











AVALANCHE BULLETIN - ISSUED AT 14:00 on 20/12/2023 by Servizio METEOMONT dell'ARMA dei CARABINIERI in collaboration with Italian Air Force Meteorogical Service

SITUATION at 14:00 on 20/12/2023

Danger level: FROM LOW1 TO CONSIDERABLE 3.

DANGER PATTERNS: DRIFTING SNOW - COLD FOLLOWING WARM. WARM FOLLOWING COLD. WET SNOW - RAIN.



	Avalanche		Critical altitude	Snow line (m.a.s.l.)		Snow depth		
Subsector	problems	Critical Aspects		North	South	Snow cm.	New snow cm.	Elevation (m.a.s.l.)
Alpi Retiche	****	ALL		1300	1400	55-100		2000
Alpi Orobiche		W S		1500	2300	01-15	0	1700
Prealpi Lombarde	SNOW	NO NEVE	NO	-	-	0	0	1800
Appennino Pavese	NO SNOW	NO NEVE	No	-	-	0	0	1450

REGISTERED AVALANCHES Small-sized natural loose surface avalanches.

SNOWPACK Soft wind drifted snow slabs on moderately bonded layers. The snowpack is generally moderately bonded on the majority ofsteep slopes.

					FORE	CAST fo	or					
	21/12/2023			22/12/2023			23/12/2023					
Subsector	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		2		ALL		2 3		ALL	
Alpi Orobiche	1		ALL		1		ALL	\triangle	1			
Prealpi Lombarde	SNOW	NO SNOW	NO	NO SHOW	SNOW	SNOW	NO	NO	SNOW	NO SNOW	NO	NO SNOW
Appennino Pavese	NO SNOW	NO SNOW	NO NEVE	NO SNOW	SNOW	SNOW	NO NEVE	NO	SNOW	SNOW	NO NEVE	NO SNOW

EUROPEAN AVALANCHE WARNING SERVICE



5 - VERY HIGH



4 - HIGH





2 - MODERATE



1 - I OW



NO SNOW



NO INFO

AVALANCHE PROBLEMS



NEW SNOW



WIND - DRIFTED SNOW



PERSISTENT WEAR LAYERS



WET SNOW



GLIDING SNOW



NO INFO

WARNING

Due to observed wind activity, avoid accumulation zones, bowls, gullies, irregular slopes and leeward slopes in general.

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 numero verde ambientale 1515 Pag. 1













WEATHER FORECAST for - AVALANCHE BULLETIN - ISSUED AT 14:00 on 20/12/2023 by Italian Air Force Meteorogical Service

			SUBSECTOR	ALPI RETICHE			
Elevation		21/12/2023 h6:00	21/12/2023 h12:00	21/12/2023 h18:00	22/12/2023 h6:00	22/42/2022 542-00	22/42/2022 649:00
(m.a.s.l.)						22/12/2023 h12:00	22/12/2023 h18:00
1000	Wind	01 Knots from North	01 Knots from N- West	03 Knots from West	04 Knots from N- West	06 Knots from N- West	08 Knots from N- West
	Temperatures	-03 °C	-01 °C	+02 °C	-04 °C	-03 °C	-02 °C
	Feels like	-3 ℃	0 ℃	0 ℃	-7 °C	-7 °C	-7 °C
	Wind	01 Knots from North	01 Knots from N- West	03 Knots from West	04 Knots from N- West	06 Knots from N- West	08 Knots from N- West
2000	Temperatures	-03 °C	-01 °C	+02 °C	-04 °C	-03 °C	-02 °C
	Feels like	-3 ℃	0 ℃	0 ℃	-7 °C	-7 ℃	-7 °C
	Wind	08 Knots from N- West	12 Knots from N- West	21 Knots from N- West	32 Knots from N- West	41 Knots from N- West	43 Knots from N- West
3000	Temperatures	-08 °C	-07 °C	-06 °C	-11 °C	-08 °C	-08 °C
	Feels like	-14 °C	-14 °C	-15 °C	-24 °C	-21 °C	-21 °C
Freezing lev	el	1400-1600 m.	1700-1900 m.	2200-2400 m.	1300-1500 m.	1400-1600 m.	1600-1800 m.
Atmospheric	phenomenon	_	-				
Sky condition	n						
			SUBSECTOR	ALPI OROBICHE			
Elevation (m.a.s.l.)		21/12/2023 h6:00	21/12/2023 h12:00	21/12/2023 h18:00	22/12/2023 h6:00	22/12/2023 h12:00	22/12/2023 h18:00
	Wind	02 Knots from North	00 Calm	02 Knots from N- West	06 Knots from N- West	08 Knots from North	05 Knots from N- West
1000	Temperatures	-02 °C	+00 °C	+01 °C	-02 °C	+00 °C	+01 °C
	Feels like	-3 ℃	13 °C	0 ℃	-6 °C	-4 °C	-2 ℃
	Wind	04 Knots from North	02 Knots from N- West	04 Knots from N- West	19 Knots from N- West	25 Knots from N- West	18 Knots from N- West
2000	Temperatures	-02 °C	-01 °C	+02 °C	-03 °C	-02 °C	+00 °C
	Feels like	-5 °C	-2 ℃	0 ℃	-11 °C	-11 °C	-7 °C
2000	Wind	05 Knots from N- West	10 Knots from N- West	19 Knots from N- West	38 Knots from N- West	42 Knots from N- West	40 Knots from N- West
3000	Temperatures	-08 °C	-06 °C	-05 °C	-09 °C	-05 °C	-05 °C
	Feels like	-13 °C	-13 °C	-14 °C	-22 °C	-17 °C	-17 °C
Freezing lev	el 	1400-1600 m.	1400-1600 m.	2000-2200 m.	1400-1600 m.	1600-1800 m.	1700-1900 m.
Atmospheric	phenomenon	_	_	_		_	
Sky condition	n			*	*	*	*
			SUBSECTOR PR	REALPI LOMBARD	E		
Elevation (m.a.s.l.)		21/12/2023 h6:00	21/12/2023 h12:00	21/12/2023 h18:00	22/12/2023 h6:00	22/12/2023 h12:00	22/12/2023 h18:00
	Wind	03 Knots from North	02 Knots from N- West	03 Knots from N- West	05 Knots from N- West	07 Knots from North	07 Knots from N- West
1000	Temperatures	-01 °C	+02 °C	+02 °C	-01 °C	+01 °C	+01 °C
	Feels like	-3 ℃	1 ℃	0 ℃	-4 °C	-3 ℃	-3 ℃
	Wind	04 Knots from North	05 Knots from N- West	06 Knots from N- West	14 Knots from N- West	20 Knots from N- West	18 Knots from N- West
2000	Temperatures	-01 °C	+00 °C	+01 °C	-03 °C	-01 °C	+00 °C
	Feels like	-4 °C	-3 ℃	-2 ℃	-10 °C	-8 ℃	-7 ℃
	Wind	09 Knots from North	15 Knots from N- West	21 Knots from N- West	35 Knots from N- West	42 Knots from N- West	38 Knots from N- West
3000	Temperatures	-06 °C	-06 °C	-04 °C	-10 °C	-07 °C	-07 °C
Feels like		-12 °C	-14 °C	-13 °C	-23 °C	-20 °C	-19 ℃
Freezing lev	el	1600-1800 m.	1800-2000 m.	2100-2300 m.	1400-1600 m.	1700-1900 m.	1800-2000 m.
Atmospheric	phenomenon	_	_	_		_	
Sky condition			0		0		

