

North Grampian

Including North and West Cairngorms National Park, Monadhliath, Ben Alder, Creag Meagaidh, Loch Ericht and Loch Rannoch

Forecast valid from 00:00 on Wednesday 09 Mar 2022 until 23:59 on Thursday 10 Mar 2022

Forecast Issued on Tuesday 08 Mar 2022 at 15:25 by Met Office Aberdeen

Confidence: High for a changeable, mainly unsettled week with periods of very strong, generally southerly to southeasterly winds. Medium for details of hill fog on Thursday and rain/summit snow from Friday.

Headline for Wednesday 09 Mar 2022: Rain turning increasingly to snow from late-afternoon, with storm force summit winds, easing later.

Mountain weather hazards on Wednesday 09 Mar 2022

Blizzards

Low Likelihood

Heavy persistent snow

Low Likelihood

Storm force winds

High Likelihood

Gales

High Likelihood

Severe chill effect

High Likelihood

Poor visibility

Medium Likelihood

Thunderstorms









No Likelihood

Heavy persistent rain

Medium 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
							
Cloudy	Cloudy	Cloudy	Dull	Heavy Rain	Heavy snow	Heavy snow	Fog
Precipitation probability							
10%	<05%	<05%	30%	80%	90%	80%	30%

Forecast for Wednesday 09 Mar 2022

Weather: Dry overnight conditions lasting until late-morning before a band of rain moves east across the area, affecting all hills through the afternoon. Rain initially turning to sleet or snow around 1000 m, but freezing levels will quickly lower from late-afternoon, allowing snow to fall to 300-500 m. Severe gale or storm force winds, especially on the Cairn Gorm Plateau and other exposed summits and ridges, before quickly easing later in the day.

Chance of cloud-free hill tops above 800m: 60% overnight into Wednesday morning, lowering 30% by early-afternoon as rain and hill snow move in, and 10% or less late-afternoon.

Low cloud and visibility: Excellent visibility away from isolated hill fog, with patchy cloud with bases 600-800 m overnight, mainly in the southeast. Visibility lowering moderate in rain through the afternoon, and very poor in snow or hill fog, with cloud bases widely 300-500 m, and occasionally 200 m.

Forecast for Wednesday 09 Mar 2022

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
1300	48/63 S	43/57 S	48/64 S	54/72 S	54/73 S	43/57 S	21/28 SW	14/18 SW	11/14 S
900	47/61 S	45/60 S	49/64 S	52/70 S	52/70 S	40/54 S	17/24 SW	11/15 S	8/12 S
600	32/47 S	33/48 S	35/51 S	37/55 S	37/56 S	29/44 S	12/20 SW	7/12 S	5/9 SW
300	19/41 S	14/33 S	19/42 S	21/45 S	23/49 S	18/39 S	7/16 S	5/11 S	4/9 S
Glen	7/32 S	6/26 S	8/32 S	9/36 S	10/37 S	8/30 SW	4/14 SW	4/10 S	3/9 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
1300	-4/-15	-4/-15	-4/-15	-4/-15	-3/-14	-2/-12	-3/-10	-4/-10	-5/-10
900	-0/-10	-0/-10	-0/-10	-0/-10	1/-9	1/-7	-1/-6	-2/-6	-2/-6
600	2/-5	2/-5	2/-6	2/-5	3/-4	3/-3	1/-2	0/-2	-0/-3
300	4/-1	4/-1	4/-1	5/0	7/2	6/2	3/0	2/-0	1/-2
Glen	4/0	4/1	5/0	6/1	8/4	8/4	4/2	2/0	1/-1
Freezing Level*	700m	700m	800m	800m	1000m	1100m	700m	500m	500m

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

Met Office Aberdeen Meteorologist's View

Snow and storm force winds combining to give extremely hazardous conditions through Wednesday.

Forecast for Thursday 10 Mar 2022

Weather: Areas of hill fog and rain and drizzle affecting a large area of the region until early-afternoon, before clearing northeast to leave a drier end to the day with hazy sunshine. Strong to gale southerly to southeasterly summit winds strengthen with severe gales through the evening.

Maximum wind: Southerly to southeasterly winds strengthening through the day, mean 30-40 mph gusting 45-55 mph peaking around the Cairn Gorm Plateau through the evening, with gusts 60-70 mph.

Chance of cloud-free hill tops above 800m: 10% or less morning and early-afternoon due to widespread hill fog, improving 75% later in the afternoon.

Low cloud and visibility: Very poor in hill fog with cloud bases 150-300 m during the morning and afternoon, improving good through the afternoon away from isolated hill fog, with patchy cloud bases 700-900 m.

Temperature: **Glens:** Minus 1 celsius increasing to plus 5 celsius.

At 800m: Minus 3 celsius increasing to zero celsius.

Freezing level: All elevations overnight, increasing near summits morning, lowering 600 m later.