



DANGER PATTERNS (DP): [dp.10 - springtime szenario](#) [dp.2 - gliding snow](#)

### Favourable conditions in early morning, slightly rising daytime danger

#### AVALANCHE DANGER

Classic springtime conditions prevail: avalanche danger in early morning is low, then increases to moderate above 2400 m during the course of the day as the snowpack becomes wet. Below 2400 m danger remains low, since the snowpack now consists of stable summer corn snow. Greatest caution is urged in shady terrain at 2400-2900 m, where in the afternoon avalanches are most likely to trigger, e.g. wet loose-snow avalanches in extremely steep terrain or isolated slab avalanches where the snow is shallow in extremely steep terrain from large additional loading. (The latter is possible in all aspects of high alpine terrain.) Gliding avalanches are no longer frequent, most likely in shady terrain.

#### SNOW LAYERING

The above-average temperatures of April led not only to a rapid diminishing of the snow depths, but also to the early development of summertime corn snow over widespread areas. This is now found frequently on shady slopes up to 2400 m, on sunny slopes up to 3000 m. Weak layers for potential slab avalanches are becoming rare, most likely on shady slopes above 2400 m, on sunny slopes above 3000 m, where steep slopes with shallow snow could contain nests of depth hoar. Such avalanches are most likely to trigger only through a heavy impulse, e.g. a cornice breaking or another avalanche releasing.

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

Moderate to brisk southerly foehn wind, sunny and mild weather in the mountains of North Tirol, some high-altitude clouds, later on some convective cloud build-up. The peaks on the Main Alpine Ridge, particularly in the Southern Alps, may get some cumulus cloud and later on have a certain tendency towards showers, but there will be ample sunshine as well. Visibility (apart from pollen) is outstanding. Temperature at 2000 m: 3 to 9 degrees; at 3000 m: 0 to +2 degrees. Moderate SW winds, brisker in the foehn lanes on the northern flank of the Alps and in high alpine regions in general.

#### SHORT TERM DEVELOPMENT

Predominantly favourable conditions, slight daytime danger curve

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Translated by Jeffrey McCabe