

Avalanche danger forecast for Wednesday 2/24/2021

AVALANCHE DANGER

High temperatures already in the early morning and 0°C at 3400 m:
rapid increase of danger during the day!

Avalanche problems: wet snow and gliding-snow avalanches.

Discreet night refreeze only in the morning. Rapid increase of danger already from the early morning.

Locally, in the narrowest valleys, there is a thermal inversion early in the morning, with negative temperatures below 2000 m and positive above.

Natural avalanches

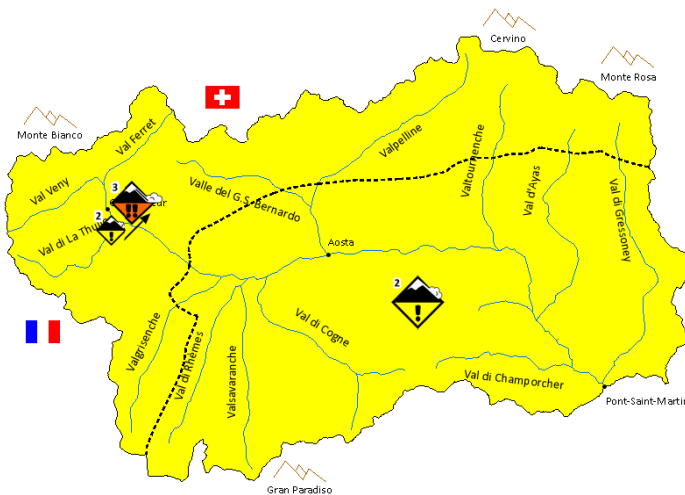
Below 3000-3200 m sluffs and above all surface medium avalanches of wet/very wet snow from rocky bars and along gullies on very steep slopes.

At all aspects, below 2500 m, avalanches, including background avalanches (with the opening of glide-crack), which can be released from very steep slopes. Some of them could reach the valley floor in usual areas.

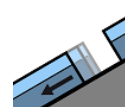
Triggered avalanches

Below 3000 m, on S very steep slopes, it is possible to trigger small/medium surface avalanches of wet and very wet snow, especially near rocky outcrops.

Hiking / ski mountaineering activities must be carefully planned with a careful assessment of the humidification of the snowpack.



< 3000-3200 m



< 2500-2700 m

AVALANCHE DANGER TREND

Thursday 25:



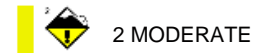
Friday 26:



Constant. High minimum temperatures and 0° above 3000 m during the day. Discreet night refreeze only early in the morning.

EUROPEAN AVALANCHE DANGER SCALE

↑ Rising avalanche danger during the day



Snow cover and snowpack

In general, snow cover is better at mid-mountain altitudes and is more uneven above 2500 m, with eroded bumps, full hollows and valleys. The center of the valley and the areas of Gran Paradiso have less snow.

Above 2300 m at all aspects there are widespread persistent weak basal layers, not active at the moment.

Possible weak layer just above or just below the sand freeze crust.

Discreet night refreezing only in the morning. Thermal inversion only in the narrowest valleys with negative temperatures during the night below 2000 m of altitude.

Avalanches observed over the last 48h

Sluffs of damp/wet snow the sunny slopes.

Skiability

Steep southern slopes: up to 2800-3000 m spring snow, frozen in the morning (the use of knives is recommended), then gradually softer.

North slopes, especially in the west of the Region: powdery or chalky snow only locally.

Other aspects and altitudes: wind or refreeze crusts, difficult to ski.

TYPICAL AVALANCHE PROBLEMS



NEW SNOW



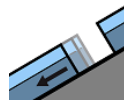
WIND-DRIFTED SNOW



PERSISTENT WEAK LAYERS



WET SNOW



GLIDING SNOW

CRITICAL LOCATIONS



IN BLACK: THE MORE CRITICAL ASPECTS AND ELEVATIONS

Snow and avalanche bulletin n° 86 issued on 2/23/2021 at 04.00 PM

Valid outside the ski runs controlled and managed by the ski resorts.

For an accurate interpretation of the Bulletin, a specific guide is available at www.aineva.it/guida-bollettini/