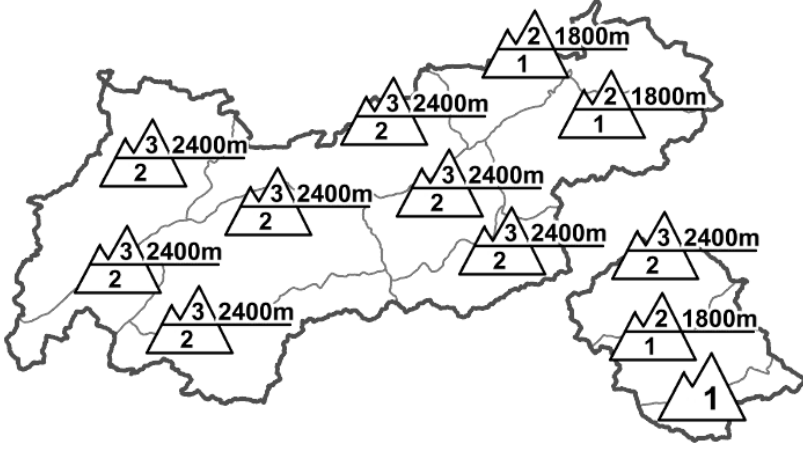









Regional Avalanche Danger Levels in alpine areas from 25.04.2016 07:30 All-Day	WHAT? problem	WHERE? danger spots
	 drifting snow	 2000m  increasing with altitude
	General Level Tirol 	Tendency tomorrow  constant

DANGER PATTERNS (DP): [dp.6 - loose snow and wind](#) [dp.4 - cold following warm / warm following cold](#)

Fresh snowdrifts easily triggered

AVALANCHE DANGER

In high alpine regions wintery conditions prevail. Above 2400m the danger in western regions and along the Main Alpine Ridge is considerable; below that altitude, moderate; below the treeline, often low. In other regions the danger is generally moderate, sometimes low. Conditions are least favourable in the Stubai Alps where there has been 50-80 cm of snowfall at high altitude over the last few days. The major peril is the snowdrift, quite brittle because of the low temperatures, thus easily triggered. The proneness to triggering increases with ascending altitude. With the right solar radiation this afternoon (diffuse light) isolated spontaneous slab avalanches could trigger in very steep E/S-facing terrain. Also, in sunny, rocky terrain, loose-snow avalanches could also release.

SNOW LAYERING

Over the last 24 hours there has been 10-20 cm of new fallen snow registered above 2000m in North Tirol; in East Tirol, only a few centimeters. Strong W/NW winds at high altitudes created impressive snow plumes, transporting the fresh fallen snow massively. The loose powder snow near the surface of the snowpack is the likeliest weak bed surface for slab avalanches to fracture at. Another potential bed surface is found in the faceted snow crystals which lie on top of the previously moist snowpack surface, now only thinly blanketed by the fresh fallen snow. Danger pattern: cold after warm. The snowdrifts deposited on top of the new fallen snow at high altitudes will for a short time be very easy to trigger.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Mountain weather today: arctic air masses on the northern flank of the Alps are bringing winter back. This morning, snow showers possible widespread, most on the northern rim of the Alps. In inneralpine regions, dry phases will predominate. On the southern flank of the Alps, northerly foehn wind will bring about dry, sunny weather. Temperature at 2000m, -8 degrees; at 3000m, -16 degrees. Brisk to strong, gusty W/NW winds at high altitudes.

SHORT TERM DEVELOPMENT

Initially, no significant change in the avalanche scenario is expected.

Patrick Nairz

Translated by Jeffrey McCabe