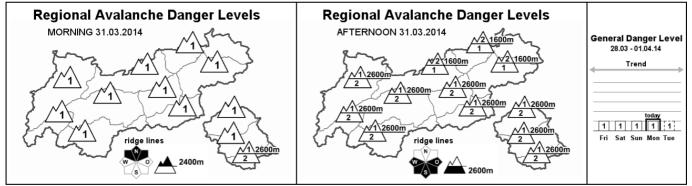


# **Avalanche Bulletin**of the Avalanche Warning Service Tyrol Monday, 31.03.2014, at 07:30





DANGER PATTERNS (DP): dp.10 - springtime scenario; dp.2 - sliding snow; dp.7 - snow-poor zones in snow-rich surrounding

# Favourable conditions in early morning, daytime rise in danger

#### **AVALANCHE DANGER**

In Tirol's backcountry touring regions, springtime conditions prevail: in early morning the danger level is generally low, then rising over the course of the day. Isolated avalanche prone locations for slab avalanches are found in extremely steep, shady terrain above 2400m, mainly in ridgeline terrain and transitions from deep to shallow snow. Below about 2600m the snowpack rapidly softens, the danger level then rising to moderate. Particularly on sun-drenched slopes, naturally triggered loose sluffs and wet avalanches will be the result. In East Tirol, gliding avalanches still threaten, especially on slopes where glide cracks are evident on the snowpack surface.

#### **SNOW LAYERING**

Following a night of clear skies, a melt-freeze crust generally capable of bearing loads formed on steep east to south to west facing slopes. Daytime warming and intense solar radiation will soften the crust swiftly, the snowpack firmness will deteriorate. On sunny slopes up to about 2800m, the snowpack is isotherm, i.e. temperature 0°, on south facing slopes up to about 3000m. On shady slopes at higher altitudes where there is little wind influence, still some powder. Elsewhere, breakable crusts or wind compacted surfaces.

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

Weather: Tirol lies at the center of a high pressure zone extending from Italy over the Alps to the North Sea. The air is dry and mild. As mid-week approaches, the high will weaken. Mountain weather today: cloudbanks passing through will be far above summit level, impeding neither visibility nor sunshine. Very mild, the zero-degree level just below 3000m. Temperature at 2000m, +7 degrees; at 3000m, -1 degree. Generally light winds from varying directions.

### **SHORT TERM DEVELOPMENT**

Classic springtime conditions continue, including daytime danger cycle

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