



WEATHER

Meteorological observations and forecasts

Friday 12/01/2018

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

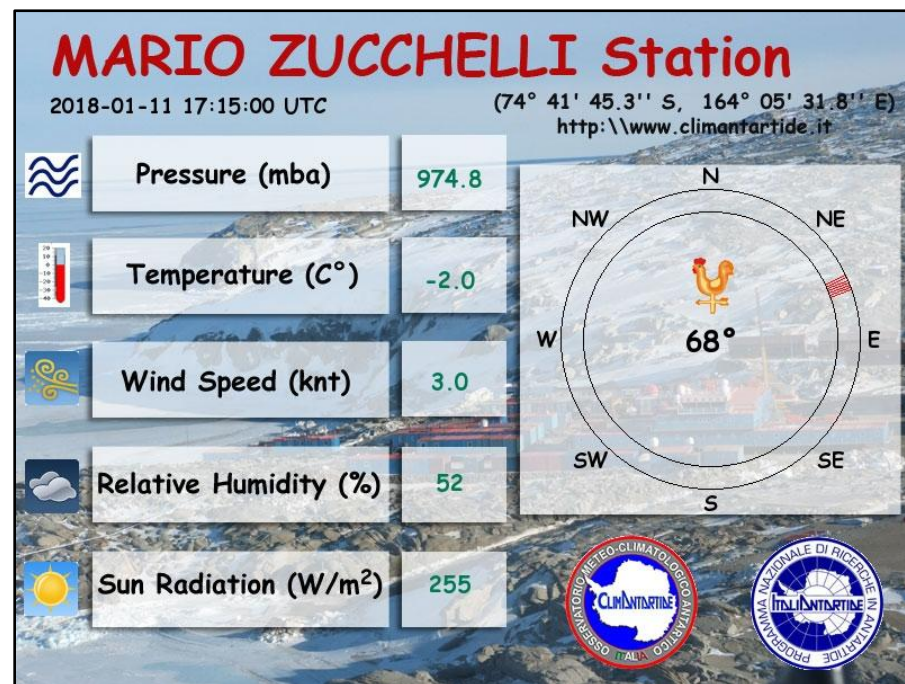
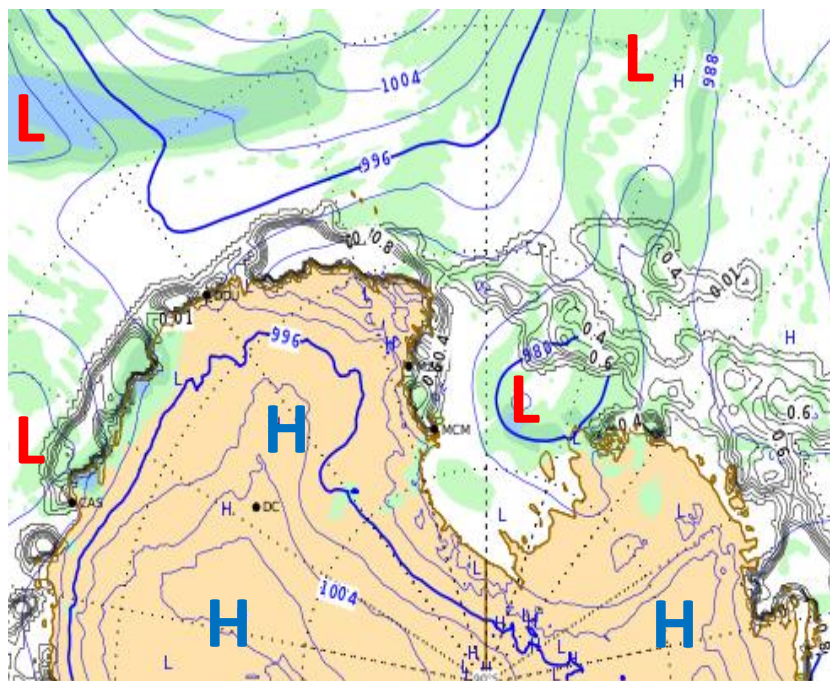
Meteorological observations and forecasts



Friday 12/01/2018

Sea Level Pressure + Precipitation at 07:00

Latest Report

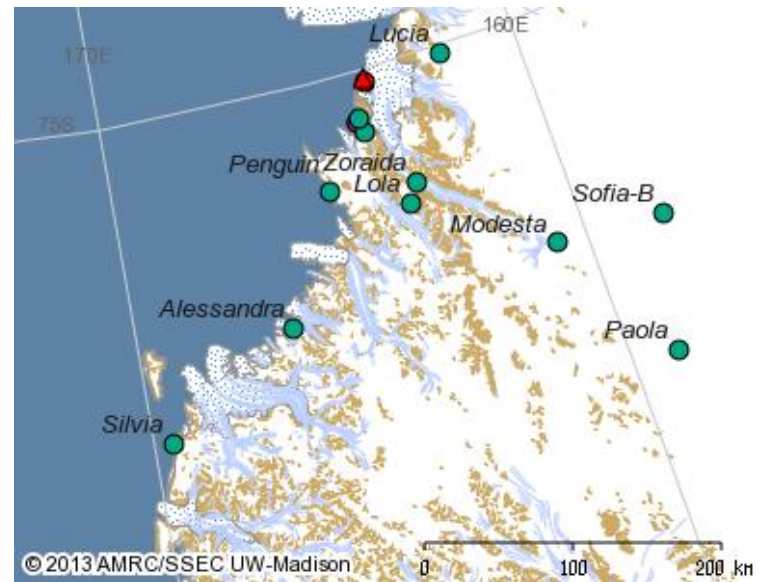
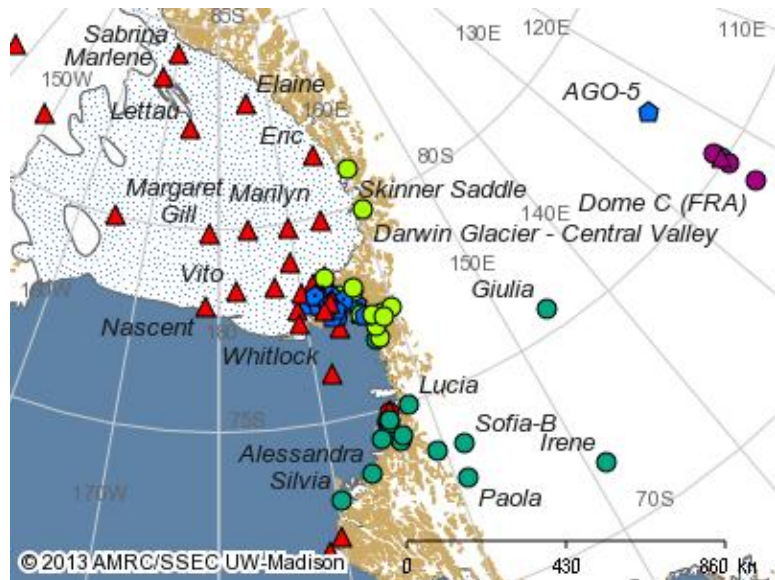


