



# WEATHER

*Meteorological observations and forecasts*

**Monday 05/02/2018**

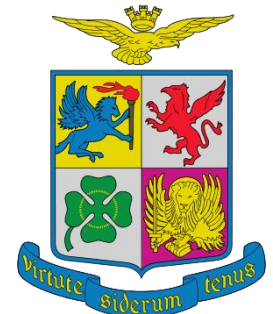
*MET Office - "Mario Zucchelli" Base - Terranova Bay*

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

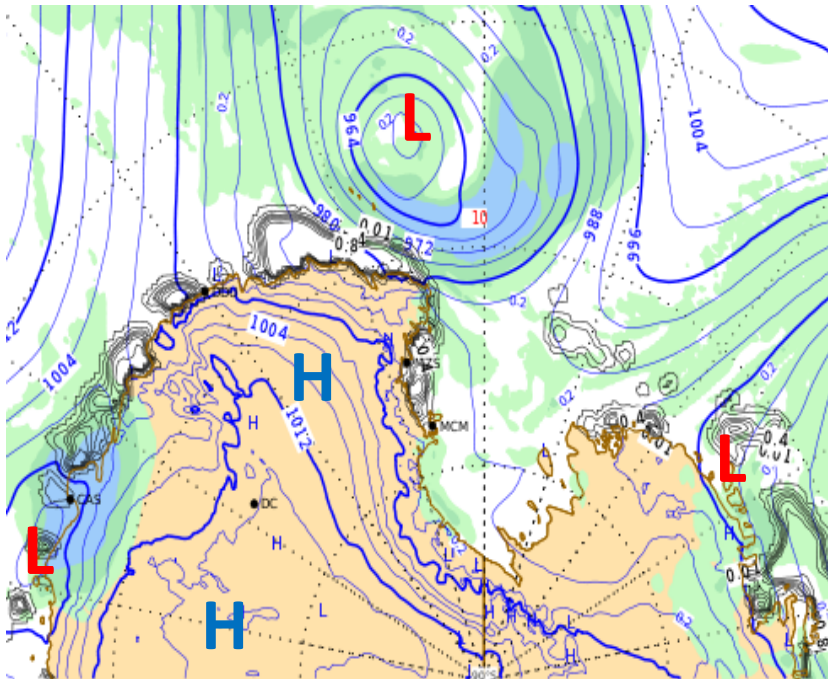
Meteorological observations and forecasts



## Monday 05/02/2018

Sea Level Pressure + Precipitation at 07:00

Latest Report



### MARIO ZUCHELLI Station

2018-02-04 17:08:00 UTC (74° 41' 45.3" S, 164° 05' 31.8" E)  
<http://www.climantartide.it>

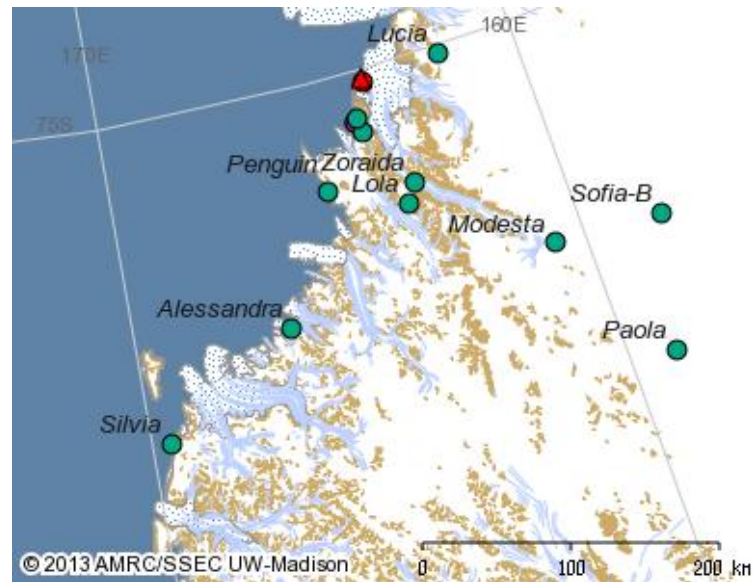
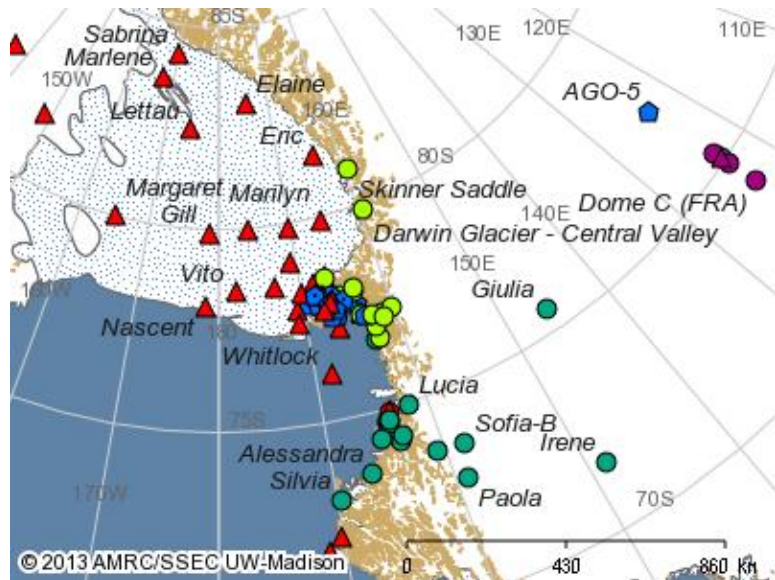
	Pressure (mba)	980.0
	Temperature (C°)	-7.9
	Wind Speed (knt)	2.4
	Relative Humidity (%)	50
	Sun Radiation (W/m <sup>2</sup> )	121

**VENTO AREA BOULDER: WNW 05 KT (06:10 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	2018-02-04 16:00	310	0	4	-8.8	-8.3	-9.5	60	970.7
Arelis	2018-02-04 16:00	160	2	3	-8.3	-6.2	-8.3	11	971.0
Concordia	2018-02-04 16:00	220	8	9	-43.1	-41.6	-43.6	60	652.2
Eneide	2018-02-04 16:00	280	7	13	-8.8	-8.2	-9.0	54	979.6
Giulia	2018-02-04 16:00	220	15	18	-36.6	-36.6	-38.0	//	//
Lola	2018-02-04 16:00	80	8	9	-19.5	-19.0	-20.3	73	800.7
Modesta	2018-02-04 16:00	300	13	16	-36.3	-35.8	-37.2	66	//
Paola	2018-02-04 14:00	190	6	8	-39.9	-39.2	-40.2	62	//
Rita	2018-02-04 16:00	280	5	7	-9.9	-9.9	-11.3	54	958.2
Silvia	2018-02-04 16:00	250	15	19	-11.3	-11.3	-11.7	83	923.9
Sofiab	2018-02-04 16:00	150	17	21	-22.1	-21.3	-22.9	67	808.3
Zoraida	2018-02-04 16:00	310	27	39	-20.1	-19.2	-20.2	54	886.3

