



# WEATHER

*Meteorological observations and forecasts*

**Saturday 06/01/2018**

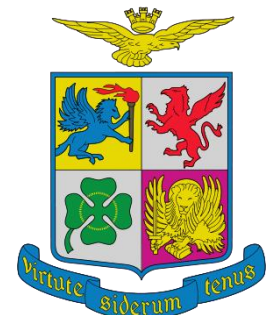
*MET Office - "Mario Zucchelli" Base - Terranova Bay*

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

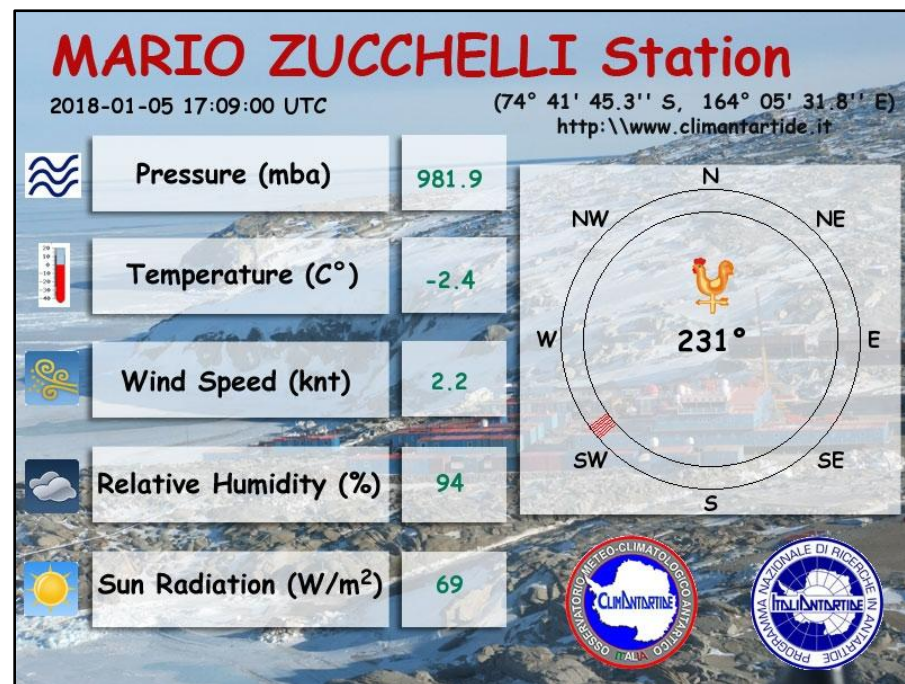
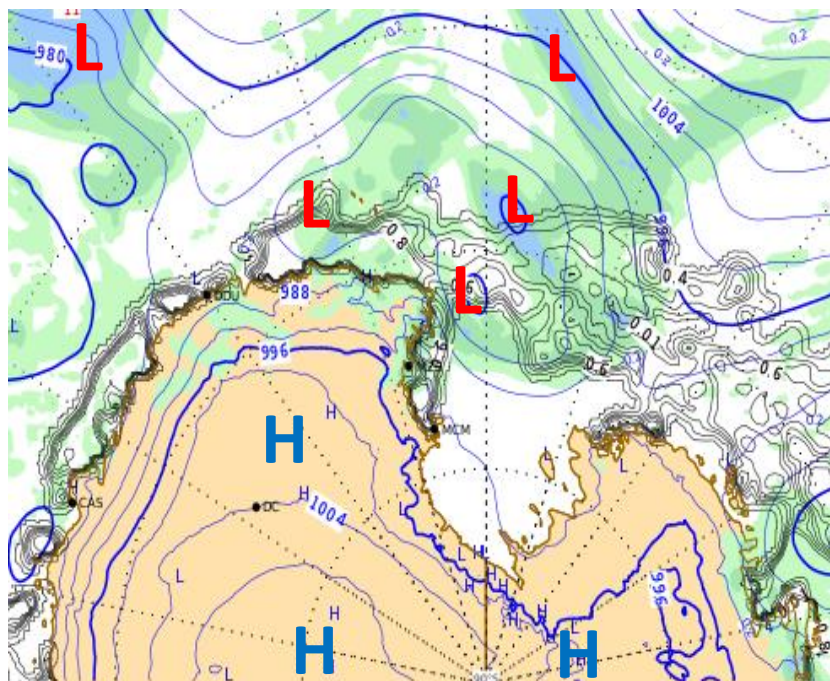
Meteorological observations and forecasts



## Saturday 06/01/2018

Sea Level Pressure + Precipitation at 07:00

Latest Report



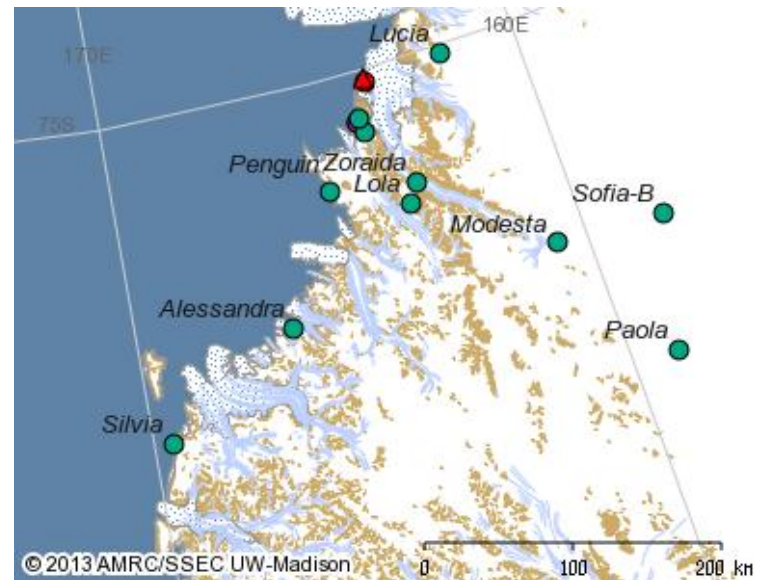
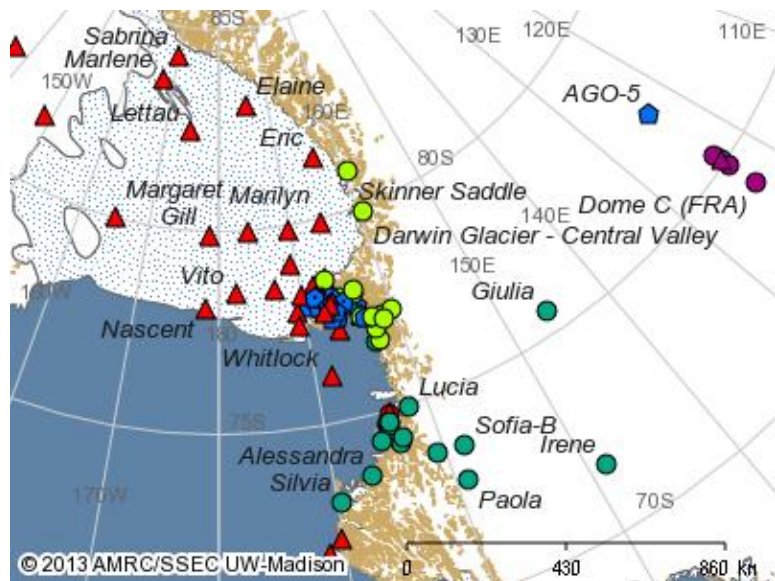
**VENTO AREA BOULDER: S 05 KT** (06:10 loc time recorded)