VENTO AREA BOULDER: NW 03 KT (06:15 loc time recorded)

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	2018-01-11 16:00	80	2	5	-1.2	-0.4	-1.9	61	965.6
Arelis	2018-01-11 16:00	290	5	6	-4.8	-4.8	-5.1	11	967.0
Concordia	2018-01-11 16:00	210	7	9	-35.6	-33.8	-35.7	70	649.7
Eneide	2018-01-11 16:00	190	2	5	-2.6	-1.6	-4.1	49	974.6
Giulia	2018-01-11 16:00	250	9	13	-29.3	-28.5	-29.3	70	715.1
Lola	2018-01-11 15:00	150	8	11	-12.2	-11.5	-13.4	27	800.2
Modesta	2018-01-11 15:00	300	6	17	-26.0	-25.0	-26.0	72	765.8
Paola	2018-01-07 14:00	80	6	7	-21.6	-21.3	-22.2	82	//
Rita	2018-01-11 16:00	310	1	7	-4.0	-3.7	-5.0	51	953.6
Silvia	2018-01-11 16:00	20	6	13	-6.0	-5.8	-6.6	79	921.8
Sofiab	2018-01-11 16:00	200	15	19	-19.8	-19.7	-20.7	67	806.2
Zoraida	2018-01-11 16:00	310	26	42	-11.5	-10.8	-11.7	62	883.0

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



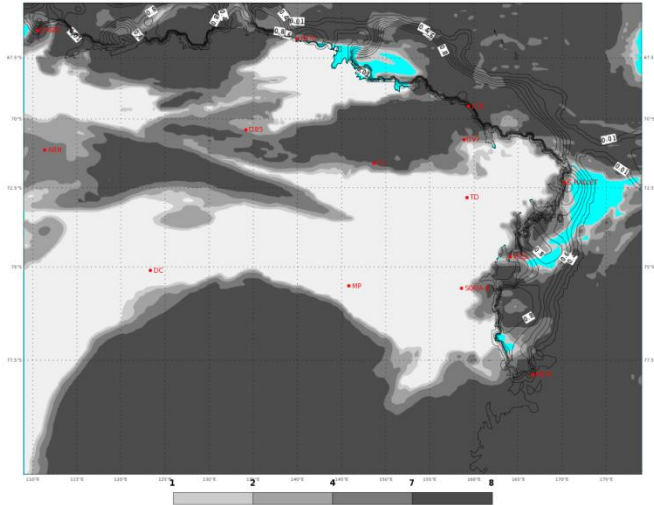
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PREVISIONI - FORECASTS

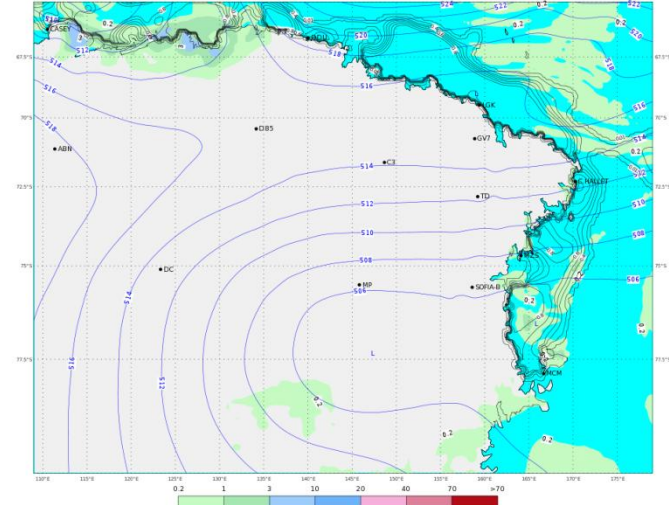
OGGI - ORE 07 LT

TODAY - 07 LT

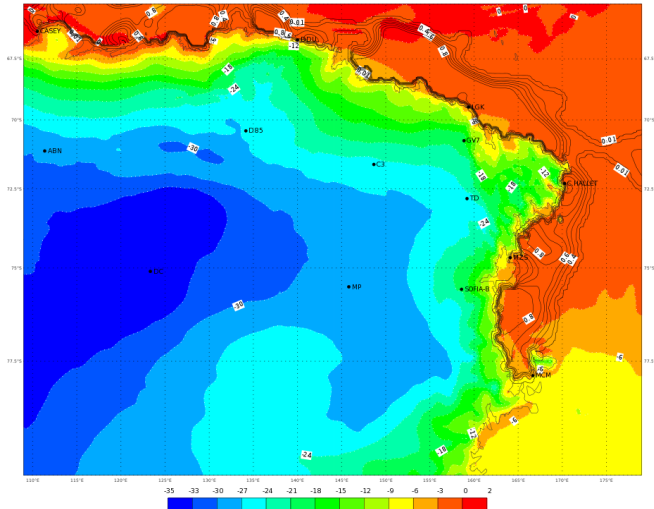
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Terra Vittoria - Total cloud cover (oct)



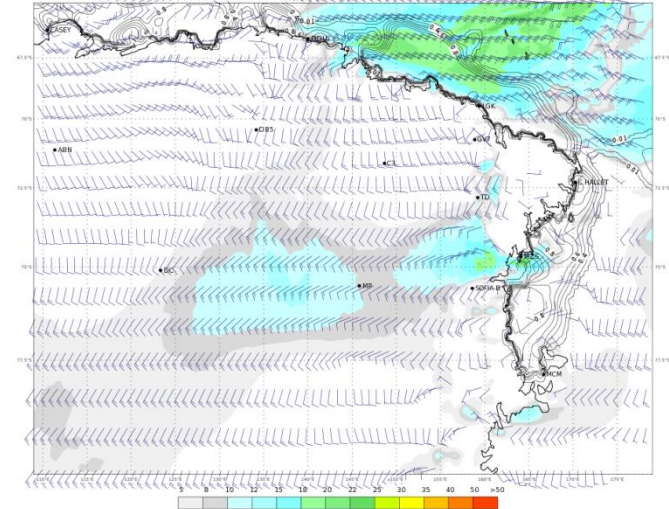
ECMWF 11 Gennaio 2018 00UTC Forecast T+18 VT: Giovedì 11 Gennaio 2018 18UTC
Terra Vittoria - Geopotential at 500 hPa + 6h accumulated precipitation (mm)



ECMWF 11 Gennaio 2018 00UTC Forecast T+18 VT: Giovedì 11 Gennaio 2018 18UTC
Terra Vittoria - temperature at 2 m (°C)



