

Avalanche danger forecast for Monday 5/14/2018

AVALANCHE DANGER

since Sunday on late afternoon new snowfalls above 2000-2200 m with SE winds and gradual drop in temperature

Issued with few informations.

On the whole region the avalanche danger level is 3-considerable.

Avalanche problems: **new wind-drifted snow** et **wet snow**.

Between Sunday in the late afternoon and Monday morning widespread precipitations and storms with a sharp drop in temperature. Snowfalls au-dessus de 2000-2200 m: 30 cm forecast, with amounts up to 50 cm (storms) and moderate winds from SE. The snow/rain limit is expected to fall during the night at 1500 m.

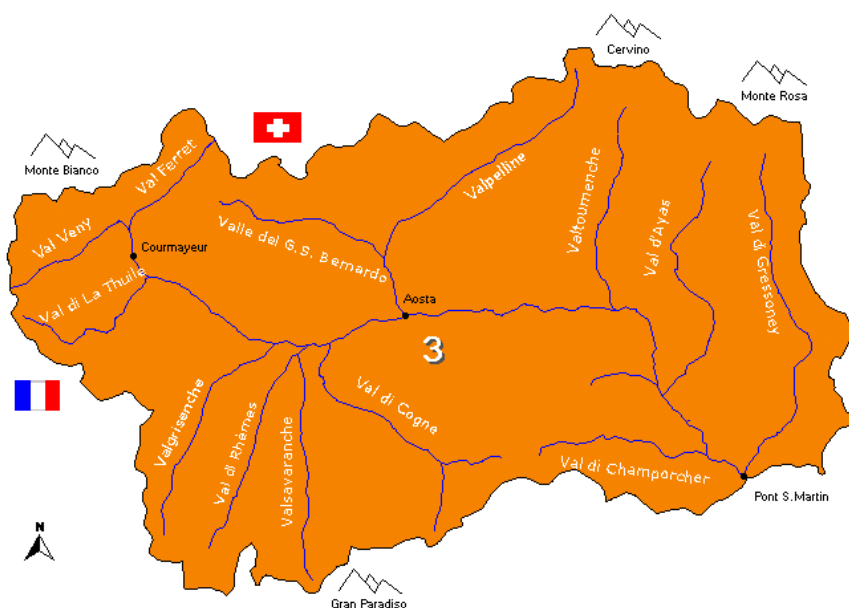
In the first phase of the precipitation (Sunday late afternoon) avalanche activity mainly linked to the wet snow.

Below 2000-2400 m, in locations not yet with avalanches and with still snow on the ground (mainly north aspects of the lateral valleys), the rain effect can lead to a slight recovery of the natural avalanche activity with wet snow avalanches of small/medium size, rarely large, which could in individual cases affect the roadways.

During the night and on Monday, with the drop in temperatures, the main avalanche problem will gradually shift towards the new wind-drifted snow, with a relative increase of the spontaneous and triggered avalanche activity.

In spite of the lowering temperatures, at the arrival of the sun, above 2200-2400 m there will be an increase in spontaneous avalanche activity with small/medium size avalanches of fresh snow, both of loose snow at all aspects from the rocky bars and in the usual gullies, both slabs on the north-western aspects, on open slopes, mainly under the ridges and on slope changes.

The same characteristics of the critical locations are to be taken into account for the accidental release which will be possible at the passage of an individual skier.



AVALANCHE DANGER TREND

Tuesday 15:



Wednesday 16:



From Monday, May 14, the issue of the Snow and Avalanche Bulletin will stop and until the end of May the Informative Notes on snow conditions will be issued weekly.

EUROPEAN AVALANCHE DANGER SCALE

↑ Rising avalanche danger during the day



5

VERY HIGH



4

HIGH



3

CONSIDERABLE



2

MODERATE



1

LOW

Snow and snowpack stability

Spring-type snowpack. Refreezing of the superficial layer only above 2600 m where the night was clear, where there were local thunderstorms and cloudiness refreezing only above 3000 m. Below 2600 m the snow is wet and rapidly melting.

Above 3000 m locally there is a very wet new snow that is well bonded with the old snowpack. In some cases there is graupel present inside the snowpack. Often the surface is dirty with sand and it heats up even faster at the arrival of the first sunlight.

The elements to be considered for a good planning of an excursion are the presence or absence of night refreezing and the arrival of the sun during the morning. These factors determine the degree of local danger.

Pay attention also to the "snow bridges" that cover the rivers and which are increasingly thin and become unstable if overloaded.

Avalanche activity

In the last 24 hours few avalanche activity. Sluff of wet snow from the very steep slopes and rocky bars below 3500 m.

Snowcover still very good, especially on the northern slopes

From mid-April there has been a rapid merger (hot+sun+rain) on the southern and mid-mountain slopes. The snow is continuous from 2300-2500 at south, from 1800-2100 at north; a few hundred meters less in the heads of the side valleys, where the snow is more abundant at all levels.

Skiability

From 2400 up to 3000-3200 m surface with wet snow / gear (it sinks a lot also with skis), above the 3500 m locally a span of new snow very wet which rests on a bearing snowpack. Between 2000 and 2500 m is the worst snow because it is really really wet and dense.

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° 164 issued on 5/13/2018 at 04.00 p.m.
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/

