

## Lake District National Park

Forecast valid from 00:00 on Tuesday 05 Mar 2024 until 23:59 on Wednesday 06 Mar 2024

Forecast Issued on Monday 04 Mar 2024 at 11:57

**Confidence:** Generally high confidence in weather pattern through the week.

**Headline for Tuesday 05 Mar 2024:** Early heavy rain clearing to a largely dry day with sunny spells.

### Mountain weather hazards on Tuesday 05 Mar 2024

**Blizzards**

No Likelihood

**Heavy persistent 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 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Heavy Rain	Light rain	Partly cloudy (night)	Sunny intervals	Sunny intervals	Cloudy	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability							
70%	60%	30%	10%	30%	30%	10%	10%

### Forecast for Tuesday 05 Mar 2024

**Weather:** Heavy rain during the early hours will ease off and clear to the east before dawn. Some patchy cloud will linger behind but there will be clear or sunny spells for much of the day. Staying mostly dry but with the chance of the odd spot of rain from any thicker cloud. Winds easing through the day.

**Chance of cloud-free hill tops above 800m:** 20% during the early hours, improving 70-80%

**Low cloud and visibility:** Broken cloud base 500-700m, becoming few or scattered through the day. Visibility moderate in early rain, otherwise good.

## Forecast for Tuesday 05 Mar 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
900	41/52 SE	24/32 SE	25/32 S	25/33 S	22/31 S	16/23 S	9/13 S	8/10 SE	7/9 SE
600	32/44 SE	21/31 SE	22/31 S	22/31 S	20/29 S	15/21 S	9/13 S	7/9 S	6/9 SE
300	16/38 SE	10/25 SE	11/25 S	10/23 S	12/26 S	9/19 S	4/10 S	3/7 S	3/7 SE
Valley	14/32 SE	11/23 SE	9/21 SE	8/19 SE	11/22 S	9/17 S	5/9 S	4/7 SE	4/7 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	-1/-10	-0/-8	-1/-8	-0/-8	1/-6	1/-5	0/-4	0/-3	-0/-3
600	1/-7	1/-5	1/-5	1/-5	3/-2	3/-2	2/-1	2/-1	2/-1
300	3/-2	3/-1	3/-1	4/0	6/3	5/2	4/3	3/2	2/1
Valley	6/2	5/2	5/2	6/4	8/6	8/5	7/5	6/5	6/4
Freezing Level*	900m	900m	800m	800m	900m	1000m	1000m	1000m	900m

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

### Meteorologist's View

Feeling cold at height, be prepared with appropriate layers.

## Forecast for Wednesday 06 Mar 2024

**Weather:** Dry and sunny throughout much of the day, perhaps some patchy cloud at times.

**Maximum wind:** Light, variable winds, becoming southeasterly 10-15 mph

**Chance of cloud-free hill tops above 800m:** 90%

**Low cloud and visibility:** Few cloud base 500-700m possible towards the end of the day but skies mostly clear or with patchy high cloud. Good or very good visibility.

**Temperature:** **Valleys:** Plus 2 rising to plus 10 Celsius  
**At 800m:** Plus 1 rising to plus 4 Celsius  
**Freezing level:** 1000-1200m

## Ground Conditions Supplement

Date: Monday 4 March 2024 Location: Helvellyn summit at 12:30 Full report: Sunshine, light winds, plenty of snow & spectacular views greeted anyone who ventured onto the Lake District fells today. The fresh snow is very slowly consolidating and firming up with a slight crust in places but is still hard work when breaking trail. Depth increased with height and was generally calf to knee deep with waist deep drifts. However on popular paths it has been compacted beneath walkers feet and is becoming icy. This is particularly true at lower altitudes where there has been a slow thaw and refreeze. Thus crampons or microspikes were very useful on even the easiest of paths above the snowline and essential on the Helvellyn Edges. Many steep south facing aspects were thawing quickly in the sun and the snow level had risen to 500m but elsewhere it remained at 300m. The wind has backed to the SE and was continuing to slowly redistribute the new snow on to northerly aspects. Large cornices were evident above north through east aspects and should be given a wide berth. Full winter clothing including boots with good grip, waterproof top & bottoms, warm layers and hats & gloves are currently essential to safely explore the Lake District fells. Checking the weather forecast and carrying and knowing how & when to use a map, compass, headtorch and goggles is also critical. An ice axe and crampons or at a push microspikes will be essential for anyone attempting the Helvellyn Edges or any other exposed ground where the consequences of a slip could be very serious. Temperature: plus 0.1 C, Maximum wind speed 18.8 mph, Wind chill: minus 7.5 C, Average wind speed: 7.0 mph

Issued at: 1833 on Mon 04 Mar 2024