

June 2010

The averaging period used for the following assessment was 1971-2000.

UK overview

For most of the month, rain-bearing Atlantic weather systems were absent and pressure was relatively high. This meant that June saw plenty of dry, sunny weather, especially in the second half when it became very warm over England. Any widespread rainfall was largely confined to the second week. The weather also turned unsettled from the west and north towards the end of the month, with the warm, fine spell becoming confined to eastern England. Mean temperatures were above average in all areas, ranging from about 1 °C above close to the east coast to about 2 °C above over Northern Ireland and western Scotland. Daytime maximum temperatures were well above normal, by about 2.5 °C in many western and central areas. June saw below average rainfall across almost the whole UK, with less than 50% of normal in many areas including much of Scotland, south Wales, north-west England and southern England. Sunshine totals ranged from about 20% below normal across much of northern Scotland to about 50% above in south Wales and south-west England, where June was the third-sunniest in a series from 1929.

A maximum temperature of 30.9 °C was recorded at Gravesend (Kent) on 27th. A minimum temperature of -0.1 °C was recorded at Cromdale (Highland) early on 15th and at Carterhouse (Borders) early on 20th. In the 24 hours ending at 0900 on 29th, 64.6 mm of rainfall was recorded at Cwmystadrlllyn, near Porthmadog (Gwynedd). A wind gust of 51 m.p.h. was recorded on 28th at Capel Curig (Conwy).

England diary of highlights

High pressure brought a good deal of dry, settled weather through the month, with a more changeable interlude in the second week. Daytime temperatures were generally close to or above normal, especially in the last 10 days when it became very warm in eastern areas. There were some cold nights around mid-month. Mean temperatures were above average in all areas, typically by about 1.5 °C, and daytime maximum temperatures were well above normal, by about 2.5 °C in many parts of the Midlands and central southern England. June saw below-average rainfall across almost all areas, with less than 50% of normal close to the Scottish border, in Lancashire and across parts of the south. It was sunnier than normal almost everywhere, and especially so across the south-west where more than 140% of average was recorded. It was the sunniest June over England since 1996.

1st to 5th:

Rain spread eastwards on 1st but after that high pressure dominated with warm, dry and fairly sunny conditions for many places. Mornings generally saw some mist and fog. There were a few showers in northern England on 4th and 5th, some with thunder in Yorkshire on 5th. It became increasingly warm, with the temperature reaching 28.0 °C at Heathrow (Greater London) on 5th.

6th to 13th:

A more unsettled period with showers or rain on most days. Between 6th and 9th, showers were often heavy and thundery, with some significant totals, for example 29.6 mm at Marham (Norfolk) on 6th and 21.8 mm at Bramham (West Yorkshire) on 7th. Heavy rain moved into southern areas on 10th and continued in the south-east into 11th, giving a total of 44.0 mm at Manston (Kent) and 20-30 mm widely in Sussex and Kent in 24-hours to 0900. The 12th was a drier interlude, before further heavy showers spread across southern counties

during 13th. Temperatures were generally around normal, but easterly or north-easterly winds made it rather cool in the east at times.

14th to 17th:

High pressure returned to give a largely dry few days with a good deal of sunshine, though a few showers remained in southern areas on 14th. Daytime temperatures were warm for the most part but the nights were cold, with minima early on 17th of 1.9 °C at Exeter (Devon) and 4.3 °C at Benson (Oxfordshire). South-east England experienced brisk north-easterly winds for much of the period but winds were mainly light elsewhere.

18th to 20th:

A band of rain moved southwards on 18th, becoming heavy and slow-moving in the West Midlands during the afternoon, with 20 mm recorded at Shobdon (Herefordshire). Strong northerly winds brought cloud and showers to eastern England on 19th, with a gust of 50 m.p.h. at Donna Nook (Lincolnshire). Otherwise, it was mainly dry and clear but still cold overnight, with a minimum temperature of 0.2 °C at Shap (Cumbria) early on 20th.

