

June 2022

The averaging period used for the following assessment was 1991-2020.

The weather during much of June was mostly quiet and uneventful, though with a warm spell in mid-month which peaked on the 17th giving the warmest day of the year so far. It was showery at times, especially just after the warm spell and again in the closing days of the month.

The provisional UK mean temperature was 13.9 °C, which is 0.6 °C above the long-term average. Temperatures were highest relative to average in northern and eastern areas, particularly for maxima. Rainfall was slightly above average in some western areas, but towards the east it was a drier than average month, with 76% of average rainfall for the UK overall. Northern Ireland had a dull month, but most other areas were sunnier than average, with a UK figure of 114% of average.

The UK monthly extremes were as follows: A maximum temperature of 32.7 °C was recorded at Heathrow (Greater London) and Santon Downham (Suffolk) on the 17th. A minimum temperature of -1.5 °C was recorded at Altnaharra (Sutherland) on the 2nd. In the 24 hours ending at 0900 UTC on the 4th, 94.2 mm of rain fell at Criccieth (Gwynedd). A wind gust of 51 knots (59 mph) was recorded at Capel Curig (Gwynedd) on the 10th.

Weather impacts

Despite some spells of fine settled weather during June, there were various episodes when heavy showers and thunderstorms affected a few localities, bringing temporary disruption. During the Platinum Jubilee weekend, thunderstorm warnings were issued for parts of Wales and southern England. A very localised storm affected Criccieth (Gwynedd) on the 3rd, with surface water flooding along the town's main street, manhole covers being forced up and a few properties being inundated. The following day saw surface water flooding in and around Kingsbridge, south Devon as a band of locally torrential thundery rain moved through during the morning.

The weekend of the 18th/19th saw further thundery activity across parts of southern and eastern England as a cold front displaced an incursion of very warm air. Lightning strikes were the likely cause of various power outages across Devon and Cornwall on the 18th, and later that day the First Light Festival at Lowestoft (Suffolk) was temporarily suspended due to torrential downpours and frequent lightning.

The closing days of the month saw several localised incidences of heavy rain and thunderstorms. On the 30th, intense rainfall caused flooding along sections of a railway line in south-west England with service cancellations and trains running at reduced speed.

England diary of highlights

This month saw plenty of fine and settled weather, but also some showers during the first week and the final week. Around mid-month there was a short very warm spell, felt most in south-eastern areas. Overall it was slightly warmer, drier and sunnier than average.

Mean temperatures for the month were 0.5 °C above average, with eastern areas being warmest relative to normal. Maximum temperatures were over a degree above normal in eastern areas, while minima were just below average in parts of the south. Rainfall was below average in many areas, especially on the eastern side, with 69% of average. Sunshine was broadly above normal, again with the east faring best, giving an overall figure of 118%.

1st to 8th

Showers developed widely through the morning of the 1st away from the south-west, dying away during the afternoon, leaving just a few over the north-west by evening. The 2nd started fine, cloud increasing in many places from late morning with showers developing over the north, some turning locally heavy and thundery in the afternoon. Northern areas had showers or longer spells of rain on the 3rd, dying out later, with brighter weather elsewhere but showers developing over central and southern parts in the afternoon, locally heavy and thundery. The 4th started sunny in the north-west, but showers over the Midlands and south merged to give longer spells of rain at times, some turning heavy and thundery over Dorset, Devon and Cornwall from late morning, but becoming more isolated by evening. The 5th was cloudy and chilly, with a maximum at Pennerley (Shropshire) of only 9.2 °C; patchy mist and fog in some southern counties soon cleared, with rain through the Midlands, persistent and very heavy in places, moving northwards through the morning, becoming lighter and more showery, while further showers developed over some southern counties by mid-afternoon, quickly becoming prolonged and heavy. Eastern areas started wet on the 6th, the rain clearing away by mid-afternoon, but with more showers developing along southern coastal counties from late morning and persisting until the evening. Patchy fog in the Midlands soon burned off on the 7th, then it was generally bright, with showers across eastern and southern coastal counties slowly spreading into central parts by evening. The 8th began with rain for northern and eastern counties and showers for the south-west, the rain clearing away by mid-morning but showers developing over most places from late morning onwards, some turning heavy and thundery.

