



DANGER PATTERNS (DP): [dp.10 - springtime scenario](#); [dp.2 - sliding snow](#)

Increasing avalanche danger through the day

AVALANCHE DANGER

In Tirol's backcountry regions, favourable touring conditions prevail, in early morning the danger level is generally low, then rises during the course of the day. Avalanche prone locations for slab avalanches are found only seldom, most often in extremely steep, shady ridgeline terrain above 2600m. Below about 2800m the snowpack rapidly softens, naturally triggered loose sluffs and wet avalanches are the result. Skiing and freeriding tours in outlying terrain should be brought to a close early in the day. Particularly in East Tirol, imminent gliding avalanches threaten wherever glide cracks are visible on the snowpack surface.

SNOW LAYERING

Yesterday afternoon, high and intermediate altitude clouds moved in, reducing nocturnal outgoing radiation of the snowpack and permitting only a thin melt-freeze crust to form. Daytime warming and intense solar radiation will soften this crust swiftly, the snowpack firmness will deteriorate. On sunny slopes the snow cover is thoroughly moist up to about 2800m, on steep, south facing slopes to over 3000m. On shady slopes at higher altitudes the snowpack is generally still dry.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Weather: The Alps lie in the path of a southerly jetstream, still held by a high pressure zone. On the northern flanks, foehn wind conditions reign. Mountain weather today: Partly sunny, partly cloudy conditions at high altitudes, convective cloud build-up this afternoon, good visibility, though slightly diffuse light. Pleasant conditions continue on both flanks of the Alps. In South Tirol, high fogbanks at about 2000m to start with, dispersing later on. Temperature at 2000m, +6 degrees; at 3000m, -1 degree. Moderate southwesterly winds, stronger in the well-known foehn lanes.

SHORT TERM DEVELOPMENT

Rapidly rising avalanche danger today due to reduced nocturnal outgoing radiation

Rudi Mair

Translated by Jeffrey McCabe