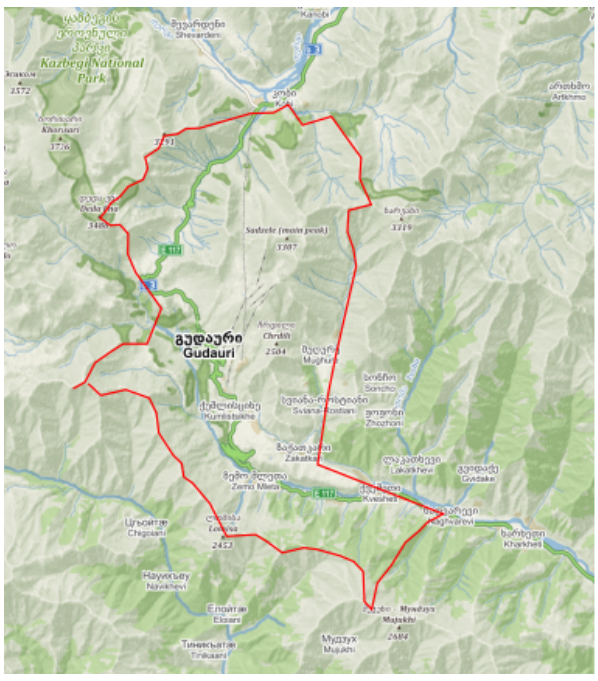


Forecast Area

Gudauri

Its remains warm! Be aware of natural wet loose snow avalanches on all aspects below 2600 meters and solar aspects above 2600 m. We are concerned about the potential for these wet loose avalanches to produce large avalanches failing on the weak basal layer.

Forecast issued at: **27-Feb-2023 22:00**

Forecast valid until: **1-Mar-2023 22:00**

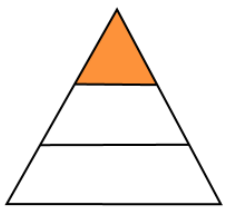
This is a trial avalanche forecasting service run by non-professional volunteers from Gudauri, supported remotely by experienced avalanche forecasters. The information presented here may sometimes be incomplete or inaccurate - do not only rely on this forecast in your safety decisions.

Forecaster: Mark Lyubavin (Snowlab)

Supervisor: Peter S

High Alpine

> 2600m

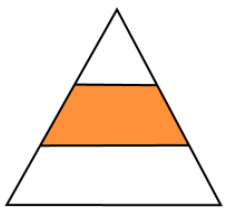


3 Considerable

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

Alpine

2000m - 2600m

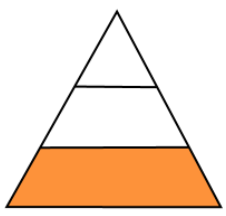


3 Considerable

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

Sub Alpine

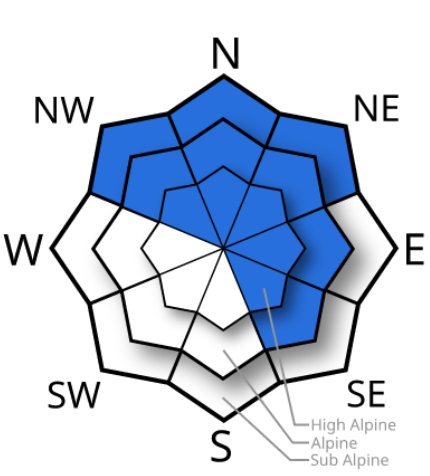
< 2000m

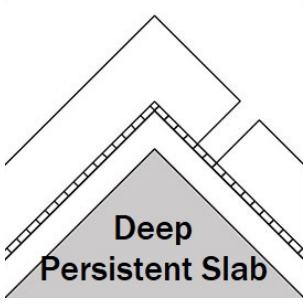


3 Considerable

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

Problem Number 1 - Deep Slab



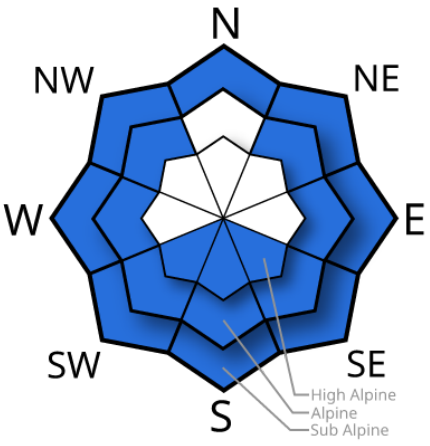


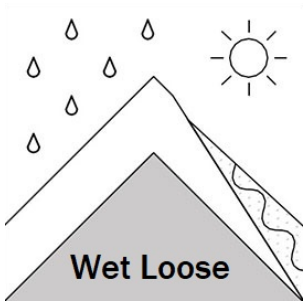
A weak layer, usually at or near the base of the snowpack, that resists bonding to an overlying slab over an extended time period.

In areas where snow existed in January, there is a layer of very weak snow at the base of the snowpack.
If it fails, the entire snowpack will slide and the resulting avalanche could be large. Even a whumph (collapse) on a flat area could travel through the snow and set off avalanches above you. This layer exists even at lower elevations.

Likelihood	Avalanche Size	Time of Day	Trend
Possible	*3*	*All day*	*Improving*

Problem Number 2 - Loose Wet





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

Warming temperatures and clear skies may produce wet loose avalanches, particularly in the afternoon. Given the layering in the snowpack, these wet loose avalanches may produce large avalanches failing on the weak basal layer .

Likelihood	Avalanche Size	Time of Day	Trend
Possible	*2*	*Afternoon*	*Deteriorating*

Weather Forecast

Temperatures are expected to rise to +4°C in Gudauri (2200 m) on 28 February, and to decrease to +1°C on 1 March.

Recent/Relevant Observations

Two avalanches were reported on 26 Feb: 1) Narvani, ca. 2950 m, N-NE asp., size 2 slab, remotely skier-triggered; 2. Bidara, ca. 2950 m, SE asp., size 2 slab