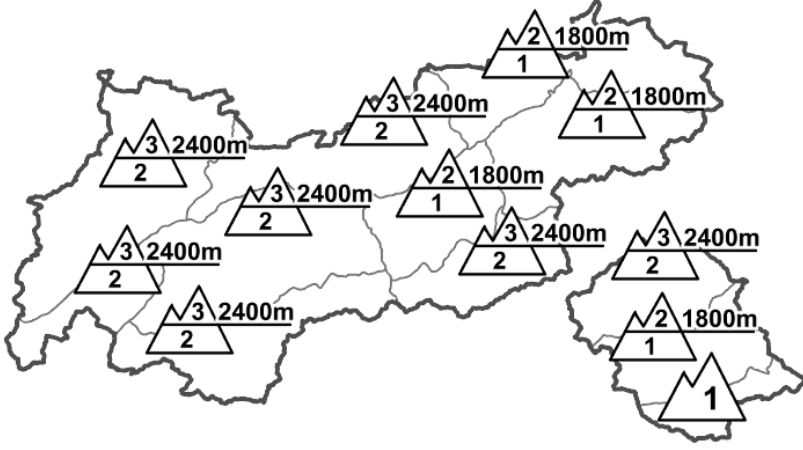

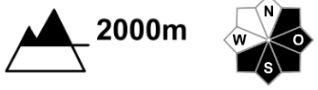






Regional Avalanche Danger Levels in alpine areas from 27.04.2016 07:30 All-Day	
	
WHAT? problem  drifting snow	WHERE? danger spots  2000m increasing with altitude
General Level Tirol 	Tendency tomorrow  constant

DANGER PATTERNS (DP): [dp.6 - loose snow and wind](#)

Major peril: snowdrifts at high altitude

AVALANCHE DANGER

Wintery conditions in Tirol's mountains, considerable avalanche danger from region to region above 2400m; below that altitude danger is moderate; below the treeline danger is low. The main hazard remains the freshly drifted snow. Avalanche prone locations are found primarily in very steep ridgeline, leeward terrain and in very steep gullies and bowls. The rule of thumb: trigger-sensitivity increases with ascending altitude, since the drifts become ever more brittle. Frequency and depth of the drifted masses also tend to increase with ascending altitude. With backcountry experience, these danger zones are easy to spot and circumvent. Clouds are expected to disperse somewhat over the course of the day, some sunshine is anticipated; that means more frequent spontaneous loose-snow avalanches in rocky terrain.

SNOW LAYERING

Since yesterday afternoon there has been another 10-25 cm of fresh fallen snow registered in the mountains of Tirol, amidst wintery temperatures and intermittently strong W/NW winds, thus whipping up and transporting the new fallen snow and forming new snowdrift accumulations. Potential bed surfaces for fracturing avalanches are currently found in the loose, cold powder, especially behind terrain protruberances on leeward slopes. These drifts are particularly prone to triggering, especially at high altitudes, as yesterday's artificial triggerings demonstrated. The old snowpack base, on the other hand, is generally stable.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Mountain weather today: 10-20 cm of new fallen snow registered, the showers will taper off, this afternoon we anticipate dry weather (precipitation most persistent in the showers of the Kitzbühel Alps, Tauern and East Tirol). Visibility is expected to gradually improve, fogbanks and clouds slowly disperse. But it will remain wintery cold: at 2000m, -6 degrees, at 3000m -15 degrees. Moderate to brisk westerly winds, blowing at strong velocity this morning.

SHORT TERM DEVELOPMENT

Solar radiation will bring about increasingly frequent loose-snow avalanches.

Patrick Nairz

Translated by Jeffrey McCabe