



# WEATHER

*Meteorological observations and forecasts*

**Saturday 27/01/2018**

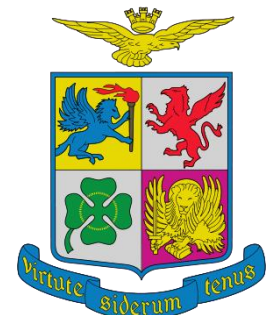
*MET Office - "Mario Zucchelli" Base - Terranova Bay*

Ten. Col. Luigi Verzelletti  
Cap. Francesco Mariella



Agenzia nazionale per le nuove tecnologie,  
l'energia e lo sviluppo economico sostenibile

*Information NOT intended for flight planning and pre-flight*



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# WEATHER

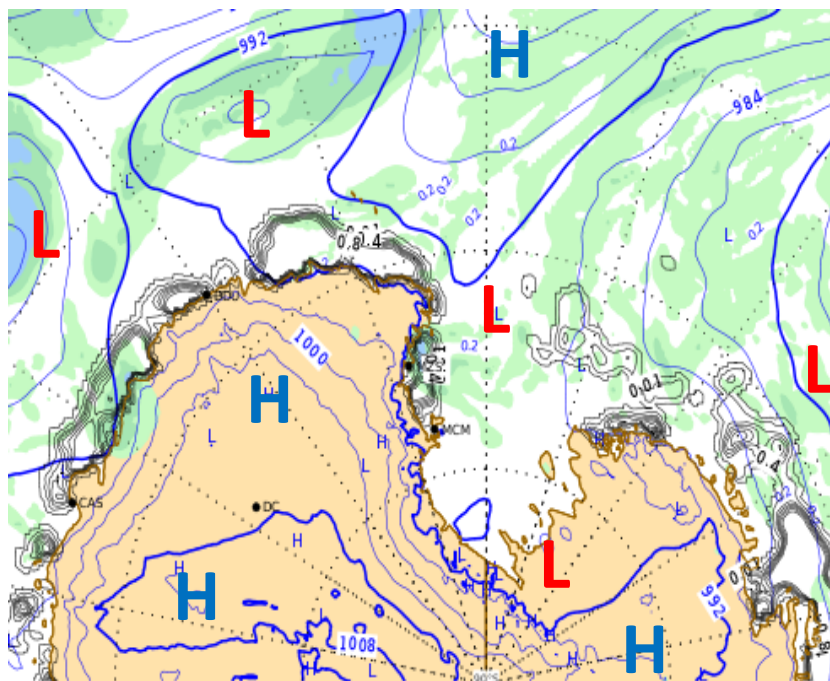
Meteorological observations and forecasts



## Saturday 27/01/2018

Sea Level Pressure + Precipitation at 07:00

Latest Report



### MARIO ZUCHELLI Station

2018-01-26 17:20:00 UTC (74° 41' 45.3" S, 164° 05' 31.8" E)  
<http://www.climanartide.it>

	Pressure (mba)	980.4
	Temperature (C°)	-2.3
	Wind Speed (knt)	15.8
	Relative Humidity (%)	69
	Sun Radiation (W/m <sup>2</sup> )	98

315°

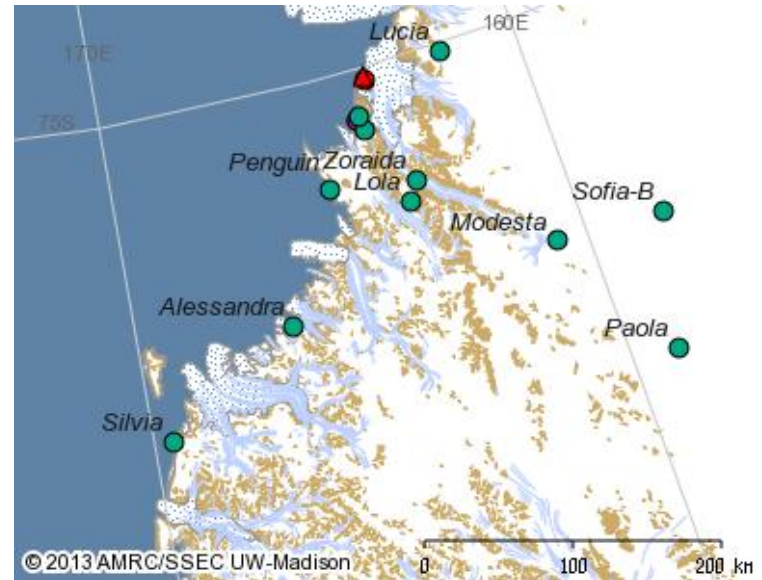
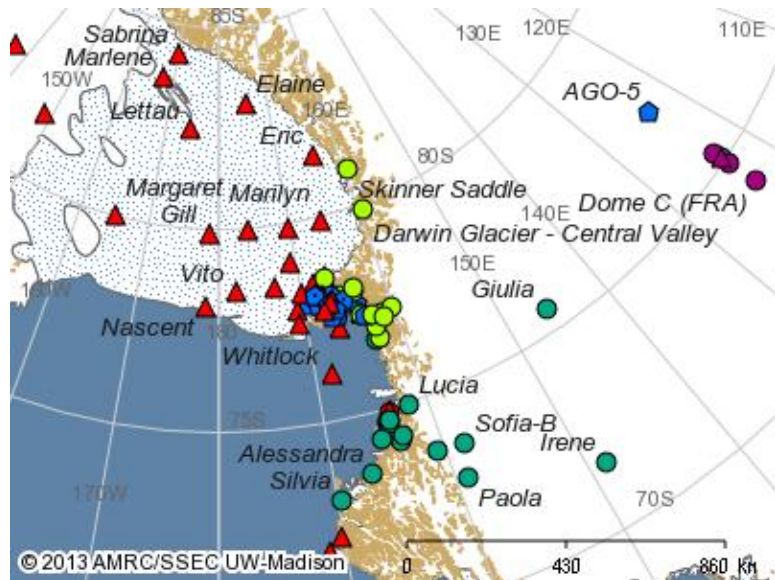
**VENTO AREA BOULDER: WSW 32 KT (06:20 loc time recorded)**



# Automatic Weather Stations (AWS) Updates

AWS	Datetime UTC	Wind Direction [°]	Wind Speed [kts]	Wind Gust [kts]	Temperature [°C]	MAX_Temp [°C]	MIN_Temp [°C]	Humidity [%]	Pressure [hPa]
Alessandra	2018-01-26 17:00	240	11	19	-4.4	-3.4	-4.4	98	971.3
Arelis	2018-01-26 16:00	310	11	15	-4.8	-4.6	-4.9	11	973.3
Concordia	2018-01-26 17:00	190	2	4	-36.5	-33.7	-37.7	68	650.3
Eneide	2018-01-26 16:00	260	38	45	-2.1	-2.1	-2.8	67	979.3
Giulia	2018-01-26 17:00	250	4	5	-34.5	-34.5	-34.8	68	719.5
Lola	2018-01-26 16:00	210	10	19	-14.4	-14.3	-15.6	75	805.8
Modesta	2018-01-26 17:00	290	9	11	-26.5	-24.9	-26.9	77	769.8
Paola	2018-01-07 14:00	80	6	7	-21.6	-21.3	-22.2	82	//
Rita	2018-01-26 17:00	270	35	45	-4.1	-4.1	-5.3	77	957.5
Silvia	2018-01-26 17:00	220	9	17	-6.2	-5.7	-6.7	93	925.5
Sofiab	2018-01-26 17:00	220	20	21	//	-17.5	-18.4	//	812.7
Zoraida	2018-01-26 16:00	310	25	32	-9.8	-9.7	-9.9	69	890.0

N.B. I dati presenti non sono validati e quindi non adatti ad un uso operativo.



