



# WEATHER

*Meteorological observations and forecasts*

**Tuesday 06/02/2018**

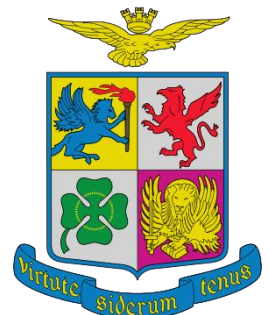
*MET Office - "Mario Zucchelli" Base - Terranova Bay*

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

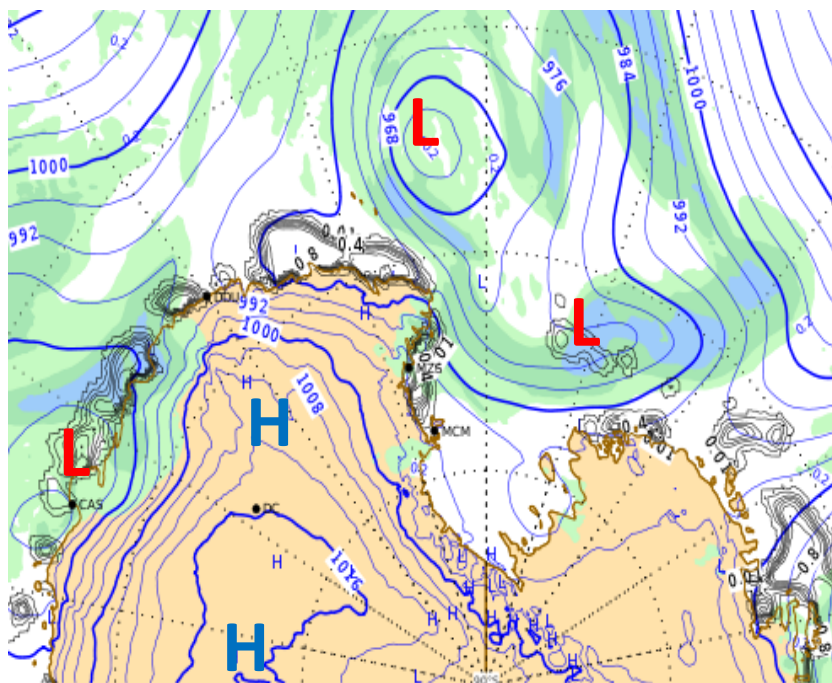
Meteorological observations and forecasts



## Tuesday 06/02/2018

Sea Level Pressure + Precipitation at 07:00

Latest Report



### MARIO ZUCHELLI Station

2018-02-05 17:06:00 UTC (74° 41' 45.3" S, 164° 05' 31.8" E)  
<http://www.climantartide.it>

	Pressure (mba)	978.0
	Temperature (C°)	-5.9
	Wind Speed (knt)	22.9
	Relative Humidity (%)	69
	Sun Radiation (W/m <sup>2</sup> )	18

270°

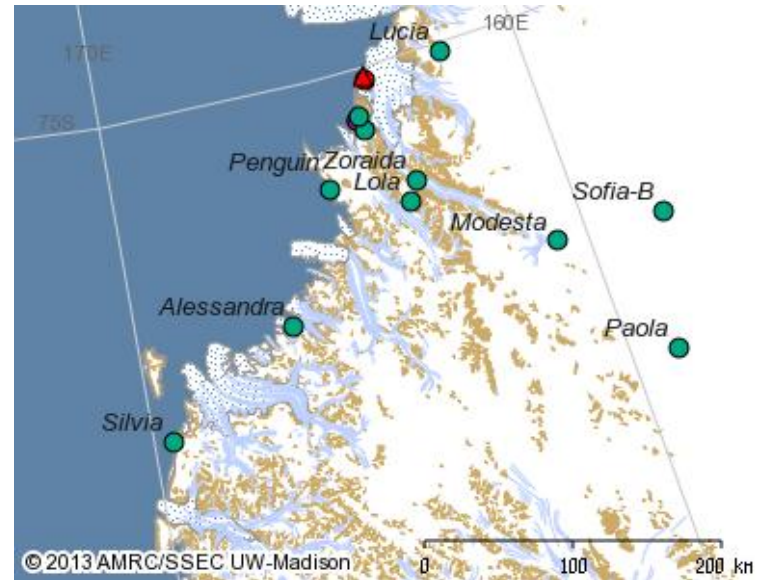
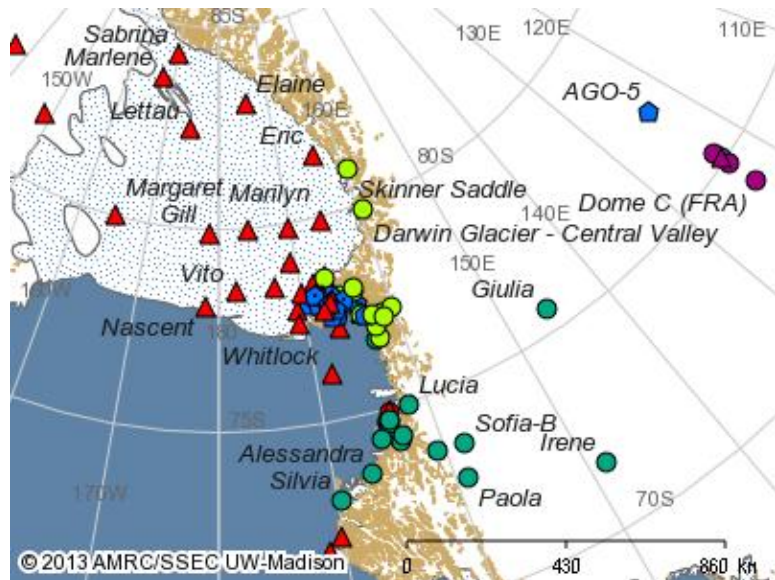
**VENTO AREA BOULDER: WSW 38 KT (06:10 loc time recorded)**



# 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	2018-02-05 16:00	240	17	20	-7.0	-6.6	-7.2	56	969.0
Arelis	2018-02-05 16:00	170	17	19	-7.5	-7.0	-7.5	11	971.1
Concordia	2018-02-05 16:00	150	10	12	-46.7	-44.7	-46.8	56	647.4
Eneide	2018-02-05 16:00	270	34	38	-7.2	-6.7	-7.7	75	976.7
Giulia	2018-02-05 16:00	210	9	13	-38.0	-38.0	-40.1	64	716.1
Lola	2018-02-05 16:00	210	20	23	-20.6	-20.4	-20.8	78	800.0
Modesta	2018-02-05 16:00	210	2	7	-28.0	-28.0	-30.7	75	763.0
Paola	2018-02-05 16:00	160	14	18	-33.5	-31.6	-34.0	70	//
Rita	2018-02-05 16:00	270	36	39	-9.7	-9.2	-10.0	98	954.0
Silvia	2018-02-05 16:00	250	50	62	-11.4	-11.4	-11.8	//	916.2
Sofiab	2018-02-05 16:00	170	12	16	-17.8	-17.6	-18.4	86	810.0
Zoraida	2018-02-05 16:00	320	11	17	-16.0	-15.7	-16.1	78	886.6

