

Latitude: 70° North

Date	Sunrise (AM)	Sunset (PM)	Day Length
Jan	NONE	NONE	0
Feb	8:14	4:34	8:20
Mar	6:04	6:32	12:28
Apr	3:35	8:46	17:11
May	NONE	NONE	24:00
Jun	NONE	NONE	24:00
Jul	NONE	NONE	24:00
Aug	3:36	8:46	17:10
Sep	5:46	6:17	12:31
Oct	7:49	3:58	8:09
Nov	NONE	NONE	0
Dec	NONE	NONE	0

Tromsø, NORWAY
Prudhoe Bay, ALASKA, USA
Clyde, Baffin Island, CANADA

Latitude: 57° North

Date	Sunrise (AM)	Sunset (PM)	Day Length
Jan	8:28	4:15	7:47
Feb	7:23	5:25	10:02
Mar	6:09	6:26	12:17
Apr	4:50	7:25	14:35
May	3:41	8:24	16:43
Jun	3:15	9:08	17:53
Jul	3:48	8:43	16:55
Aug	4:49	7:35	14:46
Sep	5:53	6:12	12:19
Oct	6:56	4:52	9:56
Nov	8:04	3:47	7:43
Dec	8:47	3:29	6:42

Kodiak, ALASKA, USA
Glasgow, SCOTLAND
Copenhagen, DENMARK
Moscow, RUSSIA

Latitude: 38° North

Date	Sunrise (AM)	Sunset (PM)	Day Length
Jan	7:22	5:21	9:59
Feb	6:52	5:55	11:03
Mar	6:12	6:23	12:11
Apr	5:26	6:51	13:25
May	4:55	7:18	14:23
Jun	4:47	7:36	14:49
Jul	5:04	7:28	14:24
Aug	5:30	6:55	13:25
Sep	5:57	6:08	12:11
Oct	6:24	5:24	11:00
Nov	6:57	4:54	9:57
Dec	7:22	4:54	9:32

USA: San Francisco, CALIFORNIA
Charleston, W. VIRGINIA
Wichita, KANSAS
St. Louis, MISSOURI
Louisville, KENTUCKY
Pueblo, COLORADO
Richmond, VIRGINIA
Sendai, JAPAN
Tientsin, CHINA
Athens, GREECE
Cordoba, SPAIN
Seoul, S. KOREA
Izmir, TURKEY
Palermo, SICILY
Lisbon, PORTUGAL

**6. Days and Nights Around the World:
Seasonal Changes in Number of Hours of Daylight**

All dates are the 21st day of the month

Latitude: 26° North

Date	Sunrise (AM)	Sunset (PM)	Day Length
Jan	6:58	5:44	10:46
Feb	6:41	6:06	11:25
Mar	6:12	6:22	12:10
Apr	5:41	6:36	12:55
May	5:21	6:52	13:31
Jun	5:19	7:05	13:46
Jul	5:30	7:02	13:32
Aug	5:45	6:40	12:55
Sep	5:58	6:07	12:09
Oct	6:12	5:37	11:25
Nov	6:32	5:19	10:47
Dec	6:53	5:23	10:30

Monterey, MEXICO
Kunming, CHINA
Karachi, PAKISTAN
Luxor, EGYPT
Taipei, TAIWAN
Patna, INDIA
Riyadh, SAUDI ARABIA
Wau El Kebir, LIBYA

Latitude: 0°

Date	Sunrise (AM)	Sunset (PM)	Day Length
Jan	6:18	6:25	12:07
Feb	6:20	6:27	12:07
Mar	6:14	6:20	12:06
Apr	6:05	6:12	12:07
May	6:03	6:10	12:07
Jun	6:08	6:15	12:07
Jul	6:13	6:20	12:07
Aug	6:09	6:16	12:07
Sep	6:00	6:06	12:06
Oct	5:51	5:58	12:07
Nov	5:52	5:59	12:07
Dec	6:04	6:12	12:08

Quito, ECUADOR; Nairobi, KENYA;
Singapore, MALAYA

Latitude: 26° South

Date	Sunrise (AM)	Sunset (PM)	Day Length
Jan	5:36	7:06	13:30
Feb	5:59	6:48	12:49
Mar	6:14	6:20	12:06
Apr	6:28	5:48	11:20
May	6:44	5:29	10:45
Jun	6:56	5:27	10:31
Jul	6:54	5:38	10:44
Aug	6:33	5:53	11:20
Sep	6:00	6:05	12:05
Oct	5:29	6:20	12:51
Nov	5:11	6:41	13:30
Dec	5:15	7:01	13:46

Pretoria, SOUTH AFRICA
Curitiba, BRAZIL
Brisbane, AUSTRALIA
Asuncion, PARAGUAY

Latitude: 38° South

Date	Sunrise (AM)	Sunset (PM)	Day Length
Jan	5:11	7:31	14:20
Feb	5:46	7:00	13:14
Mar	6:14	6:20	12:06
Apr	6:42	5:34	10:52
May	7:09	5:04	9:55
Jun	7:26	4:47	9:21
Jul	7:19	5:13	9:54
Aug	6:47	5:39	10:52
Sep	6:01	6:05	12:04
Oct	5:16	6:33	13:17
Nov	4:45	7:07	14:22
Dec	4:44	7:32	14:48

Melbourne, AUSTRALIA
Auckland, NEW ZEALAND
Bahia Blanca, ARGENTINA
Curacautin, CHILE

Latitude: 70° South

Date	Sunrise (AM)	Sunset (PM)	Day Length
Jan	NONE	NONE	24:00
Feb	4:09	8:35	16:26
Mar	6:10	6:21	12:11
Apr	8:19	3:57	7:38
May	NONE	NONE	0
Jun	NONE	NONE	0
Jul	NONE	NONE	0
Aug	8:24	4:03	7:39
Sep	6:00	6:07	12:07
Oct	3:37	8:15	16:38
Nov	NONE	NONE	24:00
Dec	NONE	NONE	24:00

ANTARCTICA

Data generated with Voyager
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Hayward, California