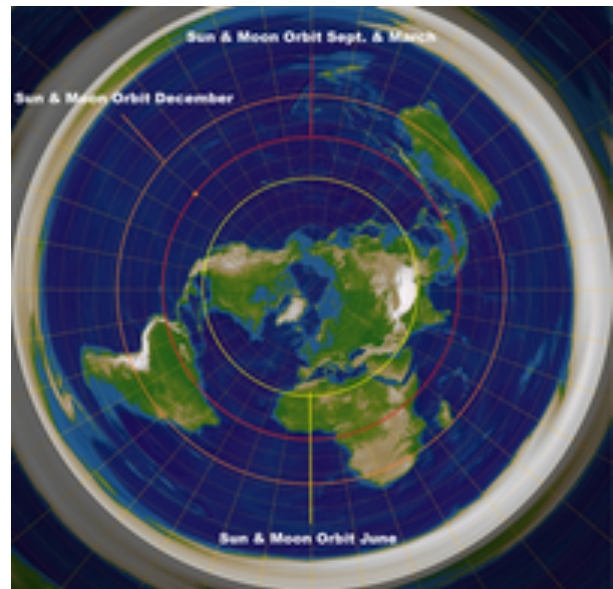


Daylight-length rate comparison: source = timeanddate.com/sun

Overview					
Location	Category	December	March	June	September
Shajapur, Madhya Pradesh, India	Tropic of Cancer	3s	1m 22s	3s	1m 20s
Havana, Cuba	Tropic of Cancer	3s	1m 20s	3s	1m 19s
Mazatlan, Mexico	Tropic of Cancer	3s	1m 21s	3s	1m 20s
São Tomé and Príncipe	Equator	<1s	1s	<1s	1s
Fuerte Amador	Equator	1s	29s	1s	29s
Singapore, Singapore	Equator	1s	4s	1s	4s
Cape Capricorn, Queensland Aus.	Capricorn	3s	1m 22s	3s	1m 20s
Capricorn District Municipality	Capricorn	4s	1m 22s	3s	1m 21s
Sorocaba, São Paulo, Brazil	Capricorn	3s	1m 22s	2s	1m 21s
Point Alden, Antarctica	Southern	Up all day	7m 23s	1m 16s	7m 14s
Bailey Peninsula, Antarctica	Southern	Up all day	7m 11s	50s	7m 4s
Davis, Antarctica	Southern	Up all day	8m 4s	Down all day	7m 55s
Station Nord, Greenland	Northern	Down all day	21m 38s	Up all day	21m 36s
Cape Columbia, Nunavut, Canada	Northern	Down all day	26m 37s	Up all day	26m 43s
Hornemantoppen, Svalbard, Norway	Northern	Down all day	17m 16s	Up all day	17m 9s
Melbourne, Australia	bonus	7s	2m 27s	6s	2m 24s
Murmansk, Russia	bonus	Down all day	8m 13s	Up all day	8m 6s

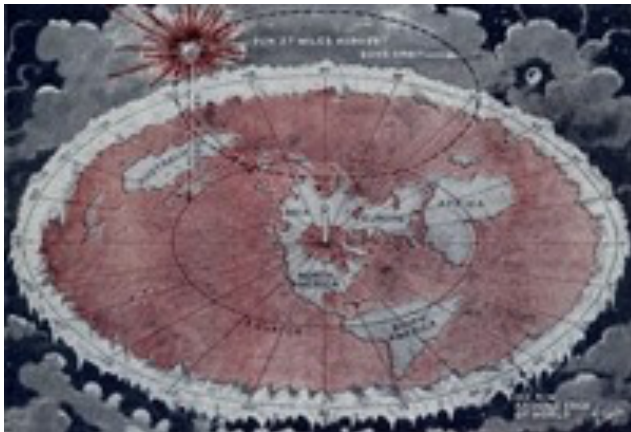
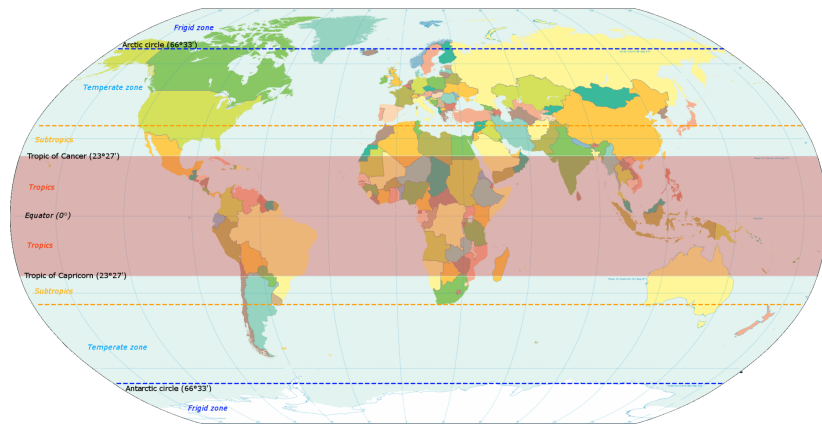
# Flat-Earth Education

data compiled March 25-28 (2023) by Riley Burnham  
 maps found online; good enough  
<http://flateartheeducation.com>  
 v1.3



Daylight-length rate comparison: source = timeanddate.com/sun

Overview - sorted North to South						
Latitude	Location	Category	December	March	June	September
83°06' N	Cape Columbia, Nunavut, Canada	Northern	Down all day	26m 37s	Up all day	26m 43s
81°35' N	Station Nord, Greenland	Northern	Down all day	21m 38s	Up all day	21m 36s
79.5731° N	Hornemantoppen, Svalbard, Norway	Northern	Down all day	17m 16s	Up all day	17m 9s
68°58' N	Murmansk, Russia	bonus	Down all day	8m 13s	Up all day	8m 6s
23°14' N	Shajapur, Madhya Pradesh, India	Tropic of Cancer	3s	1m 22s	3s	1m 20s
23°13' N	Mazatlan, Mexico	Tropic of Cancer	3s	1m 21s	3s	1m 20s
23°08' N	Havana, Cuba	Tropic of Cancer	3s	1m 20s	3s	1m 19s
8°56' N	Fuerte Amador	Equator	1s	29s	1s	29s
1°17' N	Singapore, Singapore	Equator	1s	4s	1s	4s
0°20' N	São Tomé and Príncipe	Equator	<1s	1s	<1s	1s
23°28' S	Cape Capricorn, Queensland Aus.	Capricorn	3s	1m 22s	3s	1m 20s
23°30' S	Sorocaba, São Paulo, Brazil	Capricorn	3s	1m 22s	2s	1m 21s
23°53' S	Capricorn District Municipality	Capricorn	4s	1m 22s	3s	1m 21s
37°48' S	Melbourne, Australia	bonus	7s	2m 27s	6s	2m 24s
66°17' S	Bailey Peninsula, Antarctica	Southern	Up all day	7m 11s	50s	7m 4s
66°48' S	Point Alden, Antarctica	Southern	Up all day	7m 23s	1m 16s	7m 14s
68°34' S	Davis, Antarctica	Southern	Up all day	8m 4s	Down all day	7m 55s



