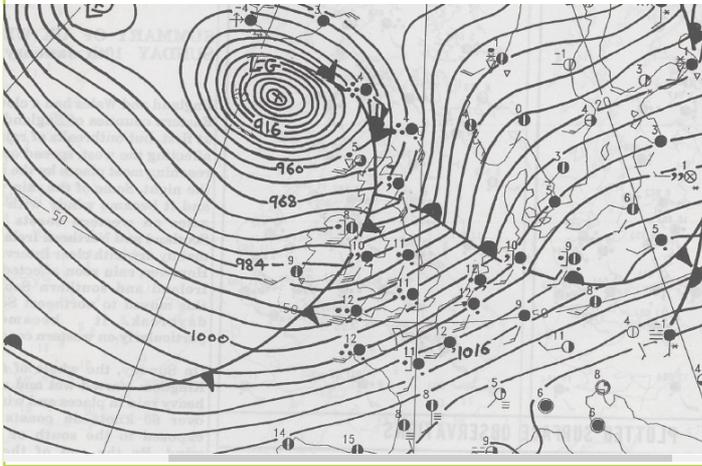


Weather chart for 1200 UTC on 25 July 2019



General summary

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 in the north.

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 wind speeds below.

OWS Cumulus 105 knots (121 mph)
 North Rona 105 knots (121 mph)
 Sumburgh 83 knots (96 mph)
 Lerwick 74 knots (85 mph)
 Camborne 71 knots (82 mph)
 Stornoway Airport 69 knots (79 mph)
 Tiree 69 knots (79 knots)

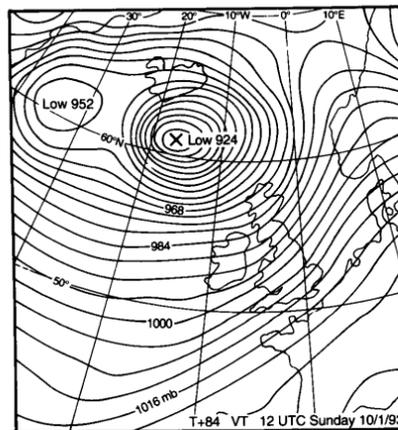


Fig. 5(a) T + 84 forecast of mean sea-level pressure (mbar) from the Meteorological Office global model, data time 0000 GMT on 7 January 1993

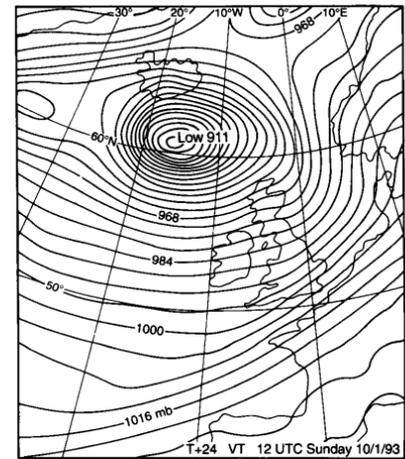


Fig. 5(b) T + 24 forecast of mean sea-level pressure (mbar) from the Meteorological Office limited area model, data time 1200 GMT on 9 January 1993

Forecast pressure charts from the Meteorological Office global and limited area models.

Daily weather extremes

Highest Maximum Temperature

13.5 °C at Yeovilton (Somerset)

Lowest Minimum Temperature

-1.0 °C at Inverness (Highland) and Dalcross (Highland)

Most Rainfall

37.2 mm at Cilfynydd (Mid Glamorgan)

Most Sunshine

1.7 hours at Machrihanish (Argyll and Bute)