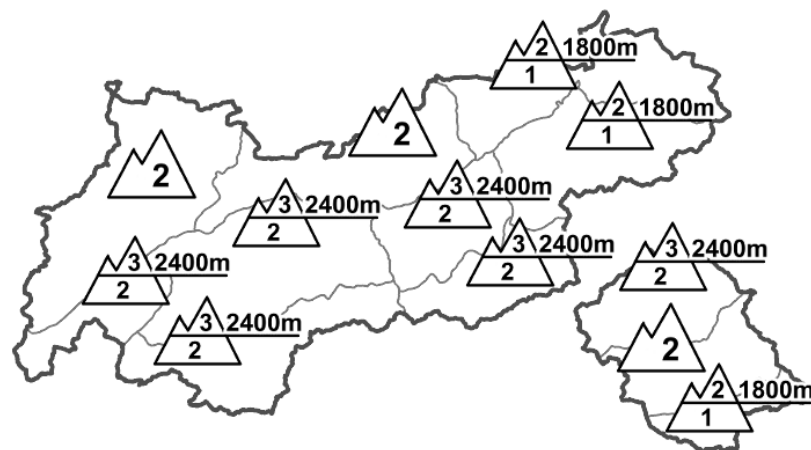



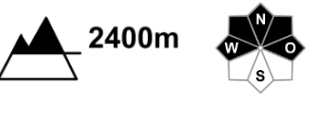






Regional Avalanche Danger Levels in alpine areas from 24.02.2016 07:30 All-Day	WHAT? problem	WHERE? danger spots
	 drifting snow	 2400m increasing with altitude
	 persistent weak layer	 2400m mostly inneralpine
	General Level Tirol 	
	Tendency tomorrow  constant	

DANGER PATTERNS (DP): [dp.6 - loose snow and wind](#) [dp.1 - deep persistent weak layer](#) [dp.7 - snow-poor zones in snow-rich surrounding](#)

Considerable danger regionally above 2400m

AVALANCHE DANGER

Avalanche danger in Tirol's backcountry touring regions is moderate widespread, above 2400m the peril is considerable from region to region. The main hazard stems from fresh, small-sized snowdrift accumulations, most of which are quite brittle and thus, can be easily triggered as avalanches. If avalanches fracture down to more deeply embedded layers of the old snowpack they can grow to large size. Avalanche prone locations are found in areas adjacent to ridgelines in all aspects above 2400m, on shady, wind-protected steep slopes and in transitions from deep to shallow snow. Lower temperatures have now reduced the peril of gliding avalanches.

SNOW LAYERING

Last night in North Tirol and along the East Tirolean Tauern Ridge there was 5-10 cm of fresh fallen snow, more from place to place. High altitude westerly winds were strong, thus whipping up and transporting the new fallen snow particularly at high altitudes. Fresh, small-sized drifts accumulated atop the loosely-packed new fallen snow and which quite prone to triggering. In addition, the poor snowpack structure more than anywhere else in inneralpine regions requires a high degree of caution: the fundament is frequently riddled with loosely-packed snow crystals. Below about 2400m the snowpack is thoroughly wet over widespread areas due to the weekend's rainfall and mild temperatures. The lower temperatures which followed have now re-stabilised it.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Weather: In the wake of a cold front which is now moving on, cold and dry air masses are moving our way from northwest to west. In the latter part of the day, a new front will arrive, part of a low pressure front over the Bay of Biscay, bringing moist air masses. Temperatures will remain low, corresponding to this juncture of the season. Mountain weather today: some snowfall has arrived which will glitter in today's sunshine. Primarily in the Allgau Alps as of midday, strong winds will hamper the pleasure in ridgeline and summit zones. Elsewhere, visibility will be (temporarily) outstanding until early afternoon. Later on, cloudbanks will move in from the west, but visibility should remain adequate until dusk. Wintery temperatures at all altitudes: at 2000m, -6 degrees; at 3000m, -14 degrees. Light to moderate W/NW winds, intensifying in the Northern Alps as of midday.

SHORT TERM DEVELOPMENT

Generally moderate avalanche danger, above 2400m regionally considerable.

Rudi Mair

Translated by Jeffrey McCabe