



WEATHER

Meteorological observations and forecasts

Saturday 03/02/2018

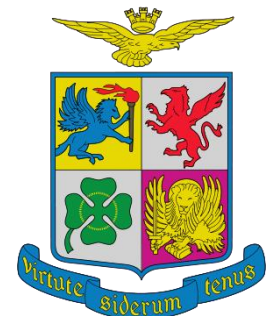
MET Office - "Mario Zucchelli" Base - Terranova Bay

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

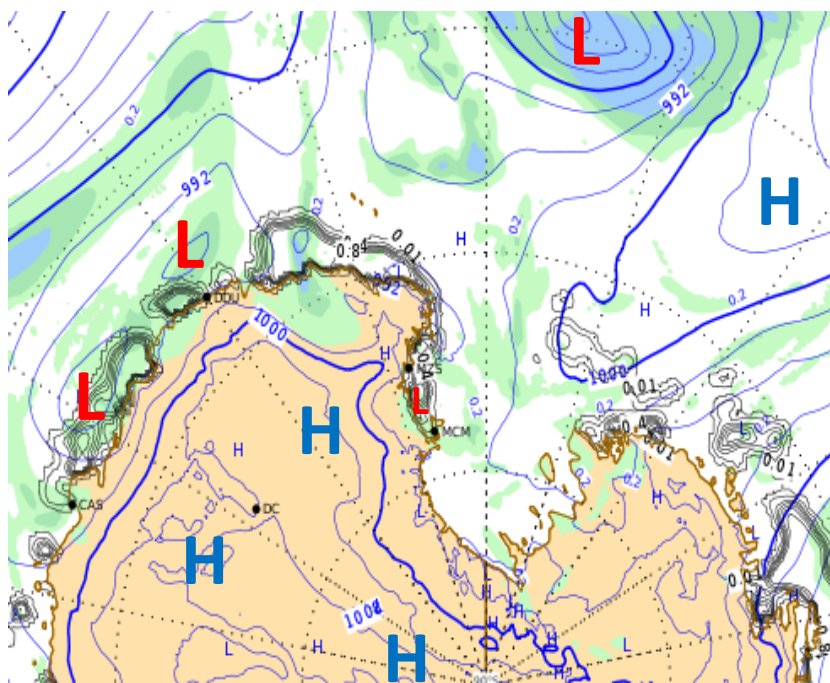
Meteorological observations and forecasts



Saturday 03/02/2018

Sea Level Pressure + Precipitation at 07:00

Latest Report



MARIO ZUCHELLI Station

2018-02-02 17:20:00 UTC (74° 41' 45.3" S, 164° 05' 31.8" E)
<http://www.climanartide.it>

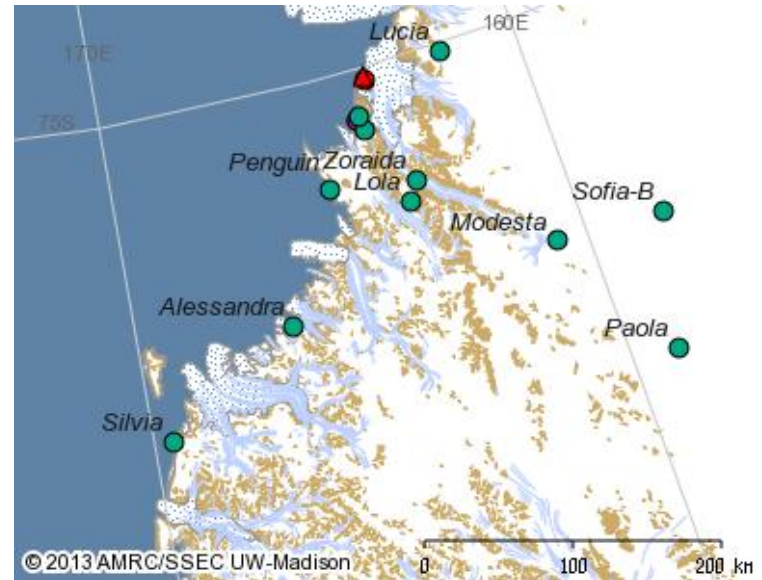
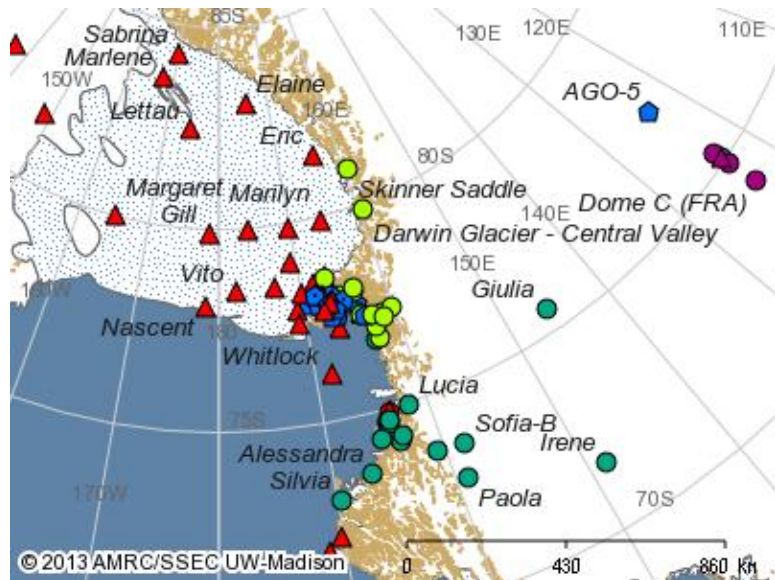
	Pressure (mba)	981.3
	Temperature (C°)	-6.1
	Wind Speed (knt)	7.6
	Relative Humidity (%)	32
	Sun Radiation (W/m ²)	217

VENTO AREA BOULDER: NW 06 KT (06:20 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	2018-02-02 16:00	290	2	6	-9.5	-9.1	-9.8	68	972.5
Arelis	2018-02-02 16:00	170	25	29	-9.4	-9.2	-9.7	11	973.2
Concordia	2018-02-02 16:00	190	6	6	-45.0	-42.6	-45.3	58	645.7
Eneide	2018-02-02 16:00	240	2	8	-6.1	-5.9	-6.4	30	981.2
Giulia	2018-02-02 16:00	200	8	11	-36.0	-35.9	-36.0	66	713.5
Lola	2018-02-02 16:00	170	6	12	-19.8	-19.5	-20.2	39	802.7
Modesta	2018-02-02 16:00	320	15	19	-34.3	-33.1	-34.3	68	765.9
Paola	2018-02-02 15:00	260	4	7	-37.1	-33.6	-37.3	65	//
Rita	2018-02-02 16:00	300	9	14	-9.9	-7.8	-10.2	43	959.7
Silvia	2018-02-02 16:00	260	4	7	-10.3	-10.3	-10.9	88	927.0
Sofiab	2018-02-02 16:00	140	9	13	-19.1	-18.9	-19.4	87	810.0
Zoraida	2018-02-02 16:00	310	27	41	-19.9	-19.4	-20.0	56	888.5