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



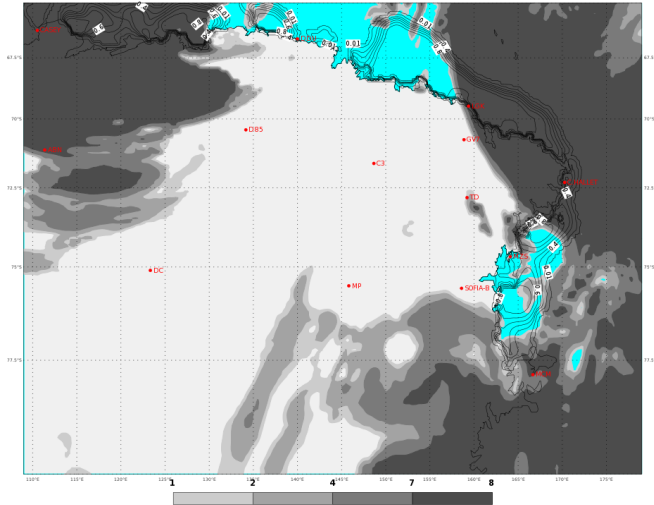
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# PREVISIONI - FORECASTS

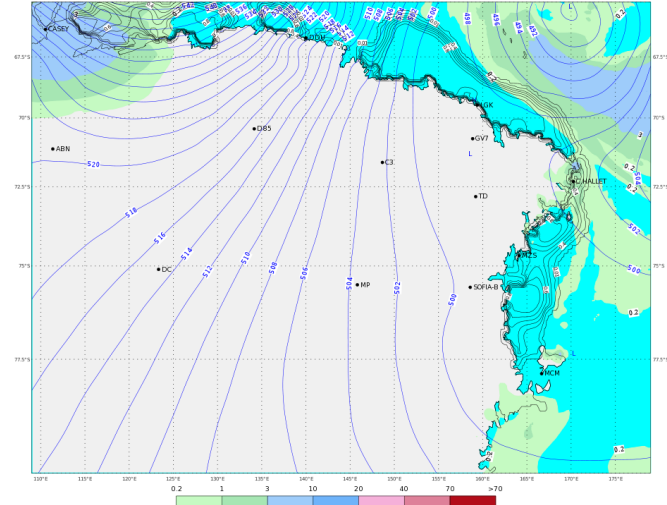
OGGI - ORE 07 LT

TODAY - 07 LT

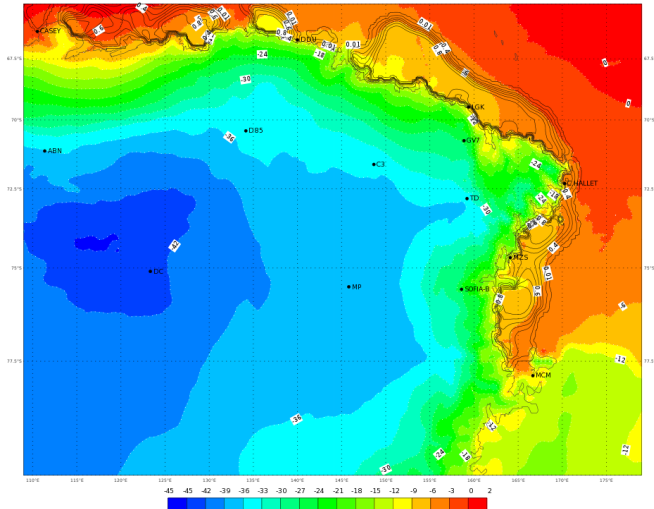
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Terra Vittoria - Total cloud cover (oct)



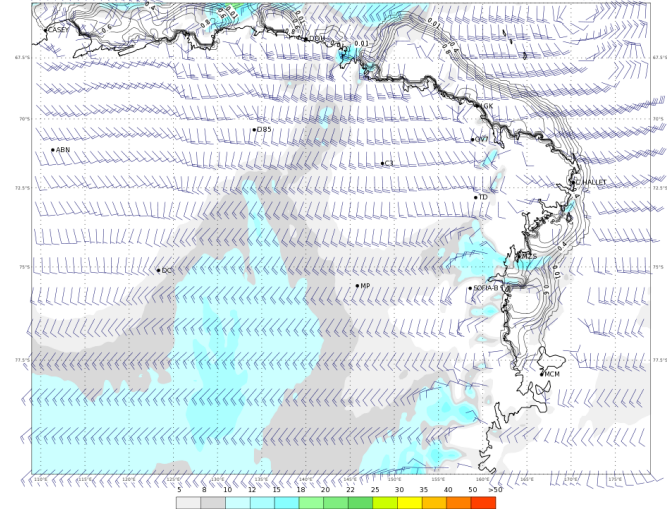
ECMWF 04 Febbraio 2018 00UTC Forecast T+18 VT: Domenica 04 Febbraio 2018 18UTC  
Terra Vittoria - Geopotential at 500 hPa + 6h accumulated precipitation (mm)



ECMWF 04 Febbraio 2018 00UTC Forecast T+18 VT: Domenica 04 Febbraio 2018 18UTC  
Terra Vittoria - temperature at 2 m (°C)



ECMWF 04 Febbraio 2018 00UTC Forecast T+18 VT: Domenica 04 Febbraio 2018 18UTC  
Terra Vittoria - Wind at 10 m (kts)

