



WEATHER

Meteorological observations and forecasts

Saturday 20/01/2018

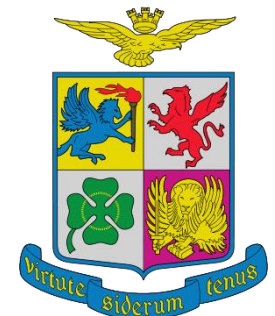
MET Office - "Mario Zucchelli" Base - Terranova Bay

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

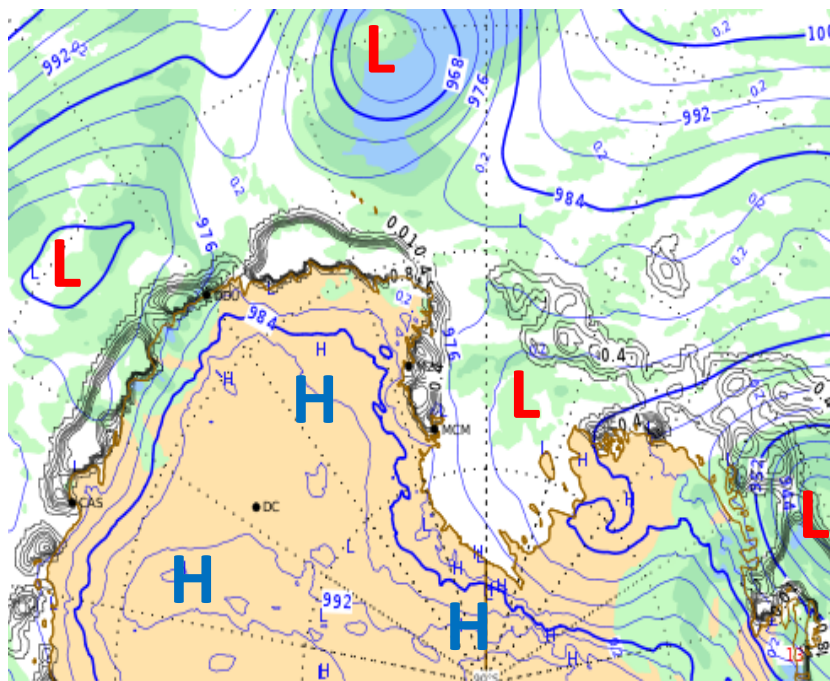
Meteorological observations and forecasts



Saturday 20/01/2018

Sea Level Pressure + Precipitation at 07:00

Latest Report



MARIO ZUCHELLI Station

2018-01-19 16:57:00 UTC (74° 41' 45.3" S, 164° 05' 31.8" E)
<http://www.climantartide.it>

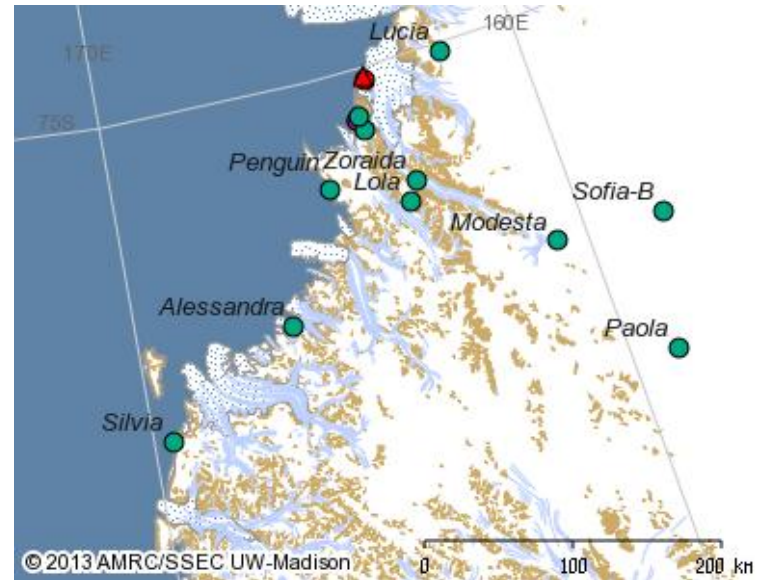
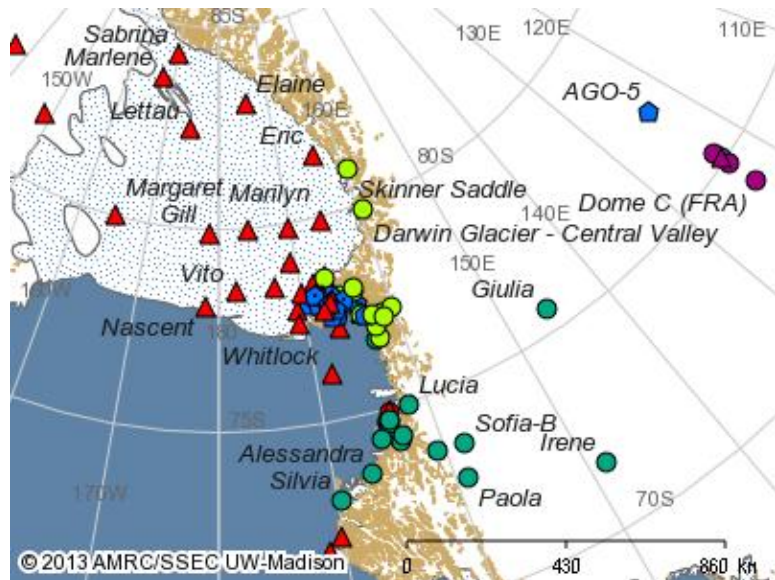
	Pressure (mba)	967.7
	Temperature (C°)	-1.4
	Wind Speed (knt)	5.6
	Relative Humidity (%)	52
	Sun Radiation (W/m ²)	198