ECMWF 11 Gennaio 2018 00UTC Forecast T+18 VT: Giovedì 11 Gennaio 2018 18UTC
Terra Vittoria - Wind at 10 m (kts)

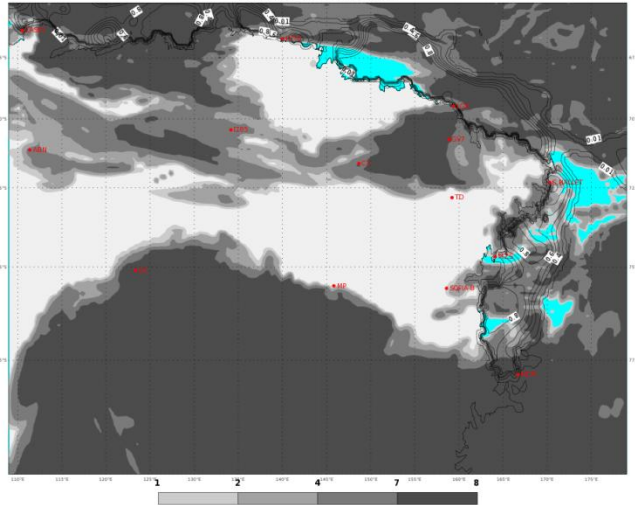


PREVISIONI - FORECASTS

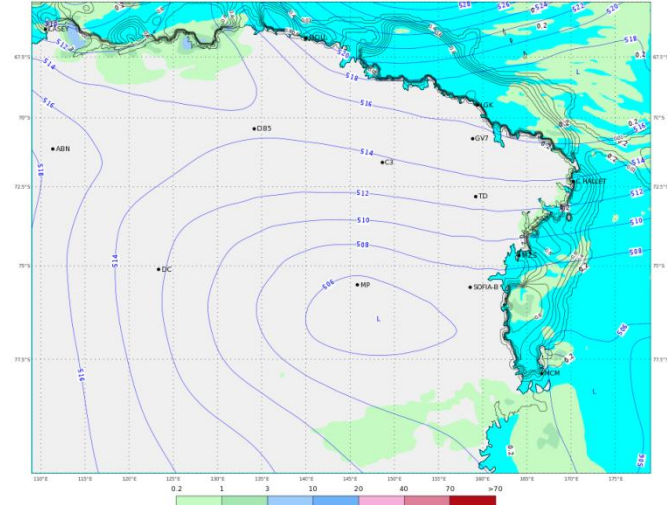
OGGI - ORE 13 LT

TODAY - 13 LT

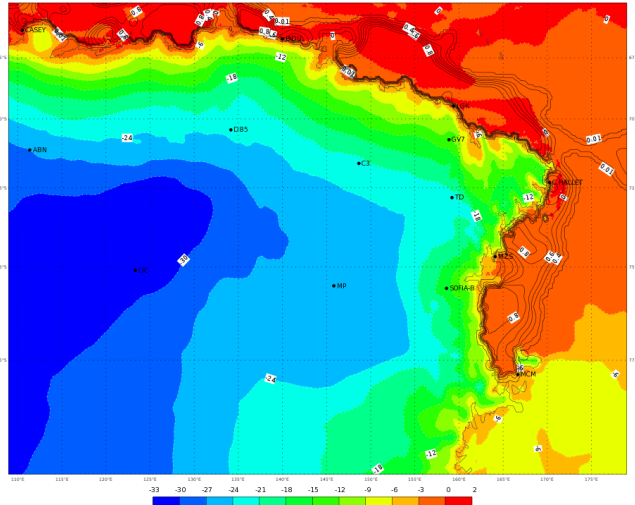
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Terra Vittoria - Total cloud cover (oct)



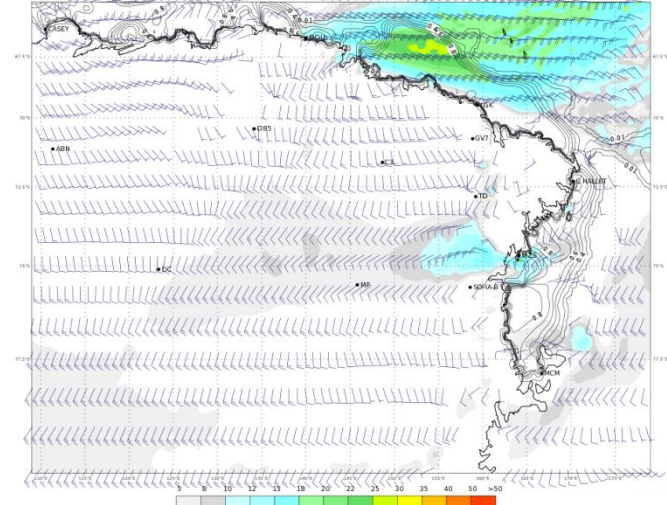
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Terra Vittoria - Geopotential at 500 hPa + 6h accumulated precipitation (mm)



ECMWF 11 Gennaio 2018 00UTC Forecast T+24 VT: Venerdì 12 Gennaio 2018 00UTC
Terra Vittoria - Temperature at 2 m (°C)



ECMWF 11 Gennaio 2018 00UTC Forecast T+24 VT: Venerdì 12 Gennaio 2018 00UTC
Terra Vittoria - Wind at 10 m (kts)