21st to 27th:

Another settled period with high pressure dominating. Most places stayed dry with plenty of sunshine and it was warm or very warm, especially across the Midlands and eastern England, where the temperature exceeded 25 °C widely each day from 22nd. The highest temperature of the year so far, 30.9 °C, was recorded at Gravesend (Kent) on 27th. Nights also became increasingly warm, with minimum temperatures around 15 °C in parts of the south-east by 26th. There were some thunderstorms over the Pennines and the north-east on 26th.

28th to 30th:

More unsettled in south-western and northern areas, with some rain on 28th becoming heavy and thundery in the north on 29th. There were also some showers across eastern and southern areas on 29th. A generally dry day on 30th. The very warm theme continued, especially in the Midlands, East Anglia and the south-east. Overnight minimum temperatures continued to rise, with St James's Park (Greater London) recording 17.8 °C early on 30th.

Wales diary of highlights

A largely dry and fine month, but with a few showery days. Some warm weather but there were cold nights around mid-month. Mean temperatures were above normal, by 1.3 °C to 1.5 °C, due partly to some warm days resulting in daytime maximum temperatures up to 2.5 °C above normal. June was a dry month in all areas, with less than 50% of average rainfall across most of south Wales. It was a sunny month, with totals about 40% above normal, making it the sunniest June since 1975.

1st to 6th:

After overnight rain cleared on 1st, all parts became drier, brighter and fairly warm. It was then mostly dry and warm by day, with spells of sunshine, but with fog patches early on 2nd and again locally on 3rd.

7th to 10th:

Outbreaks of rain spread north-eastwards during 7th, followed by sunshine and showers on 8th, although temperatures continued to be near or somewhat above normal. There were further showers on 9th, some heavy and thundery. The 10th was a mostly dry day but a chilly north-easterly wind affected north and mid-Wales.

11th to 14th:

Initially, there were north to north-westerly winds. The 11th stayed generally cloudy, with sunshine only in the far west and south, but it was largely dry. The 12th saw more sunshine, but on 13th some slow-moving heavy and thundery showers affected mid-Wales during the afternoon. A few of these lingered into the morning of 14th, with eastern areas staying rather cloudy throughout and the best of the sunshine further west.

15th to 20th:

The dry, fine weather returned, but with some early mist or fog patches. There were some cold nights, but afternoon values reached 20 °C inland. Cloud and outbreaks of rain spread southwards during the afternoon of 18th, becoming heavy and slow-moving in the south-east later. Winds eased on 19th and 20th and it was dry with sunny spells, but temperatures were cool with for example 2.3 °C at Trawsgoed (Ceredigion) early on 20th.

21st to 27th:

Generally dry and sunny with temperatures rising well above average. Some thicker cloud spread in on 23rd, and this led to an isolated shower on 24th. Sea fog affected Pembrokeshire early on 25th but cleared quickly. The 26th saw very warm weather and temperatures peaked around 26 °C in east Wales, with 26.6 °C at Velindre (Powys). The overnight minimum temperatures also rose during this period

28th to 30th:

Cloud and rain spread north-eastwards into the south-west on 28th. The north-west had some quite strong winds, with a gust of 51 m.p.h. recorded at Capel Curig (Conwy). After a wet night over north Wales, with 23.0 mm recorded at Mona (Anglesey), the 29th became increasingly bright or sunny. The 30th was also mostly dry with sunny spells.

Scotland diary of highlights

High pressure over or just west of the UK brought plenty of fine, dry weather during much of the month. There were less-settled spells in the second week and towards the end. Mean temperatures were above average in all areas, ranging from about 1 °C above in the Northern Isles to about 2 °C in western Scotland. June saw below-average rainfall in all parts, with less than 50% of normal in the Borders and in areas near the west and east coasts. Sunshine totals ranged from about 30% below normal across the Northern Isles to about 30% above normal in the south-west.

1st to 5th:

A cloudy start on 1st with outbreaks of rain, but it became drier and brighter during the day. Fine and dry with long sunny spells on 2nd and 3rd. Haar affected parts of the east coast on 4th and 5th, otherwise generally sunny, although heavy thundery showers affected the north and east at times.

