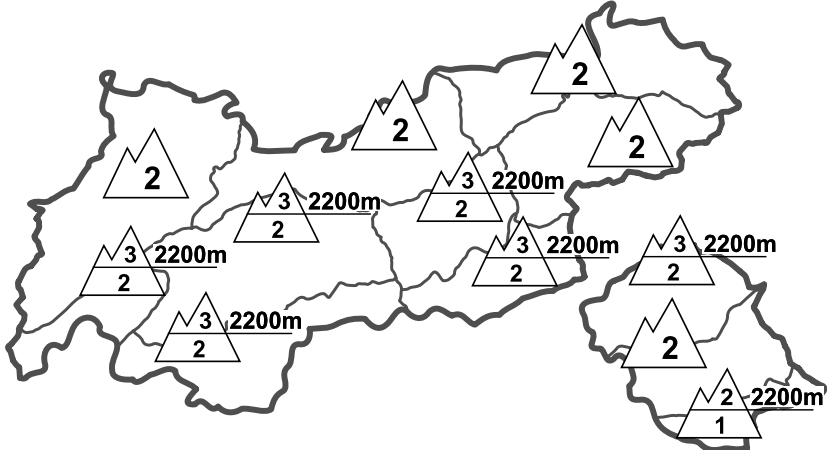

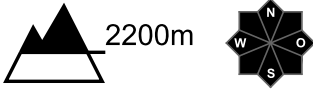








Regional Avalanche Danger Levels in alpine areas from 24.03.2018 07:30 All-Day	WHAT? problem	WHERE? danger spots
	 drifting snow	 2200m fresh, trigger-sensitive
	 old snow	 2200m faceted below crusts
	General Level Tirol 	Tendency tomorrow  constant

DANGER PATTERNS (DP): [dp.6 - loose snow and wind](#) [dp.1 - deep persistent weak layer](#)

Mostly moderate, regionally considerable, avalanche danger

AVALANCHE DANGER

Avalanche danger in Tirol's backcountry touring regions is predominantly moderate; however, danger is still considerable from region to region. The main danger stems from freshly-generated and older snowdrift accumulations. The drifts are poorly bonded with the snow base beneath them and thus, triggerable even by minimum additional loading in places. They occur on steep slopes and in ridgeline terrain above 2200 m, especially in western-to-northern-to-eastern aspects. During the course of the day on sunny slopes, loose-snow avalanches, in isolated cases slab avalanches can trigger naturally. The peril of naturally triggered gliding avalanches has receded somewhat, but still requires special caution on steep, grassy slopes below 2400 m.

SNOW LAYERING

The snowdrift accumulations of recent days formed by moderate-to-strong N/NE winds were deposited on top of loosely-packed fresh snow. Thus, the bonding to the snow base beneath them is inadequate, their proneness to triggering is high. An additional problem is found in the layers of metamorphosed (faceted) crystals beneath thin melt-freeze crusts above 2200 m in W-N-E aspects, also on sunny slopes at high altitudes. Whumpf sounds are indicators of impending danger.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Weather. Tirol lies at the southern edge of a powerful high whose center is above Germany and Poland. The Alps will be lodged in dry and tranquil air masses over the weekend, a couple of sunny days with higher temperatures lie ahead. Next week the air current will shift to W/NW. Increasingly wet weather will be the consequence until Thursday. Temperatures will recede slightly, but it will not get as cold as this last week was. Mountain weather today. Outstanding weather for backcountry tours in the mountains, sunny from the start and throughout the day, the residual fog will soon disperse. Temperatures are ideal for ski tours: at 2000 m, -6 to -1 degree; at 3000 m: -10 to -7 degrees. Light winds, but in the classic foehn lanes of North Tirol the southerly winds will be strong.

SHORT TERM DEVELOPMENT

Avalanche danger will incrementally decrease.

Rudi Mair

Translated by Jeffrey McCabe