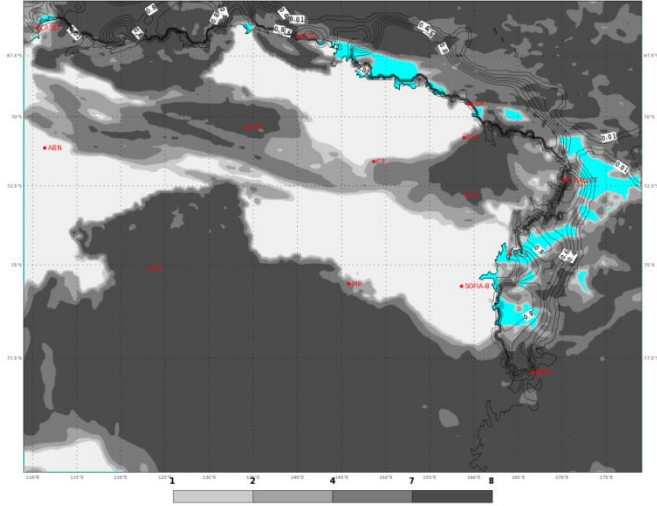


PREVISIONI - FORECASTS

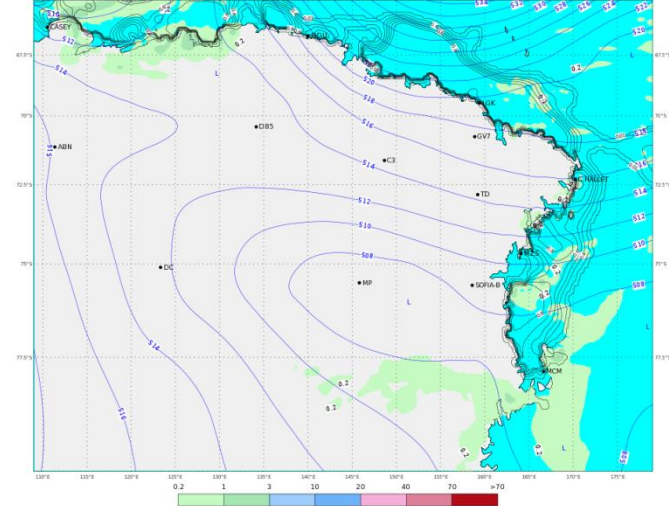
OGGI - ORE 19 LT

TODAY - 19 LT

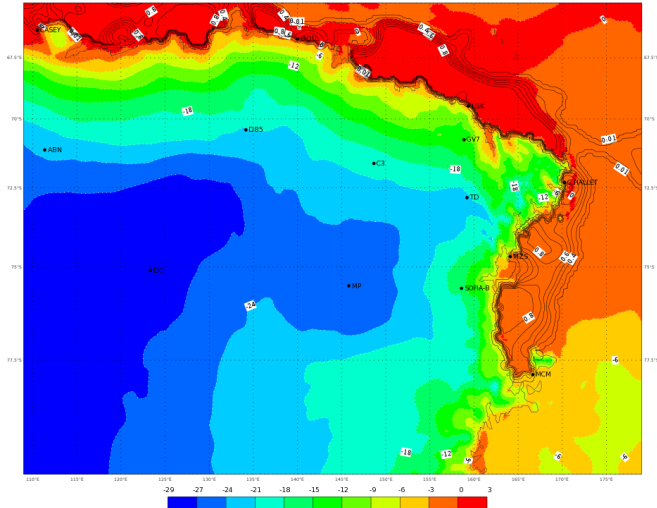
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Terra Vittoria - Total cloud cover (oct)



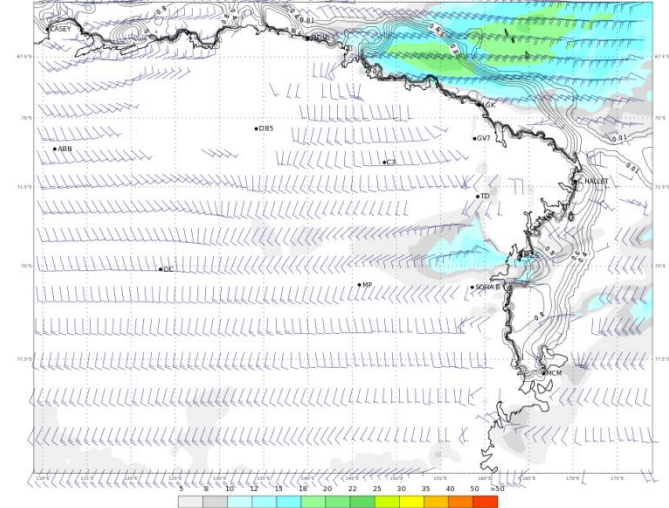
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Terra Vittoria - Geopotential at 500 hPa + 6h accumulated precipitation (mm)



ECMWF 11 Gennaio 2018 00UTC Forecast T+30 VT: Venerdì 12 Gennaio 2018 06UTC
Terra Vittoria - Temperature at 2 m (°C)






ECMWF 11 Gennaio 2018 00UTC Forecast T+30 VT: Venerdì 12 Gennaio 2018 06UTC
Terra Vittoria - Wind at 10 m (kts)



WEATHER FORECAST FOR TODAY AT TERRA NOVA BAY

Friday 12/01/2018

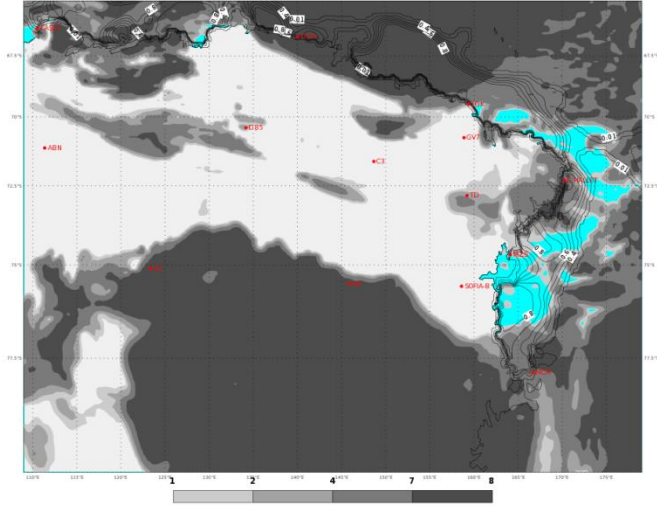
	ORE 07	ORE 13	ORE 19
CIELO			
FENOMENI		POSSIBILE DEBOLE CATABATICO	NIL
VENTO MZS	VRB 05/10 KT	WNW 20/35 KT	WNW 15/25 KT
VENTO BOULDER	WNW 05/10 KT	WNW 30/45 KT	WNW 25/35 KT
TEMPERATURA [°C]	-04/-02 °C	-03/-01 °C	-03/-01 °C
WIND CHILL [°C]	-10/-08 °C	-14/-11 °C	-12/-09 °C
AVVISI	NIL	NIL	NIL

