



WEATHER

Meteorological observations and forecasts

Wednesday 24/01/2018

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

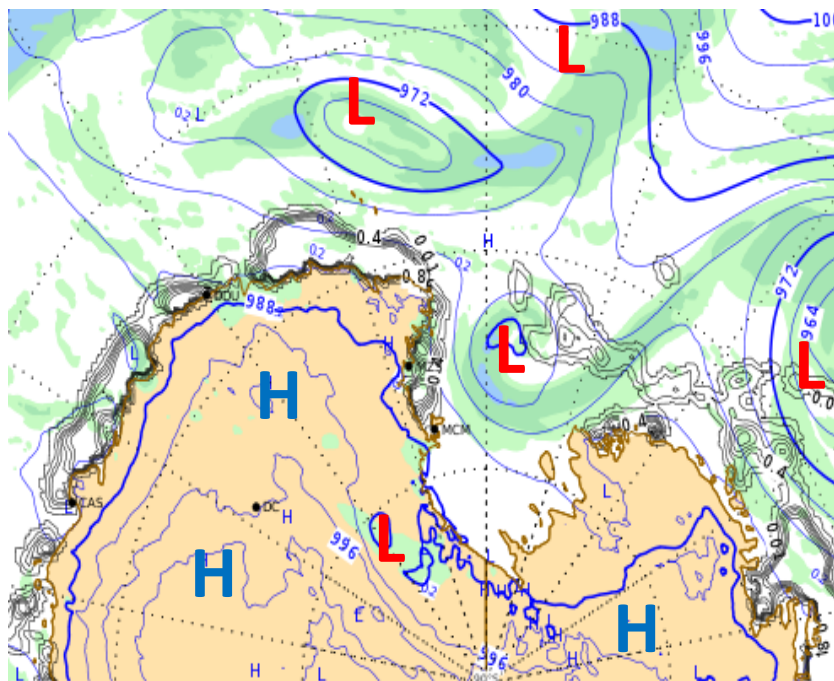
Meteorological observations and forecasts



Wednesday 24/01/2018

Sea Level Pressure + Precipitation at 07:00

Latest Report



MARIO ZUCHELLI Station
 2018-01-23 17:14:00 UTC (74° 41' 45.3" S, 164° 05' 31.8" E)
<http://www.climantartide.it>

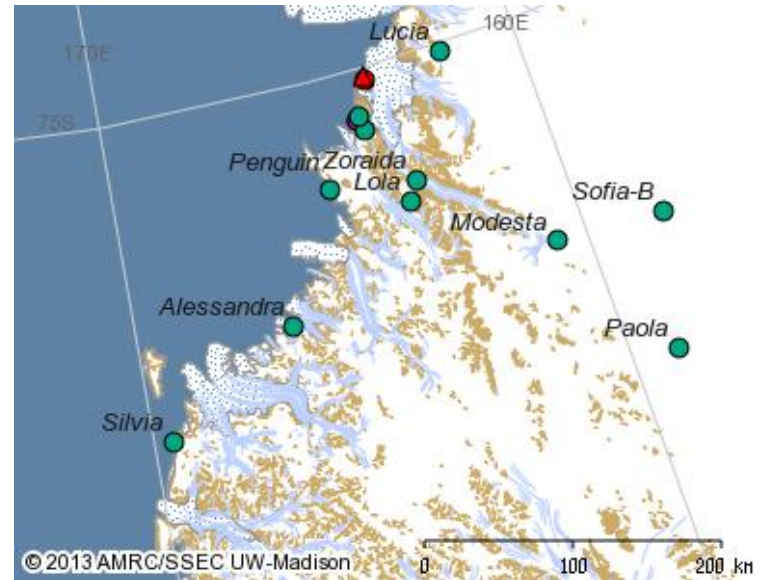
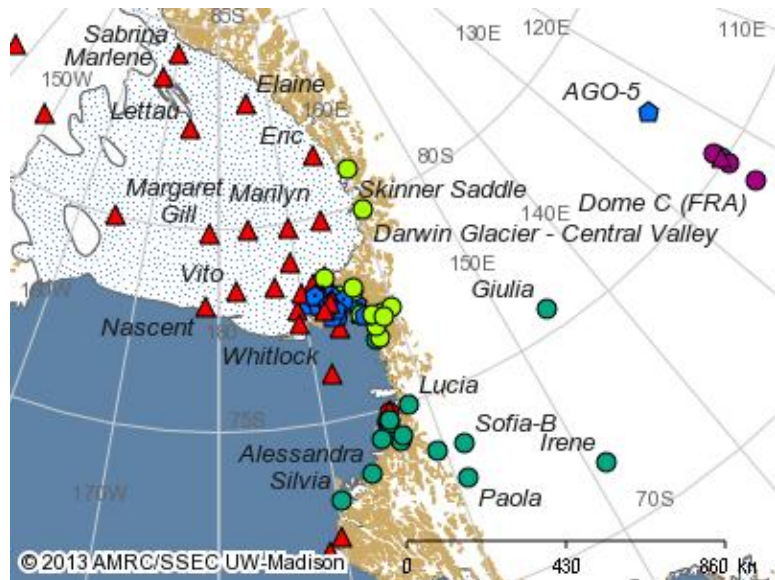
	Pressure (mba)	974.2
	Temperature (C°)	-3.1
	Wind Speed (knt)	26.1
	Relative Humidity (%)	56
	Sun Radiation (W/m²)	71

VENTO AREA BOULDER: W 32 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	2018-01-23 16:00	240	10	13	-3.4	-3.2	-3.8	78	966.3
Arelis	2018-01-23 16:00	170	7	9	-3.8	-3.6	-3.8	11	967.5
Concordia	2018-01-23 16:00	170	5	6	-36.7	-33.4	-36.9	67	645.2
Eneide	2018-01-23 16:00	230	13	15	-2.9	-2.4	-3.0	69	975.3
Giulia	2018-01-23 16:00	240	4	5	-27.6	-27.6	-28.9	76	713.8
Lola	2018-01-23 16:00	50	2	6	-14.6	-14.5	-15.2	31	800.0
Modesta	2018-01-23 16:00	290	12	16	-23.7	-23.2	-23.7	79	763.9
Paola	2018-01-07 14:00	80	6	7	-21.6	-21.3	-22.2	82	//
Rita	2018-01-23 16:00	260	25	28	-5.7	-4.8	-5.8	60	953.1
Silvia	2018-01-23 16:00	250	34	38	-6.6	-6.5	-7.0	90	918.2
Sofiab	2018-01-23 16:00	150	13	15	-15.8	-14.7	-15.8	76	808.0
Zoraida	2018-01-23 16:00	310	28	31	-10.9	-10.6	-11.1	63	883.0

