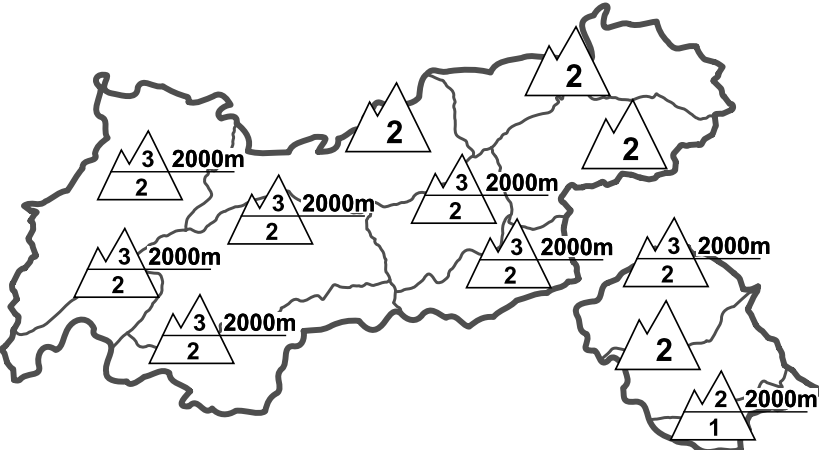

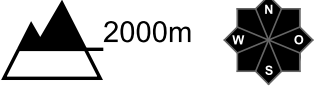
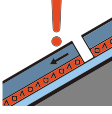
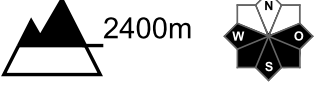






Regional Avalanche Danger Levels in alpine areas from 08.03.2018 07:30 All-Day	WHAT? problem	WHERE? danger spots
	 drifting snow	 2000m fresh, trigger-sensitive
	 old snow	 2400m faceted below crusts
	General Level Tirol 	Tendency tomorrow  constant

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

Widespread moderate danger, regionally considerable danger

AVALANCHE DANGER

Avalanche danger in Tirol's backcountry touring regions has increased slightly, it is now ranked as moderate over widespread areas, but from region to region danger is considerable. The main peril stems from freshly formed snowdrift accumulations. These are often poorly bonded with the snowpack surface beneath them and are thus triggerable even by minimum additional loading. Avalanche prone locations are found on steep slopes and in rigeline terrain in all aspects above 2000 m. Number and size of danger zones tend to increase with ascending altitude. On sunny slopes above 2400 m, caution is urged towards the old snow problem.

SNOW LAYERING

Yesterday in North and East Tirol there was 5-10 cm of fresh snow registered over widespread areas. On the Main Ridge east of the Brenner, in the Tux Alps and the East Tirolean Tauern Ridge there was 10-20 cm of fresh snow. The high-altitude westerly winds were moderate to brisk, so that above 2000 m the snow was transported. Fresh, small-sized snowdrift accumulations were deposited on top of older drifts, which in turn lay atop layers of loosely-packed, faceted snow crystals, often on top of surface hoar. Thus, the likelihood of triggering is high. On slopes in E/S/W aspects there is often a thin layer of loose, faceted snow beneath the embedded crusts. This applies particularly to altitudes above 2400 m.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Weather: Tirol is still in the grips of a westerly airstream which is bringing milder air mass our way, as well as weak southerly foehn wind nearer to ground level. The effects of a high pressure front are increasing. Mountain weather today: low lying residual cloud wreathes the summits of the Northern Alps, but will disperse during the morning. It will then become sunny in all the mountain ranges of Tirol, visibility will be outstanding. Later on, thin cloudbanks will move in above summit level, some of which will impede the sun or veil it, also turning light conditions diffuse. Temperature at 2000 m: -1 degree and rising; at 3000 m: -10 degrees and rising. Moderate SW winds at high altitude, brisk southerly foehn wind in the foehn-exposed zones.

SHORT TERM DEVELOPMENT

Avalanche danger will incrementally diminish.

Rudi Mair

Translated by Jeffrey McCabe