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			SUBSECTOR AI	PPENNINO PAVES	E		
Elevation (m.a.s.l.)		21/12/2023 h6:00	21/12/2023 h12:00	21/12/2023 h18:00	22/12/2023 h6:00	22/12/2023 h12:00	22/12/2023 h18:00
	Wind	02 Knots from N- East	01 Knots from West	03 Knots from South	05 Knots from N- West	04 Knots from West	04 Knots from West
1000	Temperatures	+02 °C	+05 °C	+04 °C	+05 °C	+06 °C	+05 °C
	Feels like	1 °C	6 ℃	3 ℃	3 ℃	4 °C	3 ℃
	Wind	11 Knots from North	06 Knots from West	12 Knots from West	24 Knots from N- West	15 Knots from N- West	17 Knots from N- West
2000	Temperatures	+00 °C	+01 °C	+04 °C	+02 °C	+01 °C	+02 °C
	Feels like	-5 ℃	-2 ℃	0 ℃	-5 ℃	-5 ℃	-4 °C
	Wind	11 Knots from North	11 Knots from N- West	22 Knots from N- West	33 Knots from N- West	34 Knots from N- West	28 Knots from North
3000	Temperatures	-05 °C	-04 °C	-01 °C	-03 °C	-04 °C	-02 °C
	Feels like	-12 °C	-10 °C	-9 ℃	-13 °C	-14 °C	-11 °C
Freezing level		1900-2100 m.	2000-2200 m.	2500-2700 m.	2200-2400 m.	2000-2200 m.	2200-2400 m.
Atmospheric phenomenon		_	_	_	_	_	_
Sky condition		- <u>*</u>	8	*	*	*	*

MAP LEGEND (WEATHER SYMBOLS)

Absence of adverse weather phenomena

Light rain

Moderate rain

Heavy rain

Thunderstorm

Weak snowfall



Moderate snowfall



MAP LEGEND (SKY CONDITION SYMBOLS)





Partly cloudy





Mostly cloudy

Overcast 0

	Weather and	snow dat	a recorded during f	ield and out of field	observations	on 20/12/2023	3
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	70	0	-4	+4	Absence of rain or other precipitation
VAL GRANDE	Vezza d'Oglio (BS)	1410	0	0	N.P.	N.P.	Absence of rain or other precipitation
DOSSO DEL VALLONE	Valfurva (SO)	2582	100	0	N.P.	N.P.	Absence of rain or other precipitation
ALPE PALU'	Chiesa in Valmalenco (SO)	2010	55	0	+1	+7	Absence of rain or other precipitation
BASSINALE	Artogne (BS)	1782	2	0	N.P.	N.P.	Absence of rain or other precipitation
PREDA	Edolo (BS)	1580	4	0	+1	+14	Absence of rain or other precipitation
CIMA VALZELLI	Castione della Presolana (BG)	1622	0	0	-4	+9	Absence of rain or other precipitation
PASSO MANIVA	Collio (BS)	1751	0	0	+2	+14	Absence of rain or other precipitation
PIAN DELLE BETULLE	Margno (LC)	1508	0	0	+4	+12	Absence of rain or other precipitation
RIFUGIO BRUNO	Alta Valle Intelvi (CO)	1156	0	0	+6	+15	Absence of rain or other precipitation
QUARTA BAITA	Foppolo (BG)	1760	4	0	N.P.	N.P.	Absence of rain or other precipitation
PIAN DEL POGGIO	Santa Margherita di Staffora (PV)	1441	0	N.P.	N.P.	N.P.	Absence of rain or other precipitation

(*) Out of field survey

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INFORMATION MEANS PREVENTION - SCAN QRCODE TO KNOW DAILY AVALANCHE DANGER LEVEL!

