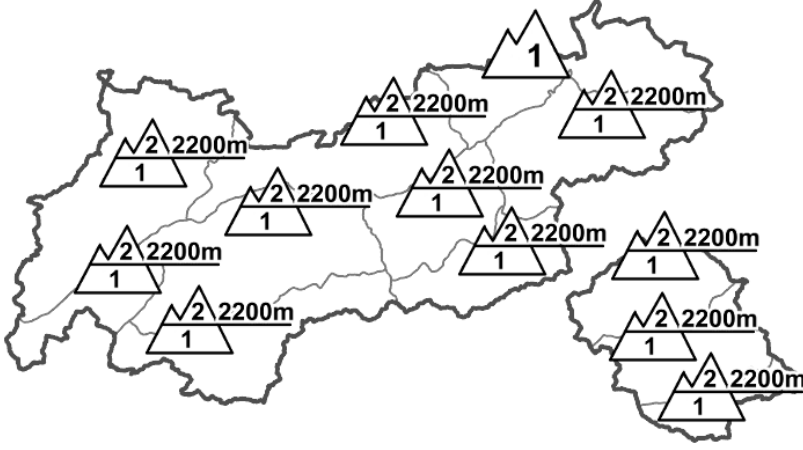



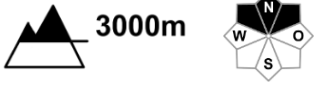






Regional Avalanche Danger Levels in alpine areas from 14.03.2017 07:30 All-Day	WHAT? problem	WHERE? danger spots
	 old snow	 2200m shallow-snow zones
	 drifting snow	 3000m esp. high altitude
	General Level Tirol 	Tendency tomorrow  constant

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

Danger mostly moderate. Heightened caution urged on very steep, shady slopes.

AVALANCHE DANGER

Avalanche danger in Tirol is dependent on altitude. Above 2200m the danger is moderate, below 2200m danger is low. Problem zones are found on very steep, shady slopes above 2200m, where a slab avalanche can be triggered primarily by large additional loading. This applies particularly to places where the snow is shallow and to transitions from shallow to deep snow. Caution: avalanches which release can grow to dangerously large size. At high altitudes, furthermore, freshly formed snowdrift accumulations, particularly on steep ridgeline slopes, require special heed. They can be easily recognized by experienced backcountry skiers...and circumvented. Isolated, relative small-sized gliding avalanches on steep, grass-covered slopes cannot be ruled out, especially in western regions where snowfall has been heaviest.

SNOW LAYERING

Snowpack analysis has shown that the main problem is to be found in ground-level layers of the snowpack. In general, these can be triggered only by large additional loading. On sunny slopes, the snowpack has continued to consolidate, on shady slopes the process is taking longer. For that reason, shady slopes need to be assessed more critically on-site. Nevertheless, the old-snow problem remains a threat in all aspects. Winds will transport snow at high altitude. Freshly formed snowdrifts deposited atop loosely-packed new fallen snow can be triggered. The high altitude clouds will not affect the daytime warming cycle and moistening of the snowpack surface on sunny slopes today.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

High altitude clouds will pass through but not impede visibility. Sunshine will not be quite as flawless, diffuse light conditions impair slightly. Very windy in exposed terrain. At 2000m: 0 degrees; at 3000m: -5 degrees. Moderate northerly winds, blowing at brisk to strong velocity in high alpine regions.

SHORT TERM DEVELOPMENT

No significant change. Daytime warming cycle will play an increasingly major role.

Patrick Nairz

Translated by Jeffrey McCabe