











AVALANCHE BULLETIN - ISSUED AT 14:00 on 10/01/2024 by Servizio METEOMONT dell'ARMA dei CARABINIERI in collaboration with Italian Air Force Meteorogical Service

## SITUATION at 14:00 on 10/01/2024

Danger level: FROM LOW1 TO MODERATE 2.

DANGER PATTERNS: FRESH SNOW - LAYERS OF SNOW THAT OVERLAP WITH VERY DIFFERENT TEMPERATURES. DRIFTING SNOW - COLD FOLLOWING WARM. WARM FOLLOWING COLD.



	Avalanche			Snow line (m.a.s.l.)		Snow depth			
Subsector	problems	Critical Aspects	Critical altitude	North	South	Snow cm.	New snow cm.	Elevation (m.a.s.l.)	
Gran Sasso Est - Laga Est	****	ALL	<u> </u>	1000	1100	023	009	1355	
Gran Sasso Ovest	-	ALL		1400	1500	001	0	1400	
Majella	***	ALL		1100	1200	062	003	2026	
P.N. Abruzzo	\(\)***	ALL	<u> </u>	1200	1200	021	011	1495	
Velino - Sirente		ALL	$\triangle$	1500	1600	004	0	1573	
Mainarde-Alto Molise	***	ALL	<u> </u>	1400	1400	030	0	1490	
Matese		ALL	<u> </u>	1200	1300	010	0	1429	

**SNOWPACK** Surface layers of moist-wet new snow with poor cohesion on existing wind and melt-freeze crusts. The snowpack is generally moderately bonded only on some slopes.













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FORECAST for												
	11/01/2024			12/01/2024			13/01/2024					
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
Gran Sasso Est - Laga Est	2		ALL		2	!	ALL		2		ALL	
Gran Sasso Ovest	2/1		ALL		<sup>2</sup> (1)		ALL	$\triangle$	2		ALL	$\triangle$
Majella	2/1	****	ALL		2/1		ALL		2		ALL	
P.N. Abruzzo	2/1	****	ALL		2/1		ALL		2		ALL	
Velino - Sirente	1		ALL		1		ALL		1		ALL	
Mainarde-Alto Molise	2		ALL		2/1	!	ALL		2		ALL	
Matese	1		ALL		1		ALL		1		ALL	

## **EUROPEAN AVALANCHE WARNING SERVICE**



















1 - LOW



NO SNOW



NO INFO

# **AVALANCHE PROBLEMS**



NEW SNOW



WIND - DRIFTED SNOW



PERSISTENT WEAK LAYERS



WET SNOW



GLIDING SNOW



NO INFO

## **WARNING**

Be aware of hidden snowdrifts.