VENTO AREA BOULDER: SSW 02 KT (06:05 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	2018-01-19 16:00	350	3	7	-2.7	-2.2	-3.1	53	959.3
Arelis	2018-01-19 16:00	160	6	8	-2.4	-1.9	-2.4	11	959.5
Concordia	2018-01-19 16:00	140	6	6	-35.9	-35.5	-36.8	70	641.6
Eneide	2018-01-19 16:00	210	2	5	-2.2	-1.4	-2.6	56	967.8
Giulia	2018-01-19 16:00	240	8	10	-33.9	-32.5	-34.0	69	709.4
Lola	2018-01-19 16:00	110	7	7	-13.4	-13.1	-14.0	49	794.9
Modesta	2018-01-19 16:00	300	9	12	-29.0	-28.5	-29.4	74	759.7
Paola	2018-01-07 14:00	80	6	7	-21.6	-21.3	-22.2	82	//
Rita	2018-01-19 16:00	200	2	5	-3.9	-3.0	-5.5	52	947.0
Silvia	2018-01-19 16:00	230	7	10	-6.5	-5.6	-6.5	88	914.5
Sofiab	2018-01-19 16:00	160	8	10	-17.5	-16.7	-19.1	61	801.9
Zoraida	2018-01-19 16:00	300	27	37	-12.1	-11.3	-12.2	67	877.2

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



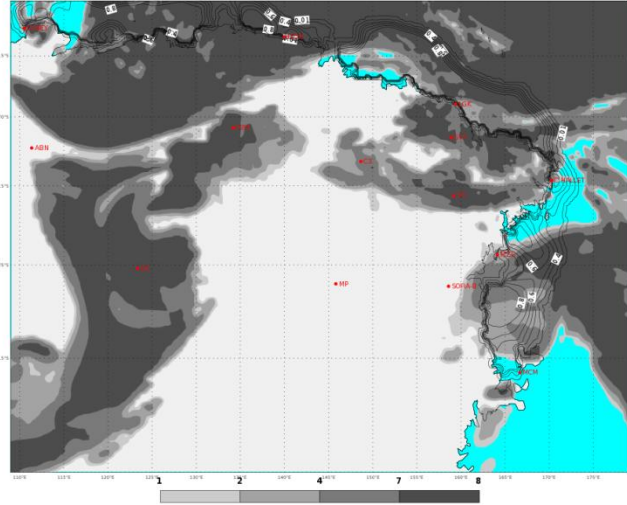
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PREVISIONI - FORECASTS

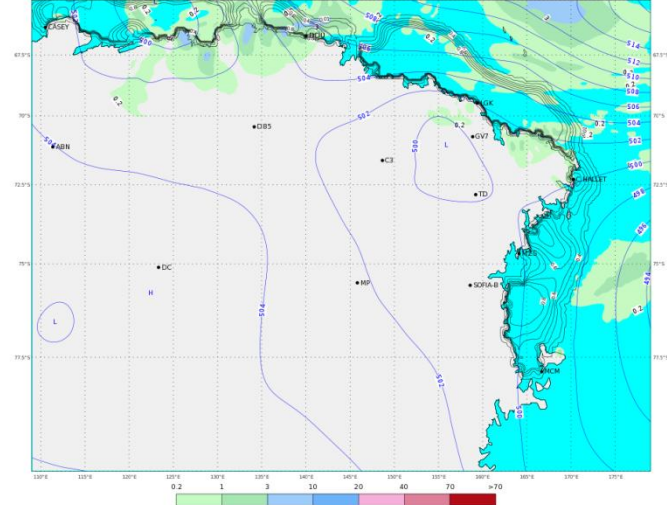
OGGI - ORE 07 LT

TODAY - 07 LT

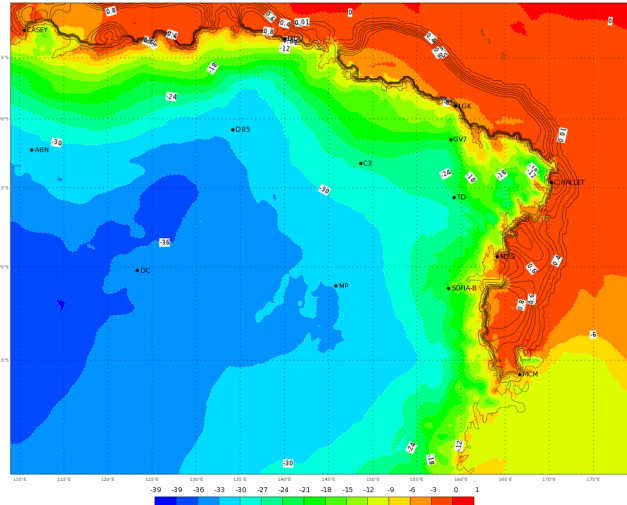
ECMWF 19 Gennaio 2018 00UTC Forecast T+18 VT: Venerdì 19 Gennaio 2018 18UTC
Terra Vittoria - Total cloud cover (oct)



