

90°N (NORTH POLE)
EACH YEAR IS JUST ONE DAY-NIGHT CYCLE

ABOVE THIS LINE, AT LEAST ONE DAY EACH YEAR HAS NEITHER
THE SUN EVER RISING NOR THE SKY EVER COMPLETELY DARK

Alert, CANADA

AURORA ZONE

Longyearbyen, NORWAY -
NO SUNRISE OCT 28-FEB 17; NO SUNSET APR 19-AUG 23

Barrow, USA - Hammerfest, NORWAY

ABOVE THIS LINE, AT LEAST ONE DAY EACH YEAR HAS THE SUN
66.5°N (ARCTIC CIRCLE) NEVER SETTING

Murmansk, RUSSIA

ABOVE THIS LINE, AT LEAST ONE DAY EACH YEAR HAS THE SKY
60°N NEVER DARK ENOUGH TO REQUIRE ARTIFICIAL LIGHTING

Iqaluit, CANADA - Reykjavik, ICELAND

Helsinki, FINLAND

Stockholm, SWEDEN

Juneau, USA

Moscow, RUSSIA - Edinburgh, UK - Copenhagen, DENMARK

Edmonton, CANADA

Berlin, GERMANY - Amsterdam, NETHERLANDS - London, UK

ABOVE THIS LINE, AT LEAST ONE DAY EACH YEAR HAS THE SKY
48.5°N NEVER GETTING COMPLETELY DARK

Kyiv, UKRAINE

Vancouver, CANADA - Paris, FRANCE

47°N: SHORTEST NIGHT IS 8 HOURS: PERFECT FOR SLEEP!

Ulanbator, MONGOLIA

Zagreb, CROATIA - Harbin, CHINA

Nice, FRANCE - Almaty, KAZAKHSTAN

Istanbul, TURKEY - Boston, USA - New York, USA

Lisbon, PORTUGAL - Beijing, CHINA - Athens, GREECE - Seoul, SOUTH KOREA

Algiers, ALGERIA - San Francisco, USA - Tehran, IRAN - Tokyo, JAPAN

Aleppo, SYRIA - Los Angeles, USA - Baghdad, IRAQ

Tel Aviv, ISRAEL - Shanghai, CHINA

30°N

Chongqing, CHINA - Houston, USA

Kathmandu, NEPAL - Delhi, INDIA

23.5°N (TROPIC OF CANCER)

Doha, QATAR - Miami, USA - Taipei, TAIWAN

Riyadh, SAUDI ARABIA - Karachi, PAKISTAN

BELOW THIS LINE, AT LEAST ONE DAY EACH YEAR HAS
SHADOWS FROM THE SUN'S LIGHT POINTING SOUTH

Havana, CUBA - Kolkata, INDIA

ALSO BELOW THIS LINE: OPTIMAL AREA IN WHICH
TO GET SKIN CANCER ON THE BEACH

Hanoi, VIETNAM

Mexico City, MEXICO

Mumbai, INDIA

Yangon, MYANMAR

Khartoum, SUDAN

Dakar, SENEGAL

THE TROPICS

Bangkok, THAILAND - Chennai, INDIA - Caracas, VENEZUELA

Conakry, GUINEA - Jaffna, SRI LANKA - Addis Ababa, ETHIOPIA

Accra, GHANA - Lagos, NIGERIA

2°N

Medan, INDONESIA - Yaounde, CAMEROON - Kuala Lumpur, MALAYSIA

0° (EQUATOR)

BELOW THIS LINE, THE EARTH'S OBLIQUITY AND ORBIT
ECCENTRICITY ARE GREATER FACTORS AT DETERMINING
SUNRISE AND SUNSET TIMES THAN SEASONAL CHANGE

SINGAPORE - Quito, ECUADOR