## Daylight-length rate comparison

<b>Cape Columbia, Nunavut, Canada</b>				
Northern				
<a href="https://www.timeanddate.com/sun/@5915657?month=12&amp;year=2022">https://www.timeanddate.com/sun/@5915657?month=12&amp;year=2022</a> using their data so accuracy is "assumed"				
Date	Sunrise - Sunset	Day-length	Change	average
<b>Dec 18 (2022)</b>	Down all day	1d	-	
<b>Dec 19 (2022)</b>	Down all day	1d	-	
<b>Dec 20 (2022)</b>	Down all day	1d	-	
<b>Dec 21 (2022)</b>	Down all day	1d	-	
<b>Dec 22 (2022)</b>	Down all day	1d	-	
<b>Dec 23 (2022)</b>	Down all day	1d	-	
<b>Dec 24 (2022)</b>	Down all day	1d	-	-
<b>Mar 18 (2023)</b>	6:52 am - 6:50 pm	11:57:57	+26m 12s	
<b>Mar 19 (2023)</b>	6:38 am - 7:03 pm	12:24:09	+26m 12s	
<b>Mar 20 (2023)</b>	6:25 am - 7:15 pm	12:50:26	+26m 16s	
<b>Mar 21 (2023)</b>	6:12 am - 7:29 pm	13:16:52	+26m 26s	
<b>Mar 22 (2023)</b>	5:58 am - 7:42 pm	13:43:34	+26m 41s	
<b>Mar 23 (2023)</b>	5:45 am - 7:55 pm	14:10:35	+27m 01s	
<b>Mar 24 (2023)</b>	5:31 am - 8:09 pm	14:38:04	+27m 28s	26m 37s
<b>Jun 18 (2023)</b>	Up all day	1d	-	
<b>Jun 19 (2023)</b>	Up all day	1d	-	
<b>Jun 20 (2023)</b>	Up all day	1d	-	
<b>Jun 21 (2023)</b>	Up all day	1d	-	
<b>Jun 22 (2023)</b>	Up all day	1d	-	
<b>Jun 23 (2023)</b>	Up all day	1d	-	
<b>Jun 24 (2023)</b>	Up all day	1d	-	-
<b>Sep 18 (2023)</b>	5:00 am - 7:38 pm	14:57:55	-28m 6s	
<b>Sep 19 (2023)</b>	5:14 am - 7:44 pm	14:30:28	-27m 27s	
<b>Sep 20 (2023)</b>	5:27 am - 7:31 pm	14:03:33	-26m 55s	
<b>Sep 21 (2023)</b>	5:40 am - 7:17 pm	13:37:02	-26m 30s	
<b>Sep 22 (2023)</b>	5:53 am - 7:04 pm	13:10:50	-26m 11s	
<b>Sep 23 (2023)</b>	6:06 am - 6:51 pm	12:44:52	-25m 58s	
<b>Sep 24 (2023)</b>	6:18 am - 6:38 pm	12:19:01	-25m 50s	26m 43s

## Daylight-length rate comparison

<b>Station Nord, Greenland</b>				
Northern				
<a href="https://www.timeanddate.com/sun/greenland/station-nord?month=12&amp;year=2022">https://www.timeanddate.com/sun/greenland/station-nord?month=12&amp;year=2022</a> using their data so accuracy is "assumed"				
Date	Sunrise - Sunset	Day-length	Change	average
<b>Dec 18 (2022)</b>	Down all day	1d	-	
<b>Dec 19 (2022)</b>	Down all day	1d	-	
<b>Dec 20 (2022)</b>	Down all day	1d	-	
<b>Dec 21 (2022)</b>	Down all day	1d	-	
<b>Dec 22 (2022)</b>	Down all day	1d	-	
<b>Dec 23 (2022)</b>	Down all day	1d	-	
<b>Dec 24 (2022)</b>	Down all day	1d	-	-
<b>Mar 18 (2023)</b>	7:19 am - 7:15 pm	11:55:16	+21m 26s	
<b>Mar 19 (2023)</b>	7:08 am - 7:25 pm	12:16:42	+21m 25s	
<b>Mar 20 (2023)</b>	6:57 am - 7:36 pm	12:38:10	+21m 27s	
<b>Mar 21 (2023)</b>	6:46 am - 7:46 pm	12:59:43	+21m 32s	
<b>Mar 22 (2023)</b>	6:35 am - 7:57 pm	13:32:23	+21m 40s	
<b>Mar 23 (2023)</b>	6:24 am - 8:08 pm	13:43:13	+21m 50s	
<b>Mar 24 (2023)</b>	6:13 am - 8:18 pm	14:05:16	+22m 03s	21m 38s
<b>Jun 18 (2023)</b>	Up all day	1d	-	
<b>Jun 19 (2023)</b>	Up all day	1d	-	
<b>Jun 20 (2023)</b>	Up all day	1d	-	
<b>Jun 21 (2023)</b>	Up all day	1d	-	
<b>Jun 22 (2023)</b>	Up all day	1d	-	
<b>Jun 23 (2023)</b>	Up all day	1d	-	
<b>Jun 24 (2023)</b>	Up all day	1d	-	-
<b>Sep 18 (2023)</b>	5:43 am - 8:11 pm	14:27:41	-22m 19s	
<b>Sep 19 (2023)</b>	5:54 am - 8:00 pm	14:05:42	-21m 59s	
<b>Sep 20 (2023)</b>	6:05 am - 7:49 pm	13:43:58	-21m 43s	
<b>Sep 21 (2023)</b>	6:15 am - 7:38 pm	13:22:28	-21m 30s	
<b>Sep 22 (2023)</b>	6:26 am - 7:27 pm	13:01:08	-21m 19s	
<b>Sep 23 (2023)</b>	6:36 am - 7:16 pm	12:39:56	-21m 12s	
<b>Sep 24 (2023)</b>	6:46 am - 7:05 pm	12:18:48	-21m 7s	21m 36s

