



METEOROLOGIST

**INTERESTING SCIENCE JOBS IN THE
NORTH EAST**

METEOROLOGIST

OVERVIEW

The study of weather conditions using information gained from the land, sea, and upper atmosphere; they will scientifically analyse the data obtained to predict future weather. Meteorology involves using computerised and mathematical modelling to make both short and long term weather and climate predictions. This forecast information helps lots of industries with their work including aviation, agriculture, public services, and shipping and offshore industries. You'll also look into the impact of weather on the environment on a global scale; topics like climate change and weather patterns are constantly being investigated, with results being utilised to help nations prepare for the effects of adverse weather, To do these sorts of tasks, you'll analyse data collected from satellites, radars and global weather stations!

REGIONAL PRESENCE

The North East has a variety of Industries that require the knowledge and skills of Meteorologists. Major employers for this role include the Met Office, Royal Navy, agriculture and fisheries institutes, government departments, private sector weather providers and other environmental consultancies, all of which have a presence in the North East.

FOR MORE INFORMATION

info@sunderlandsoftwarecity.com



SKILLS REQUIRED

Some skills you'd need to excel in this role include:

Mathematics and computing ability

You'll need to use a variety of software and computers to study the weather and make future predictions and forecasts.

Good writing abilities

Writing scientific reports is important in this role, so being able to convey your findings and ideas in written reports is an essential skill.

Good problem solving

You'll need to overcome many problems, so you'll need to be able to think outside the box to solve any issues.

Attention to detail and accuracy

You'll need to be precise with your analysis of the weather conditions to make accurate predictions of forthcoming weather.

EDUCATIONAL ROUTES

You'd first need to complete some A level's, one of which should be Geography and/or a core science. You're interested in this career, you'd want to look at geography degrees, which will allow you to then specialise in Meteorology. Universities in the region, like Durham, Newcastle and Northumbria, focus their research on topics within meteorology and offer great courses and learning environments that will help you build the necessary foundation for this career.

FOR MORE INFORMATION

info@sunderlandsoftwarecity.com

