



Regional Avalanche Danger Levels in alpine areas from 28.01.2016 07:30 All-Day		WHAT? problem	WHERE? danger spots
	<p>persistent weak layer</p>	<p>mostly shady slopes</p>	
	<p>wet snow</p>	<p>thoroughly wet snowpack</p>	
	<p>General Level Tirol</p>	<p>Tendency tomorrow</p> <p>constant</p>	

DANGER PATTERNS (DP): [dp.1 - deep persistent weak layer](#) [dp.7 - snow-poor zones in snow-rich surrounding](#)

Treacherous inneralpine scenario, considerable danger

AVALANCHE DANGER

The avalanche situation in Tirol's backcountry touring regions remains delicate over widespread areas, the danger level is "considerable". The major peril stems from the poorly layered snowpack whose ground-levels layers where they are insufficiently blanketed by subsequent snowfall can easily trigger by minimum additional loading, i.e. the weight of one single skier. The scenario in the inneralpine touring regions is worse, in some places the danger level has risen to "high" (4). Avalanche prone locations are found on steep slopes above approximately 2000m in W/N/E aspects in particular. Caution urged towards transitions from deep to shallow snow. Below about 2400m, isolated spontaneous moist-snow and gliding avalanches are possible.

SNOW LAYERING

The snow cover has become thoroughly wet to an increasing degree: on sunny slopes up to about 3000m, on shady slopes up to about 2200m. Due to highly variable snow depths the wetness sometimes even reaches down to the ground. Above about 2000m the fundament of the snowpack consists of successive hardened crusts interspersed with layers of very loose, faceted snow crystals. The layers lying on top of that conglomeration are usually not very thick; thus the lowermost layers can be easily triggered. The layering in the inneralpine regions is least favourable. The situation in the western and northern regions where snowfall has been heavier is more favourable.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Weather: the high is weakening, a weak cold front is approaching from the north bringing a small amount of precipitation tonight. On Friday this front will move on. On Saturday the air will become drier and milder. On Sunday, the next front system will follow. Mountain weather today: pleasant conditions this morning, the light will become more diffuse this afternoon, cloud cover will descend and veil the Northern Alps in fog, later on the Main Alpine Ridge as well. It will remain dry until after sunset. Strong winds in ridgeline zones. Temperature at 2000m: +3 degrees; at 3000m: -3 degrees. In exposed terrain of the Northern Alps, strong W/SW winds, elsewhere blowing at light to moderate strength.

SHORT TERM DEVELOPMENT

Considerable danger locally above 2000m

Rudi Mair

Translated by Jeffrey McCabe