



# WEATHER

*Meteorological observations and forecasts*

**Friday 19/01/2018**

*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

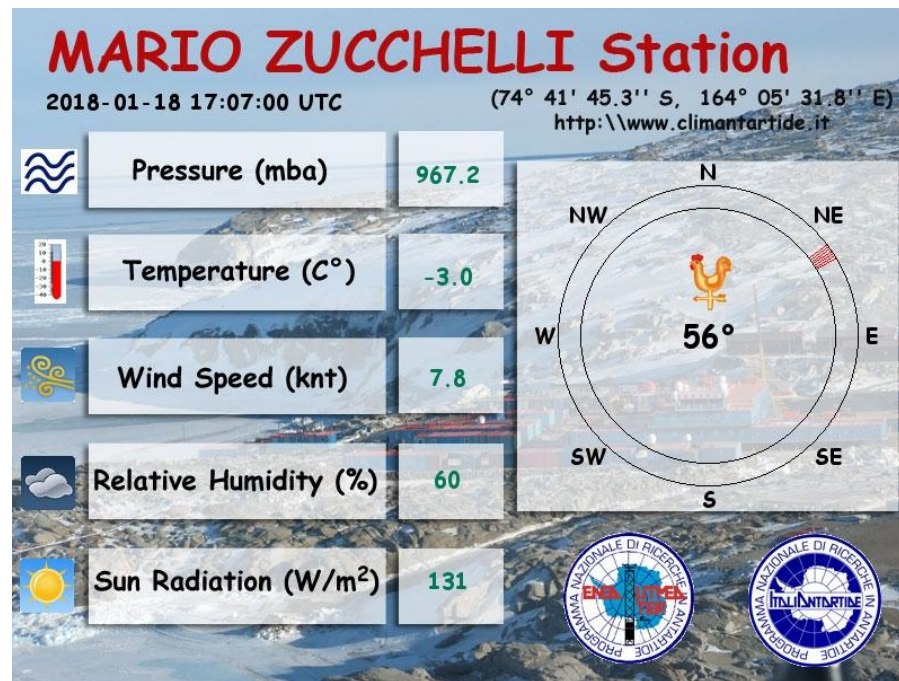
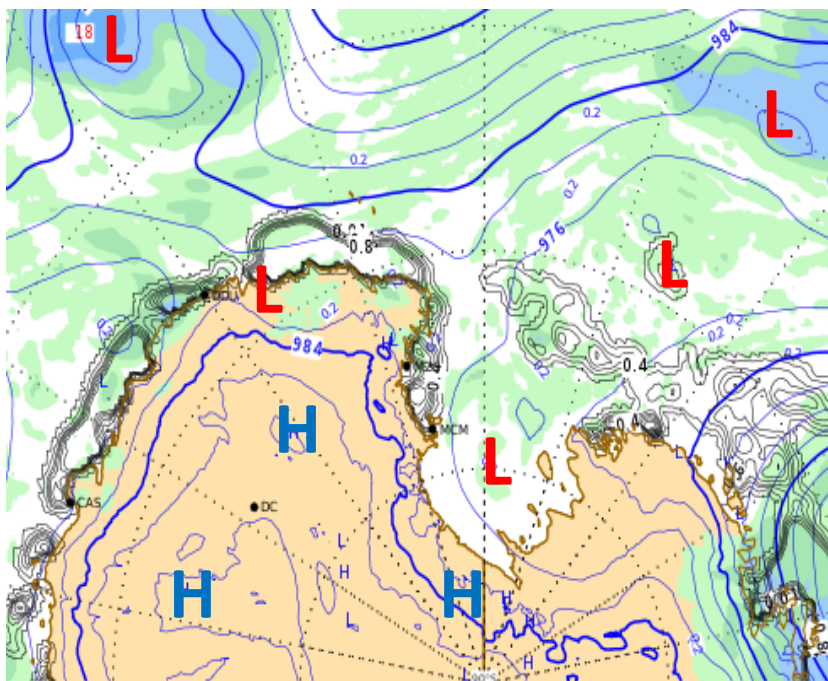
Meteorological observations and forecasts



## Friday 19/01/2018

Sea Level Pressure + Precipitation at 07:00

Latest Report

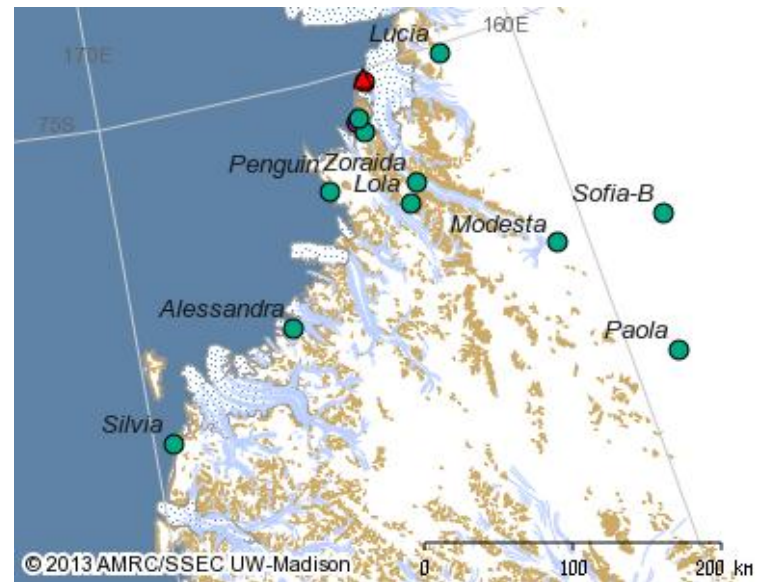
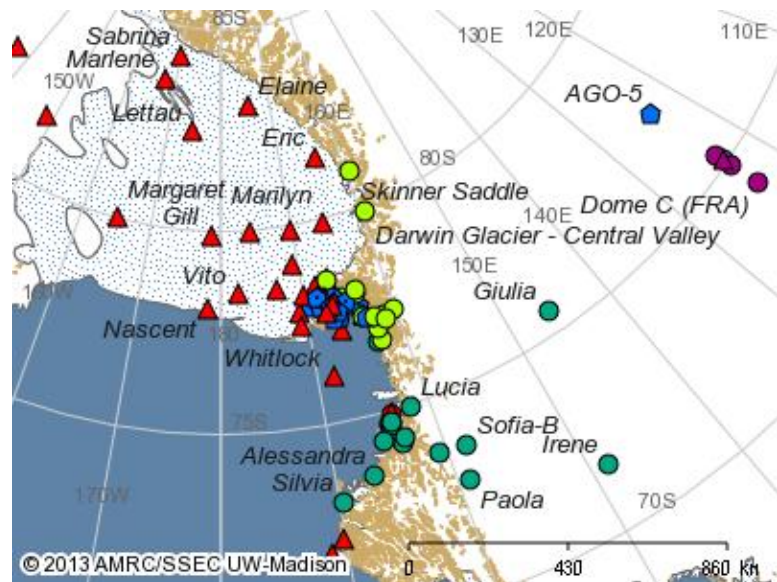


