

Sector APPENNINO CENTRALE



















AVALANCHE BULLETIN - ISSUED AT 14:00 on 15/12/2023  
by Servizio METEOMONT dell'ARMA dei CARABINIERI  
in collaboration with Italian Air Force Meteorological Service

SITUATION at 14:00 on 15/12/2023

Danger level: FROM LOW1 TO MODERATE 2.

DANGER PATTERNS : FRESH SNOW - LAYERS OF SNOW THAT OVERLAP WITH VERY DIFFERENT TEMPERATURES. DRIFTING SNOW - COLD, LOOSE, NEW FALLEN SNOW AND WIND.























































































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.)
Gran Sasso Est - Laga Est				1300	1300	010	010	1355
Gran Sasso Ovest				1400	1400	030	030	2135
Majella				1600	1600	006	006	1650
P.N. Abruzzo				1400	1400	009	009	1495
Velino - Sirente				1500	1500	001	001	1500
Mainarde-Alto Molise				1400	1400	012	012	1490
Matese				1400	1400	001	001	1429

**SNOWPACK** Layers of dry snow with poor cohesion to ground level. The snowpack is generally well bonded and stable on the majority of steep slopes.

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**FORECAST for**

Subsector	16/12/2023				17/12/2023				18/12/2023			
	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												
Gran Sasso Ovest												
Majella												
P.N. Abruzzo												
Velino - Sirente												
Mainarde-Alto Molise												
Matese												

**EUROPEAN AVALANCHE WARNING SERVICE**

	5 - VERY HIGH		4 - HIGH		3 - CONSIDERABLE		2 - MODERATE		1 - LOW		NO SNOW		NO INFO
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**AVALANCHE PROBLEMS**

	NEW SNOW		WIND - DRIFTED SNOW		PERSISTENT WEAK LAYERS		WET SNOW		GLIDING SNOW		NO INFO
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**WARNING**









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**SUBSECTOR GRAN SASSO EST - LAGA EST**

Elevation (m.a.s.l.)		16/12/2023 h6:00	16/12/2023 h12:00	16/12/2023 h18:00	17/12/2023 h6:00	17/12/2023 h12:00	17/12/2023 h18:00
1000	Wind	10 Knots from N-East	09 Knots from N-East	11 Knots from N-East	05 Knots from N-East	04 Knots from N-East	03 Knots from East
	Temperatures	-05 °C	-04 °C	-04 °C	-01 °C	+02 °C	+03 °C
	Feels like	-11 °C	-10 °C	-10 °C	-4 °C	0 °C	2 °C
2000	Wind	26 Knots from N-East	21 Knots from N-East	23 Knots from N-East	14 Knots from East	10 Knots from East	09 Knots from East
	Temperatures	-09 °C	-09 °C	-08 °C	-02 °C	+01 °C	+04 °C
	Feels like	-20 °C	-19 °C	-18 °C	-9 °C	-4 °C	0 °C
3000	Wind	30 Knots from N-East	26 Knots from N-East	30 Knots from N-East	21 Knots from East	18 Knots from East	14 Knots from East
	Temperatures	-14 °C	-14 °C	-06 °C	-02 °C	-01 °C	+00 °C
	Feels like	-28 °C	-27 °C	-17 °C	-10 °C	-8 °C	-6 °C
Freezing level		0600-0800 m.	0800-1000 m.	0700-0900 m.	1100-1300 m.	2400-2600 m.	2900-3100 m.
Atmospheric phenomenon			—		—	—	—
Sky condition							