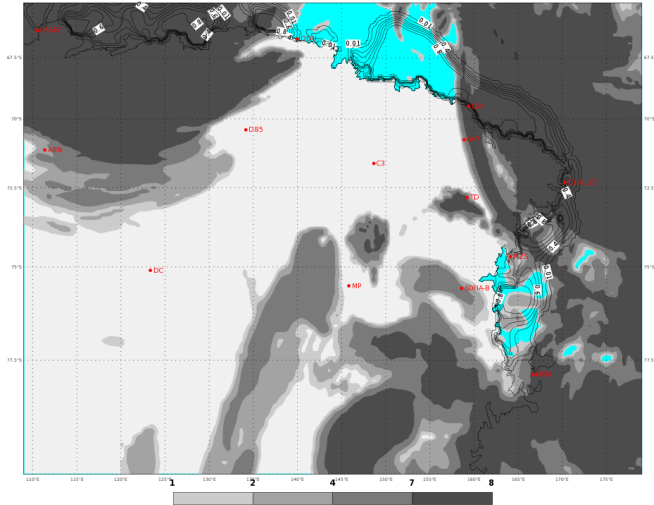


# PREVISIONI - FORECASTS

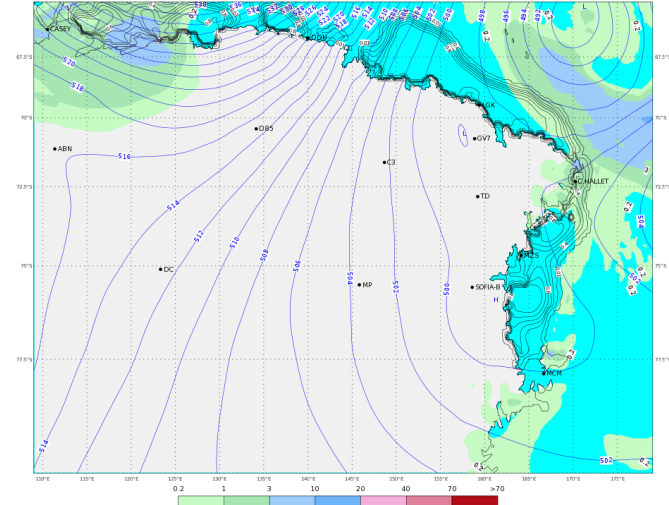
## OGGI - ORE 13 LT

## TODAY - 13 LT

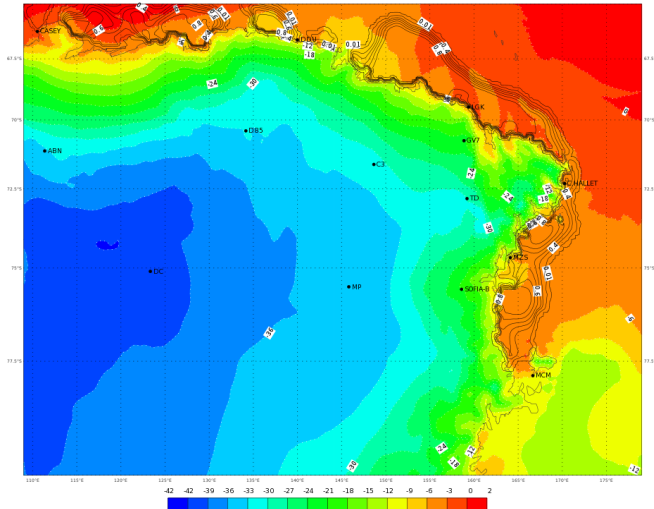
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Terra Vittoria - Total cloud cover (oct)



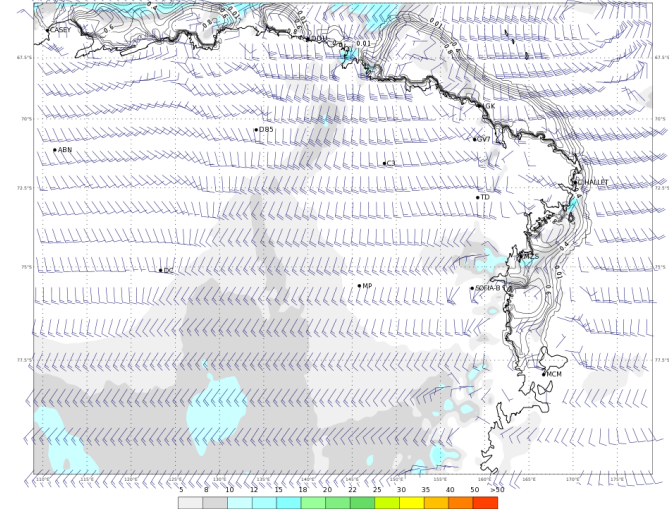
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Terra Vittoria - Geopotential at 500 hPa + 6h accumulated precipitation (mm)



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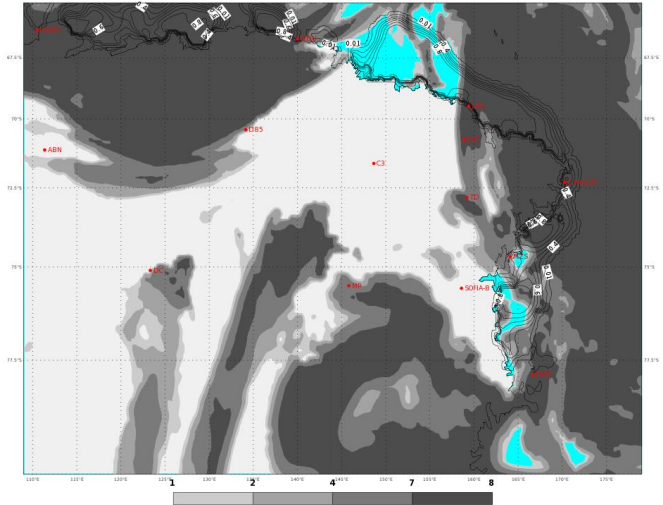


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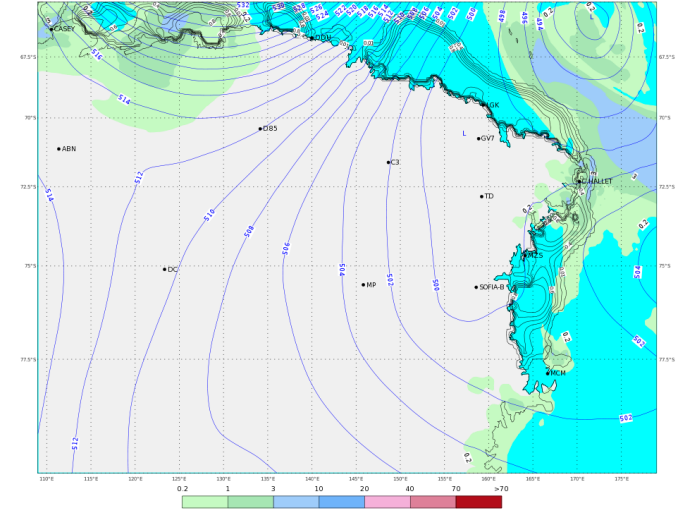
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## TODAY - 19 LT

