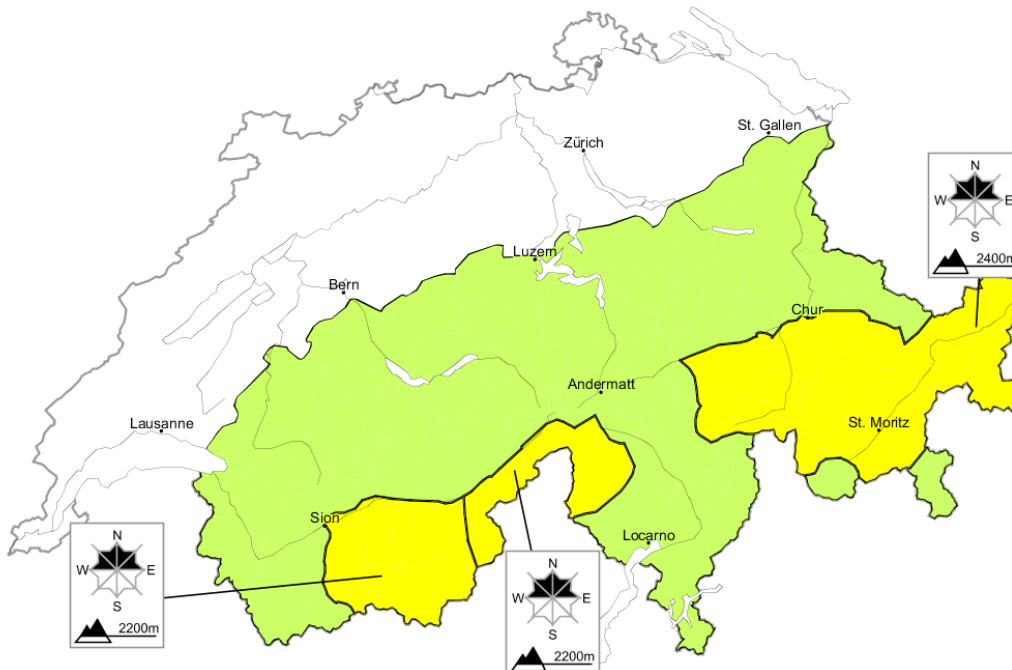


Increase in avalanche danger as the day progresses

Edition: 4.3.2013, 08:00 / Next update: 4.3.2013, 17:00

Dry avalanches

updated on 4.3.2013, 08:00

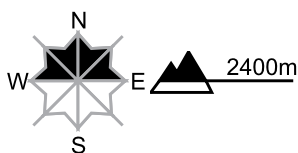


Dry, Region A **Level 2, moderate**



Old snow

Avalanche prone locations



Danger description

Avalanches can in isolated cases be released in deep layers. Caution is to be exercised in particular on little-used, rather lightly snow-covered slopes. The avalanche prone locations are rare but barely recognisable, even to the trained eye. Slight increase in danger of dry avalanches especially on steep south facing slopes. Careful route selection is advisable.

Additional danger: Wet avalanches as day progresses (see 2nd map)

Danger levels

1 low

2 moderate

3 consider.

4 high

5 very high



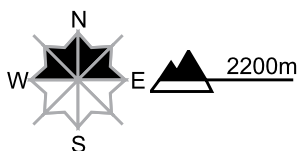
Dry, Region B

Level 2, moderate



Old snow

Avalanche prone locations



Danger description

Avalanches can in isolated cases be released in deep layers. Caution is to be exercised in particular on little-used, rather lightly snow-covered slopes. The avalanche prone locations are rare but barely recognisable, even to the trained eye. Slight increase in danger of dry avalanches especially on steep south facing slopes. Careful route selection is advisable.

Additional danger: Wet avalanches as day progresses (see 2nd map)

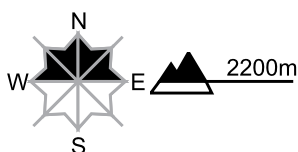
Dry, Region C

Level 2, moderate



Old snow

Avalanche prone locations



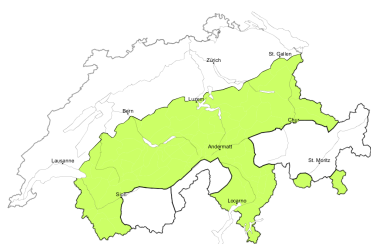
Danger description

Avalanches can be released in near-surface layers. Very steep shady slopes are to be evaluated with care and prudence.

