



WEATHER

Meteorological observations and forecasts

Sunday 04/02/2018

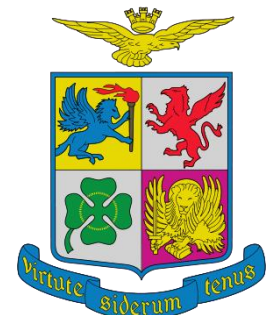
MET Office - "Mario Zucchelli" Base - Terranova Bay

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

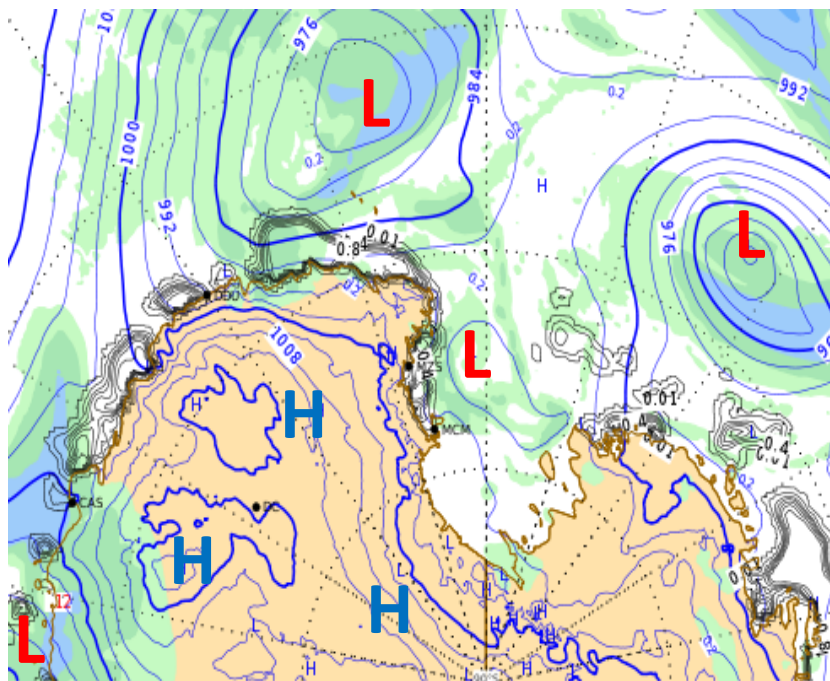
Meteorological observations and forecasts



Sunday 04/02/2018

Sea Level Pressure + Precipitation at 07:00

Latest Report



MARIO ZUCHELLI Station

2018-02-03 17:11:00 UTC (74° 41' 45.3" S, 164° 05' 31.8" E)
<http://www.climantartide.it>

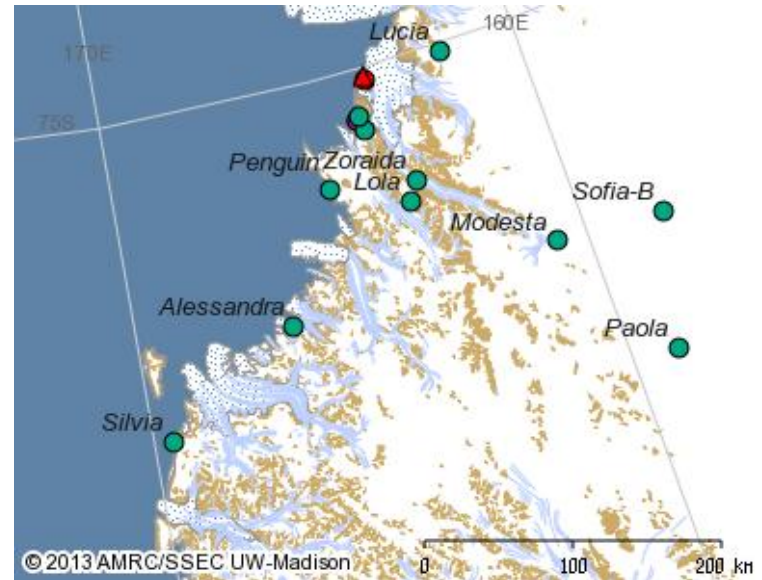
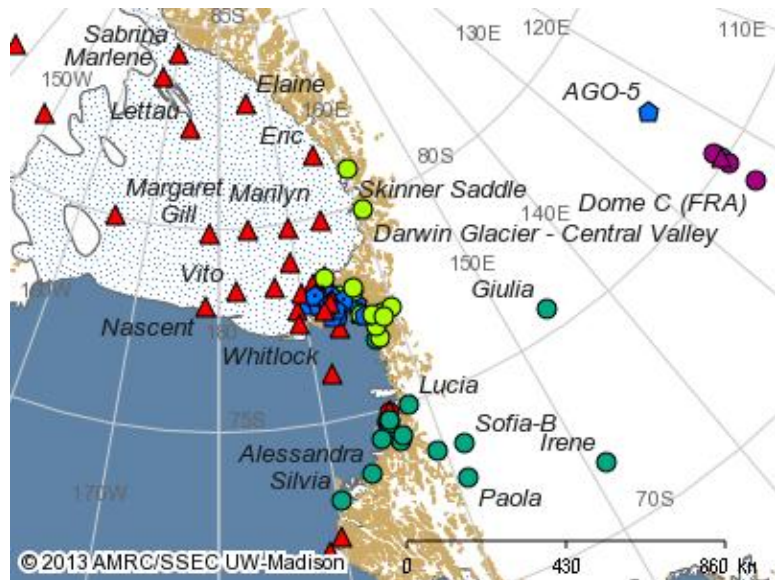
	Pressure (mba)	981.6
	Temperature (C°)	-5.9
	Wind Speed (knt)	22.3
	Relative Humidity (%)	39
	Sun Radiation (W/m²)	164

VENTO AREA BOULDER: WNW 25 KT (06:15 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	2018-02-03 16:00	360	2	9	-7.1	-6.8	-7.7	40	974.5
Arelis	2018-02-03 16:00	180	13	15	-8.3	-8.2	-8.7	11	974.2
Concordia	2018-02-03 16:00	240	7	9	-44.9	-43.4	-45.2	58	652.0
Eneide	2018-02-03 16:00	290	20	29	-6.3	-6.1	-6.9	37	981.8
Giulia	2018-02-03 16:00	220	11	14	-38.1	-37.2	-38.1	64	718.0
Lola	2018-02-03 16:00	190	11	13	-19.9	-18.8	-20.0	58	804.5
Modesta	2018-02-03 16:00	300	15	18	-34.4	-34.2	-34.7	68	767.8
Paola	2018-02-03 16:00	170	6	6	-35.6	-34.8	-35.6	66	//
Rita	2018-02-03 16:00	280	24	34	-8.3	-7.4	-8.8	47	960.4
Silvia	2018-02-03 16:00	240	32	42	-10.0	-9.2	-10.2	85	925.6
Sofiab	2018-02-03 16:00	190	12	17	-24.1	-21.1	-24.6	66	802.4
Zoraida	2018-02-03 16:00	310	33	42	-20.2	-17.8	-20.2	62	890.7