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



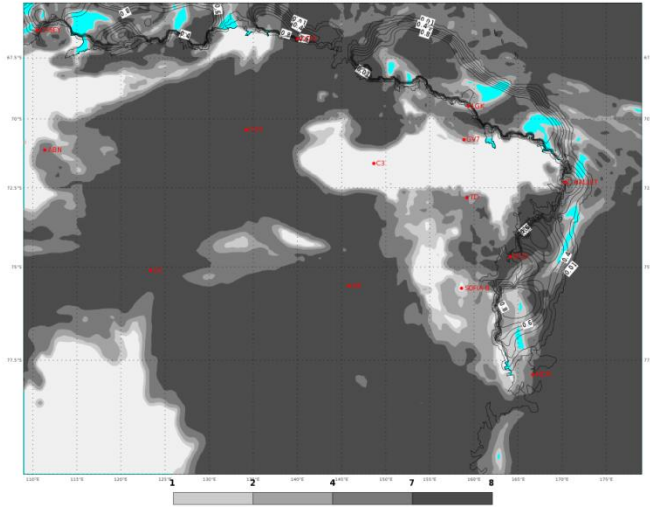
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PREVISIONI - FORECASTS

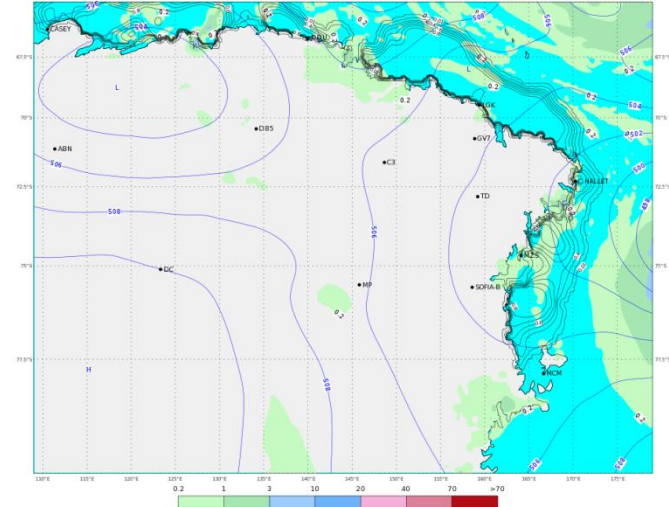
OGGI - ORE 07 LT

TODAY - 07 LT

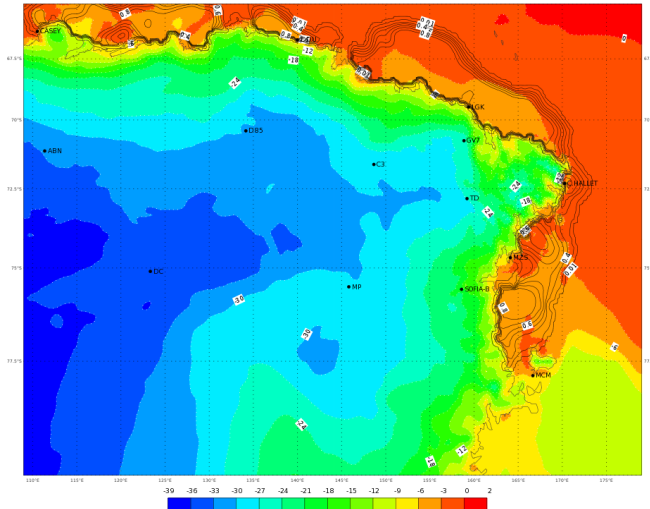
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Terra Vittoria - Total cloud cover (oct)



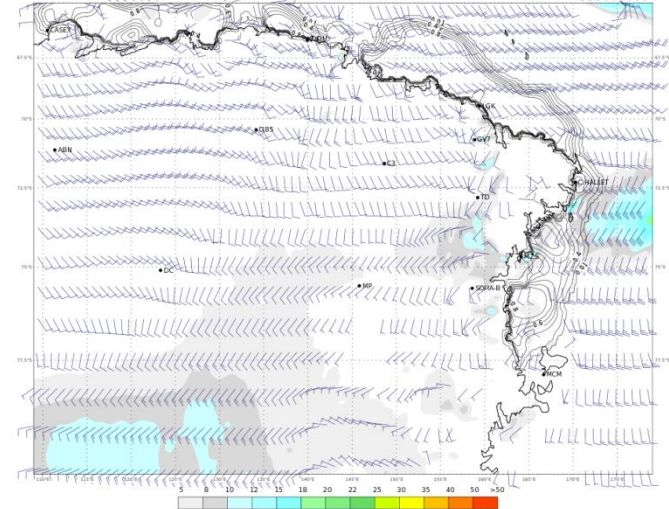
ECMWF 23 Gennaio 2018 00UTC Forecast T+18 VT: Martedì 23 Gennaio 2018 18UTC
Terra Vittoria - Geopotential at 500 hPa + 6h accumulated precipitation (mm)



ECMWF 23 Gennaio 2018 00UTC Forecast T+18 VT: Martedì 23 Gennaio 2018 18UTC
Terra Vittoria - Temperature at 2 m (°C)



ECMWF 23 Gennaio 2018 00UTC Forecast T+18 VT: Martedì 23 Gennaio 2018 18UTC
Terra Vittoria - Wind at 10 m (kts)