# 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	2018-01-05 16:00	150	1	5	-3.1	-2.9	-3.4	97	972.2
Arelis	2018-01-05 16:00	170	4	7	-2.3	-2.1	-2.4	11	973.9
Concordia	2018-01-05 16:00	140	13	15	-28.0	-27.6	-29.5	77	648.0
Eneide	2018-01-05 16:00	230	0	5	-2.4	-2.3	-2.8	94	981.6
Giulia	2018-01-05 16:00	250	6	9	-30.4	-29.2	-30.5	69	718.4
Lola	2018-01-05 16:00	100	5	6	-14.0	-14.0	-14.4	87	805.6
Modesta	2018-01-05 16:00	230	2	7	-19.3	-18.4	-19.4	84	767.5
Paola	2018-01-05 16:00	170	10	11	-20.8	-20.6	-20.8	81	//
Rita	2018-01-05 16:00	190	43	43	//	-3.6	-4.6	99	//
Silvia	2018-01-05 16:00	240	31	42	-6.2	-6.1	-6.5	//	923.9
Sofiab	2018-01-05 16:00	150	7	8	-14.8	-13.6	-14.8	89	//
Zoraida	2018-01-05 16:00	130	7	11	-8.4	-8.1	-8.4	98	889.2

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



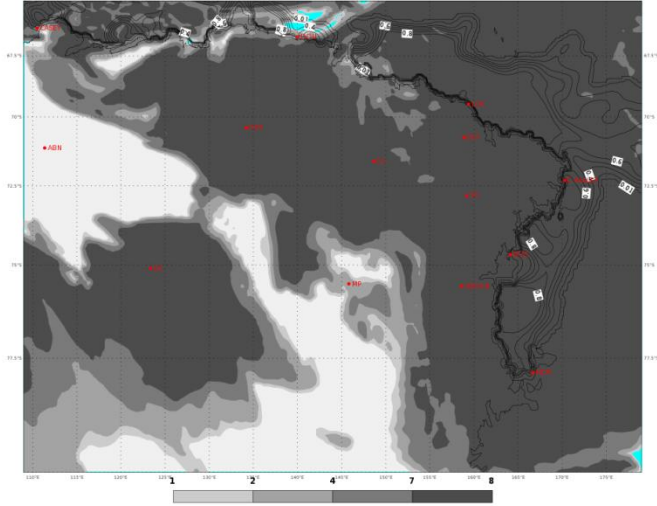
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# PREVISIONI - FORECASTS

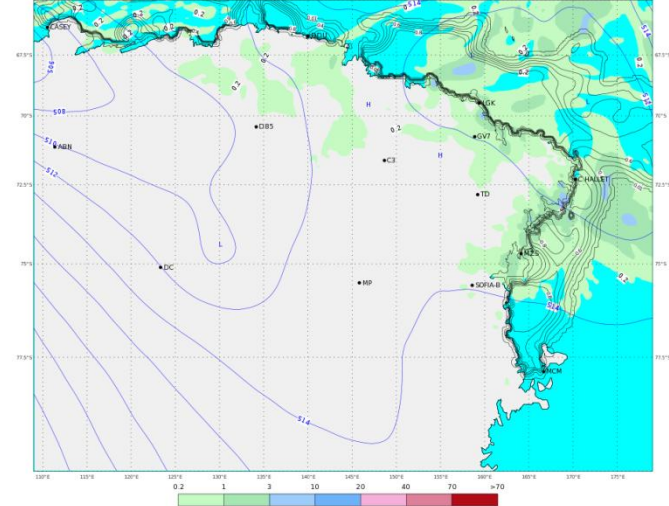
OGGI - ORE 07 LT

TODAY - 07 LT

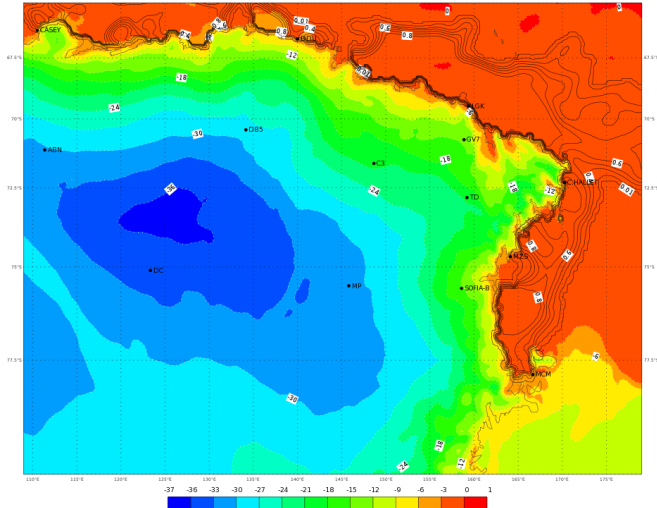
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Terra Vittoria - Total cloud cover (oct)



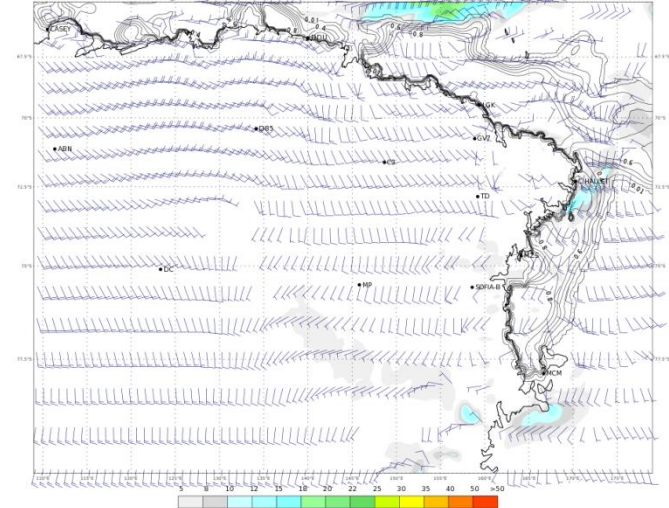
ECMWF 05 Gennaio 2018 00UTC Forecast T+18 VT: Venerdì 05 Gennaio 2018 18UTC  
Terra Vittoria - Geopotential at 500 hPa + 6h accumulated precipitation (mm)