## Daylight-length rate comparison

<b>Hornemantoppen, Svalbard, Norway</b>				
Northern				
<a href="https://www.timeanddate.com/sun/@2730590?month=12&amp;year=2022">https://www.timeanddate.com/sun/@2730590?month=12&amp;year=2022</a> using their data so accuracy is "assumed"				
Date	Sunrise - Sunset	Day-length	Change	average
<b>Dec 18 (2022)</b>	Down all day	1d	-	
<b>Dec 19 (2022)</b>	Down all day	1d	-	
<b>Dec 20 (2022)</b>	Down all day	1d	-	
<b>Dec 21 (2022)</b>	Down all day	1d	-	
<b>Dec 22 (2022)</b>	Down all day	1d	-	
<b>Dec 23 (2022)</b>	Down all day	1d	-	
<b>Dec 24 (2022)</b>	Down all day	1d	-	-
<b>Mar 18 (2023)</b>	6:26 am - 6:22 pm	11:55:03	+17m 11s	
<b>Mar 19 (2023)</b>	6:18 am - 6:30 pm	12:12:14	+17m 10s	
<b>Mar 20 (2023)</b>	6:09 am - 6:38 pm	12:29:25	+17m 11s	
<b>Mar 21 (2023)</b>	6:00 am - 6:47 pm	12:46:39	+17m 13s	
<b>Mar 22 (2023)</b>	5:51 am - 6:55 pm	13:03:57	+17m 17s	
<b>Mar 23 (2023)</b>	5:42 am - 7:03 pm	13:21:19	+17m 21s	
<b>Mar 24 (2023)</b>	5:33 am - 7:12 pm	13:38:47	+17m 28s	17m 16s
<b>Jun 18 (2023)</b>	Up all day	1d	-	
<b>Jun 19 (2023)</b>	Up all day	1d	-	
<b>Jun 20 (2023)</b>	Up all day	1d	-	
<b>Jun 21 (2023)</b>	Up all day	1d	-	
<b>Jun 22 (2023)</b>	Up all day	1d	-	
<b>Jun 23 (2023)</b>	Up all day	1d	-	
<b>Jun 24 (2023)</b>	Up all day	1d	-	-
<b>Sep 18 (2023)</b>	6:06 am - 8:05 pm	13:59:11	-17m 30s	
<b>Sep 19 (2023)</b>	6:14 am - 7:56 pm	13:41:50	-17m 21s	
<b>Sep 20 (2023)</b>	6:23 am - 7:47 pm	13:24:36	-17m 13s	
<b>Sep 21 (2023)</b>	6:31 am - 7:38 pm	13:07:29	-17m 6s	
<b>Sep 22 (2023)</b>	6:39 am - 7:30 pm	12:50:27	-17m 1s	
<b>Sep 23 (2023)</b>	6:47 am - 7:21 pm	12:33:29	-16m 58s	
<b>Sep 24 (2023)</b>	6:55 am - 7:12 pm	12:16:34	-16m 55s	17m 9s

## Daylight-length rate comparison

<b>Murmansk, Russia</b>				
Northern (Arctic Circle)				
<a href="https://www.timeanddate.com/sun/russia/murmansk?month=12&amp;year=2022">https://www.timeanddate.com/sun/russia/murmansk?month=12&amp;year=2022</a> using their data so accuracy is "assumed"				
Date	Sunrise - Sunset	Day-length	Change	average
Dec 18 (2022)	Down all day	-	-	
Dec 19 (2022)	Down all day	-	-	
Dec 20 (2022)	Down all day	-	-	
Dec 21 (2022)	Down all day	-	-	
Dec 22 (2022)	Down all day	-	-	
Dec 23 (2022)	Down all day	-	-	
Dec 24 (2022)	Down all day	-	-	0d
Mar 18 (2023)	6:57 am - 6:55 pm	11:57:59	+8m 13s	
Mar 19 (2023)	6:53 am - 6:59 pm	12:06:13	+8m 13s	
Mar 20 (2023)	6:49 am - 7:03 pm	12:14:27	+8m 13s	
Mar 21 (2023)	6:44 am - 7:07 pm	12:22:40	+8m 13s	
Mar 22 (2023)	6:40 am - 7:11 pm	12:30:54	+8m 13s	
Mar 23 (2023)	6:35 am - 7:15 pm	12:39:09	+8m 14s	
Mar 24 (2023)	6:31 am - 7:18 pm	12:47:23	+8m 14s	+8m 13s
Jun 18 (2023)	Up all day	-	-	
Jun 19 (2023)	Up all day	-	-	
Jun 20 (2023)	Up all day	-	-	
Jun 21 (2023)	Up all day	-	-	
Jun 22 (2023)	Up all day	-	-	
Jun 23 (2023)	Up all day	-	-	
Jun 24 (2023)	Up all day	-	-	0d
Sep 18 (2023)	6:11 am - 7:09 pm	12:57:55	-8m 8s	
Sep 19 (2023)	6:15 am - 7:05 pm	12:49:47	-8m 7s	
Sep 20 (2023)	6:19 am - 7:01 pm	12:41:40	-8m 6s	
Sep 21 (2023)	6:23 am - 6:56 pm	12:33:33	-8m 6s	
Sep 22 (2023)	6:26 am - 6:52 pm	12:25:27	-8m 6s	
Sep 23 (2023)	6:30 am - 6:47 pm	12:17:21	-8m 6s	
Sep 24 (2023)	6:34 am - 6:43 pm	12:09:15	-8m 5s	8m 6s

## Daylight-length rate comparison

<b>Shajapur, Madhya Pradesh, India</b>				
Tropic of Cancer				
<a href="https://www.timeanddate.com/sun/india/shajapur?month=12&amp;year=2022">https://www.timeanddate.com/sun/india/shajapur?month=12&amp;year=2022</a> using their data so accuracy is "assumed"				
Date	Sunrise - Sunset	Day-length	Change	average
Dec 18 (2022)	7:00 am - 5:42 pm	10:41:53	-7s	
Dec 19 (2022)	7:00 am - 5:42 pm	10:41:53	-5s	
Dec 20 (2022)	7:01 am - 5:43 pm	10:41:43	-4s	
Dec 21 (2022)	7:01 am - 5:43 pm	10:41:41	-2s	
Dec 22 (2022)	7:02 am - 5:44 pm	10:41:41	>1s	
Dec 23 (2022)	7:02 am - 5:44 pm	10:41:43	+1s	
Dec 24 (2022)	7:03 am - 5:45 pm	10:41:46	+3s	3s
Mar 18 (2023)	6:31 am - 6:34 pm	12:03:02	+1m 22s	
Mar 19 (2023)	6:30 am - 6:35 pm	12:04:54	+1m 22s	
Mar 20 (2023)	6:29 am - 6:35 pm	12:06:16	+1m 22s	
Mar 21 (2023)	6:28 am - 6:36 pm	12:07:38	+1m 22s	
Mar 22 (2023)	6:27 am - 6:36 pm	12:09:01	+1m 22s	
Mar 23 (2023)	6:26 am - 6:36 pm	12:10:23	+1m 22s	
Mar 24 (2023)	6:25 am - 6:37 pm	12:11:45	+1m 22s	1m 22s
Jun 18 (2023)	5:38 am - 7:13 pm	13:34:33	+6s	
Jun 19 (2023)	5:38 am - 7:13 pm	13:34:38	+5s	
Jun 20 (2023)	5:39 am - 7:13 pm	13:34:42	+3s	
Jun 21 (2023)	5:39 am - 7:13 pm	13:34:43	+1s	
Jun 22 (2023)	5:39 am - 7:14 pm	13:34:43	<1s	
Jun 23 (2023)	5:39 am - 7:14 pm	13:34:41	-2s	
Jun 24 (2023)	5:39 am - 7:14 pm	13:34:37	-3s	3s
Sep 18 (2023)	6:12 am - 6:25 pm	12:13:47	-1m 20s	
Sep 19 (2023)	6:12 am - 6:24 pm	12:12:26	-1m 20s	
Sep 20 (2023)	6:12 am - 6:23 pm	12:11:05	-1m 20s	
Sep 21 (2023)	6:13 am - 6:22 pm	12:09:44	-1m 20s	
Sep 22 (2023)	6:13 am - 6:21 pm	12:08:24	-1m 20s	
Sep 23 (2023)	6:13 am - 6:20 pm	12:07:03	-1m 20s	
Sep 24 (2023)	6:14 am - 6:19 pm	12:05:42	-1m 20s	1m 20s