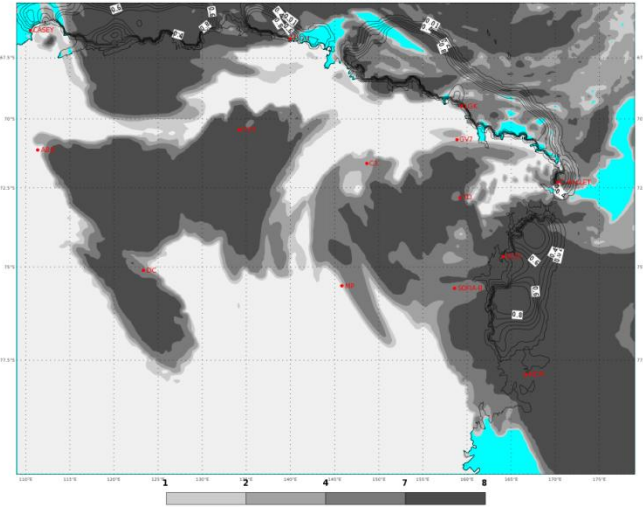
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# PREVISIONI - FORECASTS

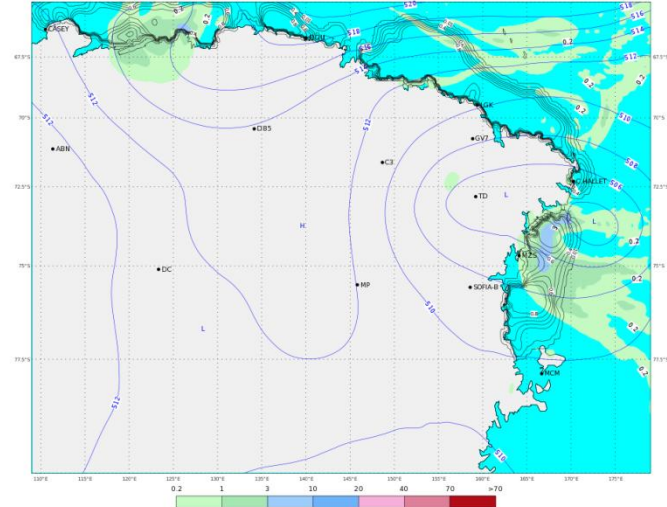
OGGI - ORE 07 LT

TODAY - 07 LT

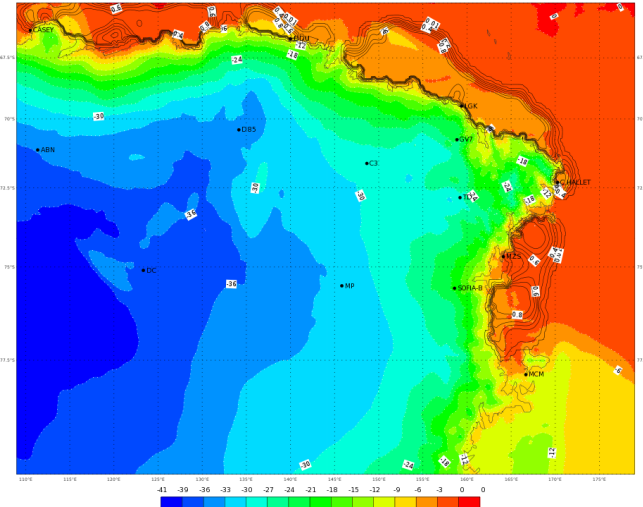
ECMWF 26 Gennaio 2018 00UTC Forecast T+18 VT: Venerdì 26 Gennaio 2018 18UTC  
Terra Vittoria - Total cloud cover (oct)



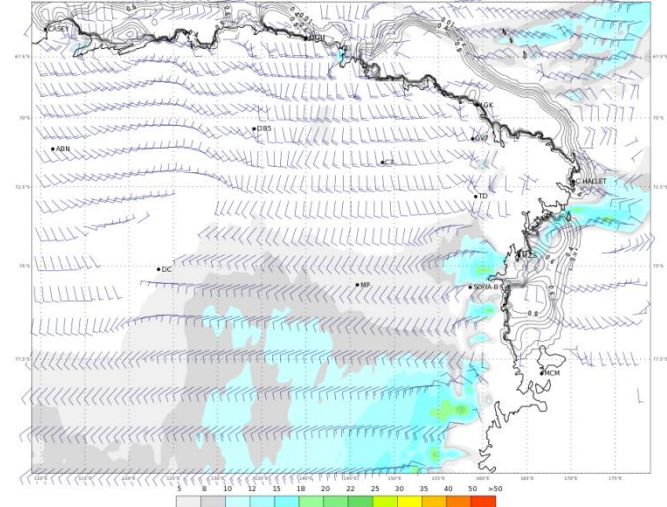
ECMWF 26 Gennaio 2018 00UTC Forecast T+18 VT: Venerdì 26 Gennaio 2018 18UTC  
Terra Vittoria - Geopotential at 500 hPa + 6h accumulated precipitation (mm)



ECMWF 26 Gennaio 2018 00UTC Forecast T+18 VT: Venerdì 26 Gennaio 2018 18UTC  
Terra Vittoria - temperature at 2 m (°C)



ECMWF 26 Gennaio 2018 00UTC Forecast T+18 VT: Venerdì 26 Gennaio 2018 18UTC  
Terra Vittoria - Wind at 10 m (kts)



