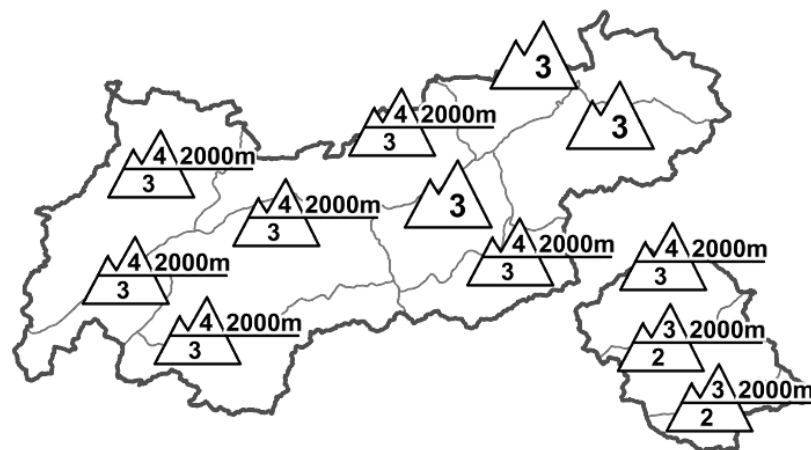


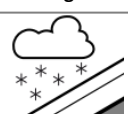







Regional Avalanche Danger Levels in alpine areas from 02.04.2015 07:30 All-Day		WHAT? problem	WHERE? danger spots
		 drifting snow	 2000m fresh, brittle!
		 new snow	 2000m critical snowmass!
		General Level Tirol 	Tendency tomorrow  constant

DANGER PATTERNS (DP): [dp.6 - loose snow and wind](#) [dp.1 - deep persistent weak layer](#) [dp.4 - cold following warm / warm following cold](#)

Avalanche danger widespread considerable, regionally high

AVALANCHE DANGER

The avalanche situation in Tirol's backcountry touring regions remains critical. The danger level persists at level "considerable" and in some regions is "high". The major peril stems to some extent from older, but most of all from freshly formed snowdrift accumulations which are ongoingly being formed anew. Due to deep wintery temperatures the drifted masses are extremely brittle and can be triggered as avalanches even by minimum additional loading. Avalanche prone locations are found on steep slopes in all aspects; in addition, remote triggerings and natural triggerings are possible. In case a releasing avalanche fractures down to the old snowpack layers and sweeps it away, it can grow to far greater size. Particularly in the regions where snowfall has been heaviest (Silvretta, Arlberg/Ausserfern, Northern Alps) the critical snow mass could be reached and exceeded today, which would stir heightened avalanche activity in its wake, endangering exposed transportation routes and ascents to alpine huts. The backcountry touring possibilities are thus extremely limited. Skiing and freeriding tours in outlying terrain make extensive experience imperative.

SNOW LAYERING

There was heavy snowfall once again yesterday. Silvretta, Arlberg/Ausserfern, Northern Alps: 30-50 cm of fresh fallen snow; Main Alpine Ridge, Tauern Ridge, inneralpine regions: 20-30 cm. In the barrier zones on the alpine flanks, more than 100 cm of fresh fallen snow has accumulated since the beginning of this week. High altitude NW winds were generally quite stormy, thus transporting the extremely light and loose new fallen snow (due to low temperatures) quite massively. Freshly formed and older snowdrift accumulations are brittle and poorly bonded with the snowbase beneath them. Particularly the transition point between new fallen and newly drifted snow is critical: very prone to trigger.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Weather: The Alps remain in the grip of a powerful NW air current which will bring yet another perturbation to Tirol today. Tomorrow, Friday, an intermediate high will make itself felt. On Saturday, the next front system will a new round of precipitation. Mountain weather today: wintery! Snowfall and storm winds in the mountains, intense wind-driven transport of new fallen snow. On the northern flank of the Alps and the Main Alpine Ridge snowfall will begin this morning in all areas, then intensify this afternoon, delivering heavy snowfall particularly to the northwestern barrier zones from Silvretta over the Arlberg and Lechtal Alps to the Karwendel: approximately 30-50 cm of fresh fallen snow is anticipated; elsewhere, generally 20-30 cm. This evening, W/NW winds will slacken, the snowfall taper off during the night. Temperature at 2000m, -5 degrees; at 3000m, -12 degrees. Storm velocity W/NW winds at high altitude, gusts reaching 100 km/hr this afternoon.

SHORT TERM DEVELOPMENT

Critical scenario will persist.

Rudi Mair

Translated by Jeffrey McCabe