
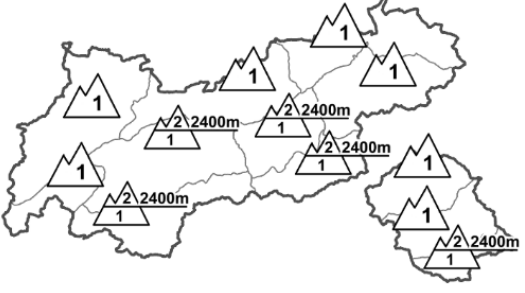
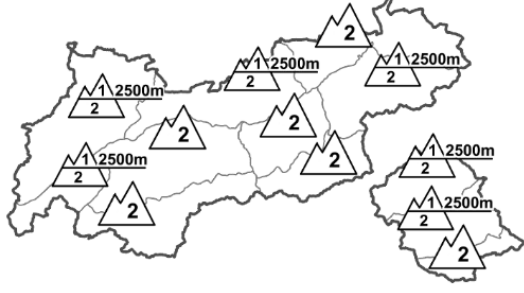









Regional Avalanche Danger Levels in alpine areas from 18.03.2016 07:30 MORNING		Regional Avalanche Danger Levels in alpine areas from 18.03.2016 07:30 AFTERNOON		Tendency tomorrow  constant
				
WHAT? - problem  persistent weak layer	WHERE? - danger spots  inneralpine (isolated cas)	WHAT? - problem  gliding snow	WHERE? - danger spots  daytime rise	General Level Tirol 

DANGER PATTERNS (DP): [dp.1 - deep persistent weak layer](#) [dp.7 - snow-poor zones in snow-rich surrounding](#) [dp.2 - gliding snow](#)

Mostly favourable conditions, few danger zones, slight daytime danger cycle

AVALANCHE DANGER

Predominantly favourable conditions prevail. Avalanche danger above 2400m is moderate in some places, otherwise mostly low. Caution is urged primarily on extremely steep, shady slopes, where in transitions from shallow to deep snow, slab avalanches can trigger, in isolated cases fracturing down to more deeply embedded layers inside the snowpack, thereby unleashing far larger avalanches (in isolated cases). As a result of intensive solar radiation, avalanche danger will increase to moderate above 2500m this afternoon. In rocky, sunny terrain, isolated spontaneous wet-snowslides can then be expected which can also be released by skiers. At the same time, the danger of gliding avalanches will increase on steep, grass-covered slopes.

SNOW LAYERING

Alternating phases of intense solar radiation during the day, including moistening snowpack surfaces, and nocturnal outgoing radiation are leading increasingly to melt-freeze crusts forming. Below about 2000m these are mostly capable of bearing loads on very steep, sunny slopes; above that altitude they are generally incapable of bearing loads. On shady slopes above 1500m, powder snow is still amply evident. In high alpine regions the snow is highly impacted by winds. With good planning, backcountry tourers could enjoy both powder and corn snow today. Caution still urged towards the weak layers inside the snowpack, riddled with (mostly encrusted) faceted snow crystals and depth hoar, most often found in inneralpine regions and in southern East Tirol above 2400m. In unfavourable circumstances, a slab avalanche could fracture down to these weakened layers.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Mountain weather today: it simply couldn't be better. Temperatures typical of March, next to no wind, cloudless skies. On sunny slopes, the snowpack will moisten superficially due to sun and warmth. Temperature at 2000m, +2 degrees; at 3000m, -6 degrees. Light northerly winds at high altitudes.

SHORT TERM DEVELOPMENT

Favourable conditions will continue, including corn and powder snow.

Patrick Nairz

Translated by Jeffrey McCabe