 - 18:05

89 - 276
05:22 - 18:06

89 - 276
05:21 - 18:07

11:54 -2 m. 52°

11:52 -4 m. 52°

11:49 -7 m. 51°

11:47 -9 m. 51°

12:42 +11 m. 60°

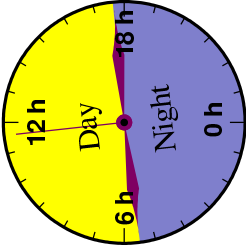
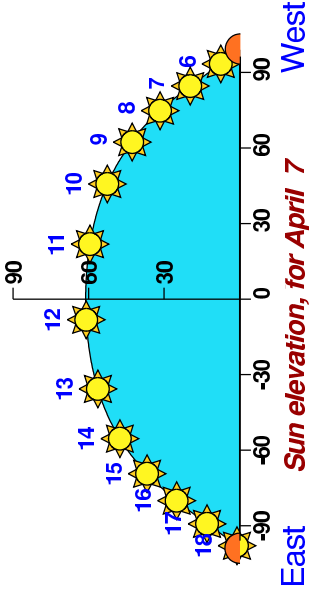
12:44 +13 m. 60°

12:46 +15 m. 61°

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

Week 15

September 2014



Tokyo
139.58°E, 35.61°N

Duration of the day, for Sept. 22

Monday 7

Tuesday 8

Wednesday 9

Thursday 10

Friday 26

Saturday 27

Sunday 28

Sunrise and Sunset at Tokyo (TL ± 1 mn)

96 - 269
05:19 - 18:08

96 - 269
05:18 - 18:09

96 - 269
05:17 - 18:10

96 - 269
05:15 - 18:10

264 - 101
05:33 - 17:34

264 - 101
05:34 - 17:32

264 - 101
05:35 - 17:31

12:49

+3 m.

61°

12:51

+5 m.

62°

12:53

+7 m.

62°

12:55

+9 m.

62°

12:01

-11 m.

53°

11:58

-14 m.

53°

11:56

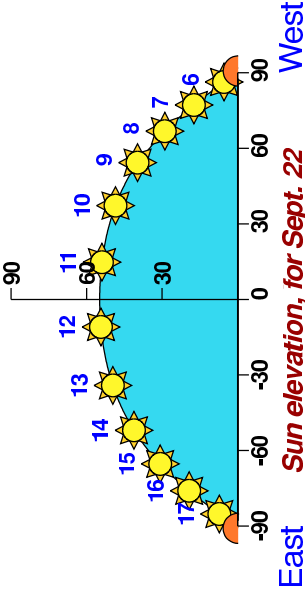
-16 m.

52°

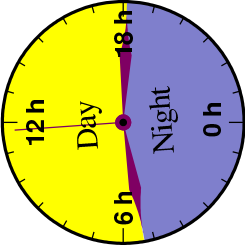
Duration of the day - Variation - Sun maximal elevation (°)

Week 39

April 2014



Tokyo
139.58°E, 35.61°N



Duration of the day, for April 7

Monday 22

Tuesday 23

Wednesday 24

Thursday 25

Friday 11

Saturday 12

Sunday 13

Sunrise and Sunset at Tokyo (TL ± 1 mn)

264 - 101
05:30 - 17:40

264 - 101
05:31 - 17:38

264 - 101
05:32 - 17:37

264 - 101
05:32 - 17:35

96 - 269
05:14 - 18:11

96 - 269
05:13 - 18:12

96 - 269
05:11 - 18:13

12:10

-2 m.

55°

12:07

-5 m.

54°

12:05

-7 m.

54°

12:03

-9 m.

54°

12:57

+11 m.

63°

12:59

+13 m.

63°

13:02

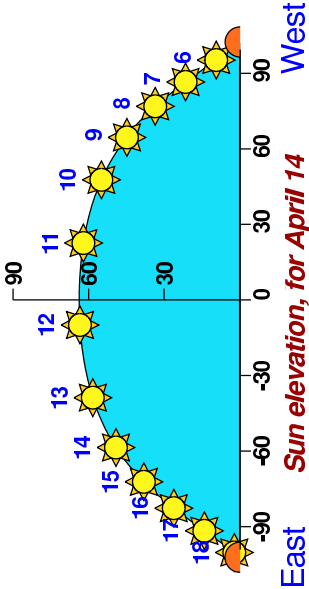
+16 m.

63°

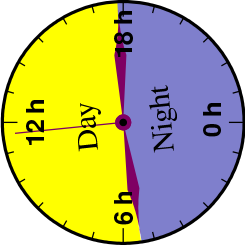
Duration of the day - Variation - Sun maximal elevation (°)

Week 16

September 2014



Tokyo
139.58°E, 35.61°N



Duration of the day, for Sept. 15

Monday 14

Tuesday 15

Wednesday 16

Thursday 17

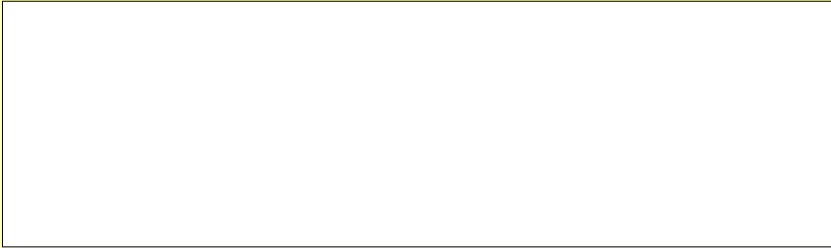
Friday 19

Saturday 20

Sunday 21

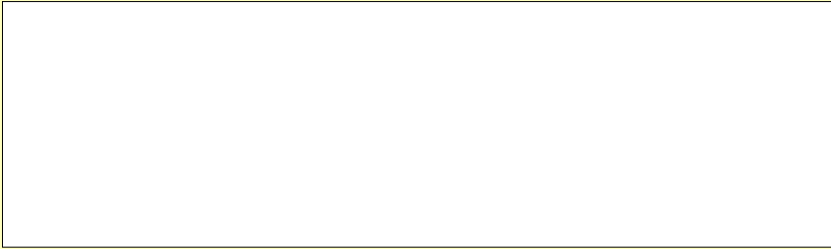
Sunrise and Sunset at Tokyo (TL ± 1 mn)

