

Peak District National Park

Forecast valid from 06:00 on Friday 09 Feb 2024 until 23:59 on Saturday 10 Feb 2024

Forecast Issued on Friday 09 Feb 2024 at 04:08

Confidence: High for unsettled and generally mild weather, with the worst conditions today.

Headline for Friday 09 Feb 2024: Cloudy to overcast today with spells of rain, and hill fog.

Mountain weather hazards on Friday 09 Feb 2024

Blizzards No Likelihood	Heavy persistent snow No Likelihood	Storm force winds No Likelihood
Gales No Likelihood	Severe chill effect Low 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
					
Fog	Fog	Light rain	Light rain	Light rain	Cloudy
Precipitation probability					
70%	60%	60%	70%	50%	40%

Forecast for Friday 09 Feb 2024

Weather: Cloudy to overcast with spells of rain, this perhaps locally heavy at times this morning. Also possibly wintry over the highest peaks at first. Gradually becoming drier later today with some cloud breaks possibly developing, especially across southern areas. But with any clear spells low level patchy fog is likely to develop.

Chance of cloud-free hill tops above 600m: 10% of less across eastern areas until early afternoon, 40% across western areas. From mid-afternoon becoming 40-70%, with the best breaks developing across eastern areas.

Low cloud and visibility: Good becoming moderate or poor in rain and any early sleet or snow, and very poor within cloud. Extensive cloud above 200m across eastern areas at first, 600m in the west. Gradually becoming extensive above 600m in the west and occasional above 700m in the east through the afternoon and evening.

Forecast for Friday 09 Feb 2024

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	14/19 E	12/15 E	14/21 SE	13/19 S	15/21 S	16/22 SW	16/23 SW
300	16/24 NE	9/12 NE	10/16 SE	11/17 S	11/18 S	11/18 S	10/18 S
Valley	16/26 E	11/18 E	7/12 E	6/15 SE	6/16 S	7/17 S	6/17 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	1/-4	3/-1	6/2	5/2	5/1	4/-0	4/-1
300	2/-3	5/2	7/4	8/5	8/5	7/4	6/3
Valley	4/-1	5/2	6/4	8/6	7/6	7/4	6/3
Freezing Level*	1600m	1600m	1600m	1600m	1600m	1400m	1200m

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

Meteorologist's View

Widespread hill fog today making navigation difficult.

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

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Fri 09 Feb 2024	5mm	5mm	23.8mm

Forecast for Saturday 10 Feb 2024

Weather: Occasional bright and sunny spells with only a few light showers arriving, once any early patchy low level fog, and also patchy low cloud, gradually lifts and clears through the morning.

Maximum wind: South-southwest becoming southeast 15mph gusts 25 mph.

Chance of cloud-free hill tops above 600m: 40-70%, with the best breaks across eastern areas improving 90% or more during the day.

Low cloud and visibility: Good or very good becoming moderate or poor in any showers, and very poor within cloud. Bases extensive above 600m in the west and occasional above 700m in the east at first, gradually lifting above summits.

Temperature: **Valleys:** Minus 2 Celsius increasing 12 Celsius during the afternoon
At 600m: Plus 3-4 Celsius
Freezing level: Above all peaks