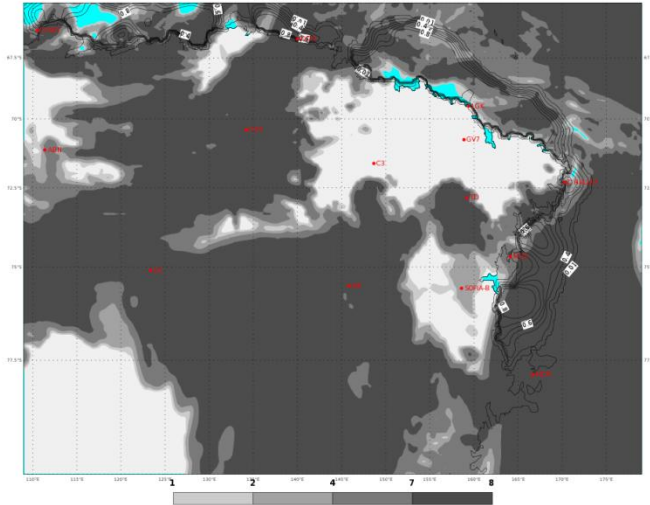


PREVISIONI - FORECASTS

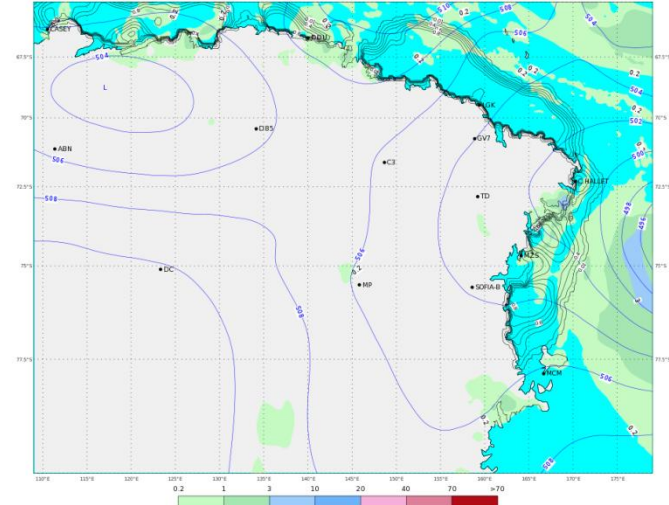
OGGI - ORE 13 LT

TODAY - 13 LT

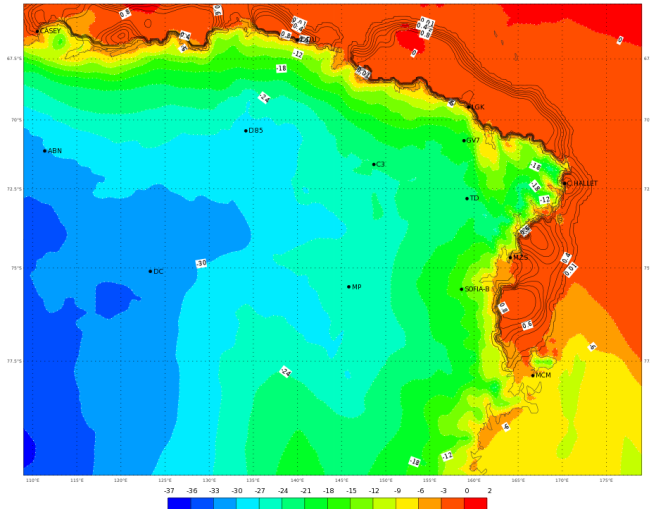
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Terra Vittoria - Total cloud cover (oct)



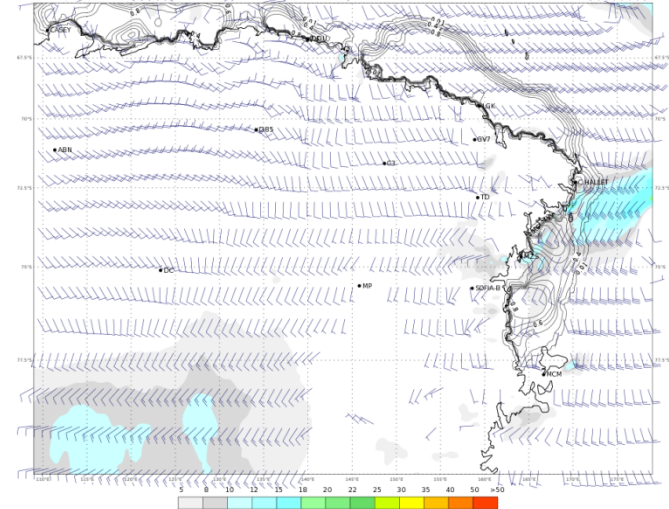
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Terra Vittoria - Geopotential at 500 hPa + 6h accumulated precipitation (mm)



ECMWF 23 Gennaio 2018 00UTC Forecast T+24 VT: Mercoledì 24 Gennaio 2018 00UTC
Terra Vittoria - Temperature at 2 m (°C)



ECMWF 23 Gennaio 2018 00UTC Forecast T+24 VT: Mercoledì 24 Gennaio 2018 00UTC
Terra Vittoria - Wind at 10 m (kts)

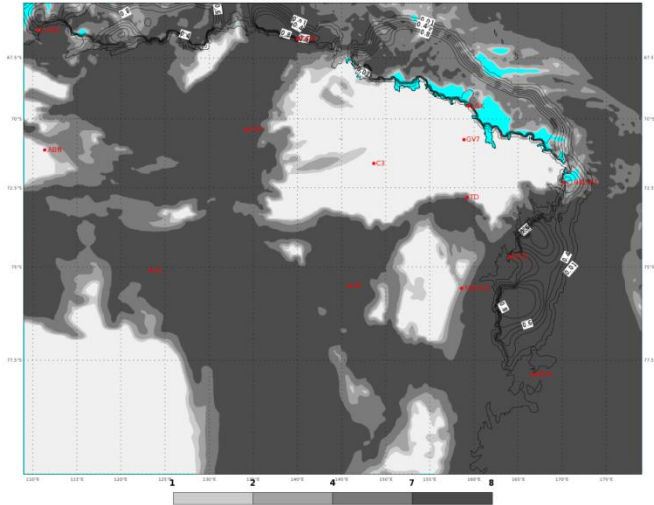


PREVISIONI - FORECASTS

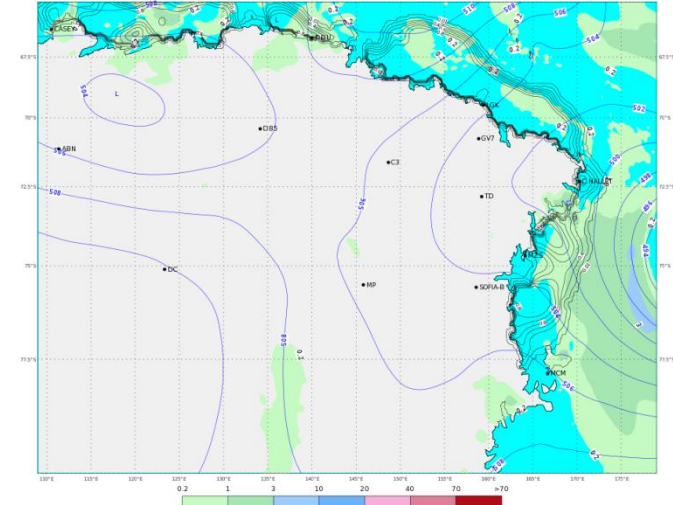
OGGI - ORE 19 LT

TODAY - 19 LT

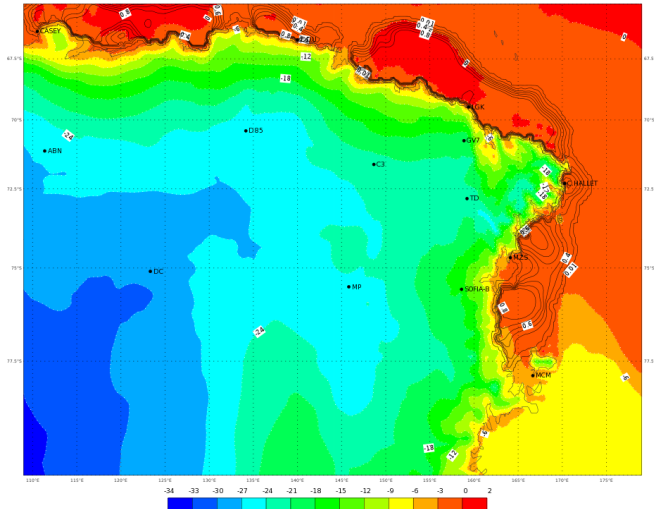
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Terra Vittoria - Total cloud cover (oct)



