

Lake District National Park

Forecast valid from 00:00 on Tuesday 02 Mar 2021 until 23:59 on Wednesday 03 Mar 2021

Forecast Issued on Monday 01 Mar 2021 at 17:25

Confidence: High for settled and largely dry week, although there is some uncertainty regarding cloud amounts.

Headline for Tuesday 02 Mar 2021: Dry with long sunny spells. Mainly light winds.

Mountain weather hazards on Tuesday 02 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
							
Partly cloudy (night)	Partly cloudy (night)	Partly cloudy (night)	Sunny intervals	Sunny	Sunny	Clear night	Partly cloudy (night)
Precipitation probability							
00%	00%	00%	00%	00%	00%	00%	00%

Forecast for Tuesday 02 Mar 2021

Weather: Dry with long clear or sunny spells, risk of some low level fog in the valleys in the morning. Southern fells may see rather more in the way of cloud at times.

Chance of cloud free mountain/hill tops above 800m: around 75% in the south, otherwise close to 100%

Visibility: Occasional cloud above 600m at times in the south. Away from cloud visibility good or very good, but a few hundred metres in any early low level fog patches.

Forecast for Tuesday 02 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	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	9/11 SE	8/10 SE	8/10 SE	10/12 SE	11/14 SE	8/11 SE	7/9 SE	7/9 SE	6/8 SE									
600	5/7 SE	6/8 E	6/8 SE	6/9 SE	5/8 SE	5/7 SE	5/7 SE	5/6 S	4/5 SE									
300	2/4 S	2/4 NE	2/5 E	3/7 SE	5/8 S	5/9 S	3/6 SE	3/6 S	2/5 E									
Valley	2/6 S	2/5 S	2/5 S	3/7 S	4/9 SE	4/9 SW	2/7 S	2/7 E	2/5 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	4/1	3/-0	2/-1	2/-2	2/-3	2/-1	2/-1	1/-2	0/-3
600	4/2	3/1	2/-0	2/-1	3/1	4/3	3/1	2/-0	1/-1
300	3/1	1/-0	1/-1	2/1	5/4	6/5	4/2	2/1	1/-1
Valley	4/2	3/1	2/0	3/1	6/4	7/6	5/4	4/2	3/1
Freezing Level*	1000m	1000m	1000m	1000m	1000m	1000m	1000m	1000m	900m

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

Meteorologist's View

Valley temperatures locally around minus 1 or 2 Celsius around dawn.

Forecast for Wednesday 03 Mar 2021

Weather: Another dry day with long clear or sunny spells, but perhaps a little more cloud than recent days. Again risk of frost and fog patches at low levels around dawn

Maximum wind: Mainly northeasterly at less than 10mph.

Chance of cloud free mountain/hill tops above 800m: 75%.

Visibility: Occasional cloud above about 600-750m. Away from cloud visibility good or very good, but a few hundred metres in any early low level fog patches.

Temperature: **Valleys:** Around minus 1 or 2 Celsius at dawn rising to plus 7 Celsius by day
At 800m: Plus 1 or 2 Celsius
Freezing level: 900m

Ground Conditions Supplement

Date: Monday 1st March 2021 Location: Helvellyn summit at 1210. 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. The majority of the Cumbrian fells and paths are now free from snow. The thaw of the remaining snow continues (it was plus 5 degrees C on the summit at midday) but at a slower pace owing to its altitude (remaining patches now being above 850m), their location in shady hollows and on predominantly steep north and east facing aspects and the fact that the snow freezes hard in the overnight frost making it resistant to the daytime thaw. Owing to much of the remaining snow being icy, it is best avoided. More of an issue on paths, especially in the morning, were patches of frost and even verglas (thin ice) on rocks located primarily in the shade. Given that the majority of paths were dry such sudden slippery sections were treacherous and demand attention, especially on steep ground. The only unavoidable snow encountered today was at the exit to Swirral Edge where, although only a very short section, an ice axe is strongly recommended 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 although miss that route (which lies to the south) and there's steep, hard, icy snow on its exit. Monday was definitely the exception with a summit windchill above zero. Walkers out on Tuesday should expect, and be prepared for, a return to a more normal sub zero windchill so full winter clothing (waterproofs, extra warm layers, hat & 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 5.2 C, Maximum wind speed 4.6 mph, Wind chill: plus 4.1 C, Average wind speed: 1.9 mph

Issued at: 1725 on Mon 01 Mar 2021