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



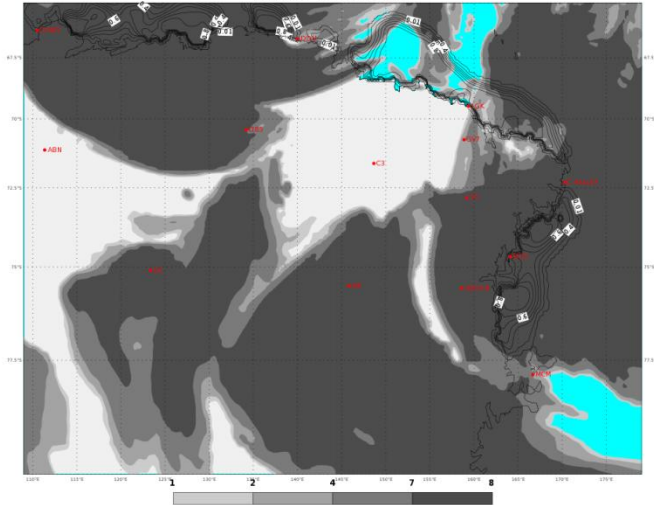
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# PREVISIONI - FORECASTS

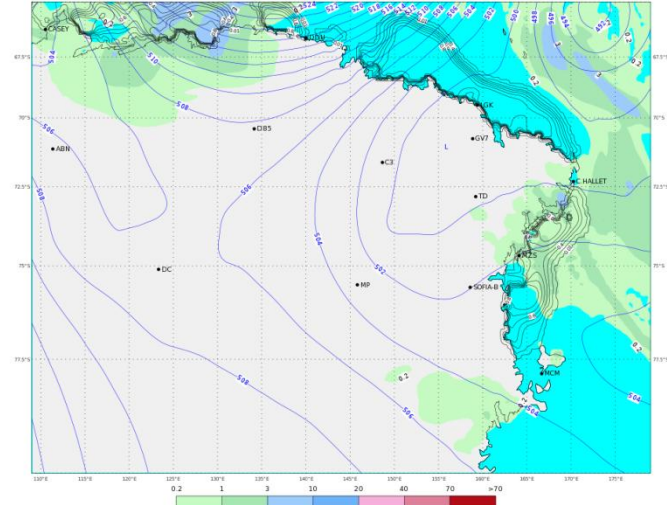
OGGI - ORE 07 LT

TODAY - 07 LT

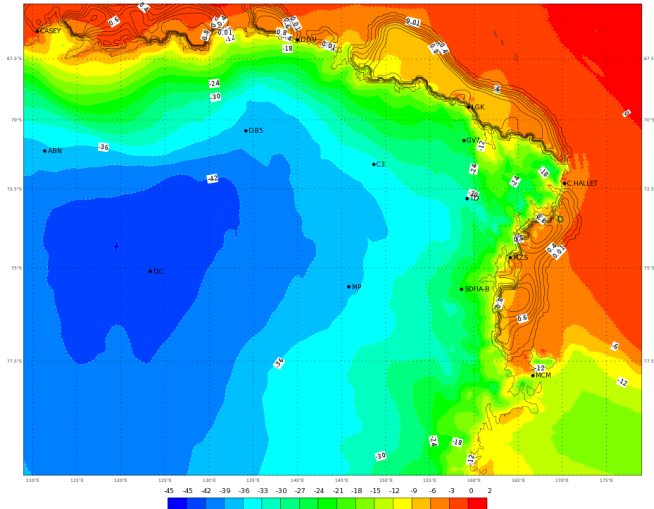
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Terra Vittoria - Total cloud cover (oct)



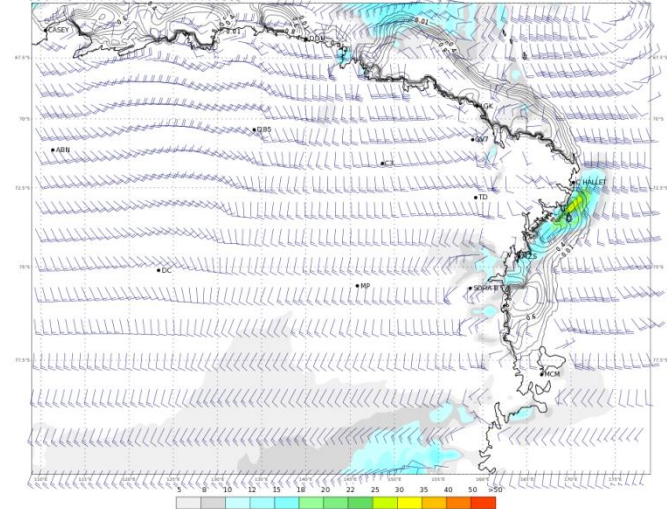
ECMWF 05 Febbraio 2018 00UTC Forecast T+18 VT: Lunedì 05 Febbraio 2018 18UTC  
Terra Vittoria - Geopotential at 500 hPa + 6h accumulated precipitation (mm)



ECMWF 05 Febbraio 2018 00UTC Forecast T+18 VT: Lunedì 05 Febbraio 2018 18UTC  
Terra Vittoria - Temperature at 2 m (°C)



ECMWF 05 Febbraio 2018 00UTC Forecast T+18 VT: Lunedì 05 Febbraio 2018 18UTC  
Terra Vittoria - Wind at 10 m (kts)



