



Weather chart for 1200 UTC on 28 July 2005

Daily weather extremes

Highest Maximum Temperature:
25.3 °C at Heathrow Airport (Greater London)

Lowest Maximum Temperature:
11.4 °C at Eskdalemuir (Dumfriesshire)

Lowest Minimum Temperature:
4.7 °C at Glenlivet (Banffshire)

Lowest Grass Minimum Temperature:
0.2 °C at Aboyne (Aberdeenshire)

Most Rainfall:
52.4 mm at Linton-on-Ouse (Yorkshire)

Most Sunshine:
10.5 hours at Isle of Portland (Dorset)

General summary

Much of the country had a cloudy night. There was rain over southeast Scotland and the far north. Some thundery rain brushed east Kent in the early hours and Pembrokeshire later. The northern half of England and Wales had steady rain and further south there was drizzle, low cloud and some fog.

Northern Ireland had some early sunshine but a wet afternoon and evening. Much of Scotland was cloudy and there was some rain especially in the south in the afternoon and evening. The Western and Northern Isles had some sunshine.

North Wales and the northern half of England were dull with outbreaks of rain, persistent and heavy at times. In the morning there was some thunder on Anglesey. Heavy, thundery showers developed over the Midlands and parts of East Anglia. Southern England and south Wales were mainly cloudy with some showers. It was cool in the north. Temperatures were near or slightly above average in the south.

Significant weather event

A destructive tornado was reported in the Kings Heath area of Birmingham around 1330 UTC with a force of T1 on the International Tornado Intensity Scale*, causing considerable structural damage. As it moved north through the Moseley area it strengthened to a force T4 and reached its most powerful around the Balsall Heath area, probably touching force T5 before weakening as it moved through the Small Heath and Erdington areas. The total length of the tornadoes path through Birmingham was 12 km. There was another tornado near Peterborough on this date, reaching a force T3. During the evening thundery downpours spread across Lincolnshire and Yorkshire with a report of a tornado near Spalding (Lincolnshire).

International Tornado Intensity Scale

	Intensity Scale
Weak tornadoes	T0
	T1
	T2
Strong tornadoes	T3
	T4
	T5
	T6
Violent tornadoes	T7
	T8
	T9
	T10

*The International Tornado Intensity Scale categorizes wind speeds of tornadoes. The scale is directly related to the Beaufort scale and is the only true tornado intensity scale with a sound scientific base.

Daily weather statistics

	London	Edinburgh	Cardiff	Belfast
Maximum Temperature/°C:	24.9	14.1	20.2	14.3
Minimum Temperature/°C:	13.0	10.8	11.2	10.1
Rainfall Amount/mm:	0.0 (trace)	8.4	1.1	0.0
Sunshine Amount/hours:	3.2	0.0	0.1	0.0