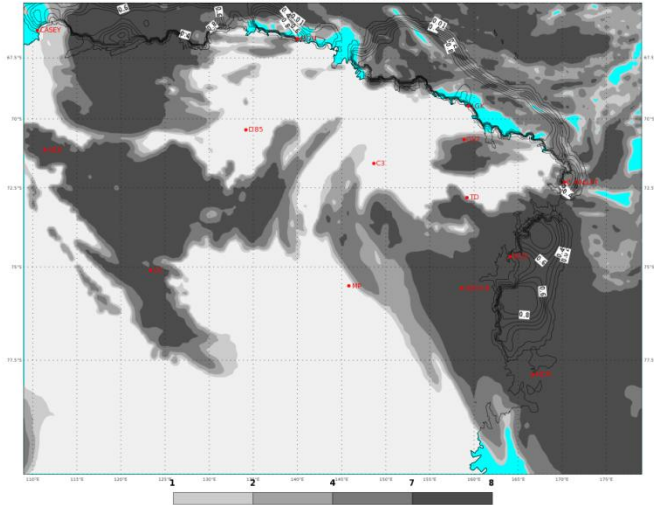


# PREVISIONI - FORECASTS

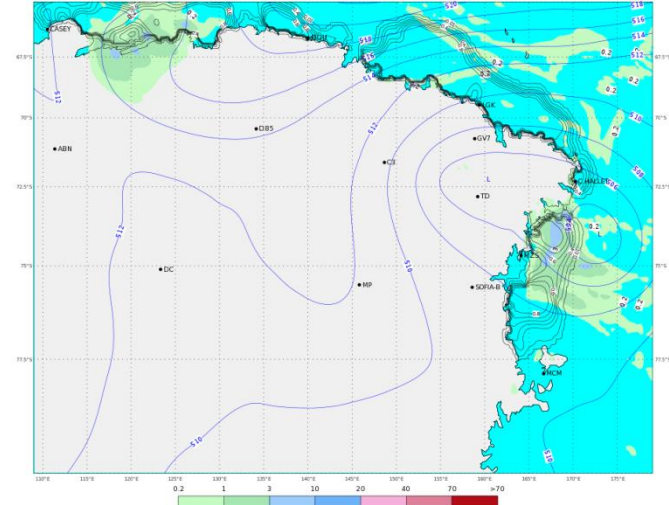
## OGGI - ORE 13 LT

## TODAY - 13 LT

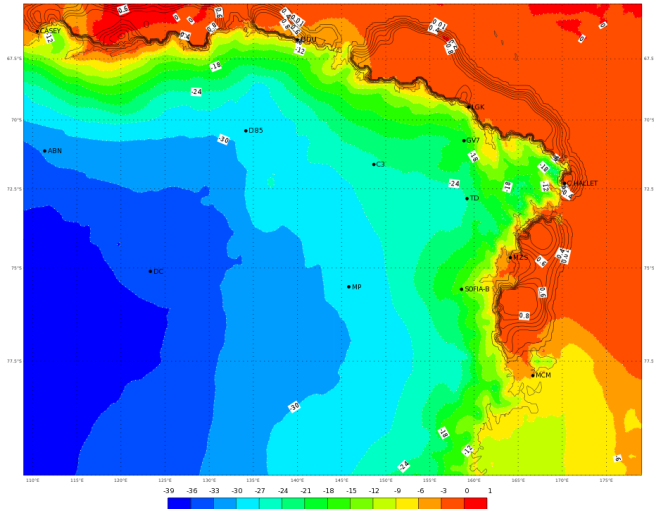
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Terra Vittoria - Total cloud cover (oct)



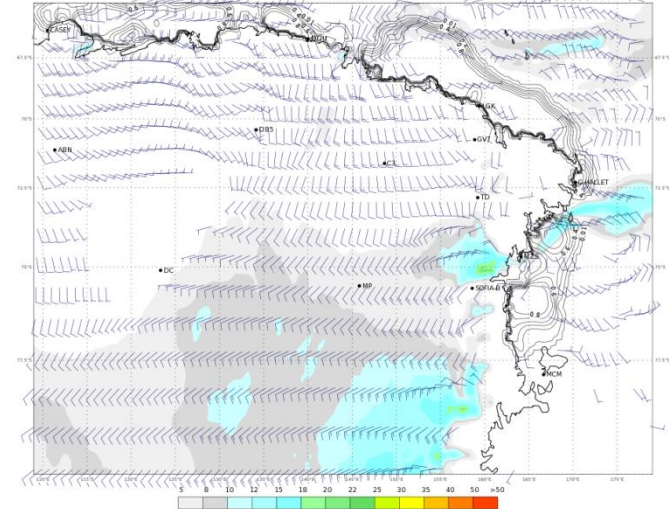
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Terra Vittoria - Geopotential at 500 hPa + 6h accumulated precipitation (mm)



ECMWF 26 Gennaio 2018 00UTC Forecast T+24 VT: Sabato 27 Gennaio 2018 00UTC  
Terra Vittoria - temperature at 2 m (°C)



ECMWF 26 Gennaio 2018 00UTC Forecast T+24 VT: Sabato 27 Gennaio 2018 00UTC  
Terra Vittoria - Wind at 10 m (kts)

