



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

Favourable touring conditions in early morning, beware daytime rise in danger

AVALANCHE DANGER

In the early morning hours, generally favourable conditions reign amidst a distinct daytime cycle of avalanche danger. As of late morning, the danger level is low, then rises significantly and rapidly as the snowpack forfeits its firmness, at which point moist sluffs and wet avalanches can be expected to release naturally. This applies especially to very steep east to south to west facing slopes. In addition, caution is urged towards gliding avalanches, especially on steep, grass covered slopes.

SNOW LAYERING

The snowpack on sunny slopes below about 2800 m is thoroughly wet for the most part. Since skies were clear last night, the outgoing radiation brought about the formation of a melt-freeze crust which is capable of bearing loads this morning. Solar radiation and daytime warming will lead to that firmness being lost over the course of the morning. On shady slopes, the snowpack surface at high altitude and in high alpine regions is often heavily impacted by wind. Isolated, small-sized snowdrift accumulations are to some extent still prone to triggering. In wind protected zones, however, loose, dry powder snow is still to be found.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Weather: On Tuesday the Alps lie in the path of a northwesterly jetstream at the edge of a high pressure zone. A disturbance will touch us during the night tonight, after which fine weather conditions will return. Following a brief foehn wind phase, a cold air front will arrive at the weekend. Mountain weather today: A splendid day in the mountains. After a night of clear skies, unhindered sunshine today, a few thin cirrus clouds at high altitude, far above summit level. Temperature at 2000m +8 degrees; at 3000m +1 degree. Moderate westerly winds, somewhat brisker this evening.

SHORT TERM DEVELOPMENT

A daytime cycle of avalanche danger will continue.

Rudi Mair

Translated by Jeffrey McCabe