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



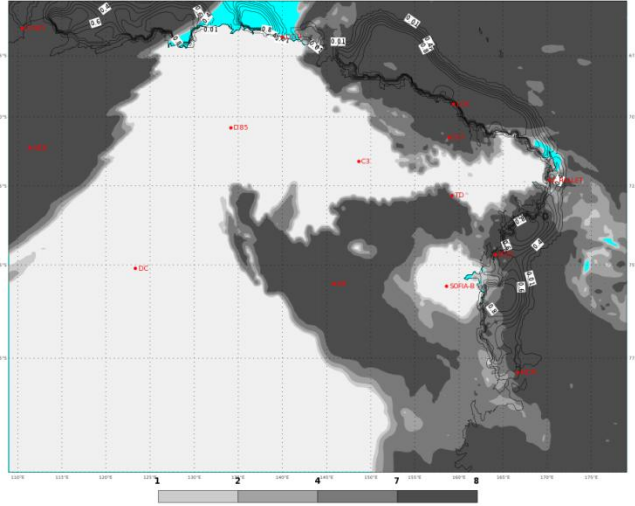
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PREVISIONI - FORECASTS

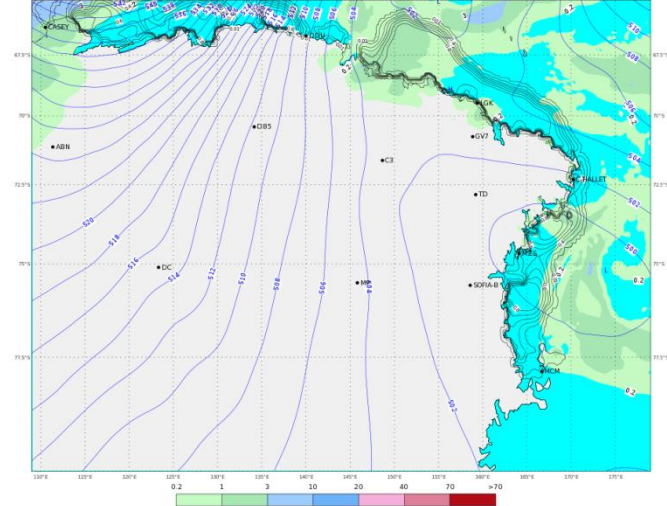
OGGI - ORE 07 LT

TODAY - 07 LT

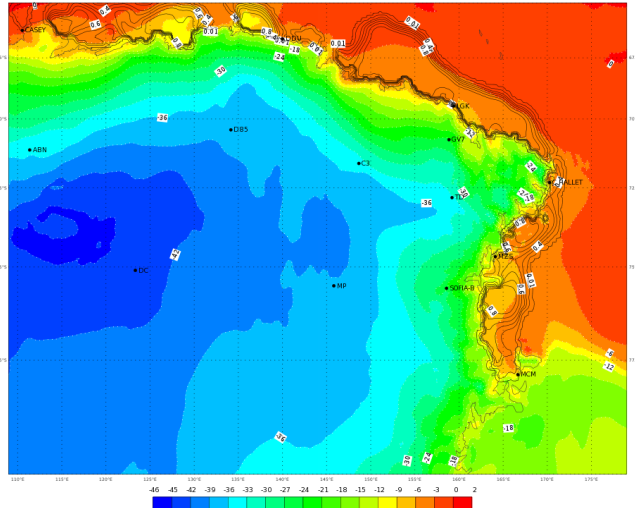
ECMWF 03 Febbraio 2018 00UTC Forecast T+18 VT: Sabato 03 Febbraio 2018 18UTC
Terra Vittoria - Total cloud cover (oct)



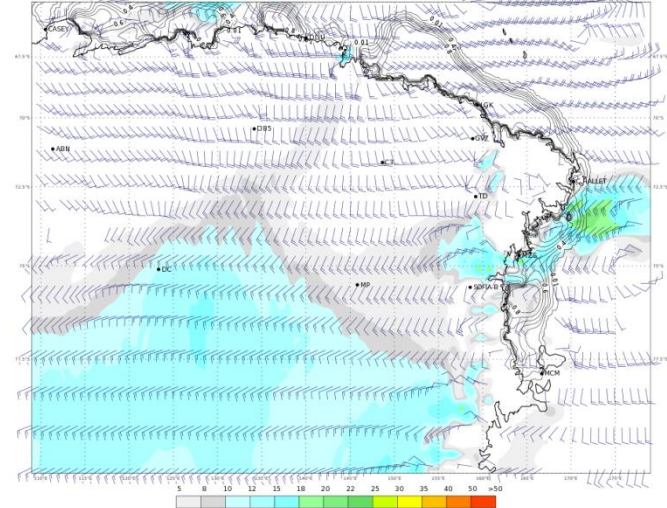
ECMWF 03 Febbraio 2018 00UTC Forecast T+18 VT: Sabato 03 Febbraio 2018 18UTC
Terra Vittoria - Geopotential at 500 hPa + 6h accumulated precipitation (mm)



ECMWF 03 Febbraio 2018 00UTC Forecast T+18 VT: Sabato 03 Febbraio 2018 18UTC
Terra Vittoria - temperature at 2 m (°C)



ECMWF 03 Febbraio 2018 00UTC Forecast T+18 VT: Sabato 03 Febbraio 2018 18UTC
Terra Vittoria - Wind at 10 m (kts)