## Daylight-length rate comparison

<b>Mazatlan, Mexico</b>				
Tropic of Cancer				
<a href="https://www.timeanddate.com/sun/mexico/mazatlan?month=12&amp;year=2022">https://www.timeanddate.com/sun/mexico/mazatlan?month=12&amp;year=2022</a> using their data so accuracy is "assumed"				
Date	Sunrise - Sunset	Day-length	Change	average
Dec 18 (2022)	6:41 am - 5:23 pm	10:42:40	-6s	
Dec 19 (2022)	6:31 am - 5:24 pm	10:42:35	-4s	
Dec 20 (2022)	6:42 am - 5:24 pm	10:42:32	-3s	
Dec 21 (2022)	6:42 am - 5:24 pm	10:42:31	-1s	
Dec 22 (2022)	6:43 am - 5:25 pm	10:42:31	<1s	
Dec 23 (2022)	6:43 am - 5:26 pm	10:42:34	+2s	
Dec 24 (2022)	6:44 am - 5:26 pm	10:42:39	+4s	3s
Mar 18 (2023)	6:11 am - 6:15 pm	12:04:15	+1m 21s	
Mar 19 (2023)	6:10 am - 6:16 pm	12:05:36	+1m 21s	
Mar 20 (2023)	6:09 am - 6:16 pm	12:06:57	+1m 21s	
Mar 21 (2023)	6:08 am - 6:17 pm	12:08:19	+1m 21s	
Mar 22 (2023)	6:07 am - 6:17 pm	12:09:40	+1m 21s	
Mar 23 (2023)	6:06 am - 6:17 pm	12:11:01	+1m 21s	
Mar 24 (2023)	6:05 am - 6:18 pm	12:12:22	+1m 21s	1m 21s
Jun 18 (2023)	5:19 am - 6:53 pm	13:33:44	+5s	
Jun 19 (2023)	5:20 am - 6:54 pm	13:33:49	+4s	
Jun 20 (2023)	5:20 am - 6:54 pm	13:33:51	+2s	
Jun 21 (2023)	5:20 am - 6:54 pm	13:33:51	<1s	
Jun 22 (2023)	5:20 am - 6:54 pm	13:33:50	-1s	
Jun 23 (2023)	5:21 am - 6:54 pm	13:33:47	-2s	
Jun 24 (2023)	5:21 am - 6:55 pm	13:33:42	-4s	3s
Sep 18 (2023)	5:53 am - 6:06 pm	12:13:01	-1m 19s	
Sep 19 (2023)	5:53 am - 6:05 pm	12:11:42	-1m 19s	
Sep 20 (2023)	5:53 am - 6:04 pm	12:10:22	-1m 19s	
Sep 21 (2023)	5:54 am - 6:03 pm	12:09:02	-1m 19s	
Sep 22 (2023)	5:54 am - 6:02 pm	12:07:42	-1m 20s	
Sep 23 (2023)	5:54 am - 6:01 pm	12:06:22	-1m 20s	
Sep 24 (2023)	5:54 am - 6:00 pm	12:05:02	-1m 20s	1m 20s



## Daylight-length rate comparison

<b>Havana, Cuba</b>				
Tropic of Cancer				
<a href="https://www.timeanddate.com/sun/cuba/havana?month=12&amp;year=2022">https://www.timeanddate.com/sun/cuba/havana?month=12&amp;year=2022</a> using their data so accuracy is "assumed"				
Date	Sunrise - Sunset	Day-length	Change	average
Dec 18 (2022)	7:04 am - 5:47 pm	10:43:00	-6s	
Dec 19 (2022)	7:05 am - 5:48 pm	10:42:55	-5s	
Dec 20 (2022)	7:05 am - 5:48 pm	10:42:52	-3s	
Dec 21 (2022)	7:06 am - 5:49 pm	10:42:51	-1s	
Dec 22 (2022)	7:06 am - 5:49 pm	10:42:52	<1s	
Dec 23 (2022)	7:07 am - 5:50 pm	10:42:54	+2s	
Dec 24 (2022)	7:07 am - 5:50 pm	10:42:59	+4s	3s
Mar 18 (2023)	7:35 am - 7:39 pm	12:04:10	+1m 20s	
Mar 19 (2023)	7:34 am - 7:40 pm	12:05:31	+1m 20s	
Mar 20 (2023)	7:33 am - 7:40 pm	12:06:52	+1m 20s	
Mar 21 (2023)	7:32 am - 7:40 pm	12:08:13	+1m 20s	
Mar 22 (2023)	7:31 am - 7:31 pm	12:09:34	+1m 20s	
Mar 23 (2023)	7:30 am - 7:41 pm	12:10:55	+1m 20s	
Mar 24 (2023)	7:29 am - 7:42 pm	12:12:16	+1m 20s	1m 20s
Jun 18 (2023)	6:34 am - 7:17 pm	13:33:23	+5s	
Jun 19 (2023)	6:44 am - 8:17 pm	13:33:27	+4s	
Jun 20 (2023)	6:44 am - 8:17 pm	13:33:30	+2s	
Jun 21 (2023)	6:44 am - 8:18 pm	13:33:30	<1s	
Jun 22 (2023)	6:44 am - 8:18 pm	13:33:29	-1s	
Jun 23 (2023)	6:44 am - 8:18 pm	13:33:27	-2s	
Jun 24 (2023)	6:45 am - 8:18 pm	13:33:22	-4s	3s
Sep 18 (2023)	7:16 am - 7:29 pm	12:13:05	-1m 19s	
Sep 19 (2023)	7:17 am - 7:28 pm	12:11:46	-1m 19s	
Sep 20 (2023)	7:17 am - 7:27 pm	12:10:26	-1m 19s	
Sep 21 (2023)	7:17 am - 7:26 pm	12:09:06	-1m 19s	
Sep 22 (2023)	7:18 am - 7:25 pm	12:07:46	-1m 19s	
Sep 23 (2023)	7:18 am - 7:24 pm	12:06:27	-1m 19s	
Sep 24 (2023)	7:18 am - 7:23 pm	12:05:07	-1m 19s	1m 19s