PREVISIONI - FORECASTS

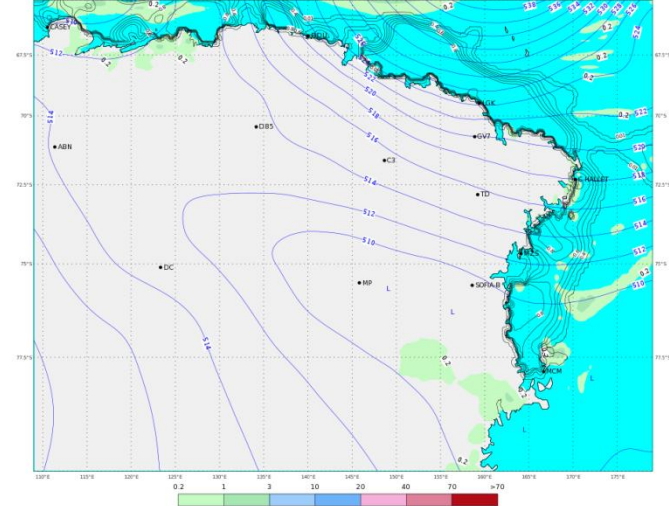
DOMANI - ORE 01 LT

TOMORROW - 01 LT

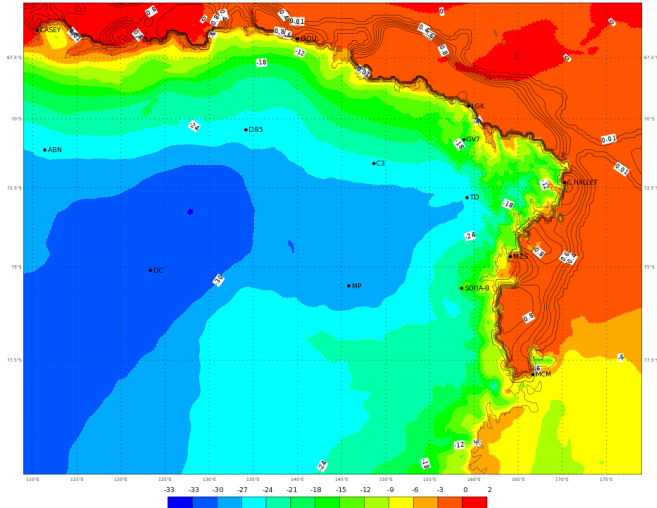
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Terra Vittoria - Total cloud cover (oct)



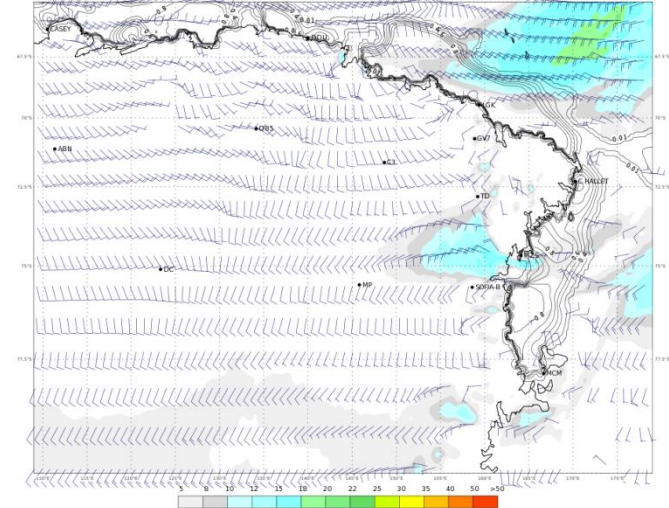
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Terra Vittoria - Geopotential at 500 hPa + 6h accumulated precipitation (mm)



ECMWF 11 Gennaio 2018 00UTC Forecast T+36 VT: Venerdì 12 Gennaio 2018 12UTC
Terra Vittoria - Temperature at 2 m (°C)



ECMWF 11 Gennaio 2018 00UTC Forecast T+36 VT: Venerdì 12 Gennaio 2018 12UTC
Terra Vittoria - Wind at 10 m (kts)

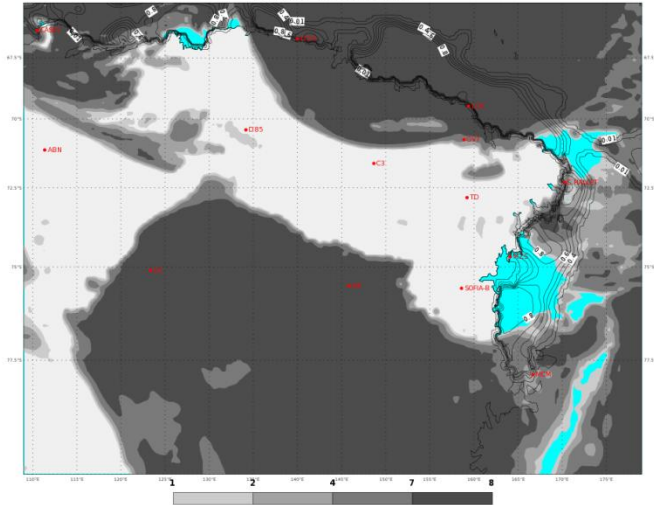


PREVISIONI - FORECASTS

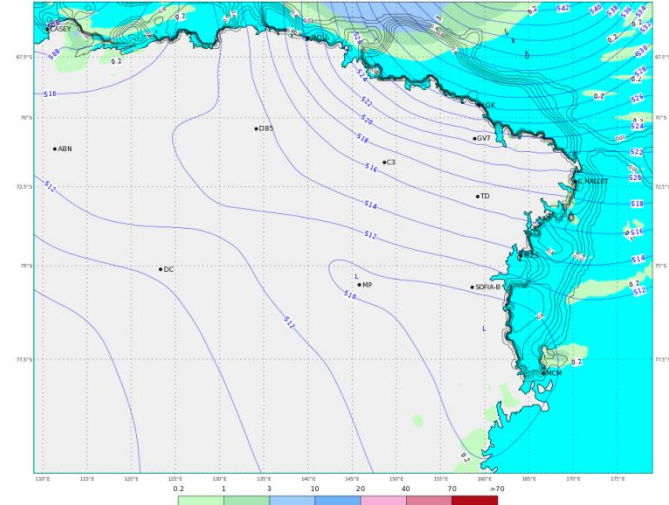
DOMANI - ORE 07 LT

TOMORROW - 07 LT

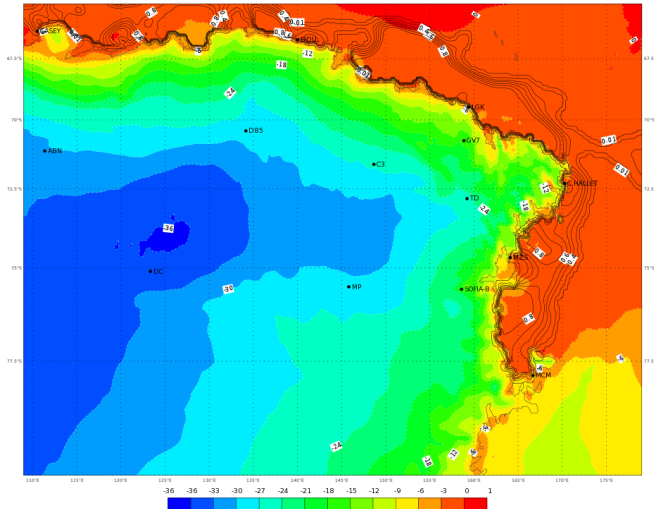
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Terra Vittoria - Total cloud cover (oct)