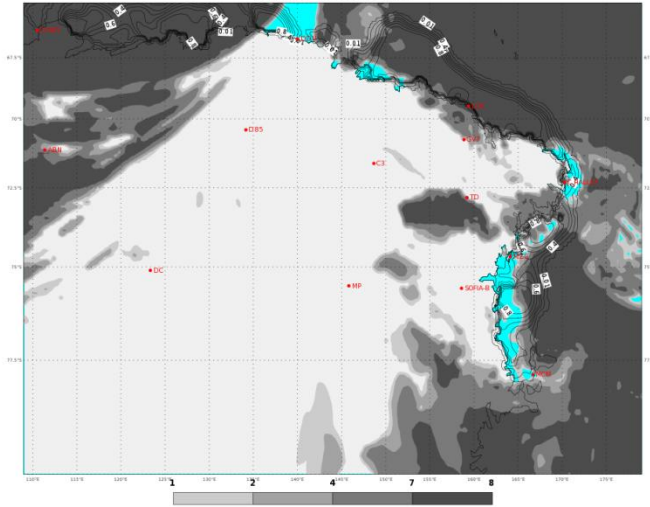


PREVISIONI - FORECASTS

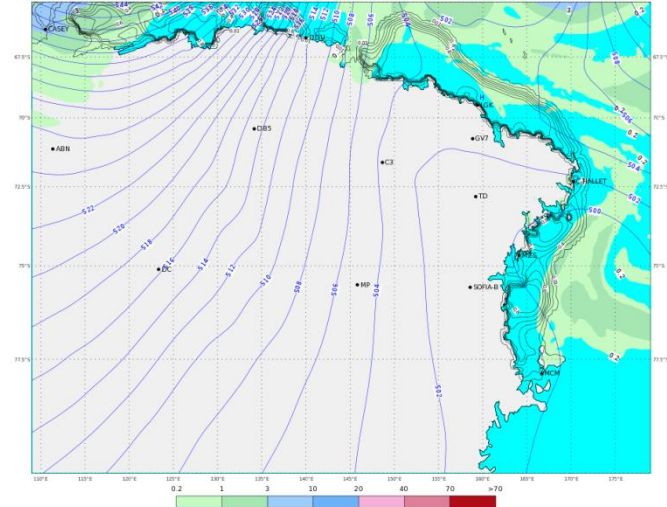
OGGI - ORE 13 LT

TODAY - 13 LT

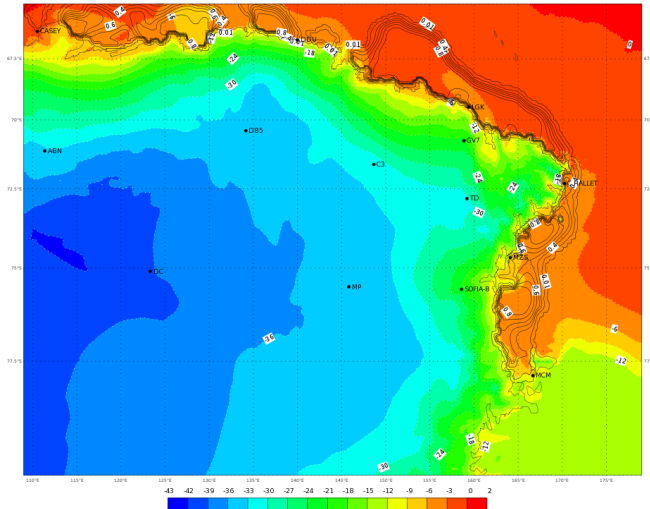
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Terra Vittoria - Total cloud cover (oct)



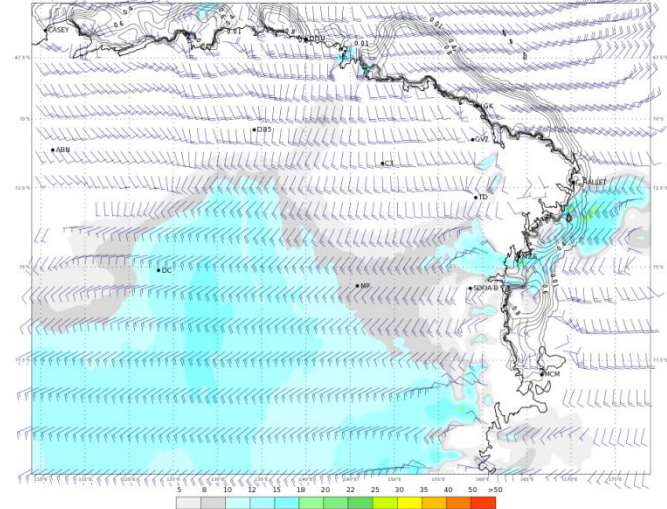
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Terra Vittoria - Geopotential at 500 hPa + 6h accumulated precipitation (mm)



ECMWF 03 Febbraio 2018 00UTC Forecast T+24 VT: Domenica 04 Febbraio 2018 00UTC
Terra Vittoria - Temperature at 2 m (°C)



ECMWF 03 Febbraio 2018 00UTC Forecast T+24 VT: Domenica 04 Febbraio 2018 00UTC
Terra Vittoria - Wind at 10 m (kts)

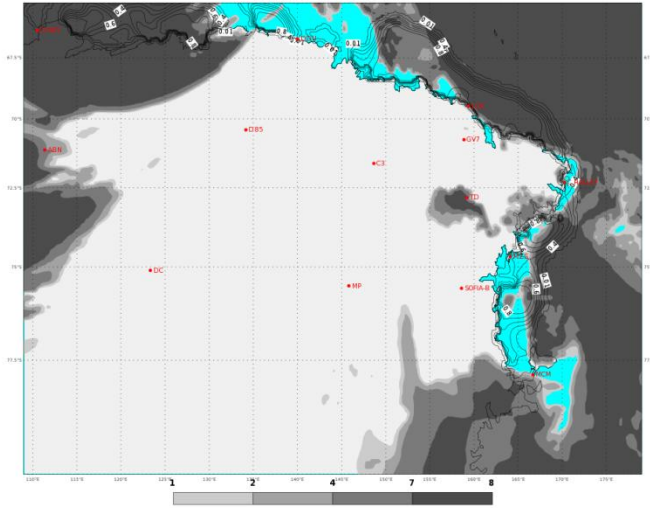


PREVISIONI - FORECASTS

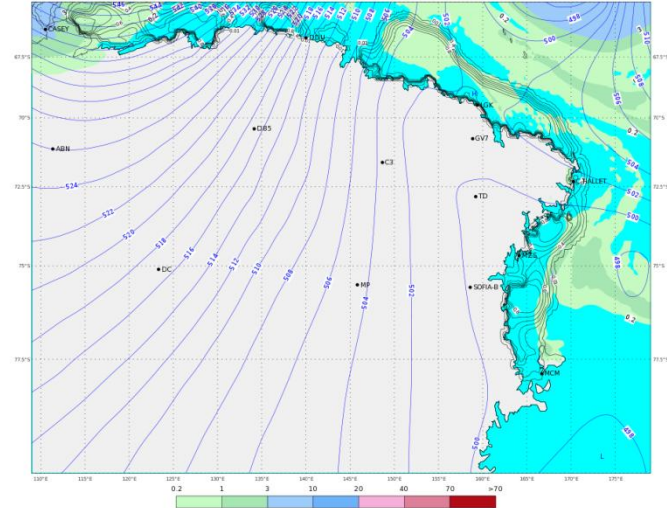
OGGI - ORE 19 LT

TODAY - 19 LT

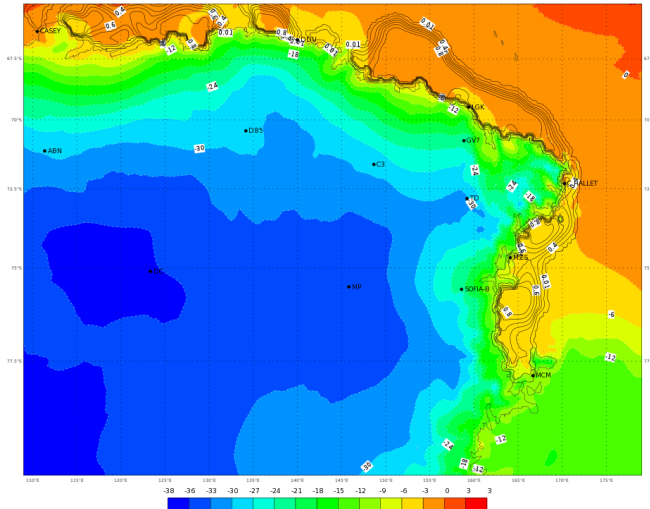
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Terra Vittoria - Total cloud cover (oct)



