

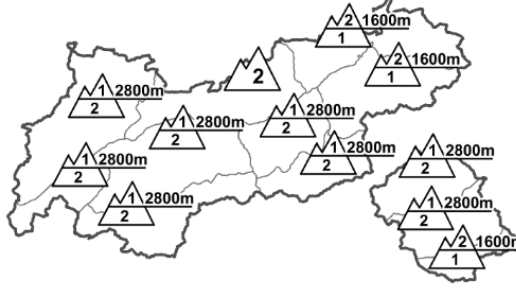



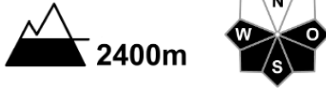





Regional Avalanche Danger Levels in alpine areas from 20.04.2015 07:30 MORNING		Regional Avalanche Danger Levels in alpine areas from 20.04.2015 07:30 AFTERNOON		Tendency tomorrow  constant
				
WHAT? - problem  wet snow	WHERE? - danger spots  2800m	WHAT? - problem  gliding snow	WHERE? - danger spots  2400m	General Level Tyrol 

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

Favourable backcountry conditions in early morning, daytime curve of rising danger

AVALANCHE DANGER

During the morning hours favourable backcountry touring conditions prevail. As of about midday the danger levels below about 2800m increase to moderate, due to intensifying solar radiation and increased daytime warming which soften, melt and deteriorate the snowpack. Particularly in extremely steep terrain, as the snowpack becomes ever wetter, wet-snow avalanches can be expected above about 2000m. The weight of these released masses can, in turn, trigger slab avalanches, especially in very steep, sunny terrain below about 2500 m. If tours are planned well, these hazards can easily be circumvented. On shady slopes, isolated avalanches are possible on very steep slopes below about 2600m where the snow is shallow, primarily by large additional loading. On steep, grass-covered slopes, isolated gliding avalanches are possible.

SNOW LAYERING

Very dry air masses packed inside a chilly NE air current cooled the snowpack during the night, giving rise in many places (excluding densely forested zones) to a melt-freeze crust capable of bearing loads. This crust softens during the day, at very least on sunny slopes at low and intermediate altitudes; and on very steep slopes at higher altitudes. The snowpack subsequently loses 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. The NE winds is slowing down the softening/melting process.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Weather: A high over the British Isles is bringing dry air masses to the Alps which, thanks to a northerly air current, is not very warm. This scenario will persist until Wednesday. Mountain weather today: outstanding mountain weather both north and south of the Main Alpine Ridge, lots of sunshine, little cloud (above summit level). Zero-degree level at about 2300m, the cold NW winds somewhat irritating. Temperature at 2000m, 3 degrees; at 3000m, -5 degrees. Moderate to brisk NE winds.

SHORT TERM DEVELOPMENT

Favourable conditions will continue, daytime danger cycle.

Patrick Nairz

Translated by Jeffrey McCabe