



DANGER PATTERNS (DP): [dp.5 - snowfall after a long period of cold](#) [dp.6 - loose snow and wind](#) [dp.2 - gliding snow](#)

Wet snow at low altitude, very trigger-sensitive drifts at high altitude

AVALANCHE DANGER

Far and wide in Tirol, but especially above 2300m, considerable danger prevails; in southern East Tirol, still low danger. Most threatening are the conditions in the Silvretta, where there has been the heaviest snowfall since Monday. Due to strong southerly winds, the fresh fallen snow is being intensely transported. On steep north-facing slopes above 2300m, naturally triggered avalanches can release which fracture all the way down to the ground and thereby grow to medium size. Elsewhere in Tirol, fresh drifts above 2200m require caution. With ascending altitude, their proneness to triggering increases. Particular caution is urged on shady slopes and in ridgeline terrain. In the zones which had rainfall, i.e. below 2000m, isolated wet-snow avalanches can release again today on extremely steep slopes; and gliding avalanches are also a threat on steep, grass-covered slopes, particularly in westernmost and easternmost regions of North Tirol.

SNOW LAYERING

The quality of the snow has suffered greatly from the warmth and the wind. At low and intermediate altitudes the snowpack is generally moist, where the snow is shallow it is thoroughly wet. Above 2200m, southerly winds are transporting masses of fresh fallen snow, depositing it on shady slopes atop a very loosely-packed, faceted-crystal snowpack surface which is a perfect weak layer for fracturing slab avalanches. The snowdrift accumulations are highly prone to triggering. In addition, weak ground-level layers, especially above 2300m on W-N-E slopes are a threat, primarily triggerable through large additional loading.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Mountain weather today: windy! On the Main Alpine Ridge and in the Southern Alps, increasing barrier cloud will accumulate from the south, but only isolated snow showers. The Northern Alps are free, the early morning fogbanks will gradually disperse and it will turn sunny. Temperature at 2000m: 0 degrees; at 3000m: -3 degrees. Strong to stormy S/SW winds.

SHORT TERM DEVELOPMENT

Ongoing foehn impact, snow continues to be transported at high altitudes

Patrick Nairz

Translated by Jeffrey McCabe