

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 Thursday 06 Jan 2022 until 23:59 on Friday 07 Jan 2022

Forecast Issued on Wednesday 05 Jan 2022 at 14:43 by Met Office Aberdeen

Confidence: High for changeable and cold weather for the next few days. Low confidence for the extent of snowfall across the north of the area on Thursday, otherwise high for the next two days.

Headline for Thursday 06 Jan 2022: Bitterly cold with snow spreading from the west, blizzard like conditions developing in places. Storm force higher summit winds, moderating somewhat in the afternoon.

Mountain weather hazards on Thursday 06 Jan 2022

Blizzards
Low Likelihood

Heavy Snow
Low Likelihood

Storm force winds
Medium Likelihood

Gales
High Likelihood

Severe chill effect
High 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
							
Clear night	Partly cloudy (night)	Partly cloudy (night)	Cloudy	Heavy snow	Heavy snow	Heavy snow	Heavy snow
Precipitation probability							
00%	00%	00%	20%	70%	70%	40%	40%

Forecast for Thursday 06 Jan 2022

Weather: Dry and very cold in the hours of darkness. Cloud and outbreaks of snow will spread from the west from mid-morning, although amounts of snow are likely to be variable. Becoming drier across the east of the area from late afternoon, but snow showers will continue elsewhere into the evening. Some heavy snow showers will develop in the west towards midnight.

Chance of cloud free mountain/hill tops above 800m: 20%

Visibility: Mainly very good around dawn with small amounts of cloud on the summits. Then low cloud down to 500 metres becoming extensive and lingering for the rest of daylight hours as snow soon arrives from the west. Some cloud breaks possible around Creag Meagaidh and north of Cairngorm but these will be unreliable. Cloud becoming much more broken from the west after dark.

Forecast for Thursday 06 Jan 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	11/13 S	22/28 S	39/51 S	45/60 S	52/69 S	41/55 S	32/43 SW	31/43 SW	29/41 SW
900	9/12 S	20/25 S	39/50 S	51/64 S	56/72 S	48/62 S	30/40 SW	27/37 SW	27/38 SW
600	5/7 W	10/14 S	20/31 S	34/51 S	38/54 S	33/48 S	19/30 SW	17/27 SW	18/29 SW
300	4/8 SW	5/9 SW	6/17 S	18/40 S	23/49 S	22/46 S	12/27 SW	11/24 SW	11/24 SW
Glen	4/12 SW	4/15 S	4/20 S	4/24 S	5/27 S	7/31 S	5/20 SW	5/19 SW	6/20 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
1300	-9/-16	-10/-19	-9/-21	-8/-21	-7/-20	-6/-17	-5/-14	-6/-15	-7/-17
900	-5/-10	-4/-12	-4/-13	-4/-14	-4/-15	-2/-12	-2/-10	-3/-11	-4/-12
600	-4/-7	-3/-8	-3/-10	-2/-10	-1/-10	-0/-8	1/-6	-0/-7	-1/-8
300	-5/-8	-5/-8	-3/-7	0/-6	1/-6	2/-4	2/-2	1/-4	0/-4
Glen	-3/-7	-3/-7	-3/-7	0/-3	2/-2	3/-2	2/-1	1/-3	1/-4
Freezing Level*	00m	00m	00m	200m	300m	500m	700m	400m	300m

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

Met Office Aberdeen Meteorologist's View

Severe winter time conditions expected on Thursday. Blizzard like conditions developing at times with blowing snow and low cloud reducing visibility to near zero. Gusts to 80 to 90 mph possible on the Cairngorm Plateau in the morning.

Forecast for Friday 07 Jan 2022

Weather: A bright and very cold day with occasional snow showers, although these will be frequent and heavy across the west in the morning. Becoming drier through the afternoon and evening as a ridge of high pressure builds from the west.

Maximum wind: Westerly gusts 30 to 40 mph on higher tops.

Chance of cloud free mountain/hill tops above 800m: 70%

Visibility: Outside of cloud and showers expect excellent visibility and great air clarity, although snow may be blowing around on the higher tops. Cloud lowering to 700 metres as showers pass by, otherwise many summits mainly clear of cloud especially east of the A9.

Temperature: **Glens:** Minus 2 rising to 2 Celsius
At 800m: Minus 2 Celsius
Freezing level: 400 metres or less