

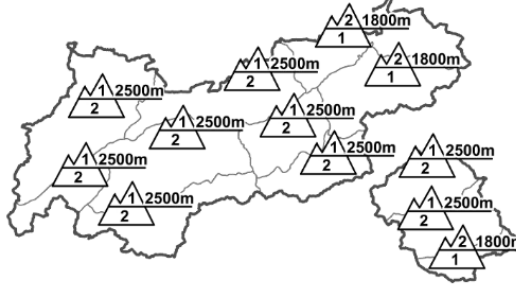



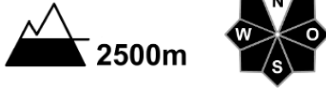





Regional Avalanche Danger Levels in alpine areas from 21.04.2015 07:30 MORNING		Regional Avalanche Danger Levels in alpine areas from 21.04.2015 07:30 AFTERNOON		Tendency tomorrow  constant
				
WHAT? - problem  gliding snow	WHERE? - danger spots  2400m grassy slopes	WHAT? - problem  wet snow	WHERE? - danger spots  2500m daytime curve	General Level Tirol 

DANGER PATTERNS (DP): [dp.2 - gliding snow](#) [dp.10 - springtime szenario](#)

Favourable backcountry conditions, slight curve of rising danger

AVALANCHE DANGER

In the morning danger levels are low, then rise to moderate during the day as the snowpack becomes ever wetter below about 2500 m. Few avalanche prone locations threaten, most caution is necessary where the snowpack becomes thoroughly wet during the day, i.e. in very steep, sunny terrain, usually below about 2500 m. The likelihood of avalanches triggering is relatively small, most possible in extremely steep W/E facing terrain around 2400 m. On shady slopes avalanches are unlikely, if at all then in very steep terrain at around 2200 m. In addition, isolated releases in extremely steep high altitude terrain are possible where the snow is shallow. Isolated gliding avalanches on steep, grassy slopes are possible.

SNOW LAYERING

Very dry air masses and mild temperatures with some wind influence led to adequate nocturnal outgoing radiation, the snowpack cooled well. For that reason there is a melt-freeze crust capable of bearing loads this morning. The crust will again soften, melt and deteriorate during the course of the day, the snowpack subsequently lose its firmness. Thoroughly wet, formerly faceted crystals inside the old snowpack then become bed surfaces for potential slab avalanches. Most prone to triggering is shady terrain below about 2400m where the old snowpack layers were thoroughly wet before last night. On shady slopes where the snow is shallow, nests of depth hoar still lurk inside the snowpack, thoroughly wet up to about 2300 m. In isolated cases, fractures could propagate to more stable layers.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Weather: a powerful high reigns over western and central Europe, Tirol is inside its bounds. The high is slowly weakening, a small high/low will touch the Eastern Alps on Thursday. Mountain weather today: splendid mountain weather north and south of the Main Alpine Ridge, lots of sunshine, few clouds (above summit level, somewhat more in the eastern sector of the Main Alpine Ridge and in the Tauern this morning). Above-freezing temperatures extend to 2700 m; at 2000m, +5 degrees; at 3000m, -4 degrees. Moderate to brisk NE winds.

SHORT TERM DEVELOPMENT

Favourable backcountry touring conditions endure. As melt-freeze crusts soften, firm snow is made.

Patrick Nairz

Translated by Jeffrey McCabe