











AVALANCHE BULLETIN - ISSUED AT 14:00 on 29/12/2023 by Servizio METEOMONT dell'ARMA dei CARABINIERI in collaboration with Italian Air Force Meteorogical Service

#### SITUATION at 14:00 on 29/12/2023

Danger level: FROM MODERATE 2 TO CONSIDERABLE 3.

DANGER PATTERNS: OLD SNOW - COLD FOLLOWING WARM. WARM FOLLOWING 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		3		1500	1900	19-60	0	2000
Alpi Orobiche		W E		1600	2500	2-58	0	1700
Prealpi Lombarde	NO SNOW	NO NEVE	NO	-	-	-	-	-
Appennino Pavese	NO SNOW	NO NEVE	No		-	-	-	-

SNOWPACK Layers of dry snow on moderately bonded layers. The snowpack is poorly bonded only on a few slopes.

	FORECAST for											
	30/12/2023				31/12/2023				01/01/2024			
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	2				2113		ALL		3	****	ALL	<u> </u>
Alpi Orobiche	2				2113				3	****		
Prealpi Lombarde	SNOW	SNOW	NO	NO	1 2				2			
Appennino Pavese	SNOW	SNOW	NO	NO	SNOW	SNOW	NO	NO	SNOW	SNOW	NO	NO SNOW

# EUROPEAN AVALANCHE WARNING SERVICE



5 - VERY HIGH



4 - HIGI



3 - CONSIDERABLE



2 - MODERATE



1 - LOW



NO SNON



NO INFO

#### **AVALANCHE PROBLEMS**



NEW SNOW



WIND - DRIFTED SNOW



PERSISTENT WEAK LAYERS



WET SNOW



GLIDING SNOW



NO INFO

## WARNING

Due to snow cover conditions ,outdoor activities beyond the maintained and marked tracks require a good evaluation of local danger points.

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 numero verde ambientale 1515 Pag, 1













WEATHER FORECAST for - AVALANCHE BULLETIN - ISSUED AT 14:00 on 29/12/2023 by Italian Air Force Meteorogical Service

