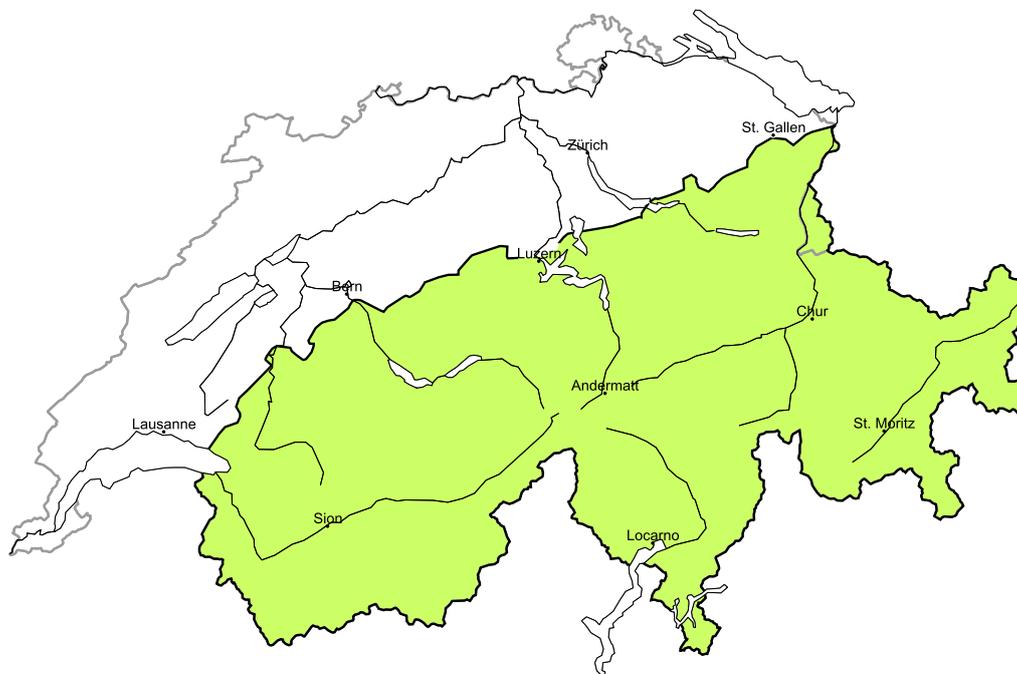


# Increase in danger of wet and full-depth avalanches from late morning

Edition: 19.3.2014, 08:00 / Next update: 19.3.2014, 17:00

## Dry avalanches

updated on 19.3.2014, 08:00



**Dry**

**Level 1, low**



### Old snow

Individual avalanche prone locations for dry avalanches are to be found in particular in extremely steep terrain. Restraint should be exercised because avalanches can sweep people along and give rise to falls.

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

**Danger levels**

 1 low

 2 moderate

 3 consider.