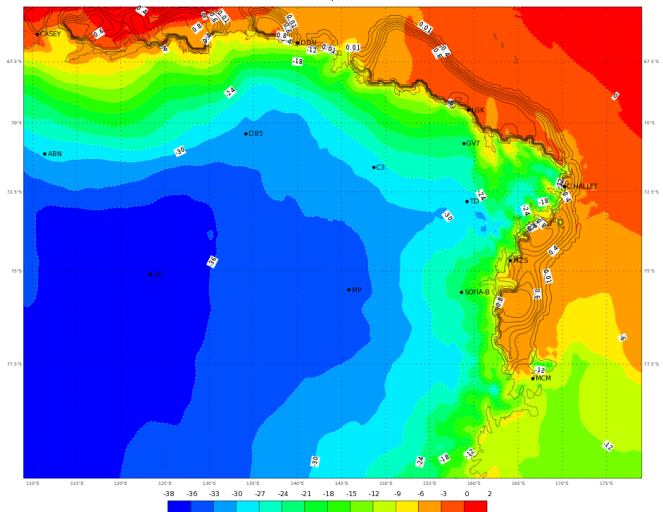
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Terra Vittoria - total cloud cover (oct)



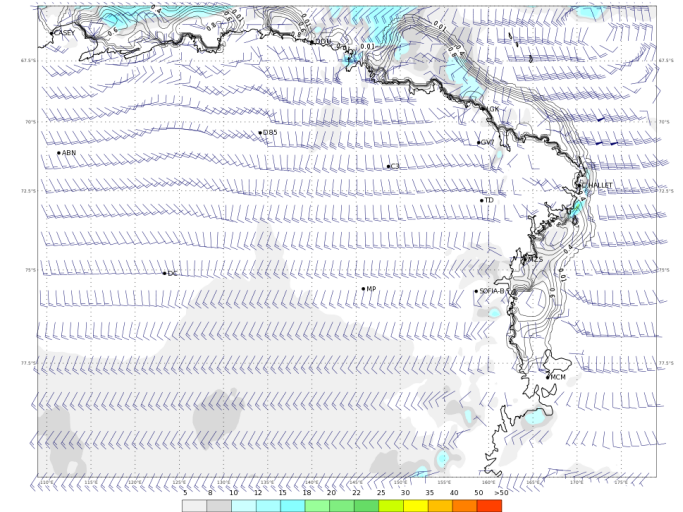
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Terra Vittoria - temperature at 2 m (°C)






ECMWF 04 Febbraio 2018 00UTC Forecast T+30 VT: Lunedì 05 Febbraio 2018 06UTC  
Terra Vittoria - Wind at 10 m (kts)



# WEATHER FORECAST FOR TODAY AT TERRA NOVA BAY

## Monday 05/02/2018

	ORE 07	ORE 13	ORE 19
CIELO			
FENOMENI	NIL	NIL	NIL
VENTO MZS	WSW 05/10 KT	WSW 05/10 KT	WSW 05/10 KT
VENTO BOULDER	WSW 10/15 KT	WSW 10/15 KT	WSW 10/15 KT
TEMPERATURA [°C]	-10/-08 °C	-08/-06 °C	-07/-05 °C
WIND CHILL [°C]	-18/-15 °C	-16/-13 °C	-14/-11 °C
STATO DEL MARE	POCO MOSSO O MOSSO	POCO MOSSO O MOSSO	POCO MOSSO O MOSSO

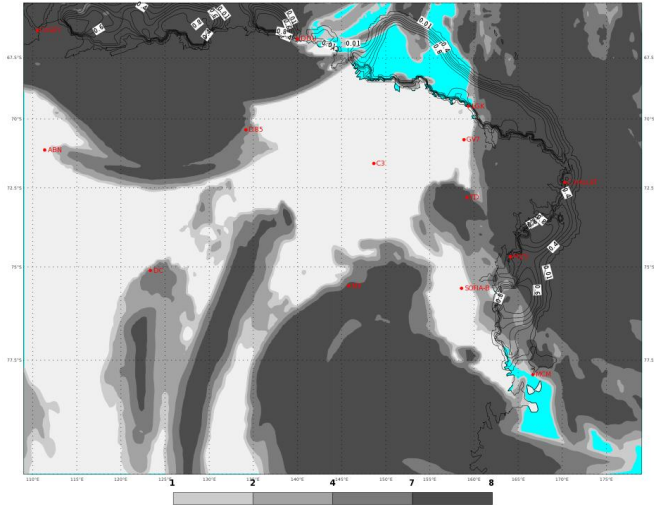


# PREVISIONI - FORECASTS

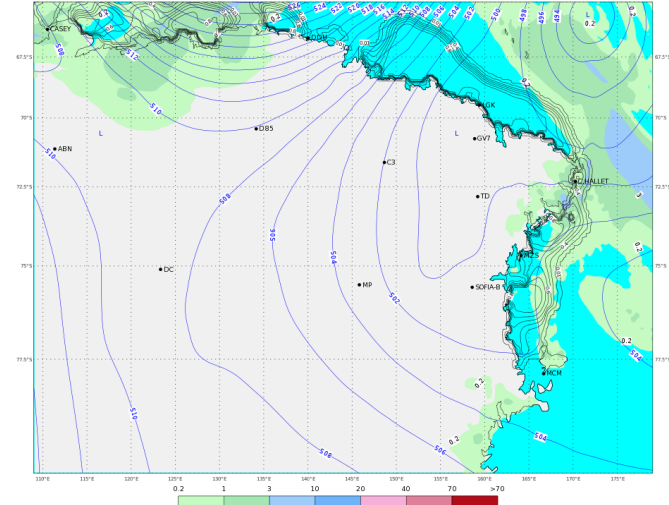
## DOMANI - ORE 01 LT

## TOMORROW - 01 LT

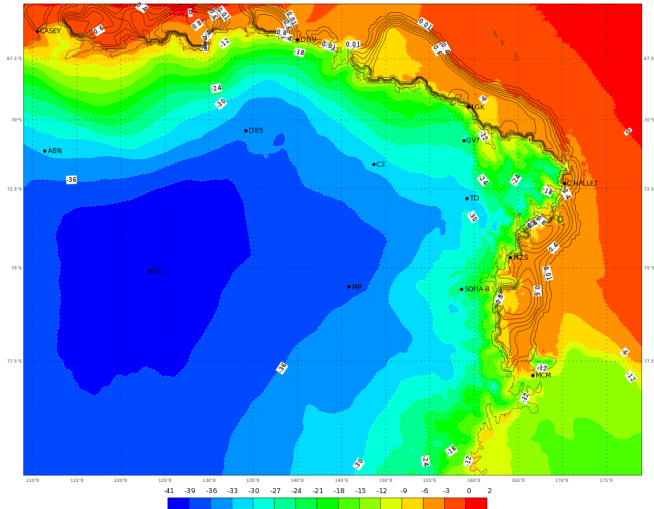
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Terra Vittoria - total cloud cover (oct)