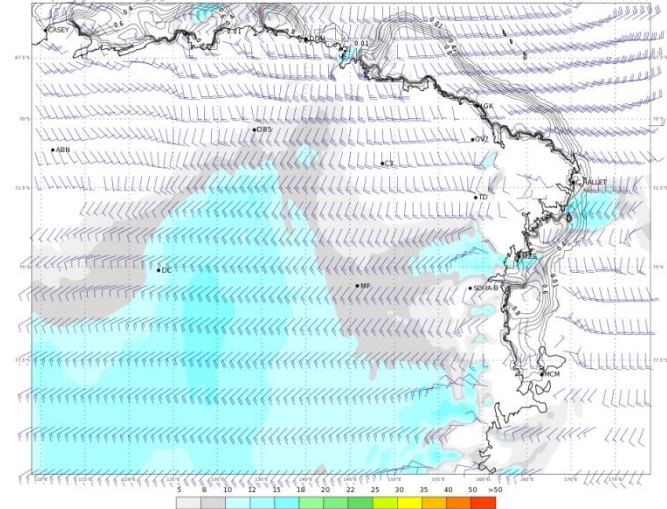
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Terra Vittoria - Geopotential at 500 hPa + 6h accumulated precipitation (mm)



ECMWF 03 Febbraio 2018 00UTC Forecast T+30 VT: Domenica 04 Febbraio 2018 06UTC
Terra Vittoria - Temperature at 2 m (°C)






ECMWF 03 Febbraio 2018 00UTC Forecast T+30 VT: Domenica 04 Febbraio 2018 06UTC
Terra Vittoria - Wind at 10 m (kts)



WEATHER FORECAST FOR TODAY AT TERRA NOVA BAY

Sunday 04/02/2018

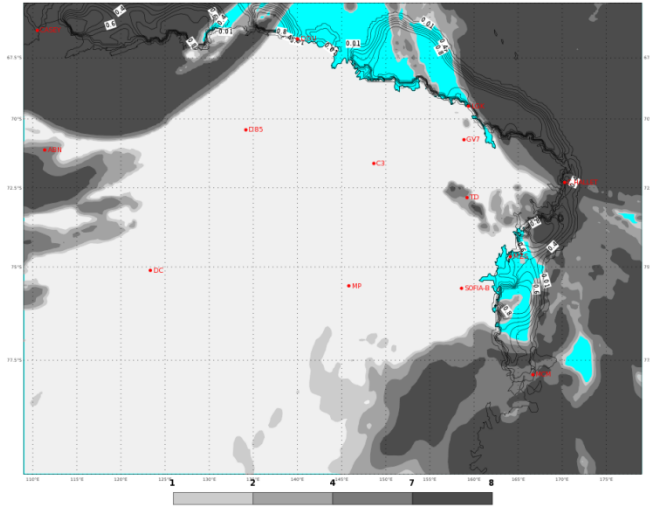
	ORE 07	ORE 13	ORE 19
CIELO			
FENOMENI	NIL	NIL	DEBOLE CATABATICO IN SERATA
VENTO MZS	WNW 20/30 KT	WSW 05/10 KT	WSW 25/40 KT
VENTO BOULDER	WNW 25/35 KT	WSW 10/20 KT	WSW 35/50 KT
TEMPERATURA [°C]	-09/-07 °C	-08/-06 °C	-08/-06 °C
WIND CHILL [°C]	-21/-18 °C	-15/-12 °C	-21/-18 °C
STATO DEL MARE	POCO MOSSO O MOSSO	POCO MOSSO O MOSSO	POCO MOSSO O MOSSO

PREVISIONI - FORECASTS

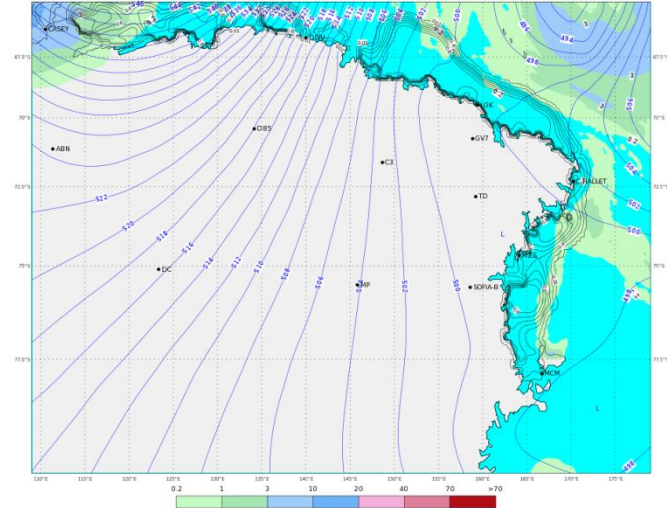
DOMANI - ORE 01 LT

TOMORROW - 01 LT

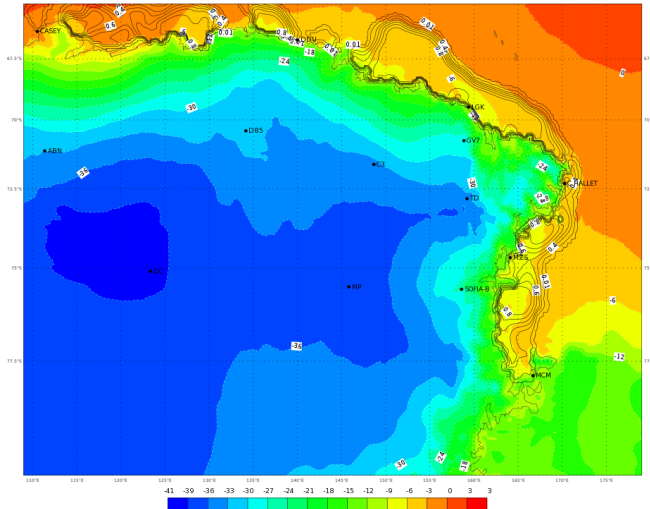
ECMWF 03 Febbraio 2018 00UTC Forecast T+36 VT: Domenica 04 Febbraio 2018 12UTC
Terra Vittoria - Total cloud cover (oct)