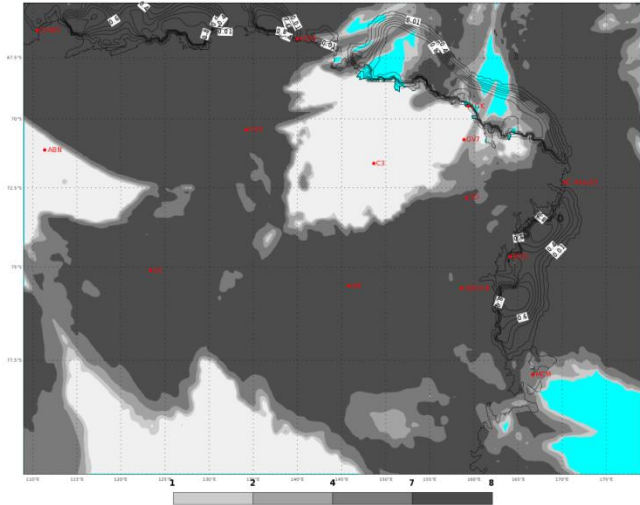


# PREVISIONI - FORECASTS

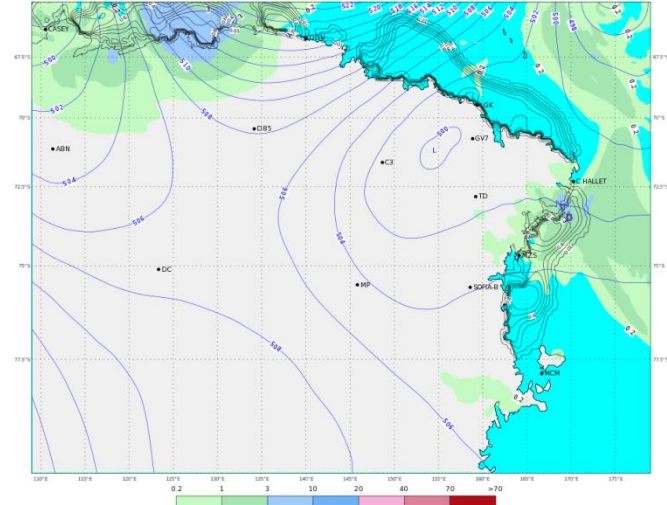
## OGGI - ORE 13 LT

## TODAY - 13 LT

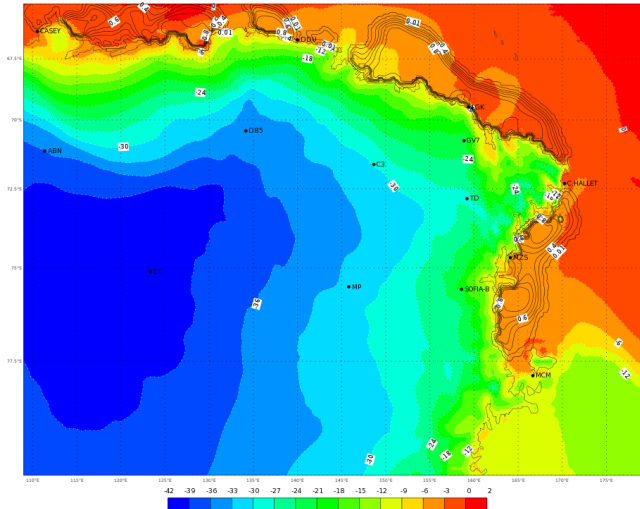
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Terra Vittoria - Total cloud cover (oct)



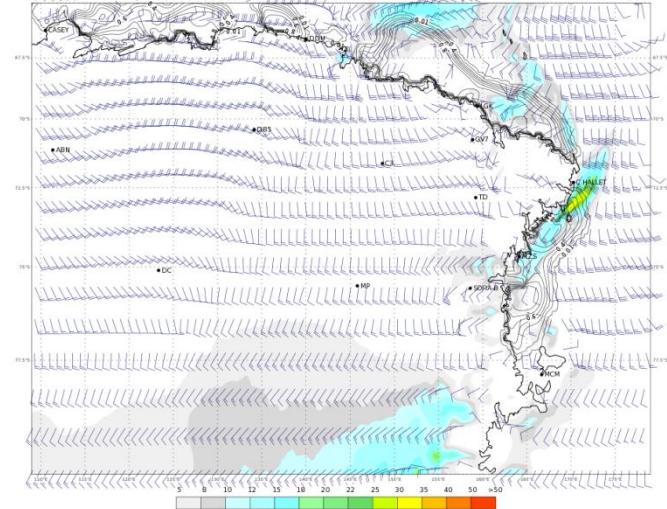
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Terra Vittoria - Geopotential at 500 hPa + 6h accumulated precipitation (mm)



ECMWF 05 Febbraio 2018 00UTC Forecast T+24 VT: Martedì 06 Febbraio 2018 00UTC  
Terra Vittoria - Temperature at 2 m (°C)



ECMWF 05 Febbraio 2018 00UTC Forecast T+24 VT: Martedì 06 Febbraio 2018 00UTC  
Terra Vittoria - Wind at 10 m (kts)

