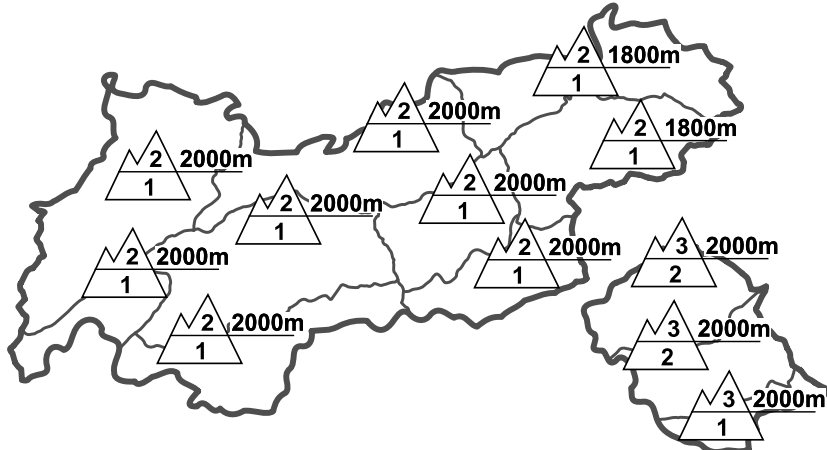

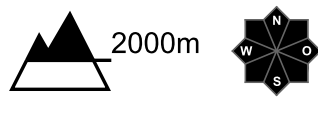
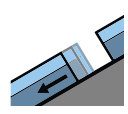







Regional Avalanche Danger Levels in alpine areas from 04.02.2018 07:30 All-Day		WHAT? problem	WHERE? danger spots
		 drifting snow	 increasing with altitude
		 gliding snow	 especially sunny slopes
		General Level Tirol 	Tendency tomorrow  constant

DANGER PATTERNS (DP): [dp.6 - loose snow and wind](#) [dp.2 - gliding snow](#)

Beware fresh, trigger-sensitive drifts. Great powder widespread.

AVALANCHE DANGER

In East Tirol above 2000 m, considerable danger prevails; below that altitude danger is mostly moderate. In the other regions of Tirol danger above 2000 m is moderate; below that altitude, low. Avalanche danger is currently the result of winds, blowing in East Tirol at high enough velocities to transport the fresh snow and form fresh snowdrift accumulations. The weight of one skier is enough to trigger these snow masses. In most regions, however, winds were light. Where that is the case, favourable conditions reign, with good powder snow. The rule of thumb today: recognize the drifts in steep terrain and circumvent them. On steep, grass-covered slopes, the risks of gliding avalanches require caution. Where snowfall has been heavy, large cornices drape far out from the ridgelines.

SNOW LAYERING

In most parts of Tirol the old snowpack is stable, there is often loosely-packed powder. Where there has been wind impact, the fresh snow was transported, deposited on leeward slopes atop loose powder. This powder is now a weak layer, a potential bed surface which is prone to triggering slab avalanches. The low temperatures are a restraint to such triggerings; the weak layer is loosely-packed, the drifts on top of it are brittle.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

A precipitation-free day, wintery cold, hardly any wind. Sunshine on the Main Ridge and in the East Tirolean mountains. Low lying cloud will veil the mountains from the Arlberg over the Karwendel, excluding a few windows of sunshine. Over the valleys, the clouds will disperse somewhat more. At 2000 m: -10 degrees; at 3000 m, -17 degrees. Light W/SW winds at high altitude.

SHORT TERM DEVELOPMENT

Fresh snowdrifts still prone to triggering

Patrick Nairz

Translated by Jeffrey McCabe