			SUBSECTOR	ALPI RETICHE			
Elevation		20/40/2022 5 5-00			24/40/0000 h.C.00	24/40/2022 542-22	24/40/2022 540-00
(m.a.s.l.)	Wind	30/12/2023 h6:00 02 Knots from N-	30/12/2023 h12:00 01 Knots from N-	30/12/2023 h18:00 01 Knots from East	31/12/2023 h6:00 01 Knots from East	31/12/2023 h12:00 02 Knots from South	31/12/2023 h18:00 01 Knots from South
1000	wind	West	East	OT MIOIS HOITI LASI	OT MIOIS HOITI LASI	02 Nilots Irom South	OT MIOIS HOITI SOULT
	Temperatures	-01 °C	-01 °C	-02 °C	-03 °C	-04 °C	-02 °C
	Feels like	-2 ℃	0 ℃	-2 °C	-3 ℃	-5 ℃	-2 ℃
	Wind	02 Knots from N- West	01 Knots from N- East	01 Knots from East	01 Knots from East	02 Knots from South	01 Knots from South
2000	Temperatures	-01 °C	-01 °C	-02 °C	-03 °C	-04 °C	-02 °C
	Feels like	-2 ℃	0 ℃	-2 ℃	-3 ℃	-5 ℃	-2 ℃
	Wind	02 Knots from N- West	03 Knots from S- West	04 Knots from S- West	11 Knots from S- West	16 Knots from S- West	14 Knots from S- West
3000	Temperatures	-05 °C	-05 °C	-06 °C	-08 °C	-07 °C	-07 °C
	Feels like	-6 ℃	-8 ℃	-10 °C	-15 °C	-16 °C	-15 °C
Freezing lev	el	0700-0900 m.	0900-1100 m.	0700-0900 m.	0700-0900 m.	1100-1300 m.	1600-1800 m.
Atmospheric	c phenomenon	_	_	_	<i>\$</i>	<i>\$</i>	
Sky conditio	on	0	0	<del>*</del>		8	
			SUBSECTOR	ALPI OROBICHE			
Elevation		30/12/2023 h6:00	30/12/2023 h12:00	30/12/2023 h18:00	31/12/2023 h6:00	31/12/2023 h12:00	31/12/2023 h18:00
(m.a.s.l.)	Wind	01 Knots from West	00 Calm	01 Knots from N- West	01 Knots from South	02 Knots from South	02 Knots from S- West
1000	Temperatures	+00 °C	+00 °C	+00 °C	-01 °C	-01 °C	+00 °C
	Feels like	1 °C	13 ℃	1 °C	0 ℃	-2 °C	-1 °C
	Wind	01 Knots from N- West	00 Calm	02 Knots from S- West	04 Knots from S- West	06 Knots from South	05 Knots from South
2000	Temperatures	-01 °C	-01 °C	-02 °C	-02 °C	-01 °C	-01 °C
	Feels like	0 ℃	13 °C	-3 ℃	-5 ℃	-5 ℃	-4 °C
	Wind	03 Knots from N- West	04 Knots from S- West	05 Knots from S- West	15 Knots from S- West	17 Knots from S- West	19 Knots from South
3000	Temperatures	-05 °C	-05 °C	-06 °C	-07 °C	-07 °C	-06 °C
	Feels like	-8 ℃	-8 °C	-10 °C	-15 °C	-16 °C	-15 °C
Freezing lev	el	0700-0900 m.	1600-1800 m.	1100-1300 m.	1300-1500 m.	1600-1800 m.	1700-1900 m.
Atmospheric	phenomenon	_	_	_	<i>\oint_{\int_{\intt_{\inttitalle\int_{\inttilent_{\inttilent_{\inttilent_{\inttilent_{\inttilent_{\inttilent_{\inttilent_{\inttilent_{\inttilent_{\inttilent_{\inttilent_{\intilent_{\inttilent_{\inttilent_{\inttilent_{\inttilent_{\inttilent_{\inttilent_{\inttilent_{\inttilent_{\inttilent_{\inttilent_{\inttilent_{\inttilent_{\inttilent_{\inttilent_{\inttilent_{\intilent_{\inttilent_{\intilent_{\inttilent_{\inttilent_{\intilent_{\intilent_{\intilent_{\inttilent_{\inttilent_{\intiint_{\intilent_{\intilent_{\intilent_{\innt\iiin\intilent_{\intilent_{\intilent_</i>	Ş	
Sky conditio	on	<b>\rightarrow</b>	Č	*		8	8
			SUBSECTOR PR	REALPI LOMBARD	E		
Elevation (m.a.s.l.)		30/12/2023 h6:00	30/12/2023 h12:00	30/12/2023 h18:00	31/12/2023 h6:00	31/12/2023 h12:00	31/12/2023 h18:00
	Wind	01 Knots from S- East	01 Knots from S- East	01 Knots from South	02 Knots from South	04 Knots from South	03 Knots from S- West
1000	Temperatures	-01 °C	+00 °C	-01 °C	-01 °C	-01 °C	+00 °C
	Feels like	0 ℃	1 ℃	0 ℃	-2 ℃	-4 °C	-2 °C
	Wind	01 Knots from N- West	01 Knots from S- East	03 Knots from South	05 Knots from South	11 Knots from South	06 Knots from S- West
		01.00	-01 °C	-02 °C	-02 °C	-02 °C	-02 °C
2000	Temperatures	-01 °C	-01 C		9		
2000	Temperatures Feels like	0 ℃	-01° C 0°C	-4 °C	-5 °C	-8 °C	-6 °C
							-6 °C 18 Knots from S- West
3000	Feels like	0 °C 05 Knots from N-	0 °C 03 Knots from S-	-4 °C 05 Knots from S-	-5 °C 14 Knots from S-	-8 °C 19 Knots from S-	18 Knots from S-
	Feels like Wind	0 °C 05 Knots from N- West	0 °C 03 Knots from S- West	-4 °C 05 Knots from S- West	-5 °C 14 Knots from S- West	-8 °C 19 Knots from S- West	18 Knots from S- West
	Feels like Wind Temperatures Feels like	0 °C 05 Knots from N- West -05 °C	0 °C 03 Knots from S- West -06 °C	-4 °C 05 Knots from S- West -06 °C	-5 °C 14 Knots from S- West -07 °C	-8 °C 19 Knots from S- West -07 °C	18 Knots from S- West -07 °C
3000 Freezing lev	Feels like Wind Temperatures Feels like	0 °C 05 Knots from N- West -05 °C -9 °C	0 °C 03 Knots from S- West -06 °C -9 °C	-4 °C 05 Knots from S- West -06 °C -10 °C	-5 °C 14 Knots from S- West -07 °C -15 °C	-8 °C 19 Knots from S- West -07 °C -16 °C	18 Knots from S- West -07 °C -16 °C

