









Lake District National Park

Forecast valid from 00:00 on Monday 05 Feb 2024 until 23:59 on Tuesday 06 Feb 2024
Forecast Issued on Sunday 04 Feb 2024 at 13:46

Confidence: High for generally unsettled and relatively seasonally mild, but lowering for the detail of worst conditions.

Headline for Monday 05 Feb 2024: Cloudy to overcast with occasional light rain or drizzle. Summit gales. Freezing level above all peaks.

Mountain weather hazards on Monday 05 Feb 2024		
Blizzards No Likelihood	Heavy persistent snow No Likelihood	Storm force winds No Likelihood
Gales Medium Likelihood	Severe chill effect Medium Likelihood	Poor visibility High 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 rain	Drizzle	Light rain	Light rain	Light rain	Drizzle	Light rain	Light rain
Precipitation probability							
60%	60%	60%	60%	70%	60%	80%	70%

Forecast for Monday 05 Feb 2024

Weather: Cloudy to overcast with occasional patchy light rain or drizzle, most persistent across western areas of the park.

Chance of cloud-free hill tops above 800m: 10%

Low cloud and visibility: Moderate or poor in rain and drizzle, very poor within cloud with bases extensive from 450m.

Forecast for Monday 05 Feb 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	43/56 W	41/54 W	38/50 SW	38/51 SW	39/53 SW	41/55 SW	42/56 SW	42/57 SW	42/58 SW
600	35/49 W	33/46 W	32/45 SW	33/46 SW	33/46 SW	34/48 SW	34/49 SW	34/50 SW	33/50 SW
300	14/42 W	12/38 W	13/36 SW	16/37 SW	16/39 SW	16/39 SW	16/40 SW	17/41 SW	17/41 SW
Valley	14/37 W	13/33 SW	16/34 SW	17/34 SW	17/35 SW	18/37 SW	18/38 SW	18/38 SW	19/39 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/-6	2/-6	2/-6	2/-6	2/-5	3/-5	3/-5	3/-4	3/-5
600	4/-2	4/-2	4/-3	4/-3	4/-2	5/-2	5/-2	5/-1	5/-2
300	6/2	6/2	5/1	5/1	6/2	6/2	7/3	7/3	7/3
Valley	8/5	8/5	7/4	7/3	8/4	9/5	9/5	9/6	9/6
Freezing Level*	1700m	1700m	1500m	1300m	1500m	1500m	1600m	1900m	2100m

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

Meteorologist's View

Severe wind chill confined to higher peaks. Extensive hill fog.

Forecast for Tuesday 06 Feb 2024

Weather: Overcast through the morning with periods of rain heavy at times, also turning to snow above 700m by mid-day. Rain and summit snow clearing gradually from the north from early afternoon, with largely dry and bright conditions reaching all by the end to the afternoon.

Maximum wind: Westerly beginning 30-35mph with gusts reaching 50mph across most exposed ridges and summits. Winds easing gradually through the day.

Chance of cloud-free hill tops above 800m: 10% or less becoming 70% from late afternoon.

Low cloud and visibility: Good becoming moderate or poor in rain and drizzle, very poor in snow and within cloud with bases extensive from 450m at first, before lifting and breaking from the north through the afternoon.

Temperature: **Valleys:** Plus 8 Celsius increasing 12 Celsius during the afternoon
At 800m: Plus 3 Celsius decreasing minus 3 Celsius during the evening
Freezing level: Above all summits lowering 500m during the evening

Ground Conditions Supplement

Date: Sunday 4 February Location: Helvellyn summit at 13:00 Full report: The majority of the Lakeland fells are now free of snow and ice with even the compacted ice on popular routes having thawed. The main exception is the exit slope to Swirral Edge which sports areas of steep icy snow above a large drop. Great care should be exercised here especially in descent and an ice axe and microspikes are recommended for this very short section. Striding Edge can now be climbed without setting foot on snow. Elsewhere the remaining patches of snow are to be found above 900m on steep north through east aspects. The winds were the main challenge today with gusts of 70mph recorded where it was being accelerated over ridges and funnelled through gaps. This was easily enough to blow a walker over with an associated risk of injury. Despite the lack of snow full winter clothing is still required to enjoy the fells in comfort and safety. The very minimum should include waterproof tops & bottoms, warm layers, hats and gloves, a map & compass, headtorch and boots with plenty of grip. Goggles were also useful in the high winds and driving rain. Temperature: plus 5.6C, Maximum wind speed 66.6mph, Wind chill: minus 3.8C, Average wind speed: 50.8mph
Issued at: 1346 on Sun 04 Feb 2024