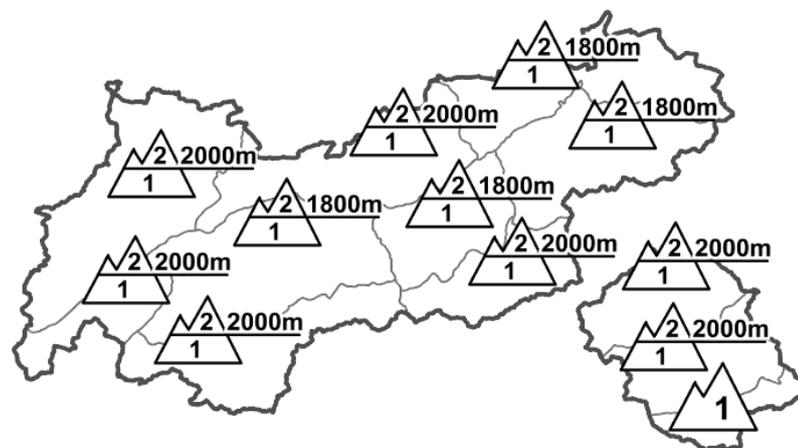




| Regional Avalanche Danger Levels in alpine areas from 29.01.2017 07:30 All-Day | | WHAT? problem | WHERE? danger spots |
|--|--|--|--|
|  | |  old snow |  2000m shady slopes |
| | |  drifting snow |  2400m small, fresh drifts |
| | | General Level Tirol  | Tendency tomorrow  constant |

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

Moderate avalanche danger above 2000m

AVALANCHE DANGER

Avalanche danger in Tirol's backcountry touring regions is moderate over widespread areas, often low at altitudes beneath 1800m. Caution is still urged towards the old-snow problem which threatens particularly in inneralpine regions and along the Main Alpine Ridge: on steep, shady slopes above 2000m avalanches can often be triggered by minimum additional loading. As a result of southerly foehn winds over the last two days, new, relatively small-sized snowdrift accumulations have formed which are quite prone to triggering. Avalanche prone locations are found primarily in areas adjacent to ridgelines on NW to N to NE facing slopes above 2400m. On steep, grass-covered slopes, isolated gliding avalanches can trigger naturally.

SNOW LAYERING

In all of Tirol's backcountry touring regions there are below average amounts of snow. In addition, summit and crest regions are often windblown or the surface is wind-compresses and hardened. Most of all in inneralpine regions and along the Main Alpine Ridge, the fundament between 2000 and 2800m is weak: interspersed between hardened crusts deeply embedded inside the snowpack are layers of loose, unbonded, faceted-crystal snow. In ridgeline terrain above 2400m, strong southerly foehn winds have since yesterday formed new, small snowdrift accumulations, most of all in the classic foehn lanes.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Weather: wedged between a low over the northern Atlantic and a high over eastern Europe, Tirol is caught in a sharp inversion amidst dry air masses. At the beginning of the new week, the influence of the low will increase: a frontal system will shift air masses on Tuesday, bringing wetter and milder weather our way. Mountain weather today: the high-pressure front conditions will be amplified today. From north to south, perfect mountain weather will set in, bringing sunshine, excellent visibility, light winds. Clear, cold air will be driven towards the Alps, the zero-degree level at about 1500m. Temperature at 2000m: -2 degrees; at 3000m -7 degrees. Light SW winds.

SHORT TERM DEVELOPMENT

Moderate danger widespread will continue.

Rudi Mair

Translated by Jeffrey McCabe