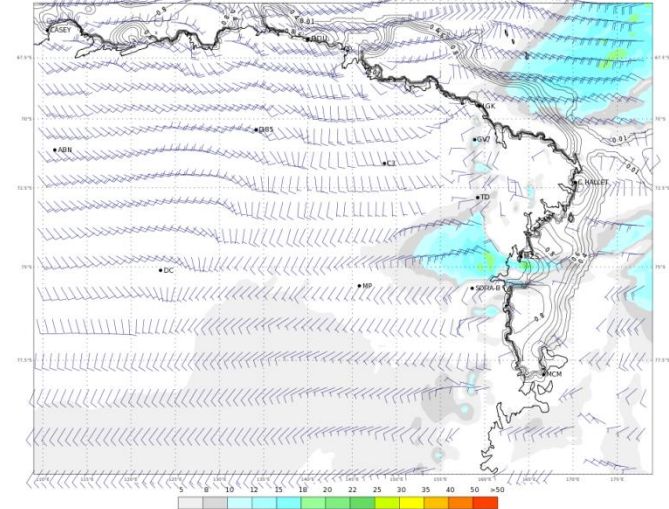
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Terra Vittoria - Wind at 10 m (kts)

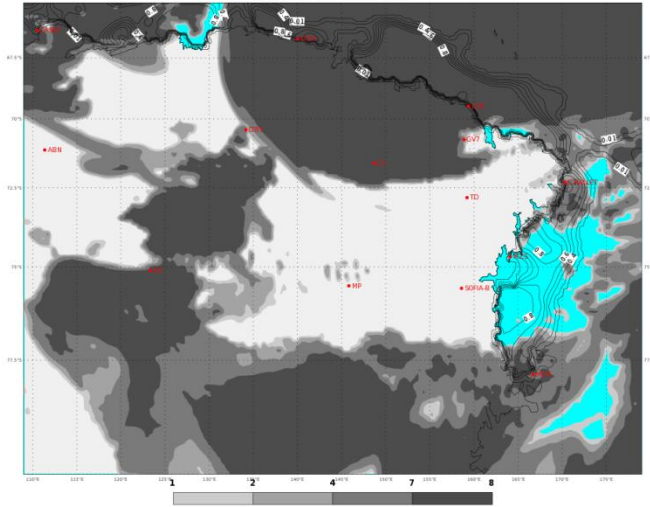


PREVISIONI - FORECASTS

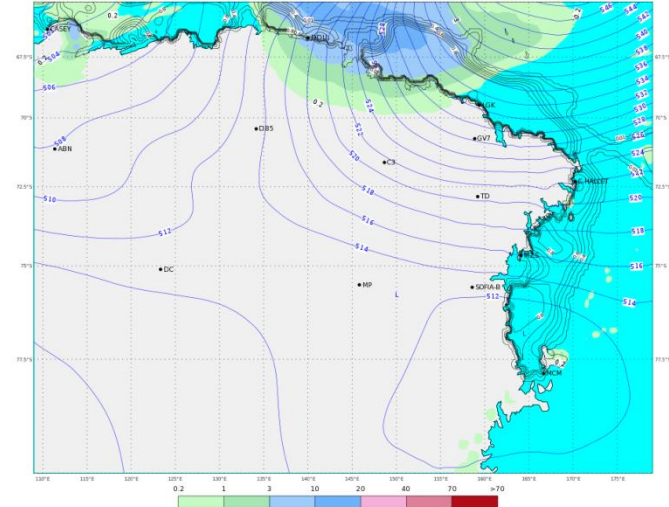
DOMANI - ORE 13 LT

TOMORROW - 13 LT

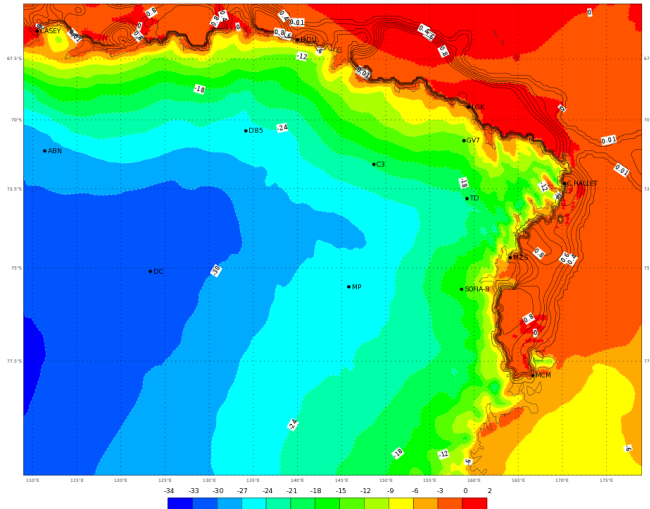
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Terra Vittoria - Total cloud cover (oct)



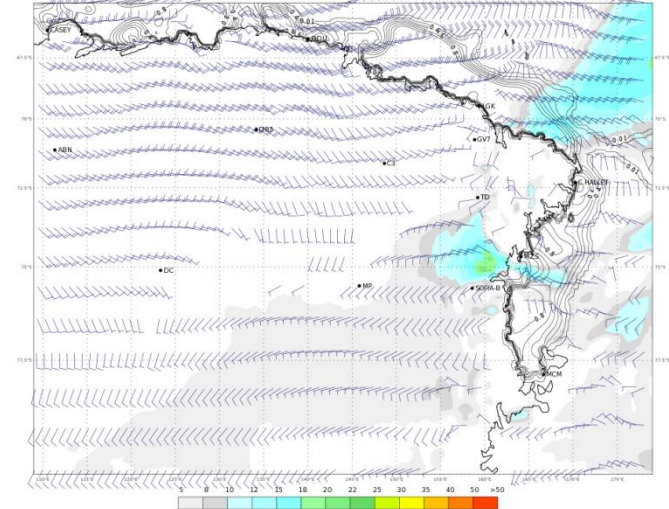
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Terra Vittoria - Geopotential at 500 hPa + 6h accumulated precipitation (mm)



ECMWF 11 Gennaio 2018 00UTC Forecast T+48 VT: Sabato 13 Gennaio 2018 00UTC
Terra Vittoria - Temperature at 2 m (°C)



ECMWF 11 Gennaio 2018 00UTC Forecast T+48 VT: Sabato 13 Gennaio 2018 00UTC
Terra Vittoria - Wind at 10 m (kts)