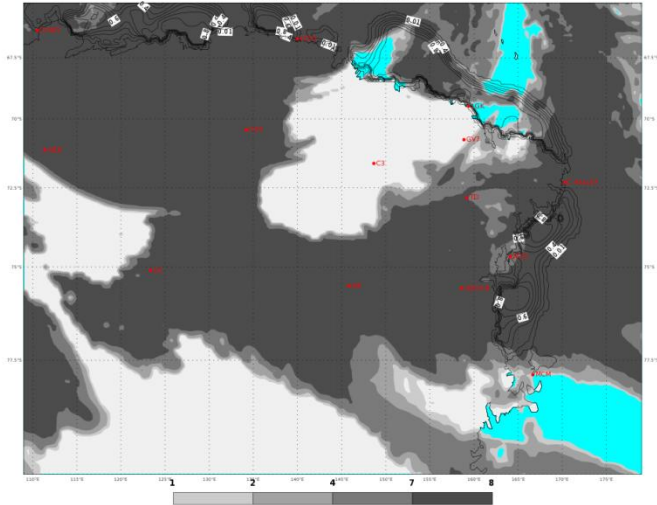


# PREVISIONI - FORECASTS

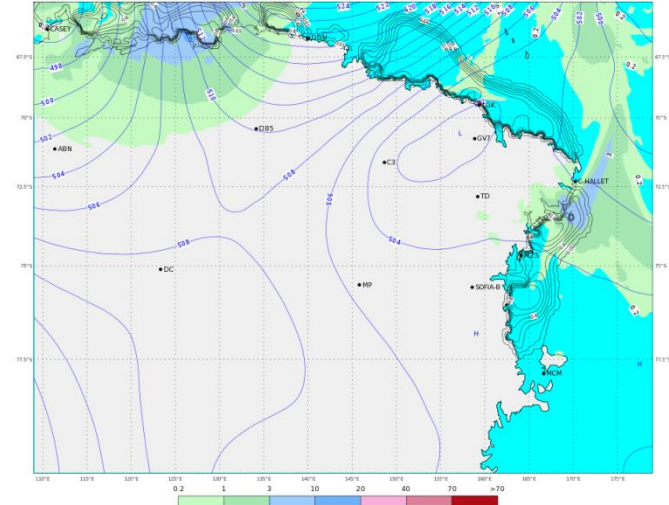
OGGI - ORE 19 LT

TODAY - 19 LT

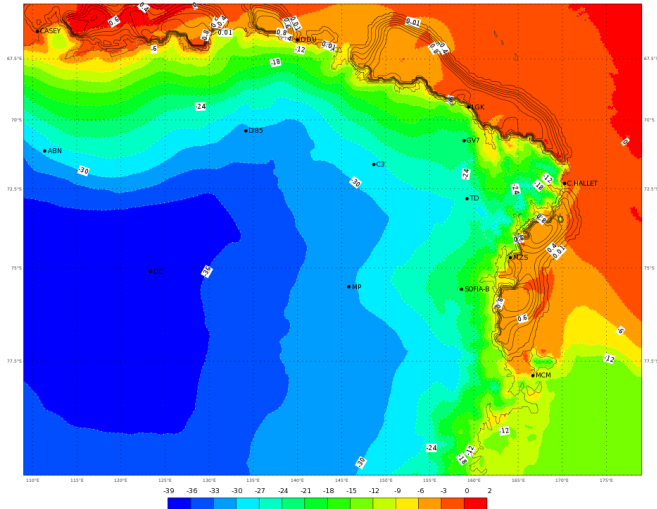
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Terra Vittoria - Total cloud cover (oct)



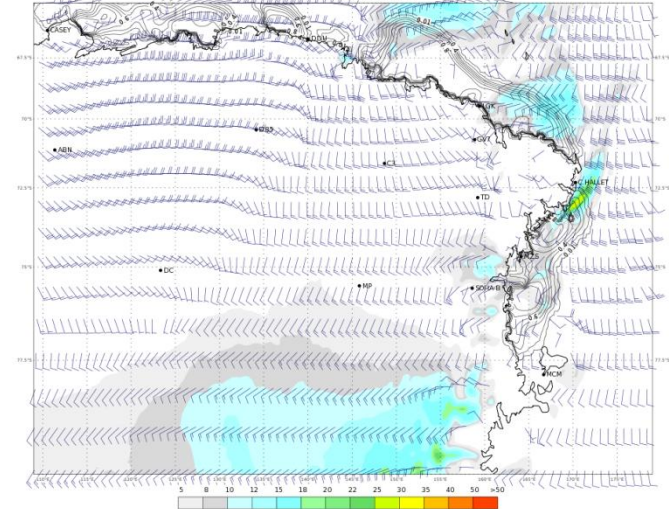
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Terra Vittoria - Temperature at 2 m (°C)






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



# WEATHER FORECAST FOR TODAY AT TERRA NOVA BAY

## Tuesday 06/02/2018

	ORE 07	ORE 13	ORE 19
CIELO			
FENOMENI	POSSIBILE DEBOLE NEVISCHIO	NIL	NIL
VENTO MZS	WSW 25/35 KT	WSW 15/25 KT	WSW 15/25 KT
VENTO BOULDER	WSW 35/45 KT	WSW 25/35 KT	WSW 25/35 KT
TEMPERATURA [°C]	-08/-06 °C	-07/-05 °C	-06/-04 °C
WIND CHILL [°C]	-21/-18 °C	-18/-15 °C	-17/-14 °C
STATO DEL MARE	POCO MOSSO O MOSSO	POCO MOSSO O MOSSO	POCO MOSSO O MOSSO

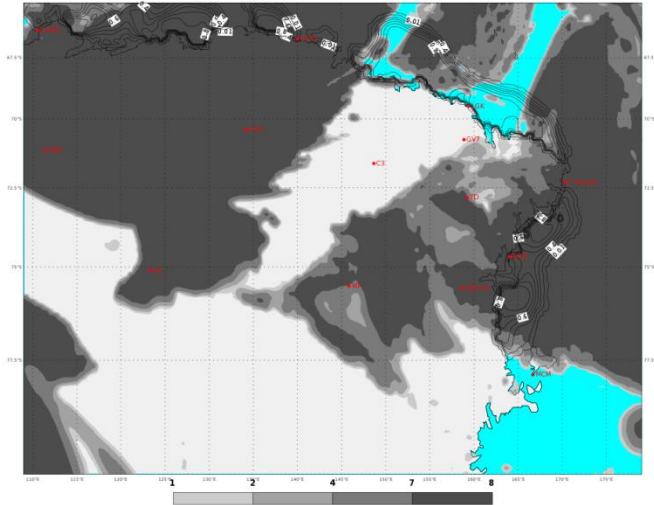


# PREVISIONI - FORECASTS

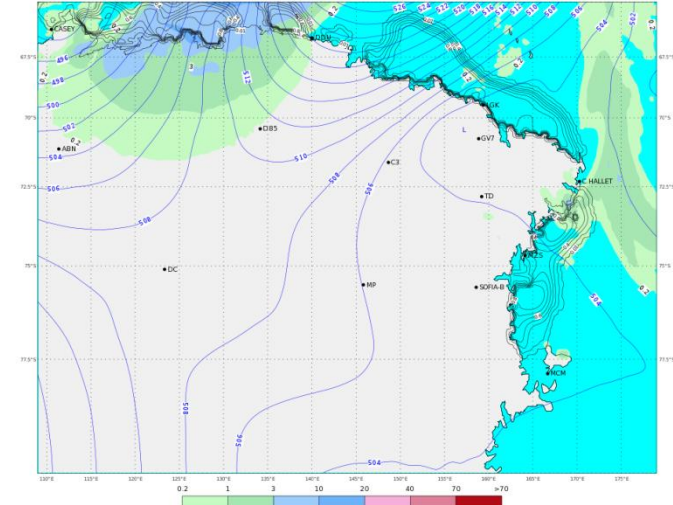
## DOMANI - ORE 01 LT

## TOMORROW - 01 LT

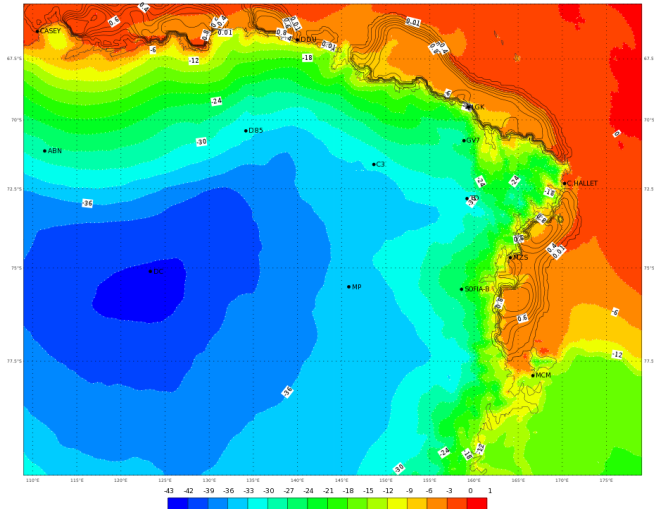
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Terra Vittoria - Total cloud cover (oct)



