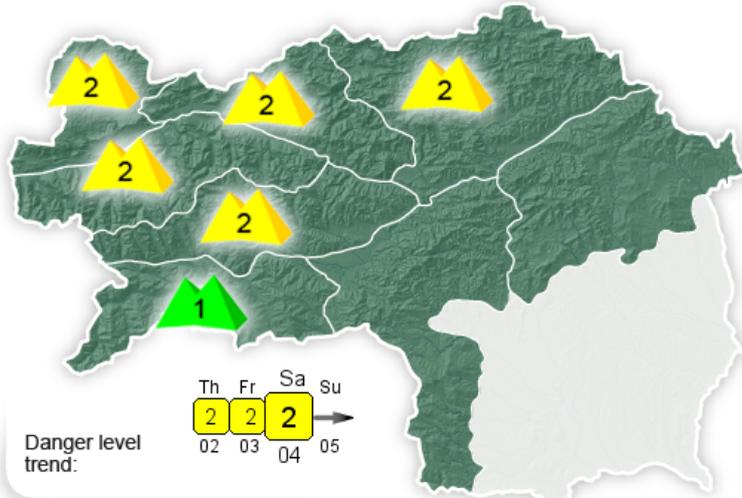




Avalanche Bulletin

made by LWD Styria for , 03.05.2019
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- Regions**
- R1 Northern barrier region:**
 - a) Northern Alps, West
 - b) Central Sector of Northern Alps
 - c) Northern Alps, East
 - d) Niedere Tauern, North
 - R2 Transitional region and Southern massifs:**
 - e) Niedere Tauern, South
 - f) Styrian Border Range, East
 - g) Styrian Border Range, West
 - h) Gurk- and Seetal Alps



	high altitude	all day
WHAT? are the major problems	drifting snow	wet snow
WHERE? are the problems	most affected	most affected
HOW? are avalanches triggered	caused by high additional loading	Naturally triggered avalanches can be expected
WHY? did these problems arise	Bed surface at transition line to old snowpack	Bed surface in old snow - partly wet/thoroughly wet

Re-entry of winter, unfavourable backcountry conditions on the weekend. High-altitude snowdrifts.

Avalanche Danger

Avalanche danger in Upper Styria will be moderate over the weekend. The major problem varies with altitude. At high altitudes above 1800 m, the main risk stems from fresh snowdrifts on N/E/W facing slopes, most of which will be triggerable by large additional loading, releasing slab avalanches. At altitudes below that level, naturally triggered wet-snow and glide-snow avalanches are possible in all aspects at any time of day or night. They can grow to large size. In addition, poor visibility will prevail throughout the weekend, making recognition of danger zones on-site much more difficult.

Snow Layering

Fresh snow and freshly generated snowdrifts were deposited on north and east-facing slopes on Saturday as a result of SW winds; on Sunday, northerly storm winds will deposit drifts on south-facing slopes. The fresh snowdrifts are being deposited on top of an encrusted, brittle old snowpack surface or atop brittle drifts generated over the last few days; their bonding is only adequate. At intermediate altitudes, fresh snow is being deposited atop a thoroughly wet old snowpack surface, with which it is bonding well. However, due to the rainfall, weak layers can form; this will enhance the natural release of the snowpack as a wet-snow avalanche.

Alpine Weather Forecast

The mountains will be concealed in cloud all day long on Saturday, often also in fog. Rainfall and snowfall will be light to moderate. The snowfall level will lie between 1300 and 1600 m. Winds will be moderate from south to southwest. The temperature at 2000 m will be -2 degrees. On Saturday night, cold air masses will flood our way. Thus, the precipitation will turn to snowfall even below 1000 m.

Short Term Development

On Sunday, conditions will turn wintery again. Lots of cloud cover and fog, moderate snowfall. In the barrier-cloud regions of the Northern Alps, snowfall will be persistent, frequently heavy. All in all, 20 to 30 cm of fresh snow is possible on Sunday. A NW storm-force wind will be blowing. The temperature at 2000 m will be -8 degrees. Additional snowdrift accumulations will form, depositing trigger-sensitive drifts on north-facing slopes and subsequently, on south-facing slopes. Also on Monday, further moderate precipitation can be expected, with the snowfall level at 1200 m. On Tuesday, weather conditions are expected to improve for a bit.

The daily Avalanche Bulletins are hereby at an end for this season.

Lisa Jöbstl

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Danger level:

low	moderate	considerable	high	very high	altitude variability	daytime cycle
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