

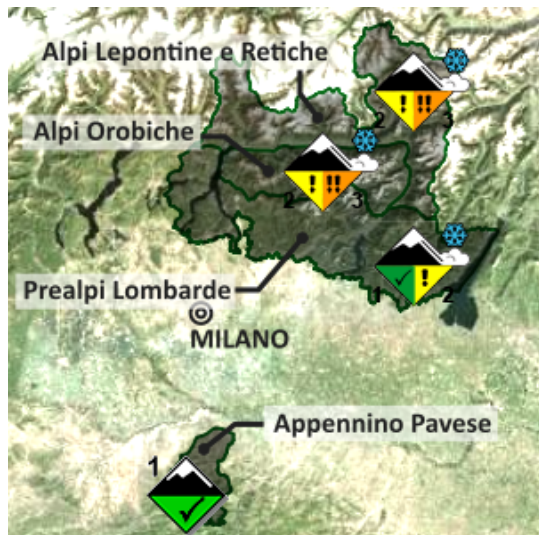
## Sector ALPI CENTRALI E PREALPI LOMBARDE - APPENNINO PAVESE

AVALANCHE BULLETIN - ISSUED AT 14:00 on 17/01/2024  
by Servizio METEOMONT dell'ARMA dei CARABINIERI  
in collaboration with Italian Air Force Meteorological Service

SITUATION at 14:00 on 17/01/2024

Danger level: FROM LOW1 TO CONSIDERABLE 3.

DANGER PATTERNS : OLD SNOW - COLD FOLLOWING WARM. WARM FOLLOWING COLD. NEW SNOW - SNOWFALL AFTER A LONG PERIOD OF COLD.



| Subsector        | Avalanche problems | Critical Aspects | Critical altitude | Snow line (m.a.s.l.) |       | Snow depth |              |                      |
|------------------|--------------------|------------------|-------------------|----------------------|-------|------------|--------------|----------------------|
|                  |                    |                  |                   | North                | South | Snow cm.   | New snow cm. | Elevation (m.a.s.l.) |
| Alpi Retiche     |                    |                  |                   | 1300                 | 1500  | 51-80      | 001          | 2000                 |
| Alpi Orobie      |                    |                  |                   | 1300                 | 1500  | 19-34      | 0            | 1800                 |
| Prealpi Lombarde |                    |                  |                   | 1300                 | 1400  | 28-32      | 002          | 1700                 |
| Appennino Pavese |                    |                  |                   | 1300                 | 1300  | 008        | 0            | 1450                 |

**SNOWPACK** Thin breakable melt-freeze crusts alternating with dry snow layers with poor cohesion on moderately bonded layers containing wind crusts. The snowpack is generally moderately bonded on many slopes.

### FORECAST for

| Subsector        | 18/01/2024   |                    |                  |                   | 19/01/2024   |                    |                  |                   | 20/01/2024   |                    |                  |                   |
|------------------|--------------|--------------------|------------------|-------------------|--------------|--------------------|------------------|-------------------|--------------|--------------------|------------------|-------------------|
|                  | Danger level | Avalanche problems | Critical Aspects | Critical altitude | Danger level | Avalanche problems | Critical Aspects | Critical altitude | Danger level | Avalanche problems | Critical Aspects | Critical altitude |
| Alpi Retiche     | 3            |                    | ALL              |                   | 3            |                    | ALL              |                   | 3            |                    | ALL              |                   |
| Alpi Orobie      | 3            |                    | ALL              |                   | 3            |                    | ALL              |                   | 3            |                    | ALL              |                   |
| Prealpi Lombarde | 2            |                    |                  |                   | 2            |                    |                  |                   | 2            |                    |                  |                   |
| Appennino Pavese | 1            |                    |                  |                   | 1            |                    |                  |                   | 1            |                    |                  |                   |

### EUROPEAN AVALANCHE WARNING SERVICE



### AVALANCHE PROBLEMS



### WARNING

Due to severe weather conditions forecast, outdoor activities beyond the maintained and marked tracks are restricted. If practiced, expertise in the evaluation of local danger points is required.