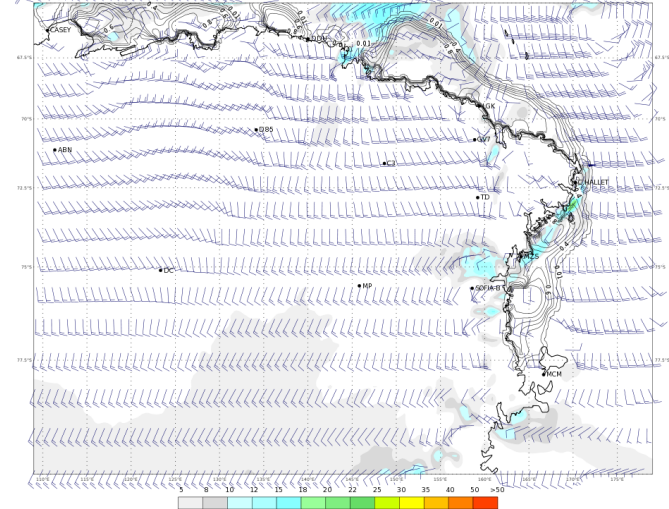
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Terra Vittoria - Geopotential at 500 hPa + 6h accumulated precipitation (mm)



ECMWF 04 Febbraio 2018 00UTC Forecast T+36 VT: Lunedì 05 Febbraio 2018 12UTC  
Terra Vittoria - temperature at 2 m (°C)



ECMWF 04 Febbraio 2018 00UTC Forecast T+36 VT: Lunedì 05 Febbraio 2018 12UTC  
Terra Vittoria - Wind at 10 m (kts)

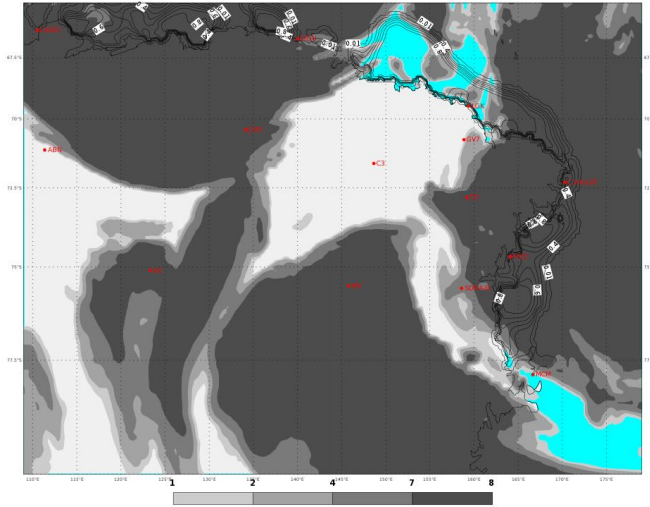


# PREVISIONI - FORECASTS

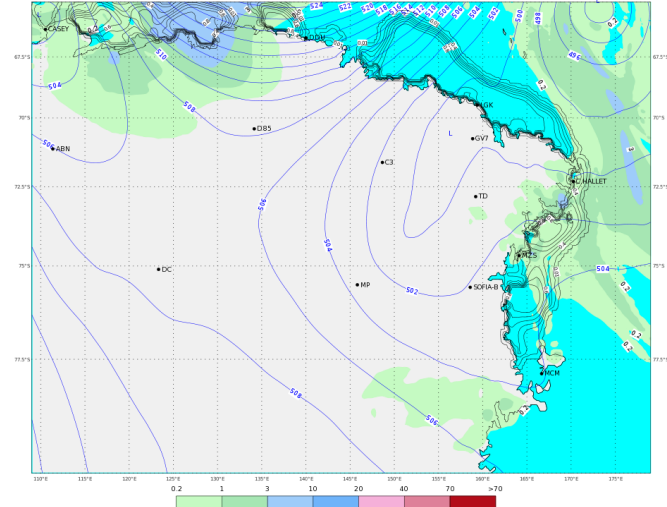
## DOMANI - ORE 07 LT

## TOMORROW - 07 LT

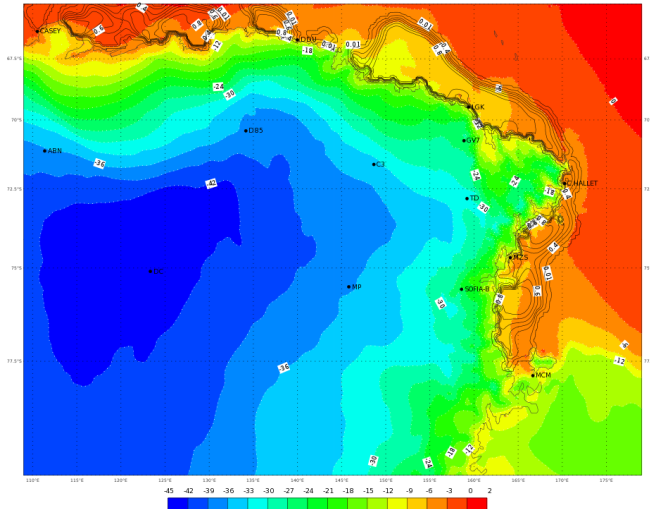
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Terra Vittoria - total cloud cover (oct)



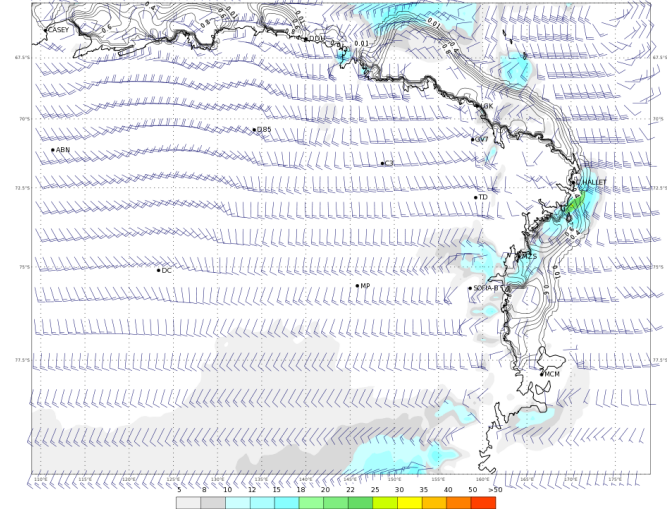
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Terra Vittoria - Wind at 10 m (kts)