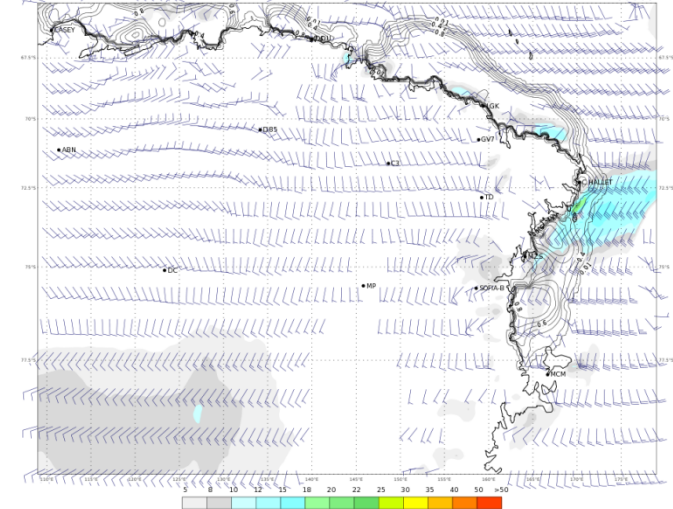
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Terra Vittoria - Geopotential at 500 hPa + 6h accumulated precipitation (mm)



ECMWF 23 Gennaio 2018 00UTC Forecast T+30 VT: Mercoledì 24 Gennaio 2018 06UTC
Terra Vittoria - Temperature at 2 m (°C)






ECMWF 23 Gennaio 2018 00UTC Forecast T+30 VT: Mercoledì 24 Gennaio 2018 06UTC
Terra Vittoria - Wind at 10 m (kts)



WEATHER FORECAST FOR TODAY AT TERRA NOVA BAY

Wednesday 24/01/2018

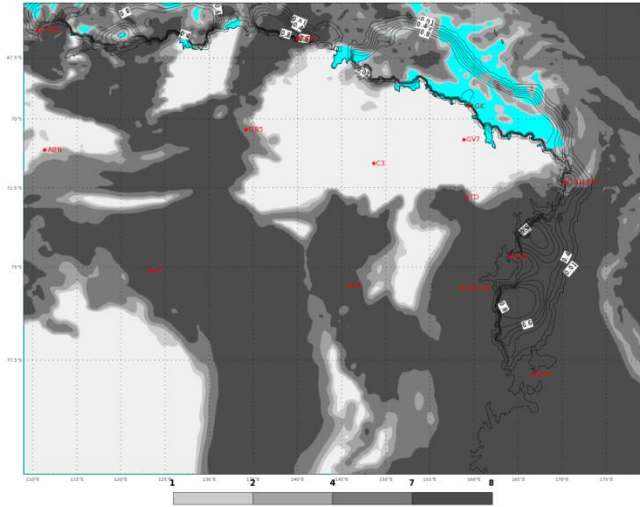
	ORE 07	ORE 13	ORE 19
CIELO			
FENOMENI	NIL	NIL	NIL
VENTO MZS	WSW 15/25 KT	WSW 15/25 KT	WSW 10/15 KT
VENTO BOULDER	WSW 25/35 KT	WSW 25/35 KT	WSW 15/20 KT
TEMPERATURA [°C]	-05/-03 °C	-04/-02 °C	-03/-01 °C
WIND CHILL [°C]	-15/-12 °C	-13/-10 °C	-11/-08 °C
STATO DEL MARE	POCO MOSSO O MOSSO	POCO MOSSO O MOSSO	MOSSO

PREVISIONI - FORECASTS

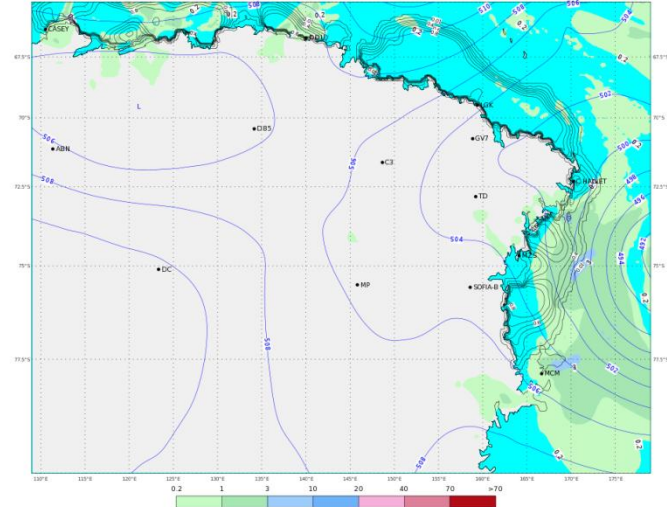
DOMANI - ORE 01 LT

TOMORROW - 01 LT

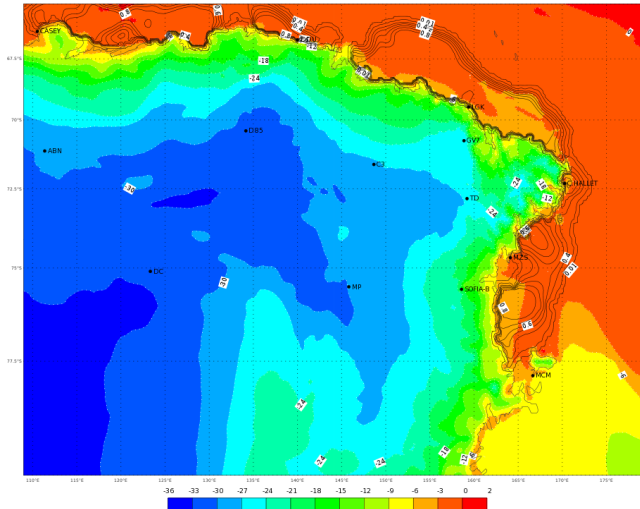
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Terra Vittoria - Total cloud cover (oct)



