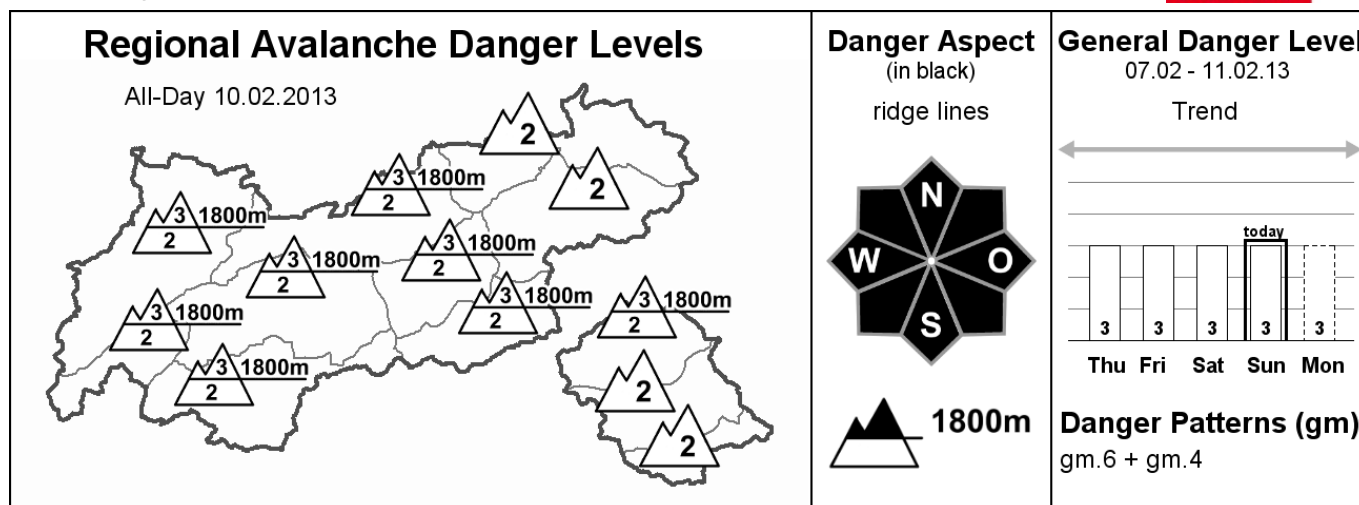


Avalanche Bulletin

of the Avalanche Warning Service Tyrol

Sunday, 10.02.2013, at 07:30



Above 1800 m considerable avalanche danger widespread

AVALANCHE DANGER

The avalanche danger in Tirol's backcountry touring regions is considerable far and wide above approximately 1800 m. The major peril stems from freshly formed and older snowdrift accumulations which, due to the persistently low temperatures, are brittle and can be triggered with relative ease as avalanches. In most cases, even minimum additional loading is sufficient, i.e. the weight of a single person. Danger zones are to be found most of all in ridgeline terrain in all aspects and in deeply drifted gullies and bowls. Caution is urged on steep slopes. Skiing and freeriding tours in outlying terrain require experience in evaluating avalanche hazards.

SNOW LAYERING

Over the last 24 hours there has been no significant snowfall except along the Northern Alps. The high altitude winds were light to moderate, bringing about little transport of the new fallen snow. But the snowfall blanketed over snowdrift accumulations which were frequently older, making them difficult to recognize in open country. The drifted masses which have built up over the course of the week are brittle and have usually been deposited atop loosely packed fresh fallen snow, making them very prone to triggering. In addition, inside the old snowpack there are often layers of faceted, unbonded snow crystals, particularly at intermediate altitudes where there are deeply embedded rain crusts, i.e. 1800 - 2300 m.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Weather: An intermediate high pressure zone is bringing improved conditions to Tirol from the west. As of Monday, a low from the Mediterranean will come our way in a southwesterly current. Particularly the southern flank of the Alps will receive precipitation by about the middle of next week. Mountain weather today: Sunny and cold, very little wind, excellent visibility which will not diminish over the course of the day, often cloudless skies. Only in East Tirol's mountains will there be intermittent cloud. Cloud will move in tonight, winds will intensify and temperatures will rise. Temperature at 2000 m: minus 14 degrees; at 3000 m: minus 23 degrees. Light, later on stronger, westerly to southwesterly winds at high altitudes.

SHORT TERM DEVELOPMENT

Considerable avalanche danger accompanied by stormy foehn winds

Rudi Mair

Translated by Jeffrey McCabe