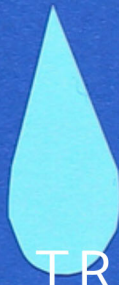


JOB SPOTLIGHT

Meteorologist

INFORMER



PREDICT



TRACK



PREPARE

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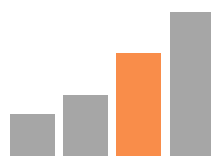
Meteorologist

Predict the weather and natural disasters

Meteorologists are weather specialists, using science and algorithms to predict weather patterns and events. They track local weather, measuring things such as rain levels and wind, as well as larger weather events, such as heat waves and cyclones. They also provide advice and forecasting before and during natural disasters.

If you have a passion for science and maths, are a great problem solver, and want a job that can be varied, becoming a meteorologist could be for you.

Growth



Very Strong

Salary



Average

Field Size



Tiny

Hours



Average

Interest Area

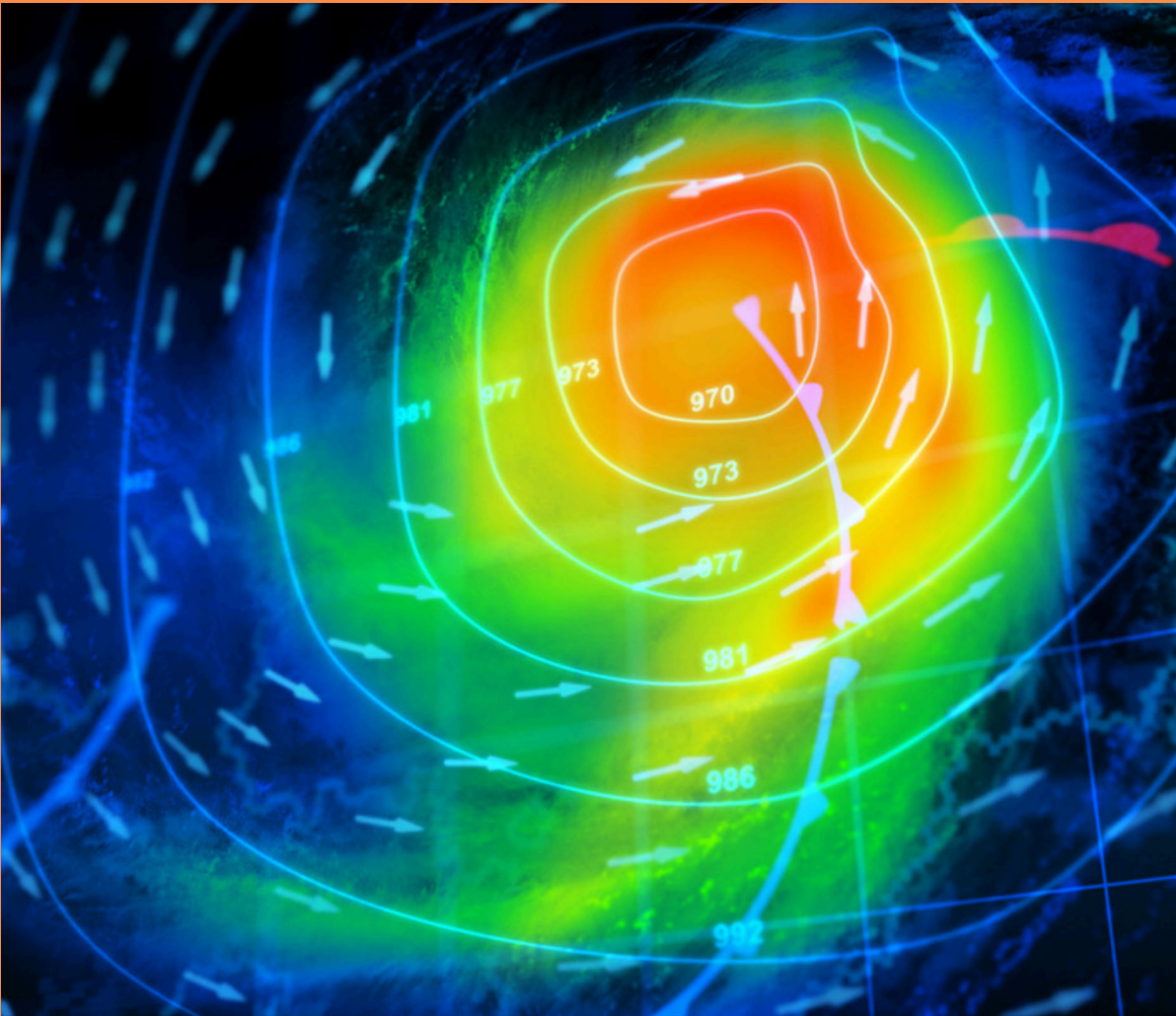


Environment

Cluster



Informer



About you

Excellent problem-solver
Strong mathematical skills
Analytical & critical thinker
Good technology skills
Adaptable & flexible
Outstanding communicator
Curious & inquisitive
Can work alone & in teams

Common tasks

- Study dynamics of the atmosphere
- Track developing weather systems
- Gather data to make predictions
- Provide weather forecasts
- Forecasting weather patterns
- Deploy technology to obtain data
- Advise on disaster preparedness
- Research larger climate events

About the role

Most meteorologists work full-time, with part-time opportunities being quite limited. You can expect to work some overtime, particularly during natural disasters when weather monitoring becomes critical regardless of the time of day.

You can expect to earn an average salary as a meteorologist.

Meteorologists typically work indoors in offices using computers, with some opportunities for fieldwork.

Meteorologists are typically most common in these industries:

- Professional, Scientific & Technical Services
- Education & Training
- Public Administration & Safety



Things you can do now

- 1 Focus on English, Maths, and Physics at high school
- 2 Find work experience or volunteer in a relevant industry
- 3 Build skills through short courses and microcredentials
- 4 Research qualifications and requirements
- 5 Talk to a meteorologist to see what a day in their life is like

Future study ideas

To work as a meteorologist, you first need to complete an undergraduate degree meteorology or science, with a strong focus in physics and mathematics.

You'll likely start in a graduate or junior position, completing on-the-job training and potentially further education before progressing to senior roles. Eventually, you might move into research or specialised roles.



What next?

If you're interested in environment or science, there are lots of other job areas you might like to consider as well, such as:

- Forestry
- Biology
- Aerospace
- Geospatial
- Chemistry
- Horticulture
- Engineering
- Animal Care

Study physics and mathematics at school – you'll need this key knowledge for both your degree and future career.

Seek work experience in science or weather-related settings to see if you enjoy the work and start building contacts.

“
Science is an attempt, largely successful, to understand the world, to get a grip on things, to get hold of ourselves, to steer a safe course.”

CARL SAGAN
ASTRONOMER AND SCIENCE COMMUNICATOR



JOB SPOTLIGHT

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