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WEATHER FORECAST for - AVALANCHE BULLETIN - ISSUED AT 14:00 on 29/12/2023 by Italian Air Force Meteorogical Service

			SUBSECTOR AF	PPENNINO PAVES	E		
Elevation (m.a.s.l.)		30/12/2023 h6:00	30/12/2023 h12:00	30/12/2023 h18:00	31/12/2023 h6:00	31/12/2023 h12:00	31/12/2023 h18:00
	Wind	03 Knots from South	03 Knots from South	02 Knots from S- West	03 Knots from South	07 Knots from South	08 Knots from S- West
1000	Temperatures	+05 °C	+04 °C	+04 °C	+04 °C	+05 °C	+05 °C
	Feels like	4 °C	3 ℃	4 °C	3 ℃	2 ℃	2 ℃
	Wind	05 Knots from S- West	08 Knots from South	05 Knots from S- West	12 Knots from South	19 Knots from S- West	22 Knots from S- West
2000	Temperatures	+01 °C	-01 °C	+00 °C	+00 °C	+00 °C	+00 °C
	Feels like	-2 ℃	-6 ℃	-3 ℃	-6 °C	-7 °C	-7 ℃
	Wind	08 Knots from West	06 Knots from S- West	08 Knots from West	16 Knots from S- West	22 Knots from S- West	23 Knots from S- West
3000	Temperatures	-04 °C	-05 °C	-04 °C	-05 °C	-05 °C	-06 °C
	Feels like	-9 ℃	-10 °C	-9 ℃	-13 °C	-14 ℃	-16 °C
Freezing level		2200-2400 m.	1700-1900 m.	1900-2100 m.	1900-2100 m.	1900-2100 m.	1900-2100 m.
Atmospheric phenomenon		_	_	<b>\( \rightarrow</b>	<b>\( \rightarrow</b>	_	_
Sky condition		<b>\times</b>	8		8		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 o	observations	on 29/12/2023	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
VALAR	Valdidentro (SO)	1930	59	0	-11	+7	Absence of rain or other precipitation
PLAGHERA *	Valfurva (SO)	2063	52	0	N.P.	N.P.	Absence of rain or other precipitation
PIANI DI BOBBIO	Barzio (LC)	1724	0	0	N.P.	N.P.	Absence of rain or other precipitation
MOTTA ALTA	Campodolcino (SO)	1740	19	0	-3	-3	Absence of rain or other precipitation
ALPE PALU'	Chiesa in Valmalenco (SO)	2010	60	0	-6	+6	Absence of rain or other precipitation
BASSINALE	Artogne (BS)	1782	0	0	N.P.	N.P.	Absence of rain or other precipitation
PREDA	Edolo (BS)	1580	4	0	+1	+9	Absence of rain or other precipitation
CIMA VALZELLI	Castione della Presolana (BG)	1622	0	0	-2	+10	Absence of rain or other precipitation
PASSO MANIVA	Collio (BS)	1751	0	0	-3	+10	Absence of rain or other precipitation
PIAN DELLE BETULLE	Margno (LC)	1506	0	0	-1	+5	Fog with visible sky
RIFUGIO BRUNO	Alta Valle Intelvi (CO)	1156	0	0	+2	+10	Absence of rain or other precipitation
COLONIA VIGILI	Ponte di Legno (BS)	1640	33	0	-6	+4	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!



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