

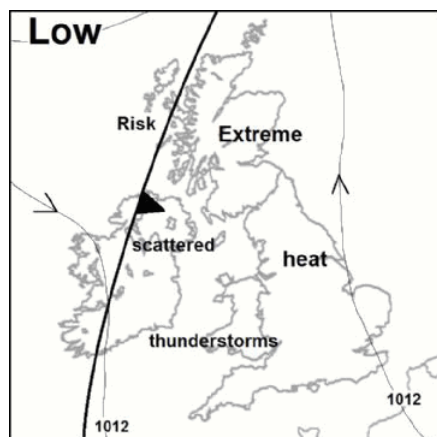
# Yorkshire Dales and North Pennines

The entire Yorkshire Dales National Park and North Pennines AONB, including the Three Peaks and Cross Fell, also south to Forest of Bowland and Ilkley Moor.



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## General Summary for Tuesday, 19 July, 2022



### British Mountain Summary:

#### Based on forecast chart for noon 19 July, 2022

Very hot with strong sunshine and high level cloud; beware extreme heat stress and dehydration. May reach 40C some eastern valleys in England, and 35C some eastern Scottish glens. Very gusty at times. Risk of thunderstorms in the west later. Significantly cooler air filters inland overnight; sharp drop.

### Headline for Yorkshire Dales and North Pennines

Extremely hot; strong sunshine and high cloud. May hit 40C eastern valleys

## Detailed Forecast for Tuesday, 19 July, 2022

<b>How windy? (On the summits)</b>	Southerly or variable; speeds may vary considerably - periods where little wind, up to gusty 30-40mph.
<b>Effect of wind on you?</b>	<b>Some lulls, but equally some sudden powerful gusts across the hills and running downslope; mainly early in day.</b>
<b>How wet?</b> (Precipitation and its impact)	<b>Dry most or all day</b> Toward evening or into night, increasing risk of isolated thunderstorms forming, although rainfall amounts may be very little due to very elevated cloud bases and dry air.
<b>Cloud on the hills?</b>	<b>Hills clear</b>
<b>Chance of cloud free summits?</b>	<b>100%</b>
<b>Sunshine?</b> Air clarity (below cloud)	Strong sunshine and varied high level cloud. Visibility good, but expect haze.
<b>How Cold? (at 700m)</b>	28C from before dawn (valleys lower), little change on tops, whilst dales rise to the mid to high 30s. Into night, falling toward 14C.
<b>And in the valleys</b>	Overnight temperatures likely staying near 20C; soon climbing again in the morning, reaching maxima of 34 to 38C, hottest in eastern Dales where locally perhaps 40C.

## Yorkshire Dales and North Pennines - Looking Ahead

	Wednesday 20 July	Thursday 21 July
<b>How windy? (On the summits)</b>	West to northwesterly in the range 15 to 30mph	Northwesterly 10 to 15mph, tending to drop out by afternoon.
<b>Effect of wind on you?</b>	<b>Blustery and for periods gusty conditions across the hills. Considerable chill across the hills given recent extreme heat.</b>	<b>Mostly negligible by the afternoon.</b>
<b>How wet?</b> (Precipitation and its impact)	<b>Risk bursts of thundery rain, may clear up.</b> Low confidence in the extent of the development of areas and extent of rain on western side of heat plume. Risk areas of thundery rain, may mostly clear up.	<b>Scattered showers, mainly in east.</b> Whilst most of the day may well be substantially completely dry, be prepared for some showers or bursts of rain at times; these mainly across eastern fells.
<b>Cloud on the hills?</b>	<b>Areas of low cloud, may break up later.</b>  Banks of low cloud likely at varying heights across the hills. Some breaks, perhaps between cloud layers. May lift and break up off hills as day progresses.	<b>Mostly very little</b>  A few patches possible some slopes early in the morning and again in and around any showers. Otherwise, bases above tops.
<b>Chance of cloud free summits?</b>	<b>30% lifting to 60%</b>	<b>80%</b>
<b>Sunshine?</b> Air clarity (below cloud)	Fairly cloudy, but some hazy sun may break through later. Visibility generally good or later very good. Poor in any thundery rain.	Occasional sun, but skies may fill in with cloud for periods.  Visibility very good.
<b>How Cold? (at 700m)</b>	10 to 13C, highest across the eastern Dales.	9 lifting to 12C
<b>And in the valleys</b>	19 to 22C; warmest in the east.	Lifting to 19 to 21C

## Planning Outlook

### All mountain areas of Britain from Wednesday, 20 July, 2022

After a day of extraordinary high temperatures on Tuesday, cooler air will arrive overnight into Wednesday with the bursts of rain and scattered thunderstorms, but local detail is very uncertain. A considerable rapid fall of temperature is expected, back close to average. These thundery bursts may linger across some central and eastern areas on Wednesday, but tending to ease away to the east with cooler west to northwesterly winds prevailing.

Later in the week, a fairly slack pressure pattern will bring fairly cloudy conditions with some slow-moving areas of showers developing. May become wetter and windier during the weekend.

### Forecast issued at 16:41 on Monday, 18 July, 2022

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