

## Lake District National Park

Forecast valid from 00:00 on Thursday 02 Dec 2021 until 23:59 on Friday 03 Dec 2021

Forecast Issued on Wednesday 01 Dec 2021 at 14:18

**Confidence:** High for dry, bright and cold conditions for most of Thursday then turning more unsettled for the rest of the week. There is low confidence for details over the weekend.

**Headline for Thursday 02 Dec 2021:** Dry, bright and very cold conditions. Breezy.

### Mountain weather hazards on Thursday 02 Dec 2021

**Blizzards**  
No Likelihood

**Heavy Snow**  
No Likelihood

**Storm force winds**  
No Likelihood

**Gales**  
No Likelihood

**Severe chill effect**  
Medium 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
							
Light snow	Partly cloudy (night)	Clear night	Sunny	Sunny	Sunny intervals	Cloudy	Light snow
Precipitation probability							
60%	30%	<05%	<05%	<05%	<05%	10%	70%

### Forecast for Thursday 02 Dec 2021

**Weather:** A few sleet or snow showers in the early hours, clearing before dawn. A dry day with long bright or sunny periods but high cloud will increase during the afternoon. Outbreaks of sleet and snow spreading east during the evening, after around 8pm, turning to rain on low slopes later.

**Chance of cloud free mountain/hill tops above 800m:** 100% during daytime. 30% for a time in the early hours and again late in the evening.

**Visibility:** Excellent air clarity during daytime. Poor in sleet and snow with patchy cloud on the tops in the early hours. Cloud becoming extensive above 300 or 400m late in the evening.

**Forecast for Thursday 02 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
<b>900</b>	37/45 NW	34/43 N	32/39 N	26/32 N	18/23 N	13/16 NW	15/18 SW	20/25 SW	26/33 SW
<b>600</b>	24/35 NW	25/36 NW	19/28 N	15/22 NW	12/17 NW	10/14 W	9/13 SW	15/21 SW	23/31 SW
<b>300</b>	10/32 NW	10/31 NW	9/27 N	6/20 N	5/14 NW	3/10 NW	2/10 SW	5/15 SW	10/23 SW
<b>Valley</b>	9/28 NW	10/28 N	12/29 N	11/25 N	8/17 N	4/10 NW	2/7 W	7/16 SW	12/24 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
<b>900</b>	-5/-15	-5/-16	-6/-16	-6/-15	-5/-12	-4/-10	-4/-10	-3/-10	-2/-10
<b>600</b>	-3/-11	-3/-12	-4/-12	-4/-11	-3/-8	-2/-7	-2/-6	-1/-7	0/-7
<b>300</b>	-0/-5	-1/-6	-2/-6	-2/-5	0/-3	0/-1	0/-2	1/-2	2/-2
<b>Valley</b>	2/-1	2/-2	1/-4	1/-4	3/0	3/2	3/1	4/1	5/1
<b>Freezing Level*</b>	100m	100m	00m	00m	100m	200m	200m	300m	700m

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

**Meteorologist's View**

A good window of dry and bright weather during the day but feeling bitterly cold in the strong northerly breeze. Note the deteriorating conditions in the evening.

**Forecast for Friday 03 Dec 2021**

**Weather:** Outbreaks of rain overnight, initially falling as snow on high slopes. A misty start to the day with light rain or drizzle but becoming dry and bright through the morning. Dry in the afternoon but some heavy showers will arrive from the west in the evening, these wintry above 600m.

**Maximum wind:** West or Southwest 25 to 30mph gusts 40mph in early hours, decreasing to 15mph during morning.

**Chance of cloud free mountain/hill tops above 800m:** Nil at first becoming 80% during the morning. Falling to 30% in the evening.

**Visibility:** Very poor overnight and start of the morning with cloud down to lower slopes. Cloud lifting and breaking during the morning with good visibility at all levels. Poor at times in the evening in wintry showers, occasional cloud above 500m.

**Temperature:** **Valleys:** Plus 7 or 8C.  
**At 800m:** Plus 2C.  
**Freezing level:** Above summits at first, then falling to 900m.

**Ground Conditions Supplement**

Date: Wednesday 1 December Location: Helvellyn summit at 10:40. Full report: Welcome back! Here is the first fell top condition report of the 2021/22 season: The snow that fell over the weekend and any ice that formed has now melted and the Lakeland fells are for the most part snow-free. However, wintery showers developed through this morning falling as snow above approximately 850m and settling above 900 with some drifting in places accumulating to ankle depth. The freezing level was hovering just above zero on the summit of Helvellyn and is therefore likely to freeze overnight. Walkers should anticipate some snow and icy conditions over high ground. Full winter clothing including warm and waterproof layers, hats and gloves as well as a map, compass, and headtorch are all essential. Microspikes and/or walking poles may also be useful. Temperature: plus 0.3 C, Maximum wind speed 11.8 mph, Wind chill: minus 5.8 C, Average wind speed: 6.5mph.

Issued at: 1418 on Wed 01 Dec 2021