**VENTO AREA BOULDER: WSW 25 KT (06:05 loc time recorded)**

# 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	2018-01-18 16:00	310	1	3	-4.8	-4.2	-5.0	97	959.3
Arelis	2018-01-18 16:00	160	5	8	-3.1	-3.0	-5.1	11	958.3
Concordia	2018-01-18 16:00	140	5	6	-35.8	-34.8	-36.5	67	641.1
Eneide	2018-01-18 16:00	20	5	15	-2.7	-1.8	-3.0	58	967.3
Giulia	2018-01-18 16:00	170	11	15	-23.5	-23.3	-23.5	75	709.6
Lola	2018-01-18 16:00	10	6	24	-14.5	-12.9	-14.6	66	794.3
Modesta	2018-01-18 16:00	280	6	9	-21.9	-19.1	-21.9	79	758.6
Paola	2018-01-07 14:00	80	6	7	-21.6	-21.3	-22.2	82	//
Rita	2018-01-18 16:00	270	26	33	-3.9	-3.4	-5.5	57	945.0
Silvia	2018-01-18 16:00	0	0	1	-6.8	-6.6	-7.3	//	915.0
Sofiab	2018-01-18 16:00	180	8	12	-17.3	-15.1	-19.3	55	802.3
Zoraida	2018-01-18 16:00	310	20	23	-8.5	-7.9	-9.0	67	877.0

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



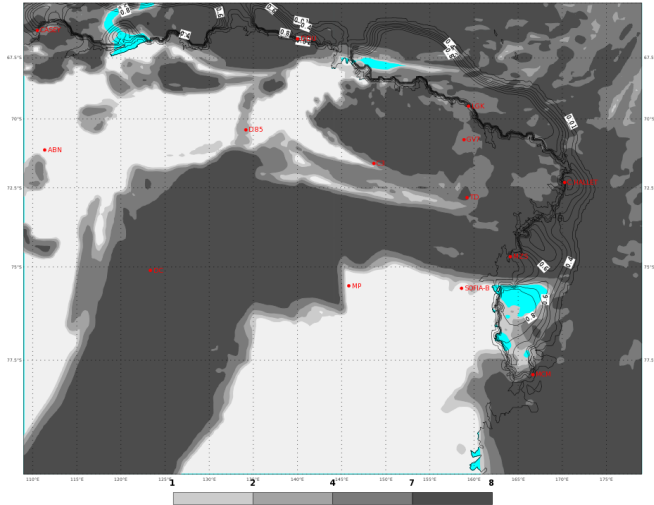
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# PREVISIONI - FORECASTS

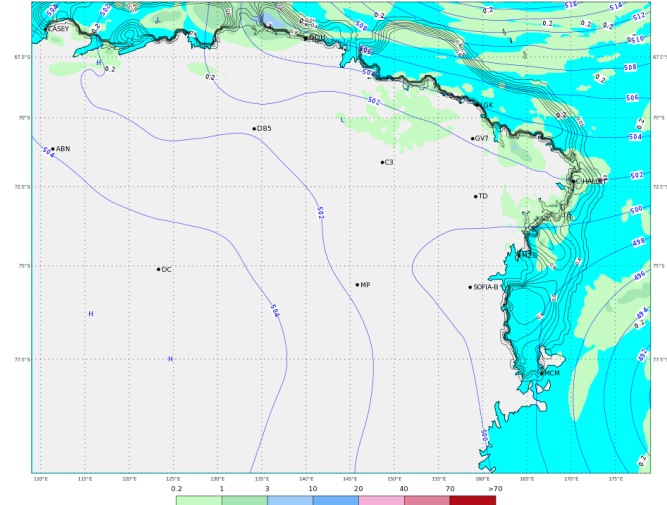
## OGGI - ORE 07 LT

## TODAY - 07 LT

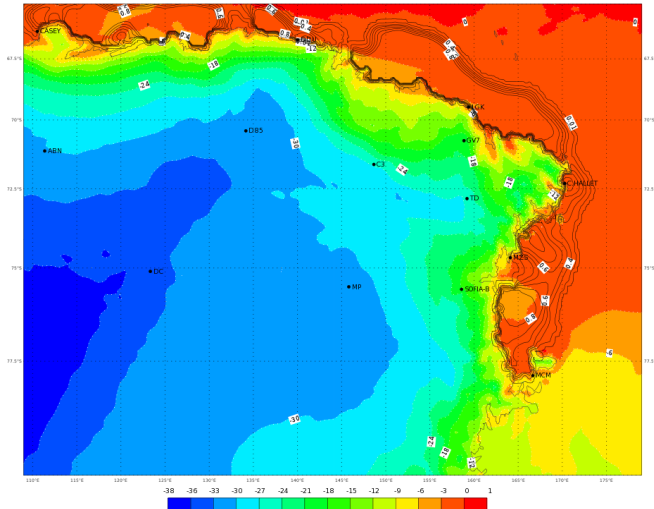
ECMWF 18 Gennaio 2018 00UTC Forecast T+18 VT: Giovedì 18 Gennaio 2018 18UTC  
Terra Vittoria - Total cloud cover (oct)



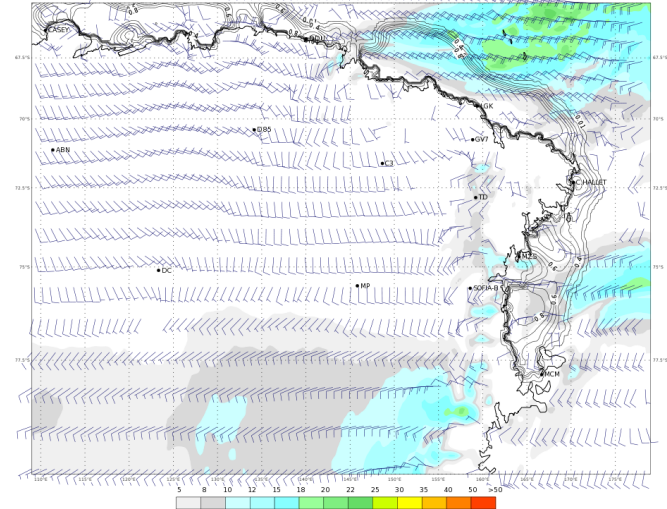
ECMWF 18 Gennaio 2018 00UTC Forecast T+18 VT: Giovedì 18 Gennaio 2018 18UTC  
Terra Vittoria - Geopotential at 500 hPa + 6h accumulated precipitation (mm)



