





## **AVALANCHE BULLETIN** n.22 the 29 December 2017



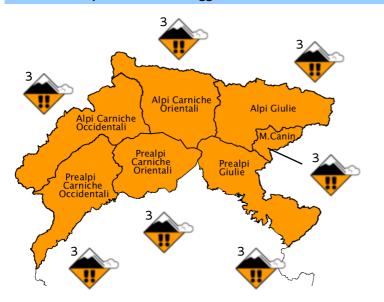




Situation of 29 December 2017 edition of the hours 14-next update 02-01-2018 hours 14, forecaster: AAB

reliability: 80%

#### Possible both spontaneous and triggered avalanches, even with low overload.











Thermal Zero: 800 m T.average 1000: -2 °C T.average 2000: -9 °C

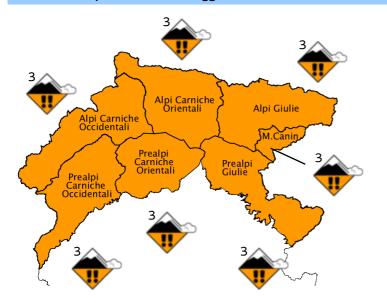
Weather by OSMER - ARPA FVG: Partly cloudy.

Station	quota (m)	snow depth (cm)	fresh snow (cm)	Tmin (°C)	Tmax (°C)
RIFUGIO TAMAI - ZONCOLAN	1750	118	0	-8,2	-3,6
VARMOST M.TE SIMONE	1870	127	0	-9,5	-5,2
SELLA NEVEA - LIVINAL LUNC	1837	253	0	-9,7	-4,3
PIANCAVALLO	1280	40	1	-4,8	1,1
TARVISIO	800	20	0	-2,2	1,9

Snow cover conditions and avalanche danger: 80/100 cm of new snow not consolidated yet above 1500 m; with the low-pressure area there were strong southern winds, which formed considerable accumulations on all aspects. Intense avalanche activity until Thursday, still possible spontaneous mediumsized avalanches on sides, couloirs and slopes, which have not released yet. Possible releases to the valley floor on steep green southern slopes at low and middle altitude. The weak layers of the old snow cover did not facilitate a bond with the new snow; so possible release of an avalanche, even medium-sized, triggered by a single skier/hiker on steep slopes above 1500 m (especially to the northern aspects). Forecast danger level: 3 (considerable) across the whole territory.

### Forecast for Saturday 30 December 2017, reliability: 70%

## Possible both spontaneous and triggered avalanches, even with low overload.



Alpi Carniche occ., Prealpi Carniche occ., Prealpi Carniche orient., Alpi Carniche orient., Alpi Giulie, M. Canin, Prealpi Giulie







0 . NW 40 km/h



Thermal Zero: 700 m T.average 1000: -2 °C T.average 2000: -2 °C

#### Weather by OSMER - ARPA FVG: Overcast and slight snowfall, especially on

upper Carnia until the valley floor.

Snow cover conditions and avalanche danger: Possible slight snowfall (5 to 10 cm) during the morning, especially near the border ridges. Still instability due to the weak layers of the snow cover, which could facilitate the release of slabs triggered by a single skier/hiker, above 1500 m and especially to the northern aspects. Temperature increase from the late afternoon, thermal zero increase at 2800 m; this could add weight to the snow cover and cloud therefore fuel the avalanche activity, especially on sides and on steeper slopes above the tree line. Sometimes possible releases of medium-sized avalanches. Forecast danger level: 3 (considerable) across the whole territory.









