

Lake District National Park

Forecast valid from 06:00 on Tuesday 09 Mar 2021 until 23:59 on Wednesday 10 Mar 2021

Forecast Issued on Tuesday 09 Mar 2021 at 03:00

Confidence: High confidence for an unsettled period of weather, uncertainty lies in timings of rain/showers and amounts of rainfall.

Headline for Tuesday 09 Mar 2021: A dull and cloudy day with outbreaks of drizzle possible, becoming wet and very windy later.

Mountain weather hazards on Tuesday 09 Mar 2021

Blizzards

No Likelihood

Gales

Medium Likelihood

Thunderstorms

No Likelihood

Heavy Snow

No Likelihood

Severe chill effect

Low Likelihood

Heavy persistent rain

Low Likelihood

Storm force winds







Low Likelihood

Poor visibility

High Likelihood

Strong sunlight

No Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
					
Heavy Rain	Fog	Fog	Fog	Sleet	Sleet
Precipitation probability					
40%	40%	30%	40%	60%	90%

Forecast for Tuesday 09 Mar 2021

Weather: Overcast cloud and a few drizzly outbreaks are likely during the morning, perhaps brightening up for a period in the early afternoon with a few brighter spells possible for the eastern fells. Heavy rain will spread east during the evening accompanied by strengthening winds.

Chance of cloud free mountain/hill tops above 800m: 20% or less, extensive low level cloud is likely associated with light rain and drizzle.

Visibility: Visibility is likely to be poor for much of the day with extensive low cloud expected to shroud the fells. In the west the base will be around 400m upwards, in the east the cloud base will be around 600m and there are more likely to be a few breaks and possibly some brighter spells and some clearance around fell tops for a time in the afternoon. By early evening cloud bases will be more widely around 500m but rain is likely to continue to affect visibility. Good navigation skills are likely to be required for much of the day on the fells.

Forecast for Tuesday 09 Mar 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	18/22 SW	17/22 S	25/32 SW	32/41 S	42/54 S	46/60 S	55/71 S
600	17/22 SW	15/20 S	20/26 SW	27/36 S	33/47 S	38/54 S	43/62 S
300	6/17 S	7/16 S	9/22 S	12/28 S	15/38 S	18/45 S	17/47 S
Valley	5/13 SW	6/13 SW	9/19 S	12/26 S	16/35 S	19/42 S	20/45 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	2/-4	2/-4	2/-5	2/-6	1/-8	-0/-9	0/-10
600	3/-2	3/-2	3/-2	4/-3	3/-4	2/-6	2/-6
300	4/2	4/2	5/2	5/1	4/-0	4/-1	4/-1
Valley	6/4	6/4	7/4	6/3	6/2	6/1	6/2
Freezing Level*	1300m	1200m	1100m	1200m	1200m	900m	1100m

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

Meteorologist's View

Strengthening southwesterly winds will be gale force from mid-afternoon with a significant wind chill expected. Freezing level lowers later in the day with precipitation turning sleety on the higher tops by early evening.

Forecast for Wednesday 10 Mar 2021

Weather: A wet day with overnight rain continuing for much of the day, any wintry precipitation will turn to rain by the morning. Perhaps a drier spell during the morning before rain returns becoming heavy and persistent at times in the afternoon. Becoming drier through the evening period.

Maximum wind: Southwesterly 25-30mph with gusts 35-40mph, Winds strengthening in the evening to 35mph with gusts 50-55mph.

Chance of cloud free mountain/hill tops above 800m: 20% widespread low level cloud will accompany the rain.

Visibility: Mostly poor visibility throughout the day with widespread extensive low cloud from 400m base upwards and rainfall. Cloud likely to break to give some clearer spells after nightfall.

Temperature: **Valleys:** Plus 3 rising to plus 9 degrees.

At 800m: Plus 3 degrees.

Freezing level: Above the summits.

Ground Conditions Supplement

Date: Monday 8 March 2021. Location: Helvellyn summit at 12:00. Full report: There were a few snow showers on the highest summits today but overall the remaining snow cover is continuing to slowly thaw. These patches of firm and icy snow are generally to be found on steep N through E aspects and in sheltered hollows above 850m. The main hazard they present on Helvellyn is on the exit to Swirral Edge where a short section must be crossed. However the vast majority of other paths, including Striding Edge, can now be climbed without setting foot on snow.

The areas of rime ice reported above 850m for the last few days have also thawed. Summit temperatures were still only just above freezing with snow in the air and the wind chill was -7 degrees C so please go well equipped with plenty of warm and waterproof layers, hats and gloves, food and fluid and a reliable method of navigating. Please be conservative with your plans and know both your limits and also when to turn back. Temperature: plus 1.3 C, Maximum wind speed 25.0 mph, Wind chill: minus 6.9 C, Average wind speed: 19.9 mph

Issued at: 03:00 on Tue 09 Mar 2021