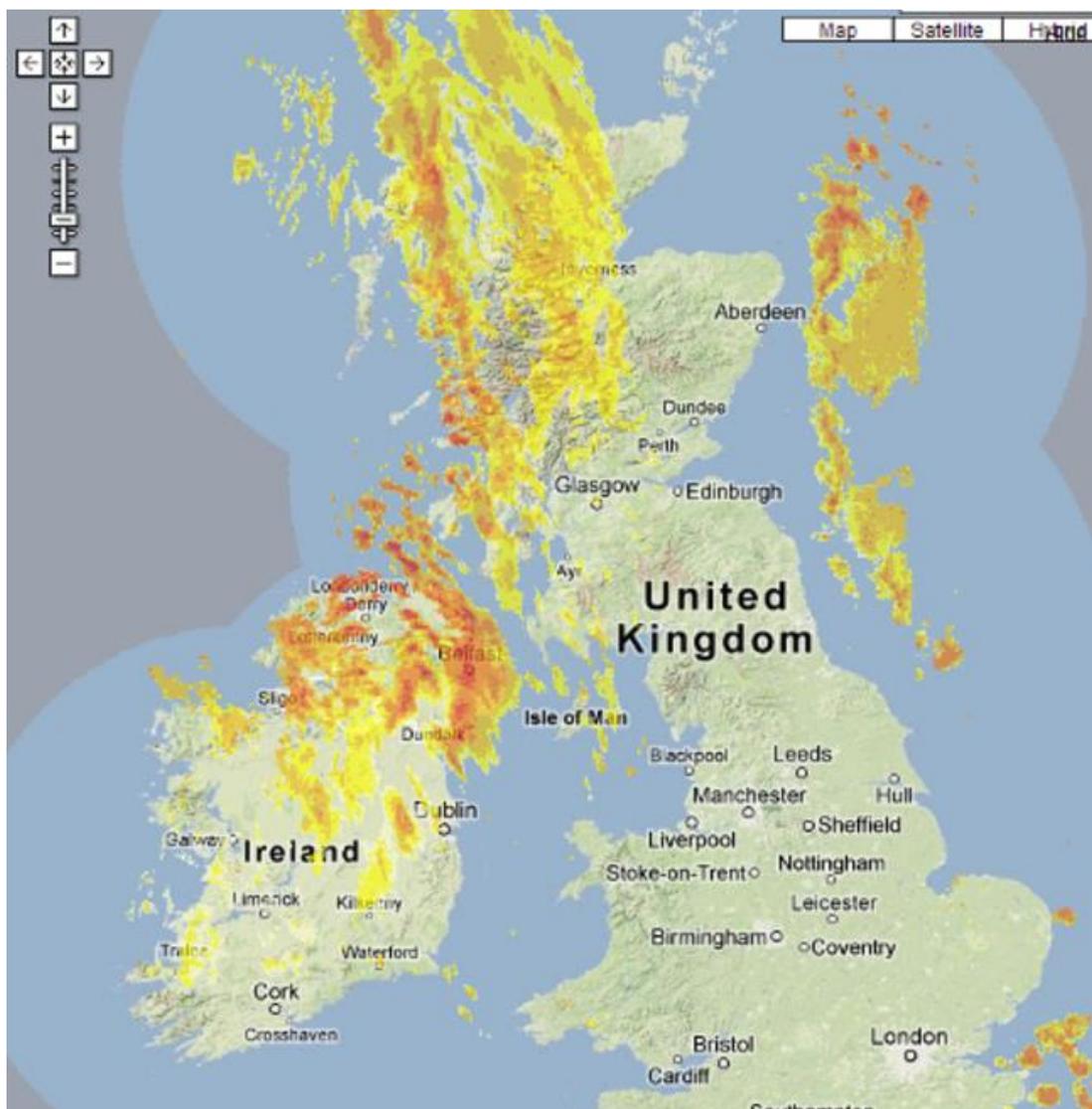


COME RAIN OR SHINE

Week 1: Investigating teaching resources

If you're a teacher, or perhaps just interested in learning more, there are several useful links which will be of interest.

If you'd like access some of the images you have seen in the course so far you can find current and forecast weather charts on the [Met Office website](#). Or if you want to view archived Met Office charts (even yesterday's), you can find them on websites [2.wetter3](#) and [Wetterzentrale](#).



© [RainToday?](#)

Radar sites such as [RainToday?](#), which show images of current rainfall, are a brilliant resource for introducing the concept of forecasting. Typically, such sites show current rainfall and how it has evolved over the past few hours. You get a feel for how fast it is moving and that, to be able to predict where it will be raining in an hour's time, you need to know both where it is raining now and how it has been changing. Ask students to predict when it will start/ stop raining in your location.

Current (and archived) global lightning strikes can be found at [Blitzortung](#). It's worth switching the sound on, and looking at it when there is a storm going on near you.

Current surface winds can be seen on [earth.nullschool.net](#), which is a lovely site for looking both at current tropical and mid-latitude storms, and the general circulation of the atmosphere.



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Satellite images can be viewed on the [Dundee Satellite Receiving Station website](#) (free registration is required). You can see a complete archive of images, but they also have a good section with case studies to save you having to look.

Recommended online teaching resources

We've listed some online resources below specifically for teaching, but there are many more on the School's website MetLink, particularly on the [useful links](#) page.

- MetLink offers [top 10 ideas](#) on how to make weather lessons engaging.

UK Weather Systems

- [DigGeog](#) is an informative blog, helping to bring geography into the classroom. We recommend to use the site search engine to look for 'depressions google earth' and 'weather forecasting updates'.
- Hwb produce a nice [lesson](#) about UK weather for key stage 3 geography.
- A series of useful GCSE lesson plans on the [weather system](#) are made available for download on MetLink.
- You can find a number of practical worksheets available for download [here](#) and [here](#).