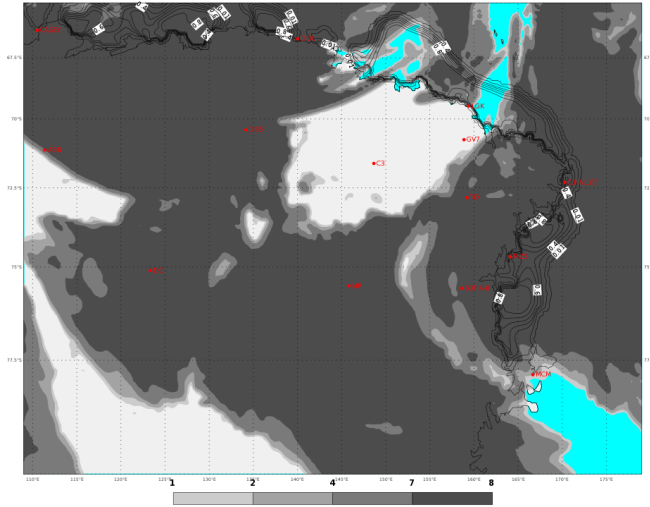


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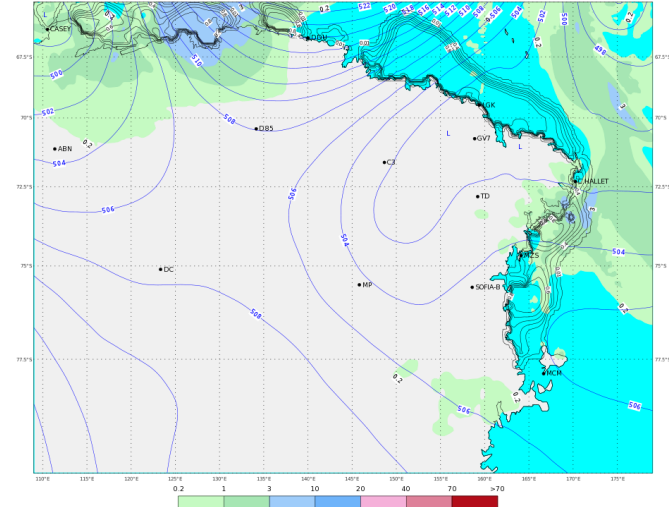
## DOMANI - ORE 13 LT

## TOMORROW - 13 LT

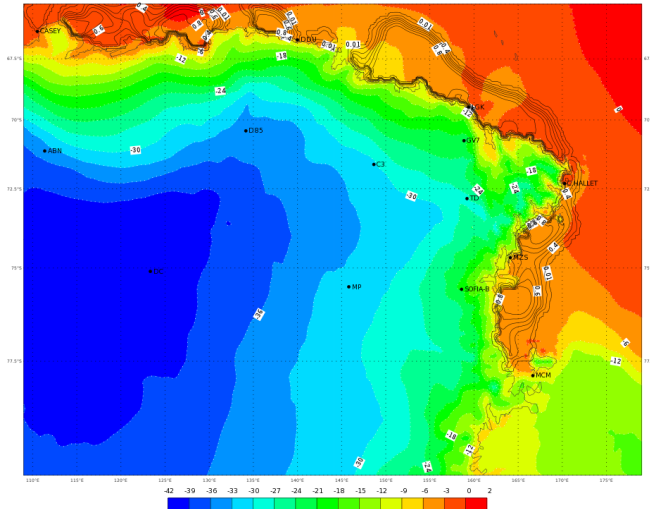
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Terra Vittoria - Total cloud cover (oct)



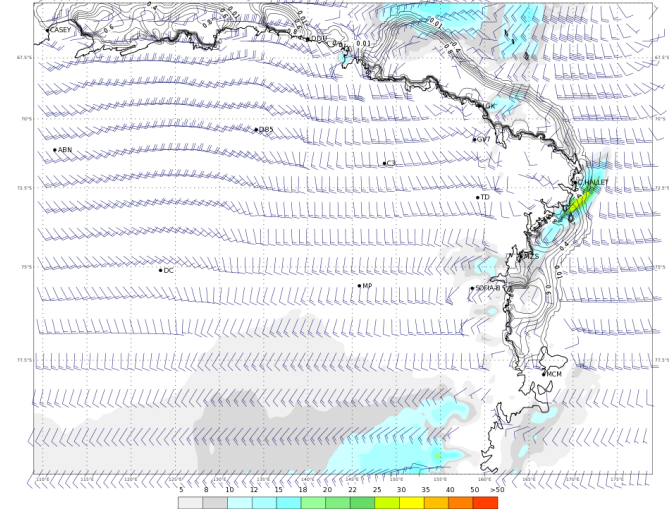
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Terra Vittoria - Geopotential at 500 hPa + 6h accumulated precipitation (mm)



ECMWF 04 Febbraio 2018 00UTC Forecast T+48 VT: Martedì 06 Febbraio 2018 00UTC  
Terra Vittoria - Temperature at 2 m (°C)



ECMWF 04 Febbraio 2018 00UTC Forecast T+48 VT: Martedì 06 Febbraio 2018 00UTC  
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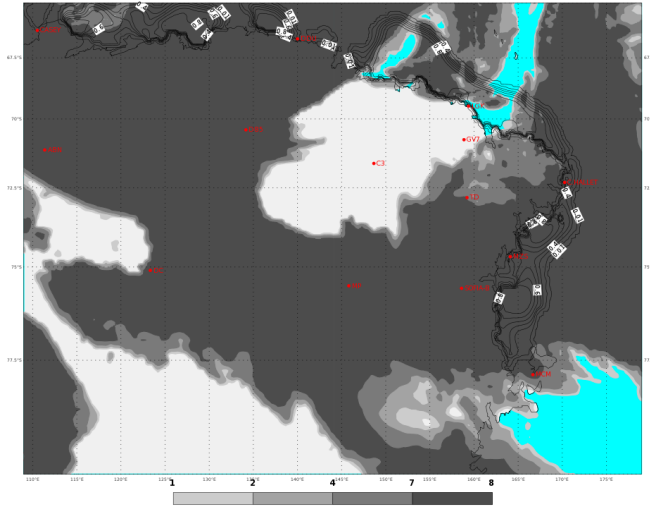


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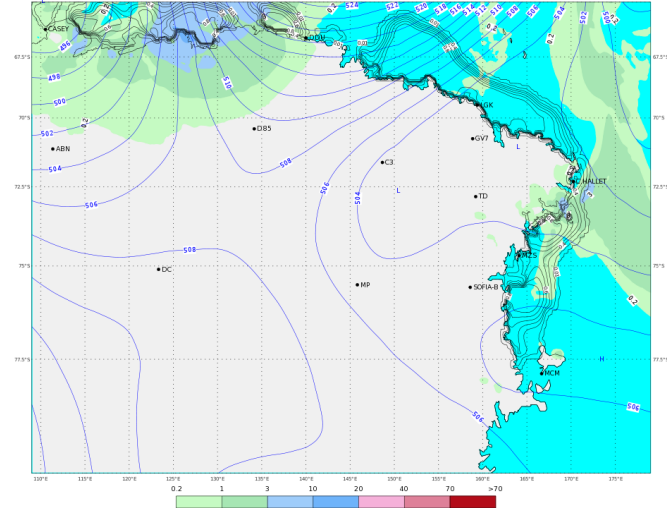
## DOMANI - ORE 19 LT

