



DANGER PATTERNS (DP): [dp.1](#) - deep persistent weak layer [dp.6](#) - loose snow and wind [dp.2](#) - gliding snow

Considerable avalanche danger widespread above 2000m

AVALANCHE DANGER

Avalanche danger in the backcountry touring regions of North Tirol and along the East Tirolean Tauern Ridge is considerable widespread above 2000m. The major peril stems from the extremely trigger-sensitive old snowpack above 2000m in all aspects from W/NW to N to E/NE. Weak snow layers near the ground can trigger even by minimum additional loading, i.e. the weight of one sole skier. Some remote triggerings are possible in flat terrain. In addition, above 2000m the fresh, rather small-sized snowdrift accumulations require caution. Frequency and size of these avalanche prone locations tend to increase with ascending altitude.

SNOW LAYERING

Inside the snowpack, three problems lurk: old snow, drifted snow, gliding snow. The first occurs in deeply embedded layers of the snowpack on shady slopes above 2000m. Stability tests show a high proneness to triggering of the snowpack. The snowdrift problem is found in all aspects above 2000m: drifted masses have been deposited by winds atop very loosely-packed powder. The gliding snow problem is found mostly in the regions where snowfall has been heavy below about 2400m.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Weather: Tirol lies in the path of a northerly air current which is being struck from the west by high pressure influence. The air is becoming drier and milder. The airstream will shift to westerly on Tuesday, but the high pressure front will persist. Mountain weather today: in the western ranges, sunshine will dominate accompanied by a few harmless clouds. East of an imaginary Karwendel-Brenner line, dense cloud at first, later on showers, this afternoon sunny here as well. It will be unusually warm, the zero-degree level at 2800m. Temperature at 2000m, +4 degrees; at 3000m, -2 degrees. Moderate northerly winds, brisker in the eastern regions.

SHORT TERM DEVELOPMENT

Above 2000m, danger is considerable widespread.

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