











Regional Avalanche Danger Levels in alpine areas from 19.03.2015 07:30 MORNING		Regional Avalanche Danger Levels in alpine areas from 19.03.2015 07:30 AFTERNOON		Tendency tomorrow  constant
				
WHAT? - problem  persistent weak layer	WHERE? - danger spots  inneralpine	WHAT? - problem  wet snow	WHERE? - danger spots  from late morning	General Level Tirol 

DANGER PATTERNS (DP): [dp.10 - springtime szenario](#) [dp.1 - deep persistent weak layer](#)

Springlike conditions, including daytime rise in avalanche danger

AVALANCHE DANGER

In Tirol's backcountry touring regions, conditions are becoming increasingly springlike. This includes a daytime cycle of avalanche danger: in the early morning hours, danger is low over widespread areas, then increases to moderate as of late morning. Isolated avalanche prone locations for dry avalanches are still found on very steep, shady slopes and ridgeline terrain above approximately 2000m. Most of all the relatively small snowdrift accumulations from the recent period of foehn winds are prone to triggering. As of late morning the snowpack tends to lose its firmness due to daytime warming and solar radiation. Below about 2400m, naturally triggered wet sluffs and slab avalanches can then be expected. On steep, grass-covered slopes gliding avalanches are also possible. Skiing and freeriding tours in outlying terrain should be ended early.

SNOW LAYERING

Last night was only slightly overcast north of the Inn, south of the Inn more so. The snow cover in most regions had sufficient outgoing longwave radiation to form a melt-freeze crust capable of bearing loads up to intermediate altitudes. Loosely packed powder snow is still found only at higher altitudes, in shady, wind-protected terrain. Embedded inside the snowpack in inneralpine touring regions are threats: interspersed between hardened crusts are layers of faceted snow crystals which can be triggered, particularly where the snow is shallow in treeline zones.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Weather in general: Central Europe is in a high pressure front with static weather. Only on Saturday or Sunday will a cold front coming from the west interrupt these conditions. Mountain weather today: In the North Tirolean sector of the Main Alpine Ridge, particularly in Tux and Zillertal Alps, overcast skies in the early morning hours, shifting to convective cloud build-up during the day, thereby establishing sunny weather with little wind, zero-degree level at just under 2000m. Temperature at 2000m, +1 degree; at 3000m, -7 degrees. Light northerly winds.

SHORT TERM DEVELOPMENT

Springlike conditions will continue, as well the daytime danger cycle

Rudi Mair

Translated by Jeffrey McCabe