103 - 262
05:10 - 18:14



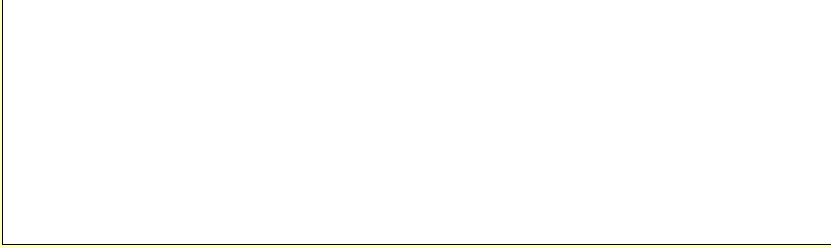
13:04 +2 m. 64°

103 - 262
05:09 - 18:15



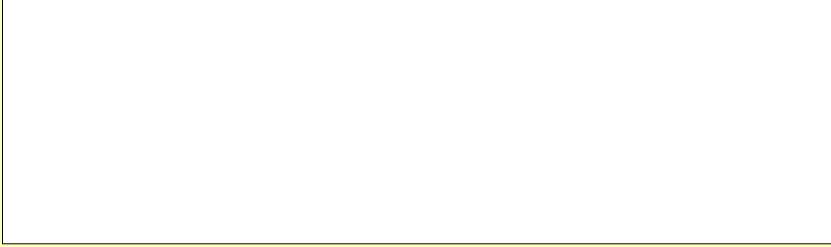
13:06 +4 m. 64°

103 - 262
05:07 - 18:15



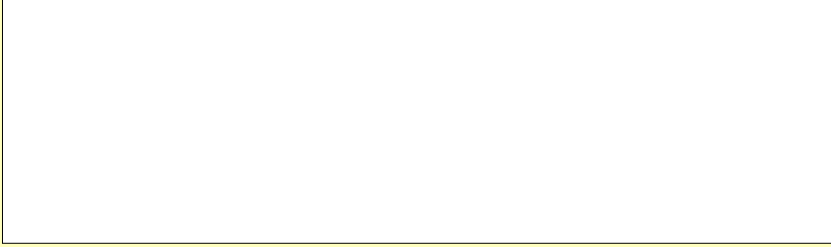
13:08 +6 m. 64°

103 - 262
05:06 - 18:16



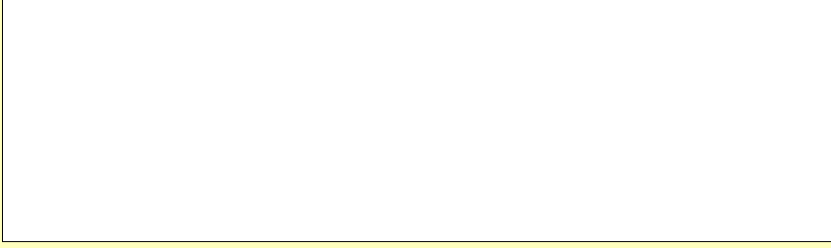
13:10 +8 m. 65°

257 - 108
05:28 - 17:44



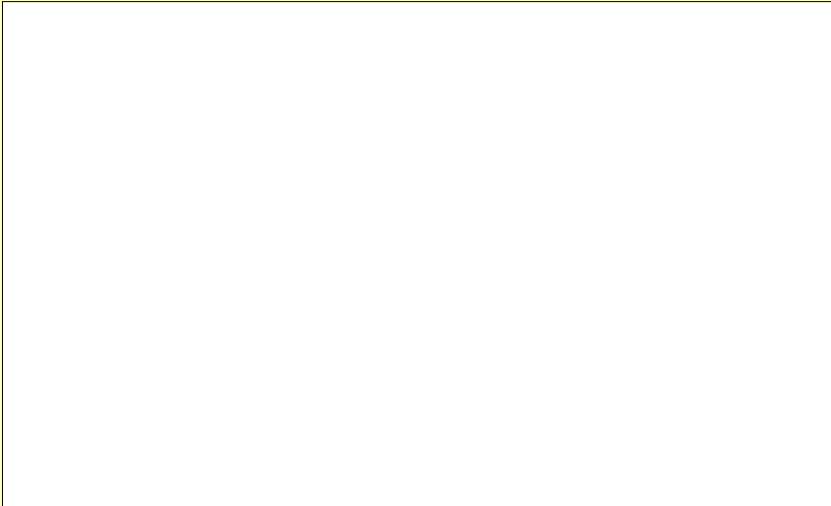
12:16 -11 m. 56°

257 - 108
05:29 - 17:42



12:14 -13 m. 56°

257 - 108
05:29 - 17:41

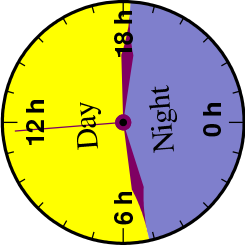
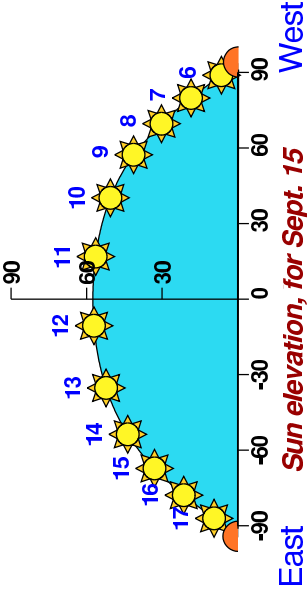


12:12 -15 m. 55°

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

Week 38

April 2014



Tokyo
139.58°E, 35.61°N

Duration of the day, for April 14

Monday 15

Tuesday 16

Wednesday 17

Thursday 18

Friday 18

Saturday 19

Sunday 20

Sunrise and Sunset at Tokyo (TL ± 1 mn)

257 - 108
05:25 - 17:50

257 - 108
05:26 - 17:48

257 - 108
05:26 - 17:47

257 - 108
05:27 - 17:45

103 - 262
05:05 - 18:17

103 - 262
05:04 - 18:18

103 - 262
05:02 - 18:19

12:25

-2 m.

57°

12:23

-4 m.

57°

12:21

-6 m.

57°

12:18

-9 m.

56°

13:12

+10 m.

65°

13:14

+12 m.

66°

13:16

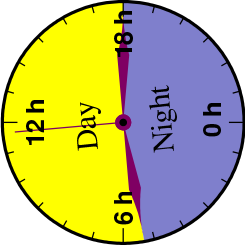
+14 m.

66°

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

Week **17**

September 2014



Tokyo
139.58°E, 35.61°N

East **Sun elevation, for April 21** West

Duration of the day, for Sept. 8

Monday 21

Tuesday 22

Wednesday 23

Thursday 24

Friday 12

Saturday 13

Sunday 14

Sunrise and Sunset at Tokyo (TL ± 1 mn)

110 - 255
05:01 - 18:20

110 - 255
05:00 - 18:20

110 - 255
04:59 - 18:21

110 - 255
04:57 - 18:22

250 - 115
05:23 - 17:54

250 - 115
05:23 - 17:53

250 - 115
05:24 - 17:51

13:19

+3 m.

66°

13:21

+5 m.

67°

13:23

+7 m.

67°

13:25

+9 m.