9th to 13th

Central and eastern counties started fine on the 9th, with more cloud in the north, while bands of rain or showers over the south-west spread steadily eastwards to reach all parts by late afternoon. The 10th saw some sunshine and only isolated showers. The 11th was bright and rather breezy, with any showers mainly in the north. There was sunshine again for most on the 12th, though with showers developing over the north by midday. Some areas started sunny on the 13th, but all areas were cloudy by lunchtime, with patchy rain developing over the far north, while southern areas became brighter again during the afternoon.

14th to 23rd

It became steadily warmer during the next four days. The 14th was mainly sunny, especially towards the south. The 15th was sunny for the bulk of the country, with cloud and patchy light rain for the north soon clearing away, then a few showers developing in the Midlands late in the afternoon, with temperatures in the south-east reaching the high 20's Celsius. The 16th was fine again, turning very warm in the south-east once more, but some showers developed over central and south-western parts in the afternoon. The 17th was sunny for most areas, with some places in the south-east into the low 30's Celsius, London Heathrow and Santon Downham (Suffolk) both reaching 32.7 °C, but cloudy with rain spreading into northern counties from early afternoon, tending to fizzle out by evening. It was a mild night with London St James's Park not falling below 19.6 °C overnight, then cloudy for most places on the 18th with mainly light rain through central and southern counties, the wind and rain intensifying generally over these parts, persisting for the rest of the day and turning locally heavy, with isolated embedded thunderstorms in the mix especially over the far south-west, Needles (Wight) recording gusts to 55 mph. Cloud amounts were variable on the 19th, with showers for the north-west, and longer spells of rain spreading into southern and central areas during the afternoon, with isolated thunderstorms for the south-east. Some places had a cold and clear night, Shap (Cumbria) falling to 1.0 °C, with any showery remnants clearing away from the south-west during the morning of the 20th, then fine everywhere, Morecambe (Lancashire) sunniest with 16.0 hours. The 21st was sunny for most, but cloudier in the north with patchy light rain and drizzle in places. The 22nd was sunny and warm,

temperatures reaching the high 20's Celsius in some central and southern parts, and Weybourne (Norfolk) recording 16.0 hours of sunshine. Most places began sunny on the 23rd, but the south-east already had showers, these spreading steadily north and west through the day, turning thundery over the north-west later.

24th to 30th

Most places began cloudy on the 24th, with scattered showers already over the south-west and more showers developing through central and northern counties by the afternoon, some turning locally heavy and thundery, and more showers or longer spells of rain spreading from the south-west towards the Midlands by evening. Some areas saw sunshine to start the 25th, but showers already over the south-west spread quickly east and north to all but the south-east and East Anglia, turning heavy and thundery over western counties. All areas started fine on the 26th, with isolated showers in the south, persisting in the south-west, and rain spreading across the north during the morning, Mickleden Farm (Cumbria) the wettest place with 55.4 mm. The 27th started cloudy except in the south-east, with showers or longer spells of rain, heavy at times over the north-west, spreading eastwards but turning more showery; it became drier in the west but isolated thunderstorms continued across parts of the east Midlands and south-east during the afternoon. After a sunny start for the Midlands and the south-east on the 28th, all areas were cloudy by midday, with rain spreading erratically east to affect the north, the West Midlands and the south-west by evening. Rain soon cleared from the east coast on the 29th, but with showers developing across northern and western parts, while the south and east stayed predominantly dry. Most places started dry on the 30th, but showers affected a few places during the morning, developing more widely by afternoon, particularly in the south and the Midlands, with some turning heavy and thundery, and rain brushing along the coast of Kent and East Anglia as well.

Wales diary of highlights

Much of the month was quite settled, although it was showery at times during the first week. After some fine and warm weather, the latter part of the month was more unsettled and rather cooler.

