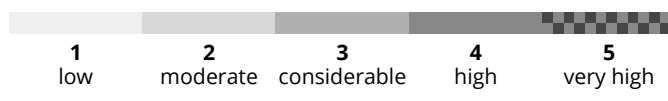


# Avalanche bulletin Salzburg

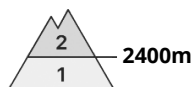
## Thursday 19 December 2024

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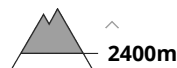
## Danger Level 2 - Moderate



**Tendency: Constant avalanche danger** →  
on Friday 20 December 2024



Persistent  
weak layer



Wet snow



### Persistent weak layer at high altitudes: caution!

#### Danger assessment

Avalanche danger above 2400m is moderate, below that altitude danger is low. Main danger: persistent weak layer Slabs can be triggered even by one single skier, particularly on W/N/E facing slopes, in transitions from shallow to deep snow. Avalanches can reach medium size During the course of the day, small wet-snow slides can trigger naturally due to higher temperatures and solar radiation, particularly on south-facing slopes below 2400m and in extremely steep terrain (>40°). In addition, small glide-snow avalanches are possible in all aspects at any time of day or night. Small slabs in the snowdrifts are triggerable only in few places: near ridgelines, on shady slopes from minimum additional loading.

#### Snowpack

In high alpine regions there are faceted layers inside the old snowpack which are often covered by hardened layers. In addition, there are still loose layers near the surface which are covered. At lower and intermediate altitudes the snowpack is moistened by higher temperatures, in places it is completely wet. Overnight a melt-freeze crust can form in these places which then softens up during the daytime. The snowpack currently evidences no marked weak layers. On grass-covered slopes and over rocky plates, the entire snowpack can start to glide.

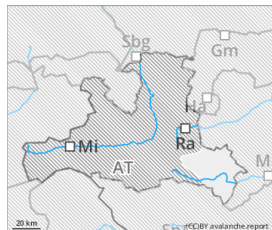
#### Weather

On Wednesday, intermediate-altitude cloudbanks and sunshine will shift back and forth, the peaks will mostly remain free of clouds. In the afternoon, more sunshine is expected. Winds will be moderate to brisk from westerly directions. At 2000m +5 degrees; at 3000m: -1 degree.

#### Tendency

On Thursday, little change is expected. On Friday, snowdrift problem will intensify due to fresh snowfall and winds.

## Danger Level 1 - Low



**Tendency: Increasing avalanche danger**  
on Friday 20 December 2024



No distinct  
avalanche  
problem



## Low avalanche danger. Not much snow.

### Danger assessment

Avalanche danger is low. Due to higher temperatures and solar radiation, small loose-snow slides can release naturally during the course of the day.

### Snowpack

Due to rising temperatures, the snowpack has receded and is moistened at surface level up to intermediate altitudes, or else utterly wet. Overnight a melt-freeze crust can form which will then soften up during the daytime. The snowpack evidences currently no marked weak layers. There is, all in all, little snow on the ground.

### Weather

On Wednesday, intermediate-altitude cloudbanks and sunshine will shift back and forth, the peaks will mostly remain free of clouds. In the afternoon, more sunshine is expected. Winds will be moderate to brisk from westerly directions. At 2000m +5 degrees.

### Tendency

Little change expected in avalanche danger levels

## Danger Level 1 - Low



**Tendency: Increasing avalanche danger**  
on Friday 20 December 2024



Wet snow



## Loose-snow slides during the daytime in extremely steep terrain

### Danger assessment

Avalanche danger is low. Due to higher temperatures and solar radiation, small loose-snow avalanches can trigger naturally in extremely steep terrain ( $>40^\circ$ ). Also small glide-snow avalanches are possible at any time of day or night in all aspects. In exposed high altitude terrain near ridgelines, isolated small slabs can be triggered even by minimum additional loading, the spots are easily recognized. Danger of being forced to take a fall outweighs the risks of being buried in snow masses

### Snowpack

Due to rising temperatures, the snowpack has receded and is moistened at surface level up to intermediate altitudes, or else utterly wet. Overnight a melt-freeze crust can form which will then soften up during the daytime. The snowpack evidences currently no marked weak layers. On grass-covered slopes or rocky plates the entire snowpack could begin to glide away. At high altitudes the near-surface loose-snow layers are often blanketed.

### Weather

On Wednesday, intermediate-altitude cloudbanks and sunshine will shift back and forth, the peaks will mostly remain free of clouds. In the afternoon, more sunshine is expected. Winds will be moderate to brisk from westerly directions. At 2000m +5 degrees.

### Tendency

On Thursday, little change is expected. On Friday, snowdrift problem will intensify due to fresh snowfall and winds.