67°

12:32

-11 m.

59°

12:30

-13 m.

58°

12:27

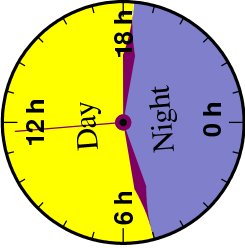
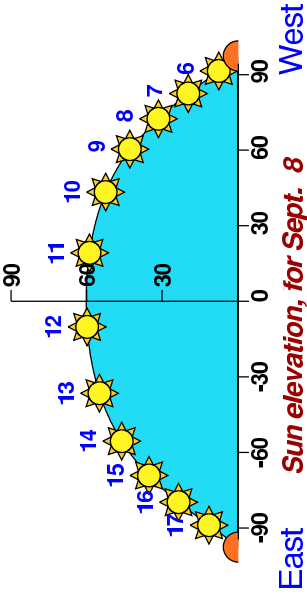
-16 m.

58°

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

Week 37

April 2014



Tokyo
139.58°E, 35.61°N

Duration of the day, for April 21

Monday 8

Tuesday 9

Wednesday 10

Thursday 11

Friday 25

Saturday 26

Sunday 27

Sunrise and Sunset at Tokyo (TL ± 1 mn)

250 - 115
05:20 - 18:00

250 - 115
05:20 - 17:59

250 - 115
05:21 - 17:57

250 - 115
05:22 - 17:56

110 - 255
04:56 - 18:23

110 - 255
04:55 - 18:24

110 - 255
04:54 - 18:25

12:41

-2 m.

60 °

12:38

-5 m.

60 °

12:36

-7 m.

59 °

12:34

-9 m.

59 °

13:27

+11 m.

68 °

13:29

+13 m.

68 °

13:31

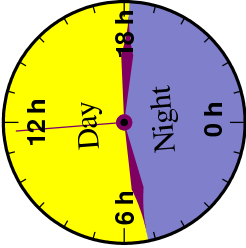
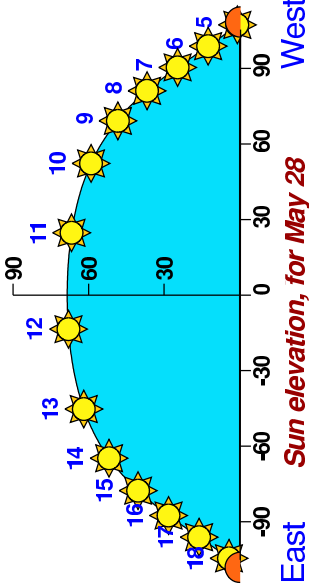
+15 m.

68 °

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

Week 18

September 2014



Tokyo
139.58°E, 35.61°N

Duration of the day, for Sept. 1

Monday 28

Tuesday 29

Wednesday 30

Thursday 1

Friday 5

Saturday 6

Sunday 7

Sunrise and Sunset at Tokyo (TL ± 1 mn)

117 - 248
04:53 - 18:25

117 - 248
04:52 - 18:26

117 - 248
04:51 - 18:27

117 - 248
04:50 - 18:28

243 - 122
05:17 - 18:04

243 - 122
05:18 - 18:03

243 - 122
05:19 - 18:01

13:33 +2 m. 68°

13:35 +4 m. 69°

13:37 +6 m. 69°

13:38 +7 m. 69°

12:47

12:45

12:43

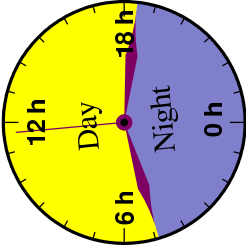
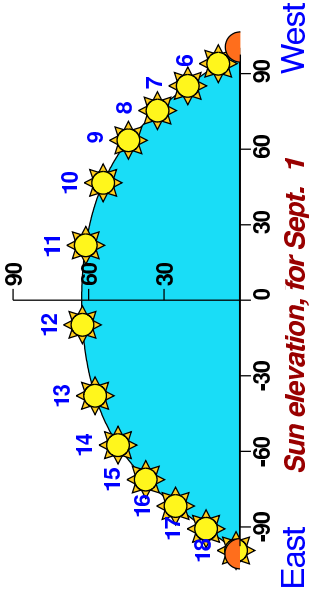
61°

-15 m.

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

Week 36

April - May 2014



Tokyo
139.58°E, 35.61°N

Duration of the day, for April 28

Monday 1

Tuesday 2

Wednesday 3

Thursday 4

Friday 2

Saturday 3

Sunday 4

Sunrise and Sunset at Tokyo (TL ± 1 mn)

243 - 122
05:14 - 18:10

243 - 122
05:15 - 18:09

243 - 122
05:16 - 18:07

243 - 122
05:17 - 18:06

117 - 248
04:49 - 18:29

117 - 248
04:47 - 18:30

117 - 248
04:46 - 18:30

12:56

-2 m.

63°

12:54

-4 m.

62°

12:51

-7 m.

62°

12:49

-9 m.

62°

13:40

+9 m.

70°

13:42

+11 m.

70°

13:44

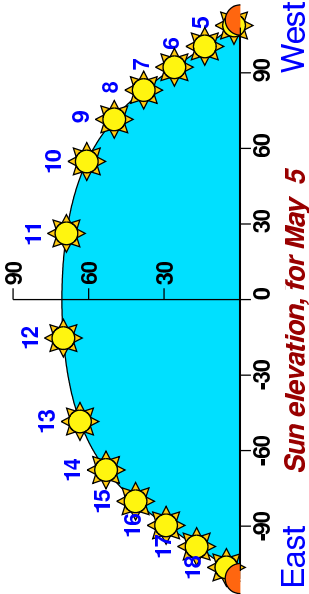
+13 m.

70°

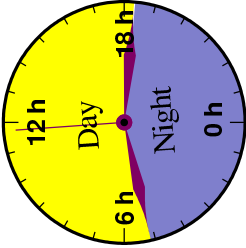
Duration of the day - Variation - Sun maximal elevation (°)

Week 19

August 2014



Tokyo
139.58°E, 35.61°N



Duration of the day, for Aug. 25

Monday 5

Tuesday 6

Wednesday 7

Thursday 8

Friday 29

Saturday 30

Sunday 31

Sunrise and Sunset at Tokyo (TL ± 1 mn)

124 - 241
04:45 - 18:31

124 - 241
04:44 - 18:32

124 - 241
04:44 - 18:33

124 - 241
04:43 - 18:34

236 - 129
05:12 - 18:14

236 - 129
05:13 - 18:13

236 - 129
05:14 - 18:11

13:46

+2 m.

71°

13:48

+4 m.

71°

13:49

+5 m.

71°

13:51

+7 m.

71°

13:02

-11 m.

64°

13:00

-13 m.

