

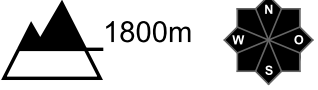
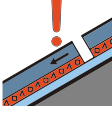
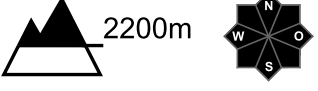






Regional Avalanche Danger Levels in alpine areas from 28.12.2017 07:30 <span style="color: red;">All-Day</span>	WHAT? problem	WHERE? danger spots
	 drifting snow	 1800m fresh, trigger-sensitive
	 old snow	 2200m faceted under crusts
<p><b>General Level</b> Tirol</p> 	<p><b>Tendency</b> tomorrow</p>  constant	

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

**Considerable avalanche danger widespread. Beware fresh snowdrifts.**

### AVALANCHE DANGER

Avalanche danger in Tirol's backcountry touring regions has increased again, it is now considerable (upper notch of this level) over widespread areas. The major danger stems from fresh snowdrift accumulations: they are poorly bonded with the old snowpack and can be triggered by minimum additional loading. Avalanche prone locations are found on steep slopes and ridgeline terrain in all aspects above 1800 m. Frequency and spread of danger zones tend to increase with ascending altitude. If avalanches fracture down into the old snowpack, they can grow to dangerous size. At low and intermediate altitudes, gliding avalanches can still trigger naturally on steep, grass-covered slopes.

### SNOW LAYERING

During the last 24 hours there has been widespread snowfall in North and East Tirol, most of which fell on the Stubai part of the Main Ridge and Carnic Alps (50-70 cm). On the Tauern Ridge there was 30-50 cm; in the other parts of the Main Ridge 20-30 cm. Further north there was 10-15 cm of fresh snow registered. Winds shifted to NW during the night, were blowing mostly above transport velocity. Thus, the loosely-packed fresh snow was immediately transported, generating new snowdrift accumulations. The drifts are poorly bonded with the old snowpack surface, making them prone to triggering. In the inneralpine touring regions, along the Main Alpine Ridge and in East Tirol, the old snow problem requires heed above 2200 m: there are thin layers of faceted snow crystals beneath hardened crusts.

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

Weather: The perturbation which is connected to a low over Italy is losing its strength on the southern flank of the Alps, since the air current is shifting to NW, which will transfer the bulk of the barrier clouds to the northern flank of the Alps. On Friday, an intermediate high will make itself felt. On Saturday, a warm front will bring renewed precipitation. Mountain weather today: significantly colder, snowfall also on the East Tirolean Tauern Ridge. In southern East Tirol the snowfall will come to an end, but not much sunshine is anticipated due to heavy cloud cover. Temperature at 2000 m: -10 degrees; at 3000 m: -17 degrees. Brisk NW winds, stronger over the Main Ridge.

### SHORT TERM DEVELOPMENT

Considerable avalanche danger due to fresh drifts.

Rudi Mair

Translated by Jeffrey McCabe