ea technology

Lightning Location Data and Display System

The unique ability to plot and display lightning strikes in real time

MÉTÉORAGE
LIGHTNING INFORMATION AND SOLUTIONS

Powered by Météorage

EA Technology's unique system uses weather data from both the UK MetOffice, and from french-based company Météorage to provide the best user experience.
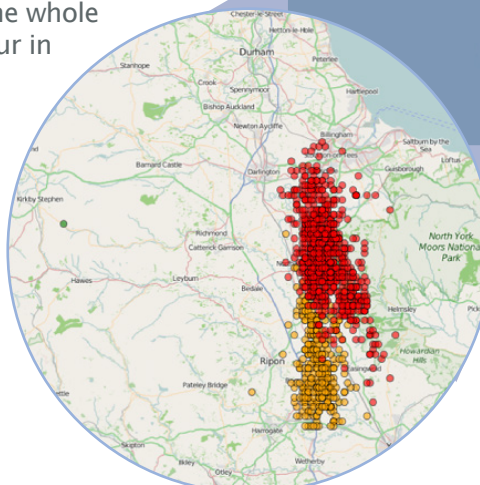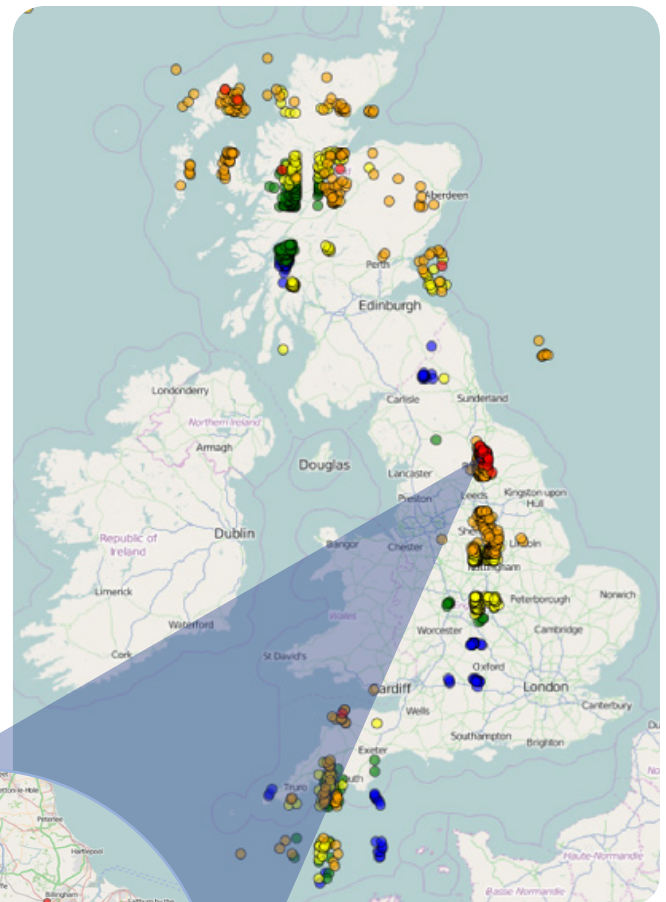
Business benefits

- Subscribers receive online lightning information, within seconds of each strike

- Lightning protection equipment can be checked on overhead lines following severe lightning activity observed in their area

- Increased safety for staff working in high risk locations, including tall structures

- Efficient deployment of repair crews to areas of severe activity, so minimising disruption

- Historical data provides evidence for (or against) lightning as the cause of damage in insurance claims
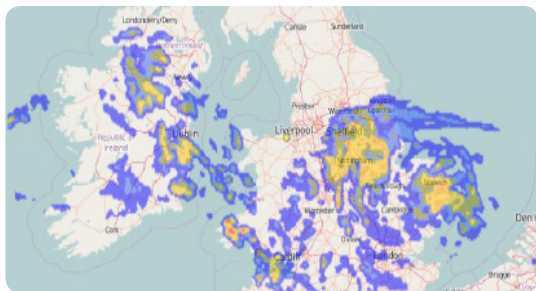
Unique features

- PC-based online user interface

- 15 detection outstations monitor the whole of the UK and Ireland - including four in Ireland and four in Scotland

- Proven lightning flash detection efficiency of 98%

- Proven location accuracy of less than 150m (Median)

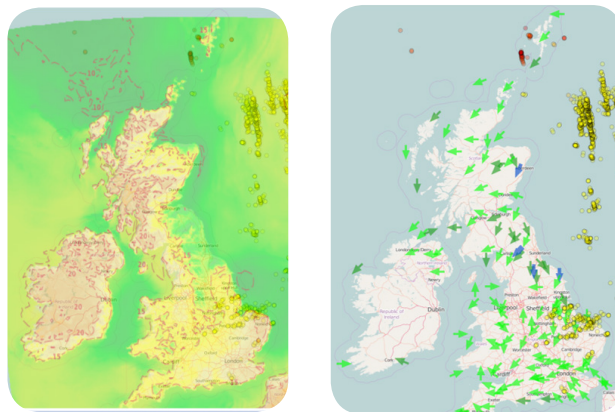*Live display of lightning activity with zoom feature*

User friendly

- Easy to set up subscription service provides full access to online lightning data

- PC software included

- User friendly graphical interface Lightning plots are colour coded by time-of-strike, so it is easy to see how activity is developing

- Historical data displays in Google Maps

- Met office forecast weather data - rainfall, temperature, cloud and wind

Rainfall display

Accurate real time data

- Strike locations high accuracy calculated to a proven, median accurancy of less than 150m and referenced to Ordnance Survey grid

- Time-of-strike measured to within one millisecond

- Evidence of strikes appears on subscribers' screens in seconds (often before they hear the thunder!)

Temperature and wind displays

Valuable management information

- Enables managers to plan for approaching electrical storms

- 'Replay' data on lightning activity is available to determine the causes of damage

- Our 20 year record of activity identifies lightning hot spots – essential for evaluating risk to key assets

Lightning protection system audits

We also provide a complete range of Lightning Protection System Audit services, with recommendations for the most appropriate and cost-effective systems to protect your assets

Additional services available

- Alarm service - choose a location, and receive a warning text message, email or automated phone call when lightning is in the area (includes optional visualisation feature)

- Lightning activity report - choose a date (or range of dates) and receive a professional report of any lightning activity

- Remote Counter Service - receive an automatic email the day after lightning activity was detected within chosen area. Ideal for monitoring remote sites containing sensitive equipment. Website viewer also available providing the same information

The display options include the ability to just show cloud to ground lightning making it easy to identify activity with potential to damage equipment or compromise safety. Forecast rain, temperature, wind and cloud cover can be overlayed on top.

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