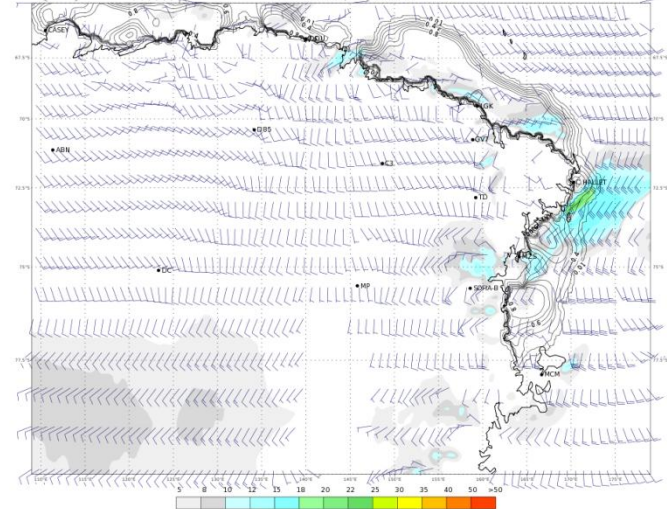
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Terra Vittoria - Geopotential at 500 hPa + 6h accumulated precipitation (mm)



ECMWF 23 Gennaio 2018 00UTC Forecast T+36 VT: Mercoledì 24 Gennaio 2018 12UTC
Terra Vittoria - temperature at 2 m (°C)



ECMWF 23 Gennaio 2018 00UTC Forecast T+36 VT: Mercoledì 24 Gennaio 2018 12UTC
Terra Vittoria - Wind at 10 m (kts)

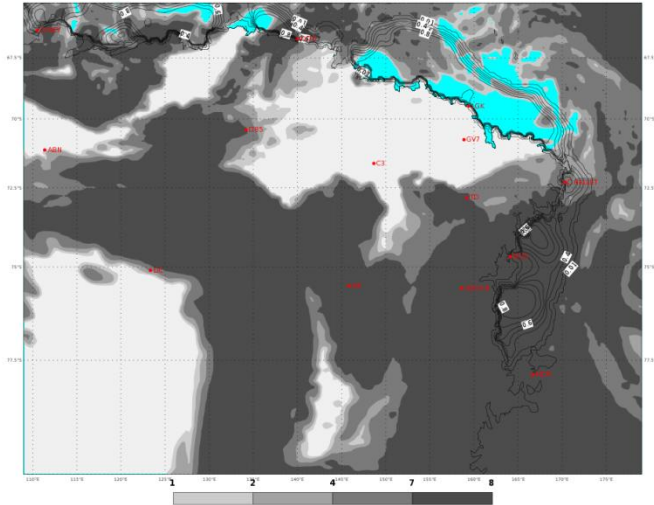


PREVISIONI - FORECASTS

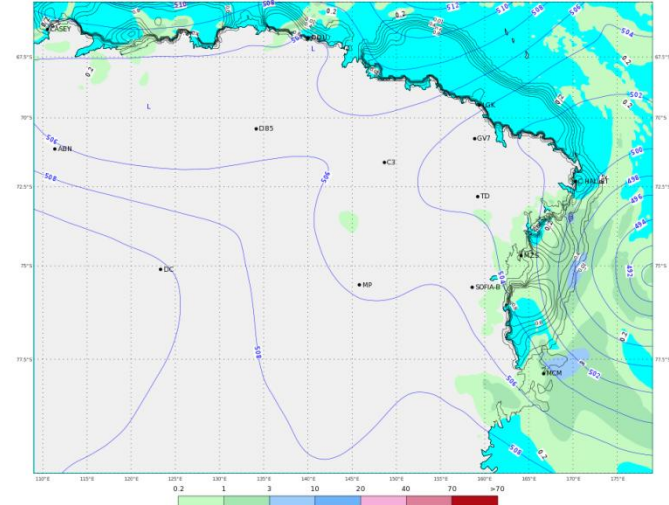
DOMANI - ORE 07 LT

TOMORROW - 07 LT

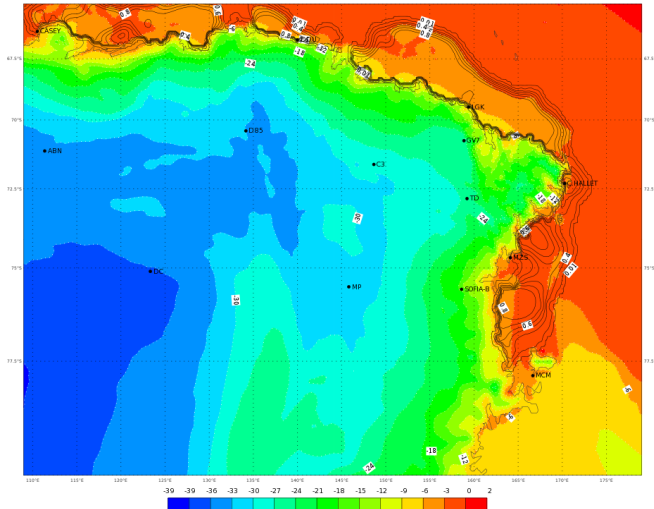
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Terra Vittoria - Total cloud cover (oct)



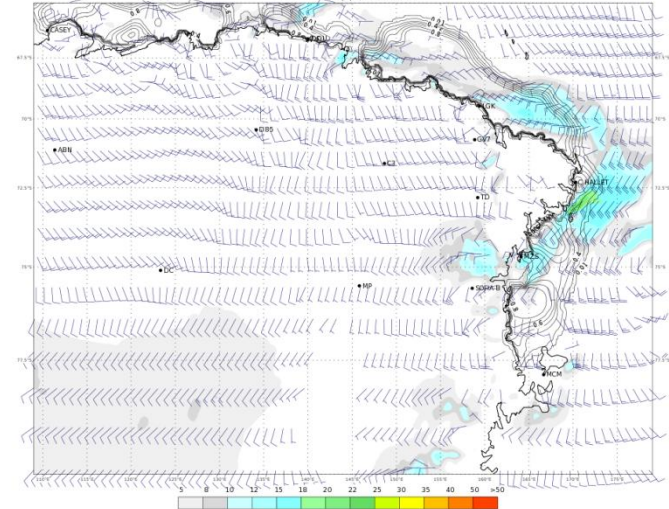
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ECMWF 23 Gennaio 2018 00UTC Forecast T+42 VT: Mercoledì 24 Gennaio 2018 18UTC
Terra Vittoria - Wind at 10 m (kts)