ECMWF 05 Gennaio 2018 00UTC Forecast T+18 VT: Venerdì 05 Gennaio 2018 18UTC  
Terra Vittoria - temperature at 2 m (°C)



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



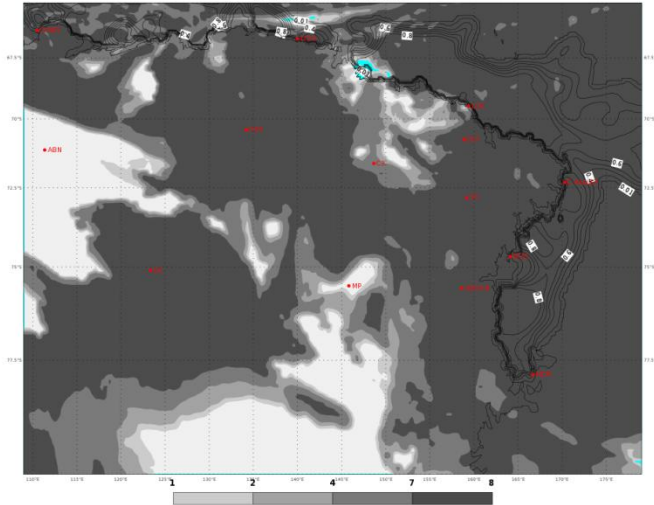


# PREVISIONI - FORECASTS

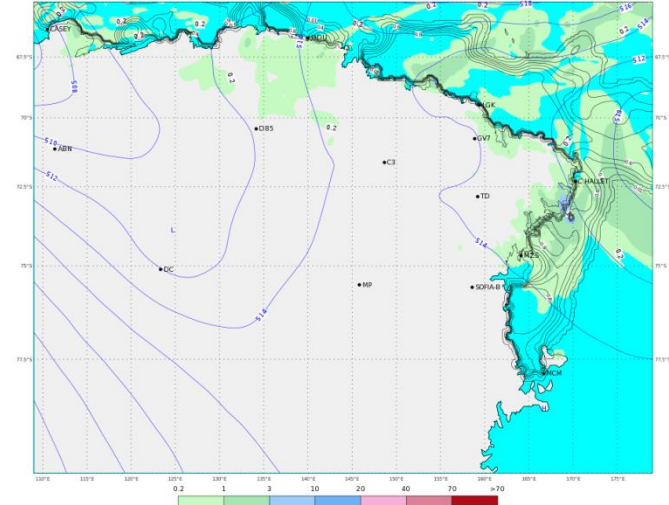
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## TODAY - 13 LT

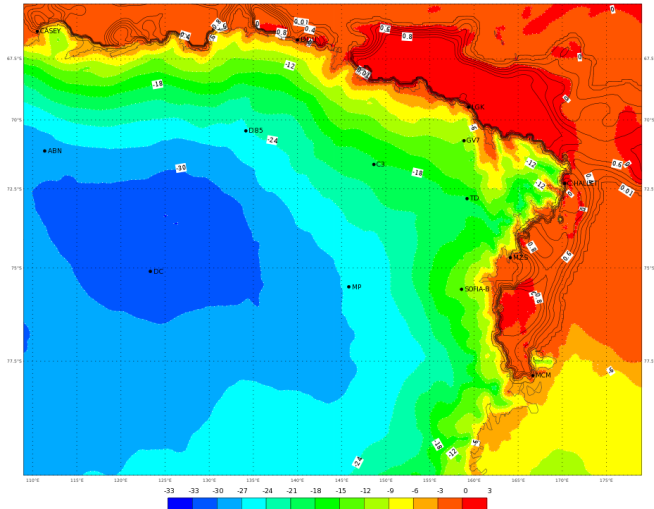
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Terra Vittoria - Total cloud cover (oct)



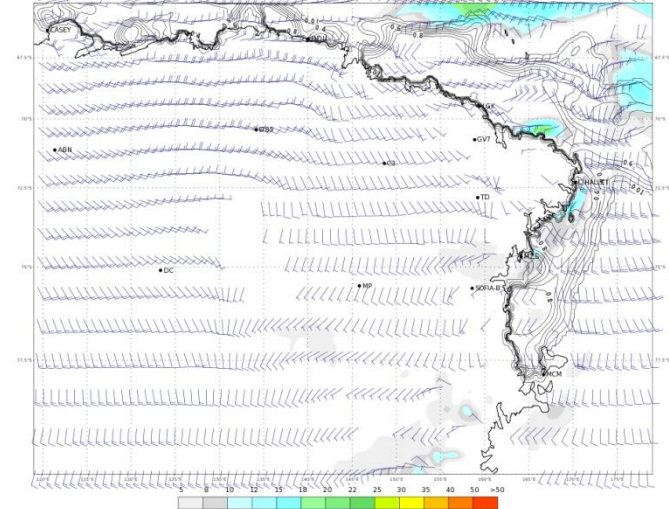
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Terra Vittoria - Geopotential at 500 hPa + 6h accumulated precipitation (mm)



