

June 2013

The averaging period used for the following assessment was 1981-2010.

UK overview

June began settled and quite sunny in most areas with high pressure established over the UK, though temperatures barely exceeded their seasonal averages over England. After the 9th it became rather more unsettled and cooler. A muggy and humid spell over the south for a time after mid-month made for locally very warm conditions in any sunshine. The latter part of the month was again mainly settled and fine, especially over England, but again barely warmer than the seasonal average. June overall was a rather cool month over England and Wales, especially towards the south-east, although western parts of Scotland and Northern Ireland were slightly warmer than average. Rainfall was mostly below normal except in Northern Ireland. Some western areas were rather sunny.

The UK mean temperature was 12.8 °C, which is 0.2 °C below the 1981-2010 average but warmer than the last two Junes. The month was rather drier than average across most of England, Wales and Scotland - with most areas receiving around a half to two-thirds of the normal amount of rainfall - but the south-east and East Anglia received only a third. Northern Ireland was slightly wetter than average. The UK overall received 66% of average rainfall. There was 171 hours of sunshine for the UK overall, 101% of the long-term average, with the sunniest areas being towards the western side of Wales and Scotland.

A maximum temperature of 27.2 °C was recorded at Heathrow (Greater London) on the 30th. A minimum temperature of -1.1 °C was recorded at Tulloch Bridge (Highland) on the 1st. In the 24 hours ending at 0900 GMT on the 24th, 46.6 mm of rain fell at Keith (Moray). A wind gust of 68 mph was recorded at Capel Curig (Gwynedd) on the 23rd.

Weather impacts

It was a quiet start to June with settled weather across much of the country. Localised flash flooding was reported in west Cornwall on the night of the 7th/8th when storms produced nearly 40 mm in 3 hours.

There were unseasonably strong winds across parts of England and Wales on the 13th, with gusts over 50 mph in some exposed localities, and on the same day there were heavy downpours, locally large hail and some squally winds over eastern and north-east England.

There were a few thunderstorms in some southern and eastern areas of England on 20th and 21st, after which quieter weather returned again for the remainder of the month.

England diary of highlights

High pressure gave dry and sunny weather during the first ten days of the month, before a change to a more unsettled and particularly windy spell. The latter part of the month was mainly settled once more, with a few brief spells of rain but plenty of fine weather, and becoming warmer on the last day of the month.

Despite the prevalence of fine weather, temperatures for the month were below average towards the south and east; for East Anglia it was the coldest June since 1995. The mean temperature for England was 0.4 °C below the 1981-2010 average. Rainfall was below average in all but a few locations, with less than half the average in places, especially in the east and south-east. England overall received 58% but much of East Anglia

and south-east England received only a third. Sunshine totals were highest towards the north and west, and England overall had exactly 100% of the monthly long-term average.

1st to 10th:

It was settled to start the month, high pressure building from the south-west to give dry and sunny days from 1st till 6th. Temperatures were unexceptional, but rose to 25.0 °C at Solent (Hampshire) on 6th. The fine weather continued for most areas on 7th although showers broke out in southern counties during the day with thunder in Hampshire. It was again generally dry and sunny from 8th to 10th, the north-west faring best with temperatures into the low 20s.

11th to 16th:

A change to more unsettled conditions saw bands of patchy rain spreading from the south-west on 11th. The 12th saw showers and unseasonably strong winds for southern counties and the Midlands. The 13th continued unsettled, heavy showers and thunderstorms developing around the Midlands then spreading to Humberside and Lincolnshire. It was windy in the south with a gust of 60 mph recorded at Needles Old Battery (Isle of Wight). Showers continued in many areas on 14th although the south-east remained largely dry. On 15th a band of heavy showers and thunder spread from Wiltshire to the London area, with scattered showers elsewhere. A band of rain spread from the south-west on 16th across southern areas, but the north remained dry.