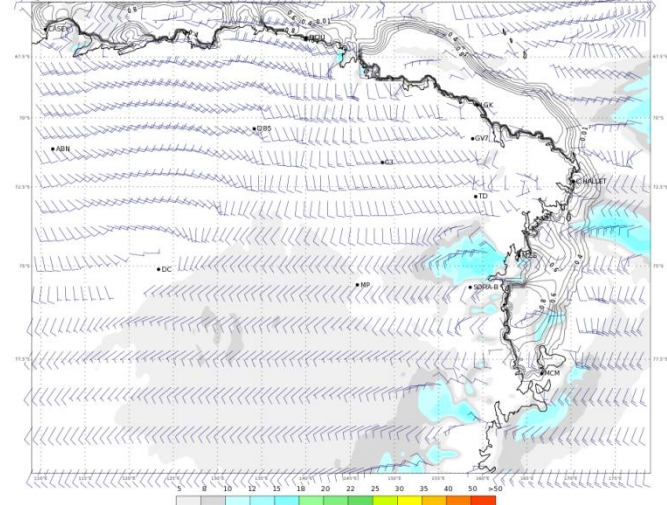
ECMWF 19 Gennaio 2018 00UTC Forecast T+18 VT: Venerdì 19 Gennaio 2018 18UTC
Terra Vittoria - Geopotential at 500 hPa + 6h accumulated precipitation (mm)



ECMWF 19 Gennaio 2018 00UTC Forecast T+18 VT: Venerdì 19 Gennaio 2018 18UTC
Terra Vittoria - Temperature at 2 m (°C)



ECMWF 19 Gennaio 2018 00UTC Forecast T+18 VT: Venerdì 19 Gennaio 2018 18UTC
Terra Vittoria - Wind at 10 m (kts)

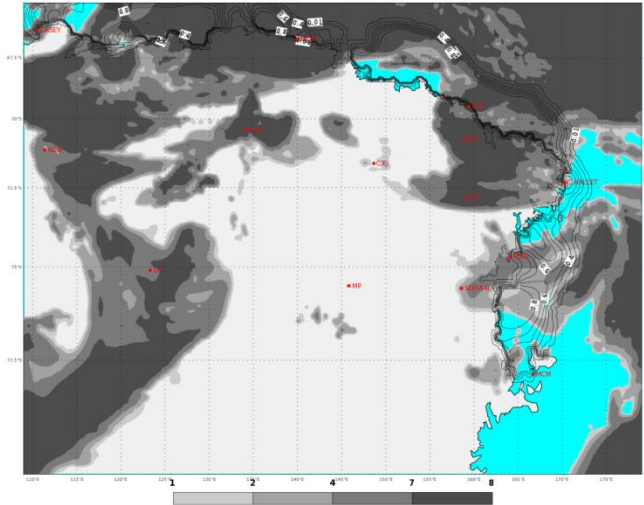


PREVISIONI - FORECASTS

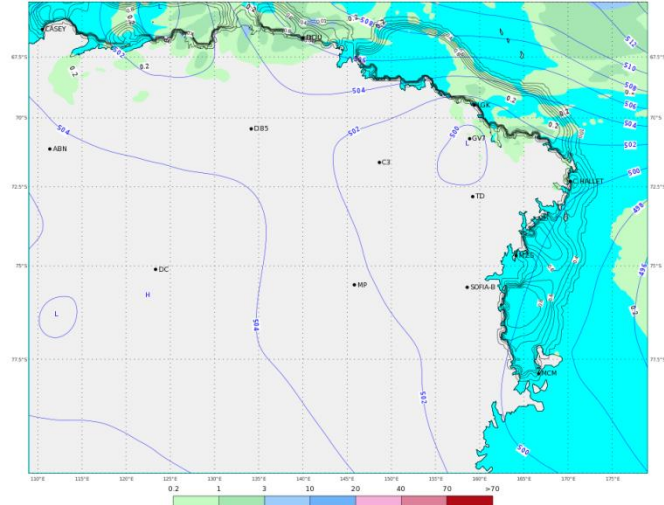
OGGI - ORE 13 LT

TODAY - 13 LT

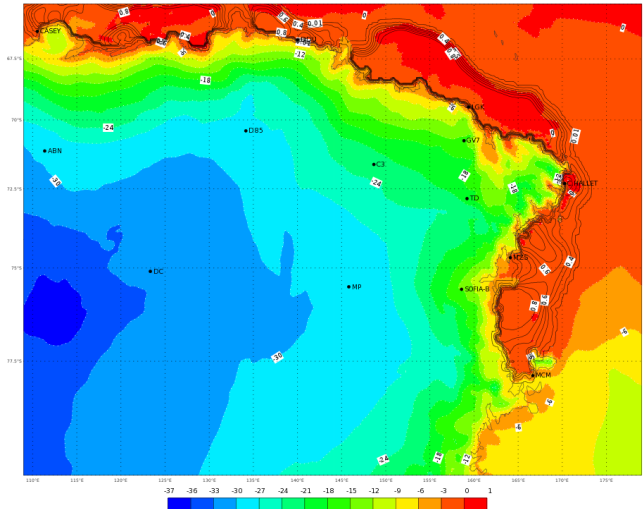
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Terra Vittoria - Total cloud cover (oct)