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



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

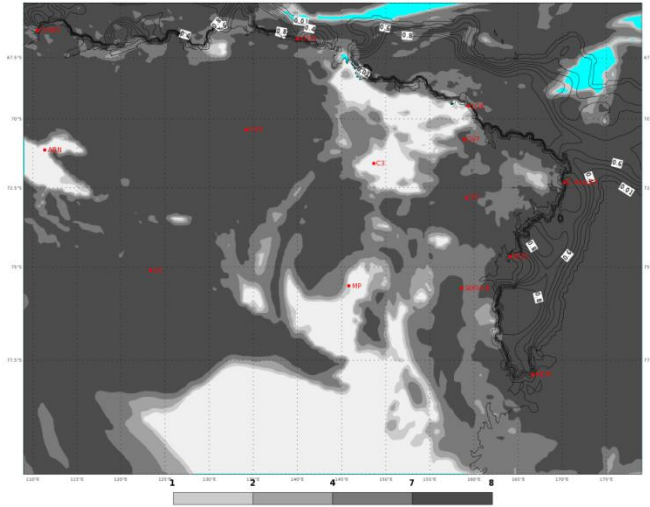


# PREVISIONI - FORECASTS

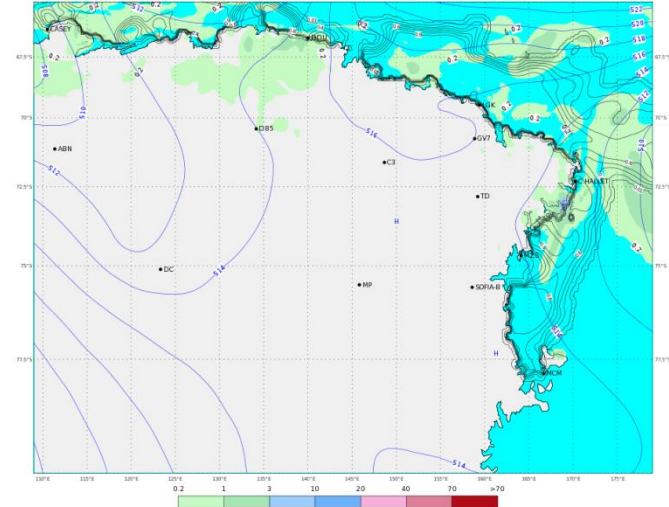
OGGI - ORE 19 LT

TODAY - 19 LT

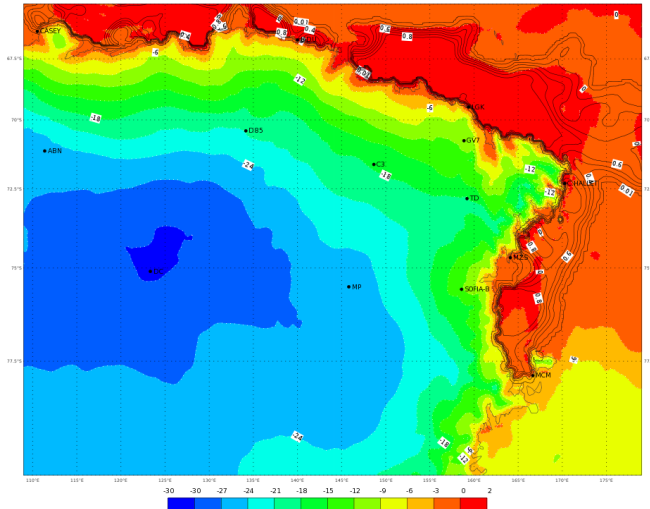
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Terra Vittoria - Total cloud cover (oct)



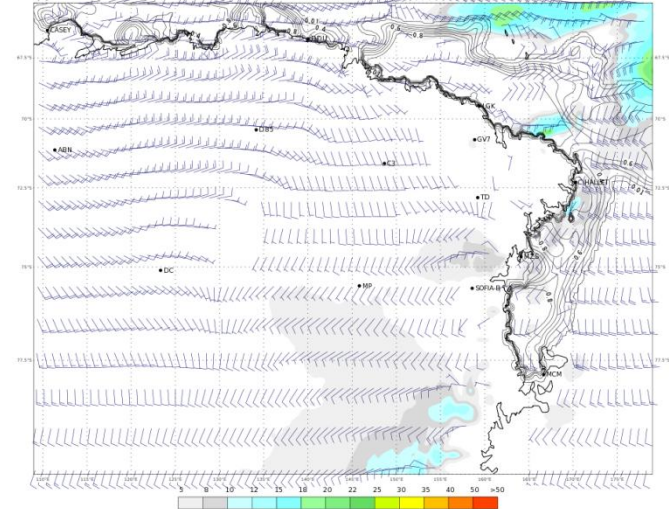
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Terra Vittoria - Geopotential at 500 hPa + 6h accumulated precipitation (mm)



ECMWF 05 Gennaio 2018 00UTC Forecast T+30 VT: Sabato 06 Gennaio 2018 06UTC  
Terra Vittoria - Temperature at 2 m (°C)






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



# WEATHER FORECAST FOR TODAY AT TERRA NOVA BAY

## Saturday 06/01/2018

	ORE 07	ORE 13	ORE 19
CIELO			
FENOMENI	NEVE DEBOLE	NIL	NIL
VENTO MZS	WSW 05/10 KT	VRB 05 KT	WSW 05/10 KT
VENTO BOULDER	WSW 10/20 KT	VRB 07 KT	WNW 10/20 KT
TEMPERATURA [°C]	-04/-02 °C	-03/-01 °C	-02/00 °C
WIND CHILL [°C]	-10/-07 °C	-07/-04 °C	-08/-05 °C
AVVISI	NIL	NIL	NIL

