



Weather chart for 1200 UTC on 10 January 1993

Daily weather extremes

Highest Maximum Temperature:
13.5 °C at Yeovilton (Somerset)

Lowest Maximum Temperature:
4.4 °C at Loch Glascarnoch (Highland)

Lowest Minimum Temperature:
-1.0 °C at Inverness (Highland) and
Dalcross (Highland)

Lowest Grass Minimum Temperature:
-5.5 °C at Inverness (Highland)

Most Rainfall:
37.2 mm at Cilfynydd (Mid Glamorgan)

Most Sunshine:
1.7 hours at Machrihanish (Argyll and Bute)

General summary

England and Wales had a cloudy night. Eastern counties of England were dry at first, but outbreaks of rain, already affecting the west, spread quickly east reaching most places by the middle of the night. Some of the rain was heavy and it became windy with southerly gales on western coasts and hills. Scotland and Northern Ireland started mainly dry with clear intervals. However, rain soon affected Northern Ireland and southern Scotland and this moved to northeast Scotland by daybreak. It became windy, particularly on western coasts. On Sunday, the whole of the United Kingdom started wet and windy with heavy rain in places and winds gusting over 60 knots on coasts and hills exposed to the south or southwest wind. By the end of the morning, brighter, colder weather moved into western Scotland and Northern Ireland with sunshine and a few rain and hail showers. During the afternoon, brighter weather spread to the rest of Scotland and parts of northern England. Showers turned increasingly wintry in the north, with a mixture of hail, sleet and snow. The rain turned more showery over Wales and the rest of England during the evening but it remained windy everywhere with gusts between 60 and 70 knots over the western isles of Scotland. It was a mild or very mild day nearly everywhere, but temperatures fell sharply during the afternoon over northern Britain.

Significant weather event

- The lowest central pressure was estimated as 914 mb, making it the lowest pressure recorded in the North Atlantic.
- High tides and gales caused serious flooding and the death of a canoeist in the Strathclyde Region of Scotland.
- Wintry showers were widespread across Northern Ireland and Scotland bringing down power cables in the Lothian Region.

Highest gust speeds

| | Gust speed | |
|------------------------------------|------------|-------|
| | (knots) | (mph) |
| <i>Ocean Weather Ship Cumulus*</i> | 105 | 121 |
| <i>North Rona*</i> | 105 | 121 |
| Sumburgh (Shetland) | 83 | 96 |
| Lerwick (Shetland) | 74 | 85 |
| Camborne (Cornwall) | 71 | 82 |
| Stornoway Airport (Isle of Lewis) | 69 | 79 |
| Tiree (Strathclyde) | 69 | 79 |

*Values quoted by McCallum and Grahame – The Braer Storm (Weather, Vol. 48, No. 4, April 1993)

Daily weather statistics

| | London | Edinburgh | Cardiff | Belfast |
|-------------------------|--------|-----------|---------|---------|
| Maximum Temperature/°C: | 12.4 | 10.5 | 12.1 | 9.8 |
| Minimum Temperature/°C: | 8.5 | 4.0 | 7.4 | 4.0 |
| Rainfall Amount/mm: | 10.4 | 4.5 | 15.6 | 3.5 |
| Sunshine Amount/hours: | 0.0 | 0.0 | 0.0 | 1.4 |