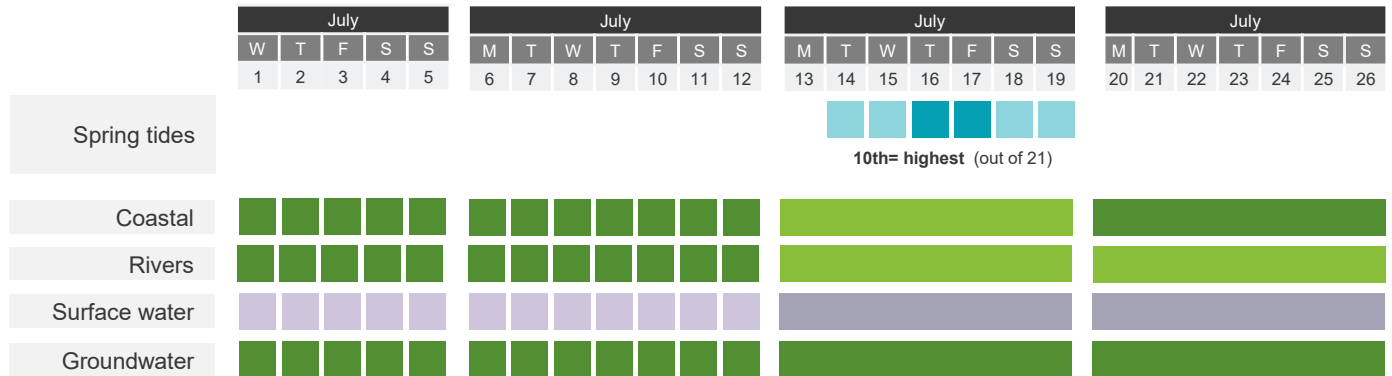


Flood Forecast for England and Wales

Localised surface water flooding remains possible at times.

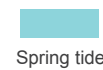


The forecast is made at a national scale to provide an overview for England and Wales.

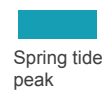
Key



The key shows likelihood of flooding compared to a neutral situation, (which is when there is no indication of increased or reduced likelihood of flooding in the forecast)



Spring tide dates



Spring tide peak

Number shows the rank of the spring tide out of the number of notable spring tides in the calendar year

Headlines

- Surface water flooding is the most likely form of flooding at this time of year

Coastal

- Spring tides are expected in Mid July, however there is no significant signal for strong winds at this time
- Localised impacts are possible, but are unlikely to elevate the flood risk beyond minimal

Rivers and Surface Water

- Surface water impacts are the most likely form of flooding at this time of year, there is a weak signal for an increased chance of wetter weather mid to late month, but the risk is largely typical for the time of year
- Rivers are expected to remain mostly steady at normal or below-normal levels throughout the period

Weather and Hydrological Assessment

- Weather is expected to be largely typical for the time of year, with some warm and dry spells and occasional rain or showers, and thunderstorms at times
- With river and groundwater levels low in most areas, any periods of rainfall are not likely to result in increased fluvial flood risk

Groundwater

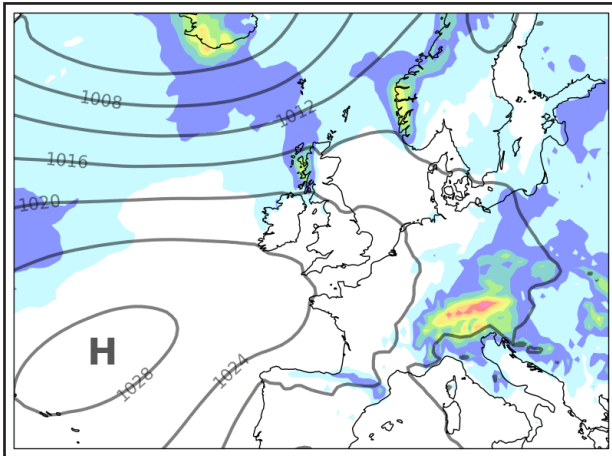
- Groundwater levels are expected to continue to steadily fall in most areas
- Groundwater flooding impacts are not expected