According to EAWS standards Meteomont bulletin is a synoptic-scale system (regional scale). It shall be the user's responsibility to correlate the danger level evaluation of the bulletin with a detailed and expertise analysis of the zonal hazards (single slope), that could be markedly different. Meteorological forecast are issued at UTC (for Italy: in winter time UTC+1; in summer time UTC+2).

Bulletin is subjected to check processes through: the record of Observers and Avalanches and snow Experts data in C-Sifa; the validation by forecasters; the certification by Meteomont Section.

<https://meteomont.carabinieri.it>



















[meteomont@carabinieri.it](mailto:meteomont@carabinieri.it)

numero verde ambientale 1515

Pag. 1

**Sector ALPI CENTRALI E PREALPI LOMBARDE - APPENNINO PAVESE**

 WEATHER FORECAST for - AVALANCHE BULLETIN - ISSUED AT 14:00 on 17/01/2024  
 by Italian Air Force Meteorological Service

| SUBSECTOR ALPI RETICHE     |              |   |   |   |   |   |   |
|----------------------------|--------------|---|---|---|---|---|---|
| Elevation (m.a.s.l.)       |              | 18/01/2024 h6:00  | 18/01/2024 h12:00   | 18/01/2024 h18:00   | 19/01/2024 h6:00  | 19/01/2024 h12:00   | 19/01/2024 h18:00   |
| 1000                       | Wind         | 01 Knots from N-East  | 01 Knots from East  | 00 Calm   | 04 Knots from N-West  | 03 Knots from N-West  | 02 Knots from North   |
|                            | Temperatures | +01 °C  | +01 °C  | +01 °C  | -06 °C  | -09 °C  | -11 °C  |
|                            | Feels like   | 2 °C  | 2 °C  | 14 °C   | -10 °C  | -12 °C  | -13 °C  |
| 2000                       | Wind         | 01 Knots from N-East  | 01 Knots from East  | 00 Calm   | 04 Knots from N-West  | 03 Knots from N-West  | 02 Knots from North   |
|                            | Temperatures | +01 °C  | +01 °C  | +01 °C  | -06 °C  | -09 °C  | -11 °C  |
|                            | Feels like   | 2 °C  | 2 °C  | 14 °C   | -10 °C  | -12 °C  | -13 °C  |
| 3000                       | Wind         | 05 Knots from S-West  | 05 Knots from S-West  | 03 Knots from West  | 01 Knots from South   | 04 Knots from North   | 03 Knots from North   |
|                            | Temperatures | -05 °C  | -05 °C  | -05 °C  | -12 °C  | -15 °C  | -18 °C  |
|                            | Feels like   | -9 °C   | -9 °C   | -8 °C   | -12 °C  | -20 °C  | -22 °C  |
| Freezing level             |              | 1500-1700 m.  | 1500-1700 m.  | 1500-1700 m.  | 1000-1200 m.  | 0600-0800 m.  | 0300-0500 m.  |
| Atmospheric phenomenon     |              | —   | —   | —   | —   | —   | —   |
| Sky condition              |              |    |    |    |    |    |    |
| SUBSECTOR ALPI OROBICHE    |              |   |   |   |   |   |   |
| Elevation (m.a.s.l.)       |              | 18/01/2024 h6:00  | 18/01/2024 h12:00   | 18/01/2024 h18:00   | 19/01/2024 h6:00  | 19/01/2024 h12:00   | 19/01/2024 h18:00   |
| 1000                       | Wind         | 01 Knots from N-East  | 00 Calm   | 00 Calm   | 04 Knots from North   | 03 Knots from North   | 03 Knots from North   |
|                            | Temperatures | +01 °C  | +01 °C  | +03 °C  | -03 °C  | -07 °C  | -10 °C  |