63°

12:58

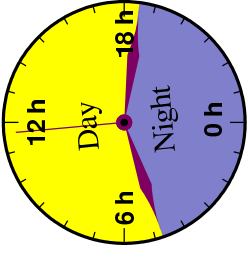
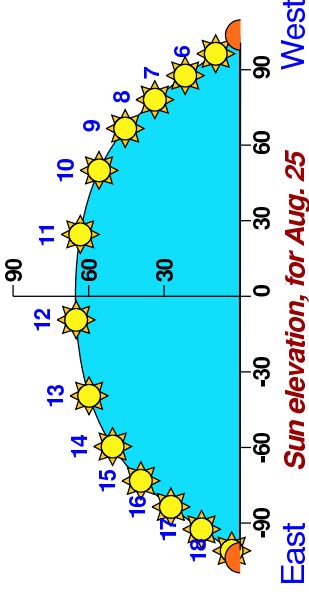
-15 m.

63°

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

35 Week

May 2014



Tokyo

139.58°E, 35.61°N

East Sun elevation, for Aug. 25 West

Duration of the day, for May 5

Monday

Tuesday

27
Wednesday

Thursday

Friday

Saturday 10

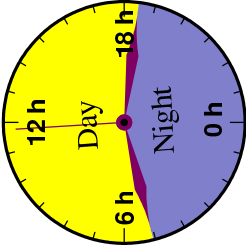
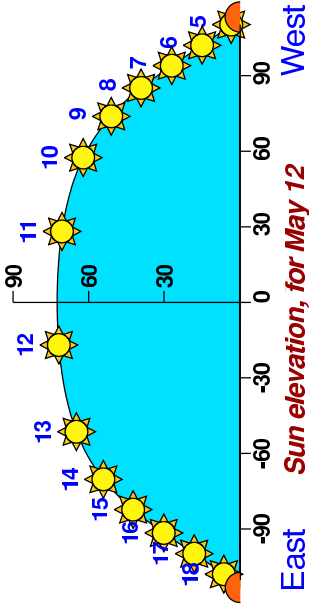
Sunday 11

Sunrise and Sunset at Tokyo ($TL \pm 1$ mn)

236 - 129 05:09 - 18:19 13:11 -2 m. 65°	236 - 129 05:10 - 18:18 13:08 -5 m. 65°	236 - 129 05:10 - 18:17 13:06 -7 m. 65°	236 - 129 05:11 - 18:15 13:04 -9 m. 64°
124 - 241 04:42 - 18:35 13:53 +9 m. 72°	124 - 241 04:41 - 18:35 13:55 +11 m. 72°	124 - 241 04:40 - 18:36 13:56 +12 m. 72°	

Week 20

August 2014



Tokyo

139.58°E, 35.61°N

East

Duration of the day, for Aug. 18

Monday 12

Tuesday 13

Wednesday 14

Thursday 15

Friday 22

Saturday 23

Sunday 24

Sunrise and Sunset at Tokyo (TL ± 1 mn)

131 - 234
04:39 - 18:37

131 - 234
04:38 - 18:38

131 - 234
04:37 - 18:39

131 - 234
04:37 - 18:39

229 - 136
05:07 - 18:23

229 - 136
05:07 - 18:22

229 - 136
05:08 - 18:21

13:58

+2 m.

72°

14:00

+4 m.

73°

14:01

+5 m.

73°

14:03

+7 m.

73°

13:17

-10 m.

66°

13:15

-12 m.

66°

13:13

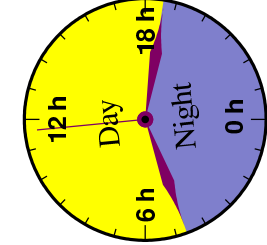
-14 m.

66°

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

Week 34

May 2014



Tokyo
139.58°E, 35.61°N

East Sun elevation, for Aug. 18 West

Duration of the day, for May 12

Monday 18

Tuesday 19

Wednesday 20

Thursday 21

Friday 16

Saturday 17

Sunday 18

Sunrise and Sunset at Tokyo (TL ± 1 mn)

229 - 136
05:04 - 18:28

229 - 136
05:04 - 18:27

229 - 136
05:05 - 18:26

229 - 136
05:06 - 18:25

131 - 234
04:36 - 18:40

131 - 234
04:35 - 18:41

131 - 234
04:34 - 18:42

13:25 -2 m. 68°

13:23 -4 m. 67°

13:21 -6 m. 67°

13:19 -8 m. 67°

14:04 +8 m. 73°

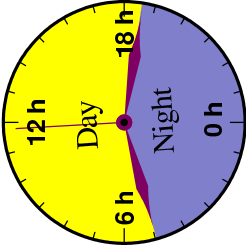
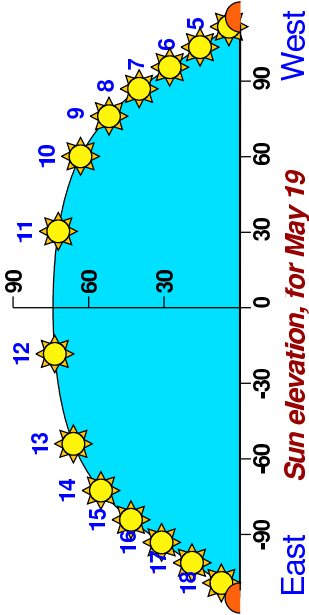
14:06 +10 m. 74°

14:07 +11 m. 74°

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

Week 21

August 2014



Tokyo
139.58°E, 35.61°N

Duration of the day, for Aug. 17

Monday 19

Tuesday 20

Wednesday 21

Thursday 22

Friday 15

Saturday 16

Sunday 17

Sunrise and Sunset at Tokyo (TL ± 1 mn)

138 - 227
04:34 - 18:43

138 - 227
04:33 - 18:43

138 - 227
04:32 - 18:44

138 - 227
04:32 - 18:45

222 - 143
05:01 - 18:32

222 - 143
05:02 - 18:31

222 - 143
05:03 - 18:29

14:09

+2 m.

74°

14:10

+3 m.

74°

14:12

+5 m.

75°

14:13

+6 m.

75°

13:31

-9 m.

68°

13:29

-11 m.

68°

13:27

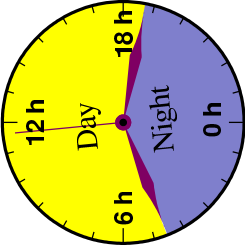
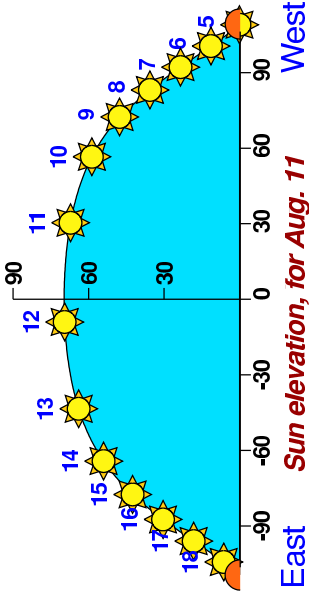
-13 m.