**SUBSECTOR GRAN SASSO OVEST**

Elevation (m.a.s.l.)		16/12/2023 h6:00	16/12/2023 h12:00	16/12/2023 h18:00	17/12/2023 h6:00	17/12/2023 h12:00	17/12/2023 h18:00
1000	Wind	14 Knots from N-East	09 Knots from N-East	08 Knots from N-East	03 Knots from N-East	01 Knots from N-East	01 Knots from N-East
	Temperatures	-05 °C	-04 °C	-04 °C	+01 °C	+03 °C	+06 °C
	Feels like	-12 °C	-10 °C	-9 °C	-1 °C	4 °C	7 °C
2000	Wind	33 Knots from N-East	24 Knots from N-East	22 Knots from N-East	09 Knots from N-East	06 Knots from East	05 Knots from N-East
	Temperatures	-08 °C	-08 °C	-06 °C	-01 °C	+01 °C	+04 °C
	Feels like	-20 °C	-19 °C	-15 °C	-6 °C	-2 °C	2 °C
3000	Wind	31 Knots from N-East	28 Knots from N-East	29 Knots from N-East	22 Knots from N-East	17 Knots from East	14 Knots from East
	Temperatures	-10 °C	-09 °C	-04 °C	-03 °C	-02 °C	-01 °C
	Feels like	-22 °C	-21 °C	-14 °C	-11 °C	-9 °C	-7 °C
Freezing level		0700-0900 m.	0900-1100 m.	0900-1100 m.	1600-1800 m.	2200-2400 m.	2700-2900 m.
Atmospheric phenomenon				—	—	—	—
Sky condition							

**SUBSECTOR MAJELLA**

Elevation (m.a.s.l.)		16/12/2023 h6:00	16/12/2023 h12:00	16/12/2023 h18:00	17/12/2023 h6:00	17/12/2023 h12:00	17/12/2023 h18:00
1000	Wind	10 Knots from N-East	07 Knots from N-East	05 Knots from N-East	03 Knots from East	02 Knots from East	02 Knots from East
	Temperatures	-08 °C	-06 °C	-06 °C	-03 °C	+00 °C	+01 °C
	Feels like	-15 °C	-11 °C	-10 °C	-5 °C	-1 °C	0 °C
2000	Wind	23 Knots from N-East	16 Knots from N-East	12 Knots from N-East	07 Knots from East	05 Knots from East	05 Knots from East
	Temperatures	-10 °C	-09 °C	-08 °C	-02 °C	+01 °C	+03 °C
	Feels like	-21 °C	-18 °C	-16 °C	-6 °C	-2 °C	0 °C
3000	Wind	28 Knots from N-East	23 Knots from N-East	20 Knots from N-East	21 Knots from East	14 Knots from East	12 Knots from East
	Temperatures	-15 °C	-13 °C	-09 °C	-04 °C	-03 °C	-02 °C
	Feels like	-29 °C	-25 °C	-19 °C	-13 °C	-10 °C	-8 °C
Freezing level		0500-0700 m.	0700-0900 m.	0800-1000 m.	1000-1200 m.	2300-2500 m.	2600-2800 m.
Atmospheric phenomenon					—	—	—
Sky condition							

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**Sector APPENNINO CENTRALE**