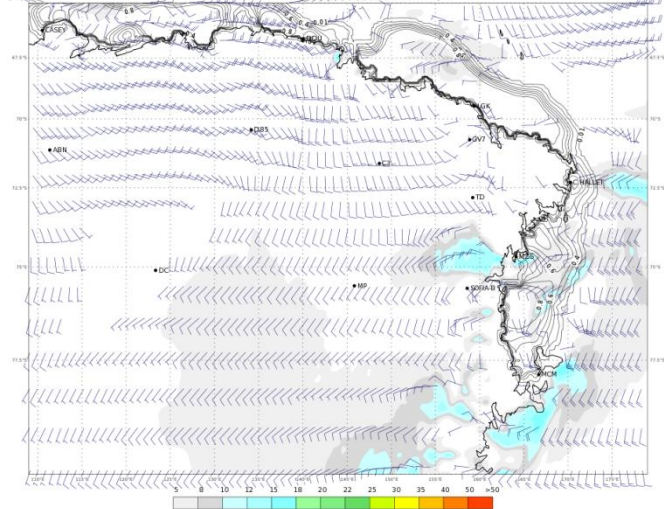
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Terra Vittoria - Geopotential at 500 hPa + 6h accumulated precipitation (mm)



ECMWF 19 Gennaio 2018 00UTC Forecast T+24 VT: Sabato 20 Gennaio 2018 00UTC
Terra Vittoria - Temperature at 2 m (°C)



ECMWF 19 Gennaio 2018 00UTC Forecast T+24 VT: Sabato 20 Gennaio 2018 00UTC
Terra Vittoria - Wind at 10 m (kts)