Flood Forecast

Weather Assessment

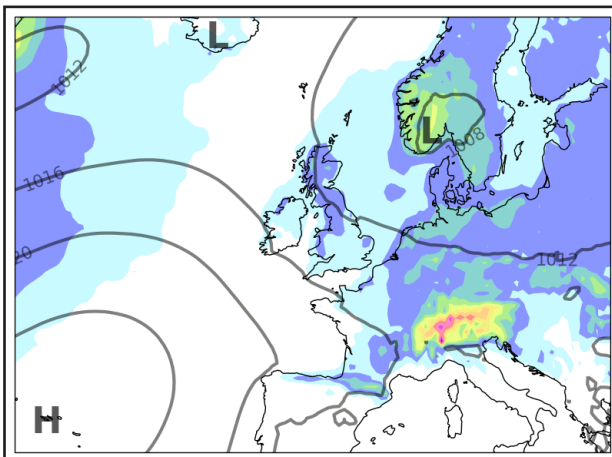
Hydrological Assessment

Q and A



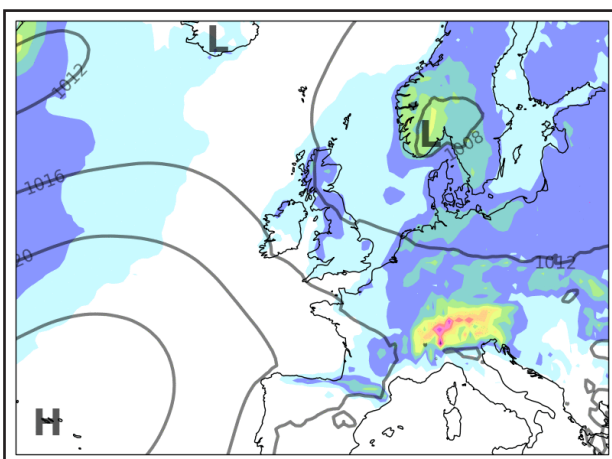
Early July

- High pressure established to the southwest
- Largely warm and dry weather although high pressure may be displaced at times to allow more unsettled weather to affect England and Wales



Mid July

- A mixed period of weather is signalled with synoptic patterns likely to be high pressure influenced, bringing a northwesterly flow or a blocked pressure pattern
- Weak signal for the wettest weather in July to occur in this period, with unsettled spells or thundery showers possible, as expected for the time of year



Late July

- A continuation of a mixed period of weather with low pressure to the northeast of the UK and high pressure to the SW bringing a northwesterly flow
- Unsettled interludes remain possible, perhaps as a result of thundery rain and showers

Key



- Dominant pressure pattern shown by isolines
- Filled, coloured contours show typical daily precipitation distribution (mm/day)

Met Office 3-month outlook July to September

- The chances of this period being wet or dry are fairly balanced
- 15% chance the season will be dry. This is x0.8 the normal chance
- 60% chance the season will be near average. This is x1.0 the normal chance
- 25% chance the season will be wet. This is x1.3 the normal chance

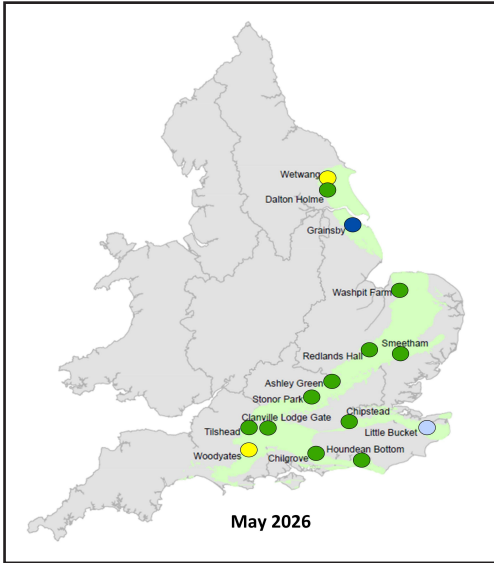
[View and download the full Met Office 3-month Outlook](#)

Flood Forecast

Weather Assessment

Hydrological Assessment

Q and A

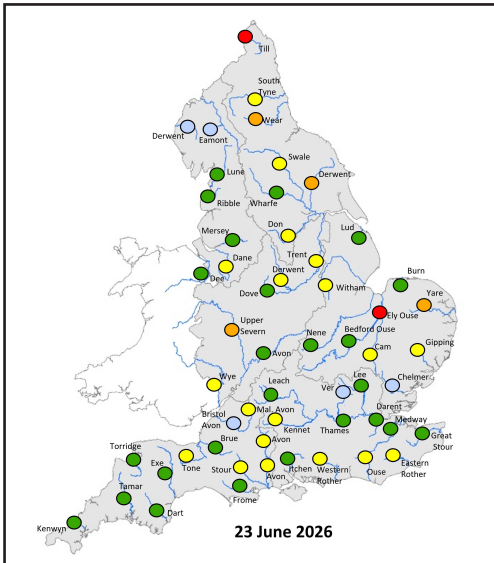
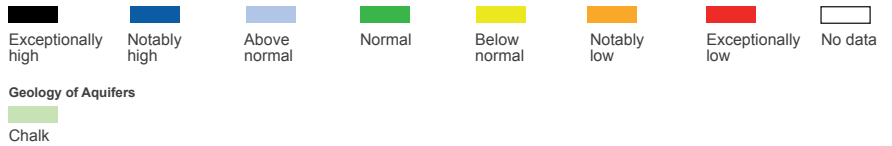


Observed groundwater levels

The map shows groundwater levels at indicator locations relative to historic levels for the month, where groundwater presents a flooding risk. For areas not shown, groundwater flood risk is very low.