WEATHER FORECAST for - AVALANCHE BULLETIN - ISSUED AT 14:00 on 15/12/2023  
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SUBSECTOR P.N. ABRUZZO							
Elevation (m.a.s.l.)		16/12/2023 h6:00	16/12/2023 h12:00	16/12/2023 h18:00	17/12/2023 h6:00	17/12/2023 h12:00	17/12/2023 h18:00
1000	Wind	14 Knots from North	12 Knots from N-East	08 Knots from N-East	04 Knots from N-East	02 Knots from N-East	03 Knots from N-East
	Temperatures	-06 °C	-04 °C	-03 °C	+00 °C	+04 °C	+04 °C
	Feels like	-14 °C	-11 °C	-8 °C	-3 °C	4 °C	3 °C
2000	Wind	37 Knots from N-East	30 Knots from N-East	24 Knots from N-East	14 Knots from N-East	07 Knots from East	09 Knots from East
	Temperatures	-09 °C	-06 °C	-04 °C	-02 °C	+01 °C	+03 °C
	Feels like	-22 °C	-17 °C	-13 °C	-9 °C	-3 °C	-1 °C
3000	Wind	33 Knots from N-East	26 Knots from N-East	25 Knots from N-East	24 Knots from East	17 Knots from East	15 Knots from East
	Temperatures	-05 °C	-03 °C	-03 °C	-03 °C	-03 °C	+00 °C
	Feels like	-16 °C	-12 °C	-12 °C	-12 °C	-11 °C	-6 °C
Freezing level		0600-0800 m.	0800-1000 m.	0900-1100 m.	1400-1600 m.	2000-2200 m.	2800-3000 m.
Atmospheric phenomenon			—	—	—	—	—
Sky condition							
SUBSECTOR VELINO - SIRENTE							
Elevation (m.a.s.l.)		16/12/2023 h6:00	16/12/2023 h12:00	16/12/2023 h18:00	17/12/2023 h6:00	17/12/2023 h12:00	17/12/2023 h18:00
1000	Wind	18 Knots from N-East	12 Knots from N-East	12 Knots from N-East	08 Knots from N-East	05 Knots from East	05 Knots from N-East
	Temperatures	-09 °C	-08 °C	-07 °C	-02 °C	+00 °C	+02 °C
	Feels like	-19 °C	-16 °C	-14 °C	-7 °C	-3 °C	-1 °C
2000	Wind	28 Knots from N-East	19 Knots from N-East	20 Knots from N-East	12 Knots from N-East	08 Knots from East	07 Knots from N-East
	Temperatures	-09 °C	-09 °C	-08 °C	-02 °C	-01 °C	+03 °C
	Feels like	-21 °C	-19 °C	-18 °C	-8 °C	-6 °C	0 °C
3000	Wind	36 Knots from N-East	28 Knots from N-East	29 Knots from N-East	23 Knots from N-East	18 Knots from East	15 Knots from East
	Temperatures	-11 °C	-10 °C	-06 °C	-01 °C	-01 °C	+00 °C
	Feels like	-25 °C	-22 °C	-17 °C	-9 °C	-8 °C	-6 °C
Freezing level		0500-0700 m.	0700-0900 m.	0700-0900 m.	1400-1600 m.	1700-1900 m.	2900-3100 m.
Atmospheric phenomenon			—	—	—	—	—
Sky condition							
SUBSECTOR MAINARDE-ALTO MOLISE							
Elevation (m.a.s.l.)		16/12/2023 h6:00	16/12/2023 h12:00	16/12/2023 h18:00	17/12/2023 h6:00	17/12/2023 h12:00	17/12/2023 h18:00
1000	Wind	09 Knots from N-East	07 Knots from N-East	06 Knots from North	04 Knots from N-East	02 Knots from N-East	02 Knots from N-East
	Temperatures	-05 °C	-02 °C	-02 °C	+00 °C	+03 °C	+04 °C
	Feels like	-11 °C	-6 °C	-6 °C	-3 °C	2 °C	4 °C
2000	Wind	30 Knots from North	24 Knots from North	25 Knots from N-East	16 Knots from N-East	09 Knots from N-East	10 Knots from N-East
	Temperatures	-09 °C	-08 °C	-05 °C	-02 °C	+00 °C	+03 °C
	Feels like	-21 °C	-19 °C	-15 °C	-9 °C	-5 °C	-1 °C
3000	Wind	32 Knots from N-East	27 Knots from N-East	26 Knots from N-East	23 Knots from East	16 Knots from East	14 Knots from East
	Temperatures	-08 °C	-06 °C	-05 °C	-04 °C	-03 °C	-02 °C
	Feels like	-20 °C	-16 °C	-15 °C	-13 °C	-10 °C	-9 °C
Freezing level		0600-0800 m.	1000-1200 m.	1000-1200 m.	1400-1600 m.	1900-2100 m.	2400-2600 m.
Atmospheric phenomenon		—	—	—	—	—	—
Sky condition							