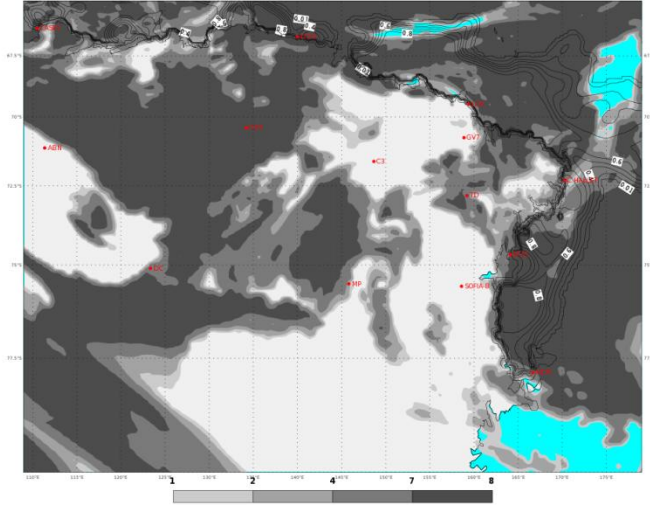


# PREVISIONI - FORECASTS

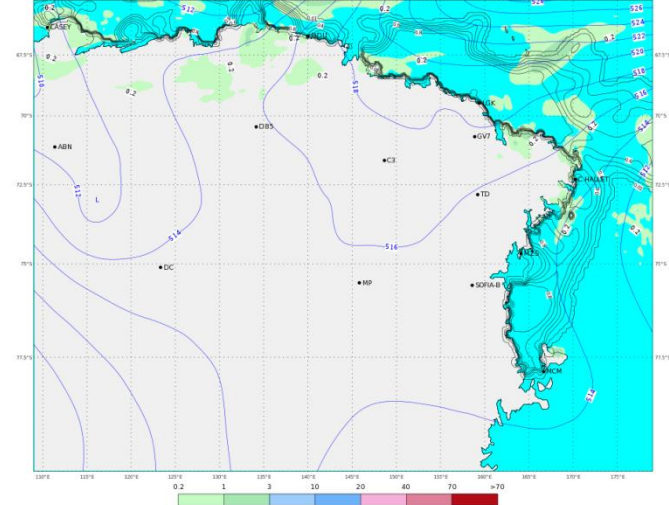
## DOMANI - ORE 01 LT

## TOMORROW - 01 LT

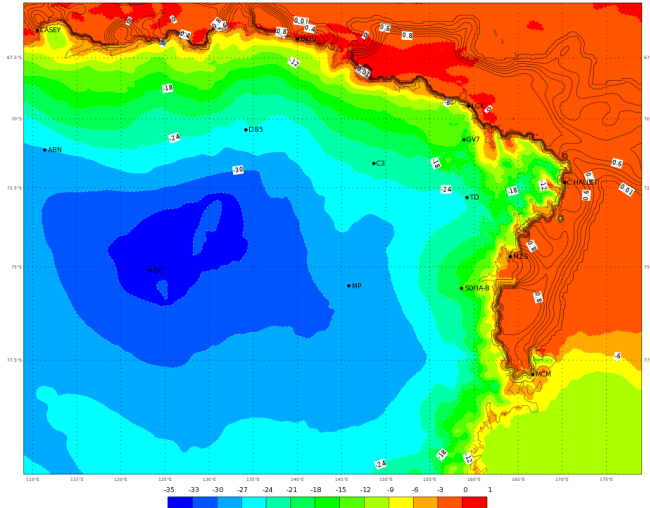
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Terra Vittoria - Total cloud cover (oct)



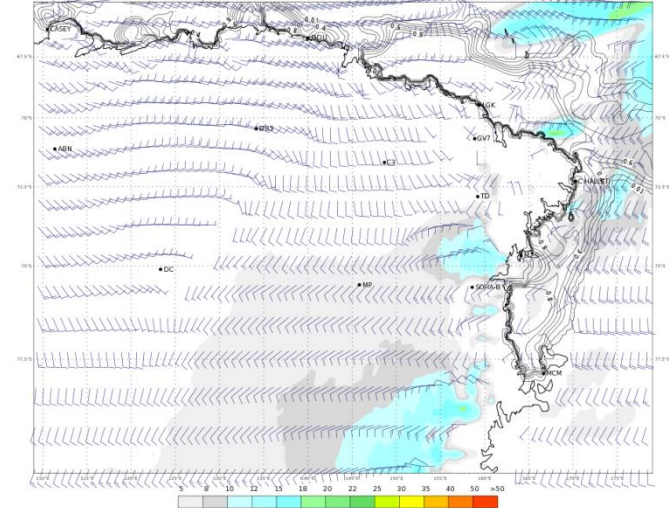
ECMWF 05 Gennaio 2018 00UTC Forecast T+36 VT: Sabato 06 Gennaio 2018 12UTC  
Terra Vittoria - Geopotential at 500 hPa + 6h accumulated precipitation (mm)



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



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

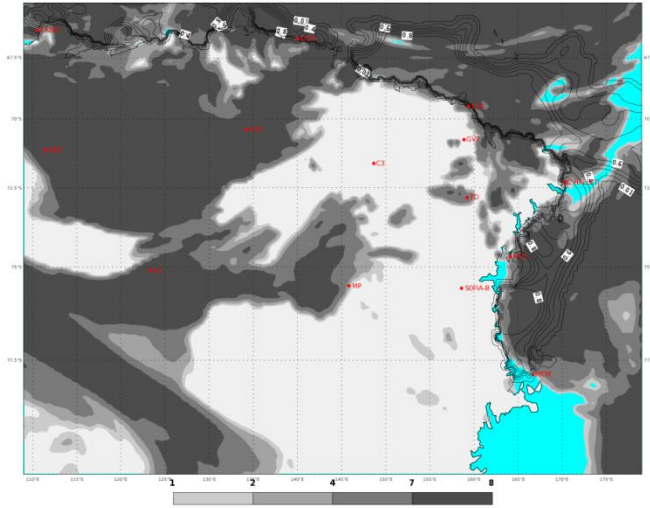


# PREVISIONI - FORECASTS

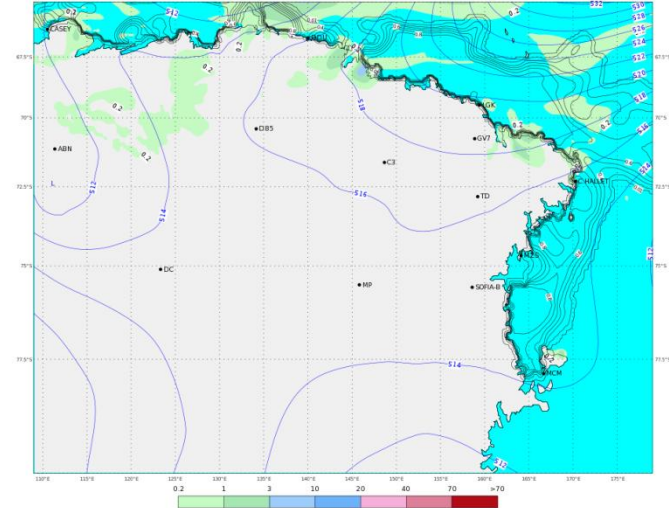
## DOMANI - ORE 07 LT

## TOMORROW - 07 LT

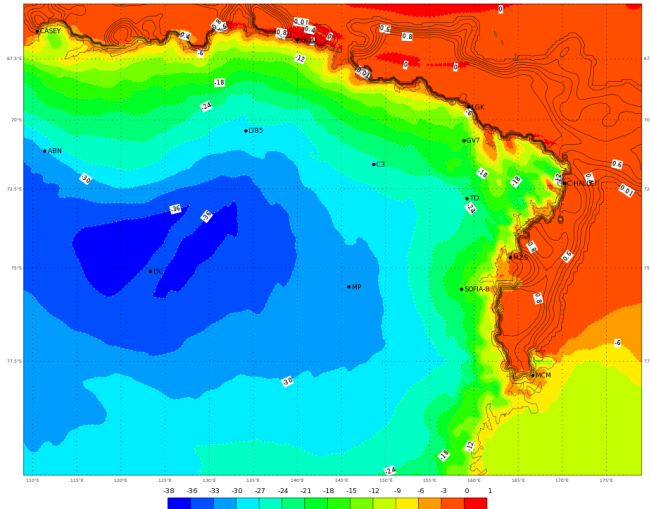
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Terra Vittoria - Total cloud cover (oct)