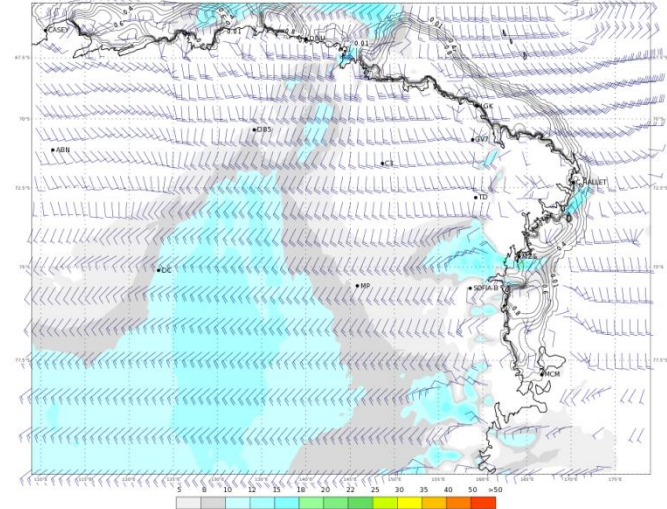
ECMWF 03 Febbraio 2018 00UTC Forecast T+36 VT: Domenica 04 Febbraio 2018 12UTC
Terra Vittoria - Geopotential at 500 hPa + 6h accumulated precipitation (mm)



ECMWF 03 Febbraio 2018 00UTC Forecast T+36 VT: Domenica 04 Febbraio 2018 12UTC
Terra Vittoria - Temperature at 2 m (°C)



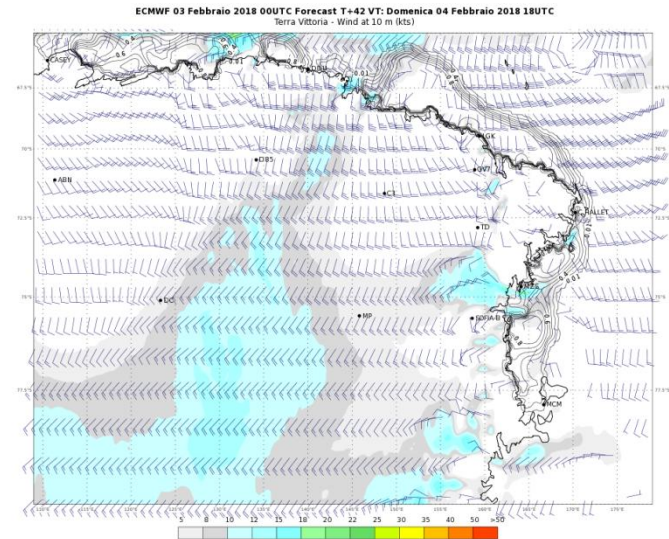
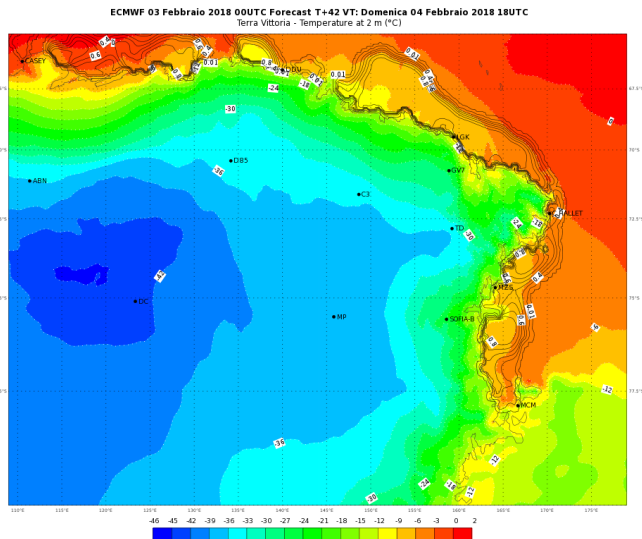
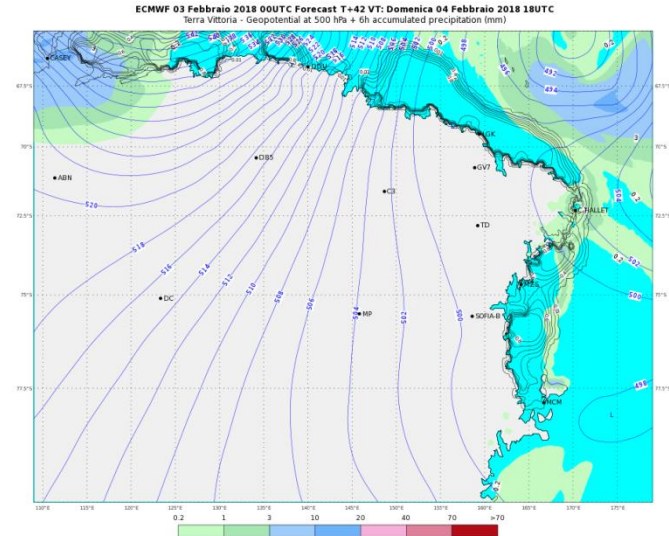
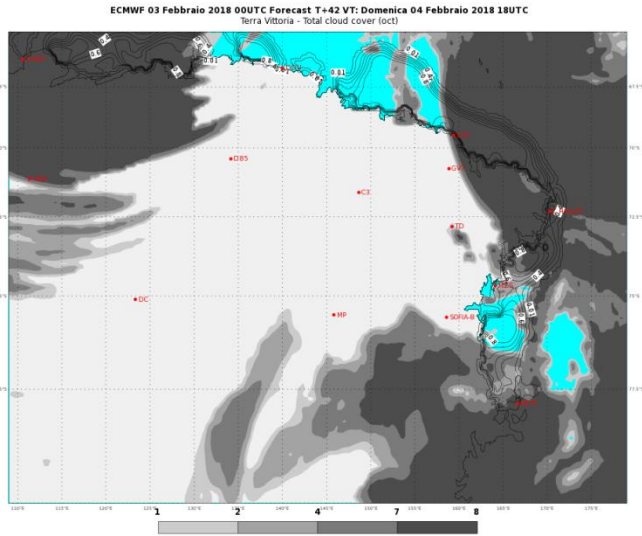
ECMWF 03 Febbraio 2018 00UTC Forecast T+36 VT: Domenica 04 Febbraio 2018 12UTC
Terra Vittoria - Wind at 10 m (kts)



