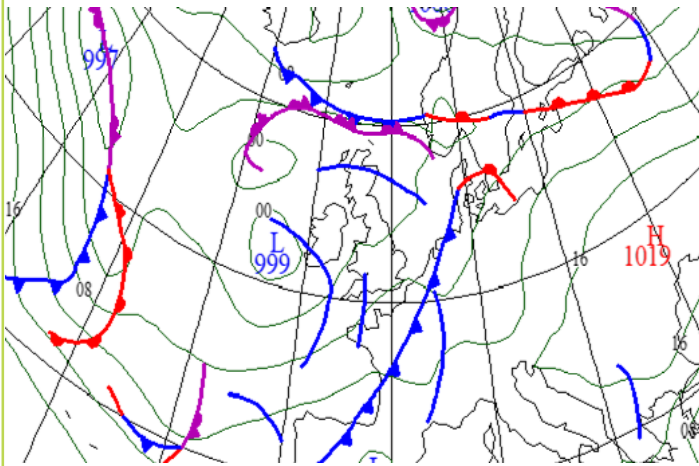


Weather chart for 1200 UTC on 16 August 2004



General summary

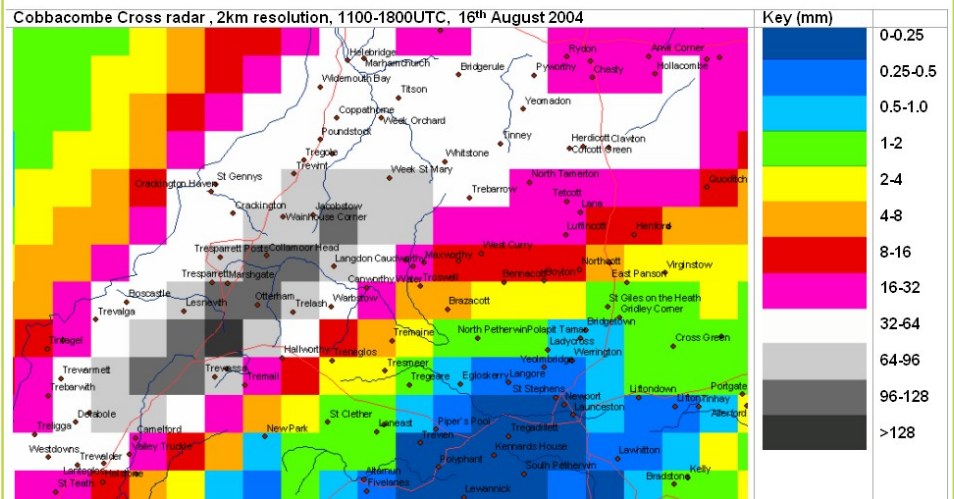
During the day there were some bright or sunny spells, but the rain was slow to clear northwards from Scotland, whilst elsewhere showers developed. There were some prolonged, torrential and thundery downpours especially across Southern England. There were reports of severe flooding across parts of North Cornwall, with up to 7 inches of rainfall falling, with one particular line of intense storms running northeast-wards from St Ives up towards the Cardiff region. Heavy thunder showers rumbled on into the evening, especially across Northern Ireland, Wales and South West England and in a line running across the North Midlands into Lincolnshire. Temperatures were mostly near normal. Winds were mostly gentle or moderate southerly, but variable across the north.

Significant weather event

Heavy, thundery downpours developed by midday across South West England. These showers formed bands which aligned themselves with the wind helping to maintain the heavy rain across certain areas of North Cornwall for several hours. The trigger mechanisms for these storms appeared to be convergence of winds along the coast and the high ground in the local area which also helped to generate showers. It would appear that the serious nature of these floods was exacerbated by the local topography around Boscastle.

Highest 24 hour rainfall totals below:
 Otterham 200.4 mm
 Trevalce Lesnewth 184.9 mm
 Creddacott 123.0 mm
 Slaughterbridge 76.5 mm

Radar Rainfall Accumulations- Boscastle Flood



Radar rainfall accumulations for 1100-1800 UTC on 16th August 2004.

Daily weather extremes

Highest Maximum Temperature

24.4 °C at Coltishall (Norfolk)

Lowest Minimum Temperature

9.0 °C at Aboyne (Aberdeenshire)

Most Rainfall

200.4 mm at Otterham (Cornwall)

Most Sunshine

10.6 hours at Moel-Y-Crio (Clwyd)