

Climatologist

Textbook

Climatologist

Are we in a drought? Could there be a flood? Ask a climatologist.



What does a climatologist do?

Climatologists study climate change, climate variability, and the biosphere. Some use computer software to predict the effect of weather or climate on the growth and development of grain, vegetables, fruit, and other crops.

What is a typical day like?

Climatologists work for state and federal governments as weather station network supervisors, computer programmers, and supervisors of climate data publications. Some are private consultants, providing tailored reports and expert advice or testimony for clients. Climatologists at universities teach climate courses, participate in multi-disciplinary extension activities, and conduct independent research.

What kind of training or schooling is required?

In high school, take classes in mathematics, biology, physics, and computer science. Courses like economics, speech and chemistry also will help.

Atmospheric scientists typically need a bachelors degree, either in atmospheric science or a related scientific field that specifically studies atmospheric qualities and phenomena. Bachelors degrees in physics, chemistry, or geology are usually adequate, alternative preparation for those who wish to enter the atmospheric sciences. Prospective meteorologists usually take courses outside of the typical atmospheric sciences field.

Job and Salary Outlook

The projected percent change in employment from 2016 to 2026: **12% (Faster than average)** *(The average growth rate for all occupations is 7 percent.)*

An average of \$92,460 Annual Salary

Common Soft Skills

To be a climatologist you need to have analysis understanding and experience working with computers. You need good communication skills to work with team members and clientele, and to report methods and findings.

Questions (1)

1. Did you read the textbook?

MULTIPLE CHOICE

Choose the correct answer:

- A. Yes
- B. No

Answer Keys & Solutions

Questions

1. Did you read the textbook?

MULTIPLE CHOICE

Correct Answer:

A. Yes

✓ Correct

B. No

✗ Incorrect