|                            | Feels like   | 2 °C  | 14 °C   | 15 °C   | -6 °C   | -10 °C  | -13 °C  |
| 2000                       | Wind         | 01 Knots from West  | 03 Knots from West  | 01 Knots from West  | 06 Knots from North   | 06 Knots from North   | 06 Knots from North   |
|                            | Temperatures | +01 °C  | +01 °C  | +01 °C  | -04 °C  | -08 °C  | -10 °C  |
|                            | Feels like   | 2 °C  | -1 °C   | 2 °C  | -8 °C   | -13 °C  | -16 °C  |
| 3000                       | Wind         | 14 Knots from West  | 12 Knots from West  | 11 Knots from West  | 05 Knots from S-West  | 07 Knots from West  | 07 Knots from North   |
|                            | Temperatures | -04 °C  | -05 °C  | -04 °C  | -10 °C  | -15 °C  | -17 °C  |
|                            | Feels like   | -11 °C  | -12 °C  | -10 °C  | -15 °C  | -22 °C  | -25 °C  |
| Freezing level             |              | 2000-2200 m.  | 2100-2300 m.  | 1900-2100 m.  | 1200-1400 m.  | 0700-0900 m.  | 0200-0400 m.  |
| Atmospheric phenomenon     |              | —   | —   | —   | —   | —   | —   |
| Sky condition              |              |  |  |  |  |  |  |
| SUBSECTOR PREALPI LOMBARDE |              |   |   |   |   |   |   |
| Elevation (m.a.s.l.)       |              | 18/01/2024 h6:00  | 18/01/2024 h12:00   | 18/01/2024 h18:00   | 19/01/2024 h6:00  | 19/01/2024 h12:00   | 19/01/2024 h18:00   |
| 1000                       | Wind         | 01 Knots from S-East  | 01 Knots from S-East  | 02 Knots from North   | 04 Knots from North   | 03 Knots from North   | 03 Knots from North   |
|                            | Temperatures | +01 °C  | +01 °C  | +03 °C  | -04 °C  | -06 °C  | -09 °C  |
|                            | Feels like   | 2 °C  | 2 °C  | 2 °C  | -7 °C   | -9 °C   | -12 °C  |
| 2000                       | Wind         | 02 Knots from West  | 01 Knots from South   | 03 Knots from N-West  | 08 Knots from North   | 05 Knots from North   | 04 Knots from North   |
|                            | Temperatures | +02 °C  | +01 °C  | +02 °C  | -05 °C  | -08 °C  | -10 °C  |
|                            | Feels like   | 1 °C  | 2 °C  | 0 °C  | -11 °C  | -13 °C  | -14 °C  |
| 3000                       | Wind         | 15 Knots from West  | 10 Knots from West  | 10 Knots from West  | 06 Knots from S-West  | 04 Knots from West  | 03 Knots from North   |
|                            | Temperatures | -05 °C  | -05 °C  | -04 °C  | -10 °C  | -14 °C  | -17 °C  |
|                            | Feels like   | -13 °C  | -11 °C  | -10 °C  | -16 °C  | -19 °C  | -21 °C  |
| Freezing level             |              | 1600-1800 m.  | 2100-2300 m.  | 1900-2100 m.  | 1000-1200 m.  | 0700-0900 m.  | 0200-0400 m.  |
| Atmospheric phenomenon     |              | —   | —   | —   | —   | —   | —   |
| Sky condition              |              |  |  |  |  |  |  |

According to EAWS standards Meteomont bulletin is a synoptic-scale system (regional scale). It shall be the user's responsibility to correlate the danger level evaluation of the bulletin with a detailed and expertise analysis of the zonal hazards (single slope), that could be markedly different. Meteorological forecast are issued at UTC (for Italy: in winter time UTC+1; in summer time UTC+2).