Additional danger: Wet avalanches as day progresses (see 2nd map)

Dry, Region D

Level 1, low



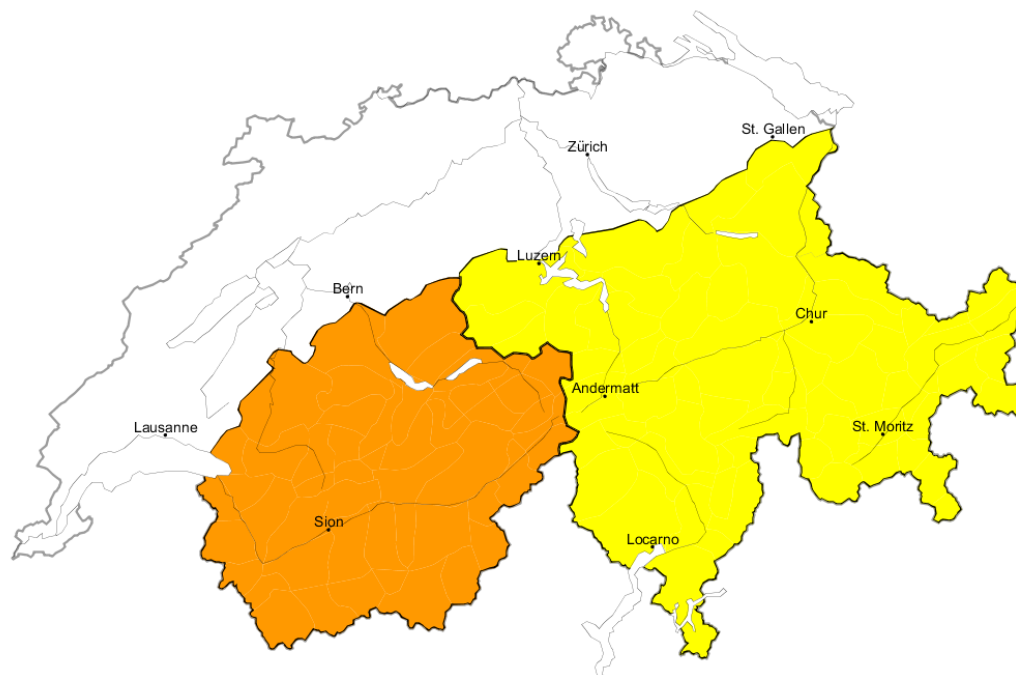
Old snow

Avalanches can in isolated cases be released in near-surface layers. The avalanche prone locations are to be found especially adjacent to the ridge line and in gullies and bowls. Restraint should be exercised in view of the danger of being buried, but in particular because avalanches can sweep people along and give rise to falls.

Additional danger: Wet avalanches as day progresses (see 2nd map)

Wet avalanches as day progresses

updated on 4.3.2013, 08:00



Wet, Region A

Level 3, considerable



Wet avalanches as day progresses

As the day progresses full-depth and wet avalanches are to be expected below approximately 2600 m. This applies in particular on steep west, south and east facing slopes. Areas with glide cracks are to be avoided as far as possible.

Additional danger: Dry avalanches (see 1st map)

Wet, Region B

Level 2, moderate




Wet avalanches as day progresses


As the day progresses full-depth and wet avalanches are to be expected below approximately 2400 m. This applies in particular on steep west, south and east facing slopes. Areas with glide cracks are to be avoided as far as possible.

Additional danger: Dry avalanches (see 1st map)

Danger levels

 1 low

 2 moderate

 3 consider.

 4 high

 5 very high



WSL Institute for Snow and
Avalanche Research SLF
www.slf.ch

Snowpack and weather

updated on 3.3.2013, 17:00

Snowpack

In the inneralpine regions of the Valais, in central Grisons, in the Engadine and in Val Müstair, more than anywhere else, there are intermediate and more deeply embedded layers inside the snowpack which are to some extent faceted and weak. In those regions, particularly on steep slopes which are rarely frequented by skiers or freeriders or in places where the snow is shallow, avalanches can in isolated cases fracture in the old snow cover. In the remaining regions, the snowpack is favourably structured, by and large.

On the northern flank of the Alps, in Valais, in northern and in central Grisons more than anywhere else, full depth snowslides have been observed below approximately 2600 m, especially on steep, smooth slopes. Very steep, south facing slopes have become thoroughly wet below approximately 2600 m. Following nights with clear skies, the snowpack surface up to nearly 3000 m in those areas is capable of bearing loads. On shady slopes, the snowpack continues to be powdery and loosely packed.

Observed weather on Sunday, 3.3.2013

In the mountains it was sunny, with outstanding long distance visibility.

Fresh snow

-

Temperature

At midday at 2000 m, between +3°C in western and southern regions and 0°C in eastern regions

Wind

On Saturday night moderate velocity winds widespread, during the day on Sunday predominantly light winds

- in western regions, westerly winds
- in eastern and southern regions, northerly winds

Weather forecast until Monday, 4.3.2013

On Sunday night, skies will again be clear, during the day on Monday the sunny weather will continue in the mountains.

Fresh snow

-

Temperature

At midday at 2000 m, approximately +3°C

Wind

Light to moderate strength southerly winds, gradually increasing in velocity over the course of the day

Outlook until Wednesday, 6.3.2013

On Monday night, skies will once again be clear. During the day on Tuesday, cloud cover will gradually become more dense from the south. On Wednesday in northern regions it will be rather sunny, accompanied by southerly foehn winds. In southern regions skies will be overcast and a small amount of snowfall is anticipated. The southerly wind is expected to increase in velocity over the course of both days and be blowing at strong to storm strength on Wednesday. In northern regions, temperatures will rise still further. The avalanche danger is expected to increase widespread.