

June 2007

The averaging period used for the following assessment was 1961-1990.

UK overview

Mean temperatures generally around 1 °C above average across the UK, although maximum temperatures across parts of eastern Scotland were over 1 °C below average. The majority of the UK having well above average rainfall, with rainfall anomalies widely over 300% across Yorkshire, with some areas having their wettest June on record. Sunshine generally below average across the UK, and exceptionally below average across parts of eastern Scotland and NE England, with some areas having their dullest June on record.

England diary of highlights

A warm and dry start to the month, but becoming increasingly unsettled. A sustained spell of heavy rain over Lincolnshire, most of Yorkshire and the Midlands on 24-25th, with widespread flooding being reported.

1st to 3rd: This was a transition period, prior to the development of a ridge of high pressure over the British Isles. An Atlantic low brought weakening fronts to the west and north, with some sharp showers in the north on the 1st and more general rain to the north on the 3rd. It was also very warm, with temperatures reaching around 25 °C in the London area on the 2nd. North Sea coasts began to be plagued by low cloud and fog.

4th to 12th: Ridge of high pressure slowly declining with thundery troughs affecting eastern districts. Many places were fine and warm at first, though the east saw relatively little sunshine after the 4th. Cloud became widespread across the country by the 7th and there were some heavy thunderstorms over East Anglia and the south-east on the 8th, with Herstmonceux reporting 33 mm of rain in 6 hours. It was still warm, with temperatures usually reaching 22-24 °C and up to 26.1 °C at Pershore on the 9th. The south-west and the north became showery later. Winds were generally light throughout.

13th to 17th: A deep depression south-west of the British Isles moved slowly north-east across the country, filling slowly. A spell of heavy and thundery rain pushed north across all districts on the 13th, giving 15.6 mm in an hour at Ellesmere Port. Heavy and thundery showers developed each day, giving some very high totals in places, with Edgbaston reporting 70 mm in 12 hours on the 15th. It was very warm and humid at first, with temperatures reaching 25 °C at Gravesend on the 13th, but it became significantly cooler as winds turned more northerly. Central and north-eastern districts saw the highest rainfall.

18th to 23rd: Low pressure dominated the weather, with a slow-moving depression deepening to the south-west of Cornwall before moving north-east across the country as it filled. There were some very heavy showers with some funnel clouds being reported, with 21.4 mm falling in an hour at High Wycombe on the 19th and flooding reported in Boscastle on the 21st.

24th to 30th: An exceptional spell of wet weather, with spells of rain or showers throughout most of the period. A deepening depression became slow-moving over the country on the 25th bringing a sustained spell of heavy rain to Lincolnshire, most of Yorkshire and the Midlands, with widespread flooding being reported. Many places recorded over 50 mm of rain in 12 hours and Fylingdales recorded over 100 mm in the 24-hour period ending 2100 UTC on the 25th. There were also very strong northerly winds in places, with a gust of 56 knots being recorded at Berry Head.

Wales diary of highlights

A warm and mostly dry first half of the month but then cooler and changeable with some heavy rain at times.

1st to 13th: High pressure affected much of the UK with mainly dry, settled and warm conditions across Wales. Temperatures up to 22 °C occurred for several days with a peak of around 26 °C in N Wales on the 11th. It was often sunny as well.

14th to 30th: In complete contrast, the rest of the month was entirely dominated by areas of low pressure giving typically unsettled and changeable weather that was often quite cool as well. There were thunderstorms and torrential downpours in some parts on the 14th, 15th, 18th and 19th and on almost every other day there were either further showers or longer spells of rain. Persistent and heavy rain on the 25th continued the unusually wet weather with up to 75 mm of rain in some parts. Although quieter conditions then affected the country over the next few days with generally lighter and more scattered showers, yet more heavy rain spread in from the west on the 30th.

Scotland diary of highlights

June was dull and wet over much of Scotland, although the Northern Isles had exceptionally below average rainfall and the Western Isles had above average sunshine.

Low cloud, mist and fog burned back to the North Sea with the 1st turning out to be bright or sunny, although the odd shower, some thundery, broke out through the afternoon and early evening. The temperature reached 20 °C quite widely away from the North Sea coasts. Haar lingered along some North Sea coasts on the 2nd, otherwise much of the east enjoyed bright spells until the evening with the temperature reaching 22 °C in the Borders. Rain spread into the west during the evening and continued eastwards through the 3rd, becoming lighter and more patchy. Misty conditions affected the coasts and the Northern Isles.

