

Heatwave Planning Advice

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Forecast Issued on Monday, 18 July 2016 at 08:47

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Forecast for Mon 18 Jul 2016 to Fri 22 Jul 2016

General Situation: High pressure, warm air and light winds will result in widespread very warm conditions today, becoming locally hot, with isolated thunderstorms developing, these most likely across northern England.

Tonight temperatures fall a little, but then through tomorrow temperatures rise as very warm air pushes north from across the Continent. This will lead to widespread hot conditions, with increasing humidity as well. Tuesday evening and through much of Wednesday the very warm and humid air persists across England, and so the Tuesday night minimum temperatures will remain high, while intense thunderstorms may develop, these most likely across northern England. Wednesday fresher conditions gradually arrive from the west across England, clearing away the thunderstorms eastwards. Thursday and Friday the lower temperatures persist, although they will still be close to or slightly above average, with predominantly fine weather prevails for Thursday, and scattered sometimes heavy showers for Friday. Confidence is high that the trigger criteria are likely to be met across many regions from Tuesday, with a 40% chance of the trigger criteria being met earlier for the East Midlands - from midday today.

Forecast for Sat 23 Jul 2016 to Mon 01 Aug 2016

General Situation: Weather conditions will briefly become a little more settled for Saturday, although still one or two showers are possible. From Sunday onwards conditions are likely to turn more changeable with bands of rain at times, interspersed with brighter, but showery conditions. Western and northwestern parts should see the wettest weather, with the best of the drier and brighter conditions in the south and southeast. It will be breezy for most too, particularly across northern parts. Temperatures will be generally near average for most parts, though it may turn warm and possibly humid at times in the south.

Forecast for Tue 02 Aug 2016 to Tue 16 Aug 2016

General Situation: Through the first half of August a continuation of the changeable conditions is the most probable scenario, though a cool and wet spell of weather is possible through the early part of August. Otherwise, dry, bright and warm interludes are likely in between bands of rain and periods of scattered showers. Western and northwestern areas are likely to see the most rain, with southern and southeastern areas likely to be drier overall. Temperatures are likely to average out around normal, although with some warm days, though below average in wetter spell of weather early August.

Region	% Risk Day 1 to 5	% Risk Day 6 to 15	% Risk Day 16 to 30	Trigger criteria for each Region - Day/Night/Day (Deg C)
NE England	40	20	10	28/15/28

NW England	40	20	10	30/15/30
Yorks & Humber	60	20	10	29/15/29
West Midlands	60	30	10	30/15/30
East Midlands	80	30	20	30/15/30
East of England	80	30	20	30/15/30
SE England	70	30	20	31/16/31
London	60	30	20	32/18/32
SW England	60	20	10	30/15/30

For further information please refer to the NHS Heatwave - Plan for England.