

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 05 Mar 2024 until 23:59 on Wednesday 06 Mar 2024

Forecast Issued on Monday 04 Mar 2024 at 16:58 by Met Office Aberdeen

Confidence: Moderate for Tuesday due to uncertainty on the timings of the improvement and extent of cloud breaks during the middle part of the day. Otherwise high confidence for a more settled period on Wednesday and Thursday.

Headline for Tuesday 05 Mar 2024: Severe summit gales easing slightly. Cloudy at first with rain and summit snow, becoming drier with some brighter spells. Clouding over later in the afternoon with patchy light rain and summit snow.

Mountain weather hazards on Tuesday 05 Mar 2024

Blizzards
Medium Likelihood

Heavy persistent snow
Low Likelihood

Storm force winds
Low Likelihood

Gales
Medium Likelihood

Severe chill effect
Medium Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No 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 |
|  |  |  |  |  |  |  |  |
| Heavy snow | Heavy snow | Heavy snow | Light snow | Sunny intervals | Sunny intervals | Light snow showers (night) | Light snow showers (night) |
| Precipitation probability | | | | | | | |
| 60% | 60% | 60% | 60% | 20% | 20% | 30% | 30% |

Forecast for Tuesday 05 Mar 2024

Weather: Severe summit gales, possibly storm force for a time at first with outbreaks of rain, falling as snow above 900m. It will then be a largely cloudy start to the day with rain, sometimes heavy and falling as snow above 900m. Becoming generally drier and brighter from the west through the morning with some good brighter spells in the middle part of the day. Thickening cloud late afternoon with risk of light and patchy rain, falling as snow above 900m. Severe summit gales through the morning with risk of blizzards and significant wind chill, winds easing slightly through the afternoon.

Chance of cloud-free hill tops above 800m: 10% at first, becoming 60% during the middle part of the day. Then falling to 30% late afternoon.

Low Cloud and visibility: Broken or overcast cloud bases 600-800m at first. Bases lifting 800-1000m and becoming more scattered from late morning. Generally good visibility, but falling poor or very poor in snow with risk of whiteout conditions on the summits in the morning.

Forecast for Tuesday 05 Mar 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 | 47/54 SE | 45/54 SE | 43/52 SE | 39/48 SE | 36/44 SE | 30/37 S | 26/32 SE | 18/24 SE | 16/22 SE |
| 900 | 30/37 SE | 32/41 SE | 30/39 SE | 28/36 SE | 27/35 SE | 21/29 S | 18/24 SE | 15/21 SE | 14/20 SE |
| 600 | 18/32 SE | 20/35 SE | 19/34 SE | 19/32 SE | 17/30 SE | 12/23 SE | 9/18 SE | 11/19 SE | 8/16 SE |
| 300 | 13/27 SE | 13/27 SE | 13/27 SE | 13/27 SE | 10/22 SE | 10/20 SE | 7/16 SE | 6/14 SE | 6/13 E |
| Glen | 12/26 SE | 13/27 SE | 12/26 SE | 13/27 SE | 11/23 SE | 9/18 SE | 6/15 E | 7/15 SE | 6/12 E |

| 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 | -2/-12 | -1/-11 | -1/-11 | -1/-11 | -2/-11 | -1/-10 | -1/-9 | -1/-8 | -1/-7 |
| 900 | -0/-8 | 0/-8 | 0/-7 | 1/-7 | 0/-7 | 1/-6 | 1/-5 | 1/-5 | 1/-4 |
| 600 | 1/-5 | 2/-4 | 2/-4 | 2/-4 | 3/-3 | 3/-1 | 3/-1 | 2/-2 | 2/-2 |
| 300 | 4/-1 | 4/0 | 4/0 | 5/1 | 6/2 | 6/3 | 5/2 | 4/2 | 4/1 |
| Glen | 4/0 | 5/1 | 5/2 | 6/2 | 6/3 | 7/4 | 5/3 | 5/2 | 4/2 |
| Freezing Level* | 800m | 900m | 900m | 900m | 900m | 900m | 900m | 900m | 900m |

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

Met Office Aberdeen Meteorologist's View

Severe summit gales will make very difficult walking conditions, especially in the morning. Note considerable uncertainty on extent of cloud breaks.

Forecast for Wednesday 06 Mar 2024

Weather: Mainly cloudy with light rain and summit snow. Becoming drier through the day, with the best of any cloud breaks across western areas later.

Maximum wind: 30-40 mph on the summits.

Chance of cloud-free hill tops above 800m: 20% at first rising to 40%.

Low Cloud and visibility: Generally good. But moderate or poor in summit snow.

Temperature: **Glens:** Plus 2 C rising to Plus 6 C.
At 800m: Plus 1 C.
Freezing level: 900m.