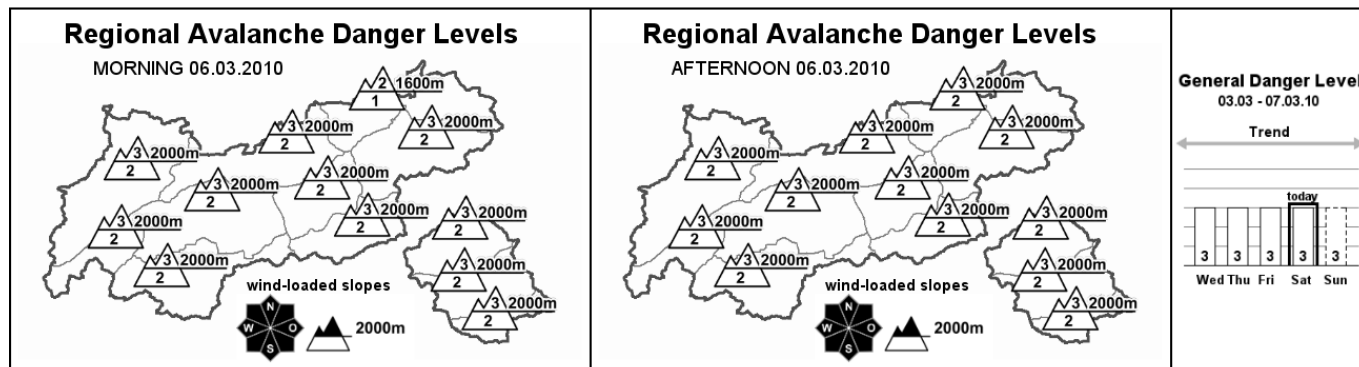


# Avalanche Bulletin

## of the Avalanche Warning Service Tyrol

Saturday, 06.03.2010, at 07:30



**Due to snowfall and wind, beware fresh snowdrift - Escalating danger in course of day!**

### AVALANCHE DANGER

The avalanche danger remains contingent on altitude. In addition to that, the danger will increase somewhat over the course of the day, due to snowfall. Above approximately 2000 m, considerable danger still prevails; below that altitude the danger is moderate; at low altitudes it is low, at least in the early part of the morning. Later in the day, the danger level will increase to moderate even at low altitudes, particularly where there is lots of snowfall and wind. Great caution is urged today towards freshly formed snowdrift accumulations which will, in the course of the day, become larger and more frequent. Thus, the likelihood of backcountry skiers or freeriders triggering this snowdrift in steep terrain will escalate correspondingly. It is increasingly perilous in areas adjacent to ridge lines, but also in steep gullies and bowls. In addition, in very steep, thus far unfrequented west-northwest to north to east-northeast facing slopes above or near the treeline, caution is also necessary. In those areas, even naturally triggered avalanches are possible during the day, particularly in western and northern regions where there has been lots of snowfall. Caution is equally required in sun bathed terrain above approximately 2400 m, where slab avalanches can still be triggered by minimum additional loading. At low altitudes this is also possible, but only through large additional loading.

### SNOW LAYERING

There was some snowfall over the course of the day yesterday, though rarely more than 10 cm. After a generally clear night, light snowfall has recommenced in Tyrol's western regions. A strong westerly wind is blowing at high altitudes, which will lead to new, trigger-sensitive snowdrift masses forming. This is more perilous than usual, since the new fallen snow is itself extremely brittle, due to the cold. In addition, the snowpack can also be released in the layer of depth hoar near the ground, particularly near the treeline and in shady terrain above it, as well as above 2400 m in all expositions. The snowpack is currently of highly varied character, even across small surface areas; at higher altitudes it has been heavily influenced by winds.

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

Deep wintery conditions prevail: the mountains are shrouded in clouds and intermittently heavy snowfall is expected during the morning hours, which will bring poor visibility in its wake. Moreover, it is quite windy. In the course of the afternoon, conditions will improve gradually. In the Dolomites and the Brenta ranges, generally dry with a bit of sunshine. Temperature at 2000 m: minus 14 degrees; at 3000 m: minus 19 degrees. Strong to stormy northwesterly winds to begin with, which will taper off significantly this afternoon.

### SHORT TERM DEVELOPMENT

Danger zones will increase in size and frequency, due to snowfall and wind.

Patrick Nairz

Translated by Jeffrey McCabe