68°

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

Week 33

May 2014



Tokyo
139.58°E, 35.61°N

Duration of the day, for May 19

Monday 11

Tuesday 12

Wednesday 13

Thursday 14

Friday 23

Saturday 24

Sunday 25

Sunrise and Sunset at Tokyo (TL ± 1 mn)

222 - 143
04:58 - 18:36

222 - 143
04:59 - 18:35

222 - 143
05:00 - 18:34

222 - 143
05:00 - 18:33

138 - 227
04:31 - 18:46

138 - 227
04:31 - 18:46

138 - 227
04:30 - 18:47

13:38

-2 m.

70°

13:36

-4 m.

69°

13:35

-5 m.

69°

13:33

-7 m.

69°

14:14

+7 m.

75°

14:16

+9 m.

75°

14:17

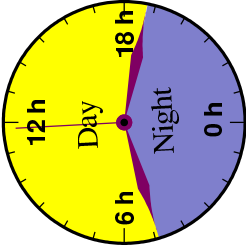
+10 m.

75°

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

Week 22

August 2014



Tokyo
139.58°E, 35.61°N

Sun elevation, for June 26

Duration of the day, for Aug. 4

Monday 26

Tuesday 27

Wednesday 28

Thursday 29

Friday 8

Saturday 9

Sunday 10

Sunrise and Sunset at Tokyo (TL ± 1 mn)

145 - 220
04:30 - 18:48

145 - 220
04:29 - 18:48

145 - 220
04:29 - 18:49

145 - 220
04:28 - 18:50

215 - 150
04:56 - 18:40

215 - 150
04:57 - 18:39

215 - 150
04:57 - 18:38

14:18

+1 m.

75°

14:19

+2 m.

76°

14:20

+3 m.

76°

14:22

+5 m.

76°

13:44

-9 m.

71°

13:42

-11 m.

70°

13:40

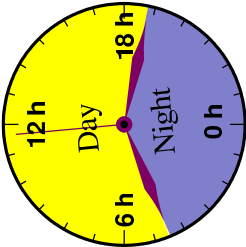
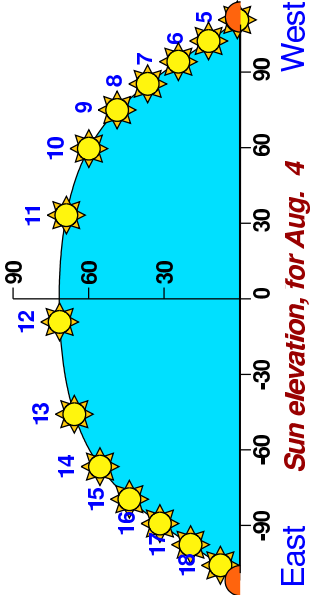
-13 m.

70°

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

Week 32

May - June 2014



Tokyo
139.58°E, 35.61°N

Duration of the day, for May 28

Monday 4

Tuesday 5

Wednesday 6

Thursday 7

Friday 30

Saturday 31

Sunday 1

Sunrise and Sunset at Tokyo (TL ± 1 mn)

215 - 150
04:53 - 18:44

215 - 150
04:53 - 18:43

215 - 150
04:54 - 18:42

215 - 150
04:55 - 18:41

145 - 220
04:28 - 18:51

145 - 220
04:28 - 18:51

145 - 220
04:27 - 18:52

13:51

-2 m.

72°

13:49

-4 m.

71°

13:48

-5 m.

71°

13:46

-7 m.

71°

14:23

+6 m.

76°

14:24

+7 m.

76°

14:24

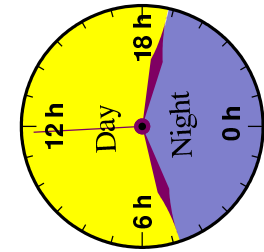
+7 m.

76°

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

Week 23

July - Aug. 2014



Tokyo
139.58°E, 35.61°N

East Sun elevation, for June 2 West

Duration of the day, for July 28

Monday 2

Tuesday 3

Wednesday 4

Thursday 5

Friday 1

Saturday 2

Sunday 3

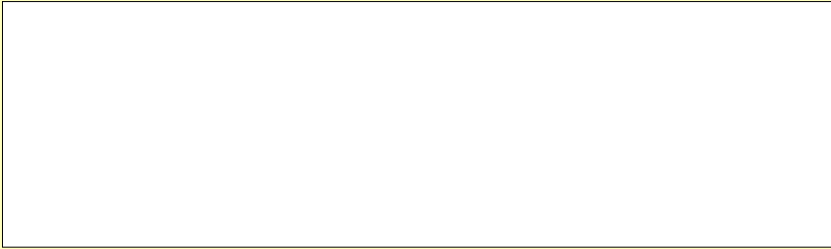
Sunrise and Sunset at Tokyo (TL ± 1 mn)