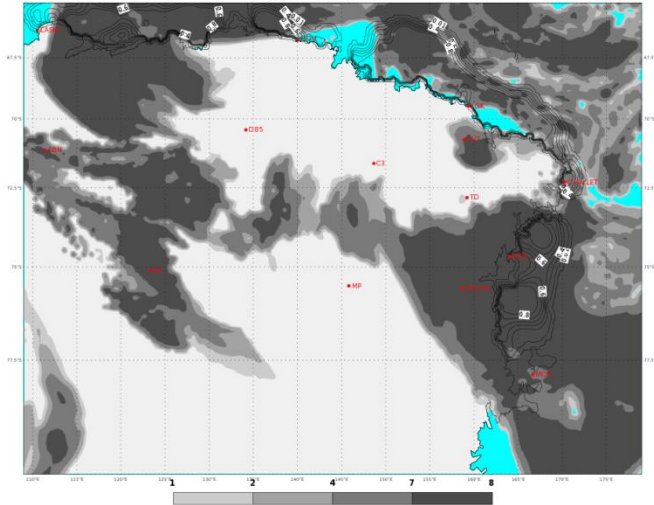


# PREVISIONI - FORECASTS

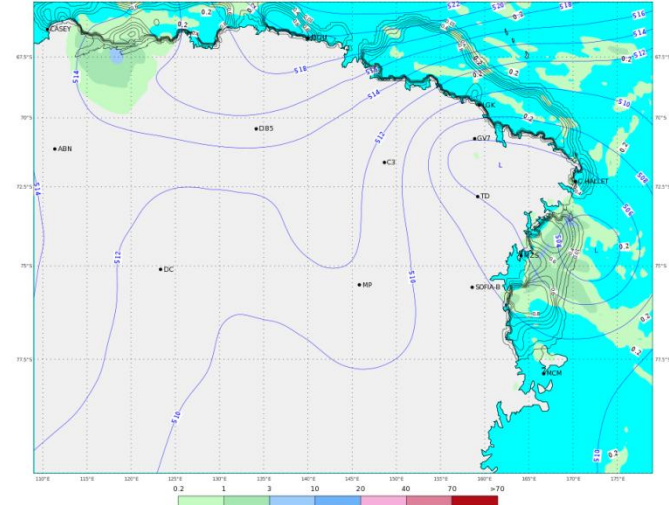
## OGGI - ORE 19 LT

## TODAY - 19 LT

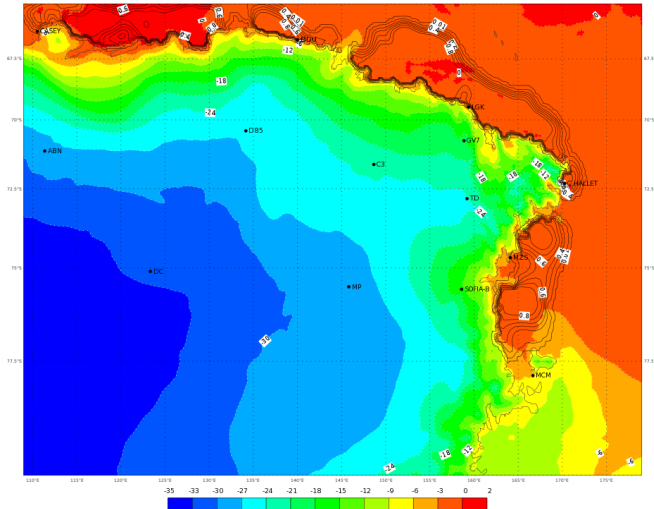
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Terra Vittoria - Total cloud cover (oct)



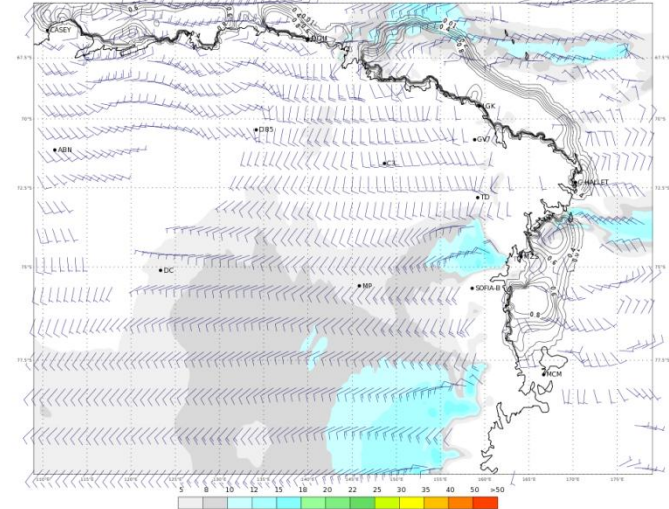
ECMWF 26 Gennaio 2018 00UTC Forecast T+30 VT: Sabato 27 Gennaio 2018 06UTC  
Terra Vittoria - Geopotential at 500 hPa + 6h accumulated precipitation (mm)



ECMWF 26 Gennaio 2018 00UTC Forecast T+30 VT: Sabato 27 Gennaio 2018 06UTC  
Terra Vittoria - temperature at 2 m (°C)






ECMWF 26 Gennaio 2018 00UTC Forecast T+30 VT: Sabato 27 Gennaio 2018 06UTC  
Terra Vittoria - Wind at 10 m (kts)



# WEATHER FORECAST FOR TODAY AT TERRA NOVA BAY

## Saturday 27/01/2018

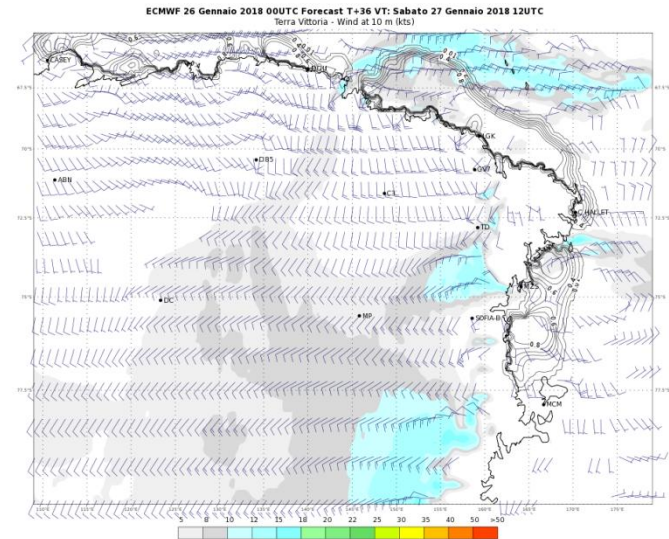
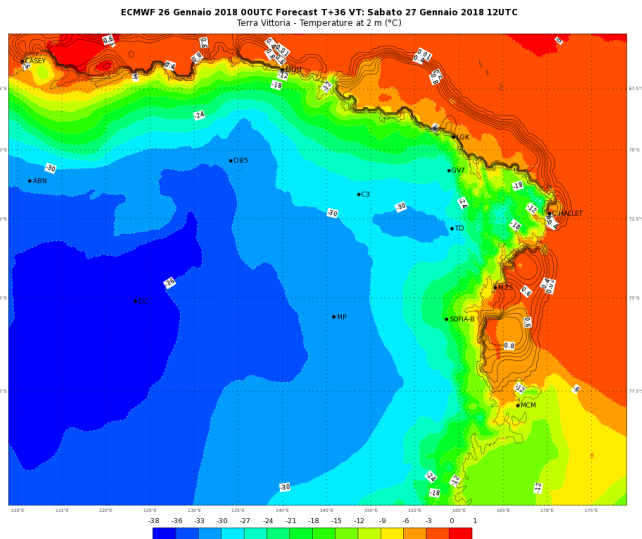
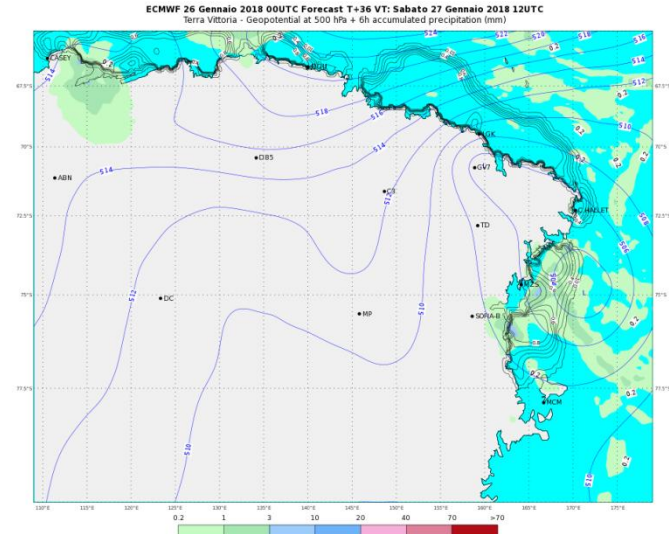
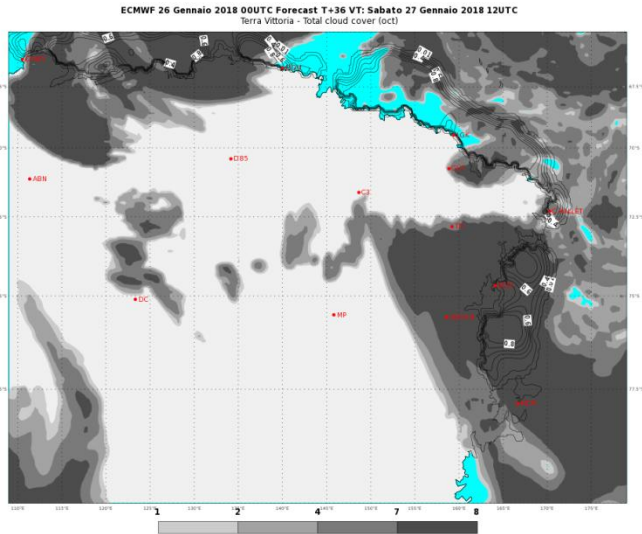
	ORE 07	ORE 13	ORE 19
CIELO			
FENOMENI	NIL	NIL	NIL
VENTO MZS	WSW 25/35 KT	VRB 07 KT	WSW 10/15 KT
VENTO BOULDER	WSW 30/40 KT	WSW 10/15 KT	WSW 15/25 KT
TEMPERATURA [°C]	-03/-01 °C	-03/-01 °C	-03/-01 °C
WIND CHILL [°C]	-14/-11 °C	-08/-05 °C	-11/-09 °C
STATO DEL MARE	POCO MOSSO O MOSSO	POCO MOSSO O MOSSO	POCO MOSSO