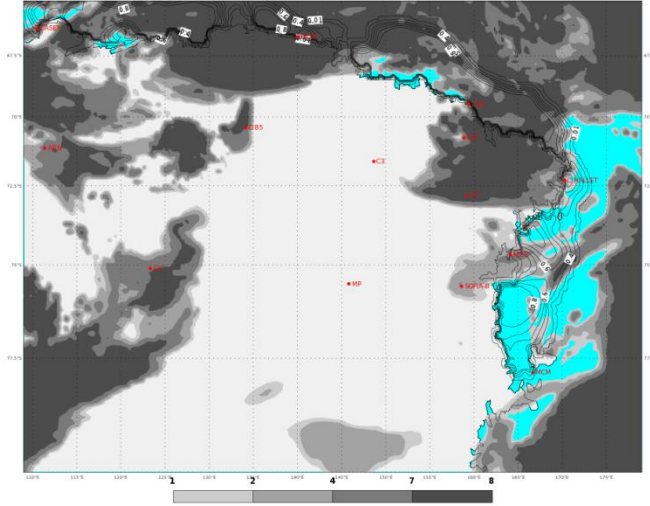


PREVISIONI - FORECASTS

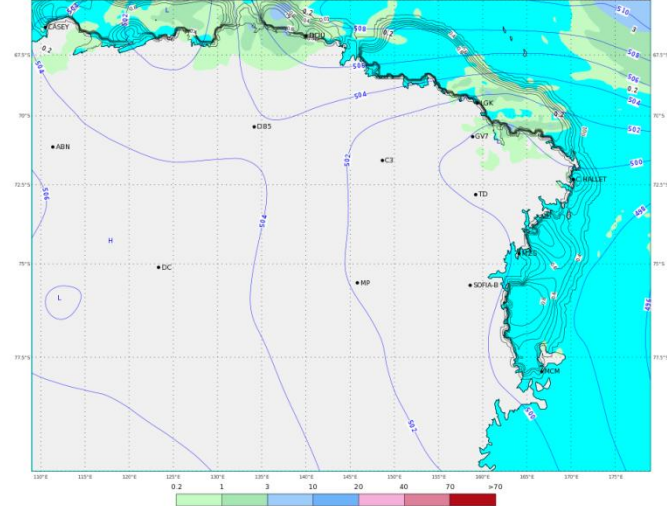
OGGI - ORE 19 LT

TODAY - 19 LT

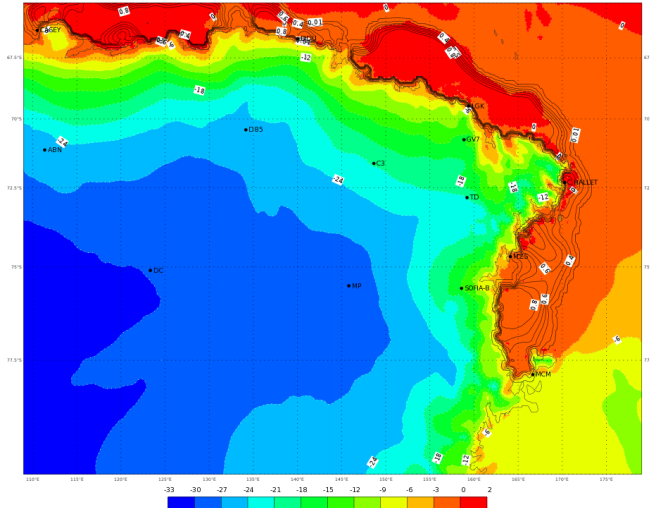
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Terra Vittoria - Total cloud cover (oct)



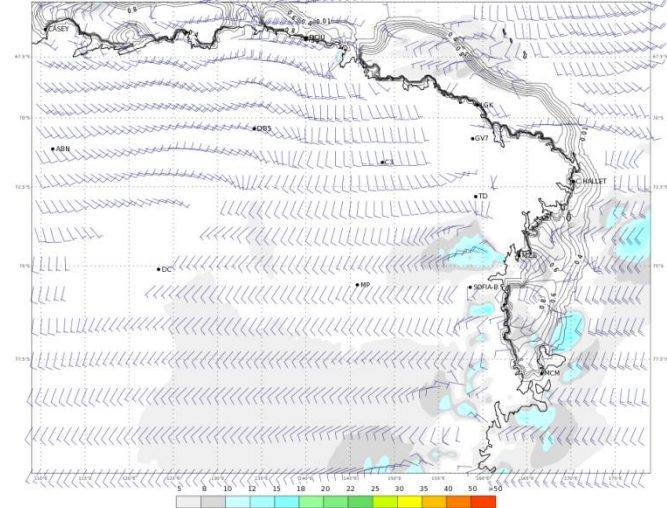
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Terra Vittoria - Geopotential at 500 hPa + 6h accumulated precipitation (mm)



ECMWF 19 Gennaio 2018 00UTC Forecast T+30 VT: Sabato 20 Gennaio 2018 06UTC
Terra Vittoria - Temperature at 2 m (°C)






ECMWF 19 Gennaio 2018 00UTC Forecast T+30 VT: Sabato 20 Gennaio 2018 06UTC
Terra Vittoria - Wind at 10 m (kts)



WEATHER FORECAST FOR TODAY AT TERRA NOVA BAY

Saturday 20/01/2018

	ORE 07	ORE 13	ORE 19
CIELO			
FENOMENI	NIL	NIL	NIL
VENTO MZS	VRB 05/07 KT	WSW 05/10 KT	WSW 05/10 KT
VENTO BOULDER	VRB 05/07 KT	WSW 10/15 KT	WSW 10/15 KT
TEMPERATURA [°C]	-04/-02 °C	-03/-01 °C	-02/00 °C
WIND CHILL [°C]	-09/-06 °C	-09/-06 °C	-08/-05 °C
STATO DEL MARE	QUASI CALMO O POCO MOSSO	QUASI CALMO O POCO MOSSO	QUASI CALMO O POCO MOSSO