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



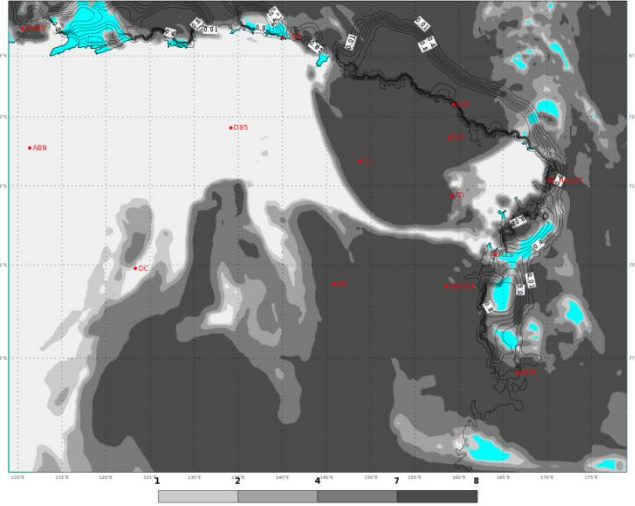
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PREVISIONI - FORECASTS

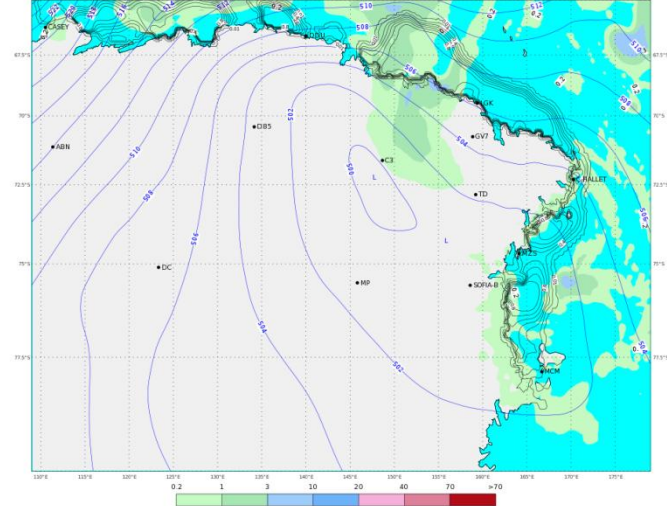
OGGI - ORE 07 LT

TODAY - 07 LT

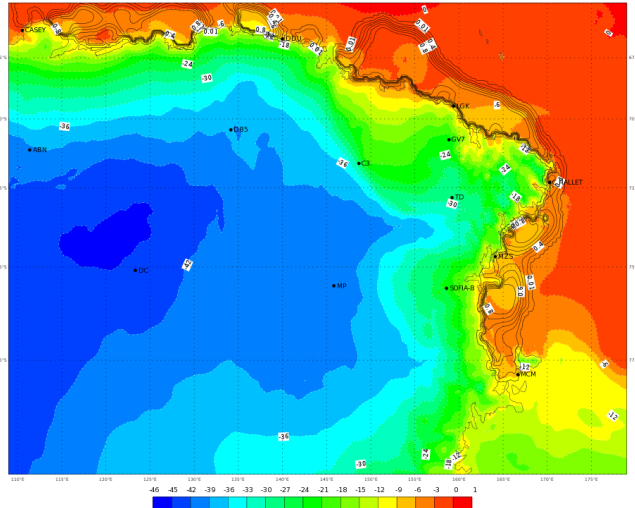
ECMWF 02 Febbraio 2018 00UTC Forecast T+18 VT: Venerdì 02 Febbraio 2018 18UTC
Terra Vittoria - Total cloud cover (oct)



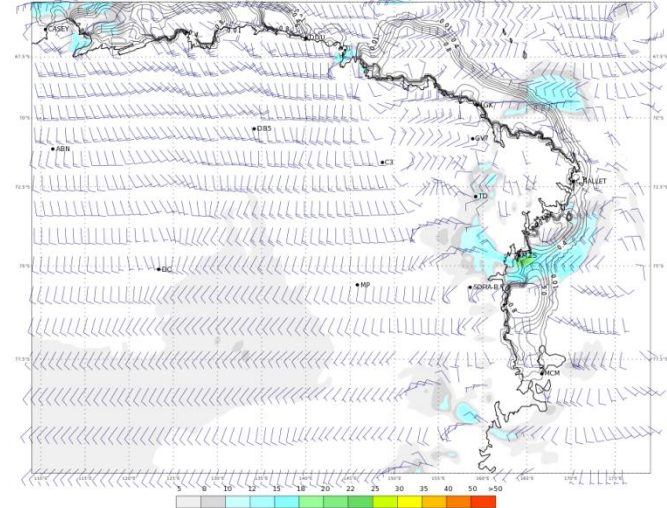
ECMWF 02 Febbraio 2018 00UTC Forecast T+18 VT: Venerdì 02 Febbraio 2018 18UTC
Terra Vittoria - Geopotential at 500 hPa + 6h accumulated precipitation (mm)



ECMWF 02 Febbraio 2018 00UTC Forecast T+18 VT: Venerdì 02 Febbraio 2018 18UTC
Terra Vittoria - temperature at 2 m (°C)



ECMWF 02 Febbraio 2018 00UTC Forecast T+18 VT: Venerdì 02 Febbraio 2018 18UTC
Terra Vittoria - Wind at 10 m (kts)