PREVISIONI - FORECASTS

DOMANI - ORE 07 LT

TOMORROW - 07 LT

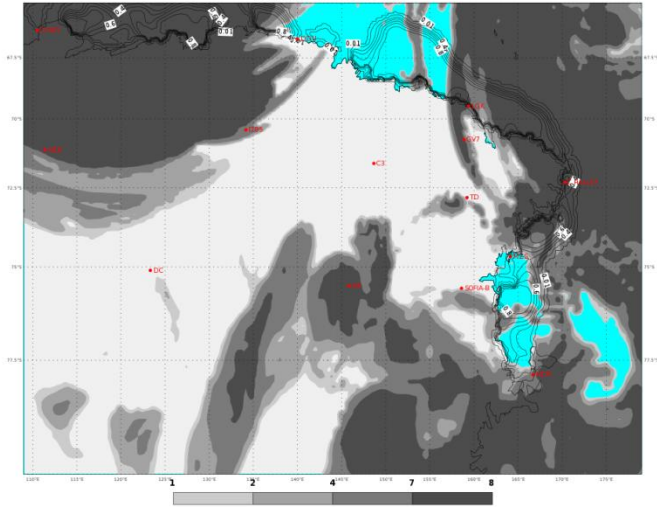


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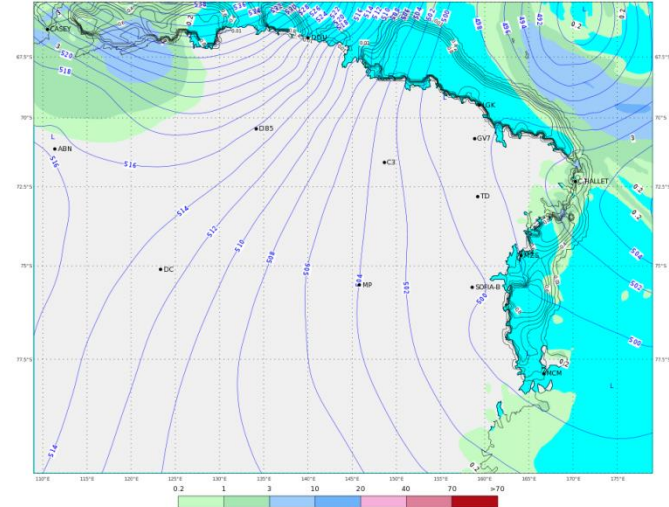
DOMANI - ORE 13 LT

TOMORROW - 13 LT

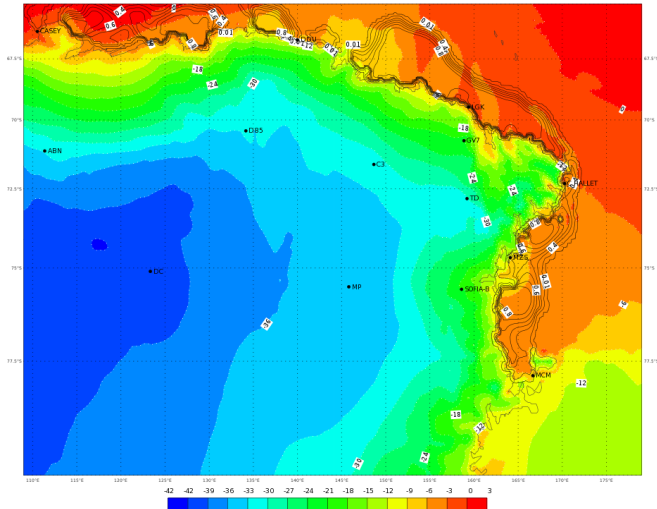
ECMWF 03 Febbraio 2018 00UTC Forecast T+48 VT: Lunedì 05 Febbraio 00UTC
Terra Vittoria - Total cloud cover (oct)



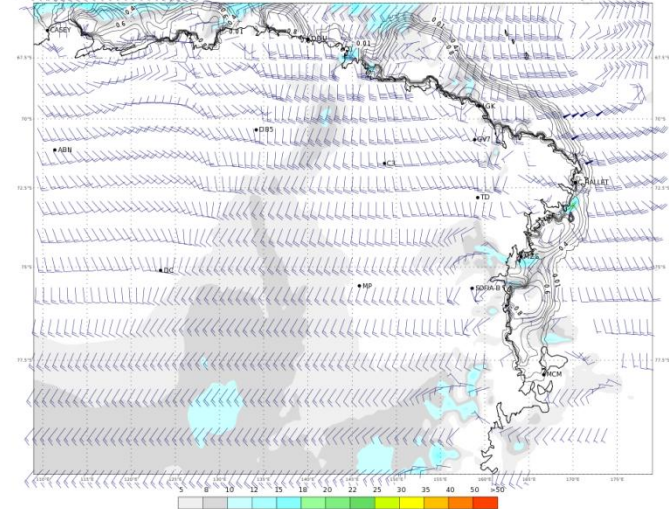
ECMWF 03 Febbraio 2018 00UTC Forecast T+48 VT: Lunedì 05 Febbraio 2018 00UTC
Terra Vittoria - Geopotential at 500 hPa + 6h accumulated precipitation (mm)



ECMWF 03 Febbraio 2018 00UTC Forecast T+48 VT: Lunedì 05 Febbraio 2018 00UTC
Terra Vittoria - Temperature at 2 m (°C)



ECMWF 03 Febbraio 2018 00UTC Forecast T+48 VT: Lunedì 05 Febbraio 2018 00UTC
Terra Vittoria - Wind at 10 m (kts)