## Daylight-length rate comparison

<b>Fuerte Amador, Panama</b>				
Equator				
<a href="https://www.timeanddate.com/sun/@3709449?month=12&amp;year=2022">https://www.timeanddate.com/sun/@3709449?month=12&amp;year=2022</a> using their data so accuracy is "assumed"				
Date	Sunrise - Sunset	Day-length	Change	average
<b>Dec 18 (2022)</b>	6:26 am - 6:03 pm	11:36:23	-2s	
<b>Dec 19 (2022)</b>	6:27 am - 6:03 pm	11:36:21	-1s	
<b>Dec 20 (2022)</b>	6:27 am - 6:04 pm	11:36:20	-1s	
<b>Dec 21 (2022)</b>	6:28 am - 6:04 pm	11:36:20	<1s	
<b>Dec 22 (2022)</b>	6:28 am - 6:05 pm	11:36:20	<1s	
<b>Dec 23 (2022)</b>	6:29 am - 6:05 pm	11:36:21	<1s	
<b>Dec 24 (2022)</b>	6:29 am - 6:06 pm	11:36:23	+1s	<1s
<b>Mar 18 (2023)</b>	6:23 am - 6:29 pm	12:05:30	+29s	
<b>Mar 19 (2023)</b>	6:23 am - 6:29 pm	12:06:00	+29s	
<b>Mar 20 (2023)</b>	6:22 am - 6:28 pm	12:06:30	+29s	
<b>Mar 21 (2023)</b>	6:21 am - 6:28 pm	12:06:59	+29s	
<b>Mar 22 (2023)</b>	6:21 am - 6:28 pm	12:07:29	+29s	
<b>Mar 23 (2023)</b>	6:20 am - 6:28 pm	12:07:59	+29s	
<b>Mar 24 (2023)</b>	6:20 am - 6:28 pm	12:08:29	+29s	29s
<b>Jun 18 (2023)</b>	6:00 am - 6:38 pm	12:38:39	+1s	
<b>Jun 19 (2023)</b>	6:00 am - 6:38 pm	12:38:41	+1s	
<b>Jun 20 (2023)</b>	6:00 am - 6:39 pm	12:38:42	<1s	
<b>Jun 21 (2023)</b>	6:00 am - 6:39 pm	12:38:42	<1s	
<b>Jun 22 (2023)</b>	6:00 am - 6:39 pm	12:48:42	<1s	
<b>Jun 23 (2023)</b>	6:01 am - 6:39 pm	12:48:41	-1s	
<b>Jun 24 (2023)</b>	6:01 am - 6:39 pm	12:38:39	-1s	1s
<b>Sep 18 (2023)</b>	6:07 am - 6:16 pm	12:08:46	-29s	
<b>Sep 19 (2023)</b>	6:07 am - 6:16 pm	12:08:16	-29s	
<b>Sep 20 (2023)</b>	6:07 am - 6:15 pm	12:07:47	-29s	
<b>Sep 21 (2023)</b>	6:07 am - 6:14 pm	12:07:18	-29s	
<b>Sep 22 (2023)</b>	6:07 am - 6:14 pm	12:06:49	-29s	
<b>Sep 23 (2023)</b>	6:07 am - 6:13 pm	12:06:19	-29s	
<b>Sep 24 (2023)</b>	6:07 am - 6:13 pm	12:05:50	-29s	29s

## Daylight-length rate comparison

<b>Singapore, Singapore</b>				
Equator				
<a href="https://www.timeanddate.com/sun/singapore/singapore?month=12&amp;year=2022">https://www.timeanddate.com/sun/singapore/singapore?month=12&amp;year=2022</a> using their data so accuracy is "assumed"				
Date	Sunrise - Sunset	Day-length	Change	average
<b>Dec 18 (2022)</b>	6:59 am - 7:02 pm	12:03:04	<1s	
<b>Dec 19 (2022)</b>	6:59 am - 7:03 pm	12:03:04	<1s	
<b>Dec 20 (2022)</b>	7:00 am - 7:03 pm	12:03:04	<1s	
<b>Dec 21 (2022)</b>	7:00 am - 7:04 pm	12:03:04	<1s	
<b>Dec 22 (2022)</b>	7:01 am - 7:04 pm	12:03:04	<1s	
<b>Dec 23 (2022)</b>	7:01 am - 7:05 pm	12:03:04	<1s	
<b>Dec 24 (2022)</b>	7:02 am - 7:05 pm	12:03:04	<1s	<1s
<b>Mar 18 (2023)</b>	7:09 am - 7:15 pm	12:06:19	+4s	
<b>Mar 19 (2023)</b>	7:09 am - 7:15 pm	12:06:23	+4s	
<b>Mar 20 (2023)</b>	7:08 am - 7:15 pm	12:06:27	+4s	
<b>Mar 21 (2023)</b>	7:08 am - 7:15 pm	12:06:31	+4s	
<b>Mar 22 (2023)</b>	7:08 am - 7:14 pm	12:06:35	+4s	
<b>Mar 23 (2023)</b>	7:07 am - 7:14 pm	12:06:40	+4s	
<b>Mar 24 (2023)</b>	7:07 am - 7:14 pm	12:06:44	+4s	+4s
<b>Jun 18 (2023)</b>	6:59 am - 7:11 pm	12:11:45	<1s	
<b>Jun 19 (2023)</b>	6:59 am - 7:11 pm	12:11:45	<1s	
<b>Jun 20 (2023)</b>	7:00 am - 7:11 pm	12:11:46	<1s	
<b>Jun 21 (2023)</b>	7:00 am - 7:12 pm	12:11:46	<1s	
<b>Jun 22 (2023)</b>	7:00 am - 7:12 pm	12:11:46	<1s	
<b>Jun 23 (2023)</b>	7:00 am - 7:12 pm	12:11:45	<1s	
<b>Jun 24 (2023)</b>	7:01 am - 7:12 pm	12:11:45	<1s	<1s
<b>Sep 18 (2023)</b>	6:55 am - 7:02 pm	12:06:48	-4s	
<b>Sep 19 (2023)</b>	6:55 am - 7:01 pm	12:06:44	-4s	
<b>Sep 20 (2023)</b>	6:54 am - 7:01 pm	12:07:40	-4s	
<b>Sep 21 (2023)</b>	6:54 am - 7:01 pm	12:06:36	-4s	
<b>Sep 22 (2023)</b>	6:54 am - 7:00 pm	12:06:31	-4s	
<b>Sep 23 (2023)</b>	6:53 am - 7:00 pm	12:06:27	-4s	
<b>Sep 24 (2023)</b>	6:53 am - 6:59 pm	12:06:23	-4s	4s

## Daylight-length rate comparison

<b>São Tomé, São Tomé and Príncipe</b>				
Equator				
<a href="https://www.timeanddate.com/sun/sao-tome-and-principe/sao-tome?month=12&amp;year=2022">https://www.timeanddate.com/sun/sao-tome-and-principe/sao-tome?month=12&amp;year=2022</a> using their data so accuracy is "assumed"				
Date	Sunrise - Sunset	Day-length	Change	average
Dec 18 (2022)	5:26 am - 5:32 pm	12:06:21	<1s	
Dec 19 (2022)	5:26 am - 5:33 pm	12:06:21	<1s	
Dec 20 (2022)	5:27 am - 5:33 pm	12:06:21	<1s	
Dec 21 (2022)	5:27 am - 5:34 pm	12:06:21	<1s	
Dec 22 (2022)	5:28 am - 5:34 pm	12:06:21	<1s	
Dec 23 (2022)	5:28 am - 5:35 pm	12:06:21	<1s	
Dec 24 (2022)	5:29 am - 5:35 pm	12:06:21	<1s	<1s
Mar 18 (2023)	5:37 am - 5:44 pm	12:06:27	<1s	
Mar 19 (2023)	5:37 am - 5:44 pm	12:06:28	<1	
Mar 20 (2023)	5:37 am - 5:43 pm	12:06:29	+1s	
Mar 21 (2023)	5:37 am - 5:43 pm	12:06:30	+1s	
Mar 22 (2023)	5:36 am - 5:43 pm	12:06:31	+1s	
Mar 23 (2023)	5:36 am - 5:42 pm	12:06:32	+1s	
Mar 24 (2023)	5:36 am - 5:42 pm	12:06:34	+1s	1s
Jun 18 (2023)	5:29 am - 5:38 pm	12:08:29	<1s	
Jun 19 (2023)	5:30 am - 5:38 pm	12:08:29	<1s	
Jun 20 (2023)	5:30 am - 5:38 pm	12:08:29	<1s	
Jun 21 (2023)	5:30 am - 5:39 pm	12:08:29	<1s	
Jun 22 (2023)	5:30 am - 5:39 pm	12:08:29	<1s	
Jun 23 (2023)	5:31 am - 5:39 pm	12:08:29	<1s	
Jun 24 (2023)	5:31 am - 5:39 pm	12:08:29	<1s	<1s
Sep 18 (2023)	5:24 am - 5:30 pm	12:06:32	-1s	
Sep 19 (2023)	5:23 am - 5:30 pm	12:06:31	-1s	
Sep 20 (2023)	5:23 am - 5:29 pm	12:06:30	-1s	
Sep 21 (2023)	5:23 am - 5:29 pm	12:06:29	-1s	
Sep 22 (2023)	5:22 am - 5:29 pm	12:06:28	-1s	
Sep 23 (2023)	5:22 am - 5:28 pm	12:06:27	-1s	
Sep 24 (2023)	5:21 am - 5:28 pm	12:06:26	<1s	1s