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		SUI	BSECTOR GRAN	SASSO EST - LAG	A EST		
Elevation (m.a.s.l.)		11/01/2024 h6:00	11/01/2024 h12:00	11/01/2024 h18:00	12/01/2024 h6:00	12/01/2024 h12:00	12/01/2024 h18:00
(III.d.o.i.)	Wind	03 Knots from East	04 Knots from N- East	03 Knots from N- East	06 Knots from N- East	05 Knots from N-	06 Knots from N- East
1000	Temperatures	-02 °C	-01 °C	-02 °C	-04 °C	-03 °C	-04 °C
	Feels like	-4 °C	-4 °C	-4 °C	-8 ℃	## form N-	-8 ℃
	Wind	05 Knots from East	07 Knots from East	06 Knots from East	14 Knots from N- East		15 Knots from N- East
2000	Temperatures	-04 °C	-05 °C	-04 °C	-05 °C	-06 °C	-06 °C
	Feels like	-8 ℃	-10 °C	-8 ℃	-12 ℃	-13 °C	-14 °C
	Wind	02 Knots from South	01 Knots from S- East	06 Knots from N- East	11 Knots from N- East		14 Knots from North
3000	Temperatures	-07 °C	-07 ℃	-06 °C	-06 °C	-06 °C	-07 ℃
	Feels like	-9 ℃	-7 °C	-11 °C	-13 ℃	-13 ℃	-15 ℃
Freezing lev	el	1100-1300 m.	1200-1400 m.	1100-1300 m.	0800-1000 m.	1000-1200 m.	0700-0900 m.
Atmospheric	c phenomenon	_	_	_	_	_	_
Sky condition	on	8	8	8	- <u>\</u>	- <del>\</del>	- <u>i</u> i-
			SUBSECTOR GF	RAN SASSO OVES	T	, 	'
Elevation (m.a.s.l.)		11/01/2024 h6:00	11/01/2024 h12:00	11/01/2024 h18:00	12/01/2024 h6:00	12/01/2024 h12:00	12/01/2024 h18:00
(111.0.0.11)	Wind	02 Knots from East	01 Knots from East	02 Knots from East	03 Knots from N- East		02 Knots from North
1000	Temperatures	-01 °C	+01 °C	+00 °C	-02 °C		-03 °C
	Feels like	-2 ℃	2 ℃	-1 °C	-4 °C	-2 ℃	-4 °C
	Wind	05 Knots from East	05 Knots from East	06 Knots from East	08 Knots from N- East	06 Knots from North	08 Knots from North
2000	Temperatures	-04 °C	-04 °C	-04 °C	-04 °C	-05 °C	-05 °C
	Feels like	-8 ℃	-8 °C	-8 ℃	-9 °C	-10 °C	-11 °C
	Wind	04 Knots from S- East	04 Knots from S- East	05 Knots from East	11 Knots from N- East	13 Knots from North	16 Knots from North
3000	Temperatures	-07 °C	-07 °C	-06 °C	-06 °C	-06 °C	-08 °C
	Feels like	-11 °C	-11 °C	-10 °C	-13 °C	-13 °C	-17 °C
reezing lev	el	1300-1500 m.	1500-1700 m.	1300-1500 m.	1100-1300 m.	1400-1600 m.	1000-1200 m.
Atmospheric	phenomenon	_	_	_	_	_	_
Sky condition	on	8		<del>-</del> <u>*</u> -	<del>*</del>	- <del>*</del>	- <del>`</del>
			SUBSECTO	OR MAJELLA			
Elevation (m.a.s.l.)		11/01/2024 h6:00	11/01/2024 h12:00	11/01/2024 h18:00	12/01/2024 h6:00	12/01/2024 h12:00	12/01/2024 h18:00
	Wind	01 Knots from East	02 Knots from N- East	02 Knots from N- East	03 Knots from North	03 Knots from North	03 Knots from North
1000	Temperatures	-02 °C	-01 °C	-02 °C	-06 °C	-06 °C	-06 °C
	Feels like	-2 ℃	-2 ℃	-3 ℃	-9 ℃	-9 ℃	-9 ℃
	Wind	03 Knots from East	03 Knots from East	04 Knots from East	08 Knots from North	07 Knots from North	08 Knots from North
2000	Temperatures	-03 °C	-03 °C	-04 °C	-07 °C	-07 °C	-08 °C
	Feels like	-5 ℃	-5 ℃	-7 °C	-13 °C	-13 °C	-14 °C
	Wind	03 Knots from South	04 Knots from S- East	05 Knots from East	10 Knots from N- East	12 Knots from North	15 Knots from North
3000	Temperatures	-06 °C	-07 °C	-07 °C	-07 °C	-06 °C	-07 °C
	Feels like	-9 ℃	-11 °C	-11 °C	-14 °C	-13 °C	-15 °C
Freezing level		1000-1200 m.	1400-1600 m.	1300-1500 m.	0700-0900 m.	0800-1000 m.	0700-0900 m.
· ·							
	c phenomenon	_	_		_		<b>\rightarrow</b>













WEATHER FORECAST for - AVALANCHE BULLETIN - ISSUED AT 14:00 on 10/01/2024 by Italian Air Force Meteorogical Service

