



Weather chart for 1200 UTC on 14 August 1975

Daily weather extremes

- Highest Maximum Temperature:**
30.1 °C at Monks Wood (Cambridgeshire)
- Lowest Maximum Temperature:**
15.8 °C at Ronaldsway (Isle of Man)
- Lowest Minimum Temperature:**
11.1 °C at East Malling (Kent) and Gatwick (East Sussex)
- Lowest Grass Minimum Temperature:**
7.5 °C at Abbotsinch (Renfrewshire)
- Most Rainfall:**
170.8 mm at Hampstead (Greater London)
- Most Sunshine:**
11.1 hours at Gorleston (Norfolk)

General summary

Apart from an isolated thunderstorm across northeast England, it was a dry night across much of the country with the odd mist patch towards dawn. However, persistent and at times heavy rain already across Cornwall moved eastwards into parts of Devon, western parts of Wales and northwest Scotland during the night. The morning dawned wet across western areas but for many it was a dry morning with some sunny spells developing. However, the odd isolated shower or thunderstorm soon developed and these became more widespread by midday. During the afternoon intense thunderstorms developed across eastern England with flooding in a few places. The rain across western districts continued becoming heavier and more persistent especially across western Scotland. However, Northern Ireland had a mainly dry afternoon with some good sunny spells. Winds were generally light and variable. It was a warm day generally and locally hot across parts of eastern and southeast England.

Significant weather event

A line of thunderstorms developed over eastern districts of England and Scotland ahead of a slow moving cold front. One very heavy thunderstorm in northwest London during the evening of the 14th caused serious flooding. Hampstead Climatological Station recorded 170.8 mm (6.72 inches) of rain in the twenty-four hour period to 0900 GMT on 15th with much of the rain falling between 1730 and 2000 on the 14th. This was the largest daily total ever recorded in the London area and severe flooding resulting from a storm of this magnitude in an urban district caused considerable damage to property and disrupted public services.

24-hour rainfall totals

| | Rainfall | |
|--------------------------------------|----------|-------|
| | (mm) | (in.) |
| Hampstead Climatological Station | 170.8 | 6.72 |
| Golders Hill Park | 131.3 | 5.12 |
| Highgate | 106.7 | 4.20 |
| Dartmouth Park, Waterlow Park | 102.1 | 4.02 |
| Parliament Hill | 101.7 | 4.00 |
| Hampstead Garden Suburb | 99.1 | 3.90 |
| Cricklewood, Farm Avenue | 86.4 | 3.40 |
| Priory Park | 73.7 | 2.91 |
| Hornsey, High Street Pumping Station | 62.7 | 2.47 |
| Avenue House, Finchley | 60.5 | 2.38 |

Daily weather statistics

| | London | Edinburgh | Cardiff | Belfast |
|-------------------------|--------|-----------|---------|---------|
| Maximum Temperature/°C: | 29.8 | 20.3 | 23.3 | 22.7 |
| Minimum Temperature/°C: | 19.4 | 13.4 | 12.6 | 12.0 |
| Rainfall Amount/mm: | 5.0 | 0.7 | 2.5 | 0.6 |
| Sunshine Amount/hours: | 8.5 | 0.1 | 3.9 | 8.1 |