



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

## Heed daytime danger cycle. End of daily avalanche bulletins

### AVALANCHE DANGER

Avalanche danger levels are contingent on altitude: above approximately 1600m the danger is moderate; below that altitude, generally low due to lack of snow. There are currently only few danger zones left, slab avalanches which can release by large additional loading are most likely in extremely steep, shady terrain at 2400-2600 m where snow is shallow. Loose avalanches can be triggered by skiers only in craggy terrain where the snowpack is wet. Gliding avalanches are indicated by glide cracks in the snowpack surface, likeliest on steep, grassy slopes in southern East Tirol where snow depths are greatest. Danger zones are creeping to higher altitudes, increasingly in shady terrain where the snow base is wet for the first time this season. After nights of clear, dry skies, the situation is always more favourable than following wet, cloudy nights.

### SNOW LAYERING

The snowpack's outgoing nocturnal radiation was adequate after midnight especially in eastern regions, permitting a breakable crust to form, higher up a crust capable of bearing loads. The variable April weather conditions will swiftly moisten the snowpack again today. Significantly weak layers where slab avalanches threaten are rare, most likely on shady slopes at 2400-2600 m, where a layer near the ground, formerly of faceted crystals, could release with increasing wetness. As throughout the winter, in northern regions below-average snow depths prevail, particularly sunny slopes are bare to above the treeline. In southern East Tirol, snow depths are above average for this juncture of the season.

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

Mountain weather today: Sunshine in most regions during the morning; as of midday, convective cloud build-up is anticipated, bringing rain showers and thunderstorms to the Northern Limestone Alps in particular, as well as the upland peaks. It will fall as snow or graupel as of about 2300 m. On the Main Alpine Ridge and the southern flank of the Alps conditions are somewhat more stable, the likelihood of showers is lower. Temperature at 2000 m, +4 degrees; at 3000m, -2 degrees. Light easterly winds, occasionally brisker due to local circulation and showers.

### SHORT TERM DEVELOPMENT

The daily avalanche bulletins come to an end today, 23 April. In case of major changes, updates will be published. We extend warm thanks to all those who assisted us with their valuable observations, news and reports over the course of the season.

Patrick Nairz

Translated by Jeffrey McCabe