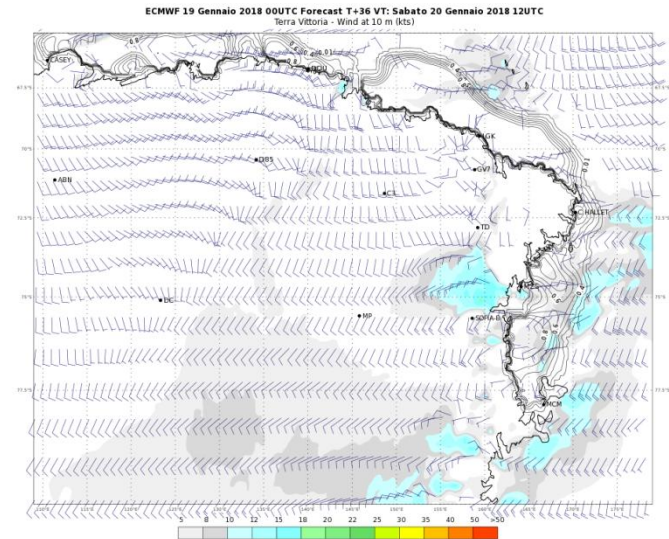
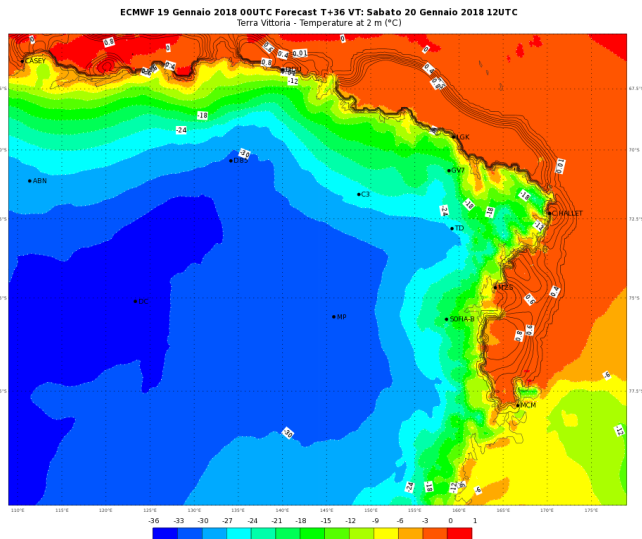
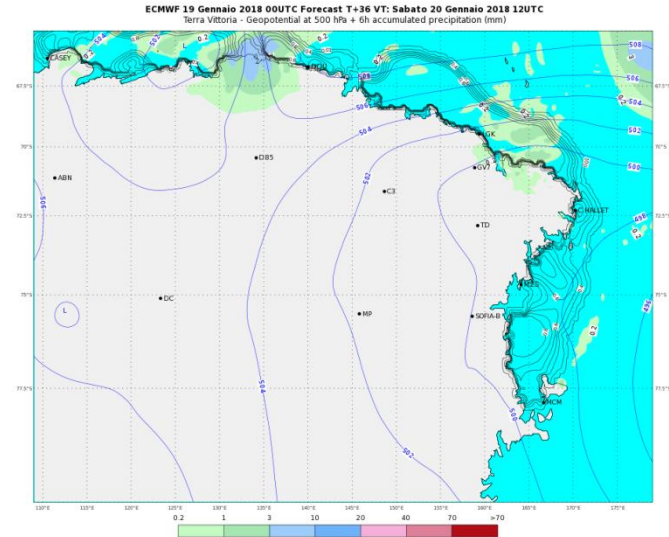
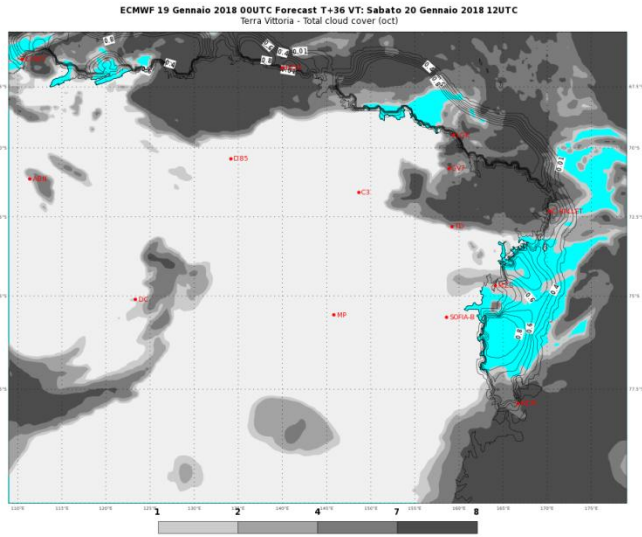
http://mzs-pdc.mzs.pnra.it/meteo/bollettino_meteo.pdf