Mean temperatures for the month were provisionally equal to the long-term average, with maxima marginally above average and minima a little below. Rainfall was mostly below average, especially towards the north, with 78% of average overall. Sunshine was mostly near or just above average, with 107%.

1st to 7th

The 1st started with a few showers and longer spells of rain, followed by a drier and brighter afternoon. After a fine start on the 2nd, cloud increased by the afternoon, with showers or longer spells of rain developing over the north later. The 3rd brought some brightness, but also some showers, heaviest and occasionally thundery in the north, Criccieth Sewage Works (Gwynedd) being wettest with 94.2 mm of rain. Showers merged into longer spells of rain at times on the 4th, but became fewer in the afternoon with the weather brightening up. The north had rain, sometimes heavy and persistent, during the morning of the 5th, with showers further south, becoming more widespread through the afternoon, ahead of further persistent and heavy rain spreading into the south by early evening; cool too with Lake Vyrnwy (Powys) struggling to only 9.5 °C. The 6th was cloudy with patchy light rain or showers. Patchy fog in the north soon cleared on the 7th, then it was bright for a time before showers developed over the south, these spreading north through the rest of the day.

8th to 17th

The 8th was rather showery, some of the showers heavy especially in the south, but becoming more isolated by late afternoon. The 9th was cloudy with bands of rain or showers crossing the

country, turning drier and brighter later in the afternoon. Showers were much more isolated on the 10th, but it was windy, with gusts to 59 mph being recorded at Capel Curig (Gwynedd). The 11th was a day of sunshine and showers. It was fine on the 12th with only isolated afternoon showers for the north. The 13th was dry but mostly cloudy. After a cold night, St Harmon (Powys) falling to -1.0 °C, the 14th was sunny once any early low cloud had burned off. The 15th was mostly fine, but a few showers broke out by the afternoon in central and northern parts, clearing by early evening. The 16th was mainly fine and warm, with just a few isolated showers in the south during the afternoon. After a mild night, Colwyn Bay (Clwyd) not falling below 17.5 °C, the 17th was sunny and warm, Cardiff Bute Park reaching 28.4 °C, but coastal areas were cooler with low cloud at times.

18th to 22nd

The 18th was a lot cooler, and very wet with persistent and occasionally heavy rain for all parts, and some thunderstorms especially in the south. Mostly cloudy on the 19th, with showers for a time later in the far south. The 20th was sunny, with 15.5 hours' sunshine at Tenby (Dyfed), followed by warm sunshine again on the 21st and 22nd.

23rd to 30th

Cloud increased from the south-east during the 23rd, with showers or longer spells of rain spreading to most parts, turning heavy and thundery over the west. Bands of showers moved across the country through the 24th, turning particularly wet in many places during the afternoon. The 25th brought sunshine and locally heavy and thundery showers. The 26th was similar, the showers merging into a band of rain. Morning showers on the 27th cleared away eastwards, then it was brighter for a time before cloud increased again into the evening. Showers or longer spells of rain were mainly confined to western parts in the morning, but the rain spread east to all parts by early evening. The 29th was rather cloudy and showery. Widespread showers developed during the 30th, turning heavy and thundery in places in the afternoon.

Scotland diary of highlights

The first part of the month was quite settled over Scotland, though towards the middle of the month it was cooler and more showery. It was then drier and warmer at times, though the last week was more unsettled.

The provisional monthly mean temperature was 0.8 °C above average, with the north-east being warmest relative to average. Rainfall was well below average in some parts of the east, but above average in the west and south-west, with an overall figure of 80%. Sunshine was above average in the north and nearer average in the south, with 116% of average overall.