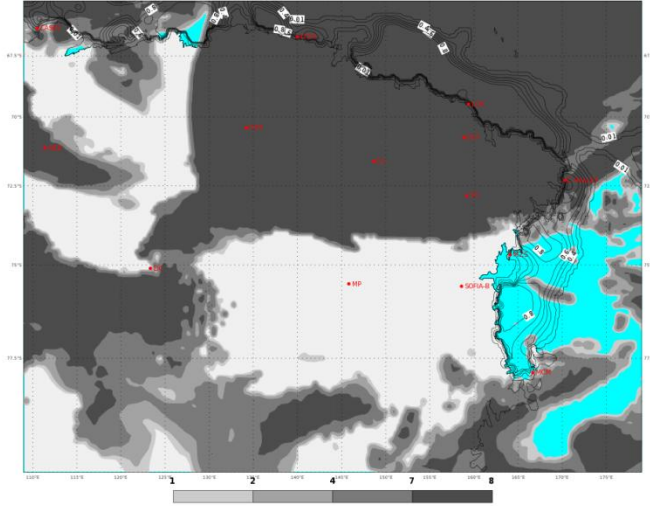
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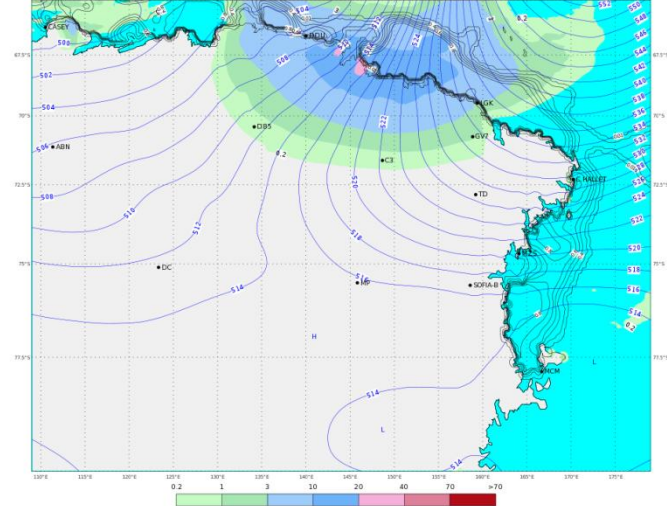
DOMANI - ORE 19 LT

TOMORROW - 19 LT

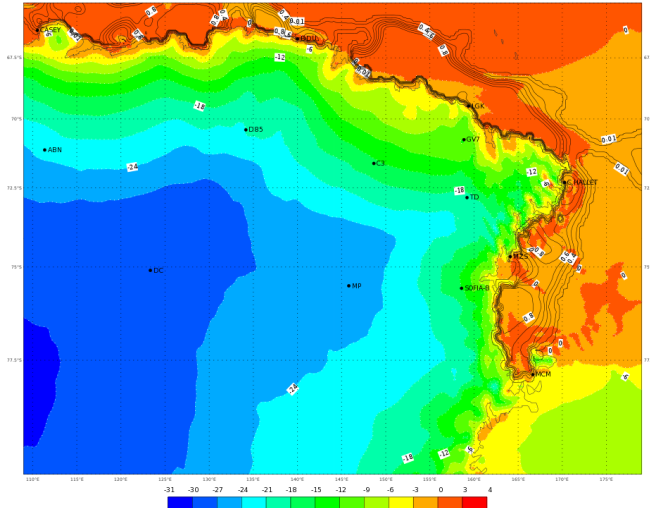
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Terra Vittoria - Total cloud cover (oct)



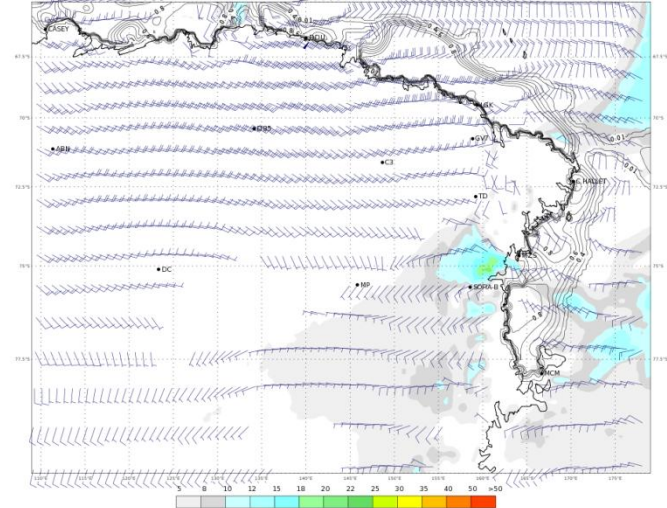
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Terra Vittoria - Geopotential at 500 hPa + 6h accumulated precipitation (mm)



ECMWF 11 Gennaio 2018 00UTC Forecast T+54 VT: Sabato 13 Gennaio 2018 06UTC
Terra Vittoria - Temperature at 2 m (°C)






ECMWF 11 Gennaio 2018 00UTC Forecast T+54 VT: Sabato 13 Gennaio 2018 06UTC
Terra Vittoria - Wind at 10 m (kts)





WEATHER FORECAST FOR TOMORROW AT TERRA NOVA BAY

Saturday 13/01/2018

	ORE 07	ORE 13	ORE 19
CIELO			
FENOMENI	NIL	NIL	NIL
VENTO MZS	WNW 10/20 KT	WSW 10/15 KT	VRB 05 KT
VENTO BOULDER	WNW 15/25 KT	WSW 15/20 KT	VRB 07 KT
TEMPERATURA [°C]	-04/-02 °C	-03/-01 °C	-02/00 °C
WIND CHILL [°C]	-13/-10 °C	-11/-08 °C	-06/-03 °C
AVVISI	NIL	NIL	NIL

WEATHER TENDENCY AT TERRA NOVA BAY

Sunday 14/01/2018

	MATTINO	POMERIGGIO
CIELO		
FENOMENI	NIL	POSSIBILE NEVE DEBOLE
VENTO MZS	WSW 10/15 KT	SSW 10/15 KT
VENTO BOULDER	WSW 15/20 KT	SSW 15/20 KT
TEMPERATURA [°C]	-03/-01 °C	-03/-01 °C
WIND CHILL [°C]	-11/-08 °C	-11/-08 °C
AVVISI	NIL	NIL