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



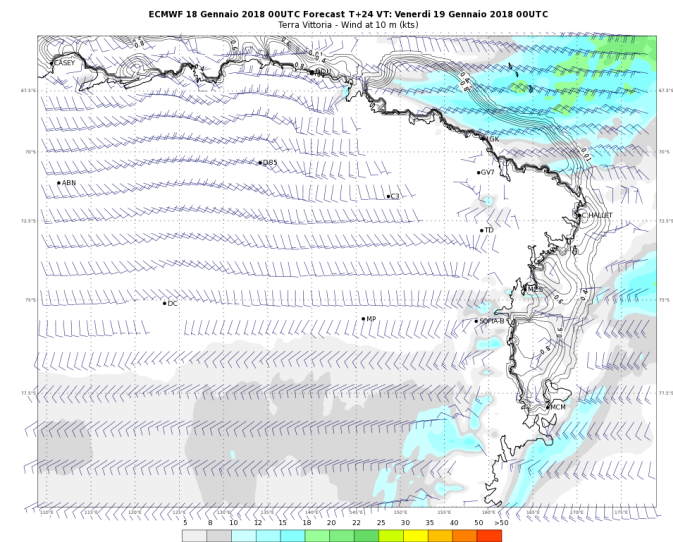
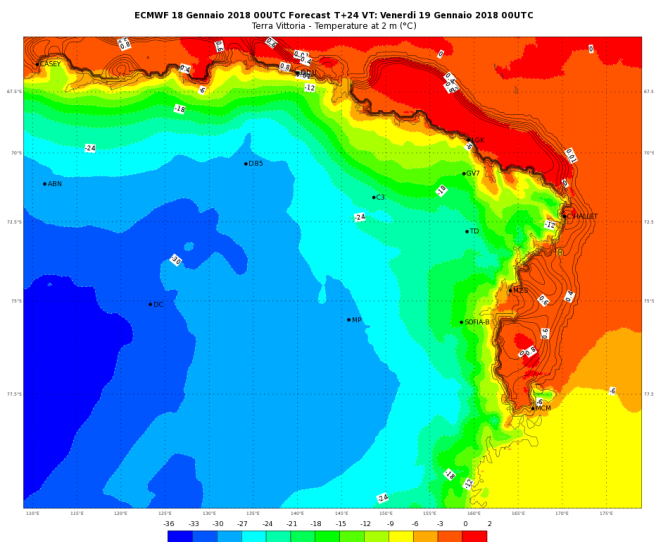
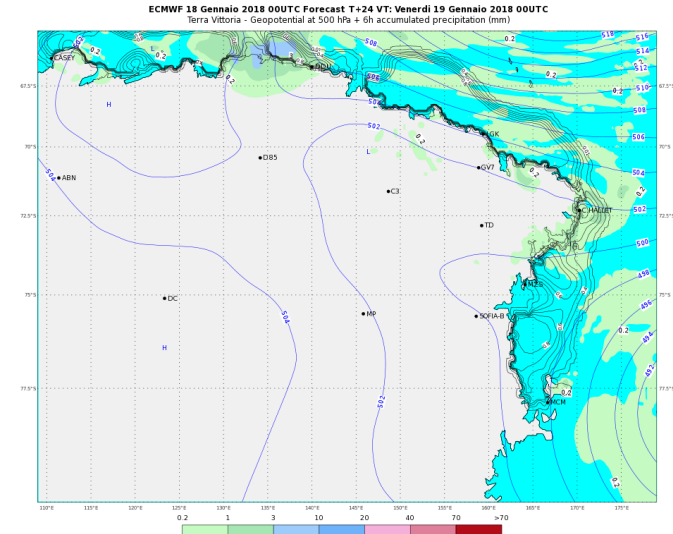
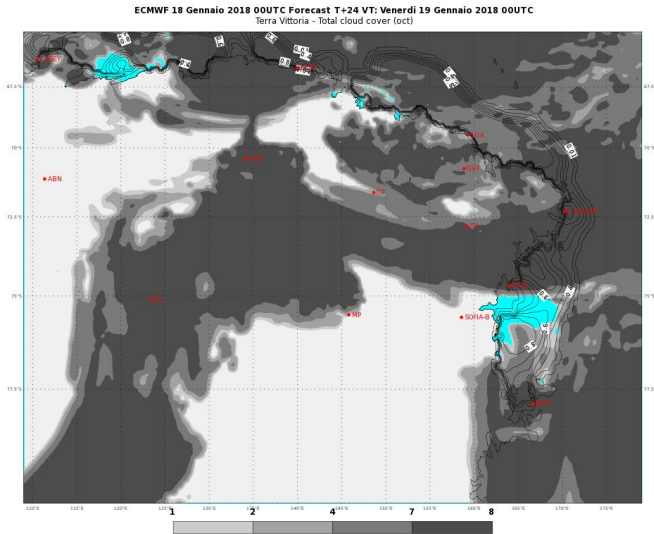
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Terra Vittoria - Wind at 10 m (kts)



# PREVISIONI - FORECASTS

## OGGI - ORE 13 LT

## TODAY - 13 LT

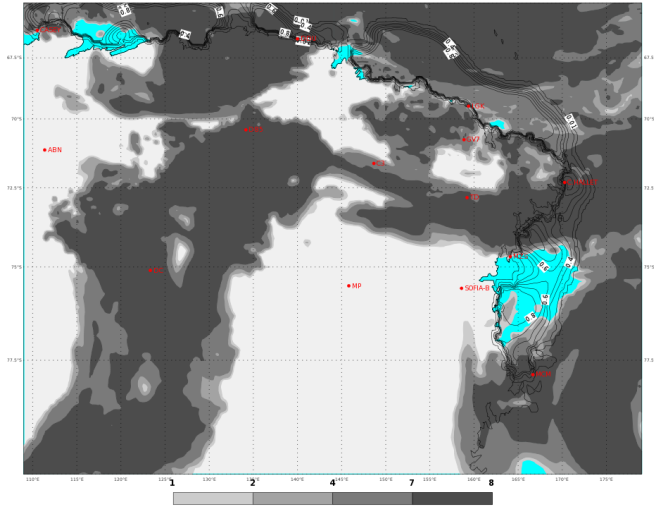


# PREVISIONI - FORECASTS

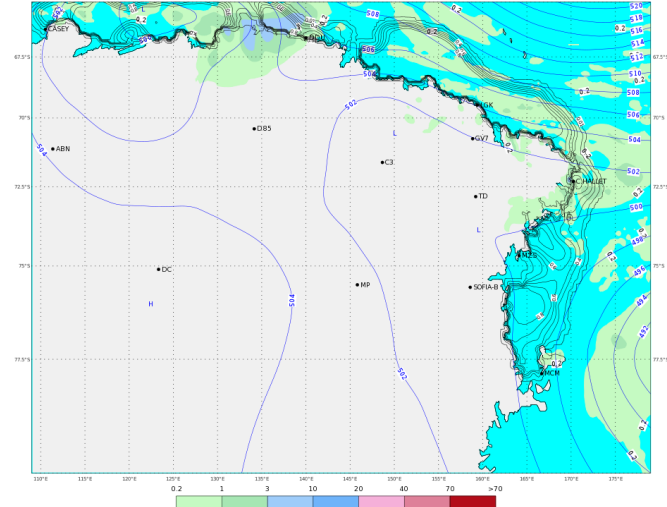
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## TODAY - 19 LT