17th to 30th:

There was patchy rain for central areas on 17th with other areas dry and bright. The 18th was generally fine and bright with temperatures reaching the low 20s in many areas, although patchy rain affected Humberside and Lincolnshire. Dry and bright on 19th, and warm in any sunshine with temperatures at Herstmonceux (Sussex) reaching 26.4 °C. On 20th a band of at times heavy rain spread from the south-east, affecting eastern and central areas. The 21st was dry and bright for most areas but heavy showers broke out in the south-east in the afternoon. Rain or showers for many areas on 22nd were driven on by a strong westerly wind. The 23rd was cooler with a north-west wind, and heavy showers for the north-east. Apart from light, scattered showers for eastern coastal areas, it was dry and bright again on 24th. The 25th and 26th were dry and sunny although showers broke out on the east coast later on 26th. A band of rain spread from the west on 27th, not clearing eastern areas till evening. Another band of rain spread from the north-west on the morning of 28th and cleared to the east during the afternoon. It was fine and bright on 29th, and similar but warmer on 30th with Heathrow (Greater London) reaching 27.2 °C.

Wales diary of highlights

The first part of the month was dry and fine with plenty of sunshine, then there was a more unsettled spell toward mid-month. The second half brought a mixture of fine weather at times, briefly warm around 19th, interspersed with rain or showers.

Temperatures for the month were generally close to average, but a little below towards the east. The overall mean temperature was 0.4 °C below the 1981-2010 average. Rainfall was somewhat below average, with 73% of the long-term average for Wales overall. Sunshine totals were rather above average with 110%.

1st to 9th:

The period from 1st to 9th was dry and sunny, with plenty of fine, settled weather and little in the way of wind or rain. It became warm at times with a maximum temperature of 24.7 °C at Porthmadog (Gwynedd) on 7th.

10th to 17th:

It was cooler on 10th with increasing cloud, and light rain moved into western areas during the evening. The rain cleared by mid-morning on 11th, then it remained generally cloudy with isolated showers. The 12th was

cloudy with some rain in early afternoon and strengthening winds. Winds were strong in the south-west on 13th with a period of rain followed by sunshine and showers. The 14th had spells of rain and showers throughout the day. There were fewer showers on 15th and 16th with more spells of sunshine. A band of rain and showers died out by mid-afternoon on 17th.

18th to 19th:

The 18th was warmer with variable cloud and sunny spells. The 19th was mainly sunny and the warmest day of the year so far with 24.8 °C at Usk (Monmouthshire).

20th to 30th:

A band of patchy rain and showers moved north-west through the day on 20th. It was cloudy on 21st but some sunshine did break through. The 22nd was a day of sunny spells and showers. There was more widespread rain for most places on 23rd, with little or no sunshine. Dry and generally sunny on 24th but with more cloud inland, then dry and sunny for all on 25th and 26th. Cloud and rain spread in from the north-west on 27th. The 28th was mainly overcast with patchy rain at times. The 29th was mainly dry with sunny periods, and it remained dry again but more overcast on 30th.

Scotland diary of highlights

High pressure for the first ten days brought plenty of dry and bright weather, with warmth at times, but the middle third of the month was unsettled with rain and showers. Conditions remained more mixed in the latter part of the month with rain - particularly in the west - but also some drier spells.

Temperatures for the month were mostly near or just above average, and the mean temperature overall was 0.3 °C above the 1981-2010 average. Rainfall was below average except in the far south-west, and parts of the Highlands and the east coast had less than half their normal amount; the overall figure was 68%. Sunshine totals were near average for many, but it was duller in the far north. Scotland overall had 98% of the monthly long-term average.

1st to 10th:

A dry start for most on 1st, but a band of showery rain moved across the country later. Mostly dry, bright and warm on 2nd and 3rd with only occasional light showers. Dry, bright and warm on 4th with only a few light showers in the north. Early mist and fog in the east on 5th soon cleared, leaving a dry and bright day apart from some showers in the south. Mainly dry again on 6th, cloudy in the east at first but otherwise bright or sunny. Dry, warm and mostly sunny on 7th with 24.5 °C recorded at Glenlee (Kirkcudbrightshire). Apart from the odd shower, it was mainly dry and bright again on 8th. Dry and bright on 9th apart from a few showers in the south-west. Fine again on 10th, but cloudier in the south.