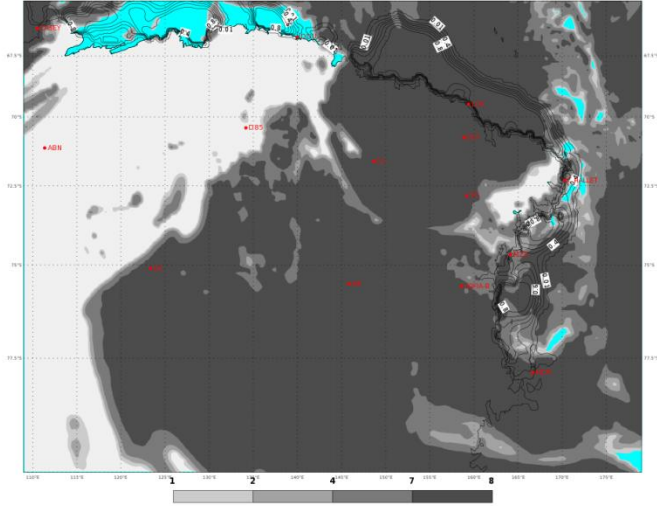


PREVISIONI - FORECASTS

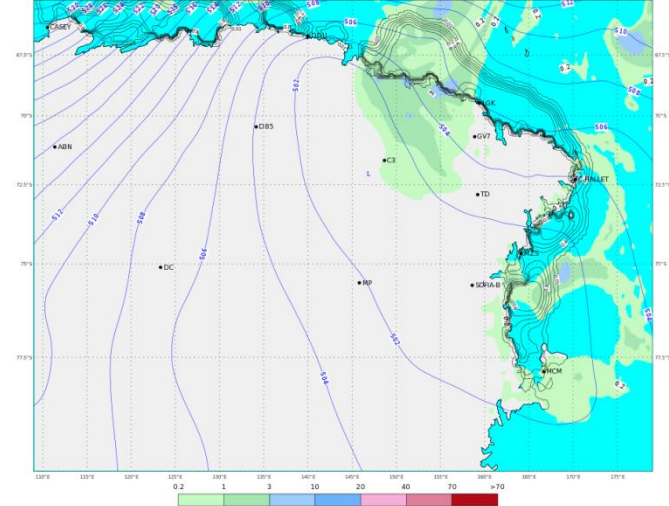
OGGI - ORE 13 LT

TODAY - 13 LT

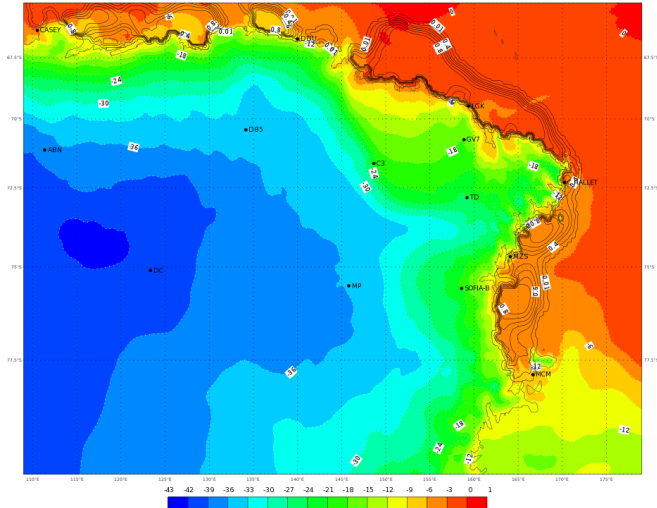
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Terra Vittoria - Total cloud cover (oct)



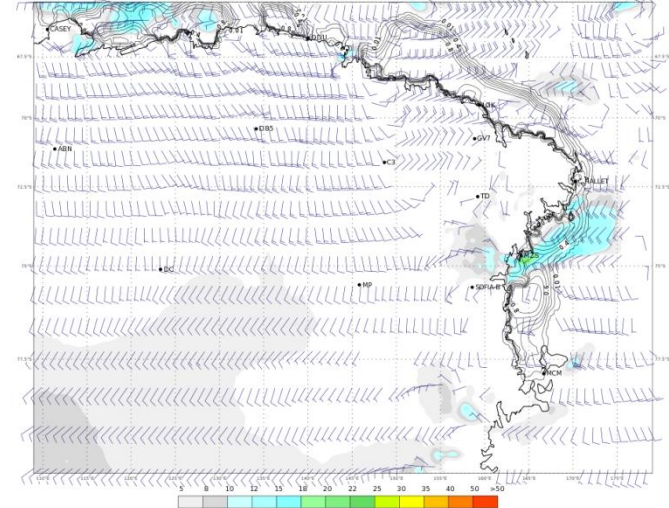
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Terra Vittoria - Geopotential at 500 hPa + 6h accumulated precipitation (mm)



ECMWF 02 Febbraio 2018 00UTC Forecast T+24 VT: Sabato 03 Febbraio 2018 00UTC
Terra Vittoria - Temperature at 2 m (°C)



ECMWF 02 Febbraio 2018 00UTC Forecast T+24 VT: Sabato 03 Febbraio 2018 00UTC
Terra Vittoria - Wind at 10 m (kts)

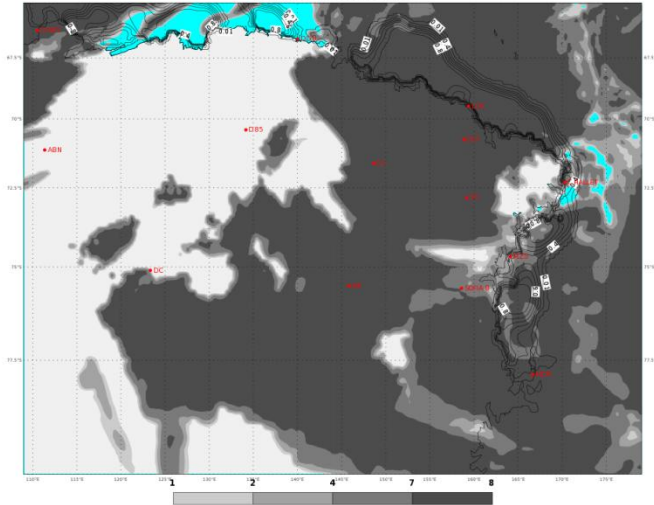


PREVISIONI - FORECASTS

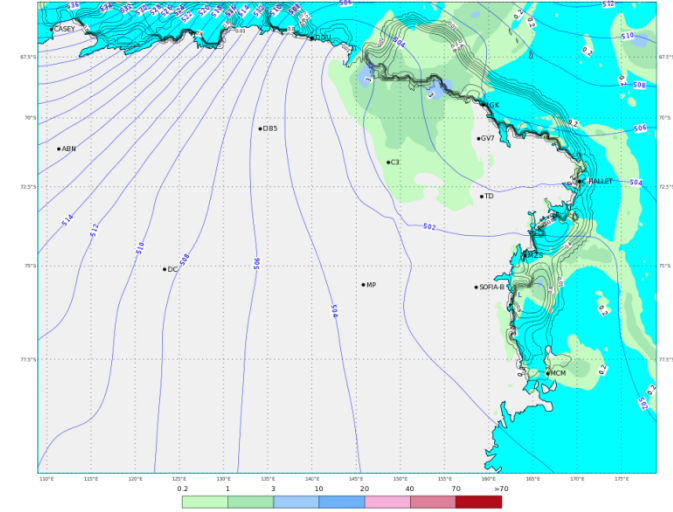
OGGI - ORE 19 LT

TODAY - 19 LT

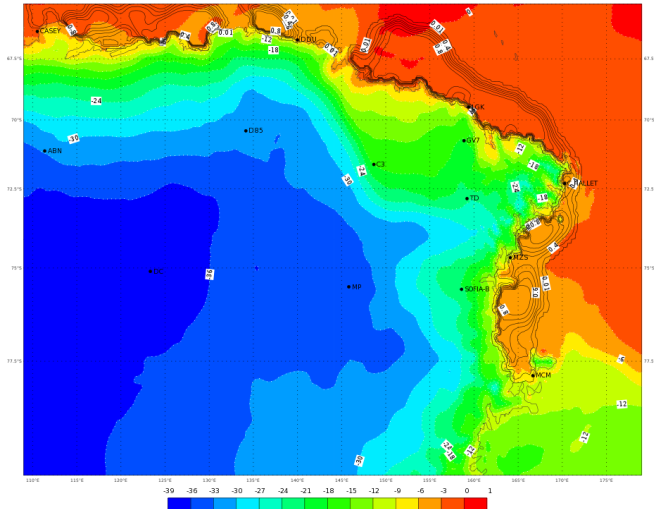
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Terra Vittoria - Total cloud cover (oct)



