











Regional Avalanche Danger Levels in alpine areas from 13.04.2016 07:30 MORNING		Regional Avalanche Danger Levels in alpine areas from 13.04.2016 07:30 AFTERNOON		Tendency tomorrow  constant
				
WHAT? - problem  favourable situation	WHERE? - danger spots  3600m widespread	WHAT? - problem  wet snow	WHERE? - danger spots  2500m daytime increase	General Level Tyrol 

DANGER PATTERNS (DP): [dp.10 - springtime szenario](#) [dp.3 - rain](#)

Low danger this morning, daytime rise in peril esp. where it rains

AVALANCHE DANGER

Classic springtime conditions reign once again, including a daytime danger cycle. During the morning the danger is still generally low. As of midday it gradually rises to moderate. The major peril stems from wet loose-snow avalanches which skiers can trigger in extremely steep, also sunny terrain between 2300 and 2900 m. When rainfall sets in as predicted, wet loose-snow avalanches can trigger naturally (as of this evening). This applies to all regions affected by rain in all aspects down to intermediate altitudes. As rainfall increases, the likelihood of gliding avalanches on steep, grass-covered slopes will increase as well.

SNOW LAYERING

In spite of cloud cover moving in, the snowpack had sufficient outgoing longwave radiation during the night, so a melt-freeze crust capable of bearing loads was able to form, excluding on shady, high altitude slopes. During the day, this surface crust will soften, most intensively in the regions where there will be rainfall this evening. The loss of firmness will be mostly superficial. Ground-level weak snowpack layers in the inneralpine regions could in isolated cases be further weakened. If at all, this will occur particularly on shady slopes around 2400m.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Mountain weather: This morning more than anywhere else on the Main Alpine Ridge and in the Northern Alps, still quite favourable conditions will prevail, although in the foehn lanes it will be very windy. On the southern flank of the Alps, the peaks will be hidden in fog. As of midday, convective cloud will accumulate over widespread areas and a tendency towards showers will set in. Tonight a cold front will reach us, bringing snowfall down to just below 2000m, and 10-20 cm of fresh fallen snow above the treeline. Temperature at 2000m, 3 degrees; at 3000m, -3 degrees. Moderate S/SW winds, shifting tonight to northwesterly.

SHORT TERM DEVELOPMENT

As the cold front passes through, beware fresh snowdrifts in high alpine regions.

Patrick Nairz

Translated by Jeffrey McCabe