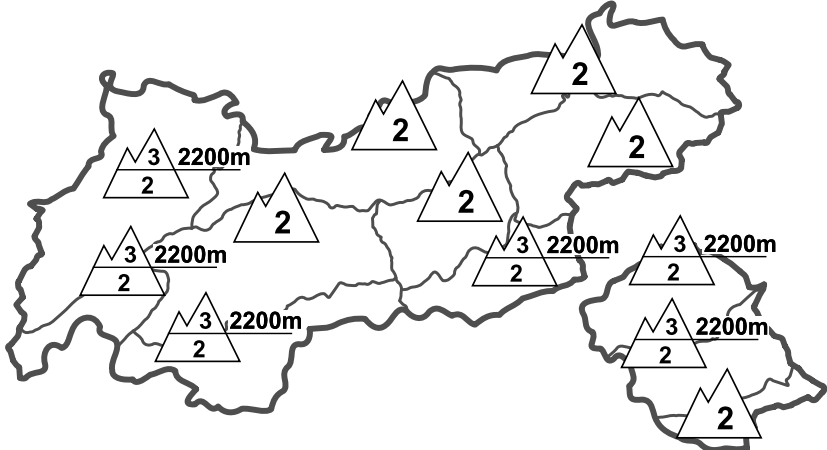



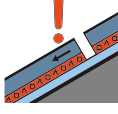








Regional Avalanche Danger Levels in alpine areas from 23.02.2018 07:30 All-Day	WHAT? problem	WHERE? danger spots
	 drifting snow	 2200m fresh, trigger-sensitive 
	 old snow	 2200m faceted below crusts 
	General Level Tirol 	Tendency tomorrow  constant

DANGER PATTERNS (DP): [dp.6 - loose snow and wind](#) [dp.8 - surface hoar blanketed with snow](#) [dp.4 - cold following warm / warm following cold](#)

Moderate avalanche danger widespread, regionally considerable danger

AVALANCHE DANGER

Avalanche danger in Tirol is moderate over widespread areas, but from place to place still considerable. The main danger stems from fresh and older snowdrift accumulations. They are generally small, but in places can be triggered even by minimum additional loading. Avalanche prone locations are found on steep slopes and in ridge line terrain above 2200 m, particularly in E-S-W aspects. Since the danger zones are frequently blanketed with fresher snow, they can be difficult to recognize in outlying terrain. Below 2200 m, isolated gliding avalanches can still trigger naturally.

SNOW LAYERING

The old snowpack has settled and is stable. All avalanches which have released in recent days unleashed in the uppermost layers of the snowpack. Fresh and old snowdrift accumulations have frequently been deposited on top of weak layers of faceted crystals or atop surface hoar. Thus, the proneness of the drifts triggering is high. The snowpack layering on sunny slopes is generally less favourable than on shady slopes. The reason: beneath hardened crusts lurk thin layers of faceted snow crystals, particularly above 2200 m.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Weather. A low pressure front extends from Russia to Italy, a high is perched over the North Sea. This puts the Alps in an easterly airstream which is temporarily becoming drier and milder. As of Sunday, arctic cold will stream into Tirol. Mountain weather today. On the northern flank of the Alps above 1800-2000 m, heavy cloud cover will pass through this morning, but ultimately the sun will prove stronger. The residual fog clinging to the mountain flanks will slowly disperse, this afternoon should turn quite sunny. In the mountains of East Tirol and South Tirol, skies are overcast and light intermittent snowfall can be expected. Temperatures at high altitude will be slightly higher. At 2000 m: -8 to -4 degrees; at 3000 m: -12 to -7 degrees. Moderate to brisk southeasterly winds at high altitude.

SHORT TERM DEVELOPMENT

No significant change is expected in the avalanche situation.

Rudi Mair

Translated by Jeffrey McCabe