



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

Predominantly favourable avalanche situation, moderate danger

AVALANCHE DANGER

In Tirol's backcountry touring regions, mostly favourable conditions reign, avalanche danger is moderate. Isolated danger zones for dry slab avalanches are still found in ridgeline terrain and in transitions from deep to shallow snow, mostly in terrain above 2200 m in W/N/E aspects. At low and intermediate altitudes, gliding avalanches can still trigger naturally, caution is required on steep, grass-covered slopes in all aspects.

SNOW LAYERING

The old snowpack in North Tirol is favourably layered. In East Tirol there is still a layer of faceted snow crystals lurking beneath hardened crusts (old snow problem). The snowpack above 2200 m shows pronounced effects of wind; below that altitude, of rain and warmth. At low and intermediate altitudes, outgoing nocturnal radiation helped the snowpack to form a melt-freeze crust capable of bearing loads last night. This crust will soften and weaken during the daytime due to solar radiation and daytime warmth, thereby forfeiting its firmness.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Weather. Wedged between a high over Scandinavia and a low over Greece, the Alps are in the path of an E/SE airstream. Particularly the western regions of Austria will profit from this high, the air masses it brings will be dry. The lower layers of the atmosphere contain more moisture, thus making high fog likely in the morning hours. Mountain weather today: a very sunny day in the mountains, quite good visibility, the high fog in the Inn Valley up to 1500 m will soon disperse. Between Zillertal Main Ridge and the Carnic Alps, some high altitude cloudbanks, these will soon move on. Temperatures rising slightly: -2 degrees at 2000 m; -8 degrees at 3000 m. Hardly any wind, only in the Tux Alps could there be some brisk wind.

SHORT TERM DEVELOPMENT

Mostly favourable conditions, moderate avalanche danger.

Rudi Mair

Translated by Jeffrey McCabe