



Regional Avalanche Danger Levels in alpine areas from 16.03.2017 07:30 All-Day		WHAT? problem	WHERE? danger spots
		 old snow	 2200m untracked terrain
		 gliding snow	 2300m isolated
		General Level Tirol 	Tendency tomorrow constant

DANGER PATTERNS (DP): [dp.1 - deep persistent weak layer](#) [dp.2 - gliding snow](#)

Mostly moderate danger. Caution on very steep shady slopes above 2200m.

AVALANCHE DANGER

Favourable conditions reign in Tirol. Above 2200m the danger is moderate, below 2200m danger is low. Possible avalanche prone locations are found primarily on very steep, untracked or seldom skied shady slopes above 2200m. Where snow is shallow, slab avalanches can trigger down to ground-level layers of the snowpack, primarily by large additional loading and grow to large size. Elsewhere, in extremely steep, sunny terrain up to intermediate altitudes the snowpack is becoming thoroughly wet and requires caution. During the afternoon skiers can trigger small snowslides. In addition, in high alpine regions above 3000m, small snowdrift patches have just been formed: they require caution in shady ridgeline terrain.

SNOW LAYERING

Potential weak points for slab avalanches are found mostly in ground-level layers. Snow analysis shows that triggerings now generally require large additional loading. Fracture propagation has improved greatly, which generally hinders larger sized avalanches. In high alpine regions the snowdrifts often blanket new fallen powder snow, these can be triggered in isolated cases primarily on shady slopes. As to snow quality, solar radiation is having ever greater effect. Hard crusts capable of bearing loads below 2300m on extremely steep, south-facing slopes, melt-freeze crusts on west and east-facing slopes, powder on shady slopes - these snow types often alternate in rapid succession. If timing is right, fine firm snow can be enjoyed.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

High-front weather conditions reign, winds will be light, sunshine omnipresent, visibility outstanding, air dry. Springlike temperatures, the zero-degree level at 2500m. At 2000m: 4 degrees; at 3000m: -4 degrees. Light NW winds.

SHORT TERM DEVELOPMENT

No significant change. Thoroughly wet snowpack becoming more dominant.

Patrick Nairz

Translated by Jeffrey McCabe