

## National avalanche bulletin no. 137

for Tuesday, 10 April 2012

issue date 9.4.2012, 18:30 hours

### *Considerable avalanche danger in some northern regions*

#### Current conditions

After a clear night, cloud quickly built up in the north on Easter Monday. Towards the south, the weather remained quite sunny until the afternoon. The midday temperature at 2000 m climbed to minus 2 degrees. During the night, the wind was moderate to strong from the north. During the day, the wind was moderate from the west.

In particular on east, south and west facing slopes, the layers of fresh snow and the snow drift accumulations from the weekend have settled to a large extent and become stable in most places. These layers are deepest on the northern flank of the Alps.

In particular in southern Valais and in Grisons, the old snowpack is faceted and weakly bonded on some north facing slopes with rather shallow snow cover.

#### Short-term development

After a mostly cloudy night, the weather will be bright on Tuesday in the regions of the north and Valais that are exposed to the foehn. In the west it will become increasingly cloudy, and in the south it will be mostly very cloudy. By Tuesday evening, 5 to 10 cm of snow will fall above 2000 m in the far west and on the southern flank of the Alps. Midday temperatures at 2000 m will be about plus 3 degrees in the north and 0 degrees in the south. The wind direction will change to southerly during the day. In the regions exposed to the foehn and at high altitude, it will be moderate to strong.

#### Avalanche danger forecast for Tuesday

Northern flank of the Alps from Les Diablerets to Liechtenstein excluding both the Prealps and Urseren:

*Considerable avalanche danger (level 3)*

The avalanche prone locations are to be found, in particular, on northwest to north to east facing wind-loaded slopes above approximately 2200 m. Fresh and older snow drift accumulations from the weekend can be released as avalanches by a single person. Experience in the assessment of the avalanche danger is required.

Prealps; Chablais; Vaud Alps; Valais excluding the southern Simplon region; Urseren; main Alpine ridge in Ticino; Grisons excluding both Lower Val Calanca and Lower Val Moesa:

*Moderate avalanche danger (level 2)*

Avalanche prone locations are to be found, in particular, on west to north to east facing wind-loaded slopes. They are to be found above approximately 2000 m in Chablais, the Vaud Alps and the Prealps, and above approximately 2400 m in the other regions subject to this danger level. Fresh snow drift accumulations must be evaluated with care and prudence. They can be released easily in some cases, but are generally small. In the high Alpine regions, the avalanche prone locations are more prevalent.

In particular in central Grisons and Upper Engadine, isolated avalanches can be released in deep layers of the snowpack on little used north facing slopes with rather shallow snow cover.

In all the regions subject to this danger level, careful route selection is recommended.

Southern Simplon region; regions south of the central part of the main Alpine ridge:

*Low avalanche danger (level 1)*

Isolated avalanche prone locations are to be found, in particular, in areas with fresh, small snow drift accumulations adjacent to the ridge line. In exposed terrain, caution should be exercised because avalanches can sweep people along and give rise to falls.

In all regions, the danger of wet snow avalanches will increase during the day. In view of the solar radiation and warming, wet loose snow avalanches are to be expected up to high altitudes. In addition, at intermediate altitudes in particular, isolated wet snow and full-depth avalanches can occur and release the entire snowpack.

#### Trend for Wednesday and Thursday

On Wednesday, snow will fall above approximately 1500 m. About 50 cm may fall in the south. Thursday will be changeable with some precipitation. On Wednesday, the danger of dry avalanches will increase, significantly in the south. The danger will decrease only slowly on Thursday. The danger of wet snow avalanches will increase on Wednesday in particular as a consequence of rain at intermediate altitudes.

##### National avalanche bulletin as an MMS (Fr. 0.50/MMS)

Send an SMS with the corresponding key word to the speed dial number 162.

