



Forecast Area

©Seznam.cz 2023

Gudauri



With more than 48 hours passed since the latest snowfall the snowpack now slowly stabilizes but all recent avalanche problems remain. Keep an eye on snowpack changes in the afternoon as midday heat might heighten the avalanche risk.

Forecast issued at: **8-Mar-2023 21:00**

Forecast valid until: **10-Mar-2023 21:00**

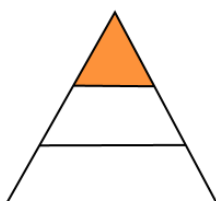
This is a trial avalanche forecasting service run by non-professional volunteers from Gudauri, supported remotely by experienced avalanche forecasters. The information presented here may sometimes be incomplete or inaccurate - do not only rely on this forecast in your safety decisions.

Forecaster: Petr Zherdev (Snowlab)

Supervisor: Peter S

High Alpine

> 2600m



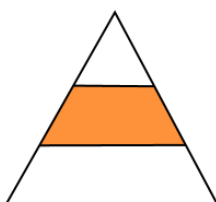
3

Considerable

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

Alpine

2000m - 2600m



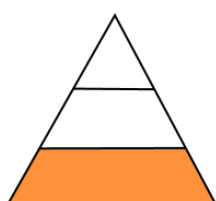
3

Considerable

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

Sub Alpine

< 2000m



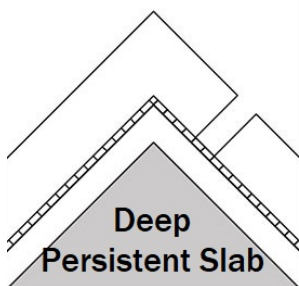
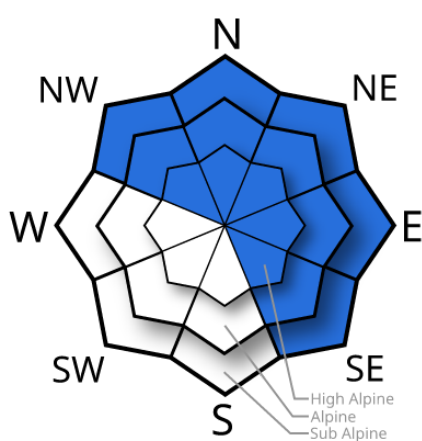
3

Considerable

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

Avalanche Problems

Deep Slab

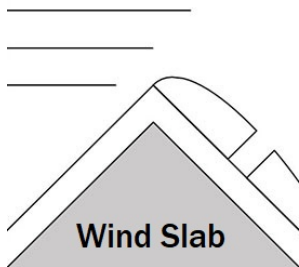
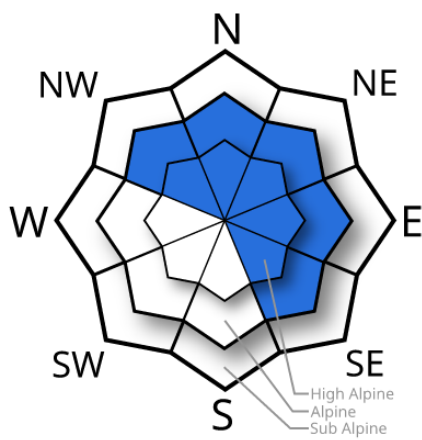


A weak layer, usually at or near the base of the snowpack, that resists bonding to an overlying slab over an extended time period.

In some areas the basal weak layer remains reactive to skiers but has also produced large (size 3) natural avalanches since the last storm. In lower areas (subalpine and possibly alpine), the snowpack will be turning wet throughout the day and avalanches may become wet slabs. The probability of these wet slabs increases mid-day as the temperatures rise.

Likelihood	Avalanche Size	Time of Day	Trend
Possible	3	All day	No change

Wind Slab

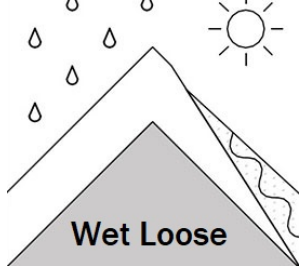
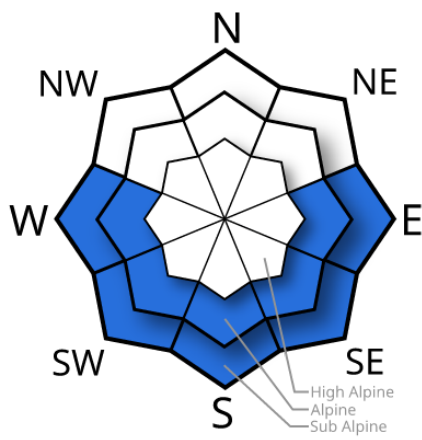


A cohesive layer of snow (a slab) formed by the wind drifted snow.

Recent big snowfall concluded with strong westerly winds what created a significant amount of wind slabs at alpine and high alpine elevations on lee aspects.

Likelihood	Avalanche Size	Time of Day	Trend
Possible	2	All day	Improving

Loose Wet



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

Warm weather in the upcoming days creates a possibility for wet loose avalanches at sub alpine and possibly alpine elevations, especially in the afternoons.

Likelihood	Avalanche Size	Time of Day	Trend
Possible	2	Afternoon	No change

Recent/Relevant Observations

Observed on 8 March: Size 3 (possibly 4), natural, Sioni Valley; several recent NE and E wind slab size 2 natural avalanches at 2300 to 2900 m; several wet loose avalanches on W aspects at 2000 to 2500 m. Observed on 6 March: Several natural avalanches sized 1 to 3 on N-NE-E-SE aspects in all elevation zones.

The large slides on Lomisi, Miketi and in Sioni show the high destructive potential of avalanches on NW-N-NE aspects due to large volumes of heavy fresh and wind-drifted snow and the potential to step down to the persistent basal weak layer.

Weather Forecast

Calm and sunny with some clouds, with light to moderate winds from variable directions on 9 and 10 March.

Temperature is increasing:

-5°C at night and up to +4°C in the afternoon at 2200 m.

-3°C at night up to +7°C in the afternoon at lower elevations (around 1500 m)