

Peak District National Park

Forecast valid from 06:00 on Saturday 09 Jan 2021 until 23:59 on Sunday 10 Jan 2021

Forecast Issued on Saturday 09 Jan 2021 at 03:58

Confidence: High for cold but dry for much of today, then turning milder for Sunday and unsettled from Monday, but confidence medium to low for the detail of timings and snow levels in the worst of the later weather.

Headline for Saturday 09 Jan 2021: Dry, cold with sunny spells today. Becoming cloudy this evening with a chance of patchy rain, sleet or snow developing across western areas.

Mountain weather hazards on Saturday 09 Jan 2021

Blizzards

No Likelihood

Heavy Snow

No Likelihood

Storm force winds

No Likelihood

Gales

No Likelihood

Severe chill effect

Medium Likelihood

Poor visibility

No 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
					
Partly cloudy (night)	Sunny intervals	Sunny intervals	Sunny intervals	Partly cloudy (night)	Cloudy
Precipitation probability					
00%	00%	00%	00%	00%	20%

Forecast for Saturday 09 Jan 2021

Weather: Dry and fine today with spells of weak winter sunshine, but icy conditions are likely to persist at height throughout today, especially in shaded areas. Cloud will thicken from the west this evening, bringing the chance of some patchy sleet and snow later this evening across western areas.

Chance of cloud free mountain/hill tops above 600m: By day near 100% becoming 40% late evening as bases lower and thicken becoming broken from 500-700m by midnight.

Visibility: Very good or excellent becoming a handful of kilometres in later sleet and snow.

Forecast for Saturday 09 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	5/7 S	8/10 SW	11/14 SW	15/20 SW	16/22 SW	17/24 SW	18/25 SW
300	2/3 SE	3/5 SW	6/9 SW	8/12 SW	9/16 SW	9/15 SW	9/15 SW
Valley	3/4 SE	2/5 S	3/7 SW	5/11 SW	5/15 SW	4/12 SW	4/12 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-1/-4	-2/-6	-2/-8	-3/-9	-3/-10	-2/-9	-2/-9
300	0/-1	-0/-2	-0/-4	-0/-5	-1/-5	-1/-5	0/-4
Valley	-1/-3	-2/-3	0/-2	0/-3	-1/-3	-1/-3	-0/-2
Freezing Level*	100m	00m	100m	200m	100m	100m	100m

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

Meteorologist's View

Very cold at height with a significant chill effect.

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

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Sat 09 Jan 2021	0mm	0.2mm	1.8mm

Forecast for Sunday 10 Jan 2021

Weather: Generally cloudy with some patchy light rain through the morning, falling as snow to quite low levels. Becoming largely dry, whilst staying cloudy, through the afternoon and evening. Widespread hill fog.

Maximum wind: West or southwest 25 mph gusts 40mph later in the day.

Chance of cloud free mountain/hill tops above 600m: 30% across eastern areas and zero across western areas, with bases broken from 450-650m

Visibility: In rain and at very low levels moderate or poor, but with the snow and hill fog very poor.

Temperature: **Valleys:** Minus 5 Celsius increasing plus 5 Celsius during the afternoon
At 600m: Minus 2 Celsius increasing from dawn plus 1 Celsius
Freezing level: 100m increasing to 900m