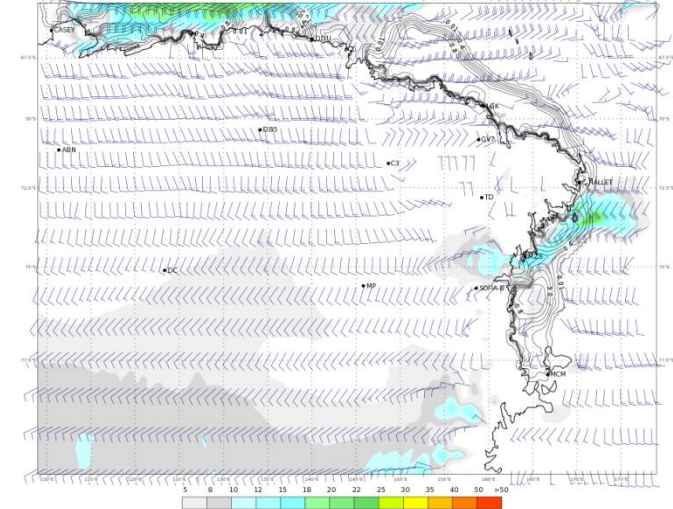
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Terra Vittoria - Geopotential at 500 hPa + 6h accumulated precipitation (mm)



ECMWF 02 Febbraio 2018 00UTC Forecast T+30 VT: Sabato 03 Febbraio 2018 06UTC
Terra Vittoria - Temperature at 2 m (°C)






ECMWF 02 Febbraio 2018 00UTC Forecast T+30 VT: Sabato 03 Febbraio 2018 06UTC
Terra Vittoria - Wind at 10 m (kts)



WEATHER FORECAST FOR TODAY AT TERRA NOVA BAY

Saturday 03/02/2018

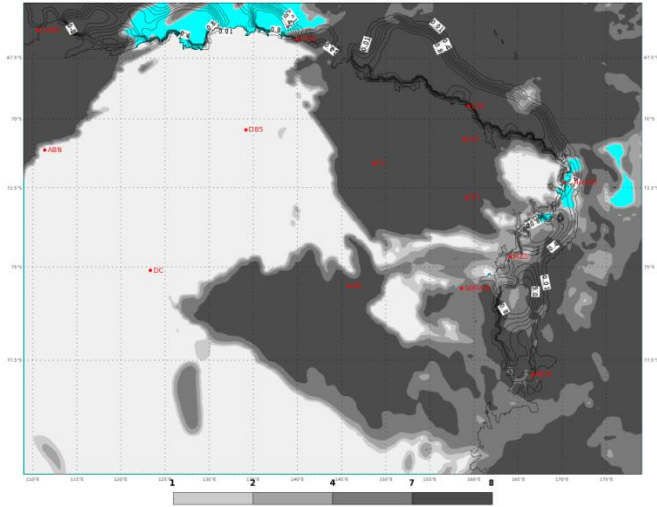
	ORE 07	ORE 13	ORE 19
CIELO			
FENOMENI	NIL	POSSIBILE DEBOLE CATABATICO	POSSIBILE DEBOLE NEVISCHIO IN NOTTATA
VENTO MZS	WSW 10/20 KT	WSW 25/40 KT	WSW 10/20 KT
VENTO BOULDER	WSW 15/25 KT	WSW 35/45 KT	WSW 15/25 KT
TEMPERATURA [°C]	-10/-08 °C	-08/-06 °C	-07/-05 °C
WIND CHILL [°C]	-20/-18 °C	-21/-18 °C	-16/-14 °C
STATO DEL MARE	MOSSO	MOSSO	MOSSO

PREVISIONI - FORECASTS

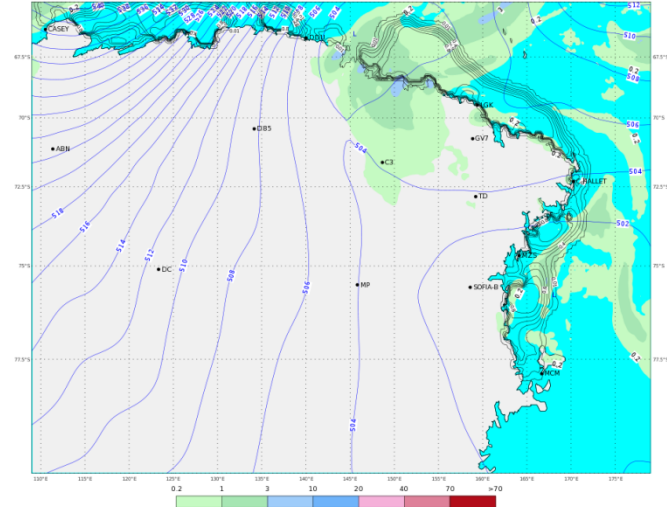
DOMANI - ORE 01 LT

TOMORROW - 01 LT

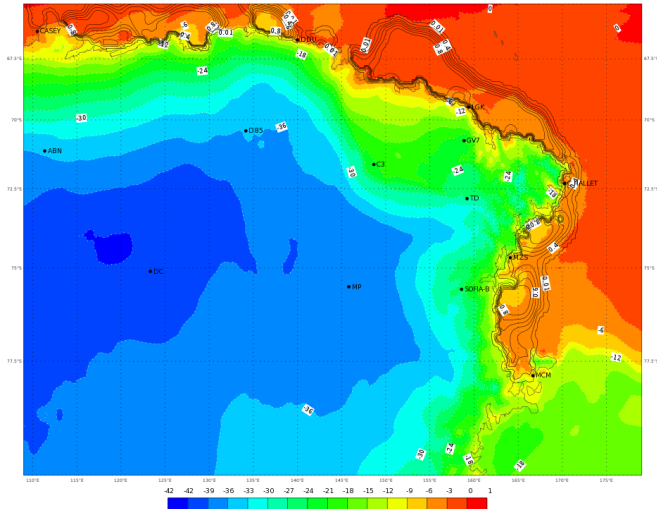
ECMWF 02 Febbraio 2018 00UTC Forecast T+36 VT: Sabato 03 Febbraio 2018 12UTC
Terra Vittoria - Total cloud cover (oct)