				SUBSECTOR	P.N. ABRUZZO			
Wind   09 Knots from East   04 Knots from East   04 Knots from N-   05 Knots from N-	Elevation		11/01/2024 b6:00			12/01/2024 b6:00	12/01/2024 b12:00	12/01/2024 b18:00
Temperatures	(m.a.s.l.)	Wind						
Feels like	1000				East	East	East	
Vind	1000							
Temperatures				_				
Feels like	2000					East	East	
Wind	2000		+					
Temperatures								
Feels like		Wind					U8 Knots from North	11 Knots from North
Temperatures	3000	Temperatures	-08 °C	-07 °C	-07 °C	-07 °C	-06 °C	-05 °C
Atmospheric phenomenon		Feels like	-14 °C	-12 °C	-11 °C	-11 °C	-12 °C	-12 °C
SUBSECTOR VELINO - SIRENTE	Freezing lev	rel	1300-1500 m.	1500-1700 m.	1500-1700 m.	1100-1300 m.	1400-1600 m.	1000-1200 m.
SUBSECTOR VELINO - SIRENTE	Atmospheri	c phenomenon	_	_	_	_	_	_
	Sky condition	on	<b>\(\partial\)</b>	8	8	<del>`</del>	<del>`</del>	<del>\</del>
Mind				SUBSECTOR \	/ELINO - SIRENTE			
Wind			11/01/2024 h6:00	11/01/2024 h12:00	11/01/2024 h18:00	12/01/2024 h6:00	12/01/2024 h12:00	12/01/2024 h18:00
Temperatures	(imaiom)	Wind	04 Knots from East	04 Knots from East	05 Knots from East			
Feels like	1000	Temperatures	-04 °C	-04 °C	-04 °C			
Temperatures		•	-7 °C	-7 °C	-8 °C	-9 ℃	-7 °C	-8 °C
Temperatures			05 Knots from East	06 Knots from East	06 Knots from East			
Wind   04 Knots from S-   East   11 Knots from N-   East   14 Knots from North   East   14 Knots from North   East   15 Knots from North   East   16 Knots from North   East   16 Knots from North   East   17 C   -06 °C   -06 °C   -05 °C   -05 °C   -06 °C   -06 °C   -06 °C   -12 °C   -11 °C   -14 °	2000	Temperatures	-04 °C	-04 °C	-04 °C	-05 °C	-05 °C	-05 °C
East		Feels like	-8 ℃	-8 ℃	-8 ℃	-10 °C	-10 °C	-10 °C
Feels like		Wind			03 Knots from East		09 Knots from North	14 Knots from North
Treezing level   1200-1400 m.   1300-1500 m.   1200-1400 m.   1300-1500 m.   1300-1500 m.   1000-1200 m.   1300-1500 m.   1000-1200 m.   1300-1500 m.   1000-1200 m.   1	3000	Temperatures	-07 °C	-06 °C	-06 °C	-05 °C	-05 °C	-06 °C
Sky condition   Subsection		Feels like	-11 °C	-10 °C	-9 ℃	-12 °C	-11 °C	-14 °C
Sky condition   Subsector Mainarde-Alto Molise   Subsector Mainarde-Molise   Subsector Molise   Subsector M	Freezing lev	rel	1200-1400 m.	1300-1500 m.	1200-1400 m.	1000-1200 m.	1300-1500 m.	1000-1200 m.
SUBSECTOR MAINARDE-ALTO MOLISE	Atmospheri	c phenomenon	_	_	_	_	_	_
Temperatures	Sky condition	on	\$	8	8	<del>*</del>	<del>-</del> <u>*</u>	<del>*</del>
Temperatures			5	SUBSECTOR MAIN	NARDE-ALTO MOL	.ISE		
1000   Temperatures   -01 °C   -01 °C   +00 °C   -01 °C   +00 °C   -01 °C   +00 °C   -02 °C   -2 °C   -2 °C   -2 °C   -3 °C   -1 °C   -3 °C   -1 °C   -3 °C   -3 °C   -1 °C   -3 °C   -3 °C   -1 °C							12/01/2024 h12:00	12/01/2024 h18:00
Temperatures	(III.a.o.i.)	Wind		02 Knots from East		03 Knots from North		02 Knots from North
Feels like	1000	Temperatures	+	-01 °C		-01 °C		-02 °C
Wind			-2 ℃	-2 °C	-2 °C	-3 ℃	-1 °C	-3 ℃
Temperatures			06 Knots from East	08 Knots from East		07 Knots from North	06 Knots from North	08 Knots from North
Wind   07 Knots from S-   07 Knots from S-   East   08 Knots from N-   08 Knots from North   11 Knots from North	2000	Temperatures	-05 °C	-04 °C		-02 °C	-04 °C	-05 °C
3000         East         East         East           Temperatures         -08 °C         -07 °C         -07 °C         -07 °C         -06 °C         -05 °C           Feels like         -14 °C         -13 °C         -13 °C         -13 °C         -12 °C         -12 °C           Freezing level         1100-1300 m.         1300-1500 m.         1300-1500 m.         1300-1500 m.         1300-1500 m.         1000-1200 m.           Atmospheric phenomenon         □         □         □         □         □         □		Feels like	-10 °C	-9 ℃	-9 ℃	-6 ℃	-8 ℃	-11 °C
Temperatures		Wind			08 Knots from East		08 Knots from North	11 Knots from North
Freezing level         1100-1300 m.         1300-1500 m.         1300-1500 m.         1300-1500 m.         1300-1500 m.         1000-1200 m.           Atmospheric phenomenon         Image: Control of the contr	3000	Temperatures	-08 °C	-07 °C	-07 °C	-07 °C	-06 °C	-05 °C
Atmospheric phenomenon		Feels like	-14 °C	-13 °C	-13 °C	-13 °C	-12 °C	-12 °C
	Freezing lev	rel	1100-1300 m.	1300-1500 m.	1300-1500 m.	1100-1300 m.	1300-1500 m.	1000-1200 m.
Sky condition	Atmospheri	c phenomenon	<b>\$</b>	<i>\$</i>	_	_	_	_
	Sky condition	on				*	*	<del>-</del> <u>*</u>