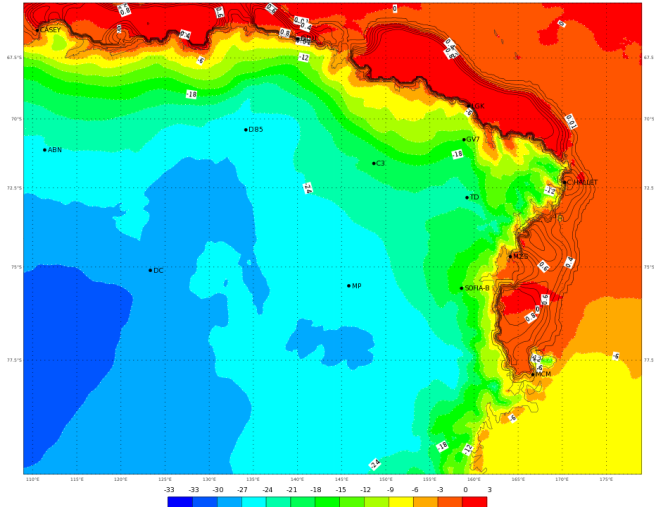
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Terra Vittoria - Total cloud cover (oct)



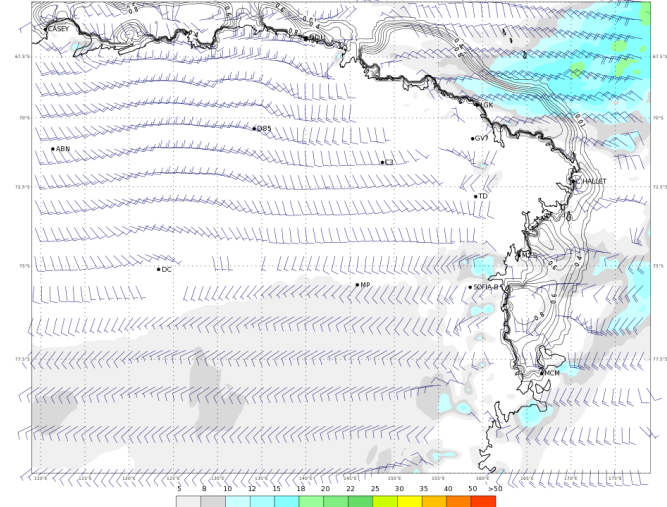
ECMWF 18 Gennaio 2018 00UTC Forecast T+30 VT: Venerdì 19 Gennaio 2018 06UTC  
Terra Vittoria - Geopotential at 500 hPa + 6h accumulated precipitation (mm)



ECMWF 18 Gennaio 2018 00UTC Forecast T+30 VT: Venerdì 19 Gennaio 2018 06UTC  
Terra Vittoria - Temperature at 2 m (°C)






ECMWF 18 Gennaio 2018 00UTC Forecast T+30 VT: Venerdì 19 Gennaio 2018 06UTC  
Terra Vittoria - Wind at 10 m (kts)



# WEATHER FORECAST FOR TODAY AT TERRA NOVA BAY

## Friday 19/01/2018

	ORE 07	ORE 13	ORE 19
CIELO			
FENOMENI	NIL	NIL	NIL
VENTO MZS	VRB 05/07 KT	VRB 05/07 KT	VRB 05/07 KT
VENTO BOULDER	WSW 20/25 KT	VRB 05/07 KT	VRB 05/07 KT
TEMPERATURA [°C]	-04/-02 °C	-03/-01 °C	-02/00 °C
WIND CHILL [°C]	-09/-06 °C	-08/-05 °C	-06/-03 °C
AVVISI	NIL	NIL	NIL

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

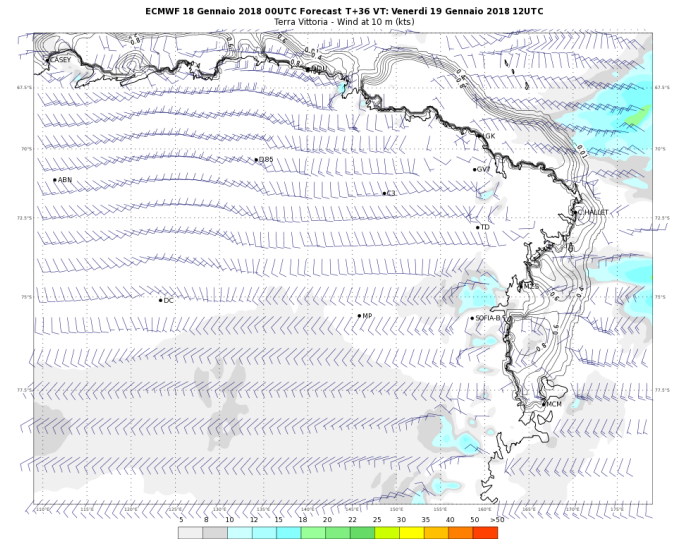
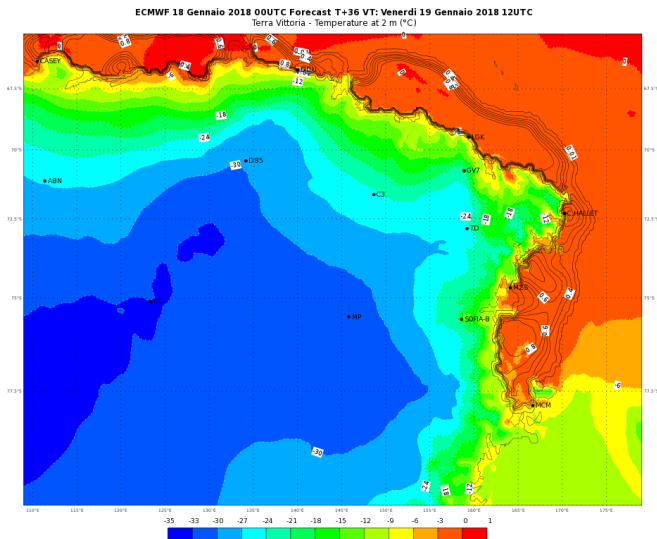
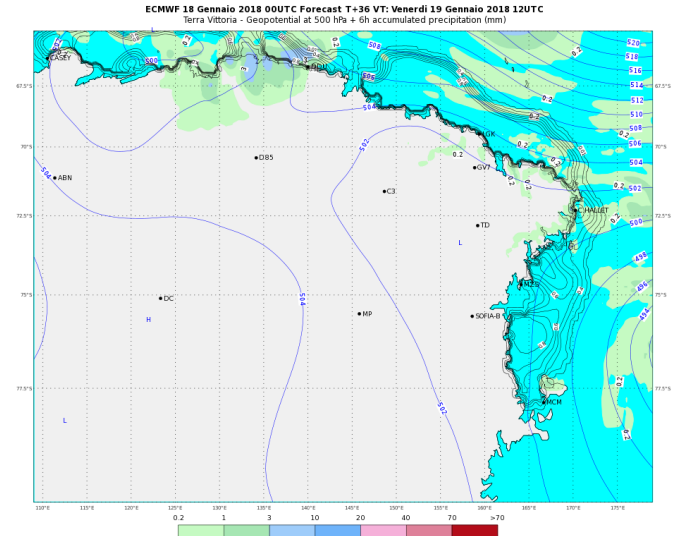
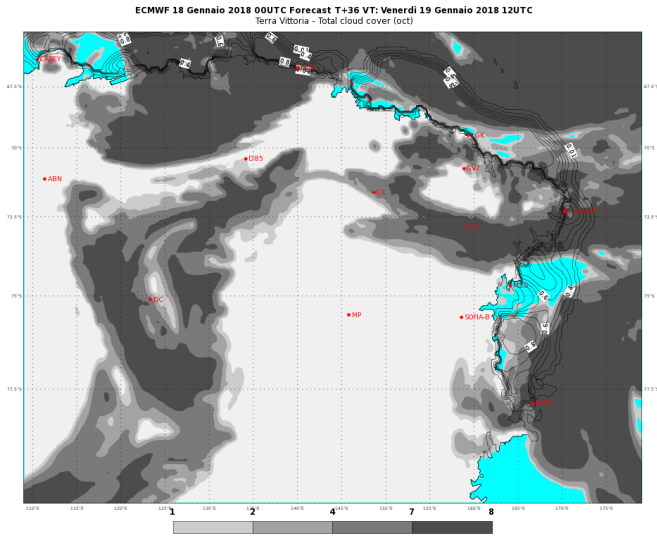
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# PREVISIONI - FORECASTS