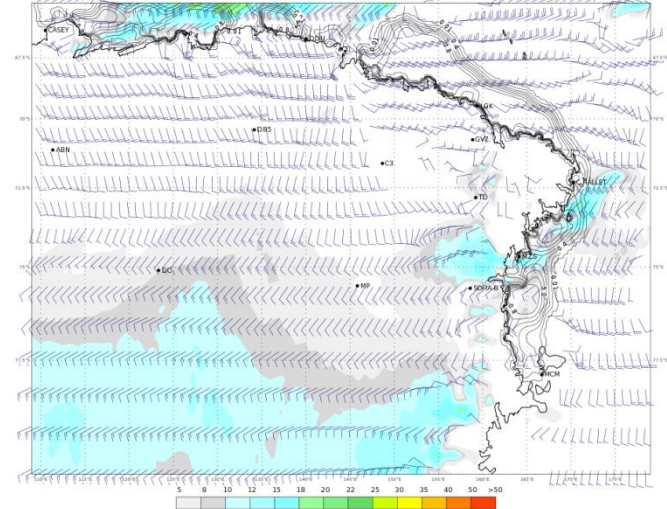
ECMWF 02 Febbraio 2018 00UTC Forecast T+36 VT: Sabato 03 Febbraio 2018 12UTC
Terra Vittoria - Geopotential at 500 hPa + 6h accumulated precipitation (mm)



ECMWF 02 Febbraio 2018 00UTC Forecast T+36 VT: Sabato 03 Febbraio 2018 12UTC
Terra Vittoria - temperature at 2 m (°C)



ECMWF 02 Febbraio 2018 00UTC Forecast T+36 VT: Sabato 03 Febbraio 2018 12UTC
Terra Vittoria - Wind at 10 m (kts)

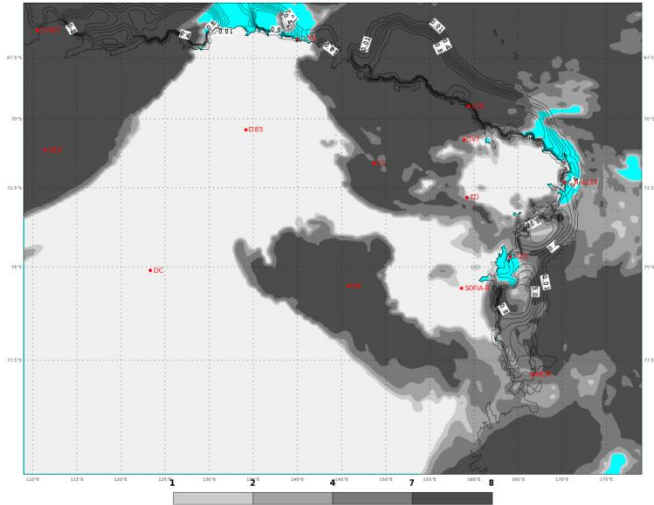


PREVISIONI - FORECASTS

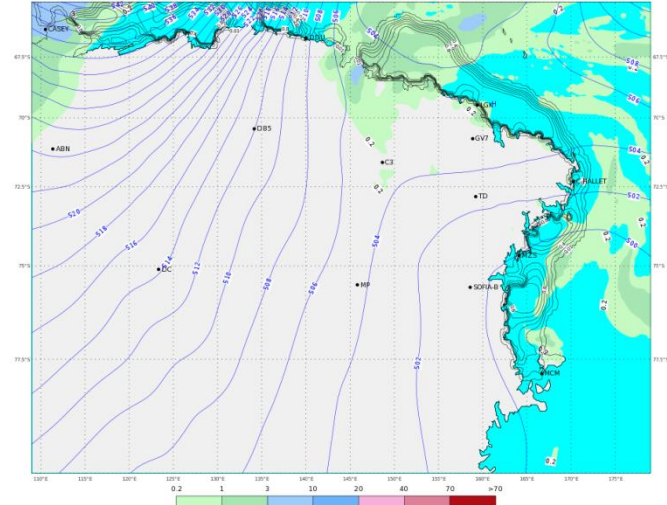
DOMANI - ORE 07 LT

TOMORROW - 07 LT

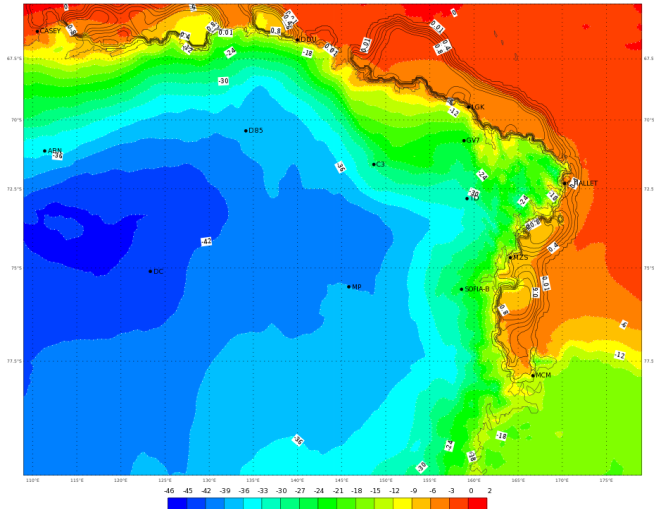
ECMWF 02 Febbraio 2018 00UTC Forecast T+42 VT: Sabato 03 Febbraio 2018 18UTC
Terra Vittoria - Total cloud cover (oct)



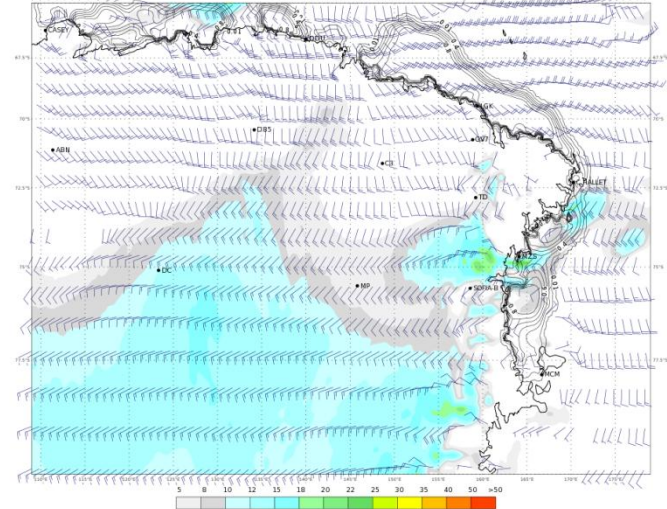
ECMWF 02 Febbraio 2018 00UTC Forecast T+42 VT: Sabato 03 Febbraio 2018 18UTC
Terra Vittoria - Geopotential at 500 hPa + 6h accumulated precipitation (mm)