Bulletin is subjected to check processes through: the record of Observers and Avalanches and snow Experts data in C-Sifa; the validation by forecasters; the certification by Meteomont Section.

<https://meteomont.carabinieri.it>

[meteomont@carabinieri.it](mailto:meteomont@carabinieri.it)









numero verde ambientale 1515

Pag. 2




**Sector ALPI CENTRALI E PREALPI LOMBARDE - APPENNINO PAVESE**

WEATHER FORECAST for - AVALANCHE BULLETIN - ISSUED AT 14:00 on 17/01/2024  
by **Italian Air Force Meteorological Service**

**SUBSECTOR APPENNINO PAVESE**

| Elevation (m.a.s.l.)   |              | 18/01/2024 h6:00  | 18/01/2024 h12:00   | 18/01/2024 h18:00   | 19/01/2024 h6:00  | 19/01/2024 h12:00   | 19/01/2024 h18:00   |
|------------------------|--------------|---|---|---|---|---|---|
| 1000                   | Wind         | 03 Knots from S-West  | 03 Knots from S-West  | 03 Knots from S-West  | 01 Knots from N-West  | 06 Knots from East  | 05 Knots from East  |
|                        | Temperatures | +05 °C  | +07 °C  | +07 °C  | +04 °C  | -02 °C  | -04 °C  |
|                        | Feels like   | 4 °C  | 6 °C  | 6 °C  | 5 °C  | -6 °C   | -8 °C   |
| 2000                   | Wind         | 13 Knots from West  | 15 Knots from West  | 12 Knots from West  | 01 Knots from North   | 12 Knots from N-East  | 12 Knots from N-East  |
|                        | Temperatures | +05 °C  | +04 °C  | +04 °C  | +00 °C  | -04 °C  | -08 °C  |
|                        | Feels like   | 1 °C  | -1 °C   | 0 °C  | 1 °C  | -11 °C  | -16 °C  |
| 3000                   | Wind         | 14 Knots from West  | 12 Knots from West  | 10 Knots from West  | 13 Knots from West  | 09 Knots from N-West  | 06 Knots from North   |
|                        | Temperatures | -03 °C  | -03 °C  | -03 °C  | -06 °C  | -10 °C  | -14 °C  |
|                        | Feels like   | -10 °C  | -9 °C   | -9 °C   | -13 °C  | -17 °C  | -20 °C  |
| Freezing level         |              | 2500-2700 m.  | 2400-2600 m.  | 2400-2600 m.  | 1800-2000 m.  | 0900-1100 m.  | 0500-0700 m.  |
| Atmospheric phenomenon |              | —   | —   | —   | —   |  |  |
| Sky condition          |              |  |  |  |  |  |  |

**MAP LEGEND (WEATHER SYMBOLS)**

|   |                                      |   |                   |   |                |   |            |   |               |   |            |   |              |
|---|--------------------------------------|---|-------------------|---|----------------|---|------------|---|---------------|---|------------|---|--------------|
|    | Absence of adverse weather phenomena |    | Fog               |    | Mist           |  | Light rain |  | Moderate rain |  | Heavy rain |  | Thunderstorm |
|  | Weak snowfall                        |  | Moderate snowfall |  | Heavy snowfall |   |            |   |               |   |            |   |              |

**MAP LEGEND (SKY CONDITION SYMBOLS)**

|   |       |   |               |   |        |   |               |   |          |
|---|-------|---|---------------|---|--------|---|---------------|---|----------|
|  | Clear |  | Partly cloudy |  | Cloudy |  | Mostly cloudy |  | Overcast |
|---|-------|---|---------------|---|--------|---|---------------|---|----------|

