



**DANGER PATTERNS (DP):** [dp.1 - deep persistent weak layer](#); [dp.10 - springtime scenario](#); [dp.2 - sliding snow](#)

**Danger below 2000m is moderate; above 2000m, low; slight daytime danger cycle**

### AVALANCHE DANGER

Avalanche danger is contingent on altitude and time of day. In the morning below about 2000m, the danger level is generally moderate; above that altitude, low. As the day brings increasing (also diffuse) solar radiation, the danger level could rise somewhat, to moderate up to 2300 m; above that altitude, low. The major peril is on very steep, shady slopes between 2000 and 2300m, where spots with shallow snow can release isolated slab avalanches by large additional loading. The likelihood of triggering an avalanche increases with the degree of moisture inside the snowpack. Elsewhere, in craggy, sunny terrain where there was snowfall recently, small loose sluffs, and in East Tirol gliding avalanches on steep grassy slopes, demand heightened caution.

### SNOW LAYERING

Mixed skies last night, including intermittent clear spots as well as rainfall up to about 2000m, permitted only minimum outgoing radiation of the snowpack at low and intermediate altitudes. Today, a moist snowpack surface or a thin melt-freeze crust are most often evident. Beneath the crust the snowpack is wet, but its ability to bear loads increases with altitude. Only at high altitudes is it still dry (still some powder). Slab avalanches observed over the weekend were all on shady slopes up to 2400 m, released from ground-level, faceted layers which formed in early winter. That is where avalanches are possible also today, although they are likely only in isolated cases where the snow is shallow. Otherwise the snowpack is generally stable.

### ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Mountain weather today: the air is drier, encouraging sunny mountain weather in western and northwestern regions, sunniest in the Lechtal Alps. In the Kitzbühel and Zillertal Alps region, still lots of cloud cover, poorer visibility. This afternoon, convective cloud build-up will bring a tendency towards showers, as of 2200m as show showers. On the southern flank of the Alps, quite sunny between Ortler and Dolomites; cloudier and variable in the East Tirolean mountains. Temperature at 2000m, +4 degrees; at 3000m, -4 degrees. Moderate northwesterly winds, on the Main Tauern Ridge somewhat stronger.

### SHORT TERM DEVELOPMENT

No significant change. Quite favourable conditions at high altitudes.

Patrick Nairz

Translated by Jeffrey McCabe