

South Grampian and Southeast Highlands

Including South and East Cairngorms National Park, Aberdeenshire and Angus Hills, Ben Vrackie, Ben Lawers, Loch Tay and Ochils

Forecast valid from 06:00 on Monday 06 Dec 2021 until 23:59 on Tuesday 07 Dec 2021

Forecast Issued on Monday 06 Dec 2021 at 03:00 by Met Office Aberdeen

Confidence: High for cold, unsettled weather for much of the coming week. Also high confidence of dangerous conditions developing during Tuesday and into Wednesday with heavy snow and very strong winds.

Headline for Monday 06 Dec 2021: Cloudy with sleet and snow then drier and brighter later in morning and during afternoon. Wintry showers following to Perthshire hills. Cold and windy.

Mountain weather hazards on Monday 06 Dec 2021

Blizzards

Low Likelihood

Gales

Medium Likelihood

Thunderstorms

No Likelihood

Heavy Snow

Low Likelihood

Severe chill effect

High Likelihood

Heavy persistent rain

No Likelihood

Storm force winds







No Likelihood

Poor visibility

Medium 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 snow	Heavy snow	Sunny intervals	Light snow showers	Heavy snow showers (night)	Partly cloudy (night)
Precipitation probability					
70%	50%	20%	30%	30%	20%

Forecast for Monday 06 Dec 2021

Weather: A band of sleet and snow clearing later on Monday morning. Then drier and brighter with sunny spells although wintry showers will follow, mostly to Perthshire hills.

Chance of cloud free mountain/hill tops above 800m: Nil improving 70% from late morning, but 40% in west.

Visibility: Extensive cloud down to about 400 to 600m at first with very poor visibility in snow. Visibility will improve good later in the morning with clouds lifting and breaking up. However there will temporary reductions to very poor visibility in west as snow showers pass by, bringing clouds down to 600m.

Forecast for Monday 06 Dec 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
1100	56/66 S	39/47 S	31/39 SW	34/44 SW	29/38 SW	29/37 W	25/33 W
900	39/48 S	27/35 S	22/31 SW	24/34 SW	21/30 SW	19/27 W	18/27 W
600	27/44 S	21/36 S	17/31 SW	17/31 SW	16/30 SW	14/27 W	14/26 W
300	4/9 NW	6/19 S	7/18 SW	9/20 SW	7/18 W	7/19 W	8/20 W
Glen	8/20 SW	10/25 S	5/14 W	9/20 SW	6/15 W	6/16 W	8/18 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
1100	-4/-15	-4/-14	-4/-13	-4/-14	-4/-14	-5/-14	-5/-13
900	-2/-12	-2/-10	-2/-10	-2/-10	-3/-10	-3/-10	-3/-10
600	-1/-9	-1/-8	0/-6	-0/-7	-1/-7	-1/-7	-1/-7
300	0/-2	1/-2	2/-1	2/-2	1/-2	1/-3	0/-4
Glen	1/-2	2/-2	3/1	3/-1	2/-1	1/-2	0/-3
Freezing Level*	400m	400m	500m	500m	500m	500m	300m

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

Met Office Aberdeen Meteorologist's View

Difficult walking conditions with strong winds and sub-zero temperatures making it feel bitterly cold. Snow during the morning will bring an additional hazard.

Forecast for Tuesday 07 Dec 2021

Weather: A deceptively dry, bright start to the day. Becoming cloudy during the morning then snow extending northwards across the area during the afternoon. Dangerous conditions developing across the area as the snow will become heavy, accompanied by very strong winds leading to blizzards over higher ridges and summits. Also severe wind-chill. Sleet is likely on lower ground in east of area.

Maximum wind: Light winds at first then strengthening from a southeasterly direction later in morning with gales of severe gales in afternoon. Average speeds of 20mph increasing 30 to 40mph in afternoon with gusts 60mph on the tops.

Chance of cloud free mountain/hill tops above 800m: 90% at first reducing to nil in the afternoon.

Visibility: Very good in the morning but clouds mostly above the tops. However clouds will come well down the hills early in the afternoon with very poor visibility as snow sets in. This will lead to navigational difficulties.

Temperature: **Glens:** Minus 1 Celsius rising to plus 4 Celsius.

At 800m: Minus 2 Celsius.

Freezing level: 500m.