## AVALANCHE BULLETIN n.22 the 29 December 2017

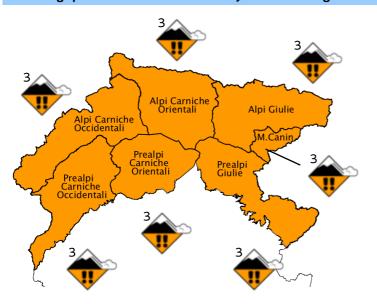






## Forecast for Sunday 31 December 2017, reliability: 60%

#### Increasing spontaneous avalanche activity due to a strong thermal increase at altitude.



Alpi Carniche occ., Prealpi Carniche occ., Prealpi Carniche orient., Alpi







SW 40 km/h



Thermal Zero: 2700 m T.average 1000: 0 °C T.average 2000: 2 °C

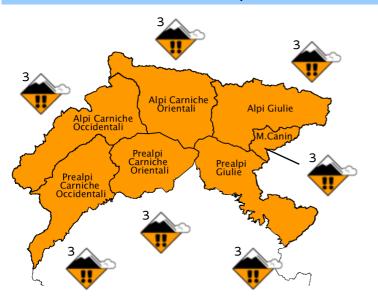
#### Weather by OSMER - ARPA FVG:

Clear sky-few cloudy in the morning. Increasing cloudiness on the Prealps during the day. Strong thermal inversion.

Snow cover conditions and avalanche danger: A strong thermal inversion causes a strong temperature increase with temperatures above zero up to the highest altitudes and thermal zero around 3000 m. This could weaken the superficial layers of the snow cover and also the spontaneous avalanche activity above the tree line, especially on sunny aspects and during the warmer hours. Possible even medium-sized avalanches, which could locally affect the practicability above 1200-1400 m. Still instability due to the weak layers of the snow cover, which could facilitate the release of slabs triggered by a single skier/hiker above 1500 m. Forecast danger level: 3 (considerable) across the whole territory.

### Forecast for Monday 01 January 2018, reliability: 60%

#### Thermal decrease and moderate snowfall, possible local releases triggered with low overload.



Alpi Carniche occ., Prealpi Carniche occ., Prealpi Carniche orient., Alpi Carniche orient., Alpi Giulie, M. Canin, Prealpi Giulie







SW 30 km/h

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Thermal Zero: 1400 m T.average 1000: 1 °C T.average 2000: -3 °C

#### Weather by OSMER - ARPA FVG:

Overcast, slight or moderate precipitations, more consistent to the East. Snow line: 500-800m.

Snow cover conditions and avalanche danger: xpected new worsening: moderate precipitations (10 to 20 cm), more consistent precipitations to the East. The thermal decrease facilitates the slow and gradual consolidation of the old snow cover, especially below the tree line. At altitude the South-western winds could form small-sized accumulations of new snow, which are locally unstable. Still possible release of slab avalanches triggered by a single skier/hiker above 1800 m and especially to the northern aspects and on steeper slopes. The spontaneous avalanche activity has been decreasing compared with the activity of the past few days because of the expected thermal decrease. Possible mainly releases and small-sized avalanches on sides and on steeper slopes. Forecast danger level: 3 (considerable) across the whole territory.





















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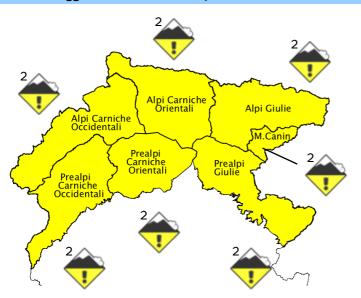






## Forecast for Tuesday 02 January 2018, reliability: 50%

## Possible triggered avalanches, locally with low overload.



Alpi Carniche occ., Prealpi Carniche occ., Prealpi Carniche orient., Alpi







N 40 km/h



Thermal Zero: 1000 m T.average 1000: 0 °C T.average 2000: -4 °C

#### Weather by OSMER - ARPA FVG:

Residual cloudiness in the morning to the East, later clear sky or partly cloudy everywhere.

Snow cover conditions and avalanche danger: Possible triggered slab releases with a generally high overload above 1800 m, where there are some wind drift accumulations; not to be excluded a low overload (a single skier/hiker) to the North, on steep slopes and especially near ridges and in the areas where the gradient strongly changes. The gradual improvement of the snow cover stability reduces the possibility of spontaneous releases; however releases and small-sized avalanches on sides and on steeper slopes, especially to the sunny aspects may still occur. Forecast danger level: 2 (moderate) across the whole territory.