**Weather and snow data recorded during field and out of field observations on 17/01/2024**

| Observation field   | District                          | Elevation (m.a.s.l.) | Snow depth (cm) | Snowfall in previous 24 hours (cm) | Temp. Min (°C) | Temp. Max (°C) | General weather conditions             |
|---------------------|-----------------------------------|----------------------|-----------------|------------------------------------|----------------|----------------|--|
| BORMIO2000-LECCIONA | Valdisotto (SO)                   | 2050                 | 80              | 0                                  | -5             | 0              | Absence of rain or other precipitation |
| CORTEBONA *         | Vione (BS)                        | 1806                 | 44              | 0                                  | N.P.           | N.P.           | Precipitation on the horizon           |
| VALAR               | Valdidentro (SO)                  | 1930                 | 78              | Snow traces                        | -10            | +9             | Continuous light snow                  |
| PLAGHERA *          | Valfurva (SO)                     | 2010                 | 68              | 0                                  | N.P.           | N.P.           | Precipitation on the horizon           |
| PIANI DI BOBBIO     | Barzio (LC)                       | 1724                 | 32              | 1                                  | -8             | +6             | Continuous light snow                  |
| MOTTA ALTA          | Campodolcino (SO)                 | 1740                 | 48              | 0                                  | -4             | -4             | Absence of rain or other precipitation |
| ALPE PALU'          | Chiesa in Valmalenco (SO)         | 2010                 | 80              | 1                                  | -9             | -1             | Precipitation on the horizon           |
| BASSINALE           | Artogne (BS)                      | 1782                 | 28              | 2                                  | N.P.           | N.P.           | Absence of rain or other precipitation |
| PREDA               | Edolo (BS)                        | 1580                 | 22              | 0                                  | -2             | +5             | Absence of rain or other precipitation |
| CIMA VALZELLI       | Castione della Presolana (BG)     | 1622                 | 19              | 0                                  | N.P.           | N.P.           | Continuous light snow                  |
| VODALA              | Gromo (BG)                        | 1635                 | 34              | Snow traces                        | N.P.           | N.P.           | Intermittent light snow                |
| PASSO MANIVA        | Collio (BS)                       | 1751                 | 31              | 1                                  | -8             | +3             | Absence of rain or other precipitation |
| RIFUGIO BRUNO       | Alta Valle Intelvi (CO)           | 1156                 | 14              | Snow traces                        | -1             | +9             | Intermittent light snow                |
| COLONIA VIGILI      | Ponte di Legno (BS)               | 1640                 | 51              | 0                                  | N.P.           | N.P.           | Absence of rain or other precipitation |
| PIAN DEL POGGIO     | Santa Margherita di Staffora (PV) | 1441                 | 8               | 0                                  | N.P.           | N.P.           | Light rain                             |

(\*) Out of field survey

According to EAWS standards Meteomont bulletin is a synoptic-scale system (regional scale). It shall be the user's responsibility to correlate the danger level evaluation of the bulletin with a detailed and expertise analysis of the zonal hazards (single slope), that could be markedly different. Meteorological forecast are issued at UTC (for Italy: in winter time UTC+1; in summer time UTC+2).

Bulletin is subjected to check processes through: the record of Observers and Avalanches and snow Experts data in C-Sifa; the validation by forecasters; the certification by Meteomont Section.

<https://meteomont.carabinieri.it>

[meteomont@carabinieri.it](mailto:meteomont@carabinieri.it)

numero verde ambientale 1515

Pag. 3

**Sector ALPI CENTRALI E PREALPI LOMBARDE - APPENNINO PAVESE**

WEATHER FORECAST for - AVALANCHE BULLETIN - ISSUED AT 14:00 on 17/01/2024  
by **Italian Air Force Meteorological Service**

**INFORMATION MEANS PREVENTION - SCAN QR CODE TO KNOW DAILY AVALANCHE DANGER LEVEL!**



IL CAPO DEL  
CENTRO NAZIONALE METEOMONT  
(Ten.Col.RFI Vincenzo Romeo)  
FIRMA AUTOGRAFA OMESSA AI SENSI  
DELL'ART.3 DEL D.LGS N.39/1993