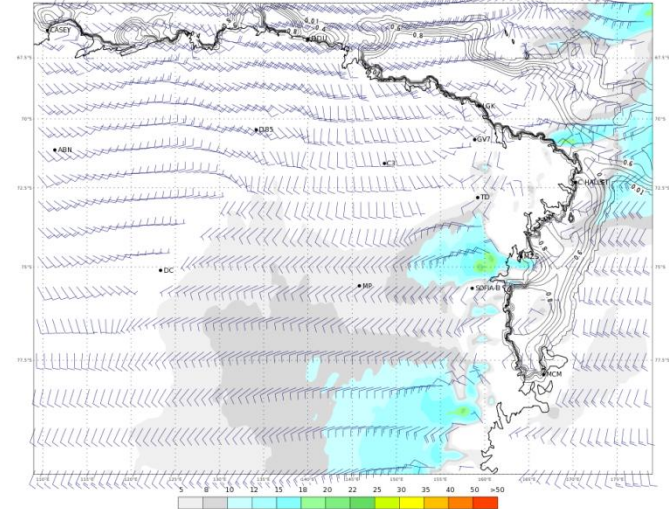
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Terra Vittoria - Geopotential at 500 hPa + 6h accumulated precipitation (mm)



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



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



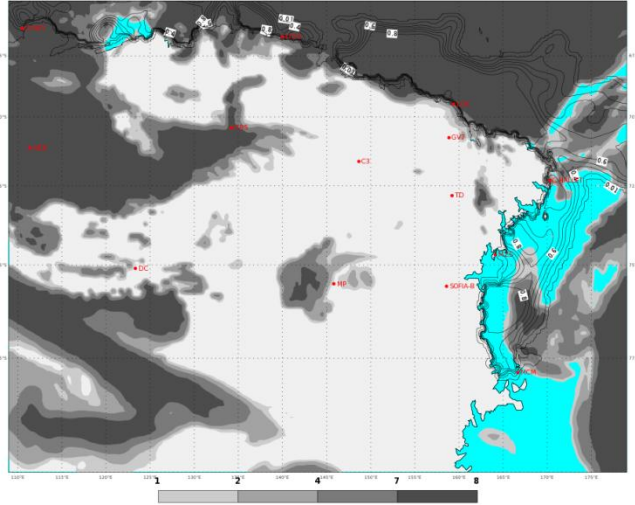


# PREVISIONI - FORECASTS

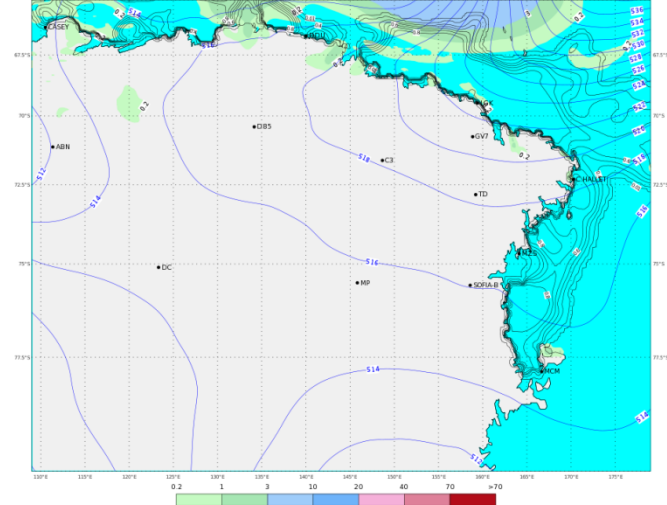
## DOMANI - ORE 13 LT

## TOMORROW - 13 LT

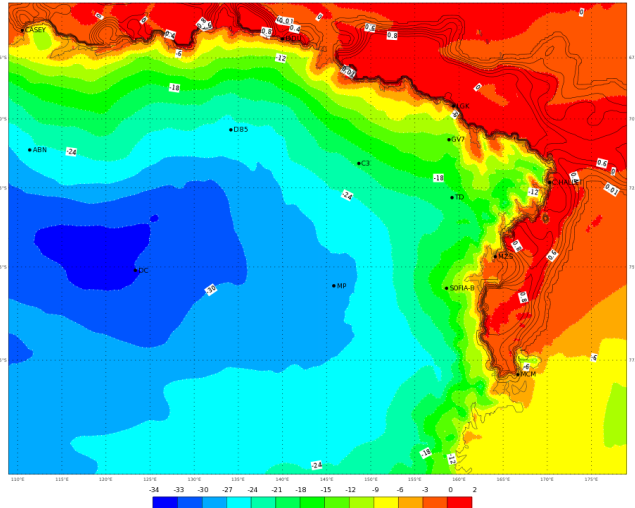
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Terra Vittoria - Total cloud cover (oct)



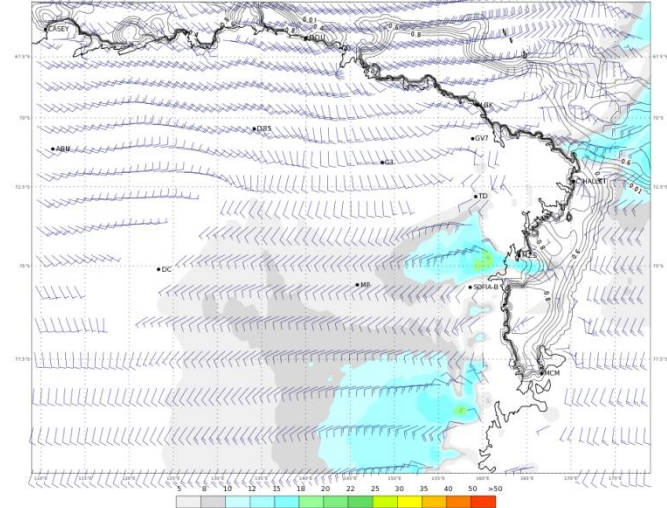
ECMWF 05 Gennaio 2018 00UTC Forecast T+48 VT: Domenica 07 Gennaio 2018 00UTC  
Terra Vittoria - Geopotential at 500 hPa + 6h accumulated precipitation (mm)