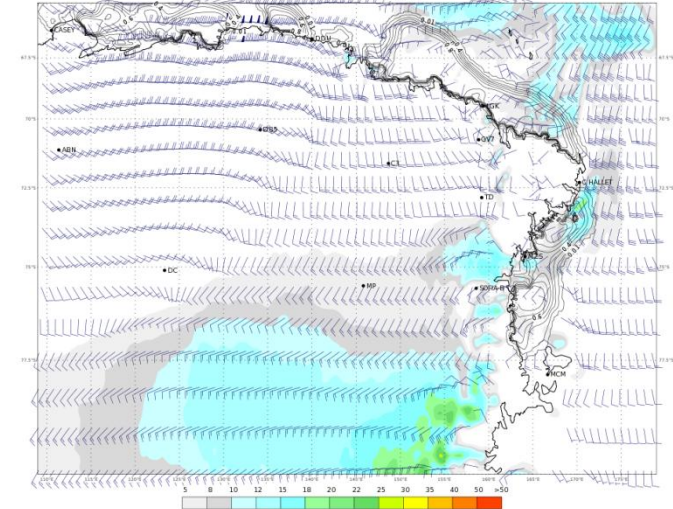
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Terra Vittoria - Geopotential at 500 hPa + 6h accumulated precipitation (mm)



ECMWF 05 Febbraio 2018 00UTC Forecast T+36 VT: Martedì 06 Febbraio 2018 12UTC  
Terra Vittoria - Temperature at 2 m (°C)



ECMWF 05 Febbraio 2018 00UTC Forecast T+36 VT: Martedì 06 Febbraio 2018 12UTC  
Terra Vittoria - Wind at 10 m (kts)

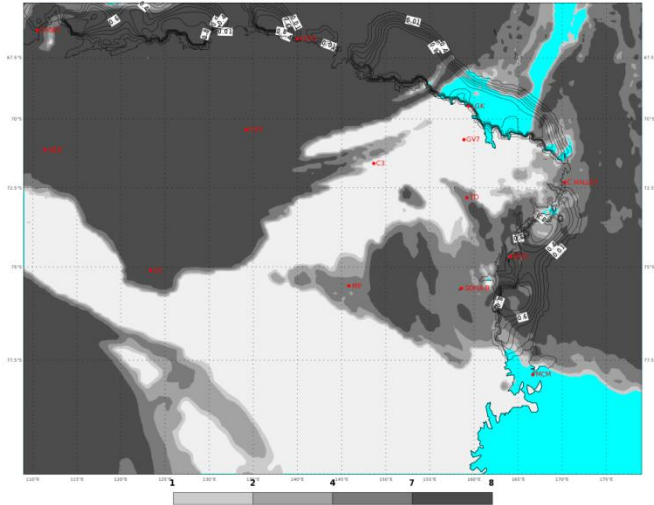


# PREVISIONI - FORECASTS

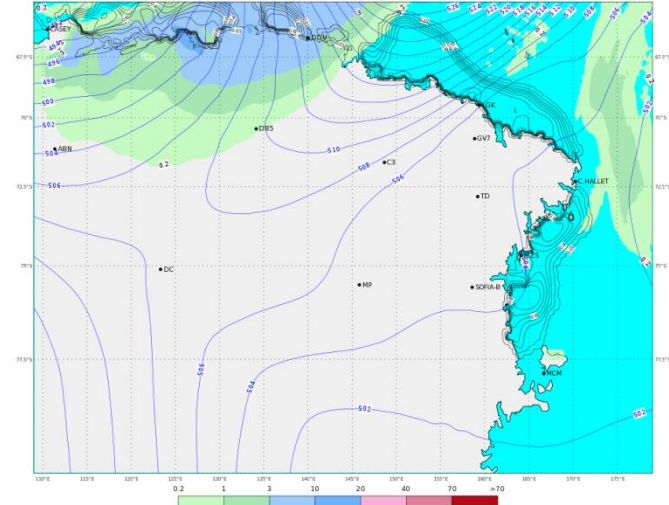
## DOMANI - ORE 07 LT

## TOMORROW - 07 LT

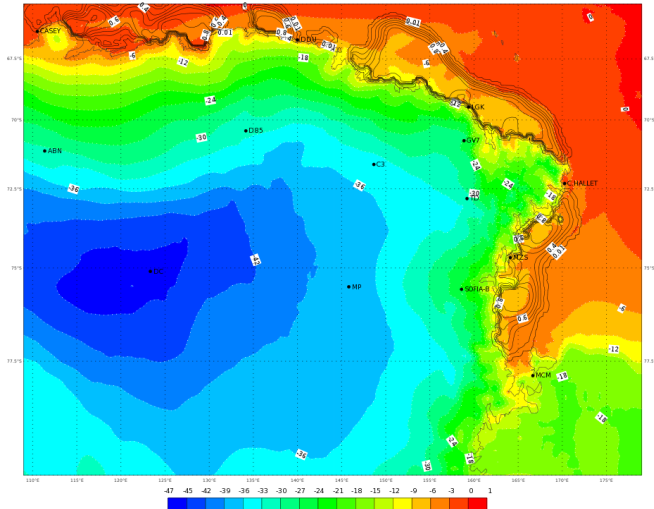
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Terra Vittoria - Total cloud cover (oct)



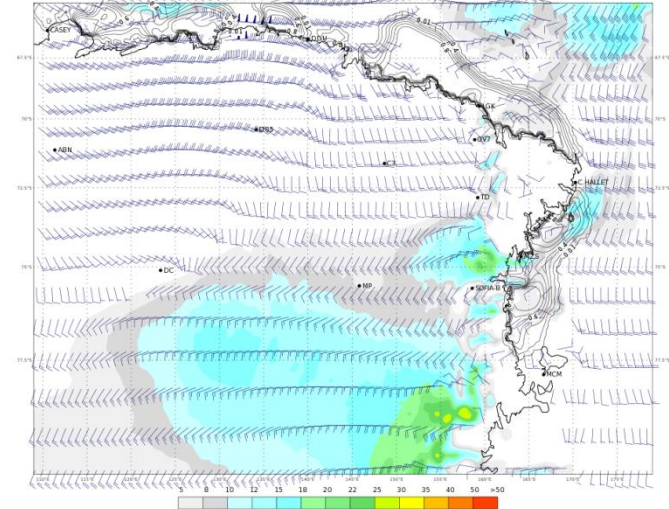
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ECMWF 05 Febbraio 2018 00UTC Forecast T+42 VT: Martedì 06 Febbraio 2018 18UTC  
Terra Vittoria - Temperature at 2 m (°C)



ECMWF 05 Febbraio 2018 00UTC Forecast T+42 VT: Martedì 06 Febbraio 2018 18UTC  
Terra Vittoria - Wind at 10 m (kts)