# PREVISIONI - FORECASTS

## DOMANI - ORE 01 LT

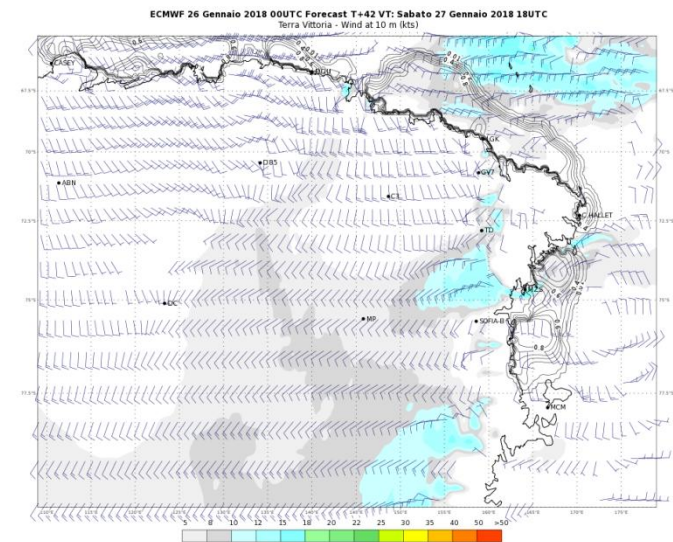
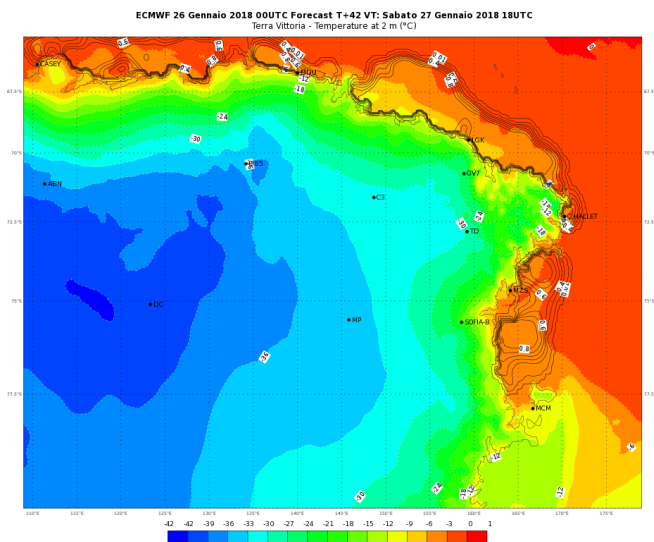
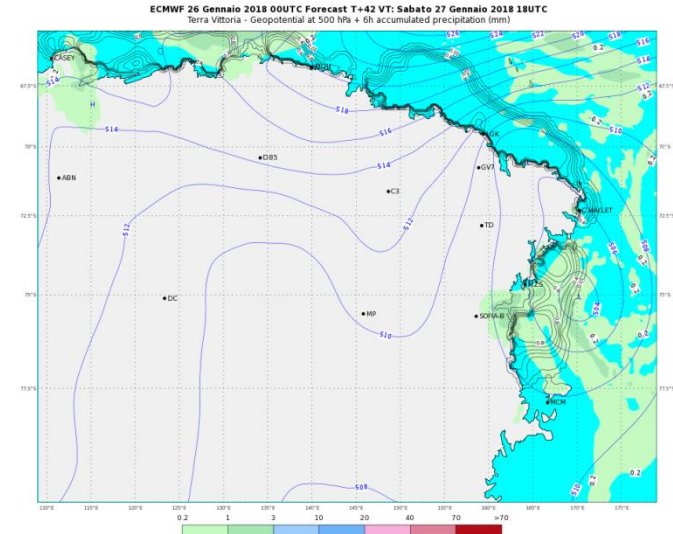
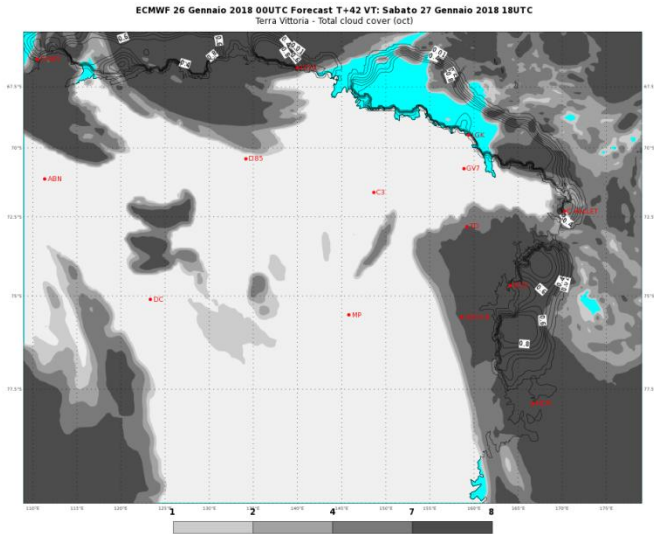
## TOMORROW - 01 LT