Temperatures ranged between 12 and 15 °C. The rain died out on the 4th with bright or sunny intervals developing. However, the Northern Isles and some parts of the north and east coasts continued to be plagued by mist and low cloud. Temperatures ranged from 12 °C in Shetland to a warm 20 °C across parts of Dumfries and Galloway. The 5th was similar with the sunnier south-west reaching 19 °C while north-eastern coasts stayed dull with temperatures nearer 11 °C. On the 6th the contrasts were greater with sunnier south-western areas reaching 21 °C, while Charterhall in the Borders managed just 11 °C. The 7th was again bright and warm in the west and cooler near east coasts. Thundery showers spread in from the North Sea during the evening bringing localised heavy rain to parts of Deeside, Angus, Fife and the Lothians. Lightning strikes caused damage and 27 mm of rain fell in one hour during the morning of the 8th at Leuchars. These showers continued to track north-westwards and more showers developed across Caithness and Orkney. Elsewhere, it brightened up, but remained dull along some North Sea coasts.

Low cloud and mist burned back to the east coast on the 9th with sunshine developing inland where Tyndrum and Tulloch Bridge recorded 25 °C, whereas misty Rosehearty only saw 13 °C. The 10th was rather cloudy although Ayrshire, Dumfries and Galloway and the Outer Hebrides enjoyed some good spells of sunshine. Orkney and Shetland also had a much brighter day than of late. During the evening some heavy and thundery showers moved in across the Buchan area and these persisted through the night. Prestwick recorded 22 °C. Similar conditions were experienced on the 11th, although the showers broke out over the high ground of Argyll during the afternoon. Once again, western districts had the highest temperatures at around 23 °C while Wick struggled to reach 14 °C.

On the 12th patchy rain edged south across the north and showers across southern and central parts became frequent and heavy, with thunder during the morning. During the evening the showers merged to give a more persistent band of rain, although the far north became drier. Rain moved south on the 13th and became confined to the south of the Central Lowlands through to the 15th. Further north it became mainly dry with

sunny or clear spells. Temperatures reached 17 °C at Lusa, Skye, compared to 10 or 11 °C in the south. The rain spread northwards on the 16th, although Shetland stayed dry until the evening. It brightened up during the afternoon across the south, but thundery showers broke out during the late afternoon and evening.

The 17th, 18th and 19th saw rather grey conditions along some North Sea coasts with brighter weather elsewhere, although showers broke out across the higher ground during the afternoons and evenings. The temperature ranged from 13 °C in the duller east to 21 °C in the sunshine.

The 20th to the 23rd saw misty conditions along the north and north-east coasts. Elsewhere, sunshine and thundery showers. Daytime temperatures ranged from 13 °C in the duller east to 23 °C in the sunshine. 10 mm of rain was recorded in one hour at Bishopton on the 20th. Thundery rain developed around Stirling on the 23rd, with funnel clouds being observed above the Ochil Hills. Rain, heavy at times, spread southwards on the 24th leaving cooler, brighter, weather with showers until the 27th.

Persistent rain affected much of the west on 28th with scattered showers in the east. Heavy rain developed across the south during the evening and West Freugh recorded of 31 mm of rain overnight. Much of the country was bright with scattered showers on the 29th, but heavy rain at first in the north-east with Rosehearty seeing around 20 mm. The 30th started dry and bright, but rain spread north-eastwards - this being heaviest across Argyll. The temperature reached 20 °C at Kinloss.

Northern Ireland diary of highlights

Much of June was dominated by low pressure bringing unsettled weather.

The first day of the month started misty, but this cleared to sunshine and occasional showers and the temperature reached 20 °C quite widely. It was much colder during the next two days with spells of rain, particularly on the 3rd when Killowen recorded just over 40 mm from midnight.

The rain fizzled out across the east on the 4th and then the weather settled down. The 5th to the 10th was fine and sunny after the clearance of overnight mist. The temperature ranged from 20 to 25 °C in the west.

The 11th got off to a dry and sunny start but some heavy showers developed across western counties in the afternoon. It was another very warm day with Castlederg reporting a maximum of 26.4 °C. Isolated showers overnight developed into a large area of thundery rain across much of the country on the 12th with some locally-torrential downpours. Flooding was reported in Belfast and around Omagh, with daily totals on the 12th of 94.7 mm at Edenfel, 56.0 mm at Brookhall and 53.6 mm at Lough Fea. Rain continued on and off for the next few days then gradually dying out on the 16th. It was particularly wet throughout this period with 35 mm falling at Newry on the 13th and Helens Bay recording 42 mm and 48 mm on the 14th and 15th respectively. It also cooled down with Belfast only reaching 13 °C on the 13th and 11 °C on the 15th.

The weather warmed up from the 17th through to the 23rd with maxima reaching 20 °C by the 19th. It was unsettled with bright, sunny or clear spells and showers. A longer spell of rain occurred during the evening of the 19th when 20 mm fell at Ballypatrick Forest.

The showery weather continued through to the end of the month, but it cooled down with maxima in the range of 13 to 16 °C. On the 29th, these showers merged to give a longer spell of rain and Aldergrove recorded 25 mm. This rain cleared early on the 30th with bright spells and showers developing and the temperature reached a pleasant 22 °C at Castlederg.

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