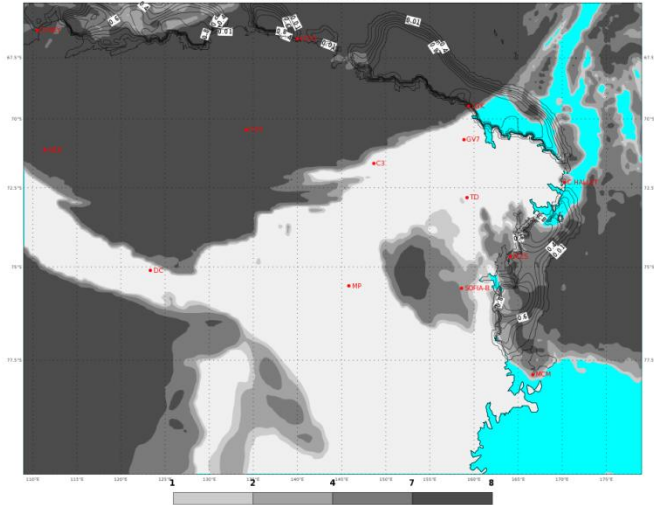


# PREVISIONI - FORECASTS

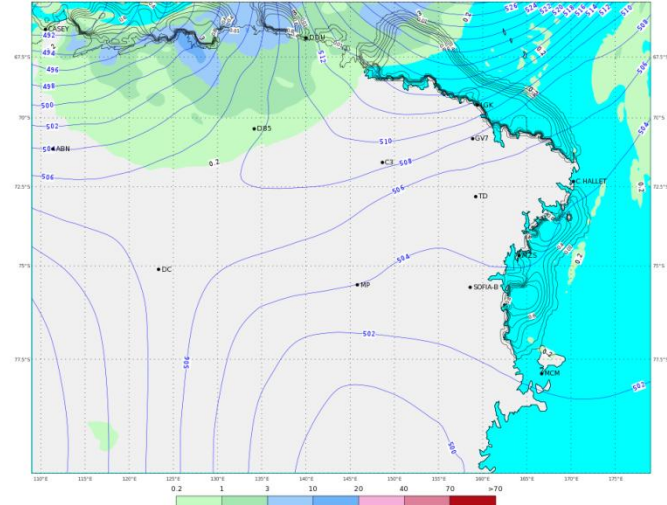
## DOMANI - ORE 13 LT

## TOMORROW - 13 LT

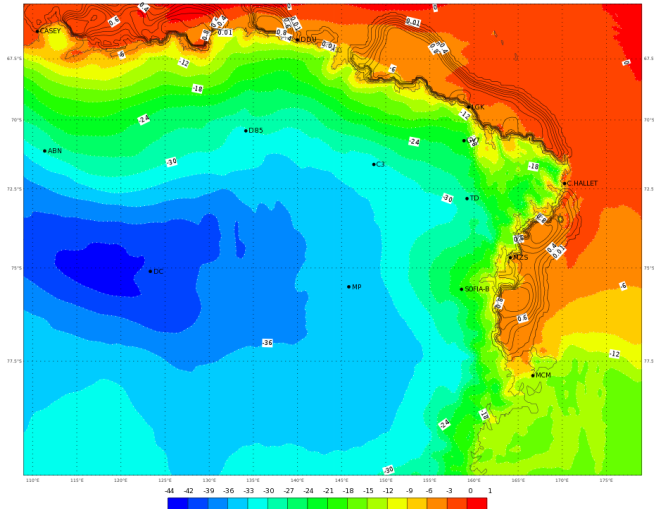
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Terra Vittoria - Total cloud cover (oct)



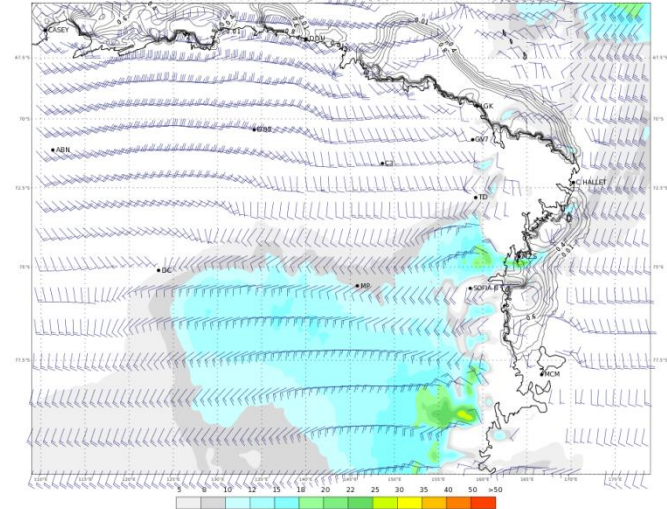
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Terra Vittoria - Geopotential at 500 hPa + 6h accumulated precipitation (mm)



ECMWF 05 Febbraio 2018 00UTC Forecast T+48 VT: Mercoledì 07 Febbraio 2018 00UTC  
Terra Vittoria - Temperature at 2 m (°C)



ECMWF 05 Febbraio 2018 00UTC Forecast T+48 VT: Mercoledì 07 Febbraio 2018 00UTC  
Terra Vittoria - Wind at 10 m (kts)



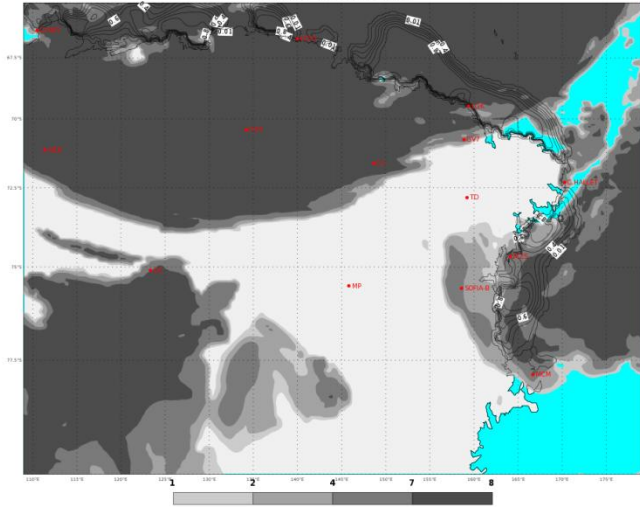


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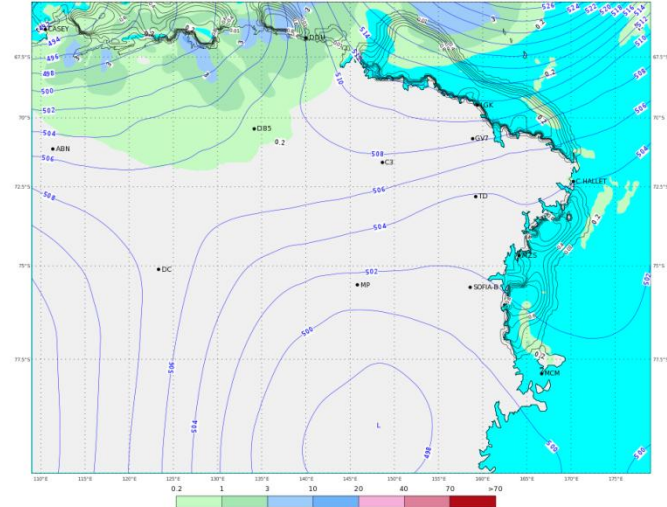
## DOMANI - ORE 19 LT