# PREVISIONI - FORECASTS

## DOMANI - ORE 07 LT

## TOMORROW - 07 LT

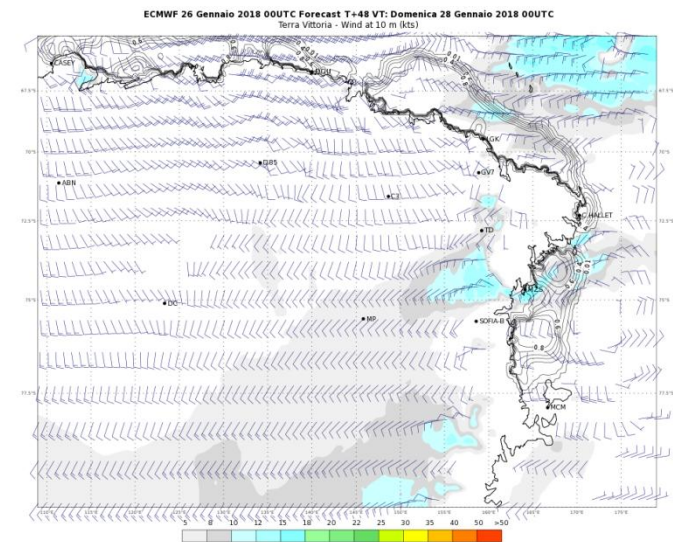
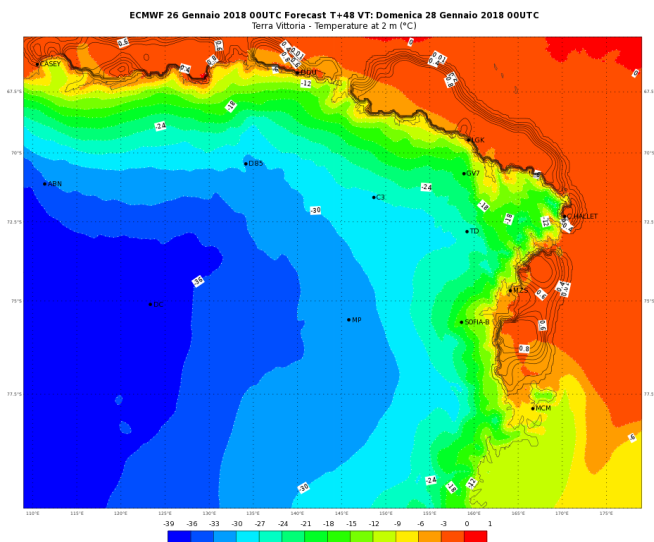
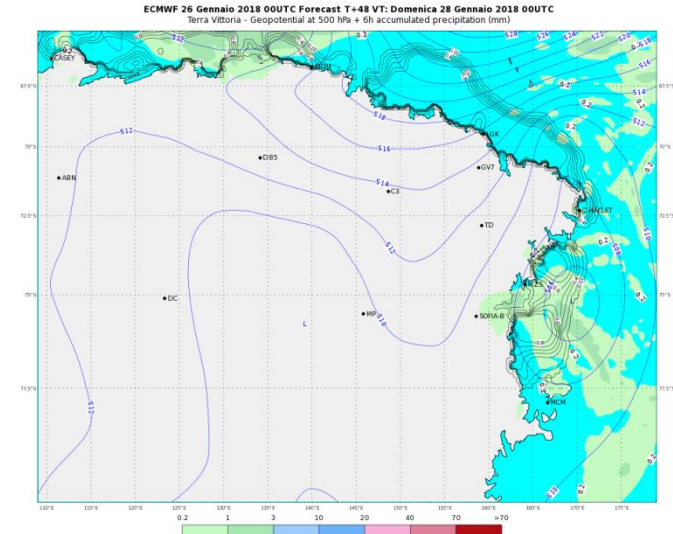
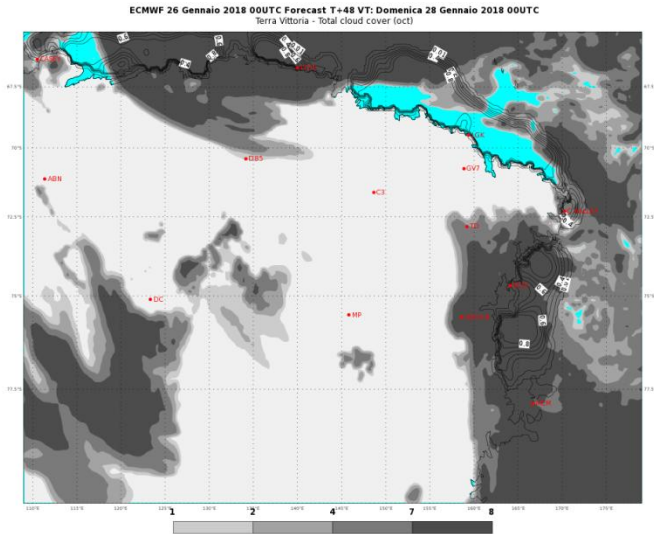




