
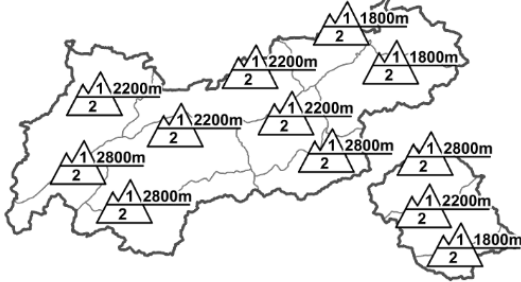


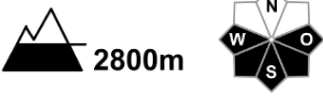







Regional Avalanche Danger Levels in alpine areas from 16.04.2015 07:30 MORNING		Regional Avalanche Danger Levels in alpine areas from 16.04.2015 07:30 AFTERNOON		Tendency tomorrow  constant
				
WHAT? - problem  gliding snow	WHERE? - danger spots  steep grassy slopes	WHAT? - problem  wet snow	WHERE? - danger spots  from late morning	General Level Tirol 

DANGER PATTERNS (DP): [dp.10 - springtime szenario](#) [dp.2 - gliding snow](#)

Caution: daytime avalanche danger rises swiftly

AVALANCHE DANGER

Avalanche danger in Tirol's backcountry touring regions is subject to a daytime cycle. In early morning the hazards are generally low; the danger level rapidly rises to moderate. The major peril comes from the softening snowpack as a result of the daytime rise in temperatures and intense solar radiation. This causes the snowpack to lose its firmness during the morning, which in turn leads to naturally triggered wet-snow avalanches and moist sluffs of the superficial layers. In isolated cases, gliding avalanches are also possible. Skiing and freeriding tours in outlying terrain should be terminated early in the day.

SNOW LAYERING

On south facing slopes over widespread areas the snow cover up to approximately 3200 m is thoroughly wet; on east and west facing slopes it is wet up to about 2800 m; on north facing slopes up to 2400 m. Following a night of generally clear or only slightly overcast skies, the snowpack had sufficient outgoing radiation and cooled. On steep, sunny-side slopes more than anywhere else a melt-freeze crust formed which is capable of bearing loads. Solar radiation and intense daytime warming will shortly soften, melt and deteriorate this crust, causing it to rapidly forfeit its reclaimed firmness.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Weather: Dry, warm air will dominate to start with. As a low from the Iberian peninsula approaches, Tirol will be caught in a southerly air current which will bring more humid and increasingly instable air masses to Tirol. Mountain weather today: still pleasant, sunny weather this morning, accompanied by some high altitude clouds. During the day the cloud cover will become dense, visibility diffuse, the zero-degree level touching the 3000-meter mark. Convective cloud build-up will be minimal except in the zone between Dolomites and Carnic Alps, where scattered showers are possible this afternoon. Temperature at 2000 m, +9 degrees; at 3000 m, 0 degrees. Strong westerly winds in ridgeline terrain on the northern flank of the Alps; elsewhere light to moderate westerly to southwesterly winds.

SHORT TERM DEVELOPMENT

When nighttime skies are overcast, no melt-freeze crust forms. Generally moderate danger.

Rudi Mair

Translated by Jeffrey McCabe