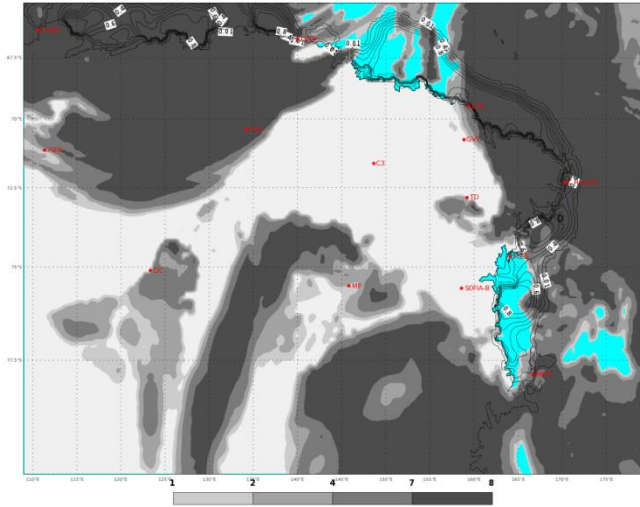


PREVISIONI - FORECASTS

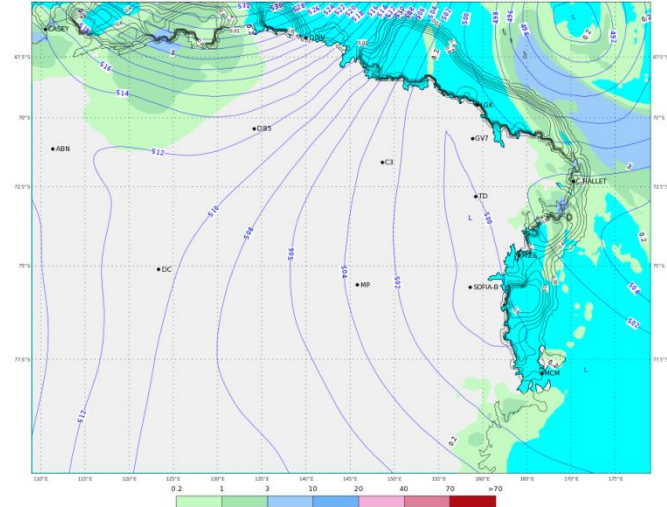
DOMANI - ORE 19 LT

TOMORROW - 19 LT

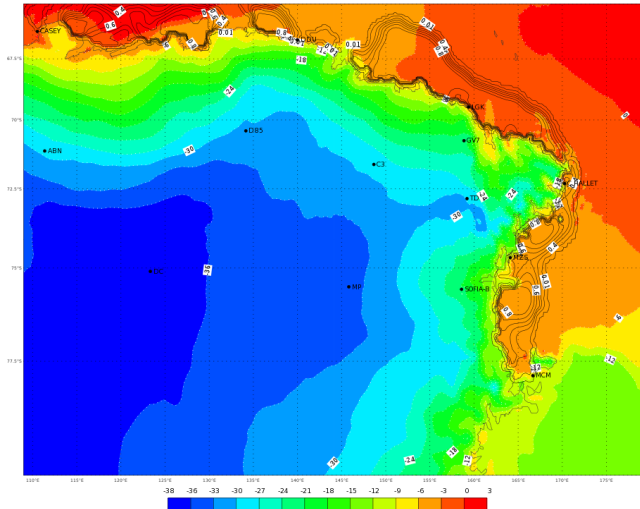
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Terra Vittoria - Total cloud cover (oct)



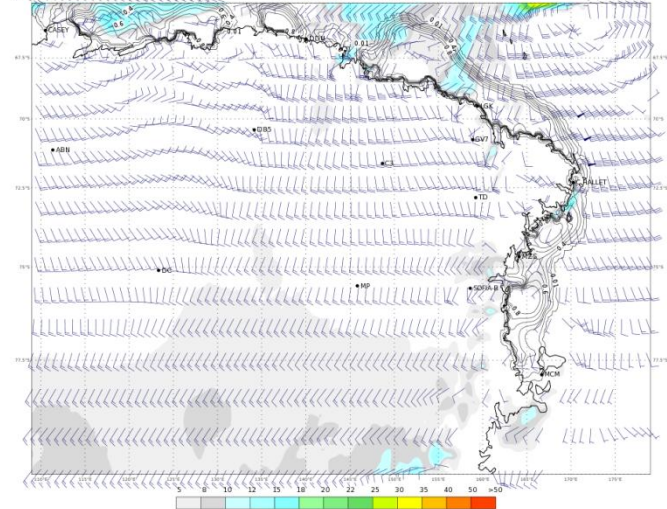
ECMWF 03 Febbraio 2018 00UTC Forecast T+54 VT: Lunedì 05 Febbraio 2018 06UTC
Terra Vittoria - Geopotential at 500 hPa + 6h accumulated precipitation (mm)



ECMWF 03 Febbraio 2018 00UTC Forecast T+54 VT: Lunedì 05 Febbraio 2018 06UTC
Terra Vittoria - temperature at 2 m (°C)






ECMWF 03 Febbraio 2018 00UTC Forecast T+54 VT: Lunedì 05 Febbraio 2018 06UTC
Terra Vittoria - Wind at 10 m (kts)





WEATHER FORECAST FOR TOMORROW AT TERRA NOVA BAY

Monday 05/02/2018

	ORE 07	ORE 13	ORE 19
CIELO			
FENOMENI	NIL	NIL	NIL
VENTO MZS	WSW 15/20 KT	WSW 10/15 KT	WSW 15/20 KT
VENTO BOULDER	WSW 20/30 KT	WSW 15/25 KT	WSW 20/30 KT
TEMPERATURA [°C]	-11/-09 °C	-10/-08 °C	-07/-05 °C
WIND CHILL [°C]	-22/-19 °C	-20/-17 °C	-17/-14 °C
STATO DEL MARE	MOSSO	POCO MOSSO O MOSSO	POCO MOSSO O MOSSO

WEATHER TENDENCY AT TERRA NOVA BAY

Tuesday 06/02/2018

	MATTINO	POMERIGGIO
CIELO		
FENOMENI	NIL	NIL
VENTO MZS	WSW 15/20 KT	WNW 15/20 KT
VENTO BOULDER	WSW 20/25 KT	WNW 20/25 KT
TEMPERATURA [°C]	-09/-07 °C	-07/-05 °C
WIND CHILL [°C]	-20/-17 °C	-17/-14 °C
STATO DEL MARE	POCO MOSSO O MOSSO	POCO MOSSO O MOSSO