# PREVISIONI - FORECASTS

## DOMANI - ORE 13 LT

## TOMORROW - 13 LT

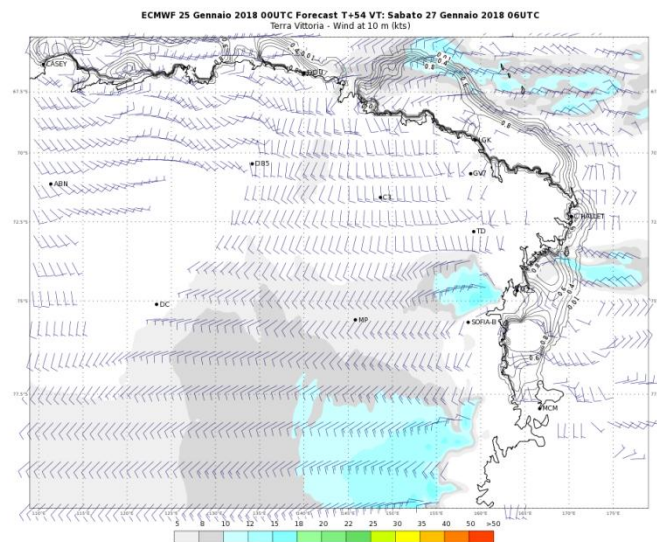
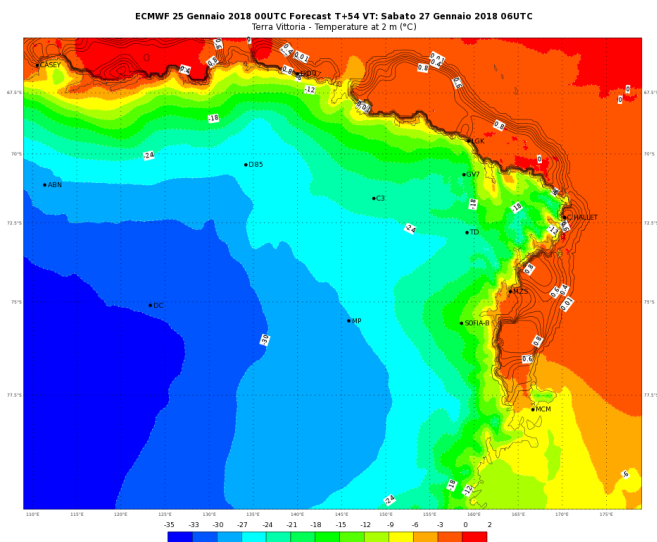
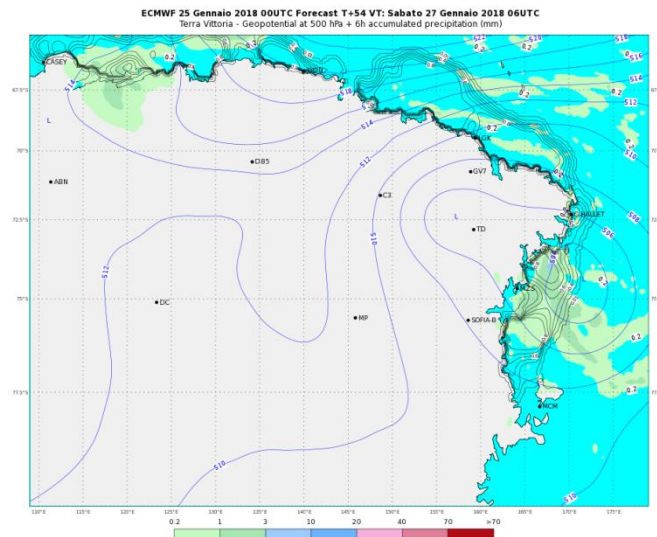
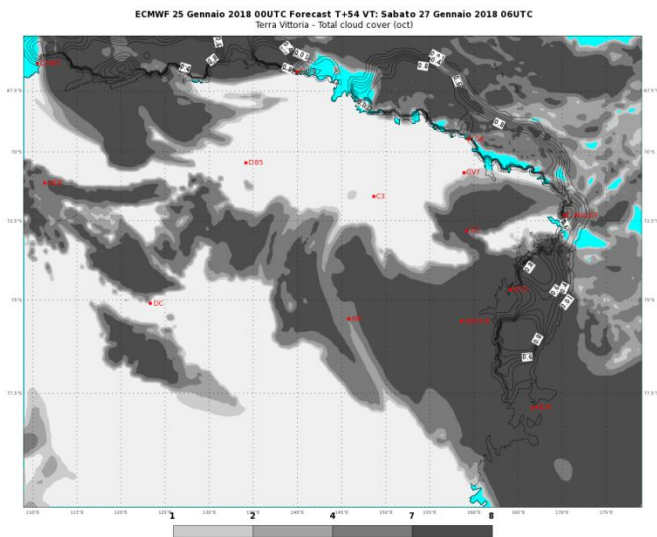




# PREVISIONI - FORECASTS




## DOMANI - ORE 19 LT

## TOMORROW - 19 LT





# WEATHER FORECAST FOR TOMORROW AT TERRA NOVA BAY

## Sunday 28/01/2018

	ORE 07	ORE 13	ORE 19
CIELO			
FENOMENI	NIL	NIL	NIL
VENTO MZS	WSW 15/20 KT	WSW 20/25 KT	WSW 10/15 KT
VENTO BOULDER	WSW 25/30 KT	WSW 25/35 KT	WSW 20/25 KT
TEMPERATURA [°C]	-05/-03 °C	-05/-03 °C	-05/-03 °C
WIND CHILL [°C]	-14/-11 °C	-15/-12 °C	-13/-10 °C
STATO DEL MARE	POCO MOSSO O MOSSO	POCO MOSSO O MOSSO	<b>MOSSO</b>

# WEATHER TENDENCY AT TERRA NOVA BAY

Monday 29/01/2018

	MATTINO	POMERIGGIO
CIELO		
FENOMENI	POSSIBILE NEVE DEBOLE	NEVE DEBOLE
VENTO MZS	WSW 10/15 KT	WSW 10/15 KT
VENTO BOULDER	WSW 15/20 KT	WSW 15/20 KT
TEMPERATURA [°C]	-07/-05 °C	-06/-04 °C
WIND CHILL [°C]	-16/-13 °C	-15/-12 °C
STATO DEL MARE	POCO MOSSO O MOSSO	POCO MOSSO O MOSSO

[http://mzs-pdc.mzs.pnra.it/meteo/bollettino\\_meteo.pdf](http://mzs-pdc.mzs.pnra.it/meteo/bollettino_meteo.pdf)

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# Extreme Values of Yesterday