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



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

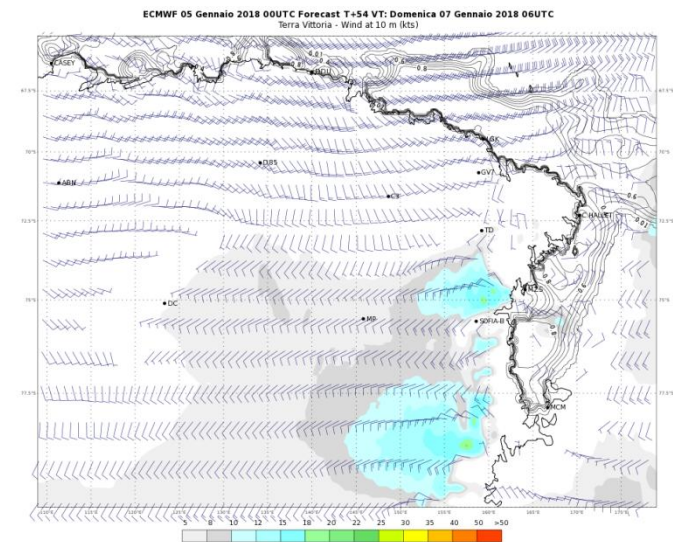
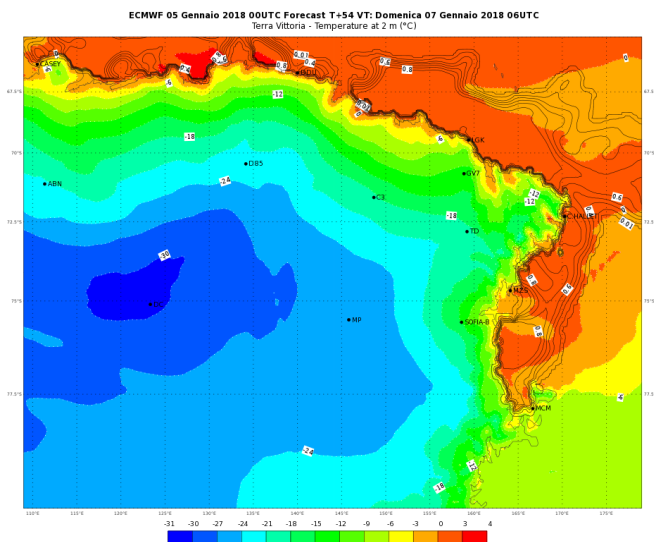
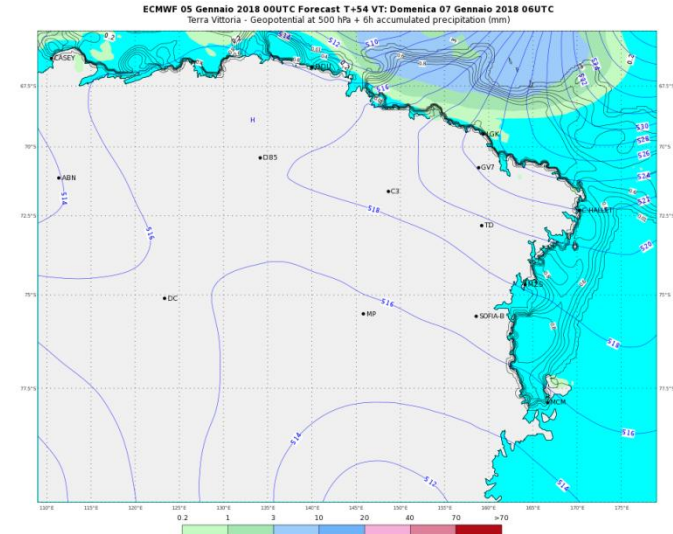
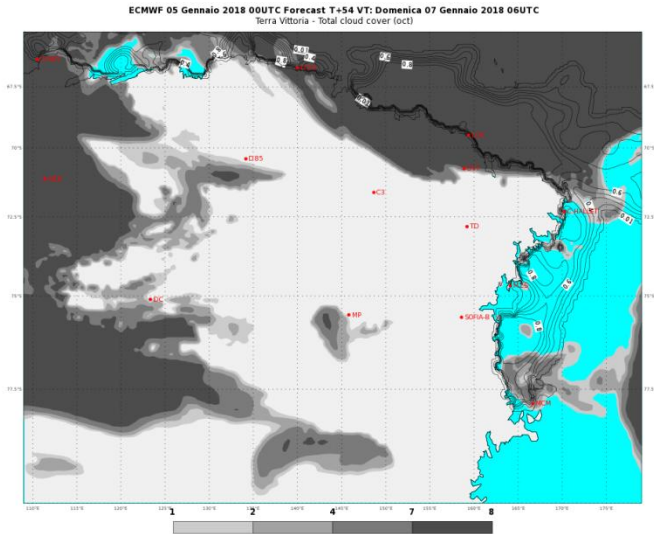




# PREVISIONI - FORECASTS




## DOMANI - ORE 19 LT

## TOMORROW - 19 LT



# WEATHER FORECAST FOR TOMORROW AT TERRA NOVA BAY

## Sunday 07/01/2018



	ORE 07	ORE 13	ORE 19
CIELO			
FENOMENI	NIL	NIL	NIL
VENTO MZS	WNW 10/15 KT	VRB 05 KT	WNW 10/15 KT
VENTO BOULDER	WNW 15/25 KT	VRB 07 KT	WNW 15/25 KT
TEMPERATURA [°C]	-03/-01 °C	-02/-00 °C	-02/00 °C
WIND CHILL [°C]	-11/-08 °C	-06/-03 °C	-09/-06 °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

Monday 08/01/2018

	MATTINO	POMERIGGIO
CIELO		
FENOMENI	NIL	NEVE DEBOLE A TRATTI MODERATA
VENTO MZS	WSW 10/15 KT	SSE 10/15 KT
VENTO BOULDER	WSW 15/25 KT	SSE 15/25 KT
TEMPERATURA [°C]	-04/-02 °C	-04/-02 °C
WIND CHILL [°C]	-12/-09 °C	-12/-09 °C
AVVISI	NIL	NIL