152 - 213
04:27 - 18:52



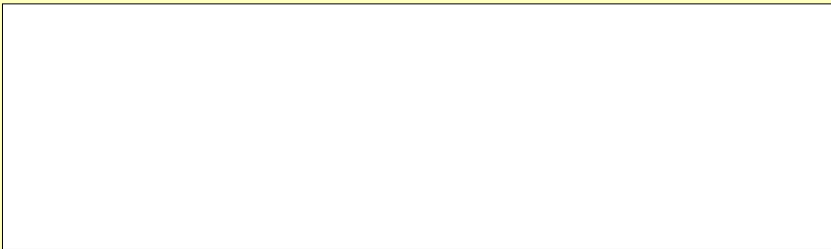
14:25 +1 m. 77°

152 - 213
04:27 - 18:53



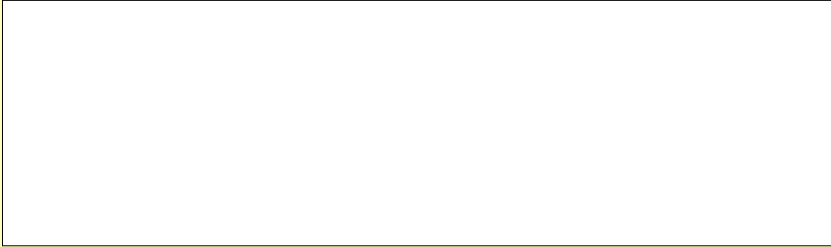
14:26 +2 m. 77°

152 - 213
04:27 - 18:54



14:27 +3 m. 77°

152 - 213
04:26 - 18:54



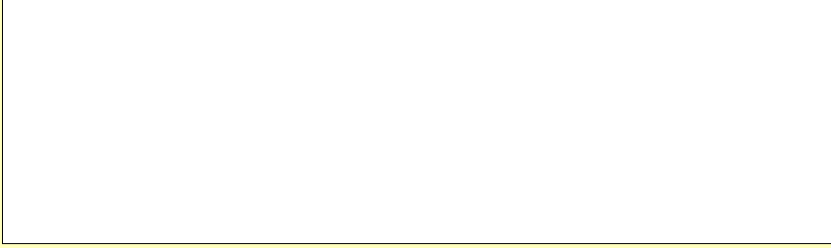
14:28 +4 m. 77°

208 - 157
04:50 - 18:46



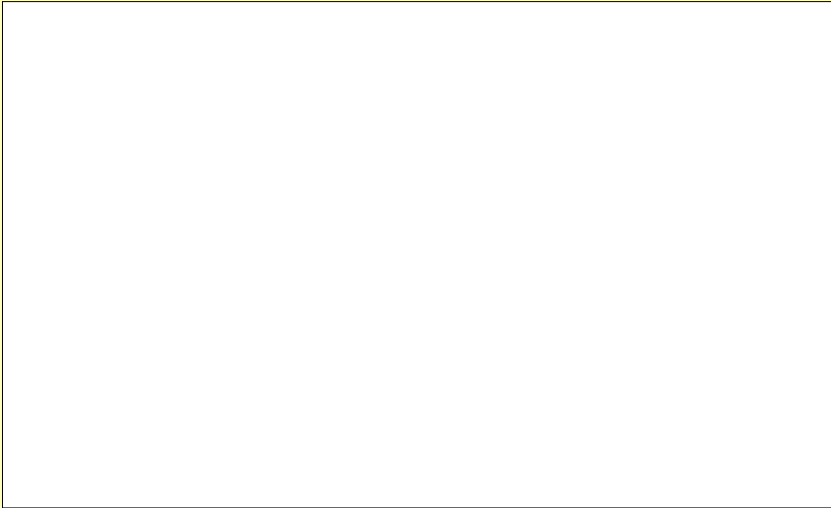
13:56 -8 m. 72°

208 - 157
04:51 - 18:46



13:55 -9 m. 72°

208 - 157
04:52 - 18:45

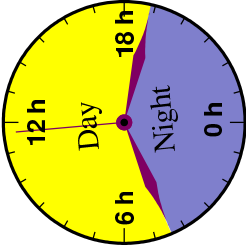
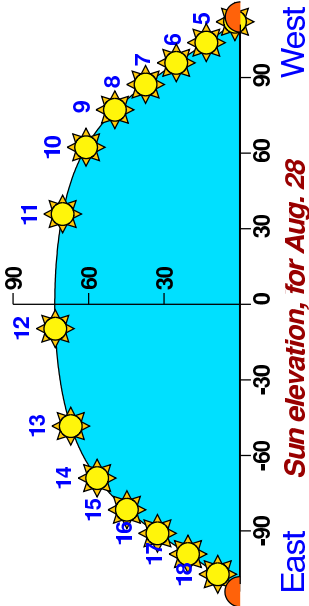


13:53 -11 m. 72°

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

Week 31

June 2014



Tokyo
139.58°E, 35.61°N

Duration of the day, for June 2014

Monday 28

Tuesday 29

Wednesday 30

Thursday 31

Friday 6

Saturday 7

Sunday 8

Sunrise and Sunset at Tokyo (TL ± 1 mn)

208 - 157
04:47 - 18:50

208 - 157
04:48 - 18:49

208 - 157
04:49 - 18:48

152 - 213
04:26 - 18:55

152 - 213
04:26 - 18:55

152 - 213
04:26 - 18:56

14:03

-1 m.

73°

14:01

-3 m.

73°

13:59

-5 m.

73°

13:58

-6 m.

73°

14:29

+5 m.

77°

14:29

+5 m.

77°

14:30

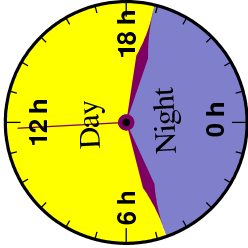
+6 m.

77°

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

Week 24

July 2014



Tokyo
139.58°E, 35.61°N

East Sun elevation, for June 9 West

Duration of the day, for July 27

Monday 9

Tuesday 10

Wednesday 11

Thursday 12

Friday 25

Saturday 26

Sunday 27

Sunrise and Sunset at Tokyo (TL ± 1 mn)

159 - 206
04:26 - 18:56

159 - 206
04:26 - 18:57

159 - 206
04:26 - 18:57

159 - 206
04:26 - 18:58

201 - 164
04:45 - 18:52

201 - 164
04:46 - 18:51

201 - 164
04:46 - 18:51

14:31 +1 m. 77°

14:31 +1 m. 77°

14:32 +2 m. 77°

14:32 +2 m. 78°

14:07

14:06

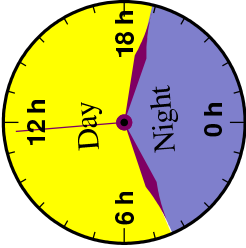
14:04

74°

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

Week 30

June 2014



Tokyo
139.58°E, 35.61°N

East Sun elevation, for July 21 West

Duration of the day, for June 9

Monday 21

Tuesday 22

Wednesday 23

Thursday 24

Friday 13

Saturday 14

Sunday 15

Sunrise and Sunset at Tokyo (TL ± 1 mn)

201 - 164
04:42 - 18:55

201 - 164
04:43 - 18:54

201 - 164
04:44 - 18:53

201 - 164
04:44 - 18:53

159 - 206
04:26 - 18:58

159 - 206
04:26 - 18:59

159 - 206
04:26 - 18:59

14:13

-1 m.

75°

14:11

-3 m.

75°

14:10

-4 m.

75°

14:09

-5 m.

74°

14:33

+3 m.

78°

14:33

+3 m.

78°

14:33

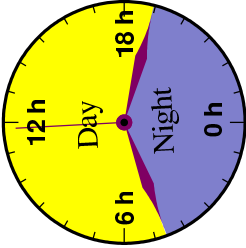
+3 m.

