

Peak District National Park









Forecast valid from 00:00 on Tuesday 06 Feb 2024 until 23:59 on Wednesday 07 Feb 2024
Forecast Issued on Monday 05 Feb 2024 at 15:56

Confidence: High for generally unsettled, but lowering for the detail of worst conditions, particularly from Thursday.

Headline for Tuesday 06 Feb 2024: Overcast with periods of rain early, turning to snow at height, before clearing as dry, bright conditions feed from the north for the afternoon. Early summit gales easing. Freezing level lowering.

Mountain weather hazards on Tuesday 06 Feb 2024

Blizzards No Likelihood	Heavy persistent snow No Likelihood	Storm force winds No Likelihood
Gales Low Likelihood	Severe chill effect Low Likelihood	Poor visibility Medium Likelihood
Thunderstorms No Likelihood	Heavy persistent rain Low Likelihood	Strong sunlight No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Dull	Dull	Light rain	Heavy Rain	Heavy Rain	Light rain	Cloudy	Partly cloudy (night)
Precipitation probability							
10%	20%	30%	>95%	90%	50%	20%	<05%

Forecast for Tuesday 06 Feb 2024

Weather: Overcast through the morning with periods of rain heavy at times, before clearing south from mid-afternoon, with largely dry and bright conditions reaching all late afternoon.

Chance of cloud-free hill tops above 600m: 10% or less becoming 80% by late afternoon.

Low cloud and visibility: Good becoming moderate or poor in rain and drizzle, very poor in snow and within cloud with bases extensive from 450m at first, before lifting and breaking from the north through the afternoon.

Forecast for Tuesday 06 Feb 2024

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	32/42 SW	34/45 W	36/48 SW	39/52 SW	37/49 SW	23/32 W	16/22 NW	13/18 W	10/15 NW
300	23/33 SW	26/37 SW	27/38 SW	29/42 SW	28/41 SW	19/29 W	12/18 NW	9/15 NW	7/12 NW
Valley	16/34 SW	18/36 SW	18/37 SW	19/40 SW	18/37 SW	12/24 W	8/17 NW	6/14 NW	4/11 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/-0	6/-1	6/-1	6/-1	6/0	5/-1	2/-4	1/-4	-0/-5
300	8/4	8/4	8/4	8/4	9/4	7/3	4/0	3/-0	2/-0
Valley	9/6	9/5	9/5	9/5	9/5	7/4	5/2	4/1	3/1
Freezing Level*	1600m	1600m	1800m	1800m	2000m	1700m	700m	600m	500m

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

Meteorologist's View

Severe wind chill confined to higher peaks. Extensive hill fog at first.

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

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Mon 05 Feb 2024	0mm	5mm	6.9mm

Forecast for Wednesday 07 Feb 2024

Weather: Dry during the morning with occasional brighter spells. Chance of some isolated showers for the afternoon and evening, wintry to most levels.

Maximum wind: Variable less than 15 mph

Chance of cloud-free hill tops above 600m: 90% plus becoming 80% for the afternoon

Low cloud and visibility: Good becoming moderate or poor in rain showers, very poor in snow showers and within cloud with bases infrequently lowering 600m as showers push through.

Temperature: **Valleys:** Minus 4 Celsius increasing 12 Celsius during the afternoon
 At 600m: Zero to Minus 2 Celsius
 Freezing level: 400-600m