

Peak District National Park

Forecast valid from 06:00 on Friday 01 Jan 2021 until 23:59 on Saturday 02 Jan 2021

Forecast Issued on Friday 01 Jan 2021 at 01:07

Confidence: High confidence for a settled but cold period of weather over the next few days as high pressure builds over northern UK for a few days. Lower confidence for precipitation details.

Headline for Friday 01 Jan 2021: Hill fog and patchy light sleet or snow, then broken cloud and perhaps a few showers. Cold.

Mountain weather hazards on Friday 01 Jan 2021

Blizzards

No Likelihood

Gales

No Likelihood

Thunderstorms

No Likelihood

Heavy Snow

No Likelihood

Severe chill effect

Medium Likelihood

Heavy persistent rain

No Likelihood

Storm force winds







No Likelihood

Poor visibility

Medium 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
					
Light snow	Light snow	Sleet	Sleet	Cloudy	Partly cloudy (night)
Precipitation probability					
60%	30%	20%	20%	20%	10%

Forecast for Friday 01 Jan 2021

Weather: Outbreaks of rain, sleet and snow at first, accompanied by widespread low cloud. Gradually becoming dry, but with limited bright or sunny intervals. Late afternoon cloud will gradually lift and break, leaving clear spells this evening with a frost developing.

Chance of cloud free mountain/hill tops above 600m: This morning 20% with widespread cloud around 400m shrouding the tops. This afternoon becoming 40% across eastern and northern areas, and 60% elsewhere as cloud gradually lifts and breaks. This evening becoming 80% across the Peak District, with only small patches of cloud remaining above 600m.

Visibility: Moderate or poor, and very poor with hill fog, gradually improving very good later today.

Forecast for Friday 01 Jan 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	9/15 N	13/20 N	13/19 N	14/20 N	15/22 N	12/20 N	9/16 N
300	5/7 E	7/10 W	8/12 W	7/13 NW	7/13 N	6/9 NW	6/9 W
Valley	1/7 E	2/10 NW	3/12 NW	6/16 N	6/16 N	3/12 N	3/8 NW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	0/-4	0/-5	1/-5	1/-5	0/-6	-1/-6	-1/-6
300	-0/-3	0/-3	2/-2	3/-0	2/-1	2/-1	0/-3
Valley	-0/-2	0/-2	2/0	3/1	2/-0	0/-2	-1/-3
Freezing Level*	100m	300m	700m	700m	700m	500m	300m

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

Meteorologist's View

Freezing level rising temporarily during the day but still feeling very cold.

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

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Fri 01 Jan 2021	0.4mm	1mm	1.2mm

Forecast for Saturday 02 Jan 2021

Weather: Largely dry and clear overnight. During the day mainly dry with sunny morning, but then increasing cloud in the afternoon across eastern areas, which brings the chance of a few showers. Through the evening areas of cloud arriving from the east, and scattered showers, are more likely to arrive. Any showers will fall as sleet or snow above 300m.

Maximum wind: North or northwest becoming north or northeast 10-15mph, gusts to 25 mph.

Chance of cloud free mountain/hill tops above 600m: 90% chance of cloud free tops until the afternoon. Decreasing 60% across northern and eastern areas in the afternoon, and 30% in the evening, as areas of cloud 500m arrive. Elsewhere decreasing 40% in the evening.

Visibility: Very good in general, decreasing temporarily poor with the wintry showers, and very poor with hill fog.

Temperature: **Valleys:** Minus 3 rising to plus 1 Celsius.
At 600m: Minus 2 Celsius
Freezing level: Around 300m.