78°

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

Week 25

July 2014



Tokyo
139.58°E, 35.61°N

East Sun elevation, for June 16 West

Duration of the day, for July 14

Monday 16

Tuesday 17

Wednesday 18

Thursday 19

Friday 18

Saturday 19

Sunday 20

Sunrise and Sunset at Tokyo (TL ± 1 mn)

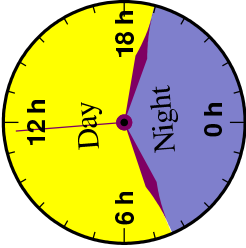
166 - 199 04:26 - 18:59	166 - 199 04:26 - 19:00	166 - 199 04:26 - 19:00	166 - 199 04:26 - 19:00
14:34 +1 m. 78°	14:34 +1 m. 78°	14:34 +1 m. 78°	14:34 +1 m. 78°

194 - 171 04:40 - 18:56	194 - 171 04:41 - 18:56	194 - 171 04:41 - 18:55
14:17 -5 m. 75°	14:15 -7 m. 75°	14:14 -8 m. 75°

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

Week 29

June 2014



Tokyo
139.58°E, 35.61°N

East Sun elevation, for July 14 West

Duration of the day, for June 16

Monday 14

Tuesday 15

Wednesday 16

Thursday 17

Friday 20

Saturday 21

Sunday 22

Sunrise and Sunset at Tokyo (TL ± 1 mn)

194 - 171

04:37 - 18:58

194 - 171

04:38 - 18:58

194 - 171

04:39 - 18:58

194 - 171

04:39 - 18:57

166 - 199

04:26 - 19:00

166 - 199

04:27 - 19:01

166 - 199

04:27 - 19:01

14:21

-1 m.

76°

14:20

-2 m.

76°

14:19

-3 m.

76°

14:18

-4 m.

76°

14:34

+1 m.

78°

14:34

+1 m.

78°

14:34

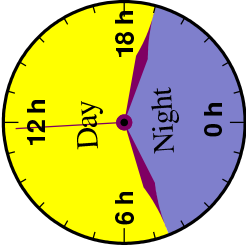
+1 m.

78°

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

Week 26

July 2014



Tokyo
139.58°E, 35.61°N

East Sun elevation, for June 23 West

Duration of the day, for July 7

Monday 23

Tuesday 24

Wednesday 25

Thursday 26

Friday 11

Saturday 12

Sunday 13

Sunrise and Sunset at Tokyo (TL ± 1 mn)

173 - 192
04:27 - 19:01

14:34 +0 m. 78°

173 - 192
04:27 - 19:01

14:34 +0 m. 78°

173 - 192
04:28 - 19:01

14:34 +0 m. 78°

173 - 192
04:28 - 19:01

14:33 -1 m. 78°

187 - 178
04:35 - 19:00

14:24 -5 m. 77°

187 - 178
04:36 - 18:59

14:23 -6 m. 76°

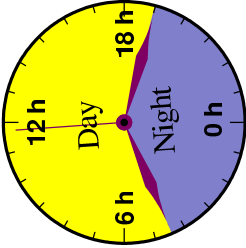
187 - 178
04:37 - 18:59

-7 m. 76°

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

Week 28

June 2014



Tokyo
139.58°E, 35.61°N

East Sun elevation, for July 7 West

Duration of the day, for June 23

Monday 7

Tuesday 8

Wednesday 9

Thursday 10

Friday 27

Saturday 28

Sunday 29

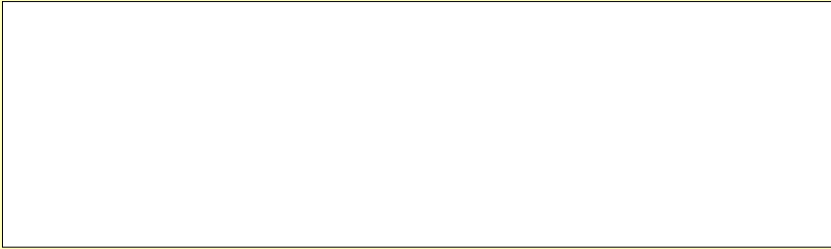
Sunrise and Sunset at Tokyo (TL ± 1 mn)