## DOMANI - ORE 01 LT

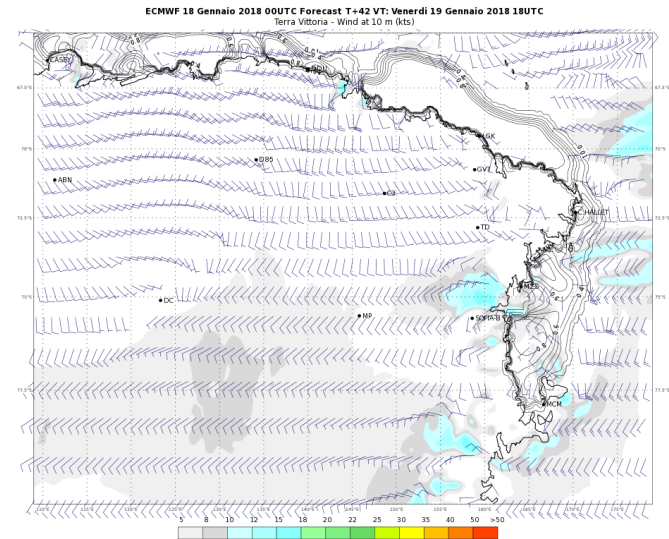
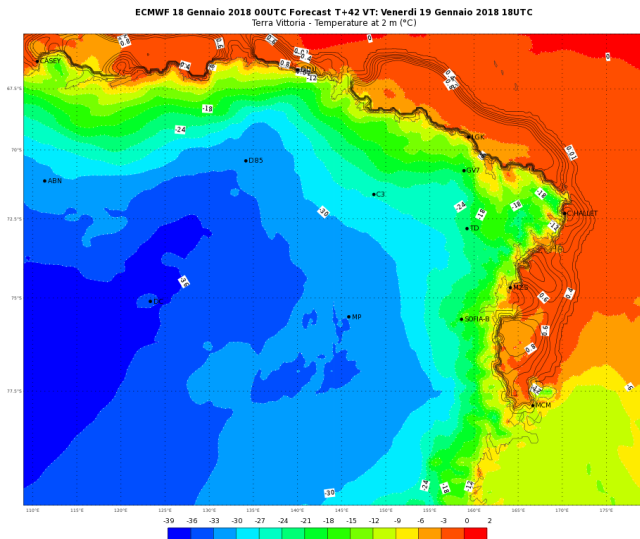
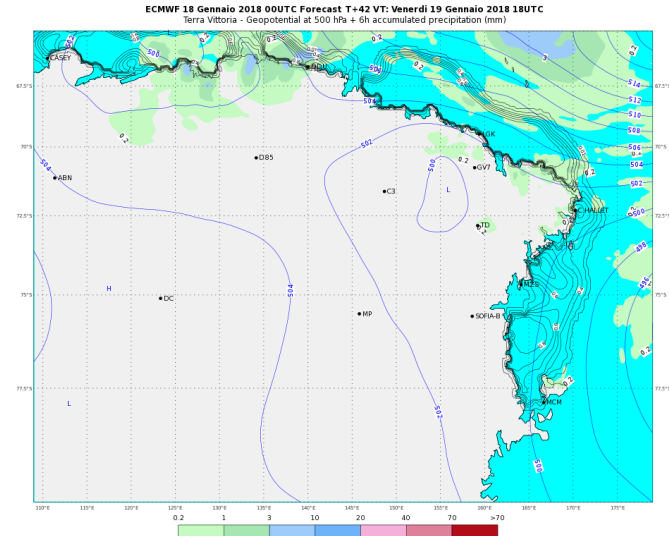
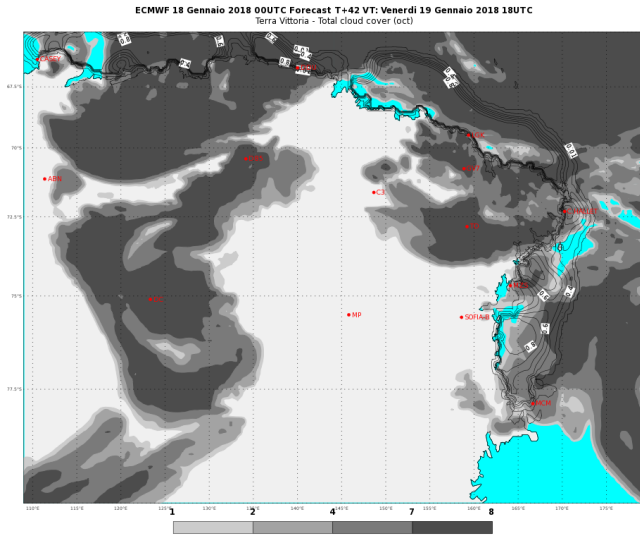
## TOMORROW - 01 LT



