

Lake District National Park

Forecast valid from 00:00 on Wednesday 03 Mar 2021 until 23:59 on Thursday 04 Mar 2021

Forecast Issued on Tuesday 02 Mar 2021 at 12:41

Confidence: High for mainly dry and settled conditions. Medium for cloud amounts.

Headline for Wednesday 03 Mar 2021: Dry with sunny spells. Patchy morning low cloud and mist.

Mountain weather hazards on Wednesday 03 Mar 2021

Blizzards

No Likelihood

Heavy Snow

No Likelihood

Storm force winds

No Likelihood

Gales

No Likelihood

Severe chill effect

No Likelihood

Poor visibility

Low 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
							
Clear night	Clear night	Sunny	Sunny	Sunny intervals	Sunny	Clear night	Partly cloudy (night)
Precipitation probability							
00%	00%	00%	00%	00%	00%	00%	00%

Forecast for Wednesday 03 Mar 2021

Weather: Dry with clear spells overnight. Some low cloud and mist possible. A mainly dry and sunny day, although some low cloud and mist possible during the morning. Staying dry with clear skies at times in the evening.

Chance of cloud free mountain/hill tops above 800m: 90%, although some low level mist and cloud possible during the morning.

Visibility: Mainly good, but poor in any low cloud and mist.

Forecast for Wednesday 03 Mar 2021

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	3/4 SE	3/4 SE	5/7 NE	4/6 E	4/8 SW	4/6 W	5/7 NE	5/7 E	7/10 E
600	3/4 E	3/5 SE	4/6 NE	4/6 E	4/7 S	2/5 NE	4/6 N	5/8 E	6/9 E
300	2/3 E	2/3 SE	4/6 N	3/5 E	3/6 S	2/5 N	3/6 N	4/7 NE	4/9 NE
Valley	2/3 W	2/4 SE	3/5 NE	3/6 SE	5/7 W	4/6 W	3/6 NE	5/7 NE	9/12 NE

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	2/0	2/-0	1/-2	2/0	2/-0	2/1	0/-2	-1/-4	-2/-5
600	2/1	1/-0	0/-2	2/-0	3/1	4/3	2/-0	0/-2	-1/-4
300	1/-0	1/-1	1/-2	2/1	6/5	6/6	3/2	2/-0	1/-1
Valley	3/2	2/0	2/-0	3/1	5/4	7/5	5/3	4/2	4/0
Freezing Level*	800m	700m	600m	700m	700m	900m	900m	900m	500m

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

Meteorologist's View

High summits should remain cloud free due to temperature inversion with any low cloud and mist trapped in the valleys.

Forecast for Thursday 04 Mar 2021

Weather: Some low cloud and mist possible overnight. Rather cloudy with bright spells and some showers during daylight hours, the showers wintry over the summits. Dry with clear spells in the evening.

Maximum wind: Northeast 15 to 20mph with some wind chill.

Chance of cloud free mountain/hill tops above 800m: 40% during daylight hours, extensive cloud, base 600 to 900m. 80% in the evening.

Visibility: Mostly good or very good, but moderate to poor at times in showers and over the tops.

Temperature: **Valleys:** Minus 2 Celsius rising to 7 Celsius

At 800m: Zero to Minus 2 Celsius

Freezing level: Well down early and later in the day, rising to around 800m early afternoon.

Ground Conditions Supplement

Date: Tuesday 2 March 2021 Location: Helvellyn summit at 11:59. Full report: We are continuing to provide the Fell Top Reports for people undertaking their daily local exercise during the lockdown. We would like to remind everyone that Government guidance stipulates that people should only exercise locally, not leaving the village, town or city where they live.

Ground conditions confirmed what the clever people at the Met Office had forecast, namely that there was an overnight temperature inversion. This meant that in the morning there were patches of frost and some ice on paths lower down but, unlike Monday, none on higher elevations. Even in sheltered spots, this valley frost soon thawed. However, walkers out on Wednesday should expect, and be prepared to encounter, a return to patches of ice in sheltered spots at altitude. The overnight temperature inversion meant that there was a continuing slow thaw of the remaining snow which lies in patches above 850m in sheltered spots and hollows and on predominantly steep north and east facing aspects. The snowpack was notably softer than on Monday apart from places where it has been compacted. Since it is likely to refreeze overnight, walkers out on Wednesday are strongly advised to avoid any snow patches. That stated, the vast majority of the Cumbrian fells and paths are now free from snow. As for the past few days, the only unavoidable, and icy, snow encountered today was at the exit to Swirral Edge. Although it is only a very short section, an ice axe is strongly recommended, especially in descent, as it was hard snow and the footprints in it were similarly icy. Conversely with careful route choice, Striding Edge and its exit can now be climbed without setting foot on snow with the normal path up its exit now also almost free from snow. Monday and Tuesday were definitely the exception with a summit windchill above zero. Walkers out on Wednesday should expect, and be prepared for, a return to a more normal sub zero summit windchill so full winter clothing (waterproofs, extra warm layers, hat and gloves), mountain boots and equipment are all essential for anyone going out onto the fells. Please be conservative with your plans and know both your limits and also when to turn back. A pandemic is not the time to be pushing your comfort zone. Temperature: plus 6.2 C, Maximum wind speed 7.9 mph, Wind chill: plus 2.9 C, Average wind speed: 6.0 mph
No recent ground conditions report available.

Issued at: 1241 on Tue 02 Mar 2021