

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 00:00 on Tuesday 02 Jan 2024 until 23:59 on Wednesday 03 Jan 2024

Forecast Issued on Monday 01 Jan 2024 at 15:42 by Met Office Aberdeen

Confidence: Medium

Headline for Tuesday 02 Jan 2024: Cloudy with rain and hill snow, heavy at first with blizzards but easing with freezing levels edging up.

Mountain weather hazards on Tuesday 02 Jan 2024

Blizzards
Medium Likelihood

Heavy persistent snow
Medium Likelihood

Storm force winds
Low Likelihood

Gales
Low Likelihood

Severe chill effect
Medium Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
Low Likelihood

Strong sunlight
No Likelihood

| Weather and chance of precipitation 800m | | | | | | | |
|---|---|---|---|---|---|---|---|
| Time | | | | | | | |
| 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
|  |  |  |  |  |  |  |  |
| Fog | Heavy snow | Heavy snow | Sleet | Fog | Fog | Heavy Rain | Heavy Rain |
| Precipitation probability | | | | | | | |
| 30% | 80% | 90% | 80% | 80% | 40% | 40% | 40% |

Forecast for Tuesday 02 Jan 2024

Weather: Snow, with rain below 400-500m will extend north to all areas overnight, some heavy, with severe easterly gales bringing some blizzard conditions. Snow turning to rain at all levels over the Ochils by morning, while easing, the snow turning to rain up to 900-1000m over the East Highlands as the morning goes on, also easing. Staying cloudy through the afternoon, with patchy rain and summit snow, before some heavier outbreaks return in the evening.

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

Low Cloud and visibility: Cloudy throughout, with bases mostly in the 600-800m range. Visibility occasionally poor in rain and very poor in snow, but improving good in drier interludes away from the cloud.

Forecast for Tuesday 02 Jan 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 |
| 1100 | 34/41 SE | 36/44 SE | 40/49 SE | 36/44 SE | 22/28 SE | 16/21 SE | 19/25 SE | 19/25 SE | 18/23 S |
| 900 | 25/32 SE | 26/34 SE | 28/36 SE | 23/31 SE | 16/22 SE | 12/17 SE | 14/20 SE | 13/19 SE | 13/18 S |
| 600 | 12/23 SE | 15/27 SE | 16/28 E | 12/24 SE | 9/18 SE | 6/11 SE | 7/14 SE | 7/15 SE | 7/13 S |
| 300 | 5/14 E | 8/21 E | 9/23 E | 9/22 E | 6/14 E | 5/11 E | 5/11 E | 5/11 E | 4/9 N |
| Glen | 6/14 E | 7/19 E | 11/25 E | 10/24 E | 7/15 E | 6/11 NE | 6/12 SE | 5/11 S | 5/11 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 |
| 1100 | -4/-13 | -3/-13 | -3/-13 | -2/-11 | -1/-8 | -1/-6 | -1/-7 | -1/-8 | -1/-8 |
| 900 | -2/-10 | -2/-9 | -1/-9 | -0/-8 | 0/-5 | 1/-4 | 0/-5 | 0/-5 | 0/-5 |
| 600 | -0/-5 | 0/-5 | 0/-6 | 1/-4 | 2/-2 | 1/-1 | 2/-2 | 2/-2 | 2/-1 |
| 300 | 0/-2 | 2/-2 | 2/-2 | 3/-1 | 4/1 | 3/1 | 3/1 | 3/1 | 2/0 |
| Glen | 1/-2 | 2/-1 | 3/-1 | 4/0 | 5/2 | 4/2 | 4/2 | 4/2 | 4/2 |
| Freezing Level* | 500m | 700m | 600m | 800m | 1100m | 1100m | 1100m | 1100m | 1100m |

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

Met Office Aberdeen Meteorologist's View

Severe overnight and early morning conditions easing somewhat during the but still rather unpleasant, challenging conditions.

Forecast for Wednesday 03 Jan 2024

Weather: Cloudy with further showers through the day, with snow above about 900-1000m.

Maximum wind: South or southwesterly 25 gusts 35mph.

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

Low Cloud and visibility: Frequent or persistent cloud at 750-900m with patches to 600m

Temperature: **Glens:** Plus 8 Celsius
At 800m: Plus 3 Celsius
Freezing level: 1100m