# PREVISIONI - FORECASTS

## DOMANI - ORE 07 LT

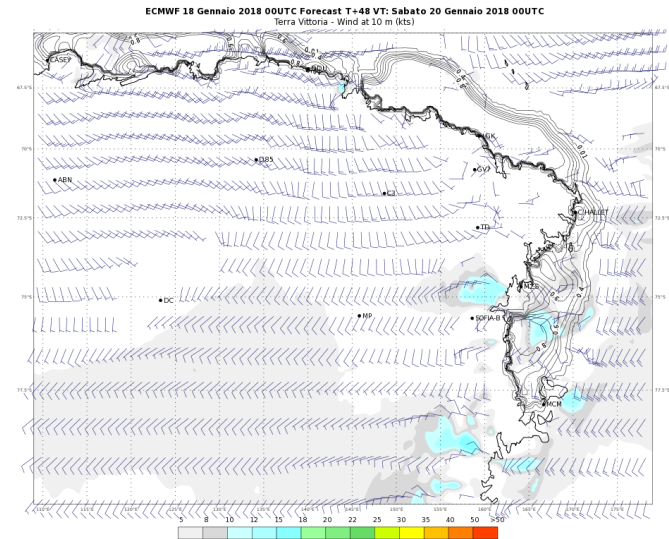
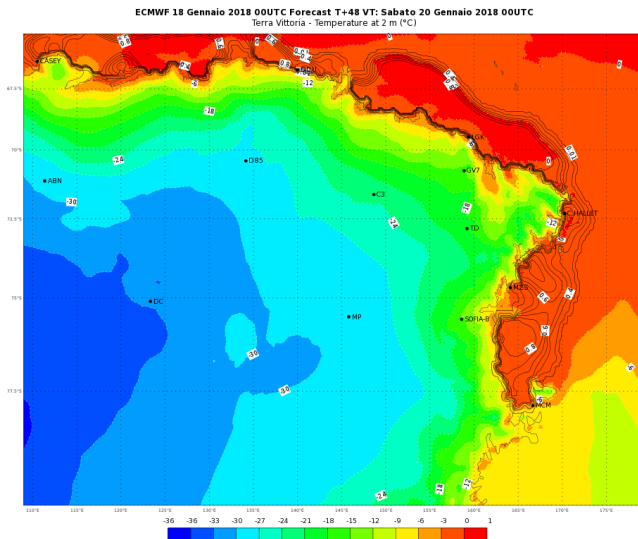
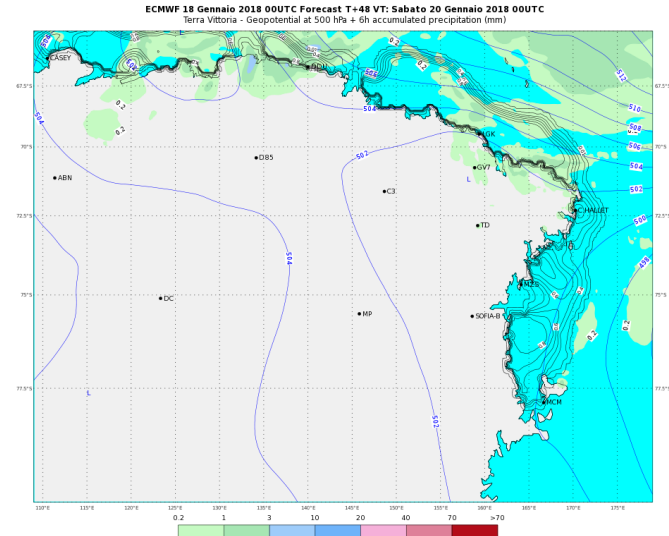
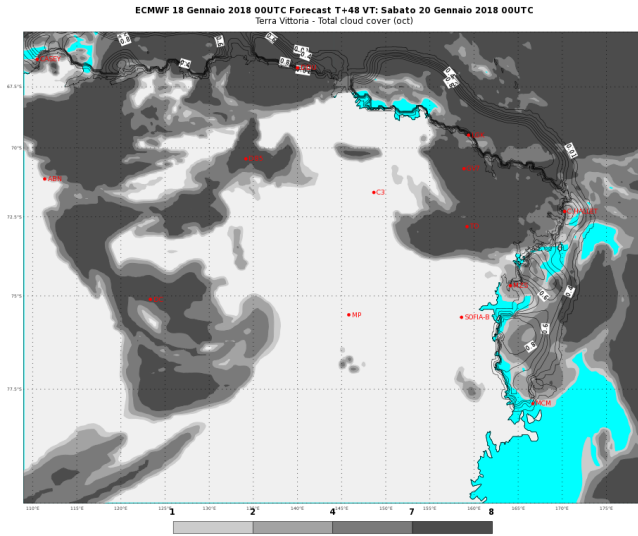
## TOMORROW - 07 LT



