










Regional Avalanche Danger Levels in alpine areas from 22.02.2016 07:30 All-Day	WHAT? problem	WHERE? danger spots
	 drifting snow	 2200m increasing with altitude
	 wet snow	 2200m thoroughly wet
	General Level Tirol 	Tendency tomorrow  constant

DANGER PATTERNS (DP): [dp.6 - loose snow and wind](#) [dp.1 - deep persistent weak layer](#) [dp.10 - springtime szenario](#)

Considerable avalanche danger widespread above 2200m

AVALANCHE DANGER

The avalanche scenario in Tirol's backcountry touring regions remains treacherous, the hazard level lies at the upper borderline of "considerable". Above 2200m it is primarily the trigger-sensitive snowdrift accumulations which threaten. A slab avalanche can be unleashed even by minimum additional loading. Numerous releases, settling noises ("whumpf"), shooting cracks and remote triggerings yesterday were proof positive of how prone to triggering the snowpack truly is. Avalanche prone locations are found in ridgeline terrain and steep slopes in all aspects, as well as in gullies and bowls. Below 2200m the swift loss of snowpack firmness also requires high caution: spontaneous gliding and wet-snow avalanches are now possible there.

SNOW LAYERING

As a result of strong to stormy W/NW winds, fresh, trigger-sensitive snowdrift accumulations have formed. On the one hand, the weak fundament inside the snowpack is burdened by the weight. On the other, fresh drifts have been deposited atop the frequently loose new fallen snow, which creates high proneness to triggering in itself. Up to about 2200m the snowpack has become thoroughly wet due to rainfall. Strong solar radiation and very mild temperatures today will make the snowpack forfeit even more of its firmness.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Weather: Tirol lies wedged between a powerful low over northern Europe and a high air pressure zone in the south, in a W/SW air current. This is pushing very mild air masses our way. On Tuesday, cooler air masses from northern Europe will reach the Alps. Mountain weather today: sunshine in the mountains (light high altitude clouds), but this afternoon cloud cover will become denser more than anywhere else on the Main Alpine Ridge and in East Tirol. However, good conditions dominate, free of fog well into the afternoon. Unusually mild, the zero-degree level at about 3000m. Temperature at 2000m, +7 degrees; at 3000m, -1 degree. Strong, in some places still storm-force, westerly winds.

SHORT TERM DEVELOPMENT

Considerable danger of slab avalanches widespread. Danger of wet-snow avalanches diminishing.

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Translated by Jeffrey McCabe