LAWINE overview of the keywords  
LAWCHD national avalanche bulletin (german)

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0900 162 138 / 338 Alpine Weather Report MeteoSwiss phone/fax  
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##### Regional avalanche bulletins (Fr. 0.50/MMS)

LAWZCH Central Switzerland  
LAWBVS Lower Valais / VD  
LAWOVS Upper Valais  
LAWNGR North and Central Grisons  
LAWSGR South Grisons  
LAWBEO Bernese Oberland  
LAWEAN Eastern Part of the Northern Slope of the Alps

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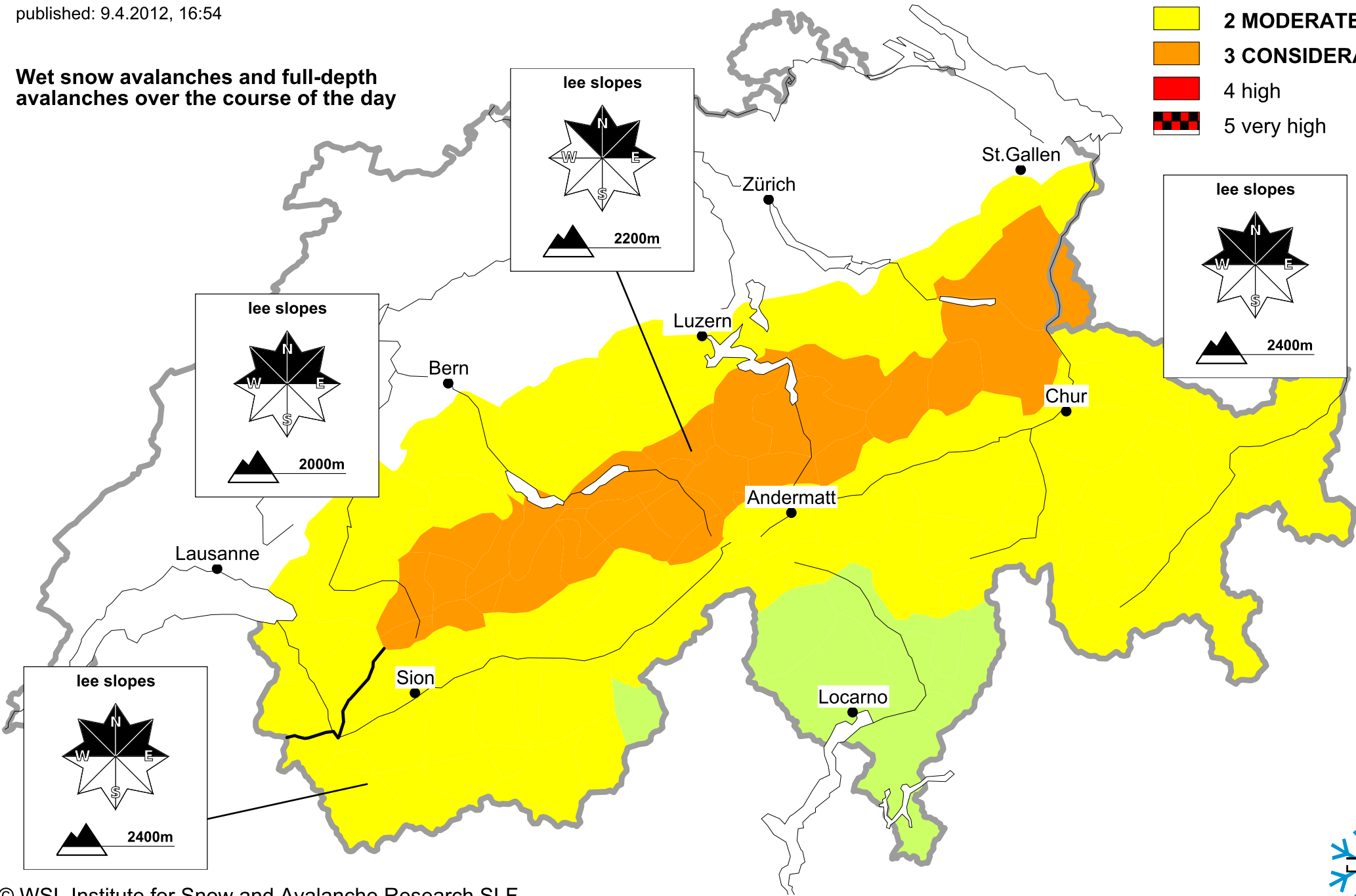
# Avalanche danger forecast

for Tuesday, 10. April 2012

published: 9.4.2012, 16:54

Wet snow avalanches and full-depth  
avalanches over the course of the day

- Danger level
- 1 LOW
  - 2 MODERATE
  - 3 CONSIDERABLE
  - 4 high
  - 5 very high



# Avalanche danger forecast

for Tuesday, 10. April 2012

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**Wet snow avalanches and full-depth  
avalanches over the course of the day**

