

Lake District National Park

Forecast valid from 00:00 on Friday 03 Dec 2021 until 23:59 on Saturday 04 Dec 2021

Forecast Issued on Thursday 02 Dec 2021 at 15:54

Confidence: High for rather cold and unsettled period with showers or longer spells of rain sleet and snow but lower for details.

Headline for Friday 03 Dec 2021: Bright, especially in east, and mainly dry. Patchy evening rain.

Mountain weather hazards on Friday 03 Dec 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood









Severe chill effect
Low Likelihood

Poor visibility
Medium 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
							
Sleet	Heavy Rain	Cloudy	Cloudy	Sunny intervals	Sunny intervals	Cloudy	Sleet
Precipitation probability							
70%	60%	30%	10%	<05%	10%	20%	50%

Forecast for Friday 03 Dec 2021

Weather: Rain, and initially sleet and, above about 600m, snow, will be occasionally heavy before largely clearing towards dawn. Then a rather cloudy start but becoming brighter with sunny spells developing, especially across eastern fells, with southern and western fells seeing rather a lot of cloud at times. Patchy rain spreads east through the evening and turns increasingly to snow above about 800m.

Chance of cloud free mountain/hill tops above 800m: 20% across southwestern through much of the day but nearer 75% elsewhere, falling to 40% across western fells later. Chances fall considerably during the evening.

Visibility: Periods of cloud above about 300-450m in the southwest through much of the day, elsewhere cloud more occasional above about 600-750m but becoming periods at times across western fells in afternoon. Otherwise visibility good or very good but falling to several kilometres in rain and sleet and perhaps a kilometre in summit snow.

Forecast for Friday 03 Dec 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	30/37 SW	32/40 S	20/25 W	18/22 NW	16/19 NW	11/14 SW	14/17 SW	19/23 SW	23/30 SW
600	25/34 SW	24/33 SW	17/23 W	13/19 W	10/15 NW	7/10 SW	9/12 SW	14/19 SW	18/26 SW
300	9/23 SW	8/22 S	6/14 W	5/13 NW	3/11 NW	2/8 SW	3/9 SW	5/14 SW	8/18 SW
Valley	11/25 SW	9/23 SW	9/19 W	6/15 NW	4/11 NW	3/7 W	5/10 SW	8/17 SW	12/23 SW

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/-10	1/-7	2/-4	1/-5	1/-5	0/-4	0/-5	-0/-6	-0/-7
600	0/-7	2/-4	4/-1	3/-2	3/-1	3/-0	2/-2	2/-3	2/-3
300	2/-2	4/1	5/2	5/3	5/4	5/4	4/3	4/2	4/2
Valley	5/1	7/4	7/5	7/5	7/5	6/5	6/4	6/4	6/3
Freezing Level*	700m	1500m	1300m	1100m	1000m	1000m	1000m	1000m	1000m

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

Meteorologist's View

Gusts close to 50mph over higher ridges and summits through early hours. Significant chill, especially at higher levels.

Forecast for Saturday 04 Dec 2021

Weather: Overnight rain, sleet and, above about 750m, snow clearing then a bright but cold day with, especially in the west, occasional blustery showers, these turning increasingly wintry above about 450m, with the best of the sunshine in the east. Lying snow may blow or drift in the strong winds.

Maximum wind: Southwesterly 20-25mph veering northwesterly 25-30mph around dawn, with gusts around 50mph possible over ridges and summits.

Chance of cloud free mountain/hill tops above 800m: Around 75% over eastern fells but nearer 40% in the west.

Visibility: Occasional cloud above 600-750m in the east but occasional or periods above about 450-600m in west. Otherwise Very good falling to several kilometres in overnight rain, sleet and showers but a kilometre or less in summit snow and snow showers and any drifting or blowing snow.

Temperature: **Valleys:** Around plus 3 or 4 Celsius at dawn rising to 6 or 7 Celsius by day.
At 800m: Plus 1 Celsius falling to minus 2 Celsius.
Freezing level: 1000m falling to around 600m.

Ground Conditions Supplement

Date: Thursday 2 December. Location: Helvellyn summit at 12:30. Full report: A stunning but bitterly cold day on the Lake District fells with a blast of arctic air keeping things feeling wintery. There was a frost to valley level overnight and this only slowly thawed to around 600m throughout the day. Many paths have areas of water ice on which microspikes and trekking poles are useful. The snow level was between 800 & 900m on the Helvellyn range although many of the other high fells appeared to have less coverage. Snow depths were only a few centimetres lying over generally well frozen terrain. Striding & Swirral Edges could both be climbed on dry rock and a thin covering of well frozen snow without needing crampons but again microspikes can provide extra security underfoot. However there were a number of very slippery areas where the snow had been compressed beneath walkers feet and an ice axe is recommended to prevent a slip becoming more serious. It is now dark before 4pm and even earlier in bad weather so it pays to make an early start, be conservative with your plans and make sure you carry a head torch. Temperature: minus 4.5 C, Maximum wind speed 13.4 mph, Wind chill: minus 12.6 C, Average wind speed: 10.7 mph

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