

Essential information

Local Climate Impact Profile - National high impact weather event log

Background information

The 'Local Climate Impact Profile (LCLIP) National high impact weather event log' has been compiled using weather event databases collated by local authorities as part of their LCLIP projects. The databases provided by local authorities have been standardised and collated into one spreadsheet.

Weather event databases included in the full national log have been provided by:

- Aberdeenshire Council (database completed in 2009)
- Angus Council (database completed in 2009)
- City of Edinburgh Council (database completed in 2008)
- Clackmannanshire Council (database completed in 2009)
- Falkirk Council (database completed in 2009)
- Fife Council (database completed in 2009)
- Glasgow City Council (database completed in 2009)
- Perth and Kinross Council (database completed in 2008)
- The Highland Council (database completed in 2008)

Aim

The national log will provide a starting point for the development of further LCLIP work by both public and private sector organisations. The log will be regularly updated as more records are compiled through ongoing LCLIP work.

About the spreadsheet

The UK Climate Impacts Programme (UKCIP) have developed a standardised recording spreadsheet which can be used to record information about extreme weather events obtained from local press stories. The national log spreadsheet has been developed using this template provided by UKCIP. SCCIP recommends that organisations undertaking LCLIP projects in the future should use the spreadsheet template provided by UKCIP.

Frequently asked questions

Why are some of the columns in the log spreadsheet highlighted in yellow?

The columns highlighted in yellow have been formatted and / or categorised to enable users to search and filter the log using standard Microsoft excel functions.

Why do some of the weather event entries not include information in all of the columns?

Perth and Kinross Council, City of Edinburgh Council and The Highland Council compiled their local weather event databases in 2008, before the standardised UKCIP recording spreadsheet was developed (this is the spreadsheet that the national log is based on). This means that their information has had to be adapted to fit the new UKCIP spreadsheet template, in some cases

information specified in the new UKCIP template was not gathered as part of the original LCLIP work that these councils undertook.

In most cases Aberdeenshire, Angus, Clackmannanshire, Falkirk, Fife and Glasgow City Councils have included information in all relevant columns, however there are some gaps where information could not be identified.

Why has the weather type category been standardised?

The weather type category has been standardised in order to make it easier to search the log and compare similar weather events.

What are the different types of weather category that have been used in the log?

- Drought
- Dry weather
- Dust storm
- Excessive rain & wind
- Excessive rainfall
- Excessive rainfall & frost/ice/snow
- Excessive rainfall & lightening
- Excessive rainfall & snow thaw
- Excessive rainfall & wind
- Fog/mist/low cloud
- Fog/mist/cloud & excessive rainfall
- Frost/Ice/Snow
- Frost/Ice/Snow & excessive rainfall
- Frost/Ice/Snow & fog/mist/low cloud
- Frost/Ice/Snow & Low temperatures/cold spell
- Frost/Ice/Snow & wind
- Hail storms
- High seas
- High temperature/heat wave
- High temperature/heat wave & electrical storm
- High temperature/heat wave & excessive rainfall
- High temperature/heat wave & wind
- Ice & fog
- Lightening
- Low temperatures/cold spell
- Low temperatures/cold spell & excessive rainfall
- Low temperatures/cold spell & snow
- Low temperatures/cold spell & wind
- Low wind & low temperature
- Snow & electrical storm
- Snow & ice thaw
- Thunderstorm
- Tornado
- Unseasonable weather
- Wind
- Wind & excessive rainfall

- Wind & fog
- Wind & frost/ice/snow
- Wind & ice
- Wind & lightening
- Wind & low rainfall
- Wind & low temperatures

Why have these weather categories been selected?

The weather categories selected reflect the types of weather recorded by the local authorities who collated the original data, this list can be added to where appropriate.

Why has the impact category been standardised?

The impact category has been standardised in order to make it easier to search the database and identify common impacts.

What are the different types of impact category that have been used in the log?

- Benefits to businesses
- Change in processes
- Change in use of facilities/ services, for example closure of schools or leisure services.
- Change in working conditions
- Changes in biodiversity
- Changes in lifestyle, for example change in the use of recreational facilities.
- Crime
- Damage to buildings/structures/scaffolding/subsistence
- Damage to business
- Damage to health
- Damage to infrastructure, for example damage to road or rail networks.
- Damage to processes
- Damage to vegetation
- Disruption to processes, for example closure of road networks / breakdown in supply chains.
- Disruption to services
- Drought
- Evacuations
- Event cancellation/ disruption
- Fire
- Flood defences/protection measures successfully activated
- Flooding
- Forecast damage did not impact
- Forecast flooding
- Heat related illness/discomfort/stress
- Landslips/landslides (rainfall, temperature or other weather related)
- Lightening

- Negative financial impact, for example extra costs to local authorities.
- Negative impact on business
- Negative impact on vulnerable social groups
- No local impacts identified
- Pests, for example increases in vermin numbers
- Poor visibility
- Positive impact on services, for example increased use of recreational facilities.
- Power failure
- Reduced visibility
- Reduced water supply/reduced water quality
- Reduction in air quality/increase in respiratory problems/smog
- River line flooding evacuation
- Surface water flooding
- Unseasonable weather
- Warning

Why have these impacts been selected?

The impact categories have been selected based on those chosen for use by UKCIP with the addition of extra categories following analysis of the spreadsheets provided by local authorities.

Where can I access the UKCIP spreadsheet template?

You can download the spreadsheet template from the [LCLIP tools section of UKCIP's website](#).