## TOMORROW - 19 LT

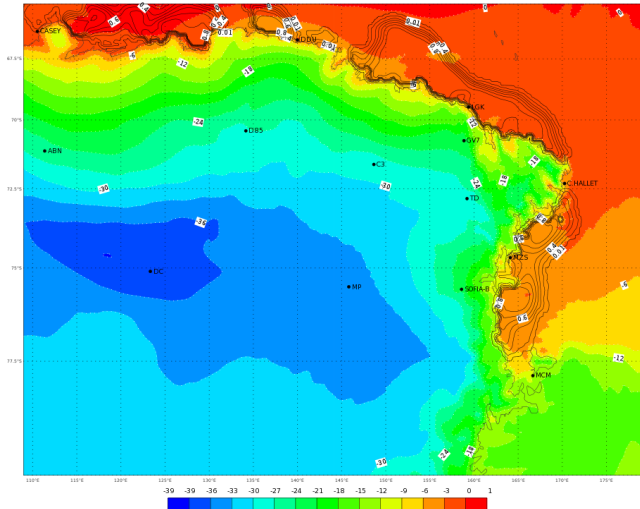
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Terra Vittoria - Total cloud cover (oct)



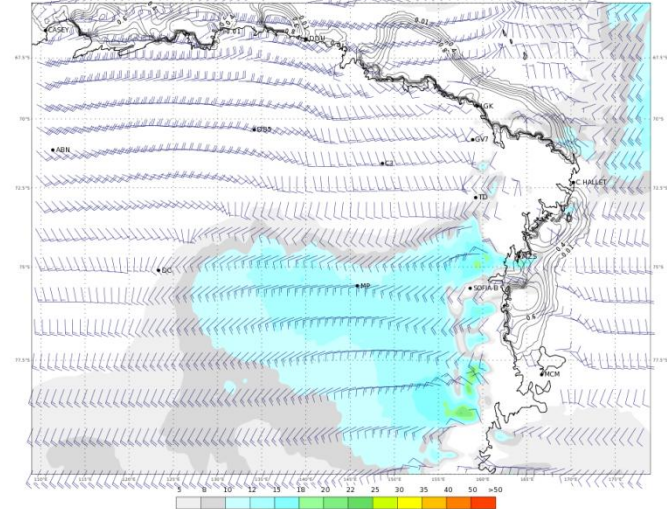
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Terra Vittoria - Geopotential at 500 hPa + 6h accumulated precipitation (mm)



ECMWF 05 Febbraio 2018 00UTC Forecast T+54 VT: Mercoledì 07 Febbraio 2018 06UTC  
Terra Vittoria - Temperature at 2 m (°C)






ECMWF 05 Febbraio 2018 00UTC Forecast T+54 VT: Mercoledì 07 Febbraio 2018 06UTC  
Terra Vittoria - Wind at 10 m (kts)





# WEATHER FORECAST FOR TOMORROW AT TERRA NOVA BAY

## Wednesday 07/02/2018

	ORE 07	ORE 13	ORE 19
CIELO			
FENOMENI	NIL	NIL	NIL
VENTO MZS	WNW 10/15 KT	WNW 05/10 KT	WNW 05/10 KT
VENTO BOULDER	WNW 20/25 KT	WNW 10/15 KT	WNW 10/15 KT
TEMPERATURA [°C]	-08/-06 °C	-07/-05 °C	-06/-04 °C
WIND CHILL [°C]	-17/-14 °C	-14/-11 °C	-13/-10 °C
STATO DEL MARE	POCO MOSSO O MOSSO	POCO MOSSO	POCO MOSSO

# WEATHER TENDENCY AT TERRA NOVA BAY

Thursday 08/02/2018

	MATTINO	POMERIGGIO
CIELO		
FENOMENI	NIL	NIL
VENTO MZS	WSW 05/10 KT	WSW 05/10 KT
VENTO BOULDER	WSW 10/15 KT	WSW 10/15 KT
TEMPERATURA [°C]	-11/-09 °C	-10/-08 °C
WIND CHILL [°C]	-19/-16 °C	-18/-15 °C
STATO DEL MARE	POCO MOSSO	POCO 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



