









Lake District National Park

Forecast valid from 00:00 on Wednesday 03 Jan 2024 until 23:59 on Thursday 04 Jan 2024
Forecast Issued on Tuesday 02 Jan 2024 at 10:44

Confidence: High confidence for a showery few days before more settled, but colder, conditions settle in towards the weekend. Lower confidence in low cloud detail and the development of mist and fog each day.

Headline for Wednesday 03 Jan 2024: Showers and periods of patchy mist and fog throughout the day, fresh southwesterly winds easing for a time.

Mountain weather hazards on Wednesday 03 Jan 2024		
Blizzards No Likelihood	Heavy persistent snow No Likelihood	Storm force winds No Likelihood
Gales No Likelihood	Severe chill effect Low 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
							
Fog	Fog	Drizzle	Heavy rain showers	Mist	Cloudy	Dull	Fog
Precipitation probability							
20%	20%	20%	40%	20%	20%	20%	20%

Forecast for Wednesday 03 Jan 2024

Weather: Mainly dry overnight but patchy mist and fog developing at times, through the morning there will be some showers moving across the Fells, these will all be rain, perhaps turning sleety later in the evening on Scafell Pike and Helvellyn. Away from the showers it will be mostly cloudy but some bright or sunny spells during the afternoon. Mist will form at times, perhaps some fog patches during the evening too.

Chance of cloud-free hill tops above 800m: 40% becoming 60%, low cloud forming around the summits in showers.

Low cloud and visibility: A cloudy day but a few more breaks in the afternoon. Broken cloud layers above 500m in the morning, these becoming more scattered or patchy during the afternoon and the bases lifting above 600m. Some summits clearing during the afternoon but more likely around northeastern fells. Visibility will be moderate in the morning and poor or very poor in mist and fog patches, some good visibility in the afternoon but turning poor again in the evening.

Forecast for Wednesday 03 Jan 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	23/29 SW	20/24 SW	14/17 SW	11/14 S	12/16 SW	16/20 W	18/22 W	20/26 W	20/25 SW
600	20/27 SW	16/22 SW	12/16 SW	8/10 S	10/14 SW	13/17 W	14/20 W	17/24 W	16/22 SW
300	8/21 SW	6/17 SW	4/12 SW	2/9 SW	4/11 W	6/15 W	6/16 W	8/19 W	7/17 W
Valley	9/21 SW	7/17 SW	4/12 SW	3/9 SW	5/11 SW	5/13 W	6/15 W	9/20 W	8/18 W

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/-4	2/-4	2/-3	1/-3	2/-3	2/-4	1/-4	1/-5	1/-5
600	4/-1	4/-1	3/-0	3/0	4/0	4/-1	3/-2	3/-2	3/-2
300	6/3	6/4	5/4	5/4	6/5	6/4	5/3	5/2	5/2
Valley	8/5	8/6	7/6	7/6	8/7	8/6	7/6	8/5	7/5
Freezing Level*	1200m	1200m	1200m	1200m	1200m	1100m	1100m	1100m	1100m

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

Meteorologist's View

A cold feel to the day on Wednesday but freezing level mostly above the summits, poor visibility at higher levels at times.

Forecast for Thursday 04 Jan 2024

Weather: Turning colder on Thursday with sunshine and showers, showers will become wintery down to 700m by the end of the day, although showers also becoming less frequent later too. Early morning and evening mist and fog may be a hazard too.

Maximum wind: Southwest 15-20mph, easing to south 5-10mph later.

Chance of cloud-free hill tops above 800m: 60%, low cloud associated with showers.

Low cloud and visibility: Scattered cloud above 600m will affect the fells on Thursday, in the north cloud will be patchier above 700m with the best chance of clear fell tops here. Visibility will generally be good but falling moderate in heavier showers, perhaps poor in wintery showers later.

Temperature: **Valleys:** Plus 7 Celsius, falling to 3 Celsius later.
At 800m: Plus 2 falling to Zero Celsius.
Freezing level: 1000m falling to 800m

Ground Conditions Supplement

Date: Tuesday 2 January 2024: Location: Grisedale Pike summit at 15:15: Full report: A grey and damp day with more persistent rain arriving in the afternoon and relatively light winds throughout the day. Milder temperatures have melted much of the hill snow that arrived on New Year's Day. Snow is still present in the higher fells, particularly on Helvellyn and its surrounding fells with the greatest accumulations on North and East facing slopes above 800m. Helvellyn's summit plateau is a mixture of exposed ground and snow with drifts up to 50 cm in sheltered dips and hollows. Swirral and Striding Edge are in winter condition and anyone planning to do these, or similar steep and exposed routes in the coming days are advised to carry an ice axe and crampons/microspikes. The freezing level tomorrow is forecast to be near freezing at or just above summit level, with the possibility of wintery showers. Full winter clothing (warm and waterproof), extra warm layers, hats & gloves, and equipment including a headtorch, map, and compass are all essential. Goggles are also recommended for navigating and route-finding in challenging conditions. Temperature: plus 5.1 deg C. Maximum wind speed 5.5 mph. Wind chill: plus 3.2 deg C. Average wind speed: 5.0 mph

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