



Forecast Area

©Seznam.cz 2023



Gudauri

Temperatures have gone down further, lowering the hazard in the alpine and high alpine. In the subalpine the hazard remains considerable due to temperatures around 0°C. Fresh snow and winds are on the way, creating fresh wind slabs in the alpine and high alpine that will be reactive to skier triggering.

Forecast issued at: **2-Mar-2023 19:00**

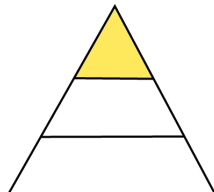
Forecast valid until: **3-Mar-2023 19:00**

This is a trial avalanche forecasting service run by non-professional volunteers from Gudauri, supported remotely by experienced avalanche forecasters. The information presented here may sometimes be incomplete or inaccurate - do not only rely on this forecast in your safety decisions.

Forecaster: Peter S

High Alpine

> 2600m

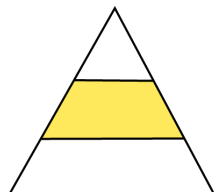


2 Moderate

Heightened avalanche conditions on specific terrain features. Evaluate snow and terrain carefully; identify features of concern.

Alpine

2000m - 2600m

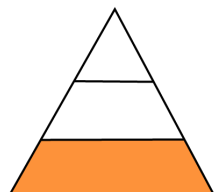


2 Considerable (Moderate)

Heightened avalanche conditions on specific terrain features. Evaluate snow and terrain carefully; identify features of concern.

Sub Alpine

< 2000m

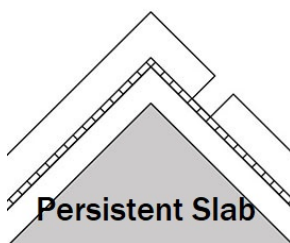
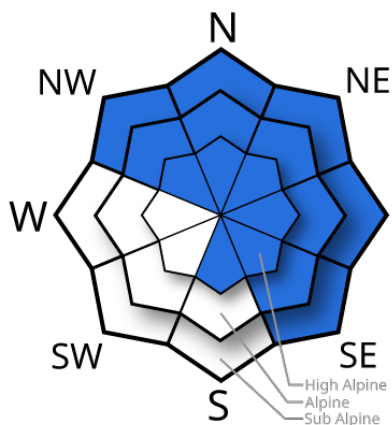


3 Considerable

Dangerous avalanche conditions. Careful snowpack evaluation, cautious route-finding and conservative decision-making essential.

Problem Number 1 - Persistent Slab

A slab formed over a persistent weak layer.

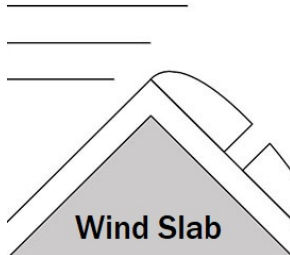
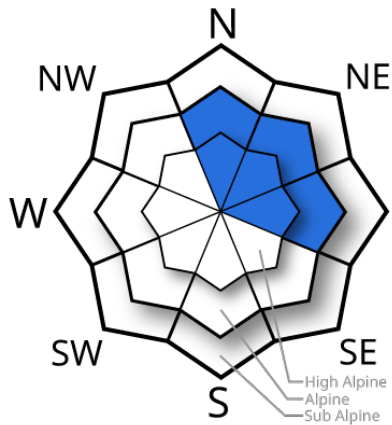


In some areas there the basal weak layer remains reactive to skiers. In some cases, whumph (collapse off weak layer) in low-angle terrain could travel through the snow and set off avalanches above you. This layer exists even at lower elevations, where avalanche can be large due to a wet snowpack (problem 3)

| Likelihood | Avalanche Size | Time of Day | Trend |
|------------|----------------|-------------|-----------|
| Possible | 2 | All day | No change |

Problem Number 2 - Wind Slab

A cohesive layer of snow (a slab) formed by the wind drifted snow.

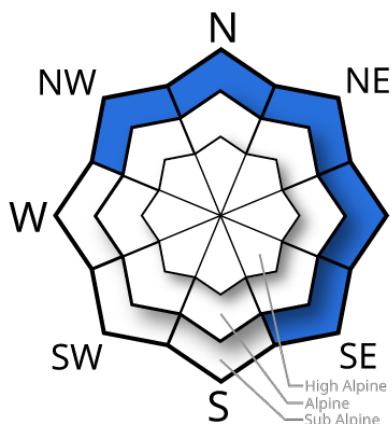


Moderate S-SW-W winds and up to 10 new snow create fresh wind slabs that can easily be triggered by a single skier, particularly below ridges crests at N-NE-E aspects. There is some uncertainty about the rate of snowfall - so be particularly cautious if the snowfall exceeds 10-15 cm.

| Likelihood | Avalanche Size | Time of Day | Trend |
|------------|----------------|-------------|---------------|
| Possible | 2 | Afternoon | Deteriorating |

Problem Number 3 - Wet Slab

A thick cohesive slab of snow losing its bond to a weaker layer after becoming damp, moist, or saturated with water.

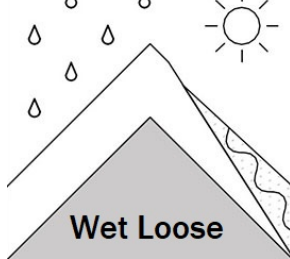
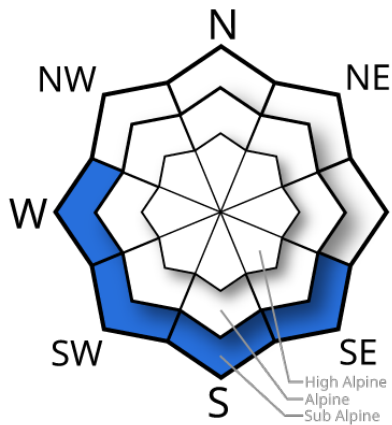


Due to warm temperatures, large wet slab avalanches may still be produced by a single skier in lower elevations.

| Likelihood | Avalanche Size | Time of Day | Trend |
|------------|----------------|-------------|-------|
| Possible | 3 | Afternoon | |

Problem Number 4 - Loose Wet

A type of loose snow avalanche composed of wet or moist snow.



Due to warm temperatures, small wet loose avalanches may still be produced by a single skier in lower elevations.

| Likelihood | Avalanche Size | Time of Day | Trend |
|------------|----------------|-------------|-------|
| Possible | 1 | Afternoon | |

Recent/Relevant Observations

27 Feb: Several size 1 loose & size 2 slabs on Deda Ena S-SE-E asp, 3000-3300 m: 1 March: Hard compression test (CTH) results: CTH6 3100 m south aspects, total snow height 175 cm.

Weather Forecast

Friday 3 March brings lower temperatures than the least days: up to -3°C in Gudauri (2200 m), but still around 0 in Arakhveti (1450 m). In the course of 3 March snowfall starts, lasting until Saturday afternoon. This snowfall is accompanied by moderate S-SW-W winds. In the lowest areas this precipitation may fall as wet snow or rain.