

Peak District National Park

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

Forecast Issued on Friday 05 Feb 2021 at 02:30

Confidence: High for turning increasingly cold through the forecast period with periods of snow developing and occasionally strong easterly winds, but lower with regard to cloud and snow amounts.

Headline for Friday 05 Feb 2021: Rather cloudy, best of any brighter spells in south, with a little rain at times.

Mountain weather hazards on Friday 05 Feb 2021

Blizzards

No Likelihood

Heavy Snow

No Likelihood

Storm force winds

No Likelihood

Gales

No Likelihood

Severe chill effect

Low Likelihood

Poor visibility

Medium Likelihood

Thunderstorms

Low 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
					
Cloudy	Cloudy	Cloudy	Light rain showers	Light rain showers (night)	Light rain showers (night)
Precipitation probability					
20%	20%	20%	30%	40%	50%

Forecast for Friday 05 Feb 2021

Weather: There is a risk of some rain in the north on and off through the day, but some bright or sunny spells developing across more southern hills. Some showers developing in southern areas for the afternoon, with a slight chance of a thundery shower. Cloud returns in the evening with outbreaks of rain developing more widely again.

Chance of cloud free mountain/hill tops above 600m: 30% in the north but becoming around 60% in the south through the middle of the day.

Visibility: Periods of persistent cloud above 300-450m, but nearer 600m in west, with cloud in the south becoming more occasional above 600m for a time between late morning and late afternoon. Away from cloud, visibility good falling to several kilometres in rain.

Forecast for Friday 05 Feb 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	8/10 S	10/13 S	10/14 S	11/15 SE	14/20 E	14/20 E	14/20 E	
300	6/10 S	9/14 S	9/13 S	8/13 SE	9/16 E	10/17 SE	10/17 E	
Valley	3/9 SE	4/11 SE	5/11 SE	6/13 SE	7/16 E	8/18 E	8/18 E	

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/1	4/0	4/0	3/-1	3/-2	2/-3	2/-4
300	5/3	5/2	6/3	6/3	5/2	4/1	4/0
Valley	5/4	5/4	7/5	7/5	5/2	5/2	5/2
Freezing Level*	1200m	1100m	1000m	1000m	1000m	1000m	1000m

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

Meteorologist's View

Rainfall figures look artificially high, perhaps due to snow melt. Observations nearby suggest figures closer to 5-10mm in last 24 hours.

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

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Fri 05 Feb 2021	99.8mm	204.6mm	248.2mm

Forecast for Saturday 06 Feb 2021

Weather: Mostly cloudy with outbreaks of rain, sleet and increasingly snow, most persistent in the east.

Maximum wind: Easterly or northeasterly 15mph slowly increasing 20-25mph with gusts to 35-40mph, perhaps 45-50mph during the evening.

Chance of cloud free mountain/hill tops above 600m: Little chance throughout.

Visibility: Periods of persistent cloud above 300-450m, but nearer 600m in west. Away from cloud, visibility good falling to several kilometres in rain and perhaps a kilometre in snow.

Temperature: **Valleys:** Plus 2 or 3 Celsius at dawn rising to plus 4 or 5 Celsius by day.

At 600m: Plus 2 Celsius gradually falling to minus 3 Celsius

Freezing level: Above the summits gradually falling to 300m.