













Regional Avalanche Danger Levels in alpine areas from 20.03.2015 07:30 MORNING		Regional Avalanche Danger Levels in alpine areas from 20.03.2015 07:30 AFTERNOON		Tendency tomorrow  constant
				
WHAT? - problem  persistent weak layer	WHERE? - danger spots  2000m  inneralpine, shady slopes	WHAT? - problem  wet snow	WHERE? - danger spots  2600m  from late morning	General Level Tirol 

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

Caution: daytime danger cycle!

AVALANCHE DANGER

Avalanche danger today is subject to a daytime cycle: in the early morning hours the danger level is low, as of late morning it increases to moderate. Daytime warming and solar radiation cause the snowpack to lose its firmness by noon. Below about 2600m, more frequent naturally triggered moist sluffs and wet snow avalanches can be expected as a result. These, in turn, can trigger slab avalanches. Skiing and freeriding tours in outlying terrain should absolutely be terminated early in the day! Isolated danger zones for dry slab avalanches are still found in very steep, shady ridgeline terrain above approximately 2000m, where a slab avalanche can be triggered primarily in transitions from shallow to deep snow.

SNOW LAYERING

The snowpack surface on sunny slopes up to approximately 2800m, on shady slopes up to approximately 2200m, is superficially moist. As a result of nocturnal outgoing longwave radiation, a melt-freeze crust capable of bearing loads formed, but loses its firmness during the morning. Particularly in inneralpine backcountry touring regions, the weak structuring of the snow cover demands special caution, particularly in shady treeline zones. Interspersed between hardened crusts are frequently layers of faceted crystals. Wherever the snow is shallow, this layer can be triggered.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Weather in general: high pressure still has Tirol in its sway, but it is weakening. On Saturday a cold front will move in from the west. Mountain weather today: sublime mountain weather, maximum sunshine, outstanding visibility in high alpine regions, pleasant temperatures (zero-degree level at 2200m). Local high fogbanks in the Southern Alps will disperse during the morning. Temperature at 2000m, +1 degree; at 3000m, -5 degrees. Light winds.

SHORT TERM DEVELOPMENT

Moderate avalanche danger widespread. Danger of wet-snow avalanches subsiding.

Rudi Mair

Translated by Jeffrey McCabe