6th to 14th:

Cooler and cloudier from 6th to 8th with showers or longer spells of rain, heavy and thundery at times, with 36.2 mm of rain recorded at Threave (Dumfries and Galloway) in a few hours on 6th. In contrast, the Western Isles were mainly sunny. The 9th started cloudy with outbreaks of rain but brighter, drier conditions followed. Mainly dry with sunny spells on 10th although the east stayed quite cloudy. Patchy rain reached the north-west and Northern Isles later, which continued through 11th with brighter conditions further south. On 12th showery rain in the far north-east died out, leaving most areas dry and bright, although rain arrived in the west later. Rain spread to most parts early on 13th but the north and south-west became drier. Early showers in the north-east on 14th otherwise mainly dry with some sunshine, especially in the west.

15th to 22nd:

After a cold start in the Highlands (with -0.1 °C recorded at Cromdale in Speyside), 15th was mostly dry with sunny spells, especially in the south-west. The 16th and 17th were mainly dry with some sunshine especially in the south-west. Dry with sunny spells on 18th and still very warm in south-west but much cooler and fresher in the north. Cloudy in the north and north-east on 19th and 20th with some light showers but the south and west continued sunny and warm. The 21st was mainly dry, bright and warm, though some rain affected the far north-west. The 22nd was mainly sunny and very warm, with 25.2 °C at Leuchars (Fife), although haar affected some eastern coasts and the north-west was cloudier with rain at times.

23rd to 30th:

Outbreaks of rain affected the north-west on 23rd but elsewhere remained dry with the north-east warm and sunny. The 24th was mainly dry although a few showers affected the north. Most places were dry, warm and bright on 25th and 26th, although scattered showers affected the Hebrides on 26th. The 27th was bright with scattered showers, these heavy and thundery at times. A bright day on 28th with scattered showers in the north, however rain spread across the south later. Apart from a few showers over the north-west and Grampian, the 29th was dry with sunny spells. After a few morning showers in the north-west, the 30th was largely dry with sunny spells, but rain reached the west during the late evening.

Northern Ireland diary of highlights

High pressure over or close to the UK brought plenty of fine dry weather, but there were less-settled interludes with rain or showers in the second week and towards the end. Mean temperatures were above average in all areas, typically by about 2 °C. June saw below-average rainfall, with less than 50% of normal in areas near the north coast. Sunshine totals were about 25% above normal.

1st to 5th:

Overnight rain on 1st soon cleared to leave a mainly dry and bright day. Dry on 2nd and 3rd with sunny spells. The 4th started rather cloudy with a few showers, otherwise it was mostly dry, sunny and warm. The 5th was dry and warm for much of the day but a few sharp showers developed towards evening.

6th to 13th:

Cooler on 6th with sunshine and showers. The 7th started bright before cloud and rain spread from the south, the rain continuing overnight and through the 8th. It was a cool day with temperatures no higher than $13 - 14$ °C in most places. The rain gradually cleared south-westwards on 9th, another cool day with maximum temperatures around 14 °C. The 10th was dry with sunny spells. Rather cloudy on 11th with patchy rain. Dry and bright on 12th but rain arrived during evening, clearing to give sunshine and showers on 13th.

14th to 26th:

The 14th, 15th and 16th were dry and warm with some sunny spells. The 17th and 18th were rather cloudy in the morning then brightened. Dry and warm with sunny spells on 19th, although the north coast was cooler. Mainly dry with sunny spells on 20th, and a few evening showers. The 21st was sunny and warm, especially in the west, with Castlederg (County Tyrone) reaching 26.5 °C. The 22nd was bright and warm but a little cloudier. The 23rd was cloudy and warm, with patchy rain spreading from the west. The 24th and 25th were rather cloudy but warm and 26th was bright with scattered showers, but still warm.

27th to 30th:

A bright day on 27th with scattered showers, these heavy and thundery at times. Dry and bright at first on 28th but clouding over with rain later. The 29th was dry with bright spells. Bright on 30th but increasing cloud brought rain eastwards during the evening.