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PREVISIONI - FORECASTS

DOMANI - ORE 01 LT

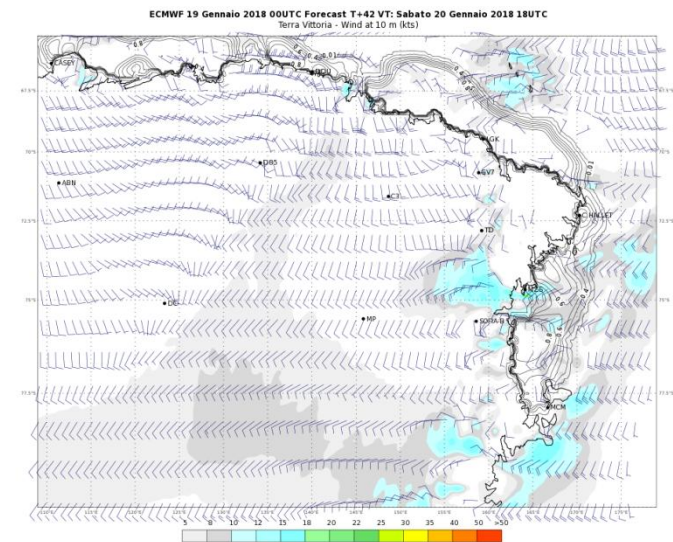
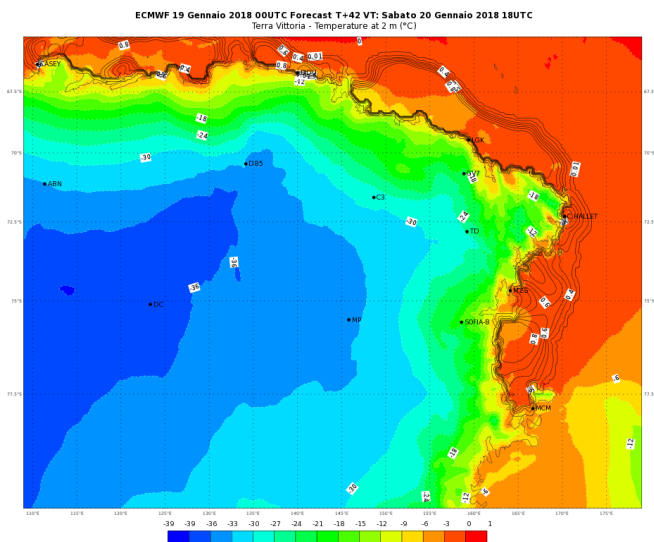
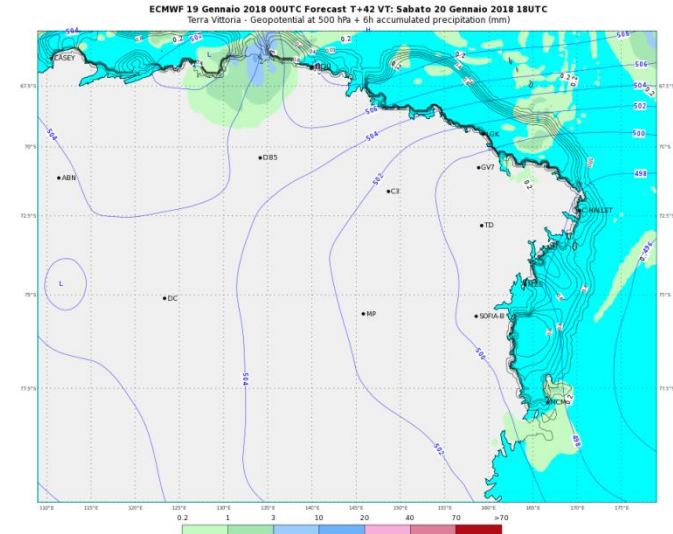
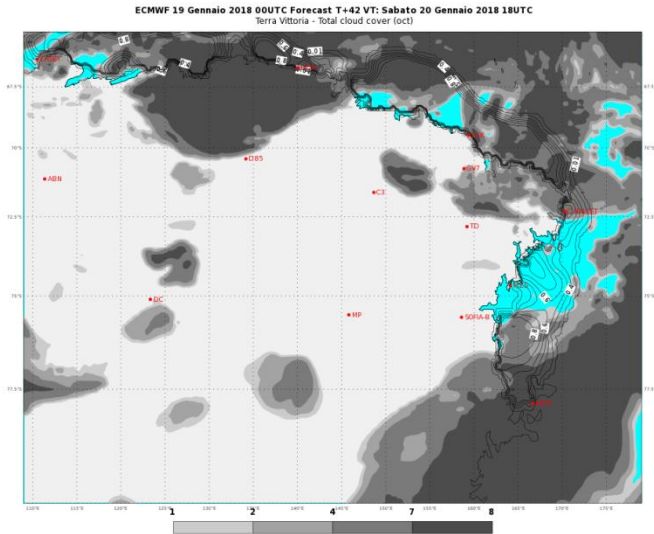
TOMORROW - 01 LT



