



Forecast Area

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Gudauri

As what seems to be the season's best day with all of its joy is over here in Gudauri, it is certainly not the time to let the guard down venturing away from the resort.

Forecast issued at: **7-Mar-2023 23:00**

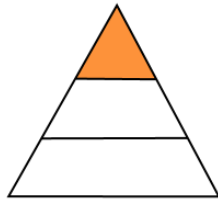
Forecast valid until: **8-Mar-2023 23:00**

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)

High Alpine

> 2600m



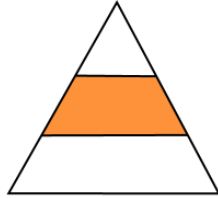
3

Considerable

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

Alpine

2000m - 2600m



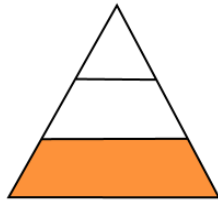
3

Considerable

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

Sub Alpine

< 2000m



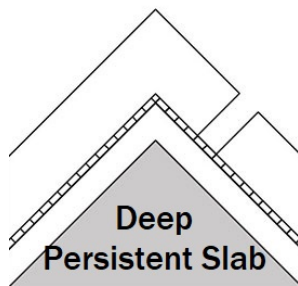
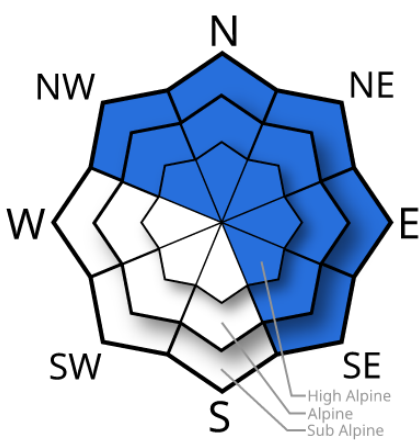
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Considerable

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Avalanche Problems

Deep Slab

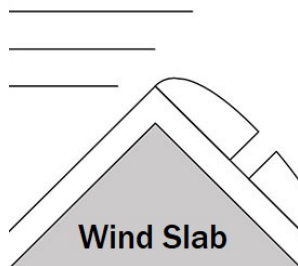
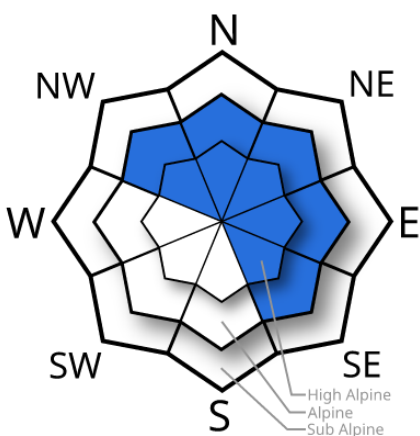


A weak layer, usually at or near the base of the snowpack, that resists bonding to an overlying slab over an extended time period.

In some areas the basal weak layer remains reactive to skiers. In lower areas (subalpine and possible alpine), the snowpack will be turning wet throughout the day and avalanches may be wet slabs. Probability of these increase mid day as the temps will rise.

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

Wind Slab

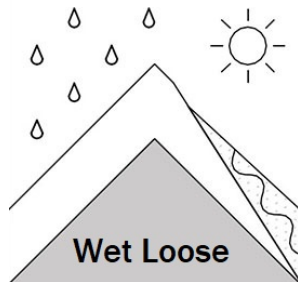
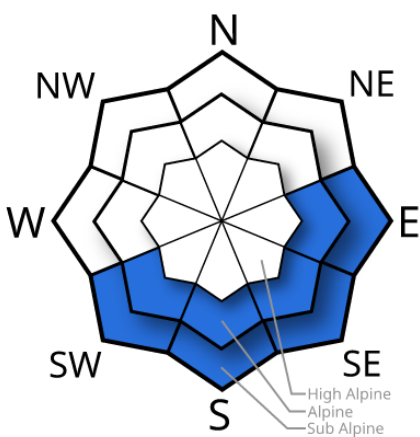


A cohesive layer of snow (a slab) formed by the wind drifted snow.

Recent big snowfall concluded with strong westerly winds so the snowpack still needs time to settle.

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

Loose Wet



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

Widespread solar and wind crusts combined with snow accumulated during the recent snowfall and high air temps create the conditions for loose wet avalanches that were observed right after the recent snowfall at lower elevations. If some deeper layers will get dragged in, such avalanches might become wet slab ones.

Likelihood	Avalanche Size	Time of Day	Trend
Possible	2	Afternoon	Deteriorating

Recent/Relevant Observations

A large number of natural avalanches sized 1 to 3 were observed on N-NE-E-SE aspects in high alpine, alpine as well as in the sub-alpine, including 1 rider-triggered avalanche in an area in the immediate vicinity of the resort.

Large slides that occurred in Lomisi and Miketi areas show that destructive potential of avalanches happening on N aspects remains very high because of large volume of heavy fresh and wind-drifted snow on N aspects accumulated after the recent snowfall and also because avalanches on these aspects may step down onto a persistent weak layer sitting right above the ground resulting in a full profile avalanche.

Midday rise of air temp coupled with solar radiation (on sunny aspects) significantly dampened the snowpack at elevations as high as 2500 m.

Weather Forecast

Partly cloudy with air temp up to -1C with light S wind on 8th of march with no precipitation.