

National avalanche bulletin no. 95

for Monday, 11 February 2008

issue date 10.2.2008, 18:30 hours

Generally favourable avalanche situation

Current conditions

The sunny weather continued on Sunday. Midday temperatures at 2000 m were generally plus 4 degrees, in the Engadine plus 2 degrees. Light to moderate northeasterly winds prevailed.

On shady slopes above approximately 1000 m, in Sotto Ceneri above approximately 1500 m, there is snow widespread. The snow surfaces and the snow distribution vary widely from area to area. A brittle melt-freeze crust is evident widespread on very steep sunny slopes in western regions below about 3000 m, in eastern regions below about 2600 m, which forms corn snow during the day. In the Prealps and the western part of the northern flank of the Alps, the snowpack is encrusted by rain as far up as medium altitudes. Above that level, it is strongly influenced by the wind. In the remaining regions, especially in wind-protected shady areas, there is still powder snow. With increasing altitude, the snow surface is hard and compressed by the wind.

Faceted, poorly consolidated layers are evident in the snowpack primarily in the inneralpine regions of the Valais and Grisons. This is particularly the case in regions near the treeline where the snow is very shallow and in wind-protected areas above the treeline.

Short-term development

On Monday it will continue to be sunny. Moderate northeasterly winds will prevail. Midday temperatures at 2000 m will be plus 2 degrees in western regions and zero degrees in eastern regions.

Avalanche danger forecast for Monday

Northern Alpine Ridge; Valais; northern Ticino; Grisons excluding lower sections of the Calanca valley and Misox:

Moderate avalanche danger (Level 2)

The avalanche prone locations are found on west to north to east facing slopes above approximately 2000 m. On the northern Alpine Ridge, in the Prättigau, the Silvretta and the Samnaun, in Lower Valais, on the Main Alpine Ridge from the Simplon to Bernina regions, in Puschlav, in northern Ticino as well as the upper Calanca valley and Misox, the avalanche prone locations are found in areas adjacent to ridge lines, gullies and bowls in particular. Especially in transitions to gullies and bowls, older snowdrift accumulations near to the surface can be triggered as avalanches.

In the remaining regions of this danger level, isolated avalanches can still be triggered in lower layers of the snowpack on steep slopes with rather shallow snow. These avalanches could attain medium size.

Remaining regions of the northern flank of the Alps including Prealps; central Ticino and Sottoceneri as well as lower sections of the Calanca valley and Misox:

Low avalanche danger (Level 1)

Isolated avalanche prone locations are found in extremely steep, shady gullies and bowls in particular.

Through solar radiation and the daytime warming process, moist sluffs can be expected on very steep, sunny slopes. In western and southern regions, this is particularly the case at altitudes below about 2500 m, in eastern regions below about 2200 m. Isolated full depth wet snowslides are also possible.

Trend for Tuesday and Wednesday

On Tuesday and Wednesday it will continue to be generally sunny. The avalanche danger will gradually subside.

Additional information: 'Fax-on-demand' (CHF 1.49/min)

0900 59 2020 List of fax aids SLF
 0900 59 2025 Snow Depths Map (in case of major change)
 0900 59 2026 New Snow Map daily

Weather Information in collaboration with MeteoSwiss

0900 162 138 / 338 Alpine Weather Report MeteoSwiss phone/fax
 (phone: CHF 1.20/min) (fax: CHF 2.--/min)

Regional avalanche bulletins (CHF 1.49/min)

0900 59 20 31 Central Switzerland
 0900 59 20 32 Lower Valais / VD
 0900 59 20 33 Upper Valais
 0900 59 20 34 North and Central Grisons
 0900 59 20 35 South Grisons
 0900 59 20 36 Bernese Oberland
 0900 59 20 37 Eastern Part of the Northern Slope of the Alps

Internet: <http://www.slf.ch>

WAP: wap.slf.ch

Teletext: Page 782 (SF DRS)

Phone: 187 (Fr. 0.50/call and min)

Feedback information:

Email: lw@slf.ch

Free phone/fax: 0800 800 187 / 88

Avalanche danger forecast

for Monday, 11. February 2008

Danger level

1 LOW

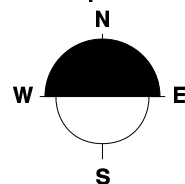
2 MODERATE

3 considerable

4 high

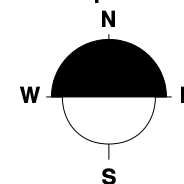
5 very high

Moderate mainly
for gullies
in the aspects W - E



above about 2000m

Moderate mainly
for steep slopes
in the aspects W - E



above about 2000m

SLF
ENA
SNV
PNL