- Groundwater levels during May were mainly normal
- Levels are expected to continue to steadily reduce through this period, this is unlikely to be reversed by any spells of rain

Key

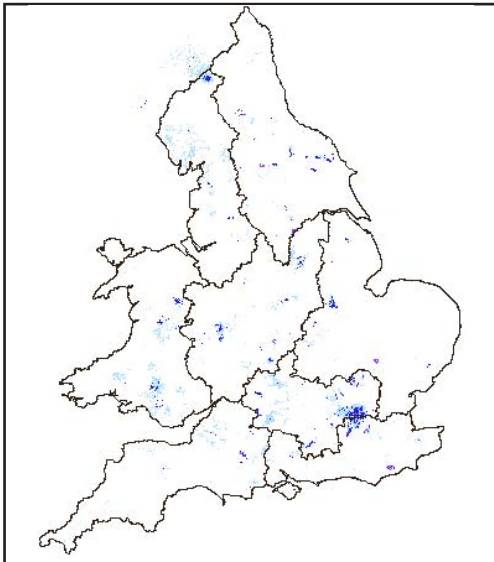


River flows

For mid-month issues the map shows monthly mean river flows for England and Wales, relative to historic means for the month. For end of month issues the map shows daily mean river flows for England only, relative to historic daily mean flows for that time of year.

- Daily mean river flows were mainly normal or below normal
- River flows are expected to remain largely normal, or below normal through this period. Showers, or brief periods of rainfall are the most likely precipitation, with these unlikely to be prolonged enough to increase river levels

Key



Sensitivity to rainfall

The map shows sensitivity to rainfall based on the subsurface water storage relative to the historic maximum of the 2007 to 2015 monthly mean values.

- Rainfall sensitivity is Low for the vast majority of England and Wales on the 26th of June
- Sensitivity to rainfall is expected to largely remain low, enhancing the resilience of catchments to any spells of rain, but may temporarily increase locally after spells of rain

Key



Flood Forecast

Weather Assessment

Hydrological Assessment

Q and A

Who is the Flood Outlook for?

The Flood Outlook is for planners who need to make decisions at a timescale of 6 to 30 days. These users are aware of the complexities of this type of outlook and will include those factors in the decision-making process.

What does the Flood Outlook show?

The Flood Outlook provides decision-makers with an overview of when an increased or reduced likelihood of flooding is forecast. The assessment is made at a national scale to provide an overview for England and Wales.

What is the difference between the Flood Outlook and the Flood Guidance Statement?

The assessments in the Flood Outlook and Flood Guidance Statement (FGS) are different. This is because at different lead times different information is available at different scales.

The Flood Outlook is a national overview product showing likelihood of flooding. It:

- gives a broad indication of coastal and inland flooding in the next 4 weeks over England and Wales, excluding the first 5 days
- uses a simpler likely/unlikely scale rather than the detailed FGS levels of likelihood
- gives an indication of possible flood impacts in the headline and summary text

The Flood Guidance Statement (FGS) is a five-day county risk-based product. It:

- shows the forecast level of flood risk for the coming 5 days for surface water, river, groundwater, and coastal flooding
- uses a detailed risk matrix approach, based on a combination of both likelihoods and impacts
- forecasts at a county and local authority scale

When is the Flood Outlook issued?

The Flood Outlook is issued twice a month, on a Friday.

What information is the Flood Outlook based on?

The Flood Outlook is based on a combination of weather and tidal forecasts, hydrological conditions and professional judgement. The confidence of the forecast is reflected in the flood likelihood given. For current river flow information please refer to the [Environment Agency](#) and [Natural Resources Wales](#)

We classify notable spring tides as when the astronomical tide level is predicted to reach 2.4m OD(N) or higher at North Shields.

Does the Flood Outlook cover the whole of the UK?

The Flood Outlook covers England and Wales. It assesses the overall conditions over England and Wales as a whole.

Can I access training on the Flood Outlook?

There are short [Flood Outlook training videos](#) available online. We can also provide webinar training to organisations on request.

Can I ask for more information on the Flood Outlook?

Yes. Contact the Flood Forecasting Centre via ffcenquiries@environment-agency.gov.uk or **0330 135 4400**

How can I receive the Flood Outlook?

You can sign up to access the latest outlook by subscribing through your [Flood Forecasting Centre user profile](#), or by visiting the Met Office's [Hazard Manager tool](#).

Acknowledgements

The images on the second and third pages have been provided courtesy of Met Office, Environment Agency, Natural Resources Wales and the UK Centre for Ecology and Hydrology.