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			SUBSECT	OR MATESE			
Elevation (m.a.s.l.)		11/01/2024 h6:00	11/01/2024 h12:00	11/01/2024 h18:00	12/01/2024 h6:00	12/01/2024 h12:00	12/01/2024 h18:00
	Wind	04 Knots from N- East	05 Knots from N- East	05 Knots from N- East	06 Knots from N- East	07 Knots from N- East	07 Knots from N- East
1000	Temperatures	-01 °C	+00 °C	+00 °C	-02 °C	-01 °C	-03 °C
	Feels like	-4 °C	-3 ℃	-3 ℃	-6 °C	-5 ℃	-8 ℃
	Wind	08 Knots from East	12 Knots from East	12 Knots from N- East	10 Knots from N- East	14 Knots from N- East	15 Knots from North
2000	Temperatures	-02 °C	-03 °C	-04 °C	-04 °C	-04 °C	-05 °C
	Feels like	-7 ℃	-9 ℃	-11 °C	-10 °C	-11 °C	-13 °C
	Wind	07 Knots from S- East	06 Knots from S- East	04 Knots from East	07 Knots from N- East	07 Knots from N- West	09 Knots from North
3000	Temperatures	-08 °C	-07 ℃	-05 °C	-05 °C	-05 °C	-04 °C
	Feels like	-14 °C	-12 ℃	-8 ℃	-10 °C	-10 °C	-10 °C
Freezing le	vel	1100-1300 m.	1200-1400 m.	1200-1400 m.	1000-1200 m.	1000-1200 m.	0800-1000 m.
Atmospheric phenomenon		<b>\$</b>	<i>\$</i>		_	_	_
Sky condition		\$	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