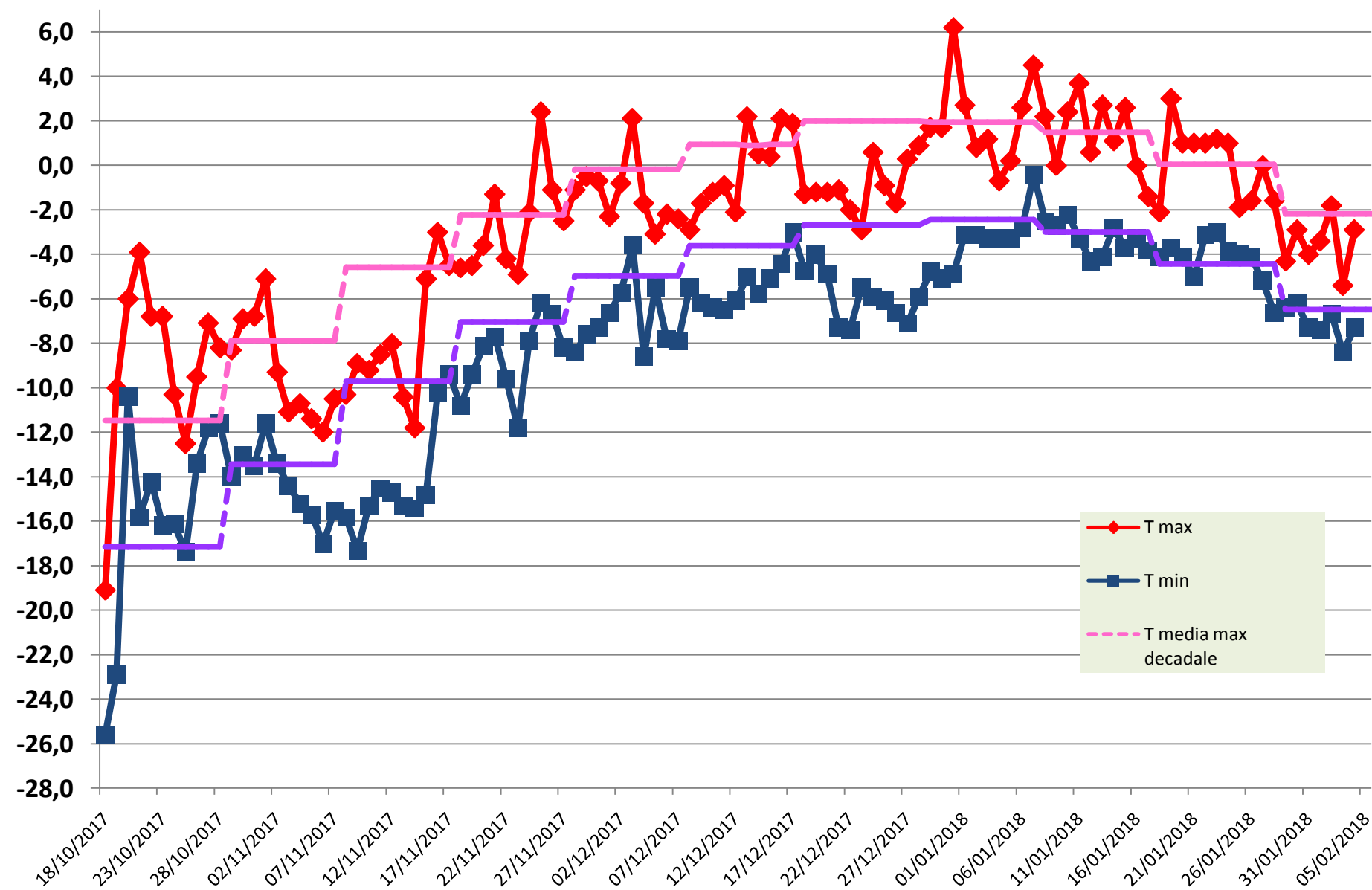
<b>05/02/2018 UTC time (13:00 04/02 - 13:00 05/02)</b>		
<b>MAX temperature</b>	<b>(ore 09:36/L)</b>	<b>-2.9 °C</b>
<b>MIN temperature</b>	<b>(ore 23:59/L)</b>	<b>-7.3 °C</b>
<b>MAX humidity</b>	<b>(ore 21:44/L)</b>	<b>56 %</b>
<b>MIN humidity</b>	<b>(ore 09:43/L)</b>	<b>27 %</b>
<b>MAX wind direction/speed</b>	<b>(ore 00:30/L)</b>	<b>304/32.3 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

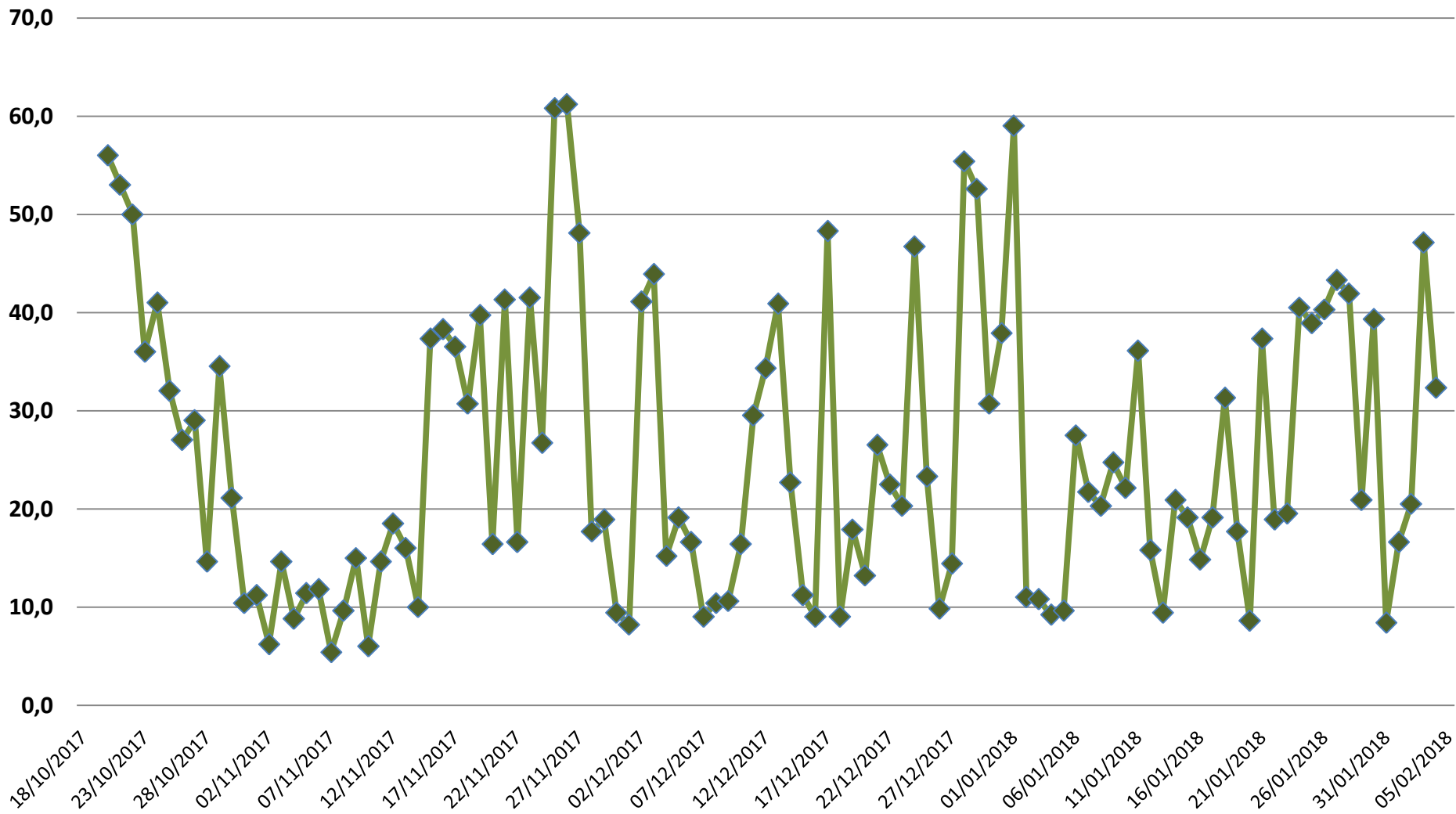
ENEIDE weather station (MZS) - Antarctic Climatology Observatory





# 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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