



| Regional Avalanche Danger Levels in alpine areas from 08.01.2018 07:30 All-Day | WHAT? problem | WHERE? danger spots |
|--|-----------------------------------|---|
| | drifting snow | 2400m fresh, small-surfaced |
| | gliding snow | 2400m on steep, grassy slopes |
| | General Level Tirol | Tendency tomorrow constant |

DANGER PATTERNS (DP): [dp.6 - loose snow and wind](#) [dp.1 - deep persistent weak layer](#) [dp.2 - gliding snow](#)

Considerable avalanche danger widespread to due fresh snowdrifts

AVALANCHE DANGER

Avalanche danger in Tirol's backcountry touring regions is considerable over widespread areas. The major danger stems from fresh, small-sized snowdrift accumulations. These can be triggered even by minimum additional loading. Avalanche prone locations are found on steep slopes and ridgelines in all aspects above about 2400 m. Below 2400 m, increasingly frequent naturally triggered wet-snow and gliding avalanches require special caution during the course of the day.

SNOW LAYERING

The strong to storm-strength southerly foehn wind once again gave rise to immense snow transport. The fresh drifts which were created are poorly bonded with the loose old snowpack surface beneath them, making them prone to triggering. At low and intermediate altitudes, the persistently mild temperatures are making the snowpack thoroughly wet. It will thereby lose some of its firmness over the course of the day.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Weather: The Alps lie at the forefront of an expansive low over the Iberian peninsula in a powerful southerly jetstream. This is bringing us foehn conditions on the northern flank of the Alps, and increasing precipitation on the southern flank of the Alps. On Tuesday the culmination of this system will be reached. On Wednesday the foehn will collapse without any grand effect on the northern flanks and temperatures will drop. Mountain weather today: strong to stormy foehn wind. Visibility will be good on the north side of the Alps, despite somewhat diffuse light conditions due to high altitude cloud cover. The Main Ridge is veiled in clouds created by the foehn wall, from which snowfall of gradually increasing intensity is expected in the Southern Alps. Tonight, snowfall in the Dolomites. Temperature at 2000m: +2 degrees; at 3000 m: -4 degrees. Strong to stormy southerly winds.

SHORT TERM DEVELOPMENT

Considerable danger widespread

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