## TOMORROW - 19 LT

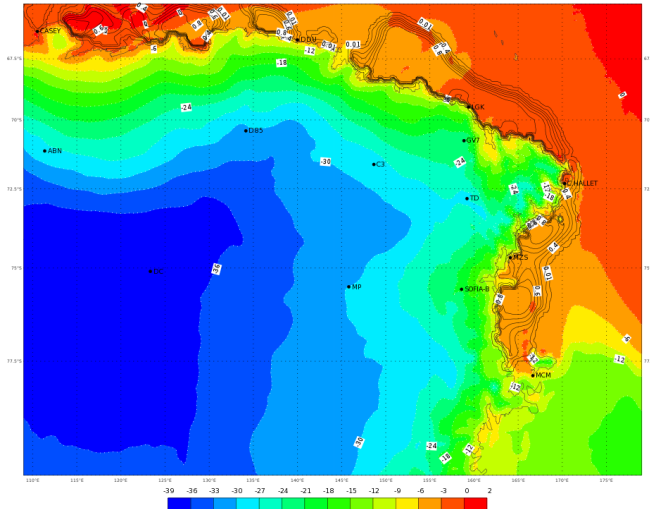
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Terra Vittoria - Total cloud cover (oct)



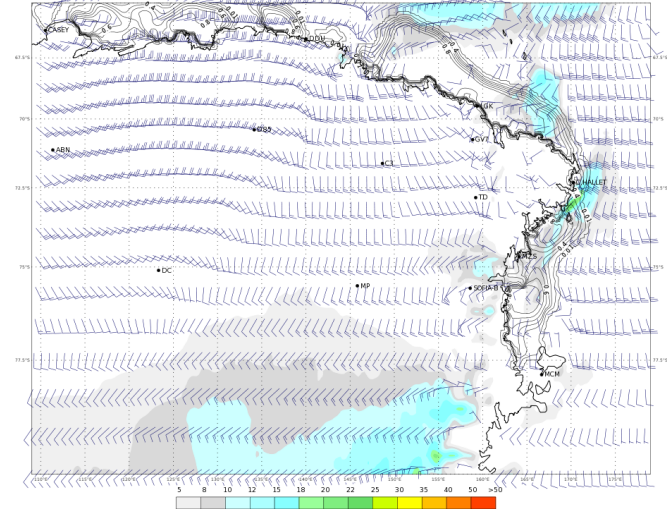
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ECMWF 04 Febbraio 2018 00UTC Forecast T+54 VT: Martedì 06 Febbraio 2018 06UTC  
Terra Vittoria - Temperature at 2 m (°C)






ECMWF 04 Febbraio 2018 00UTC Forecast T+54 VT: Martedì 06 Febbraio 2018 06UTC  
Terra Vittoria - Wind at 10 m (kts)





# WEATHER FORECAST FOR TOMORROW AT TERRA NOVA BAY

## Tuesday 06/02/2018

	ORE 07	ORE 13	ORE 19
CIELO			
FENOMENI	DEBOLE NEVISCHIO	POSSIBILE DEBOLE NEVISCHIO IN ESAURIMENTO	NIL
VENTO MZS	WSW 05/10 KT	WSW 05/10 KT	WSW 05/10 KT
VENTO BOULDER	WSW 10/15 KT	WSW 10/15 KT	WSW 10/15 KT
TEMPERATURA [°C]	-08/-07 °C	-07/-05 °C	-06/-04 °C
WIND CHILL [°C]	-16/-13 °C	-14/-11 °C	-13/-10 °C
STATO DEL MARE	POCO MOSSO O MOSSO	POCO MOSSO O MOSSO	POCO MOSSO O MOSSO

# WEATHER TENDENCY AT TERRA NOVA BAY

Wednesday 07/02/2018

	MATTINO	POMERIGGIO
CIELO		
FENOMENI	NIL	NIL
VENTO MZS	WSW 05/10 KT	WNW 10/20 KT
VENTO BOULDER	WSW 10/15 KT	WNW 15/25 KT
TEMPERATURA [°C]	-08/-06 °C	-08/-06 °C
WIND CHILL [°C]	-16/-13 °C	-18/-15 °C
STATO DEL MARE	POCO MOSSO O MOSSO	POCO MOSSO O MOSSO