## Daylight-length rate comparison

<b>Cape Capricorn, Queensland, Aus.</b>				
Capricorn				
<a href="https://www.timeanddate.com/sun/@2172402?month=12&amp;year=2022">https://www.timeanddate.com/sun/@2172402?month=12&amp;year=2022</a> using their data so accuracy is "assumed"				
Date	Sunrise - Sunset	Day-length	Change	average
Dec 18 (2022)	5:03 am - 6:38 pm	13:34:59	+8s	
Dec 19 (2022)	5:04 am - 6:39 pm	13:35:05	+6s	
Dec 20 (2022)	5:04 am - 6:39 pm	13:35:10	+4s	
Dec 21 (2022)	5:05 am - 6:40 pm	13:35:13	+2s	
Dec 22 (2022)	5:05 am - 6:40 pm	13:35:14	<1s	
Dec 23 (2022)	5:06 am - 6:41 pm	13:35:12	-1s	
Dec 24 (2022)	5:06 am - 6:41 pm	13:35:09	-3s	3s
Mar 18 (2023)	5:57 am - 6:08 pm	12:10:58	-1m 22s	
Mar 19 (2023)	5:58 am - 6:07 pm	12:09:35	-1m 22s	
Mar 20 (2023)	5:58 am - 6:06 pm	12:08:12	-1m 22s	
Mar 21 (2023)	5:58 am - 6:05 pm	12:06:50	-1m 22s	
Mar 22 (2023)	5:59 am - 6:04 pm	12:05:27	-1m 22s	
Mar 23 (2023)	5:59 am - 6:03 pm	12:04:05	-1m 22s	
Mar 24 (2023)	5:59 am - 6:02 pm	12:02:43	-1m 22s	1m 22s
Jun 18 (2023)	6:35 am - 5:16 pm	10:41:23	-6s	
Jun 19 (2023)	6:35 am - 5:16 pm	10:41:18	-5s	
Jun 20 (2023)	6:35 am - 5:17 pm	10:41:15	-3s	
Jun 21 (2023)	6:36 am - 5:17 pm	10:41:13	-1s	
Jun 22 (2023)	6:36 am - 5:17 pm	10:41:13	<1s	
Jun 23 (2023)	6:36 am - 5:17 pm	10:41:14	+1s	
Jun 24 (2023)	6:36 am - 5:18 pm	10:41:18	3	3s
Sep 18 (2023)	5:49 am - 5:49 pm	12:00:01	+1m 20s	
Sep 19 (2023)	5:48 am - 5:49 pm	12:01:22	+1m 20s	
Sep 20 (2023)	5:47 am - 5:50 pm	12:02:43	+1m 20s	
Sep 21 (2023)	5:46 am - 5:50 pm	12:04:04	+1m 20s	
Sep 22 (2023)	5:45 am - 5:50 pm	12:05:25	+1m 20s	
Sep 23 (2023)	5:44 am - 5:51 pm	12:06:46	+1m 21s	
Sep 24 (2023)	5:43 am - 5:51 pm	12:08:07	+1m 21s	1m 20s

## Daylight-length rate comparison

<b>Sorocaba, São Paulo, Brazil</b>				
Capricorn				
<a href="https://www.timeanddate.com/sun/@3398389?month=12&amp;year=2022">https://www.timeanddate.com/sun/@3398389?month=12&amp;year=2022</a> using their data so accuracy is "assumed"				
Date	Sunrise - Sunset	Day-length	Change	average
Dec 18 (2022)	5:18 am - 6:54 pm	13:35:07	+7s	
Dec 19 (2022)	5:19 am - 6:54 pm	13:35:13	+5s	
Dec 20 (2022)	5:19 am - 6:55 pm	13:35:16	+3s	
Dec 21 (2022)	5:20 am - 6:55 pm	13:35:18	+1s	
Dec 22 (2022)	5:20 am - 6:56 pm	13:35:17	<1s	
Dec 23 (2022)	5:21 am - 6:56 pm	13:35:15	-2s	
Dec 24 (2022)	5:21 am - 6:57 pm	13:35:10	-4s	3s
Mar 18 (2023)	6:12 am - 6:22 pm	12:10:12	-1m 22s	
Mar 19 (2023)	6:13 am - 6:21 pm	12:08:50	-1m 22s	
Mar 20 (2023)	6:13 am - 6:20 pm	12:07:27	-1m 22s	
Mar 21 (2023)	6:13 am - 6:19 pm	12:06:04	-1m 22s	
Mar 22 (2023)	6:14 am - 6:18 pm	12:04:42	-1m 22s	
Mar 23 (2023)	6:14 am - 6:17 pm	12:03:19	-1m 22s	
Mar 24 (2023)	6:14 am - 6:16 pm	12:01:57	-1m 22s	1m 22s
Jun 18 (2023)	6:50 am - 5:31 pm	10:41:16	-5s	
Jun 19 (2023)	6:50 am - 5:31 pm	10:41:12	-4s	
Jun 20 (2023)	6:50 am - 5:31 pm	10:41:09	-2s	
Jun 21 (2023)	6:51 am - 5:32 pm	10:41:09	<1s	
Jun 22 (2023)	6:51 am - 5:32 pm	10:41:09	<1s	
Jun 23 (2023)	6:51 am - 5:32 pm	10:41:09	+2s	
Jun 24 (2023)	6:51 am - 5:32 pm	10:41:16	+4s	2s
Sep 18 (2023)	6:03 am - 6:04 pm	12:00:45	+1m 20s	
Sep 19 (2023)	6:02 am - 6:04 pm	12:02:06	+1m 21s	
Sep 20 (2023)	6:01 am - 6:05 pm	12:03:27	+1m 21s	
Sep 21 (2023)	6:00 am - 6:05 pm	12:04:48	+1m 21s	
Sep 22 (2023)	5:59 am - 6:05 pm	12:06:09	+1m 21s	
Sep 23 (2023)	5:58 am - 6:06 pm	12:07:31	+1m 21s	
Sep 24 (2023)	5:57 am - 6:06 pm	12:08:52	+1m 21s	1m 21s