1st to 7th

There was some sunshine on the 1st, with showers in places. Some places started cold on the 2nd, Altnaharra (Sutherland) falling to -1.5 °C; any local mist and fog patches cleared, then some sunshine, but showers developed over some areas from late morning, some turning thundery in the afternoon, and rain just skirting the Borders later, with the best conditions in the west, Stornoway (Western Isles) recording 16.4 hours of bright sunshine. The remnants of overnight rain over the Borders died out early on the 3rd, then it was mostly fine, with isolated showers for western and south-western parts, and Fair Isle (Shetland) recording a maximum of only 10.7 °C. The 4th was broadly sunny and warm. Low cloud soon cleared on the 5th, but cloud spread from the south, with light and patchy rain affecting the Borders by evening. Many areas were fine on the 6th, with patchy light rain over the Borders and more cloud along the east coast. The 7th began cloudy, but the cloud burned off through the morning, leading to a sunnier afternoon with just a few showers developing over the Borders late in the day.

8th to 17th

An area of persistent and occasionally heavy rain over central and southern areas moved steadily north through the morning of the 8th, fizzling out by evening, with showers and isolated thunderstorms developing over the south during the afternoon. The 9th was generally cloudy, with patchy light rain for central parts first thing, then bands of mainly light rain or showers moving west to east through the afternoon. The 10th was windy, with showers affecting all parts at some point, becoming more frequent, locally heavy and merging at times into longer spells of rain through the afternoon, with thunderstorms for some central and north-eastern parts towards evening, the wettest place being Tyndrum (Perthshire) with 41.2 mm. The 11th continued windy, with persistent and heavy rain over the west and showers for most other parts, some turning heavy during the afternoon. Showers were widespread and frequent on the 12th. It remained dull and cloudy on the 13th, with rain, drizzle or showers affecting most places through the day. The 14th saw rain over central and northern parts, moving bodily east through the day and turning lighter and showery by evening. Central and southern counties were fine on the 15th, but the northern half of the country was cloudy, with showers or longer spells of rain over western and northern coastal areas, and more persistent and occasionally heavy rain reaching the south-west by evening. The eastern half started sunny on the 16th, while the west was cloudier with showers spreading east to all parts by lunchtime, merging to produce prolonged periods of rain; it became drier for a time late afternoon, but more rain reached western parts by evening. It was mild overnight into the 17th with Edinburgh Botanical Gardens not falling below 14.8 °C, then wet and windy for most with widespread rain, occasionally heavy, eventually clearing away south by late afternoon, then all areas turning drier and brighter, and Lerwick (Shetland) recording gusts to 56 mph.

18th to 24th

Showers were confined to the west and north on the 18th, with other areas fine. The 19th was mostly cloudy, with scattered showers in the north and west, but most areas became gradually brighter through the afternoon. Sunshine on the 20th gave way to increasing cloud from the north by late morning, spreading into central parts by evening, with showers or longer spells of rain moving into the north during the afternoon. The 21st was cloudy, with rain and drizzle over the Borders clearing by lunchtime, and more patchy rain for the north-east during the afternoon. The 22nd began cloudy, slowly brightening up through the morning, but with showers or longer spells of rain affecting the north from mid-morning. Many places started cloudy on the 23rd, but the afternoon was generally brighter, and very warm with temperatures at Floors Castle (Roxburghshire) reaching 26.3 °C. The night was very mild, with both Nunraw Abbey (East Lothian) and Great Cumbræ Millport (Bute) recording minima of 14.8 °C, then the 24th was mostly cloudy with isolated showers, brightening up enough to trigger some showers and thunderstorms over the Borders from late afternoon, these spreading into central and northern parts by evening.

25th to 30th

The next few days were wet and often windy. Showers on the 25th were generally scattered, heaviest for a time over the west, but turning thundery over the Borders from mid-afternoon. After a fine start for most on the 26th, rain, occasionally heavy, already in the west and south spread steadily north-eastwards to reach all except the far north-east, turning more showery during the afternoon. The 27th started wet in the south, with showers or longer spells of rain, occasionally heavy in places, turning more showery through the morning and spreading east and north to all parts by mid-afternoon, with further rain reaching western districts by evening. The 28th brought more rain, occasionally heavy, affecting all areas through the day, most especially over the west and south. Showers continued for most places throughout the 29th. Rain for north-eastern, central and southern parts on the 30th cleared away by noon, with showers developing across all areas in the afternoon, some turning heavy and thundery.