# Extreme Values of Yesterday



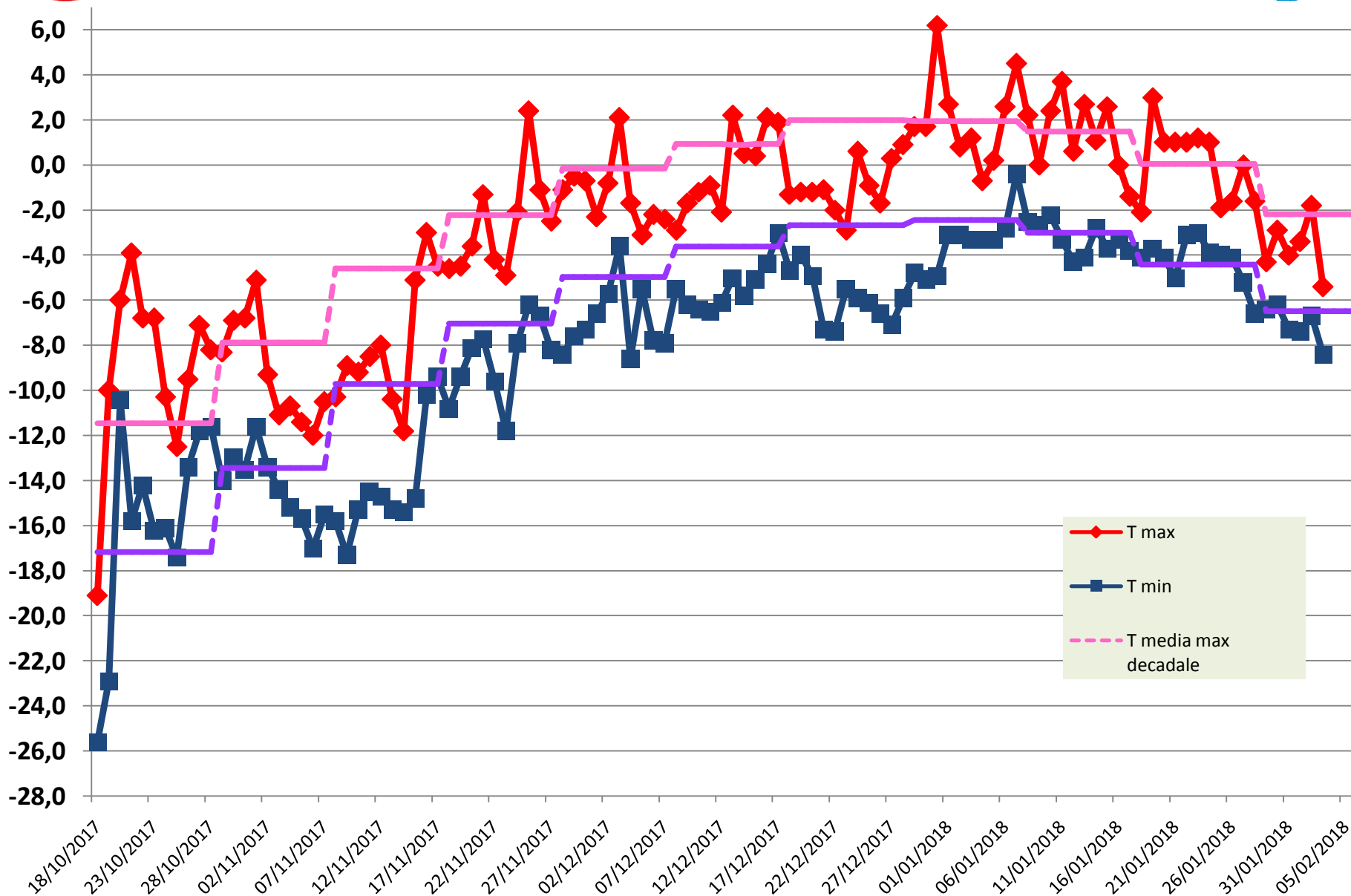
<b>04/02/2018 UTC time (13:00 03/02 - 13:00 04/02)</b>		
<b>MAX temperature</b>	<b>(ore 11:15/L)</b>	<b>-5.4 °C</b>
<b>MIN temperature</b>	<b>(ore 09:14/L)</b>	<b>-8.4 °C</b>
<b>MAX humidity</b>	<b>(ore 05:13/L)</b>	<b>52 %</b>
<b>MIN humidity</b>	<b>(ore 11:16/L)</b>	<b>24 %</b>
<b>MAX wind direction/speed</b>	<b>(ore 13:04/L)</b>	<b>270/47.1 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

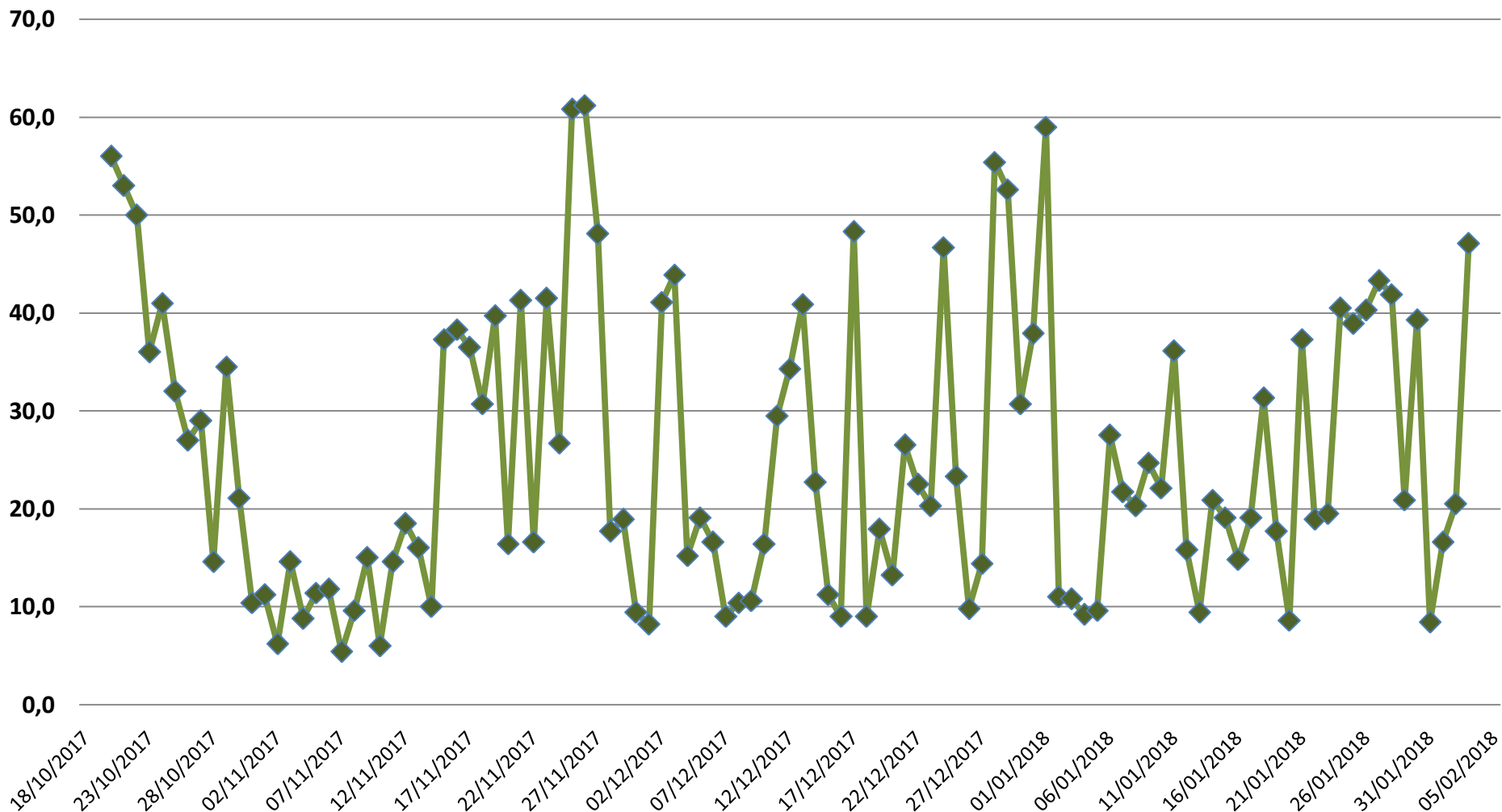






# MAX wind [kt] measured during the XXXIII Expedition

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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