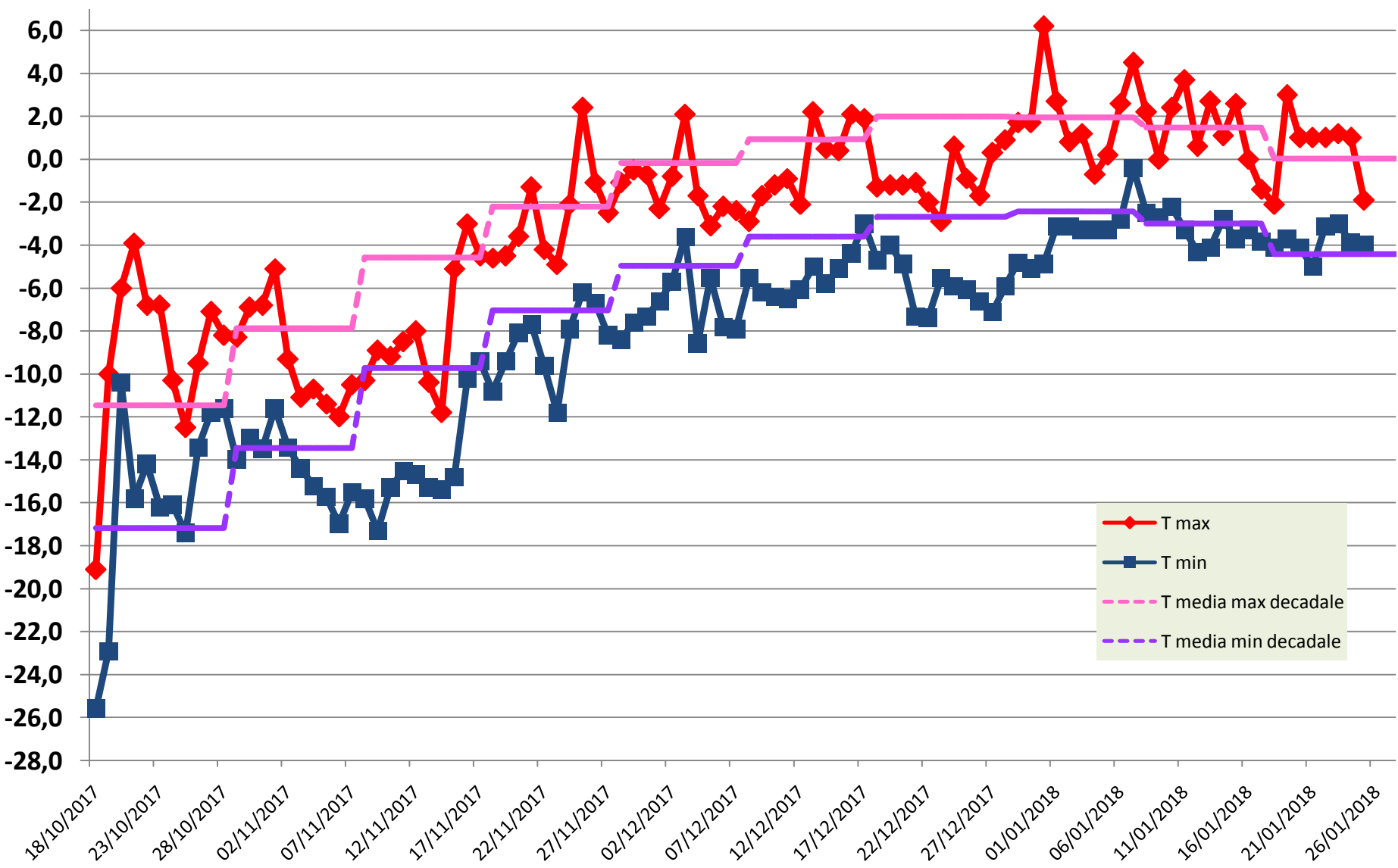


<b>26/01/2018 UTC time (13:00 25/01 - 13:00 26/01)</b>		
<b>MAX temperature</b>	<b>(ore 04:27/L)</b>	<b>-1.9°C</b>
<b>MIN temperature</b>	<b>(ore 01:24/L)</b>	<b>-4.0 °C</b>
<b>MAX humidity</b>	<b>(ore 13:53/L)</b>	<b>100 %</b>
<b>MIN humidity</b>	<b>(ore 06:54/L)</b>	<b>69 %</b>
<b>MAX wind direction/speed</b>	<b>(ore 06:04/L)</b>	<b>259/38.9 KT</b>

**Remark:** *the reported values are referred to the previous day in terms of Universal Time and not in local time (UTC+13).*

# Temperature measured during the XXXIII Expedition

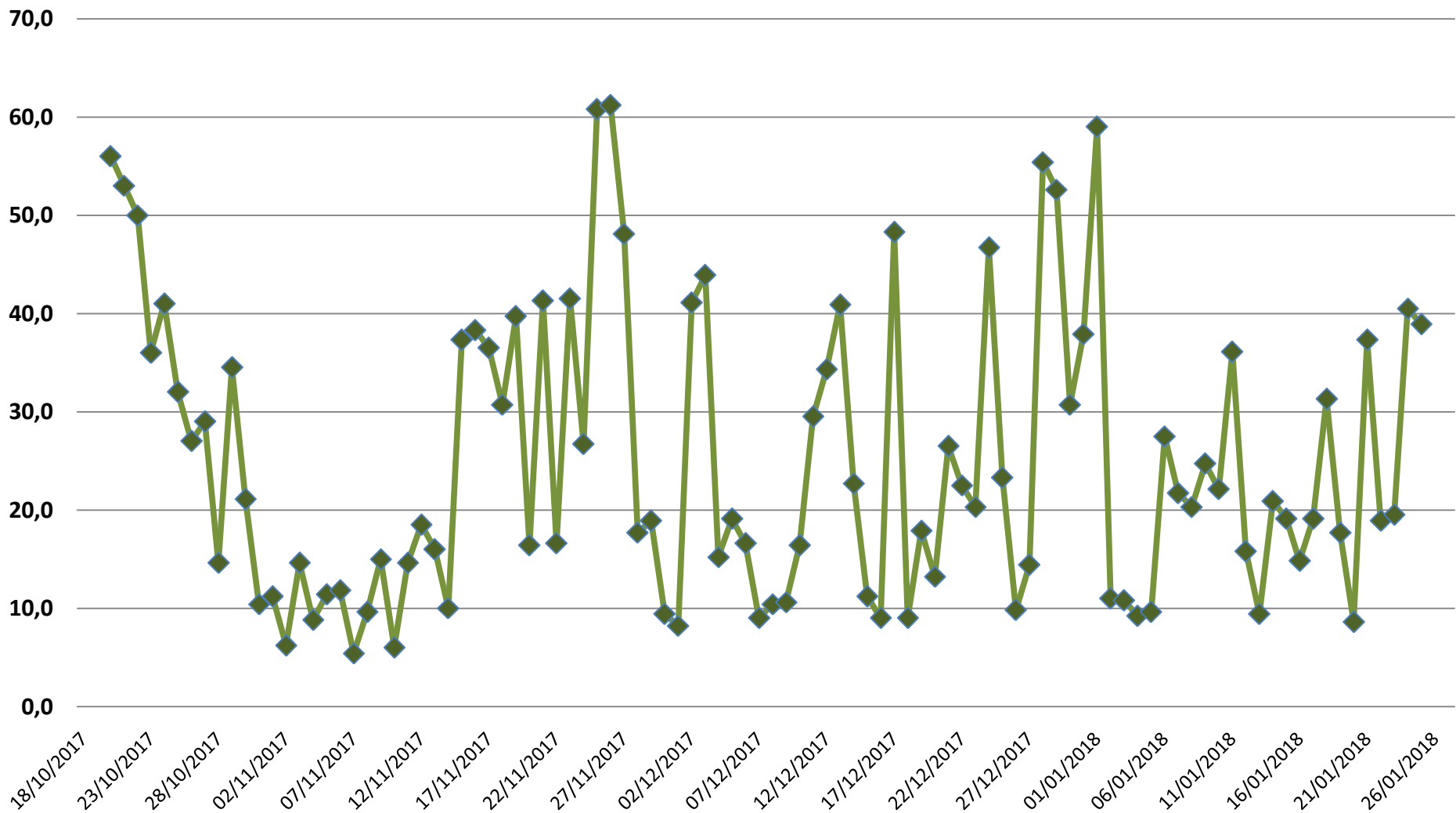
ENEIDE weather station (MZS) - Antarctic Climatology Observatory





# MAX wind [kt] measured during the XXXIII Expedition

ENEIDE weather station (MZS) - Antarctic Climatology Observatory





**Per ulteriori informazioni contattare  
l'Ufficio Meteorologico di MZS  
int. 510**

**For further information please contact  
MZS Met Office  
ext. 510**

*AVVERTENZA/WARNING*

*Le presenti informazioni NON sono destinate alla pianificazione di volo e/o pre-volo  
The informations here presented are NOT intended for flight planning and/or pre-flight*

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