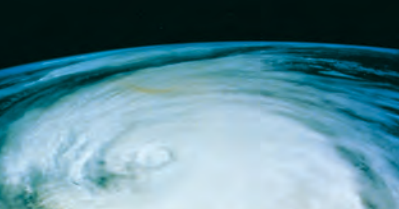


# CLIMATOLOGIST / METEOROLOGIST





# CLIMATOLOGIST / METEOROLOGIST

<http://www.fusiongrant.org/educational.php>

## **Description:**

Climatologists and meteorologists study climate variability, climate change and climate's effects on the Earth, natural resources, and living organisms using elaborate and complex computer systems and applications. Some specifically study local and regional weather patterns both current and over time, tornadoes, temperature variability, wind direction, global warming, acid rain, etc.

## **Median Wage (as of 2005):**

\$73,020

## **Level of Education:**

B.S, M.S., Ph. D.

## **Examples of Colleges & Affiliated Programs:**

**Cornell University** – Earth and Atmospheric Sciences; Biological Statistics and Computational Biology

**Columbia University** – Climate and Society

**SUNY Oswego** – Meteorology

**SUNY Oneonta** – Meteorology

**Hobart and William Smith Colleges** - Geoscience

## **Employers:**

**Federal and State Governments** – NASA; EPA; United States Fish and Wildlife Service; National Science Foundation; National Office for Oceanic and Atmospheric Research (NOAA); Department of Commerce; Armed Forces

**College & Universities** – Cornell University; SUNY College of Environmental Science and Forestry; University of Nebraska – Lincoln; SUNY Stony Brook; Rutgers University; University of Maryland

**Private Sector** – Science Magazines; Northeast Regional Climate Center; Television and Radio Stations; Private consulting (e.g. Weather - Track, Inc).

## **High School/College Courses to Take:**

Mathematics – Calculus, Statistics, Biometrics

Computer Science

Science – Environmental, Biology, Chemistry, Physics, Meteorology, Climatology, Geology, Earth Science

Agriculture – Plant and Animal Sciences

Humanities – History

Economics, Engineering

Oral and Written Communication



Cornell University