



Forecast Area

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Gudauri

Moderate hazard level (2) at all elevations. Be aware of possible new wind slabs and avoid solar aspects in the subalpine in the afternoon.

Forecast issued at: **3-Mar-2023 19:00**

Forecast valid until: **4-Mar-2023 19:00**

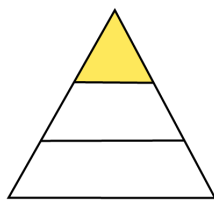
This is a trial avalanche forecasting service run by non-professional volunteers from Gudauri, supported remotely by experienced avalanche forecasters. The information presented here may sometimes be incomplete or inaccurate - do not only rely on this forecast in your safety decisions.

Forecaster: Eva Stribrna (Vagabond Adventures)

Supervisor: Peter S

High Alpine

> 2600m

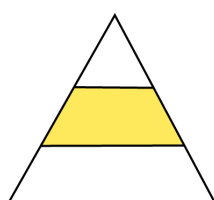


2 Moderate

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

Alpine

2000m - 2600m

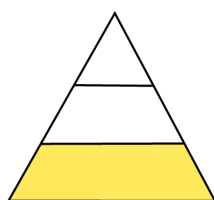


2 Considerable (Moderate)

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

Sub Alpine

< 2000m

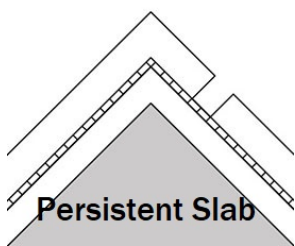
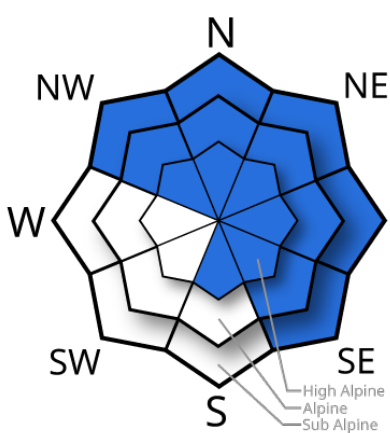


2 Moderate

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

Problem Number 1 - Persistent Slab

A slab formed over a persistent weak layer.

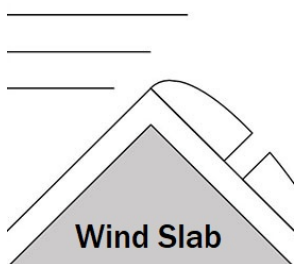
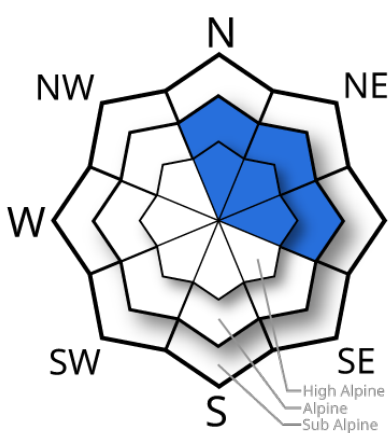


In some areas there the basal weak layer remains reactive to skiers. In some cases, whumph (collapse off weak layer) in low-angle terrain could travel through the snow and set off avalanches above you. This layer exists even at lower elevations, where avalanche can be large due to a wet snowpack (problem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

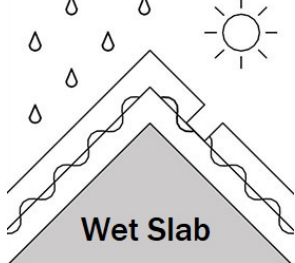
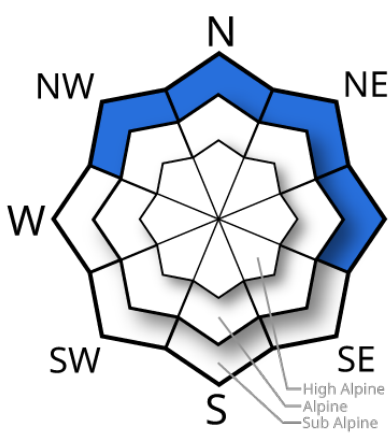


Moderate S-SW-W winds and up to 10 - 20 cm new snow create fresh wind slabs that can easily be triggered by a single skier, particularly below ridges crests at N-NE-E aspects.

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

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.

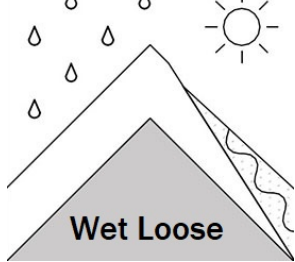
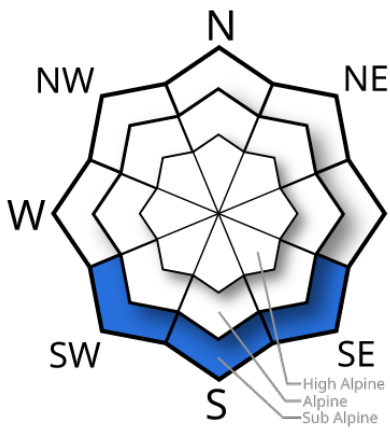


Due to warm temperatures, wet loose avalanches may still be produced by a single skier in lower elevations.

Likelihood	Avalanche Size	Time of Day	Trend
Possible	2	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

1st of March: Hard compression test (CTH) results: CTH6 3100 m south aspects, total snow height 175 cm. / CTH2 2800 m NW aspect, total snow height 100 cm.

Weather Forecast

Saturday 4th will be mixed clouds and sun with occasional snow showers. Temperatures are forecasted -1°C during the day at 2000 m, and up to +4°C at 1450 m. More snow is expected on Sunday.