
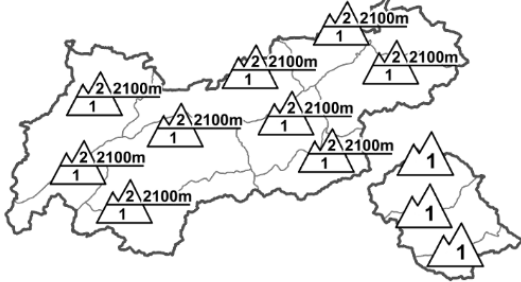












Regional Avalanche Danger Levels in alpine areas from 29.03.2016 07:30 MORNING		Regional Avalanche Danger Levels in alpine areas from 29.03.2016 07:30 AFTERNOON		Tendency tomorrow  constant
				
WHAT? - problem  drifting snow	WHERE? - danger spots  2100m  esp. shady slopes	WHAT? - problem  wet snow	WHERE? - danger spots  2500m  increasing during the day	General Level Tirol 

DANGER PATTERNS (DP): [dp.8 - surface hoar blanketed with snow](#) [dp.6 - loose snow and wind](#) [dp.10 - springtime szenario](#)

Beware high altitude snowdrifts and daytime danger cycle

AVALANCHE DANGER

Classic springtime conditions prevail, including a daytime danger cycle. In the morning, recently formed snowdrifts, mostly near ridgelines on very steep, shady slopes above 2100m, are the threat. During the day, the weather forks: in the north, the predicted precipitation plus the daytime moistening of the snowpack (from rain and solar radiation) will endanger the drifts above 2300m on shady slopes. In the other regions of Tirol, the loss of snowpack firmness due to diffuse solar conditions plus the daytime warming (plus drifts at high altitude) create a risky scenario of its own. Below 2500m we expect isolated spontaneous wet snowslides on extremely steep, sunny slopes, increasingly triggered by skiers.

SNOW LAYERING

Nocturnal outgoing radiation varied greatly last night, mostly a melt-freeze crust formed which is capable of bearing loads (below 1800m the crust is breakable). The uppermost, weak layers of the snowpack are the greatest threat currently, particularly on shady slopes above 2100m due to surface hoar, but also because the powder snow has transformed to faceted crystals. The drifts which formed on Thursday and Friday are inadequately bonded with these layers, particularly in North Tirol. During the day the snowpack will lose its firmness due to wetness. Deeply embedded melt-freeze crusts will probably cause loose-snow avalanches.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Mountain weather today: variably cloudy skies reign on the northern flank of the Alps, often stormy winds, highly variable visibility including some sunshine. Between Lectoral Alps and Wilder Kaiser, snow and graupel showers are possible until this afternoon. In the mountain ranges towards the south, more stable conditions will prevail. Convective cloud will form, but showers will be rare. Temperature at 2000m, 0 degrees; at 3000m, -8 degrees. Strong W/SW winds in open terrain, reaching storm force in the Northern Alps.

SHORT TERM DEVELOPMENT

No significant change. Fresh drifts will form especially in northern regions.

Patrick Nairz

Translated by Jeffrey McCabe