

Peak District National Park

Forecast valid from 06:00 on Saturday 07 Aug 2021 until 23:59 on Sunday 08 Aug 2021

Forecast Issued on Saturday 07 Aug 2021 at 03:48

Confidence: High for unsettled conditions dominating this weekend, with showers and some longer spells of rain, some heavy and thundery. A trend towards more settled conditions by Tuesday.

Headline for Saturday 07 Aug 2021: Outbreaks of rain and drizzle will be replaced by showers, these heavy at times and also probably thundery. The showers may merge into longer spells of rain later.

Mountain weather hazards on Saturday 07 Aug 2021

Blizzards

No Likelihood

Heavy Snow

No Likelihood

Storm force winds

No Likelihood

Gales

Medium Likelihood

Severe chill effect

Low Likelihood

Poor visibility

Medium Likelihood

Thunderstorms

Medium Likelihood

Heavy persistent rain

Low Likelihood

Strong sunlight

Low Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
					
Drizzle	Cloudy	Light rain	Thunderstorm	Thundery showers	Heavy Rain
Precipitation probability					
60%	20%	70%	60%	60%	60%

Forecast for Saturday 07 Aug 2021

Weather: Cloudy with outbreaks of light rain or drizzle this morning, replaced by some brighter intervals but also scattered heavy showers this afternoon. Some showers will be thundery with a chance of hail, merging into longer spells of rain later, especially this evening.

Chance of cloud free mountain/hill tops above 600m: 20% across the south at first and 60% across the north of the park, becoming generally 90% by late morning but cloud bases lowering to 600m in more prolonged and heavier showers.

Visibility: Moderate or good with near-by hills visible at first below the cloud, and with very limited visibility within the hill fog. Also visibility becoming curtailed, with only immediate hills visible, within the heaviest showers.

Forecast for Saturday 07 Aug 2021

Height (m)	Wind Speed mean/gusts (mph)				Wind Direction (blowing from)		
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	21/28 S	21/29 S	19/28 S	15/22 SW	17/25 SW	21/30 SW	22/32 SW
300	16/23 S	17/26 S	16/25 S	12/18 SW	14/22 SW	15/23 SW	16/27 SW
Valley	9/21 S	12/24 S	12/24 S	8/17 SW	9/21 SW	11/23 SW	12/25 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/6	11/7	11/8	12/10	12/9	11/8	11/7
300	12/9	13/10	14/11	15/13	14/12	13/11	13/10
Valley	13/11	14/12	14/12	15/14	15/13	14/12	13/12
Freezing Level*	2200m	2300m	2500m	2500m	2600m	2600m	2500m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Strong and gusty winds across summits, with quite chilly conditions in heavy showers. Hail and lightning likely to be a hazard. Note change a slight in wind direction through today.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sat 07 Aug 2021	9.4mm	17.4mm	18.4mm

Forecast for Sunday 08 Aug 2021

Weather: A showery and largely cloudy start to Sunday, some of the showers still occasionally heavy. Sunday morning further showers will come along, often heavy and probably becoming thundery with hail. Brightening for the afternoon with current indications for drier conditions developing as showers become isolated and lighter, with sunny spells. Mainly dry conditions with a chance of a few showers for the evening with lighter winds.

Maximum wind: Westerly or southwesterly 20-25mph with gusts around 40mph.

Chance of cloud free mountain/hill tops above 600m: 0-20% for much of the morning becoming 90-100% during the afternoon as brighter weather develops.

Visibility: Moderate or poor for much of the morning with only near-by hills visible beneath the cloud and very limited visibility within the hill fog, becoming moderate or good in afternoon, perhaps very good by Sunday evening.

Temperature: **Valleys:** Plus 11 degrees Celsius becoming Plus 19 degrees Celsius.
At 600m: Plus 10 degrees Celsius becoming Plus 12 degrees Celsius.
Freezing level: Well above the summits.