## Daylight-length rate comparison

<b>Capricorn District Municipality, Limpopo, S. Africa</b>				
Capricorn				
<a href="https://www.timeanddate.com/sun/@8347346?month=12&amp;year=2022">https://www.timeanddate.com/sun/@8347346?month=12&amp;year=2022</a> using their data so accuracy is "assumed"				
Date	Sunrise - Sunset	Day-length	Change	average
Dec 18 (2022)	5:12 am - 6:47 pm	13:35:00	+8s	
Dec 19 (2022)	5:12 am - 6:47 pm	13:35:06	+6s	
Dec 20 (2022)	5:13 am - 6:48 pm	13:35:10	+4s	
Dec 21 (2022)	5:13 am - 6:48 pm	13:35:10	+4s	
Dec 22 (2022)	5:14 am - 6:49 pm	13:35:13	<1s	
Dec 23 (2022)	5:14 am - 6:49 pm	13:35:11	-2s	
Dec 24 (2022)	5:15 am - 6:50 pm	13:35:06	-4s	4s
Mar 18 (2023)	6:05 am - 6:16 pm	12:10:30	-1m 22s	
Mar 19 (2023)	6:06 am - 6:15 pm	12:09:07	-1m 22s	
Mar 20 (2023)	6:06 am - 6:14 pm	12:07:44	-1m 22s	
Mar 21 (2023)	6:07 am - 6:13 pm	12:06:22	-1m 22s	
Mar 22 (2023)	6:07 am - 6:12 pm	12:04:59	-1m 22s	
Mar 23 (2023)	6:07 am - 6:11 pm	12:03:37	-1m 22s	
Mar 24 (2023)	6:08 am - 6:10 pm	12:02:15	-1m 22s	1m 22s
Jun 18 (2023)	6:43 am - 5:25 pm	10:41:22	-6s	
Jun 19 (2023)	6:43 am - 5:25 pm	10:41:18	-4s	
Jun 20 (2023)	6:44 am - 5:25 pm	10:41:15	-2s	
Jun 21 (2023)	6:44 am - 5:25 pm	10:41:14	-1s	
Jun 22 (2023)	6:44 am - 5:25 pm	10:41:14	+2s	
Jun 23 (2023)	6:44 am - 5:26 pm	10:41:16	+2s	
Jun 24 (2023)	6:45 am - 5:26 pm	10:41:20	+3s	3s
Sep 18 (2023)	5:57 am - 5:57 pm	12:00:28	+1m 20s	
Sep 19 (2023)	5:56 am - 5:58 pm	12:01:49	+1m 20s	
Sep 20 (2023)	5:55 am - 5:58 pm	12:03:10	+1m 20s	
Sep 21 (2023)	5:54 am - 5:58 pm	12:04:31	+1m 21s	
Sep 22 (2023)	5:53 am - 5:59 pm	12:05:52	+1m 21s	
Sep 23 (2023)	5:52 am - 5:59 pm	12:07:13	+1m 21s	
Sep 24 (2023)	5:51 am - 5:59 pm	12:08:35	+1m 21s	1m 21s

## Daylight-length rate comparison

<b>Melbourne, Australia</b>				
Southern				
<a href="https://www.timeanddate.com/sun/australia/melbourne?month=12&amp;year=2022">https://www.timeanddate.com/sun/australia/melbourne?month=12&amp;year=2022</a> using their data so accuracy is "assumed"				
Date	Sunrise - Sunset	Day-length	Change	average
<b>Dec 18 (2022)</b>	5:53 am - 8:40 pm	14:46:56	+16s	
<b>Dec 19 (2022)</b>	5:53 am - 8:40 pm	14:47:09	+12s	
<b>Dec 20 (2022)</b>	5:53 am - 8:41 pm	14:47:18	+8s	
<b>Dec 21 (2022)</b>	5:54 am - 8:41 pm	14:47:23	+5s	
<b>Dec 22 (2022)</b>	5:54 am - 8:42 pm	14:47:24	+1s	
<b>Dec 23 (2022)</b>	5:55 am - 8:43 pm	14:47:21	-2s	
<b>Dec 24 (2022)</b>	5:55 am - 8:43 pm	14:47:15	-6s	7s
<b>Mar 18 (2023)</b>	7:20 am - 7:35 pm	12:15:07	-2m 27s	
<b>Mar 19 (2023)</b>	7:21 am - 7:34 pm	12:12:40	-2m 27s	
<b>Mar 20 (2023)</b>	7:00 am - 7:32 pm	12:10:12	-2m 27s	
<b>Mar 21 (2023)</b>	7:23 am - 7:31 pm	12:07:45	-2m 27s	
<b>Mar 22 (2023)</b>	7:24 am - 7:29 pm	12:05:18	-2m 27s	
<b>Mar 23 (2023)</b>	7:25 am - 7:28 pm	12:02:50	-2m 27s	
<b>Mar 24 (2023)</b>	7:26 am - 7:26 pm	12:00:23	-2m 26s	2m 27s
<b>Jun 18 (2023)</b>	7:34 am - 5:07 pm	9:32:46	-12s	
<b>Jun 19 (2023)</b>	7:35 am - 5:07 pm	9:32:37	-9s	
<b>Jun 20 (2023)</b>	7:35 am - 5:07 pm	9:32:30	-6s	
<b>Jun 21 (2023)</b>	7:35 am - 5:08 pm	9:32:27	-3s	
<b>Jun 22 (2023)</b>	7:35 am - 5:08 pm	9:32:27	<1s	
<b>Jun 23 (2023)</b>	7:36 am - 5:08 pm	9:32:30	+3s	
<b>Jun 24 (2023)</b>	7:36 am - 5:08 pm	9:32:36	+6s	6s
<b>Sep 18 (2023)</b>	6:16 am - 6:12 pm	11:55:42	+2m 24s	
<b>Sep 19 (2023)</b>	6:15 am - 6:13 pm	11:58:06	+2m 24s	
<b>Sep 20 (2023)</b>	6:13 am - 6:14 pm	12:00:30	+2m 24s	
<b>Sep 21 (2023)</b>	6:12 am - 6:15 pm	12:02:55	+2m 24s	
<b>Sep 22 (2023)</b>	6:10 am - 6:16 pm	12:05:20	+2m 24s	
<b>Sep 23 (2023)</b>	6:09 am - 6:16 pm	12:07:45	+2m 24s	
<b>Sep 24 (2023)</b>	6:07 am - 6:17 pm	12:10:10	+2m 25s	2m 24s



