

# Avalanche Bulletin

## of the Avalanche Warning Service Tyrol

Thursday, 16.04.2009, at 07:30



Allgemeine Gefahrenstufe: 2

R2 Westliche Nordalpen	am: < 2400m 1 , > 2400m 1 pm: < 2400m 2 , > 2400m 2	R1 Arlberg-Außerfern	am: < 2400m 1 , > 2400m 1 pm: < 2400m 2 , > 2400m 2
R4 Silvretta-Samnaun	am: < 2400m 1 , > 2400m 1 pm: < 2400m 2 , > 2400m 2	R3 Östliche Nordalpen	am: < 2400m 1 , > 2400m 1 pm: < 2400m 2 , > 2400m 2
R6 Tuxer Alpen	am: < 2400m 1 , > 2400m 1 pm: < 2400m 2 , > 2400m 2	R5 Nördliche Ötztaler und Stubai Alpen	am: < 2400m 1 , > 2400m 1 pm: < 2400m 2 , > 2400m 2
R8 Südliche Ötztaler und Stubai Alpen	am: < 2400m 1 , > 2400m 1 pm: < 2400m 2 , > 2400m 2	R7 Kitzbüheler Alpen	am: < 2400m 1 , > 2400m 1 pm: < 2400m 2 , > 2400m 2
R10 Osttiroler Tauern	am: < 2400m 1 , > 2400m 1 pm: < 2400m 2 , > 2400m 2	R9 Zillertaler Alpen	am: < 2400m 1 , > 2400m 1 pm: < 2400m 2 , > 2400m 2
R12 Osttiroler Dolomiten	am: < 2400m 1 , > 2400m 1 pm: < 2400m 2 , > 2400m 2	R11 Zentral Osttirol	am: < 2400m 1 , > 2400m 1 pm: < 2400m 2 , > 2400m 2

**Avalanche prone locations (am):** N,NO,NW>2800

**Avalanche prone locations (pm):** N,NO,O,SO,S,SW,W,NW<2400

## ESCALATING AVALANCHE DANGER OVER THE COURSE OF THE DAY

### AVALANCHE DANGER

Springlike conditions still reign in Tyrol's backcountry touring regions today: low avalanche hazards in the early hours, the danger then rising to "moderate". Avalanche prone locations for wet snow avalanches are to be found on steep slopes in all expositions, especially below about 2400 m. The danger of natural avalanches has subsided, but full depth snowslides are still possible. Avalanche prone locations for dry, slab avalanches are to be found on steep, northwest to north to northeast facing slopes above about 2800 m. This danger will increase over the course of the day in areas exposed to foehn influence, due to the stormy southerly winds.

### SNOW LAYERING

Two weeks of beautiful weather, including springlike temperatures and strong solar radiation, have pushed the snowline to higher altitudes, although the snow depths are still greater than average for the season. Avalanche activity has significantly receded, compared to last week. Following a generally clear night, or with minimal clouds, good outgoing longwave radiation has created a melt-freeze crust capable of bearing loads in the early morning hours. Solar radiation and the daytime warming cycle will soften it quickly and the snowpack will forfeit its firmness.

### ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

General weather conditions: in the vanguard of a cold front, we are still dominated by foehn today. Tomorrow the cold front will strike in the early part of the day and bring markedly lower temperatures. On the weekend, little disparity in air pressure over Central Europe, thus instable conditions, but there will be some sunshine and the summits will be clear, primarily in the Lower Inn Valley. On the Main Alpine Ridge, barrier clouds will increase as of midday and scattered showers are possible this afternoon, with the snowfall level at 2000 m. The bright spells south of the Main Alpine Ridge will close from the west, as of midday, showers are possible. Towards evening, heavy precipitation is anticipated in southern regions, with the snowfall level dropping towards 1400 m. Temperature at 2000 m: plus 2 to plus 6 degrees, cooling to minus 1 degree during the night; at 3000 m: minus 4 degrees. Moderate to strong southerly winds, on foehn-exposed mountains the winds will be stormy.

### SHORT TERM DEVELOPMENT

Variable weather conditions. The springlike firn snow conditions are at an end.

Rudi Mair

Translated by Jeffrey McCabe