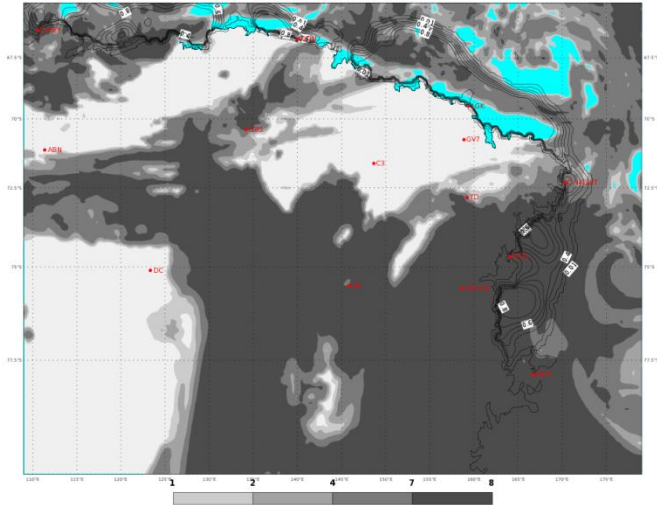


PREVISIONI - FORECASTS

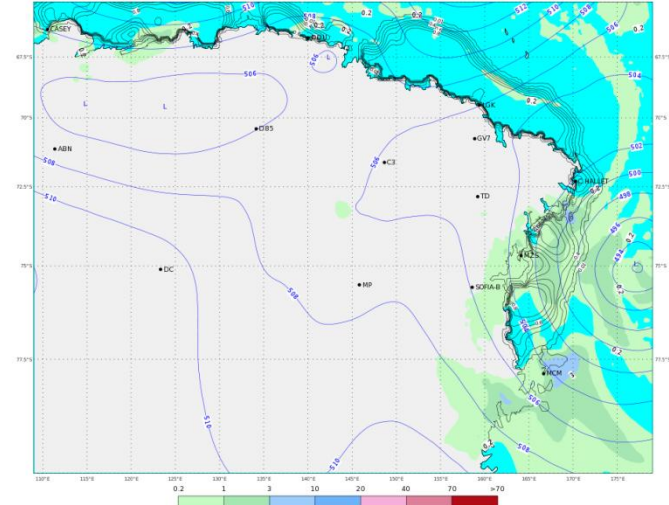
DOMANI - ORE 13 LT

TOMORROW - 13 LT

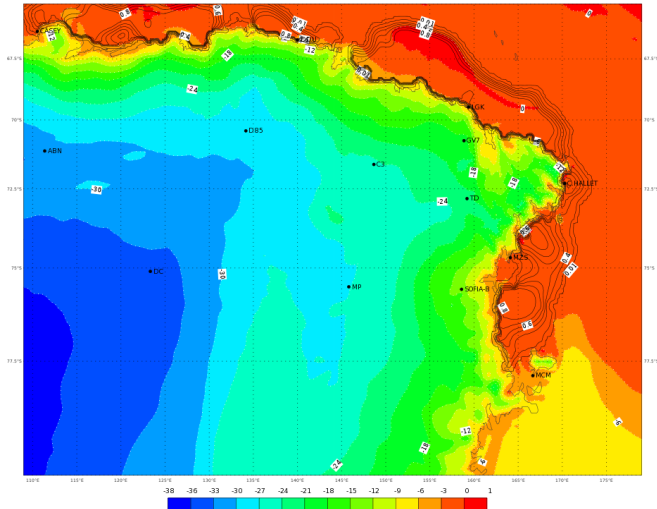
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Terra Vittoria - Total cloud cover (oct)



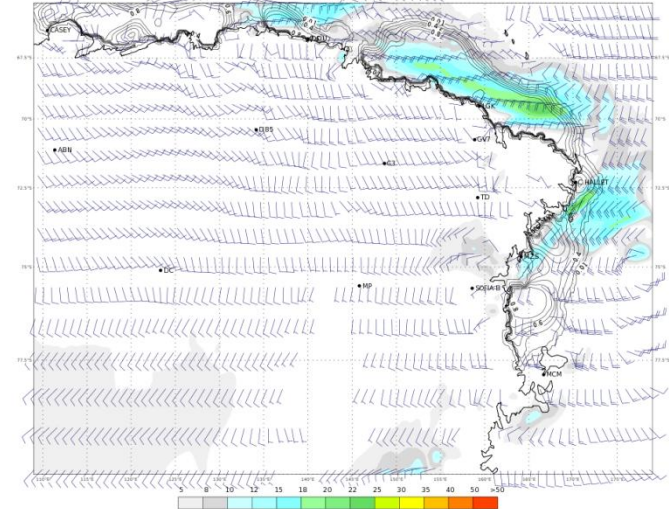
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Terra Vittoria - Geopotential at 500 hPa + 6h accumulated precipitation (mm)



ECMWF 23 Gennaio 2018 00UTC Forecast T+48 VT: Giovedì 25 Gennaio 2018 00UTC
Terra Vittoria - Temperature at 2 m (°C)



ECMWF 23 Gennaio 2018 00UTC Forecast T+48 VT: Giovedì 25 Gennaio 2018 00UTC
Terra Vittoria - Wind at 10 m (kts)