# PREVISIONI - FORECASTS

## DOMANI - ORE 13 LT

## TOMORROW - 13 LT

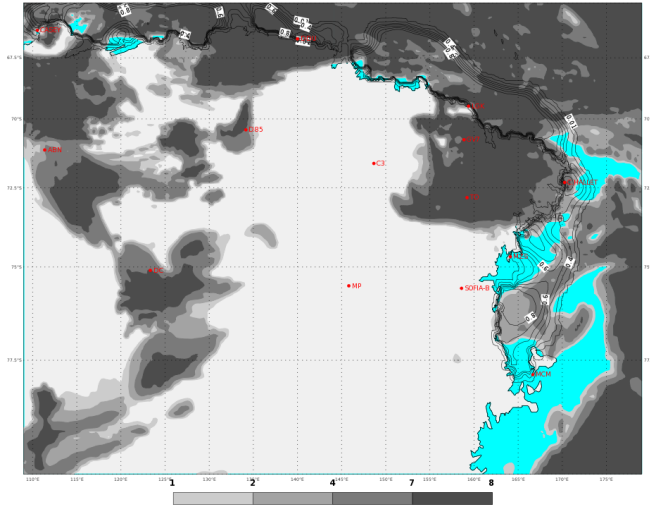


# PREVISIONI - FORECASTS

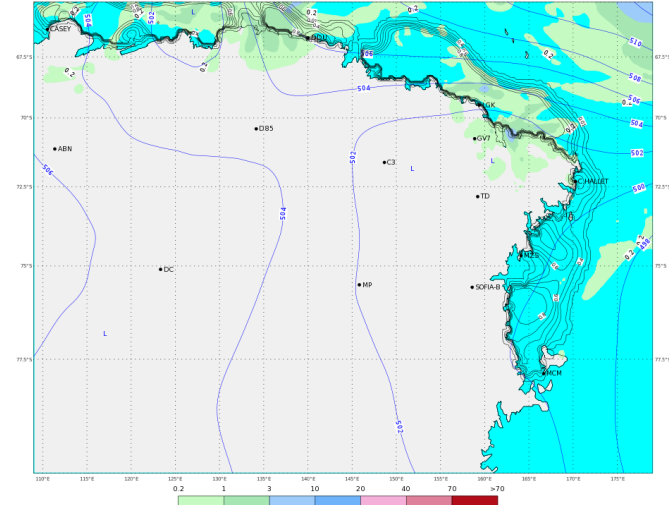
## DOMANI - ORE 19 LT

## TOMORROW - 19 LT

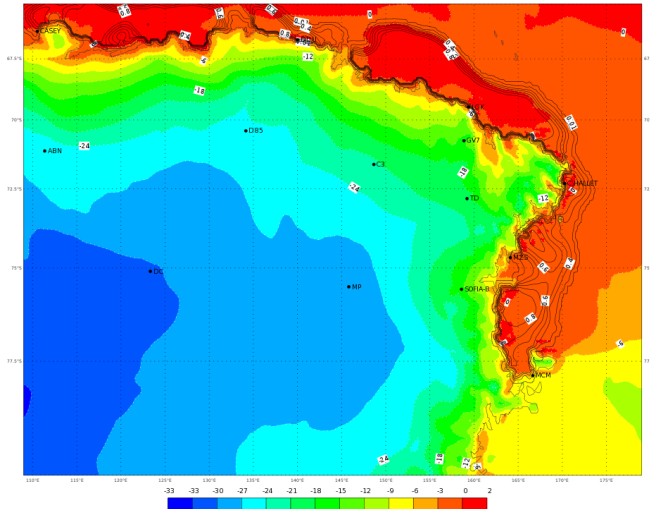
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Terra Vittoria - total cloud cover (oct)



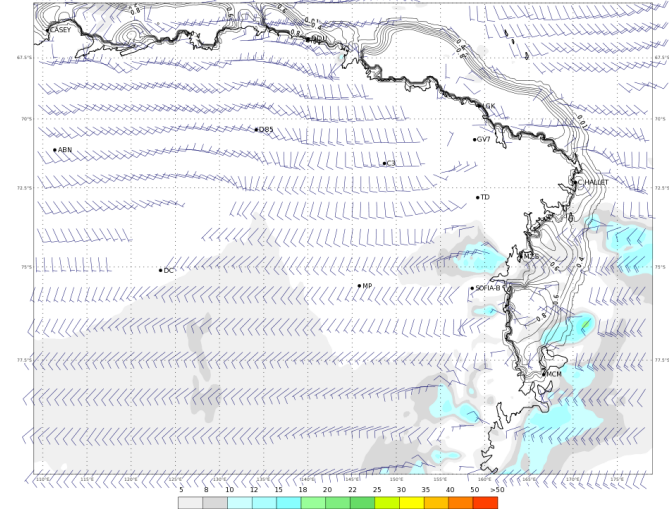
ECMWF 18 Gennaio 2018 00UTC Forecast T+54 VT: Sabato 20 Gennaio 2018 06UTC  
Terra Vittoria - Geopotential at 500 hPa + 6h accumulated precipitation (mm)



ECMWF 18 Gennaio 2018 00UTC Forecast T+54 VT: Sabato 20 Gennaio 2018 06UTC  
Terra Vittoria - temperature at 2 m (°C)






ECMWF 18 Gennaio 2018 00UTC Forecast T+54 VT: Sabato 20 Gennaio 2018 06UTC  
Terra Vittoria - Wind at 10 m (kts)



# WEATHER FORECAST FOR TOMORROW AT TERRA NOVA BAY

## Saturday 20/01/2018



	ORE 07	ORE 13	ORE 19
CIELO			
FENOMENI	NIL	NIL	NIL
VENTO MZS	VRB 05/07 KT	WSW 05/10 KT	WNW 10/15 KT
VENTO BOULDER	VRB 05/07 KT	WSW 10/15 KT	WNW 20/25 KT
TEMPERATURA [°C]	-05/-03 °C	-04/-02 °C	-03/-01 °C
WIND CHILL [°C]	-10/-07 °C	-10/-07 °C	-10/-07 °C
AVVISI	NIL	NIL	NIL

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

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# WEATHER TENDENCY AT TERRA NOVA BAY

Sunday 21/01/2018

	MATTINO	POMERIGGIO
CIELO		
FENOMENI	NIL	NIL
VENTO MZS	WSW 15/20 KT	WNW 10/15 KT
VENTO BOULDER	WSW 25/30 KT	WNW 20/25 KT
TEMPERATURA [°C]	-05/-03 °C	-02/00 °C
WIND CHILL [°C]	-14/-11 °C	-09/-06 °C
AVVISI	NIL	NIL



