

Peak District National Park

Forecast valid from 06:00 on Monday 06 May 2024 until 23:59 on Tuesday 07 May 2024

Forecast Issued on Monday 06 May 2024 at 03:18

Confidence: High for main themes, low for detail regarding showers, intensity, duration and location.

Headline for Monday 06 May 2024: Heavy showers and thunderstorms today.

Mountain weather hazards on Monday 06 May 2024

Blizzards

No Likelihood

Heavy persistent snow

No Likelihood

Storm force winds

No Likelihood

Gales

No Likelihood

Severe chill effect

No Likelihood

Poor visibility

Low Likelihood

Thunderstorms

Medium Likelihood

Heavy persistent rain

No Likelihood

Strong sunlight

Low Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
					
Sunny intervals	Cloudy	Light rain showers	Heavy rain showers	Light rain showers	Cloudy
Precipitation probability					
<05%	10%	40%	40%	40%	10%

Forecast for Monday 06 May 2024

Weather: A dry and bright start, with some sunny spells. However, it will soon cloud over, with showers developing into the afternoon. The showers will be heavy with the risk of thunder and lightning possible. Any showers gradually fading by through the evening.

Chance of cloud-free hill tops above 600m: 70% overnight improving to 90% by day.

Low cloud and visibility: Poor to moderate in any valley mist patches and thundery showers otherwise good or very good.

Forecast for Monday 06 May 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	2/3 N	4/6 NW	4/7 NE	7/11 N	7/12 N	6/10 N	8/12 NE
300	4/4 W	4/6 W	5/8 N	8/14 NW	6/9 NW	4/6 N	6/11 N
Valley	2/4 SW	3/5 W	3/7 NW	8/14 NW	4/8 NW	3/6 NE	6/12 NE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/10	11/10	12/12	12/11	11/10	9/8	8/6
300	10/10	13/12	15/14	14/13	14/13	12/11	10/9
Valley	11/10	14/14	16/16	15/13	14/14	12/12	11/10
Freezing Level*	1900m	1900m	2000m	2100m	2100m	2100m	2100m

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

Meteorologist's View

Risk of sudden severe downpours of rain potentially leading to very difficult walking conditions

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

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Mon 06 May 2024	0mm	1.7mm	13.8mm

Forecast for Tuesday 07 May 2024

Weather: Rather cloudy, misty and murky first thing, but soon brightening up, with some sunny spells developing into the afternoon. Chance of the odd light shower. Staying dry with sunny/clear spells into the evening.

Maximum wind: NE 5-10 mph.

Chance of cloud-free hill tops above 600m: 40% overnight improving to 90% by day.

Low cloud and visibility: Patchy cloud around 300 metres overnight and at first, cloud base lifting above summits through the morning.

Temperature: **Valleys:** Ps 5 BECMG Ps 19 Celsius
At 600m: Ps 7 BECMG Ps 13 Celsius
Freezing level: Above summits