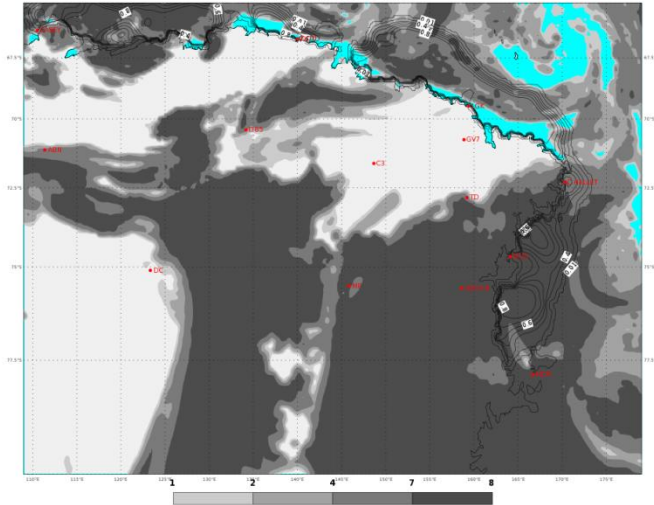


PREVISIONI - FORECASTS

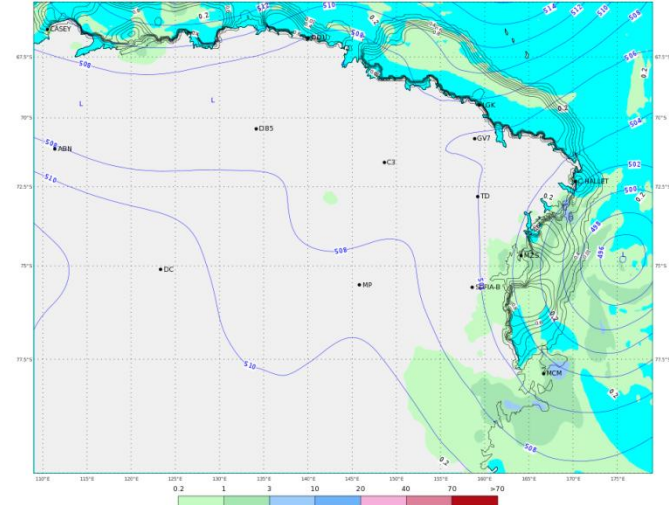
DOMANI - ORE 19 LT

TOMORROW - 19 LT

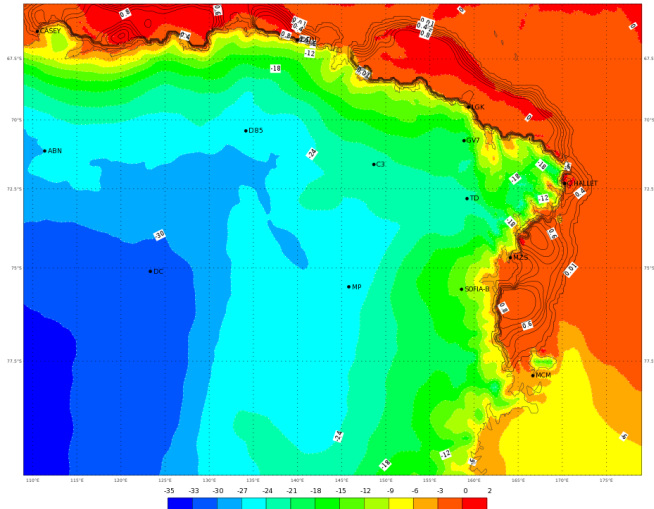
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Terra Vittoria - Total cloud cover (oct)



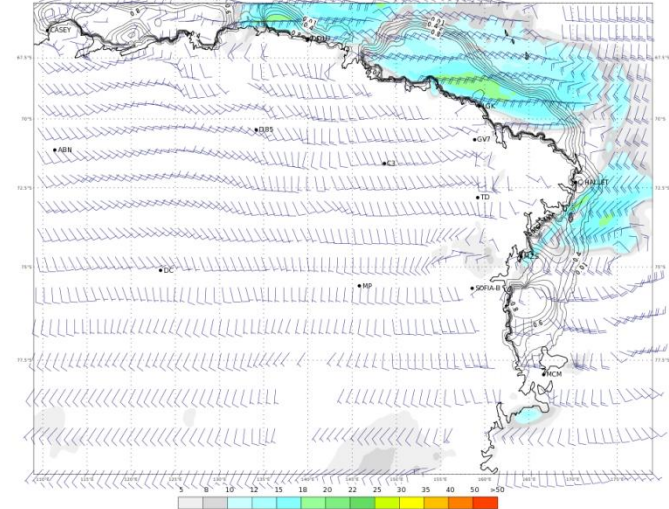
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Terra Vittoria - Geopotential at 500 hPa + 6h accumulated precipitation (mm)



ECMWF 23 Gennaio 2018 00UTC Forecast T+54 VT: Giovedì 25 Gennaio 2018 06UTC
Terra Vittoria - Temperature at 2 m (°C)






ECMWF 23 Gennaio 2018 00UTC Forecast T+54 VT: Giovedì 25 Gennaio 2018 06UTC
Terra Vittoria - Wind at 10 m (kts)





WEATHER FORECAST FOR TOMORROW AT TERRA NOVA BAY

Thursday 25/01/2018

	ORE 07	ORE 13	ORE 19
CIELO			
FENOMENI	POSSIBILE NEVE DEBOLE	NEVE DEBOLE	NEVE DEBOLE A TRATTI MODERATA
VENTO MZS	WSW 20/25 KT	SSW 20/25 KT	WSW 15/20 KT
VENTO BOULDER	WSW 25/30 KT	SSW 25/30 KT	WSW 20/25 KT
TEMPERATURA [°C]	-04/-02 °C	-03/-01 °C	-03/-01 °C
WIND CHILL [°C]	-14/-11 °C	-13/-10 °C	-12/-09 °C
STATO DEL MARE	MOSSO	MOSSO	MOSSO

WEATHER TENDENCY AT TERRA NOVA BAY

Friday 26/01/2018

	MATTINO	POMERIGGIO
CIELO		
FENOMENI	NEVE MODERATA	NEVE DEBOLE
VENTO MZS	SSW 15/20 KT	SSW 10/15 KT
VENTO BOULDER	SSW 20/25 KT	SSW 15/20 KT
TEMPERATURA [°C]	-04/-02 °C	-03/-01 °C
WIND CHILL [°C]	-13/-10 °C	-11/-08 °C
STATO DEL MARE	MOSSO	POCO MOSSO O MOSSO