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WEATHER FORECAST for - AVALANCHE BULLETIN - ISSUED AT 14:00 on 15/12/2023  
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SUBSECTOR MATESE							
Elevation (m.a.s.l.)		16/12/2023 h6:00	16/12/2023 h12:00	16/12/2023 h18:00	17/12/2023 h6:00	17/12/2023 h12:00	17/12/2023 h18:00
1000	Wind	16 Knots from N-East	14 Knots from N-East	14 Knots from N-East	08 Knots from N-East	05 Knots from N-East	05 Knots from N-East
	Temperatures	-04 °C	-04 °C	-03 °C	-01 °C	+01 °C	+02 °C
	Feels like	-12 °C	-11 °C	-10 °C	-6 °C	-2 °C	-1 °C
2000	Wind	33 Knots from N-East	30 Knots from N-East	26 Knots from N-East	21 Knots from N-East	14 Knots from N-East	12 Knots from East
	Temperatures	-09 °C	-09 °C	-06 °C	-04 °C	+00 °C	+04 °C
	Feels like	-21 °C	-21 °C	-16 °C	-13 °C	-6 °C	0 °C
3000	Wind	29 Knots from N-East	29 Knots from N-East	23 Knots from N-East	26 Knots from N-East	17 Knots from East	12 Knots from East
	Temperatures	-07 °C	-06 °C	-05 °C	-03 °C	-02 °C	-01 °C
	Feels like	-18 °C	-17 °C	-14 °C	-12 °C	-9 °C	-7 °C
Freezing level		0700-0900 m.	0700-0900 m.	0800-1000 m.	1000-1200 m.	2400-2600 m.	2600-2800 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
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Weather and snow data recorded during field and out of field observations on 15/12/2023							
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	1	1	+0	+12	Absence of rain or other precipitation
COLLE RUTO	Campotosto (AQ)	1384	Snow traces	N.P.	-4	+2	Absence of rain or other precipitation
S. DONATO	Castel del Monte (AQ)	1400	1	1	-2	+8	Absence of rain or other precipitation
FAVACCHIOLE	Crognaleto (TE)	1016	0	0	N.P.	N.P.	Heavy or moderate rain and snow or drizzle
PRATO SELVA	Fano Adriano (TE)	1355	10	10	0	+11	Fog with no visible sky
RIGOPIANO	Farindola (PE)	1135	0	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.	Absence of rain or other precipitation
PASSOLANCIANO	Lettomanoppello (PE)	1300	0	0	+1	+12	Fog with no visible sky
VALICO DELLA FORCHETTA	Palena (CH)	1270	0	0	0	+4	Absence of rain or other precipitation
FORCA D'ACERO	Pescasseroli (AQ)	1480	2	2	-1	+9	Absence of rain or other precipitation
VALLE GELATA	Pescocostanzo (AQ)	1466	4	4	+0	+11	Absence of rain or other precipitation
PRATI DI TIVO	Pietracamela (TE)	1380	8	8	-1	+13	Absence of rain or other precipitation
VALLE DEL SOLE	Pizzoferrato (CH)	1440	4	4	0	+4	Fog with no visible sky
VALLE FIORITA	Pizzone (IS)	1406	0	0	0	+6	Absence of rain or other precipitation
MAIELETTA MAMMA ROSA	Pretoro (CH)	1650	6	6	-3	+2	Intermittent light snow
CEPPO	Rocca Santa Maria (TE)	1349	3	3	+0	+10	Intermittent light snow
SAN PAOLO	Acquasanta Terme (AP)	960	0	0	+3	+14	Absence of rain or other precipitation
PASSO SAN LEONARDO	Sant'Eufemia a Maiella (PE)	1145	0	0	+0	+15	Absence of rain or other precipitation
COPPO DELL'ORSO	Villetta Barrea (AQ)	1520	8	8	-4	+8	Absence of rain or other precipitation
CAMPO IMPERATORE	L'Aquila (AQ)	2135	30	30	-2	+1	Absence of rain or other precipitation
CAMPITELLO MATESE	San Massimo (CB)	1429	1	1	N.P.	N.P.	Absence of rain or other precipitation
PRATO GENTILE	Capracotta (IS)	1490	12	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	Snow traces	N.P.	N.P.	Intermittent light snow
PESCOPENNATARO	Pescopennataro (IS)	1220	0	N.P.	N.P.	N.P.	Absence of rain or other precipitation
LA PESCHINA	Rivisondoli (AQ)	1470	6	6	0	+13	Absence of rain or other precipitation
PIANO AREMOGNA	Roccaraso (AQ)	1456	8	8	0	+14	Intermittent light snow
MIMOLA	Scanno (AQ)	1495	9	9	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

(\*) Out of field survey

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