187 - 178
04:33 - 19:01



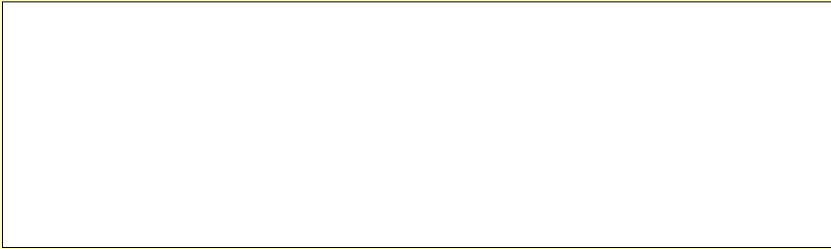
14:28 -1 m. 77°

187 - 178
04:34 - 19:00



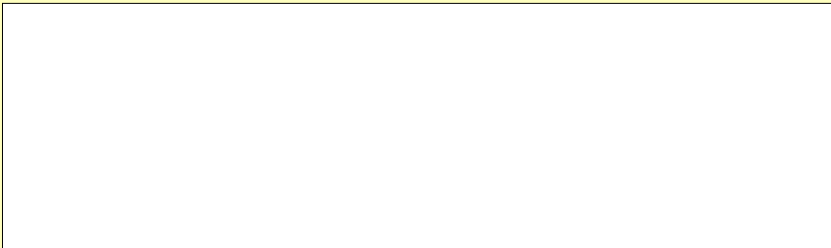
14:27 -2 m. 77°

187 - 178
04:34 - 19:00



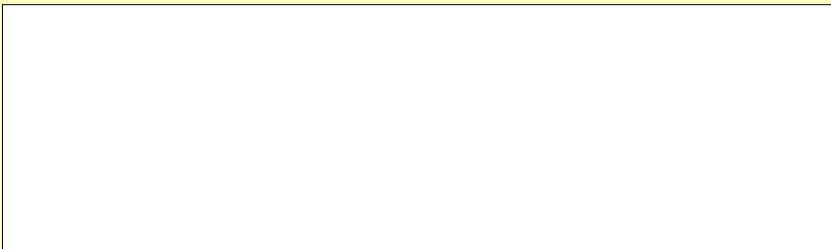
14:26 -3 m. 77°

187 - 178
04:35 - 19:00



14:25 -4 m. 77°

173 - 192
04:28 - 19:02



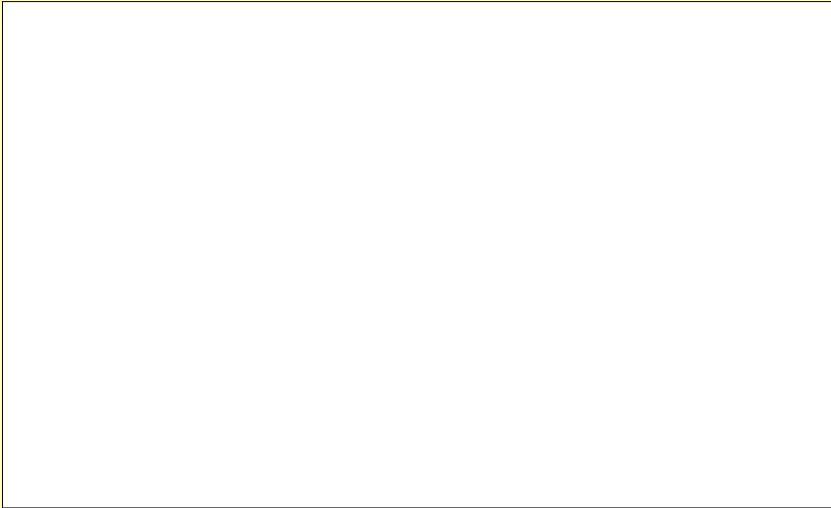
14:33 -1 m. 78°

173 - 192
04:29 - 19:02



14:33 -1 m. 78°

173 - 192
04:29 - 19:02

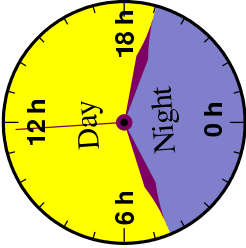


14:32 -2 m. 78°

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

Week 27

June - July 2014



Tokyo
139.58°E, 35.61°N

East Sun elevation, for July 30 West

Duration of the day, for June 30

Monday 30

Tuesday 1

Wednesday 2

Thursday 3

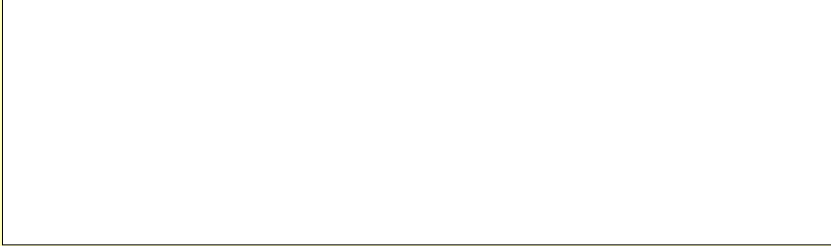
Friday 4

Saturday 5

Sunday 6

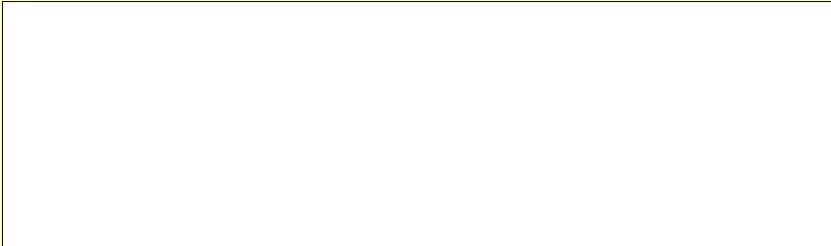
Sunrise and Sunset at Tokyo (TL ± 1 mn)

180 - 185
04:30 - 19:02



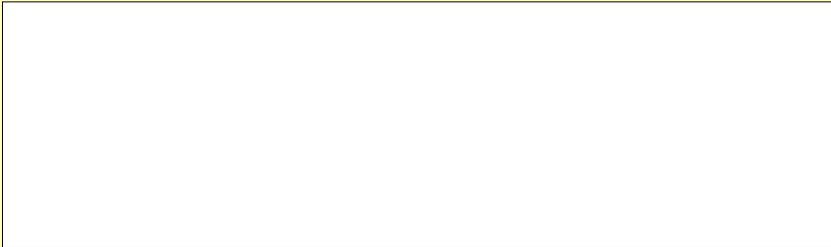
14:32 +0 m. 78°

180 - 185
04:30 - 19:02



14:32 +0 m. 78°

180 - 185
04:30 - 19:01



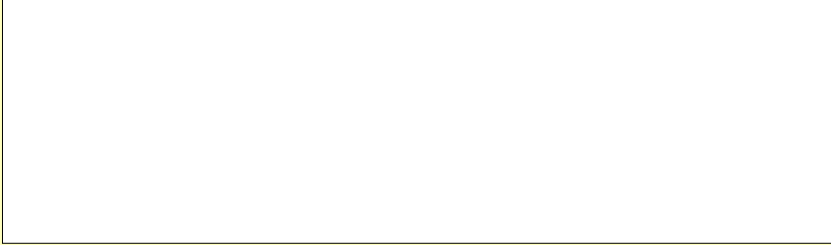
14:31 -1 m. 77°

180 - 185
04:31 - 19:01



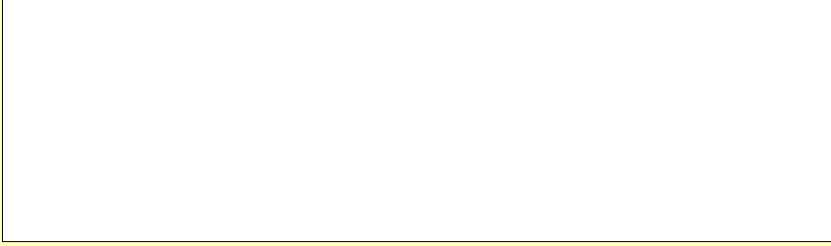
14:31 -1 m. 77°

180 - 185
04:31 - 19:01



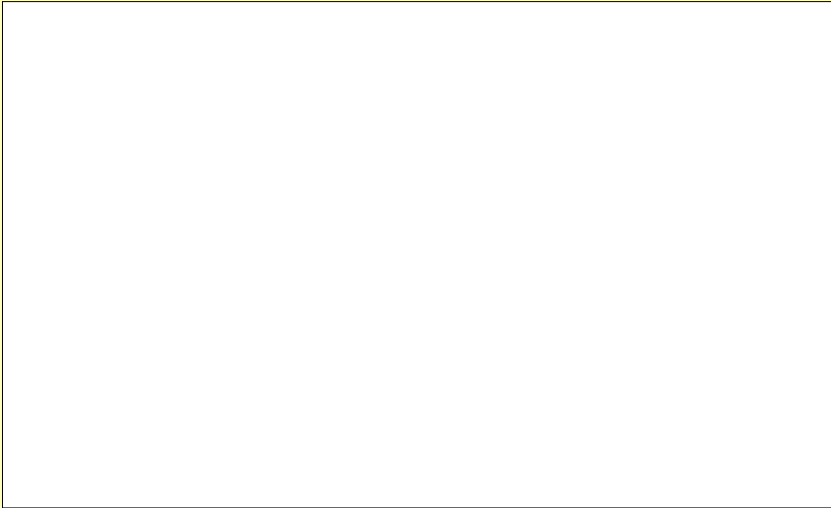
14:30 -2 m. 77°

180 - 185
04:32 - 19:01



14:29 -3 m. 77°

180 - 185
04:32 - 19:01



14:29 -3 m. 77°

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