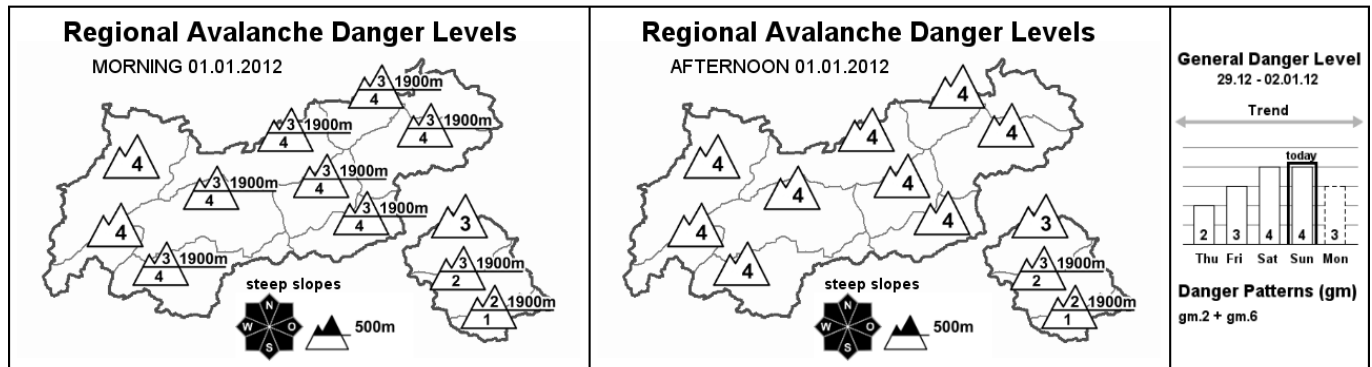


# Avalanche Bulletin

## of the Avalanche Warning Service Tyrol

Sunday, 01.01.2012, at 07:30



## Often unfavourable conditions, with high avalanche danger in North Tirol

### AVALANCHE DANGER

Unfavourable conditions prevail today. In western regions, the danger level is generally high. In remaining Tirol, the danger level below about 1900 m is also high, since the snowpack has become thoroughly wet and lost its firmness. Frequent full depth snowslides on steep, grassy slopes can be expected. Above approximately 1900 m, the danger level this morning is considerable; this afternoon, once diffuse solar radiation makes its impact, it may escalate to high. As of then, we anticipate naturally triggered slab avalanches, particularly on very steep northeast to east to south facing slopes near ridgelines above approximately 2000 m. The recently drifted snow, above all else, which has been deposited atop cold, loosely packed new fallen snow, is expected to fracture. In extremely steep, sunny terrain, in addition, wet, loosely packed snow avalanches will be released. The conditions in East Tirol are more favourable, although caution is urged in particular towards freshly formed snowdrift accumulations above the treeline.

### SNOW LAYERING

Once again, there has been heavy snowfall in Tirol. And once again, the Arlberg-Ausserfern, Silvretta and Northern Alps have borne the brunt of it, with 30 to 60 cm. Elsewhere there was generally 20 to 30 cm of new fallen snow, excluding East Tirol. A potential bed surface for slab avalanches lurks inside the snowpack at the border between the recently formed snowdrift and the cold, fresh fallen snow which lies directly beneath it. Furthermore, in the regions along the Main Alpine Ridge above approximately 2500 m, there is a fundament consisting of depth hoar.

### ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Weather in general: Drier, milder air masses are flowing into Tirol. On Monday, a brief interim of foehn wind conditions in North Tirol, followed by a northwesterly cold front quickly traversing the land. A low pressure system over the Adriatic will bring precipitation to the southern flank of the Alps. On Tuesday, conditions will improve. Mountain weather today: still foggy on the northern side of the Main Alpine Ridge this morning, with the last spurts of rainfall, with snowfall and graupel showers above about 1500 m. This afternoon, it will be dry with sunny spells. In South Tirol and southern East Tirol it will be dry and sunnier from the start. Mild, with the freezing level rising to 2500 m. Temperature at 2000 m: rising to plus 3 degrees this afternoon; at 3000 m: minus 3 degrees. Brisk northwesterly winds initially, subsequently slackening off and shifting to southwesterly this evening

### SHORT TERM DEVELOPMENT

As of tomorrow, the avalanche danger will decrease significantly; thereafter the major peril will stem from full depth snowslides at low and intermediate altitudes.

Patrick Nairz

Translated by Jeffrey McCabe