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

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Extreme Values of Yesterday



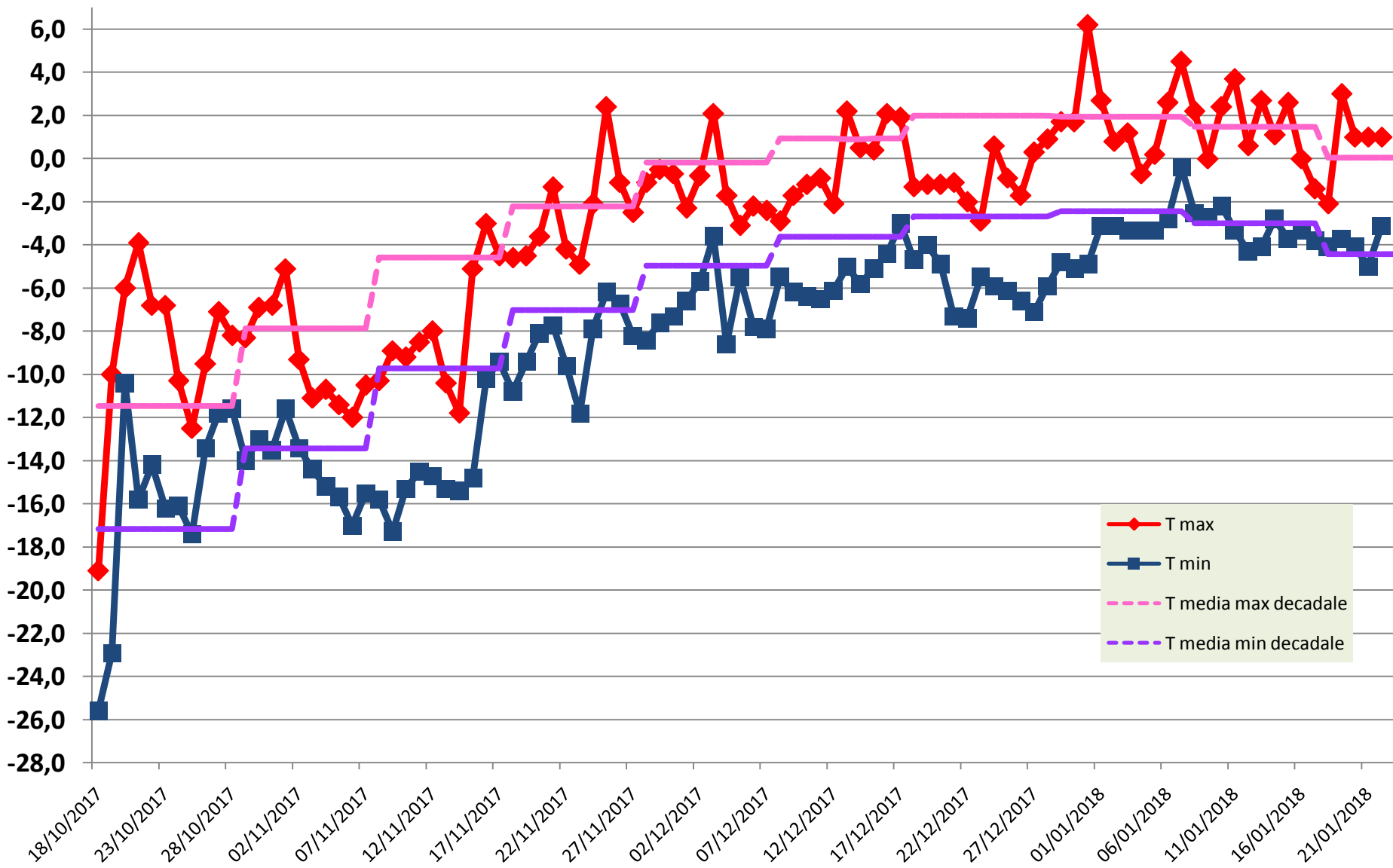
23/01/2018 UTC time (13:00 22/01 - 13:00 23/01)		
MAX temperature	(ore 14:24/L)	1.0°C
MIN temperature	(ore 01:48/L)	-3.1 °C
MAX humidity	(ore 01:36/L)	100 %
MIN humidity	(ore 09:30/L)	39 %
MAX wind direction/speed	(ore 22:48/L)	219/18.9 KT

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

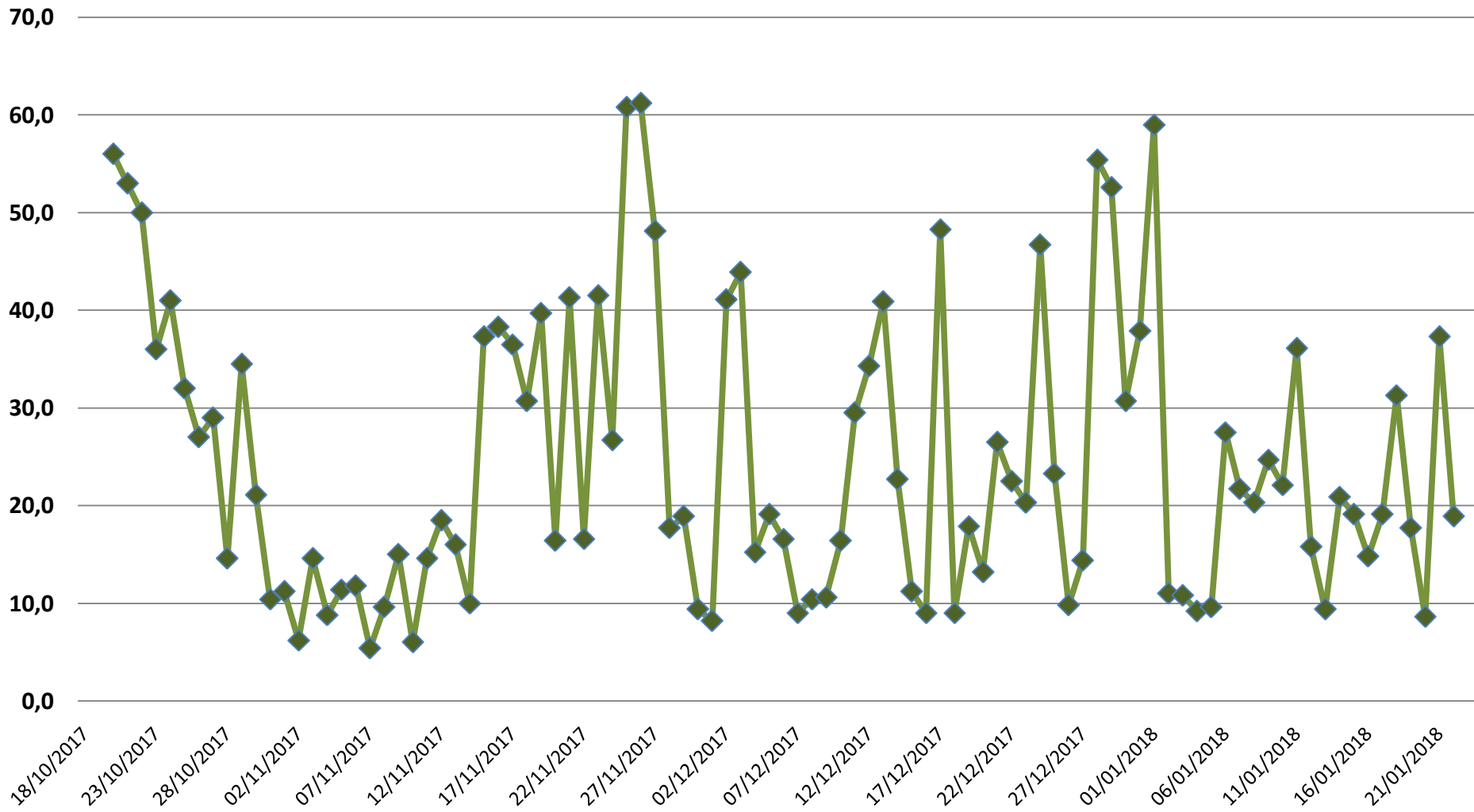
ENEIDE weather station (MZS) - Antarctic Climatology Observatory





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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