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	Weather and s	snow dat	a recorded during f	ield and out of field o	observations	on 10/01/2024	4
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
PASSO LE FORCHE	Magliano de' Marsi (AQ)	1276	0	N.P.	N.P.	N.P.	Absence of rain or other precipitation
QUARTARANA	Campo di Giove (AQ)	1200	7	0	-3	+1	Absence of rain or other precipitation
COLLE RUTO	Campotosto (AQ)	1384	10	5	-3	+3	Absence of rain or other precipitation
S. DONATO	Castel del Monte (AQ)	1400	Snow traces	Snow traces	-3	+1	Fog with no visible sky
FAVACCHIOLE	Crognaleto (TE)	1016	0	0	N.P.	N.P.	Absence of rain or other precipitation
PRATO SELVA	Fano Adriano (TE)	1355	23	9	-3	+0	Fog with no visible sky
RIGOPIANO	Farindola (PE)	1135	6	0	-1	+13	Absence of rain or other precipitation
PIANO SAN PIETRO	Isola del Gran Sasso d'Italia (TE)	950	0	0	N.P.	N.P.	Fog with no visible sky
PASSOLANCIANO	Lettomanoppello (PE)	1300	18	11	-2	+1	Absence of rain or other precipitation
VALICO DELLA FORCHETTA	Palena (CH)	1270	8	2	-2	+3	Fog with visible sky
FORCA D'ACERO	Pescasseroli (AQ)	1480	9	0	-4	+2	Absence of rain or other precipitation
VALLE GELATA	Pescocostanzo (AQ)	1466	25	0	N.P.	N.P.	Absence of rain or other precipitation
PRATI DI TIVO	Pietracamela (TE)	1380	19	8	-4	+2	Fog with no visible sky
VALLE DEL SOLE	Pizzoferrato (CH)	1440	15	N.P.	N.P.	N.P.	Absence of rain or other precipitation
VALLE FIORITA	Pizzone (IS)	1406	8	0	-4	+2	Absence of rain or other precipitation
MAIELETTA MAMMA ROSA	Pretoro (CH)	1650	29	Snow traces	-6	-5	Fog with no visible sky
CEPPO	Rocca Santa Maria (TE)	1349	6	4	-3	+0	Fog with no visible sky
SAN PAOLO	Acquasanta Terme (AP)	960	0	0	-2	+1	Absence of rain or other precipitation
PASSO SAN LEONARDO	Sant'Eufemia a Maiella (PE)	1145	15	0	-2	+1	Absence of rain or other precipitation
COPPO DELL'ORSO	Villetta Barrea (AQ)	1520	18	8	-6	+2	Absence of rain or other precipitation
MONTE CRISTO *	L'Aquila (AQ)	1400	1	1	N.P.	N.P.	Absence of rain or other precipitation
CAMPITELLO MATESE	San Massimo (CB)	1429	10	0	N.P.	N.P.	Continuous light snow
PRATO GENTILE	Capracotta (IS)	1490	30	N.P.	N.P.	N.P.	Absence of rain or other precipitation
COLLE SAN GIACOMO	Civitella del Tronto (TE)	1075	0	0	N.P.	N.P.	Fog with no visible sky
FONTE SANT'ELIA	Collelongo (AQ)	1521	0	0	-3	0	Absence of rain or other precipitation
PESCOPENNATARO	Pescopennataro (IS)	1220	14	N.P.	N.P.	N.P.	Absence of rain or other precipitation
LA PESCINA	Rivisondoli (AQ)	1470	23	0	-4	+7	Absence of rain or other precipitation
PIANO AREMOGNA	Roccaraso (AQ)	1456	23	0	-7	+8	Absence of rain or other precipitation
MIMOLA	Scanno (AQ)	1495	21	11	N.P.	N.P.	Absence of rain or other precipitation
MARSIA	Tagliacozzo (AQ)	1450	0	0	N.P.	N.P.	Absence of rain or other precipitation
LA CROCETTA	Lucoli (AQ)	1573	4	0	N.P.	N.P.	Absence of rain or other precipitation
MONTE RAPINA *	Sant'Eufemia a Maiella (PE)	2026	62	3	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!



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