

Peak District National Park

Forecast valid from 06:00 on Tuesday 09 Feb 2021 until 23:59 on Wednesday 10 Feb 2021

Forecast Issued on Tuesday 09 Feb 2021 at 02:30

Confidence: High for bitterly cold conditions through the coming days. Low from Friday with uncertainty in the progress of weather fronts and bands of snow advancing from the south and west.

Headline for Tuesday 09 Feb 2021: Very cold with snow showers. Windy.

Mountain weather hazards on Tuesday 09 Feb 2021

Blizzards

Low Likelihood

Heavy Snow

Medium Likelihood

Storm force winds

No Likelihood

Gales

No Likelihood

Severe chill effect

High 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
					
Light snow	Light snow	Light snow	Light snow	Light snow	Light snow
Precipitation probability					
60%	60%	60%	60%	60%	60%

Forecast for Tuesday 09 Feb 2021

Weather: Bright or clear intervals and occasional snow showers, some heavy with an additional 5-10cm of new snow in places. Heaviest showers may bring temporary blizzard conditions with squally winds and blowing snow. Bitterly cold at all levels with severe wind chill. Lying snow will give deep drifts across paths.

Chance of cloud free mountain/hill tops above 600m: 40%, with cloud lowering to 400m at times in showers.

Visibility: Occasionally down to a few hundred metres or less at times in heavier showers. Spells of excellent visibility between showers but some blowing snow in the strong winds, will cover paths.

Forecast for Tuesday 09 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	21/27 NE	22/29 E	23/31 E	21/29 E	24/32 NE	23/31 NE	21/28 NE
300	14/21 NE	16/22 E	18/26 E	17/24 E	16/25 NE	15/24 NE	14/21 NE
Valley	10/22 NE	11/23 E	14/27 E	13/26 E	12/26 NE	10/24 E	9/21 NE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-6/-14	-6/-15	-5/-13	-5/-13	-6/-15	-6/-15	-6/-15
300	-3/-10	-3/-10	-2/-9	-2/-8	-3/-10	-3/-10	-4/-10
Valley	-3/-8	-2/-8	-0/-6	-1/-6	-2/-8	-3/-8	-3/-8
Freezing Level*	00m	00m	00m	00m	00m	00m	00m

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

Meteorologist's View

Bitterly cold at all levels. Full winter clothing and equipment will be required including full face coverings and goggles.

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

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Tue 09 Feb 2021	0mm	0mm	0mm

Forecast for Wednesday 10 Feb 2021

Weather: Bright or clear intervals and scattered snow showers. Bitterly cold at all levels with severe wind chill but winds gradually easing down.

Maximum wind: East or northeast 15-20mph, gusts 30mph, decreasing 10-15mph.

Chance of cloud free mountain/hill tops above 600m: 70%.

Visibility: Short spells of poor visibility down to a few hundred metres at times in showers with patchy cloud above 400 or 500m. Longer spells of excellent visibility between showers.

Temperature: **Valleys:** Minus 2C rising to Plus 1C.
At 600m: Minus 6C.
Freezing level: Ground frozen at all levels.