11th to 21st:

Dry at first for most areas on 11th but rain in the west spread across the country during the day. Showers or longer spells of rain for most areas on 12th, but these were mainly confined to the north and the south-west by the afternoon. Some showers on 13th, mainly in the south and the far north. Showers on 14th became heavier and more widespread through the day. The 15th was breezy, with showers or longer spells of rain especially in the south-west but mainly dry in the north-east. Dry at first on 16th but with showers in most areas by the afternoon. Some rain in the south-west at first on 17th but otherwise mainly dry with a few scattered showers. Rain in the north-west on 18th broke up as it spread slowly east. Showers in the north on 19th but dry in the south. The 20th saw rain in the north and west, but elsewhere it was dry until rain arrived in the south in the evening. Mostly dry on 21st apart from some scattered showers, mainly in the north.

22nd to 30th:

There were frequent blustery showers in all areas on 22nd, and it remained wet and windy on 23rd although some south-western areas escaped the showers. There were showers in the north during 24th to 26th, but it was drier and more settled elsewhere. On 27th the far north was mainly dry but most other areas had rain. Most areas were wet and windy on 28th but the rain cleared away to the east later. Mostly dry on 29th apart from some blustery showers in the north. Windy again on 30th with showers for most areas but mainly dry in the north-east.

Northern Ireland diary of highlights

High pressure for the first ten days brought plenty of dry, bright and warm weather, but towards the middle of the month it was unsettled with rain and showers. The latter part of the month brought a mixture of fine weather at times but also some cloudy and showery days.

Temperatures for the month were slightly above average overall, with the mean value 0.3 °C above the 1981-2010 average. Rainfall was above average, with an overall figure of 110%. Sunshine totals were slightly above normal, with 105% of the monthly long-term average.

1st to 9th:

Light rain in northern areas cleared as it spread south during 1st. The 2nd and 3rd were mainly dry but rather cloudy, with a few scattered showers later on 3rd. High pressure was firmly in control from 4th through to 10th, bringing dry, warm, sunny days with light winds and maximum temperatures generally 22-24 °C, but it was slightly cooler along the north coast with an onshore wind. It was dry throughout apart from the afternoon of 6th when a few scattered showers broke out inland.

10th to 16th:

After a fine, dry start, rain spread to all areas from the west on the afternoon of 10th. It was cooler on 11th with spells of heavy rain in the afternoon and evening. A dry bright start on 12th but there were showers later. The 13th saw rain then showers for most, heaviest in the north-east. A band of rain spread quickly from the west on 14th, clearing during the morning, but further rain, heavy at times, spread to all areas later and Ballykelly (County Londonderry) recorded a total of 39.8 mm. The rain cleared on 15th to leave an overcast but dry day apart from in the north where showers lingered. After further overnight rain, it dried up during the morning of 16th but showers then affected the north and east and sunshine remained scarce.

17th to 21st:

It remained rather cloudy on 17th and 18th but a little warmer and there were some showers, mainly in the east. A few showers early on 19th in the north, but otherwise a mostly dry day with sunny spells. Dull with some spells of rain on 20th, with further rain spreading in from the west during the night clearing to leave a dry but cloudy day on 21st.

22nd to 30th:

The wind turned to an easterly direction as low pressure brought periods of heavy rain or showers and strong winds at times during 22nd and 23rd, with little in the way of sunshine, and it was cooler during 23rd as well. The 24th to 26th were largely fine and bright, with high pressure taking charge. Rain in the morning of 27th cleared to leave a dry, cloudy afternoon. The 28th was mainly dry and bright apart from a brief period of rain around the middle of the day. It was cloudy and mainly dry on 29th and a fresh breeze developed later, which strengthened during 30th as rain cleared in the early afternoon, leaving behind dry, fresher conditions.

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