

Sun. Photo courtesy of Rodrigo Suriani, Flickr.



THE SEASONS AND THE SUN



BEYONDWEATHER.EHE.OSU.EDU

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ABOUT THE ISSUE

The Seasons and the Sun

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Science Foundation

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Flesch - Kincaid RL = 3.5

In the summer, there are more hours of daylight. The Sun rises earlier and sets later. This means that temperatures are warmer. In the spring and fall, there are fewer hours of daylight than in the summer, but more than in the winter. And the temperature is in-between, too.

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BEYOND WEATHER
& THE WATER CYCLE

THE SEASONS AND THE SUN

WRITTEN BY JESSICA FRIES-GAITHER

FEBRUARY 2011

Equator. Illustration courtesy of Wikimedia Commons.



THE SEASONS AND THE SUN

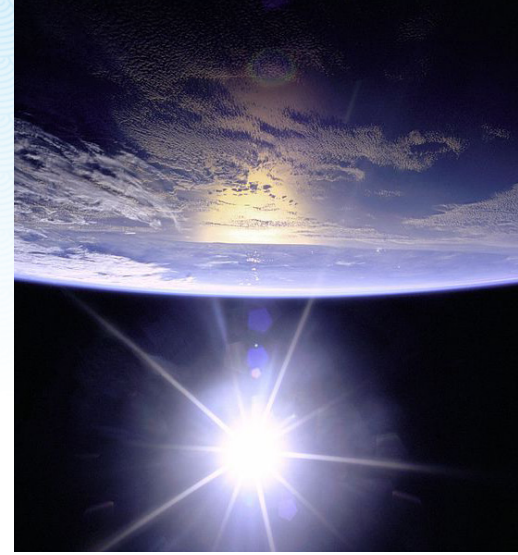
So, for most places on Earth, the seasons change because of the Sun.



Sun & Earth. Photo courtesy of Flickr.

Sun over the Earth. Photo courtesy of NASA, Wikimedia Commons.

The Sun's light shines on Earth. That light makes Earth's land, air, and water warm. This warmth is important. It makes life on Earth possible. It also has a lot to do with our seasons.



THE SEASONS AND THE SUN

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We have four seasons on Earth. In most places, each season has different weather. Summer is warm, or even hot! Winter can be cold and snowy or rainy, depending on where you live.



Four seasons collage. Photo courtesy of Wikimedia Commons.

Sunset. Photo courtesy of stock.xchng.

What have you noticed about the Sun this season? Keep an eye on the amount of sunlight each day and you will know when the seasons are changing.

THE SEASONS AND THE SUN

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At the North and South Poles, the seasons are extreme. In the winter, the Sun doesn't rise for several months. In the summer, the Sun doesn't set for several months. The North and South Poles have cool (or cold) temperatures year-round.

Earth. Photo courtesy of Nasa, visibleearth.nasa.gov.

Rain, wind, snow.
What's the weather like where you live?



THE SEASONS AND THE SUN

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Even if we can't always see the Sun, its light is important all year round. There are fewer hours of daylight in the winter. The Sun rises later and sets earlier. This means that temperatures are colder.



Winter sunset. Photo courtesy of blue_is_rad, Flickr.

Equator. Illustration courtesy
of Wikimedia Commons.

Equator



THE SEASONS AND THE SUN

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There is one place on Earth where the seasons aren't all that different. That place is the equator. Near the equator, there is always the same amount of daylight. Temperatures are always very warm, or even hot.

Day is Done, Gone the Sun.
Photo courtesy of Gollyforce, Flickr.

The seasons usually have
different weather. But they do
have something in common.
All the seasons depend on the
Sun.



THE SEASONS AND THE SUN

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What does the Sun have to do
with the seasons? **Everything!**

Sunbeams in the forest.
Photo courtesy of stock.xchng.

