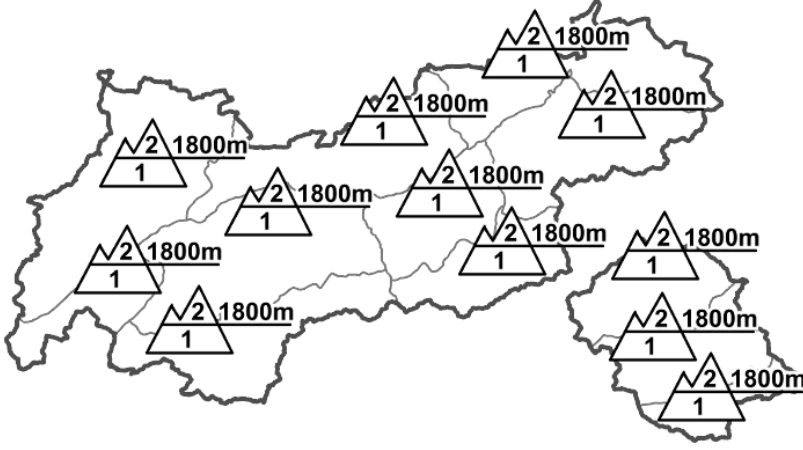












Regional Avalanche Danger Levels in alpine areas from 11.03.2015 07:30 All-Day		WHAT? problem	WHERE? danger spots
		 persistent weak layer	 1800m western regions 
		 gliding snow	 2300m western regions 
		General Level Tirol 	Tendency tomorrow  constant

DANGER PATTERNS (DP): [dp.1 - deep persistent weak layer](#) [dp.2 - gliding snow](#) [dp.7 - snow-poor zones in snow-rich surrounding](#)

Generally favourable conditions. Caution in steep, shady terrain above treeline

AVALANCHE DANGER

Predominantly favourable conditions prevail. Avalanche danger above approximately 1800 m is moderate, below that altitude low. Caution is urged primarily in very steep W/NW to N to E/NE terrain from sparsely wooded zones up to at least 2300 m, where slab avalanches can still trigger by minimum additional loading, particularly in areas where snowdrifts have recently accumulated. Elsewhere avalanches are unlikely. In isolated cases in steep terrain where the snow is shallow on W and E facing slopes above 2300 m (on south facing slopes above 2500 m) releases are possible. In western regions where snowfall has been heaviest, isolated gliding avalanches are possible.

SNOW LAYERING

Significant weak layers inside the snowpack occur most often in shady terrain above the treeline. Between hardened crusts are layers of faceted crystals which are prone to triggering. Internal tensions are receding in the superficial layers, but deeper down (where greater amounts of snowdrift accumulated recently) the snowpack can still trigger. At high altitudes, furthermore, in zones where the snow is shallow, fracture propagation is possible from nests of depth hoar embedded inside the snowpack. Snow quality is highly varied: powder is becoming rare; melt-freeze crusts more frequent. On sunny slopes the snowpack is capable of bearing loads.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Mountain weather today: a cold front is bringing fog and snow showers until this afternoon, only sporadic on the Zugspitze and Wildspitze, while Tux and Kitzbühel Alps will get about 10 cm of fresh fallen snow by this evening. This afternoon more extensive bright intervals are anticipated, particularly on the Main Alpine Ridge west of the Brenner, but cold air masses will be felt everywhere. Sunny and dry south of the Main Alpine Ridge once the high altitude cloud has withdrawn. Temperature at 2000m, -6 degrees, at 3000m, -11 degrees. Light northwesterly winds, brisker in high altitude ridgeline terrain.

SHORT TERM DEVELOPMENT

Favourable conditions will continue. Small, fresh snowdrift accumulations in high alpine regions.

Patrick Nairz

Translated by Jeffrey McCabe