

Lake District National Park

Forecast valid from 06:00 on Monday 05 Apr 2021 until 23:59 on Tuesday 06 Apr 2021

Forecast Issued on Monday 05 Apr 2021 at 03:19

Confidence: High for cold conditions through Monday and Tuesday with northwesterly gales, although only medium confidence for likelihood of any snow showers. The main uncertainty thereafter lies in the timing of the return to less cold conditions from mid-week.

Headline for Monday 05 Apr 2021: Bitterly cold and very windy, gales at times, sunny spells and some snow showers.

Mountain weather hazards on Monday 05 Apr 2021

Blizzards

No Likelihood

Gales

Low Likelihood

Thunderstorms

No Likelihood

Heavy Snow

No Likelihood

Severe chill effect

High Likelihood

Heavy persistent rain

No Likelihood

Storm force winds







No Likelihood

Poor visibility

Medium Likelihood

Strong sunlight

Medium Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
					
Sunny	Sunny	Sunny intervals	Light snow showers	Light snow showers	Light snow showers (night)
Precipitation probability					
<05%	<05%	20%	30%	30%	30%

Forecast for Monday 05 Apr 2021

Weather: The morning remaining largely dry with sunny spells. Isolated mainly light snow or hail showers are likely in the afternoon, these becoming more frequent during the evening, but moving through quickly on the strong winds with only slight accumulations expected after dark. Bitterly cold.

Chance of cloud free mountain/hill tops above 800m: 90%, falling to 70% during the afternoon and evening as showers move through.

Visibility: Poor in rain and hill snow at first with cloud on slopes above 500-600m. Improving to generally very good during the early hours as the rain clears and cloud lifts to leave only patches around 800m. Sudden temporary large deteriorations in snow and hail showers with cloud base briefly lowering to 500-700m.

Forecast for Monday 05 Apr 2021

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
900	36/43 N	32/41 N	34/44 NW	30/39 N	29/38 NW	31/40 NW	29/37 NW
600	25/32 N	29/39 N	31/43 NW	26/37 N	25/35 NW	23/34 NW	21/31 NW
300	8/28 N	14/34 N	16/37 NW	14/33 NW	13/31 NW	11/31 NW	9/29 NW
Valley	8/27 N	12/31 N	14/32 NW	12/29 NW	13/30 NW	12/29 NW	10/27 NW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	-8/-20	-8/-19	-5/-15	-4/-13	-4/-13	-6/-16	-7/-18
600	-5/-14	-5/-14	-2/-11	-1/-9	-1/-9	-4/-12	-5/-13
300	-2/-7	-1/-7	2/-4	3/-2	1/-4	-1/-6	-2/-8
Valley	0/-4	1/-4	4/-0	5/1	4/-0	2/-3	1/-4
Freezing Level*	00m	00m	00m	100m	100m	00m	00m

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

Meteorologist's View

Gales on the higher fells at first will ease during the afternoon but it will remain bitterly cold with significant severe wind chill at all levels.

Forecast for Tuesday 06 Apr 2021

Weather: Another very cold day with occasional hail and snow showers during the morning and afternoon, with some sunny spells in between. A couple of centimetres of snow are likely to accumulate on the higher slopes, with some drifting in the strong winds. The showers should become much lighter and isolated in the evening, with more in the way of clear periods.

Maximum wind: Northwest 20-25 mph gust 30-35mph.

Chance of cloud free mountain/hill tops above 800m: 60% for much of the day improving to 90% or better in the evening.

Visibility: Generally very good visibility in between showers, but with sudden large deteriorations as showers move through, with cloud bases temporarily lowering to 600-800m.

Temperature: **Valleys:** Minus 2 Celsius becoming plus 4 Celsius.

At 800m: Minus 4 Celsius.

Freezing level: At all levels at first, briefly lifting to 200m in the day.

Ground Conditions Supplement

Issued at: 1518 on Sun 04 Apr 2021

Issued at: 03:19 on Mon 05 Apr 2021