# Extreme Values of Yesterday



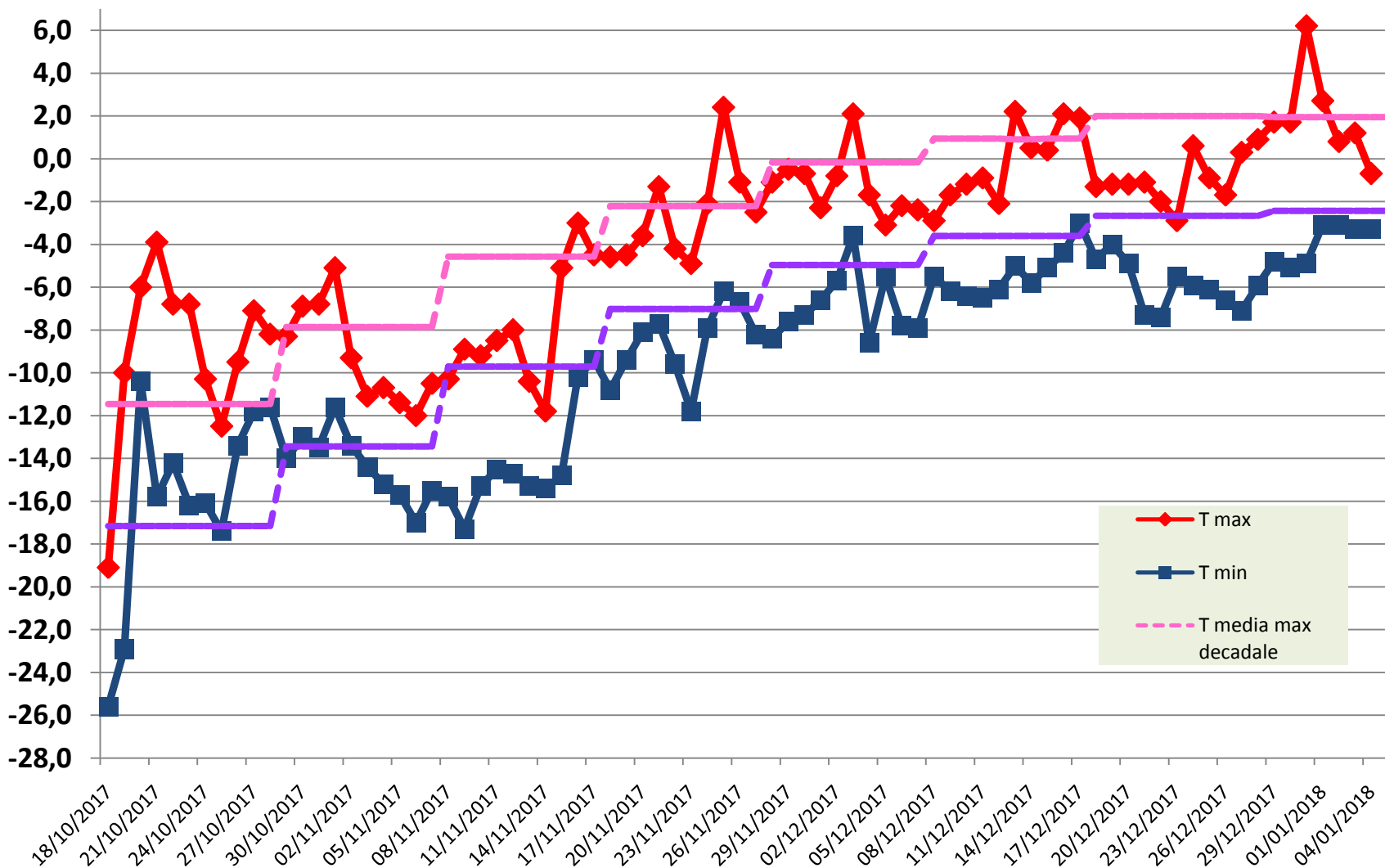
<b>05/01/2018 UTC time (13:00 04/01 - 13:00 05/01)</b>		
<b>MAX temperature</b>	<b>(ore 00:22/L)</b>	<b>-0.7°C</b>
<b>MIN temperature</b>	<b>(ore 22:45/L)</b>	<b>-3.3 °C</b>
<b>MAX humidity</b>	<b>(ore 13:12/L)</b>	<b>100 %</b>
<b>MIN humidity</b>	<b>(ore 00:22/L)</b>	<b>54 %</b>
<b>MAX wind direction/speed</b>	<b>(ore 08:44/L)</b>	<b>113/9.2 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

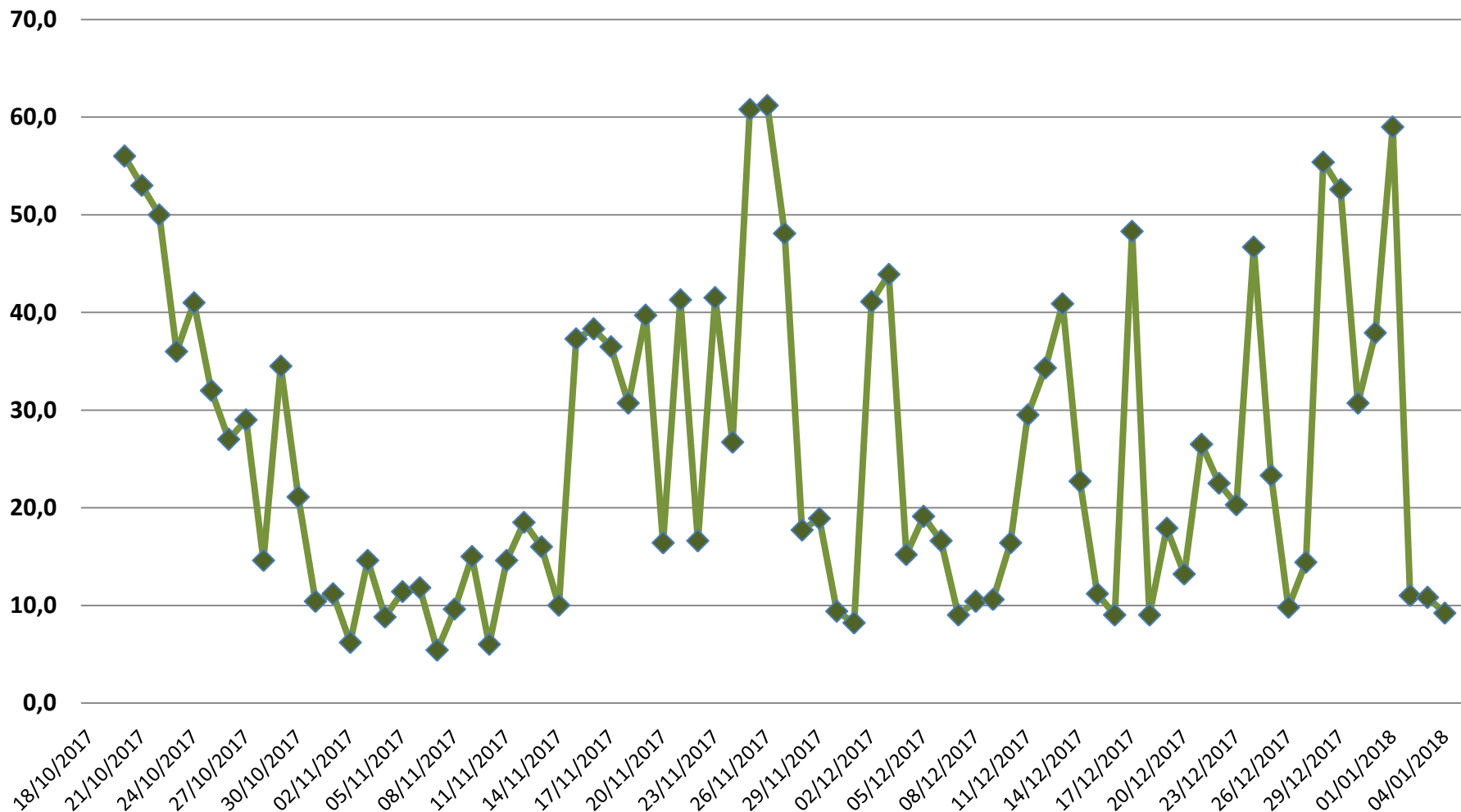
ENEIDE weather station (MZS) - Antarctic Climatology Observatory





# 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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