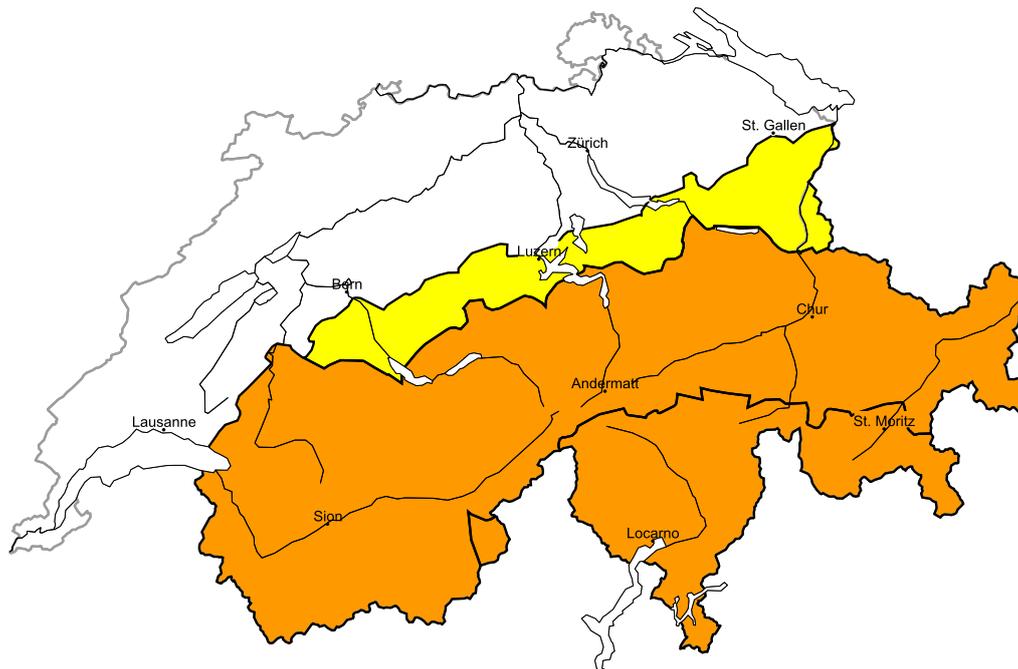
 4 high

 5 very high



## Wet avalanches as day progresses

updated on 19.3.2014, 08:00



### Wet, Region A

Level 3, considerable



#### Wet avalanches as day progresses

Outgoing longwave radiation during the night will be reduced. The danger of full-depth and wet avalanches will already increase in the late morning. As a consequence of solar radiation small and medium-sized full-depth and wet avalanches are to be expected below approximately 3000 m, in particular on very steep east, south and west facing slopes. Backcountry tours should be concluded early. Caution is to be exercised in areas with glide cracks.

Western part of the northern flank of the Alps, Valais: Also on north facing slopes individual full-depth and wet avalanches are possible below approximately 2400 m.

**Additional danger: Dry avalanches (see 1st map)**

### Wet, Region B

Level 3, considerable



#### Wet avalanches as day progresses

Full-depth avalanches are the main danger. They can in isolated cases reach large size. Individual full-depth avalanches can also be released in the night or in the morning. Caution is to be exercised in areas with glide cracks.

As a consequence of solar radiation mostly small wet loose snow avalanches are to be expected below approximately 2800 m, in particular on very steep east, south and west facing slopes. Backcountry tours should be concluded timely.

**Additional danger: Dry avalanches (see 1st map)**

Danger levels

1 low

2 moderate

3 consider.

4 high

5 very high



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**Wet, Region C**

**Level 2, moderate**



**Wet avalanches as day progresses**

Outgoing longwave radiation during the night will be reduced. The danger of full-depth and wet avalanches will already increase in the late morning. As a consequence of warming during the day and solar radiation mostly small full-depth and wet avalanches are to be expected, in particular on very steep east, south and west facing slopes. Backcountry tours should be concluded timely. Caution is to be exercised in areas with glide cracks.

**Additional danger: Dry avalanches (see 1st map)**

## Snowpack and weather

updated on 18.3.2014, 17:00

### Snowpack

On steep north facing slopes at high altitudes and in the high Alpine regions, the surface of the snowpack has been influenced by the wind and remains mostly dry. After a partly clear night in the south, a strong crust will form on the surface of steep south facing slopes. In the other regions only a thin crust will form, which will quickly soften again in the morning. The snowpack is isothermal at 0 °C and becoming increasingly moist below approximately 3000 m on steep south facing slopes, and below 2700 m on east and west facing slopes.

The snow line is approximately 1000 m on north facing slopes, and approximately 1400 to 1800 m on south facing slopes. The bonding of the snowpack is favourable in most regions. It is less favourable in particular on west, north and east facing slopes in southern Valais, in northern and central Grisons, and in northern Lower Engadine. Here in particular, dry avalanches in isolated cases and, to a growing extent on east and west facing slopes, moist avalanches can penetrate even near-ground weak layers.

### Observed weather on Tuesday, 18.3.2014

The weather was mostly sunny.

#### Fresh snow

-

#### Temperature

At midday at 2000 m: about +8 °C

#### Wind

Light to moderate from the west

### Weather forecast through Wednesday, 19.3.2014

The north will be cloudy during the night and the outgoing longwave radiation will be reduced. In the south the night skies will be partly clear. In the east a little snow will fall above approximately 1300 m. It will be sunny during the day in the west and south. In the east the weather will brighten up as the morning progresses.

#### Fresh snow

Central and eastern parts of the northern flank of the Alps: a few centimetres

#### Temperature

At midday at 2000 m: between +2 °C in the north and +4 °C in the south

#### Wind

Strong from the north at elevated altitudes during the night, easing as the day progresses

### Outlook through Friday, 21.3.2014

#### Thursday

After a clear night, Thursday will be sunny. The avalanche situation will be favourable in the morning. Wet and full-depth avalanches are to be expected as the day progresses.

#### Friday

On Thursday night the skies will be only partly clear in the south in particular. During the day it will be quite sunny in the regions that are exposed to the foehn, but cloud will increase in the south. The avalanche situation will remain favourable over a wide area in the morning. In particular in the regions exposed to the foehn, the danger of wet snow and full-depth avalanches will increase during the day.