Extreme Values of Yesterday

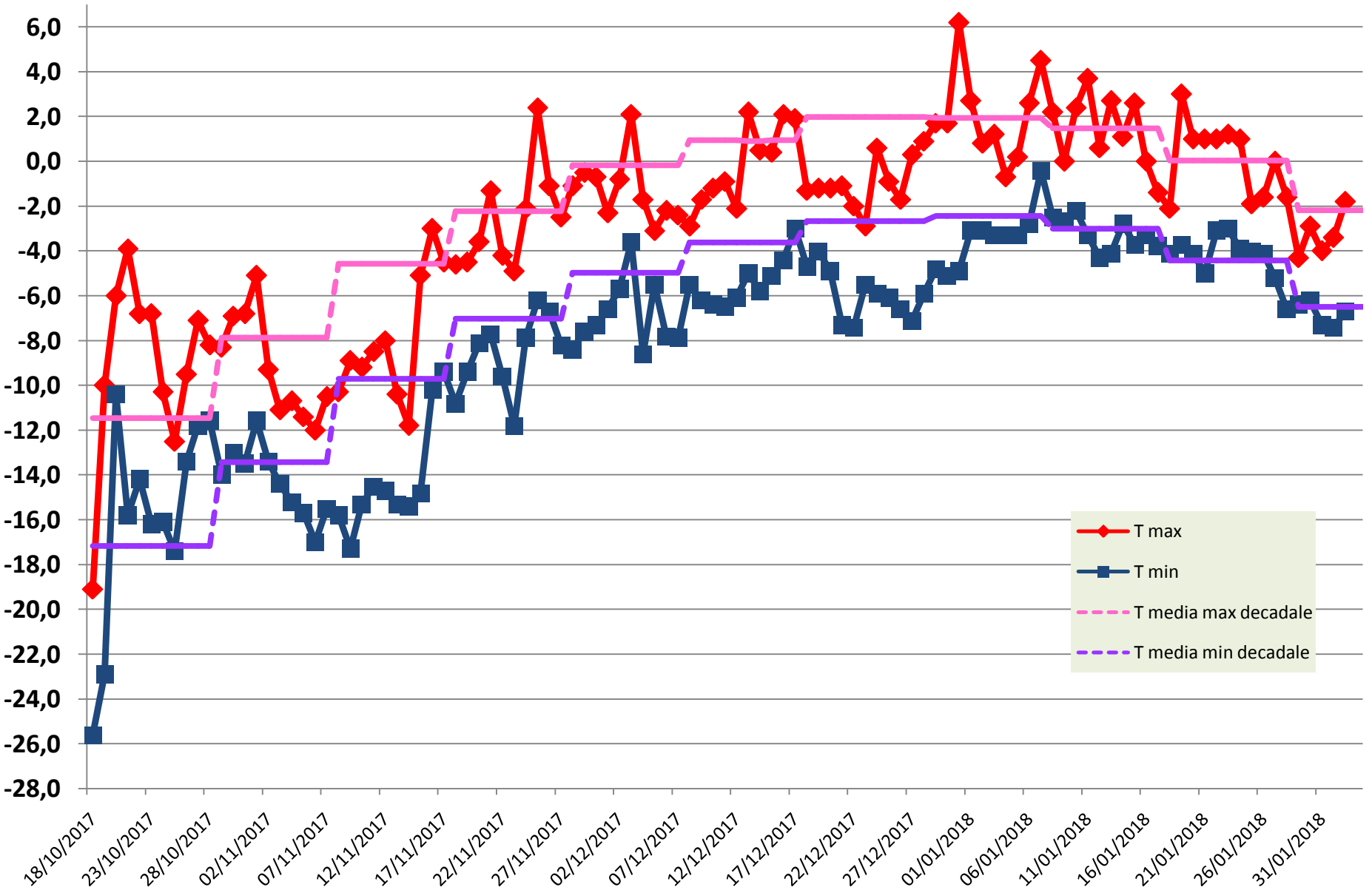


03/02/2018 UTC time (13:00 02/02 - 13:00 03/02)		
MAX temperature	(ore 14:01/L)	-1.8 °C
MIN temperature	(ore 01:35/L)	-6.7 °C
MAX humidity	(ore 18:36/L)	56 %
MIN humidity	(ore 08:27/L)	22 %
MAX wind direction/speed	(ore 00:04/L)	315/20.5 KT

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

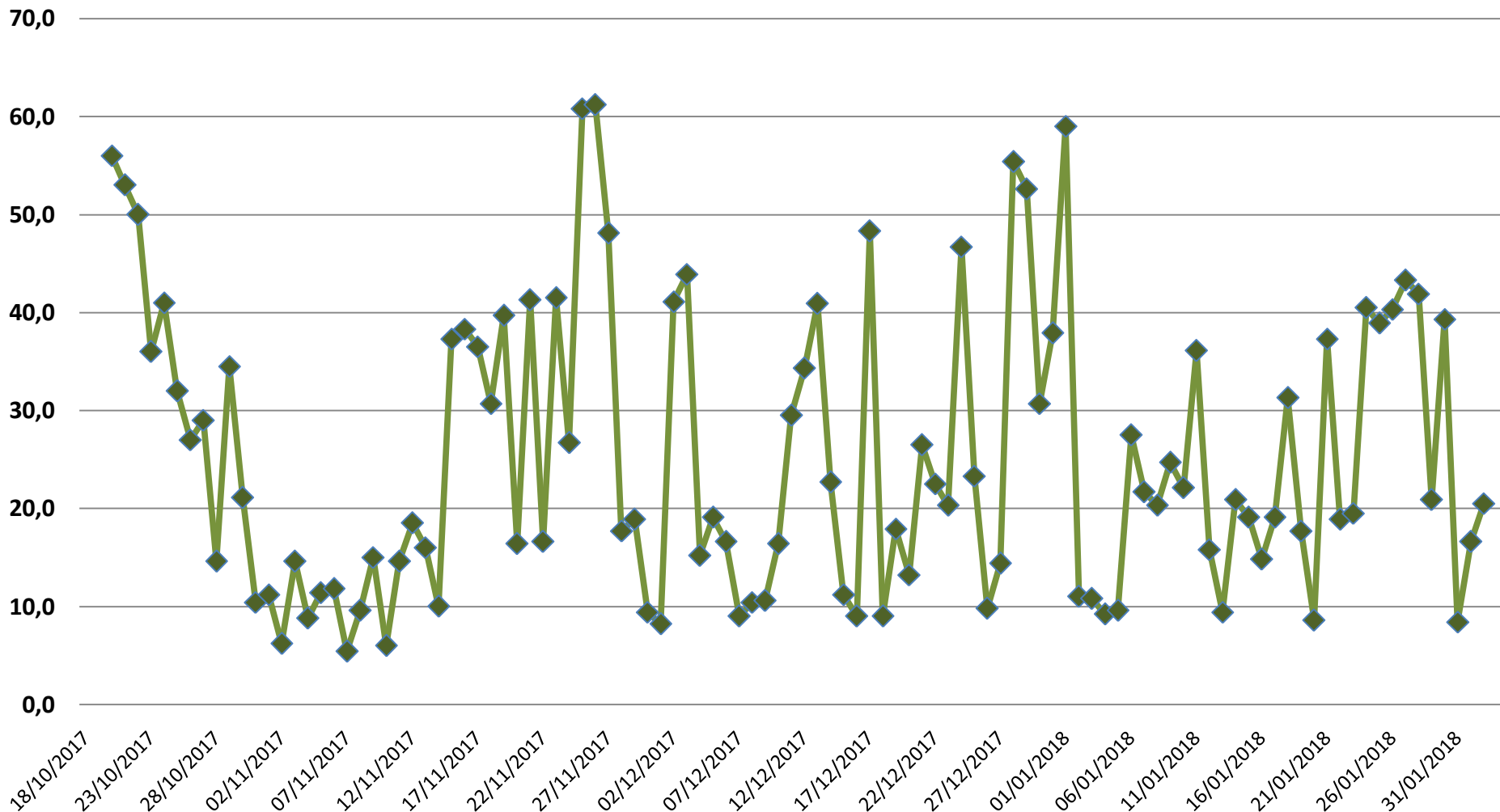
ENEIDE weather station (MZS) - Antarctic Climatology Observatory





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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