ECMWF 02 Febbraio 2018 00UTC Forecast T+42 VT: Sabato 03 Febbraio 2018 18UTC
Terra Vittoria - Temperature at 2 m (°C)



ECMWF 02 Febbraio 2018 00UTC Forecast T+42 VT: Sabato 03 Febbraio 2018 18UTC
Terra Vittoria - Wind at 10 m (kts)

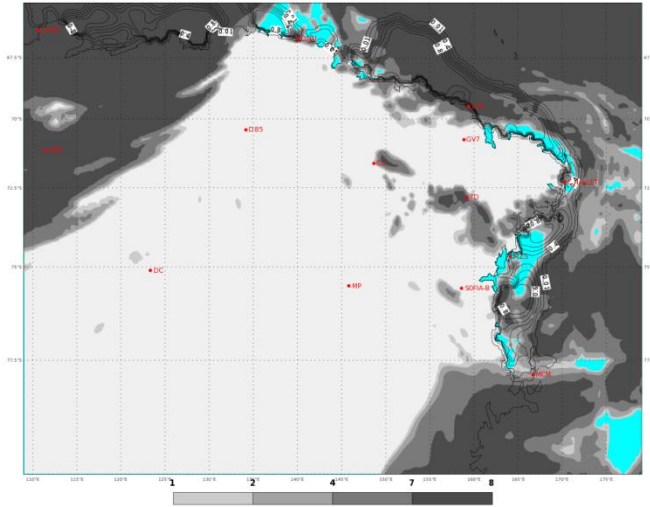


PREVISIONI - FORECASTS

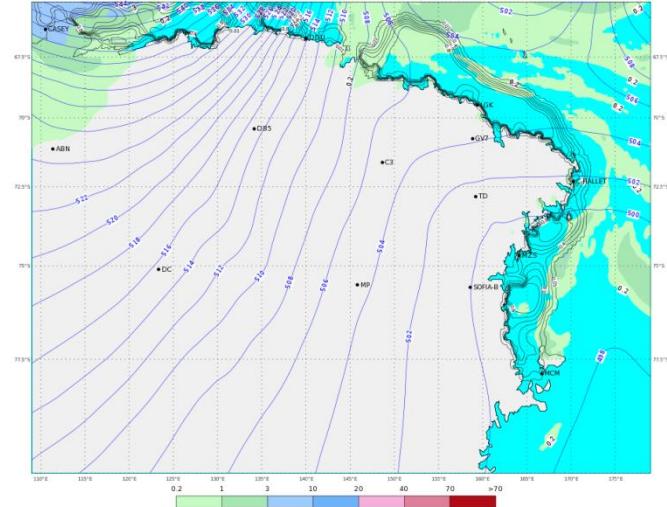
DOMANI - ORE 13 LT

TOMORROW - 13 LT

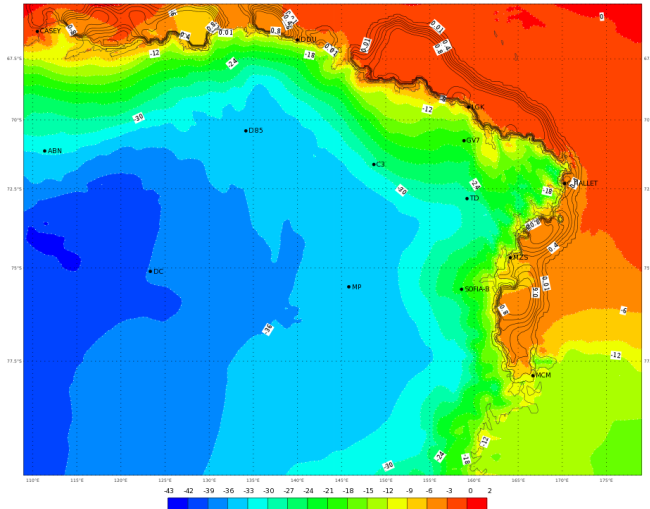
ECMWF 02 Febbraio 2018 00UTC Forecast T+48 VT: Domenica 04 Febbraio 2018 00UTC
Terra Vittoria - Total cloud cover (oct)



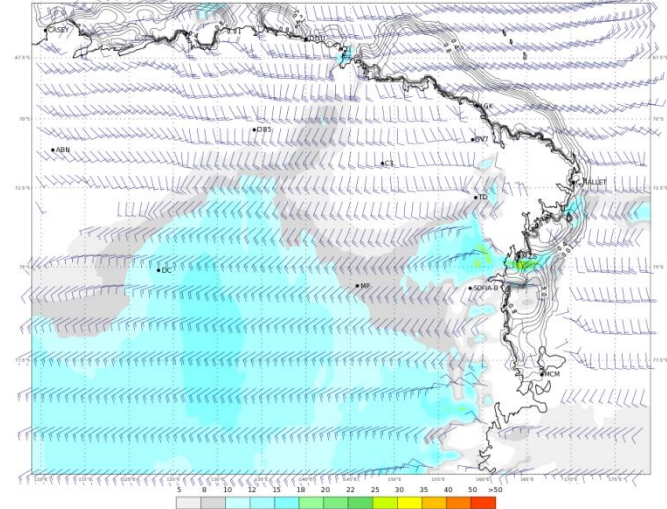
ECMWF 02 Febbraio 2018 00UTC Forecast T+48 VT: Domenica 04 Febbraio 2018 00UTC
Terra Vittoria - Geopotential at 500 hPa + 6h accumulated precipitation (mm)



ECMWF 02 Febbraio 2018 00UTC Forecast T+48 VT: Domenica 04 Febbraio 2018 00UTC
Terra Vittoria - Temperature at 2 m (°C)



