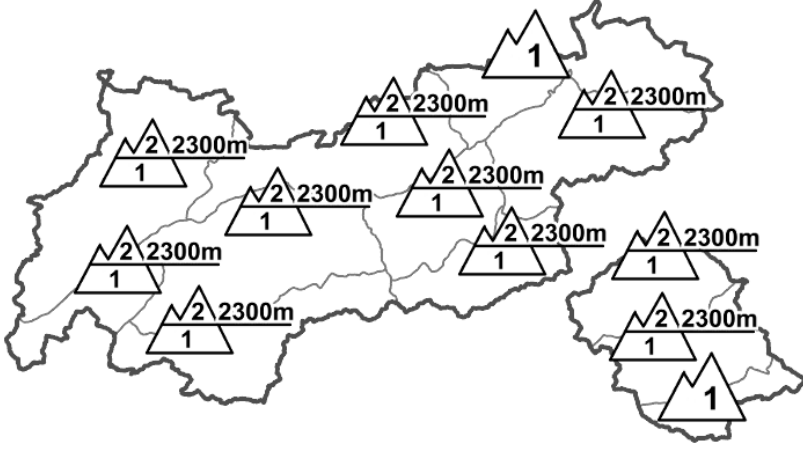












Regional Avalanche Danger Levels in alpine areas from 30.01.2017 07:30 All-Day		WHAT? problem	WHERE? danger spots
		 old snow	 2300m shady slopes 
		 drifting snow	 2400m daytime increase 
		General Level Tirol 	Tendency tomorrow  increasing

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

Mostly moderate danger, avalanche prone locations primarily on shady slopes

AVALANCHE DANGER

Avalanche danger remains dependent on altitude. Above 2300m the danger is mostly moderate, below 2300m danger is low. This evening rainfall or snowfall will set in, subsequently the danger at low altitudes will increase. Highest caution is urged towards the old-snow problem, especially in inneralpine regions. The frequency of danger zones has diminished, the threat still exists on very steep slopes above 2300m, increasingly on shady slopes, but also on west and east facing slopes where the snow is shallow, slab avalanches can be triggered even by minimum additional loading. At high altitudes, caution urged towards fresh snowdrifts on shady ridgeline slopes. The snowdrift problem will become more acute this evening, particularly in western regions, as a result of the precipitation.

SNOW LAYERING

On shady slopes in wind-protected terrain the snowpack surface is loosely-packed and faceted. On very steep sunny slopes at intermediate altitude, the alternating daily periods of warmth during the day and intense outgoing radiation during the night has formed crusts capable of bearing loads. In general, tensions inside the snowpack have decreased. BUT at ground level above 2300m there are trigger-sensitive weak layers. In addition, as a result of the new snow which is forecast, fresh snowdrift masses will accumulate; they will be highly prone to triggering on shady slopes.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

On Monday, dense clouds will move in from the west over the Ötztal and Lechtal Alps slightly above summit level, slowly turning the light somewhat diffuse. More sunshine awaits skiers between Zillertal and Kitzbühel Alps until midday. This afternoon the cloud cover will spread over all the mountain ranges of Tirol, it become overcast everywhere, the cloud cover dropping in altitude. In the western sector of the Main Alpine Ridge and Northern Alps, slight snowfall could begin. Temperature at 2000m: 0 degrees; at 3000m, -7 degrees. Moderate to strong westerly winds.

SHORT TERM DEVELOPMENT

Rain and snow and wind: increasing avalanche danger

Patrick Nairz

Translated by Jeffrey McCabe