## Daylight-length rate comparison

<b>Bailey Peninsula, Antarctica</b>				
Southern				
<a href="https://www.timeanddate.com/sun/@6636168?month=12&amp;year=2022">https://www.timeanddate.com/sun/@6636168?month=12&amp;year=2022</a> using their data so accuracy is "assumed"				
Date	Sunrise - Sunset	Day-length	Change	average
Dec 18 (2022)	Up all day	1d	-	
Dec 19 (2022)	Up all day	1d	-	
Dec 20 (2022)	Up all day	1d	-	
Dec 21 (2022)	Up all day	1d	-	
Dec 22 (2022)	Up all day	1d	-	
Dec 23 (2022)	Up all day	1d	-	
Dec 24 (2022)	Up all day	1d	-	0
Mar 18 (2023)	5:27 am - 6:03 pm	12:35:50	-7m 14s	
Mar 19 (2023)	5:30 am - 5:59 pm	12:28:37	-7m 13s	
Mar 20 (2023)	5:33 am - 5:55 pm	12:21:24	-7m 13s	
Mar 21 (2023)	5:37 am - 5:51 pm	12:14:11	-7m 12s	
Mar 22 (2023)	5:40 am - 5:47 pm	12:06:59	-7m 11s	
Mar 23 (2023)	5:43 am - 5:43 pm	11:59:48	-7m 11s	
Mar 24 (2023)	5:47 am - 5:39 pm	11:52:37	-7m 11s	7m 11s
Jun 18 (2023)	10:23 am - 12:54 pm	2:31:22	-1m 47s	
Jun 19 (2023)	10:24 am - 12:54 pm	2:30:01	-1m 20s	
Jun 20 (2023)	10:24 am - 12:54 pm	2:29:08	-53s	
Jun 21 (2023)	10:25 am - 12:54 pm	2:28:42	-26s	
Jun 22 (2023)	10:25 am - 12:54 pm	2:28:44	+1s	
Jun 23 (2023)	10:25 am - 12:54 pm	2:29:13	+29s	
Jun 24 (2023)	10:25 am - 12:55 pm	2:30:11	+57s	50s
Sep 18 (2023)	5:42 am - 5:23 pm	11:40:16	+7m 3s	
Sep 19 (2023)	5:39 am - 5:26 pm	11:47:20	+7m 3s	
Sep 20 (2023)	5:35 am - 5:29 pm	11:54:24	+7m 3s	
Sep 21 (2023)	5:31 am - 5:32 pm	12:01:28	+7m 4s	
Sep 22 (2023)	5:27 am - 5:35 pm	12:08:33	+7m 4s	
Sep 23 (2023)	5:23 am - 5:39 pm	12:15:38	+7m 5s	
Sep 24 (2023)	5:19 am - 5:42 pm	12:22:44	+7m 5s	7m 4s

## Daylight-length rate comparison

<b>Point Alden, Antarctica</b>				
Southern				
<a href="https://www.timeanddate.com/sun/@6630341?month=12&amp;year=2022">https://www.timeanddate.com/sun/@6630341?month=12&amp;year=2022</a> using their data so accuracy is "assumed"				
Date	Sunrise - Sunset	Day-length	Change	average
Dec 18 (2022)	Up all day	1d	-	
Dec 19 (2022)	Up all day	1d	-	
Dec 20 (2022)	Up all day	1d	-	
Dec 21 (2022)	Up all day	1d	-	
Dec 22 (2022)	Up all day	1d	-	
Dec 23 (2022)	Up all day	1d	-	
Dec 24 (2022)	Up all day	1d	-	0
Mar 18 (2023)	6:20 am - 6:57 pm	12:37:19	-7m 25s	
Mar 19 (2023)	6:23 am - 6:53 pm	12:29:55	-7m 24s	
Mar 20 (2023)	6:27 am - 6:49 pm	12:22:31	-7m 23s	
Mar 21 (2023)	6:30 am - 6:45 pm	12:15:07	-7m 23s	
Mar 22 (2023)	6:30 am - 6:41 pm	12:07:45	-7m 22s	
Mar 23 (2023)	6:37 am - 6:37 pm	12:00:22	-7m 22s	
Mar 24 (2023)	6:40 am - 6:33 pm	11:53:01	-7m 21s	7m 23s
Jun 18 (2023)	11:36 am - 1:29 pm	1:53:23	-2m 28s	
Jun 19 (2023)	11:37 am - 1:28 pm	1:51:29	-1m 53s	
Jun 20 (2023)	11:38 am - 1:28 pm	1:50:12	-1m 17s	
Jun 21 (2023)	11:38 am - 1:28 pm	1:49:33	-39s	
Jun 22 (2023)	11:39 am - 1:28 pm	1:49:32	<1s	
Jun 23 (2023)	11:38 am - 1:29 pm	1:50:10	+37s	
Jun 24 (2023)	11:38 am - 1:29 pm	1:51:25	+1m 15s	1m 16s
Sep 18 (2023)	6:37 am - 6:16 pm	11:39:05	+7m 13s	
Sep 19 (2023)	6:33 am - 6:19 pm	11:46:19	+7m 14s	
Sep 20 (2023)	6:29 am - 6:23 pm	11:53:33	+7m 14s	
Sep 21 (2023)	6:25 am - 6:26 pm	12:00:48	+7m 14s	
Sep 22 (2023)	6:21 am - 6:29 pm	12:08:04	+7m 15s	
Sep 23 (2023)	6:17 am - 6:33 pm	12:15:19	+7m 15s	
Sep 24 (2023)	6:13 am - 6:36 pm	12:22:36	+7m 16s	7m 14s

## Daylight-length rate comparison

<b>Davis, Antartica</b>				
Southern				
<a href="https://www.timeanddate.com/sun/antarctica/davis?month=12&amp;year=2022">https://www.timeanddate.com/sun/antarctica/davis?month=12&amp;year=2022</a> using their data so accuracy is "assumed"				
Date	Sunrise - Sunset	Day-length	Change	average
Dec 18 (2022)	Up all day	1d	-	
Dec 19 (2022)	Up all day	1d	-	
Dec 20 (2022)	Up all day	1d	-	
Dec 21 (2022)	Up all day	1d	-	
Dec 22 (2022)	Up all day	1d	-	
Dec 23 (2022)	Up all day	1d	-	
Dec 24 (2022)	Up all day	1d	-	0
Mar 18 (2023)	7:35 am - 8:14 pm	12:39:07	-8m 6s	
Mar 19 (2023)	7:39 am - 8:10 pm	12:31:02	-8m 5s	
Mar 20 (2023)	7:43 am - 8:06 pm	12:22:57	-8m 5s	
Mar 21 (2023)	7:46 am - 8:01 pm	12:14:52	-8m 4s	
Mar 22 (2023)	7:50 am - 7:57 pm	12:06:49	-8m 3s	
Mar 23 (2023)	7:54 am - 7:53 pm	11:58:45	-8m 3s	
Mar 24 (2023)	7:58 am - 7:48 pm	11:50:43	-8m 2s	-8m 4s
Jun 18 (2023)	Down all day	0	-	
Jun 19 (2023)	Down all day	0	-	
Jun 20 (2023)	Down all day	0	-	
Jun 21 (2023)	Down all day	0	-	
Jun 22 (2023)	Down all day	0	-	
Jun 23 (2023)	Down all day	0	-	
Jun 24 (2023)	Down all day	0	-	0
Sep 18 (2023)	7:54 am - 7:32 pm	11:38:20	+7m 54s	
Sep 19 (2023)	7:49 am - 7:36 pm	11:46:14	+7m 54s	
Sep 20 (2023)	7:45 am - 7:39 pm	11:54:09	+7m 54s	
Sep 21 (2023)	7:41 am - 7:43 pm	12:02:04	+7m 55s	
Sep 22 (2023)	7:36 am - 7:46 pm	12:10:00	+7m 55s	
Sep 23 (2023)	7:32 am - 7:50 pm	12:17:57	+7m 56s	
Sep 24 (2023)	7:28 am - 7:54 pm	12:25:53	+7m 56s	7m 55s