

Data drives our weather and climate forecasts

To create a forecast we take the latest observations, which provide the starting conditions for our weather forecast model run on the Met Office supercomputer.

We receive **215 billion** observations every day from **all over the world**

Operational meteorologists

use observations and forecast outputs to provide guidance for products and services

The latest observations provide the starting conditions for weather forecast models run on our Met Office **supercomputer**

QUALITY CONTROL

DATA

GUIDANCE

The supercomputer then uses data from the models to produce thousands of forecasts every day for **government, industry and the public**

And our **accurate weather and climate**

information is also shared with data users throughout the world