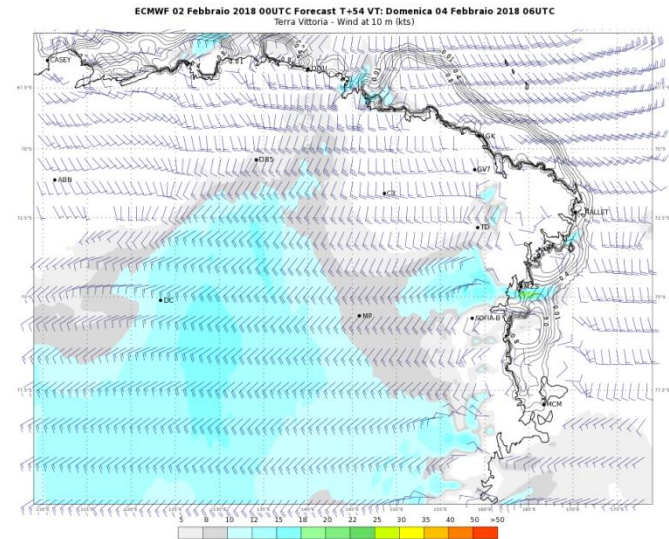
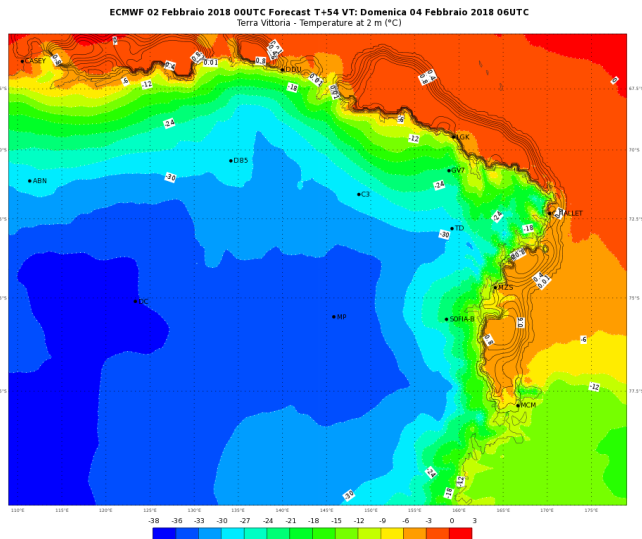
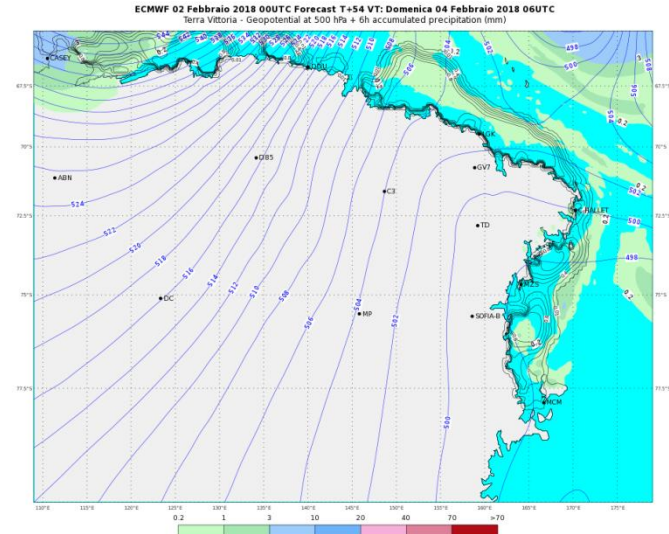
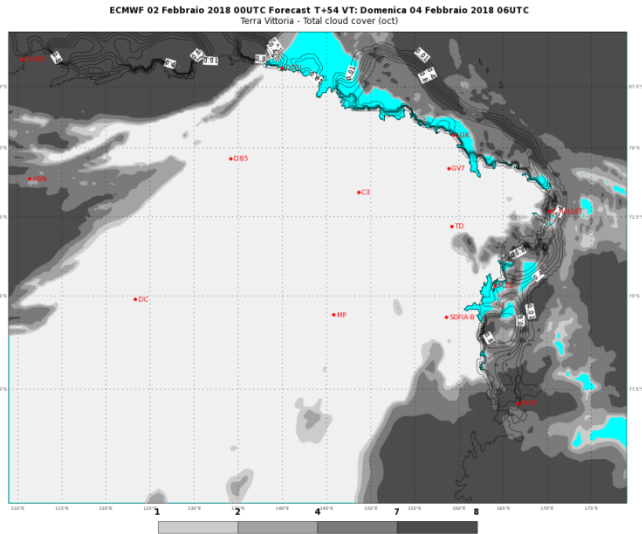
ECMWF 02 Febbraio 2018 00UTC Forecast T+48 VT: Domenica 04 Febbraio 2018 00UTC
Terra Vittoria - Wind at 10 m (kts)



PREVISIONI - FORECASTS




DOMANI - ORE 19 LT

TOMORROW - 19 LT





WEATHER FORECAST FOR TOMORROW AT TERRA NOVA BAY

Sunday 04/02/2018

	ORE 07	ORE 13	ORE 19
CIELO			
FENOMENI	NIL	NIL	NIL
VENTO MZS	WSW 20/35 KT	WSW 15/25 KT	WSW 10/20 KT
VENTO BOULDER	WSW 30/40 KT	WSW 20/30 KT	WSW 15/25 KT
TEMPERATURA [°C]	-10/-08 °C	-08/-06 °C	-07/-05 °C
WIND CHILL [°C]	-23/-20 °C	-19/-16 °C	-17/-14 °C
STATO DEL MARE	POCO MOSSO O MOSSO	POCO MOSSO O MOSSO	POCO MOSSO O MOSSO