# Extreme Values of Yesterday



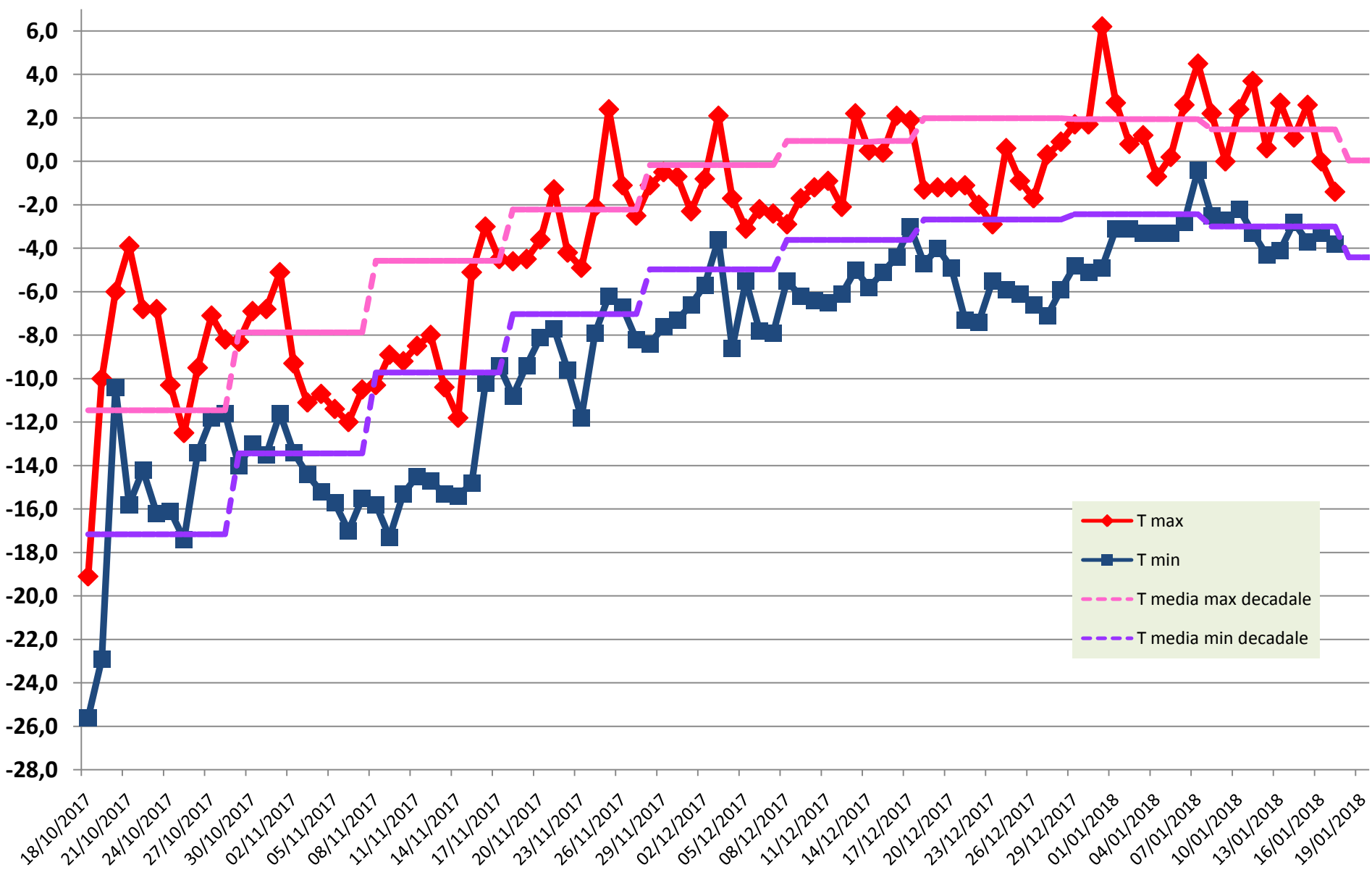
<b>18/01/2018 UTC time (13:00 17/01 - 13:00 18/01)</b>		
<b>MAX temperature</b>	<b>(ore 12:24/L)</b>	<b>-1.4°C</b>
<b>MIN temperature</b>	<b>(ore 09:04/L)</b>	<b>-3.8 °C</b>
<b>MAX humidity</b>	<b>(ore 03:43/L)</b>	<b>81 %</b>
<b>MIN humidity</b>	<b>(ore 12:27/L)</b>	<b>54 %</b>
<b>MAX wind direction/speed</b>	<b>(ore 23:12/L)</b>	<b>293/19.1 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

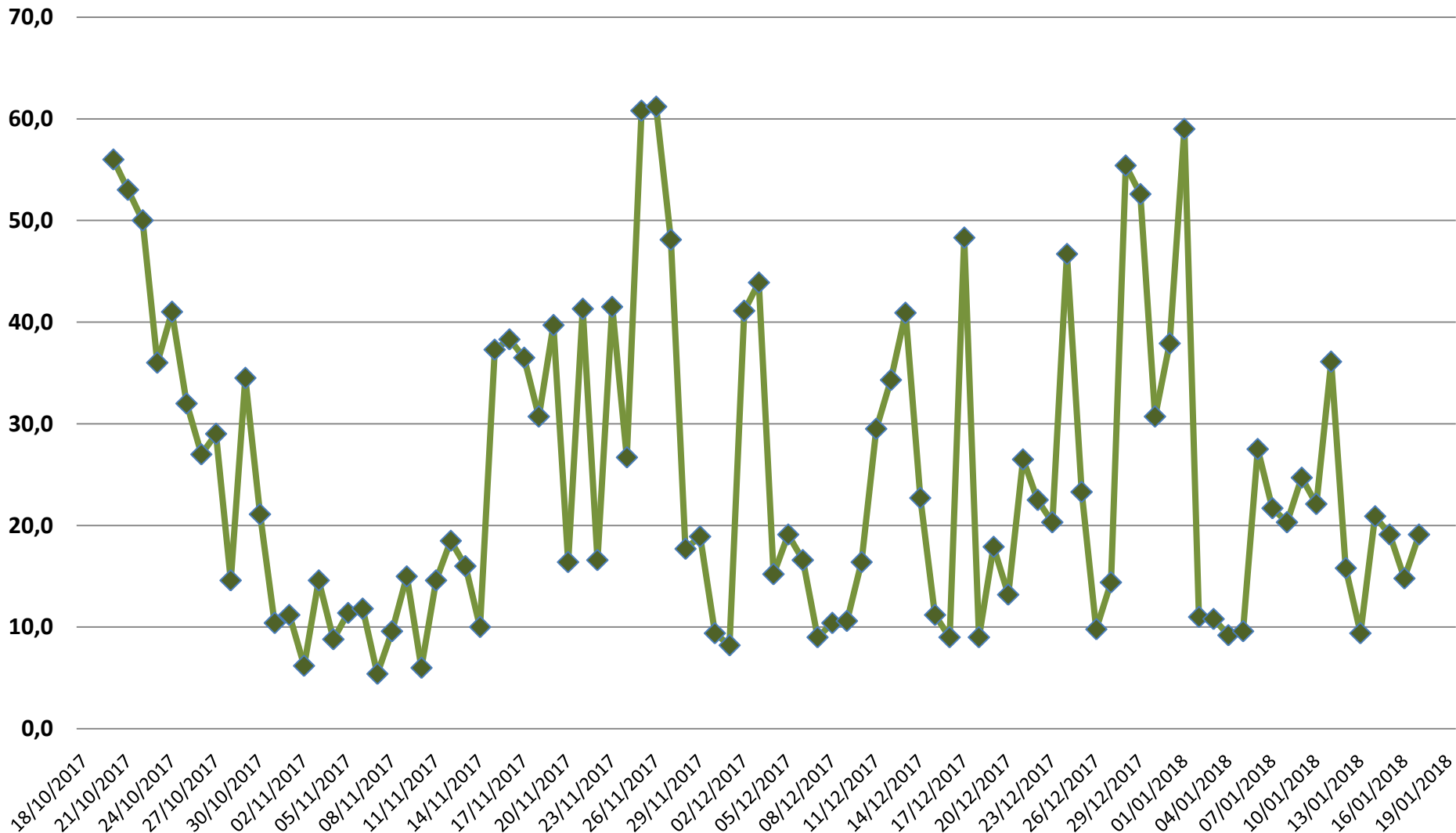






# MAX wind [kt] measured during the XXXIII Expedition

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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