

Considering a career as a solar scientist?

What you can do now to prepare for your future:

1. Choose STEM classes in high school

- Algebra
- Statistics
- Physics
- Chemistry
- Computer Technology

2. Gain STEM experience and hobbies

- Participate in a data collection project
- Job shadow or intern with an engineer or scientist
- Participate in science fairs

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National Solar Observatory

Career Opportunities

2018

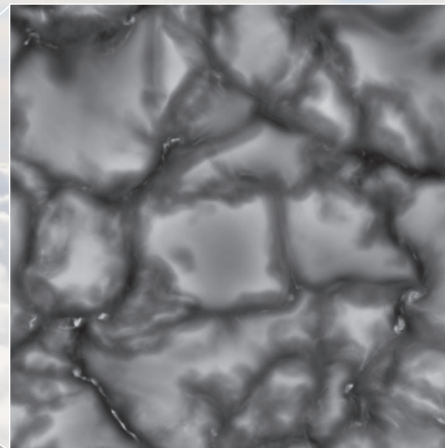
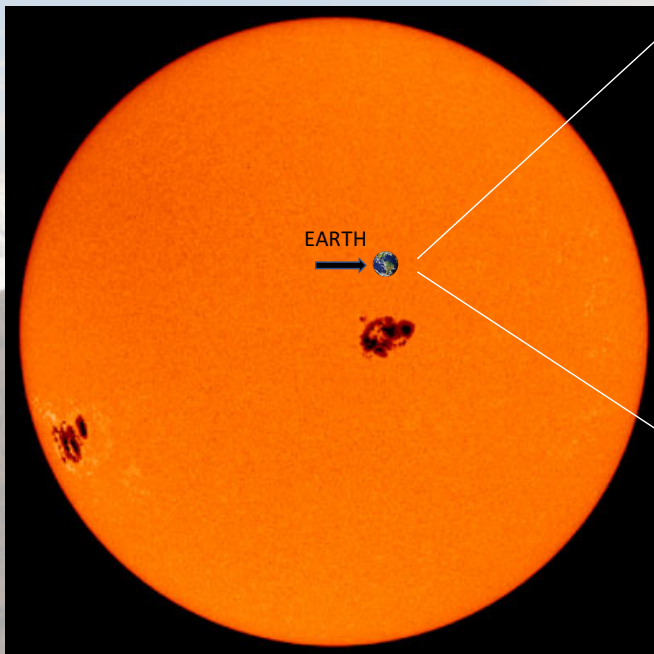


About us

We are the National Solar Observatory (NSO)! We're a research and development center of the National Science Foundation (NSF) with a specialty in studying the Sun and the way that the Sun interacts with Earth. We are currently building what is going to be the world's most powerful solar telescope in the world atop Haleakalā on the island of Maui. Here at the NSO, we're always on the look out for talented, hard-working, local students from Hawaii to join our team of professionals. We value the knowledge and experiences that you have to offer.

The National Solar Observatory offers not only jobs for solar scientists, but also for people with a wide variety of skills and interests... like:

- Graphic Design
- Human Resources
- Computer Technology
- Optical Engineering
- Astronomy
- Education and Public Outreach
- Conservation Biology
- Mechanics
- And many more... Just ask! :)



The picture above is the boiling surface of the Sun! The picture is of an area about the same size as Earth!

Studying the Sun is Important.....

Understanding Climate

The energy we receive from the sun changes slightly on scales of milliseconds to billions of years. Understanding the energy input from the sun is an important aspect of climate models and better information will help make these models accurate for greater spans of time.

Space Weather

Humans increasingly rely on Earth-orbiting satellites and power systems on the ground. Volatile space weather has the capacity to damage satellites and disrupt power systems. Predicting these events can help reduce damage and prevent havoc.

The Sun as a Star

There is a lot we would like to know about all the stars in the universe and luckily, we have one in our own backyard. We already know the sun's age, radius and mass. Combining this with measurements of surface processes, high energy events and seismology, we are able to know much more about distant stars than we could by measuring those stars alone.