WEATHER TENDENCY AT TERRA NOVA BAY

Monday 05/02/2018

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

http://mzs-pdc.mzs.pnra.it/meteo/bollettino_meteo.pdf

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Extreme Values of Yesterday



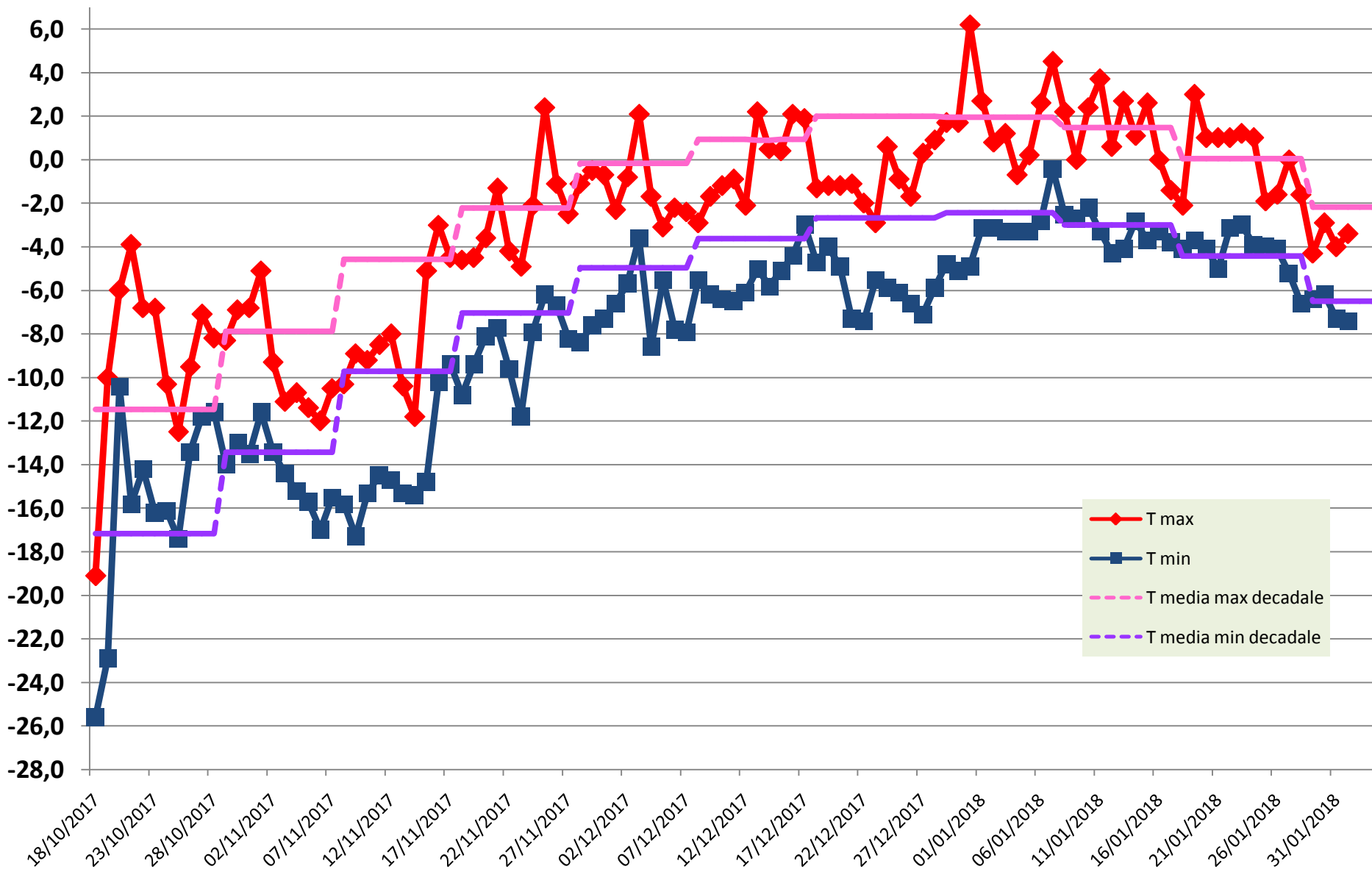
02/02/2018 UTC time (13:00 01/02 - 13:00 02/02)		
MAX temperature	(ore 12:12/L)	-3.4 °C
MIN temperature	(ore 00:00/L)	-7.4 °C
MAX humidity	(ore 00:00/L)	88 %
MIN humidity	(ore 23:05/L)	29 %
MAX wind direction/speed	(ore 23:19/L)	287/16.6 KT

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

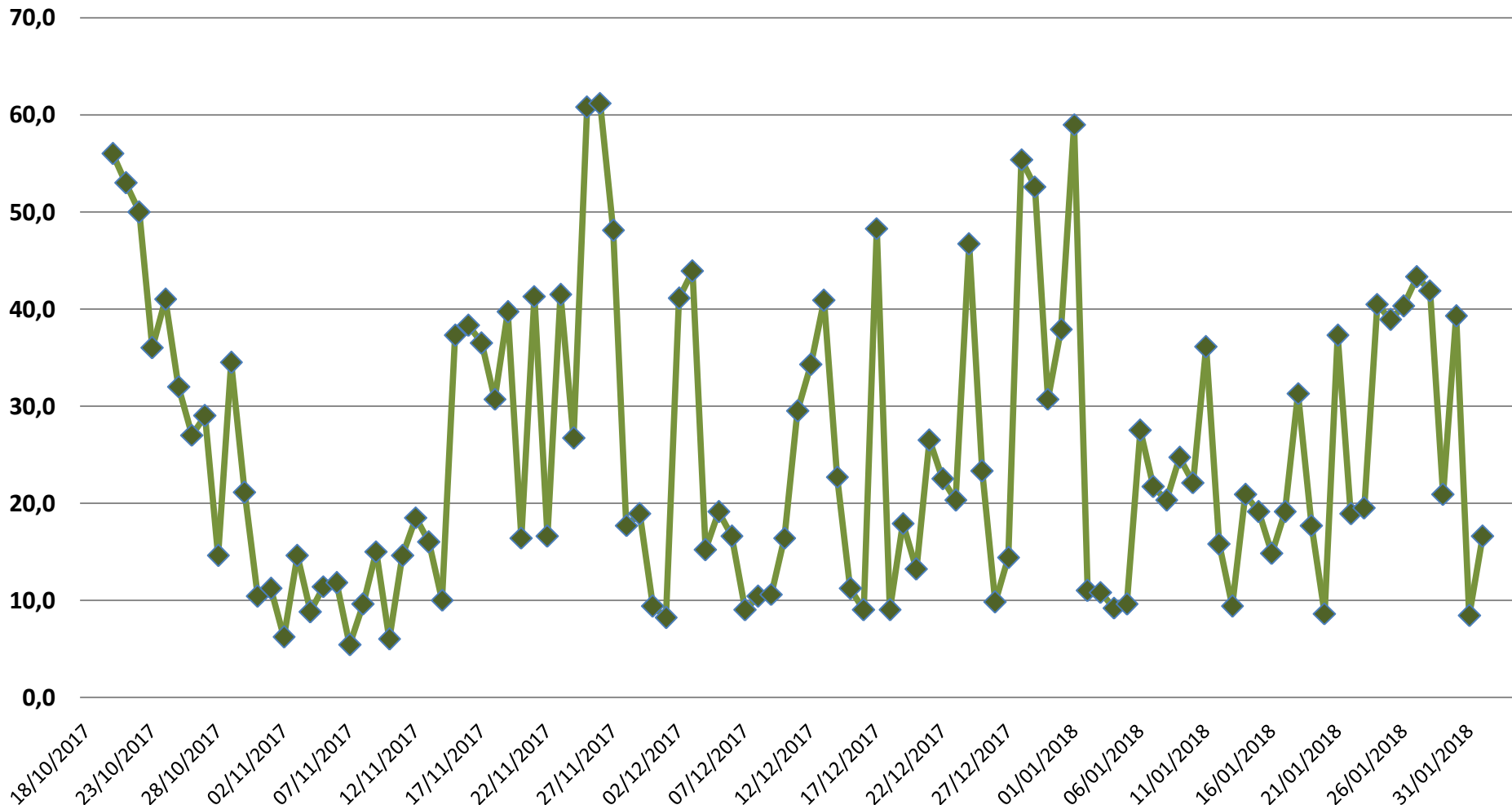
ENEIDE weather station (MZS) - Antarctic Climatology Observatory





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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