



Regional Avalanche Danger Levels in alpine areas from 28.03.2016 07:30 All-Day		WHAT? problem	WHERE? danger spots
	 drifting snow	 2000m esp. ridgelines	
	 wet snow	 2500m daytime rise	
General Level Tirol 		Tendency tomorrow  constant	

DANGER PATTERNS (DP): [dp.6 - loose snow and wind](#) [dp.10 - springtime szenario](#) [dp.2 - gliding snow](#)

Beware fresh snowdrifts and loss of snowpack firmness!

AVALANCHE DANGER

Moderate avalanche danger prevails widespread. The major peril stems from recently formed snowdrift accumulations in steep, shady terrain above 2000m. Particularly on steep, ridgeline slopes the drifts can be triggered even by minimum additional loading. With experience, they can be recognized and avoided. During the day, the warming curve will also enhance avalanche triggerings: if solar radiation is intense, wet snowslides can be expected in wind-protected terrain. On extremely steep slopes below 2500m, spontaneous sluffs are possible, although in most cases they will require the loading from skiers to release. The danger of gliding avalanches will rise on grass-covered slopes as the day unfolds.

SNOW LAYERING

The snowdrifts which formed last Friday are not longer quite as prone to triggering, threaten primarily in shady terrain above 2000m. The layer of weakness is the surface hoar or faceted powder: in spite of the warmth and solar radiation, it will take longer for this snow layer to bond with the snowpack beneath it. The old snowpack is generally stable. On sunny slopes, deeply embedded rain crusts are a risk. Ground level layers currently threaten to release only in very unfavourable circumstances in isolated cases, i.e. extremely steep, shady, shallow-snow. large additional loading. In the early morning hours the melt-freeze crust is capable of bearing loads, the snowpack will lose much of its firmness during the day.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Mountain weather today: good overall conditions. A bit of snowfall last night, no more is expected during the day. Sunny north of the Main Alpine Ridge, this afternoon visibility will deteriorate somewhat due to convective cloud, but still be adequate. Winds in the foehn lanes can be strong. The southern flank of the Alps will often be shrouded in cloud, light snow showers are possible. Temperature at 2000m: +3 degrees; at 3000m, -5 degrees. Light to moderate W/S winds, strong at high altitude and in foehn lanes.

SHORT TERM DEVELOPMENT

April weather conditions reign: no significant change in danger.

Patrick Nairz

Translated by Jeffrey McCabe