

Peak District National Park

Forecast valid from 06:00 on Friday 05 Nov 2021 until 23:59 on Saturday 06 Nov 2021

Forecast Issued on Friday 05 Nov 2021 at 03:15

Confidence: High for changeable, occasionally unsettled pattern, but confidence lowering for detail of transitions between regimes.

Headline for Friday 05 Nov 2021: Mainly cloudy with showers.

Mountain weather hazards on Friday 05 Nov 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

| Weather and chance of precipitation at 600m | | | | | |
|---|---|---|---|---|---|
| Time | | | | | |
| 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
|  |  MIST |  MIST |  |  |  |
| Partly cloudy (night) | Mist | Mist | Cloudy | Cloudy | Cloudy |
| Precipitation probability | | | | | |
| 20% | 40% | 30% | 30% | 30% | 30% |

Forecast for Friday 05 Nov 2021

Weather: Mainly cloudy through the day and evening, with occasional showers, these mostly light. However also some brighter spells breaking through.

Chance of cloud free mountain/hill tops above 600m: 60%

Visibility: Good becoming moderate or poor in showers, very poor in hill fog with broken, occasionally extensive bases quite extensive above 500m.

Forecast for Friday 05 Nov 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 | 9/13 W | 12/17 SW | 13/19 SW | 15/21 W | 18/25 W | 17/24 W | 19/27 SW |
| 300 | 6/7 SW | 5/8 S | 7/11 W | 9/15 W | 11/18 W | 11/17 SW | 12/20 SW |
| Valley | 1/5 SW | 3/5 SE | 3/9 SW | 5/15 W | 7/17 W | 7/17 SW | 8/19 SW |

| Height (m) | Temperature / Feels Like (°C) | | | | | | |
|------------------------|-------------------------------|-------|-------|-------|-------|-------|-------|
| | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| 600 | 4/0 | 4/0 | 6/2 | 6/2 | 6/2 | 6/2 | 6/1 |
| 300 | 3/1 | 5/3 | 7/5 | 8/6 | 8/5 | 8/5 | 8/4 |
| Valley | 1/-0 | 4/3 | 7/6 | 8/7 | 8/6 | 8/6 | 8/6 |
| Freezing Level* | 1400m | 1700m | 1700m | 1800m | 1800m | 1700m | 1700m |

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

Meteorologist's View

Nothing to add.

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

| Recorded at | Last 24 hours: | Last 48 hours: | Last 72 hours: |
|--------------------------|----------------|----------------|----------------|
| 03:00 on Thu 04 Nov 2021 | 1.4mm | 3.2mm | 5.8mm |

Forecast for Saturday 06 Nov 2021

Weather: A few light showers between limited brighter spells at first Saturday. Band of occasionally heavy rain spreading from the west late morning, which clears around mid-afternoon, with only a few well scattered showers thereafter.

Maximum wind: Southwest increasing by late morning to mean 30-35mph with gusts reaching 55mph over most exposed ridges and summits. Winds easing as the rain band retreats east late in the day.

Chance of cloud free mountain/hill tops above 600m: 70% becoming 10% by late morning, before recovering 80% late in day.

Visibility: Becoming moderate or poor in rain and more sporadically in showers, very poor in hill fog with bases extensive above 500m late morning and early afternoon, particularly across western districts.

Temperature: **Valleys:** Plus 3 Celsius increasing 15 Celsius during the afternoon
At 600m: Plus 7 Celsius decreasing Plus 4 Celsius by late evening
Freezing level: Above all summits