Extreme Values of Yesterday



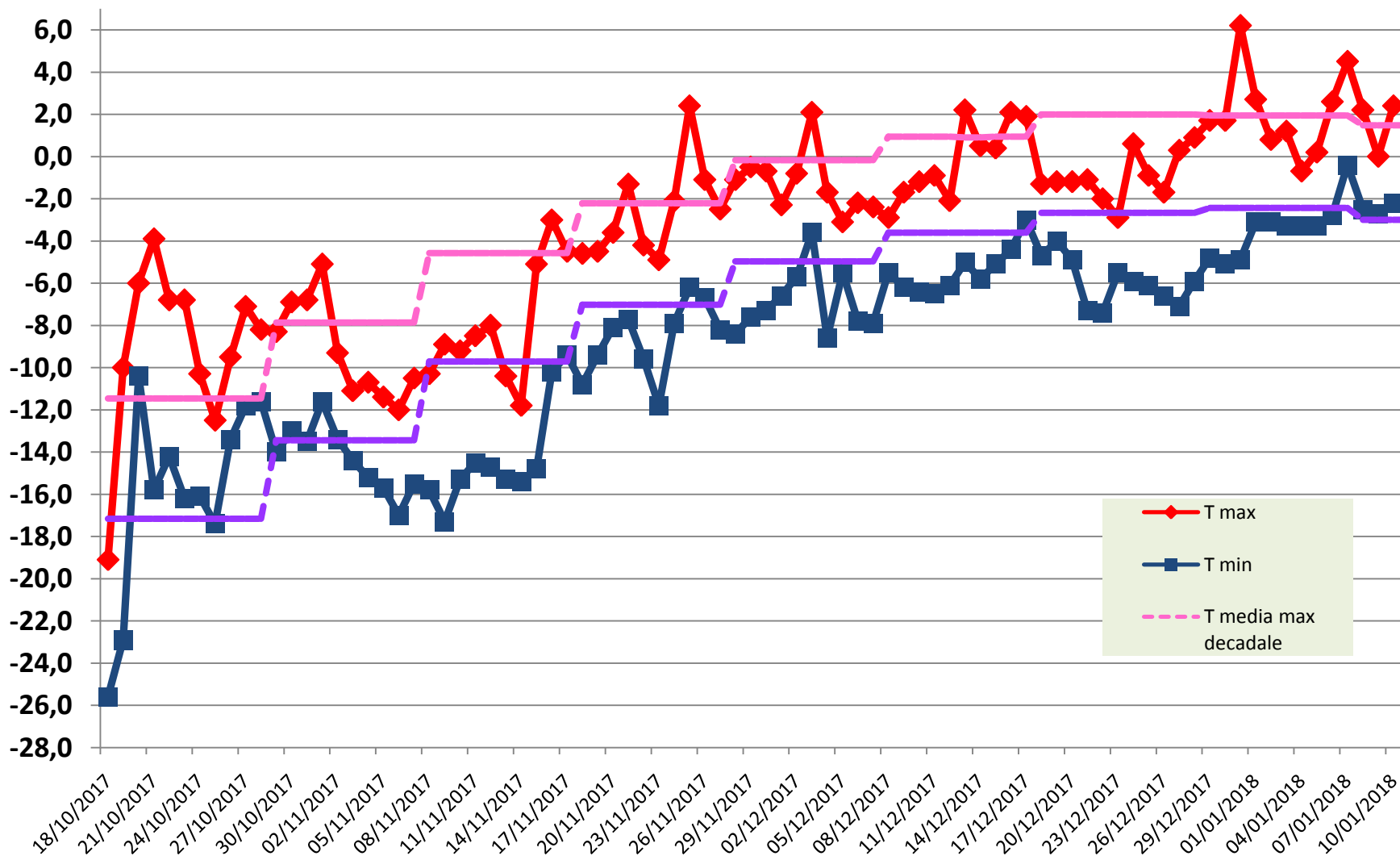
11/01/2018 UTC time (13:00 10/01 - 13:00 11/01)		
MAX temperature	(ore 18:32/L)	2.4°C
MIN temperature	(ore 02:10/L)	-2.2 °C
MAX humidity	(ore 02:21/L)	96 %
MIN humidity	(ore 21:56/L)	38 %
MAX wind direction/speed	(ore 02:46/L)	231/22.1 KT

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

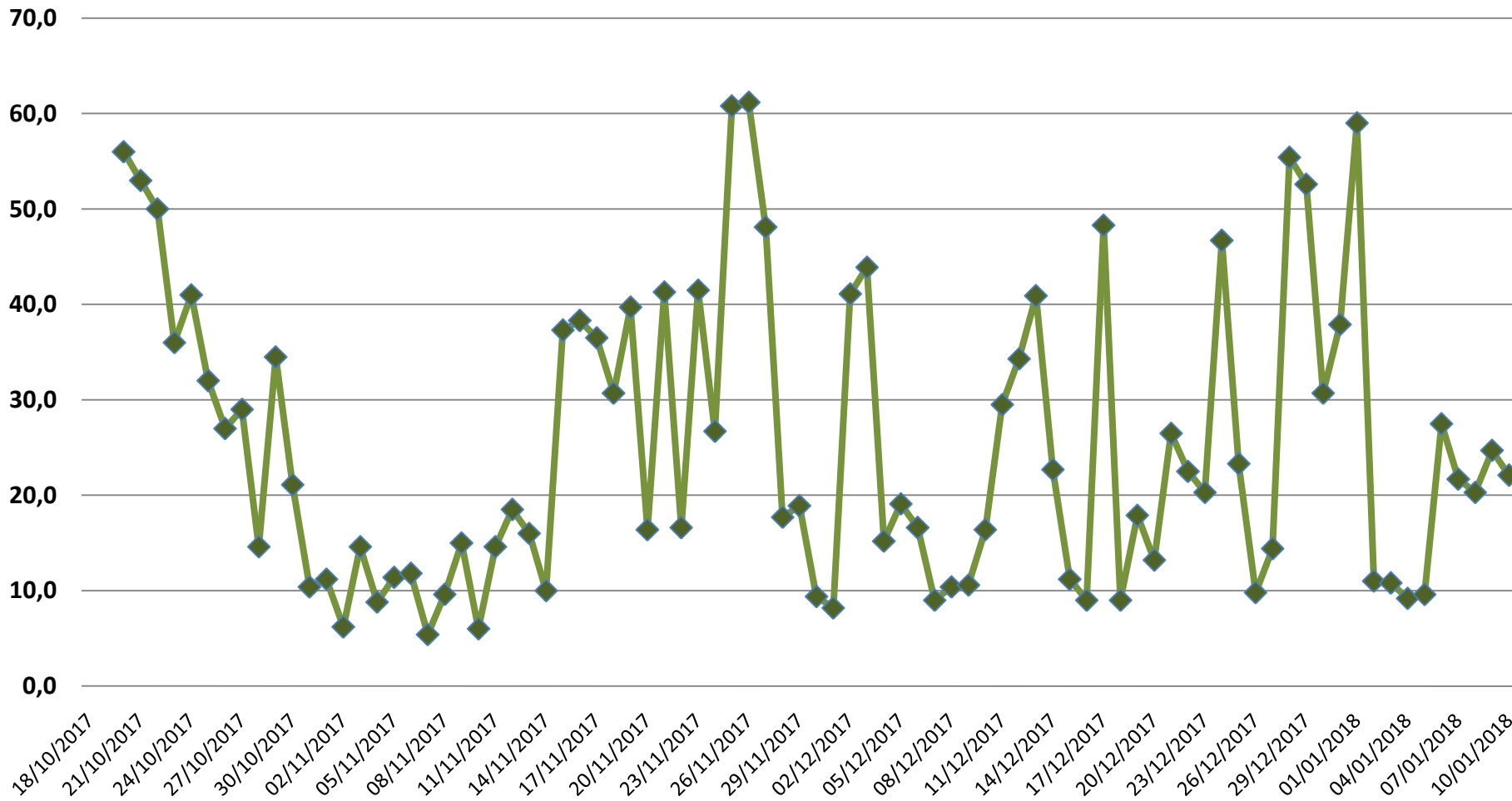
ENEIDE weather station (MZS) - Antarctic Climatology Observatory





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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