Northern Ireland diary of highlights

The month began with a period of rather benign weather, though it became wetter and windier towards mid-month. It was warmer and drier for a time, before concluding with a cooler and more unsettled spell.

The mean temperature for the month was 0.4 °C above average. Rainfall totals amounted to 104% of average. In contrast to the rest of the UK, it was a dull month, with just 72% of average sunshine, making it provisionally the ninth dulllest June in a series from 1919.

1st to 7th

The 1st was a fine day. It was cold overnight into the 2nd in some sheltered spots, Katesbridge (Down) recording a minimum of 1.0 °C, then remained generally cool as rain spread steadily over the country by the afternoon, turning heavy at times, but becoming showery in nature late in the day, and temperatures reaching only 12.5 °C at Banagher Caugh Hill (Londonderry). The 3rd was cloudy and rather showery, with a few longer spells of rain developing, heavy at times, but the afternoon was brighter with showers easing. The 4th was sunny, Aldergrove (Antrim) recording 15.1 hours of sunshine. The north stayed fine on the 5th, while cloud increased from the south with light rain or showers at times. The 6th was cloudy with patchy light rain at times. The 7th was mostly sunny, but cloud increased later with rain into the west by early evening.

8th to 16th

Scattered showers on the 8th were displaced by an area of persistent and occasionally heavy rain which crossed the country through the afternoon. Rain already in the west early on the 9th spread steadily east, reaching all parts by mid-morning on strong winds but turning lighter and more showery in nature, with the afternoon becoming brighter and any scattered showers tending to die away into the evening. The 10th continued windy and showery, with some heavy showers by the afternoon, including isolated thunderstorms in the south for a time. The 11th was rather cloudy with frequent showers, followed by further blustery showers on the 12th. The 13th continued rather dull, with outbreaks of patchy light rain or drizzle through the day. Scattered showers during the morning of the 14th were followed by increasing cloud into the afternoon, with rain just skirting the far north by the evening. Cloud amounts were variable on the 15th, with showers developing after lunch followed later by an area of persistent and occasionally heavy rain. Showery outbreaks of rain affected all parts on and off through the 16th.

17th to 23rd

After a mild night, Katesbridge (Down) not falling below 15.0 °C, the 17th had a wet morning with widespread and occasionally heavy rain, clearing southwards by mid-afternoon, but remaining cloudy. The morning of the 18th saw patchy light rain in a few places, but the afternoon was brighter with scattered showers. Further scattered showers on the morning of the 19th gave way to a brighter afternoon. The 20th was sunny until late afternoon, with temperatures at Portglenone (Antrim) reaching 22.3 °C. The 21st and 22nd were generally cloudy, with outbreaks of patchy light rain and drizzle at times. The 23rd brightened up in the afternoon, with a few isolated showers in the west.

24th to 30th

A bright start on the 24th steadily gave way to showers or longer spells of occasionally heavy rain, mainly over the west. Rain, occasionally heavy, fell in most parts on the morning of the 25th, but became confined to the west by lunchtime, the afternoon becoming brighter but with showers locally heavy. The 26th was very wet with widespread and occasionally heavy rain clearing by mid-morning, replaced by frequent, heavy and blustery showers and isolated thunderstorms, Killylane (Antrim) recording 24.4 mm of rain. There was some sunshine on the 27th, with

showers, locally prolonged, and more general rain spreading to all parts from mid-afternoon. Widespread and occasionally heavy rain on the 28th cleared east by lunchtime, replaced by sunshine and locally heavy showers; windy too with Orlock Head (Down) recording gusts to 55 mph. Rain for eastern parts cleared away by lunchtime on the 29th, followed by frequent showers, some turning heavy and thundery for a time later. The 30th brought some showers, heaviest in the east, and also sunny intervals.