PREVISIONI - FORECASTS

DOMANI - ORE 07 LT

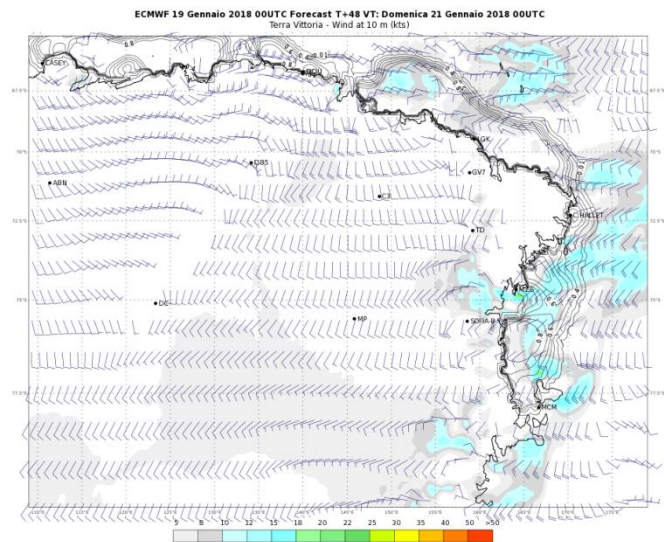
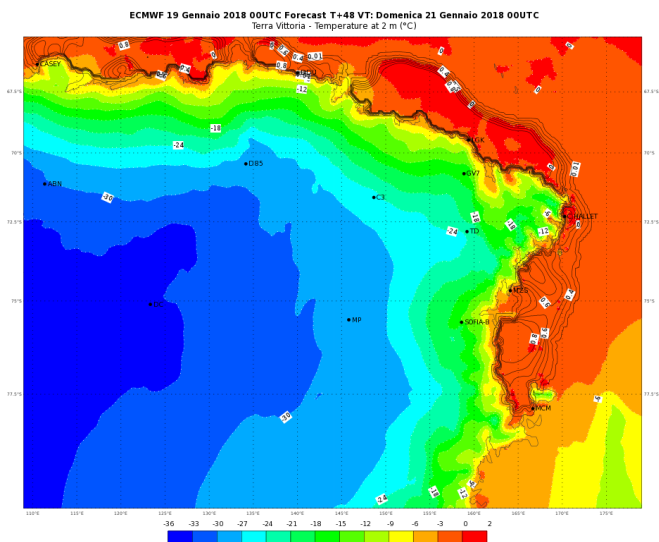
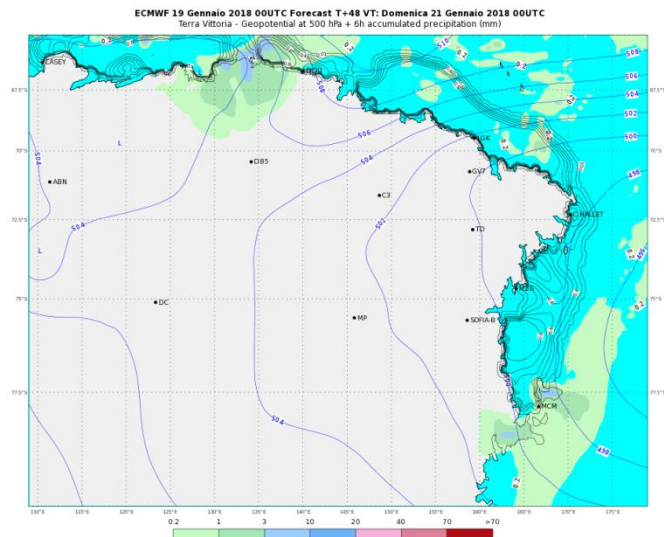
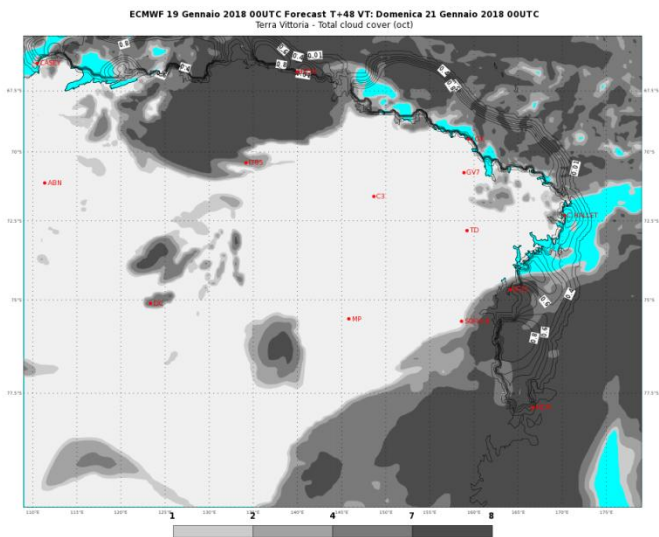
TOMORROW - 07 LT



PREVISIONI - FORECASTS

DOMANI - ORE 13 LT

TOMORROW - 13 LT

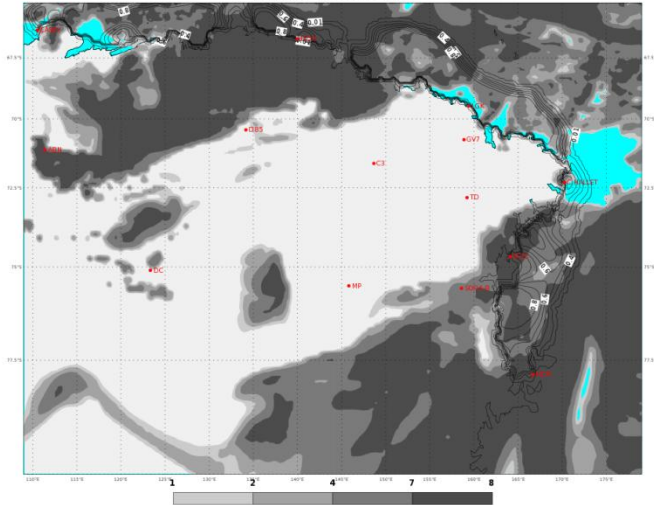


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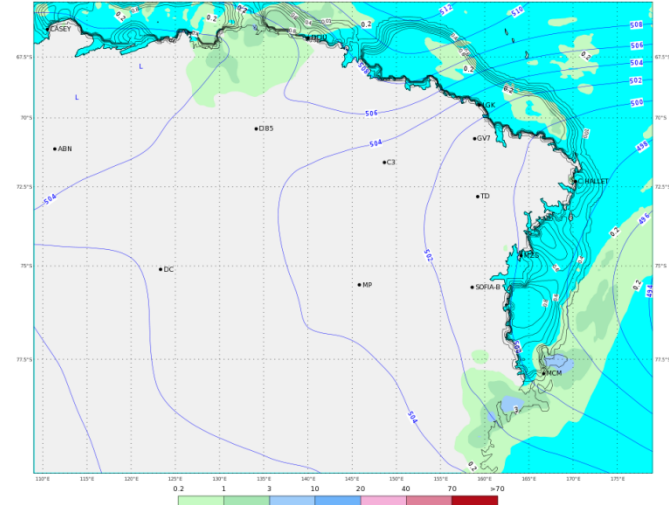
DOMANI - ORE 19 LT

TOMORROW - 19 LT

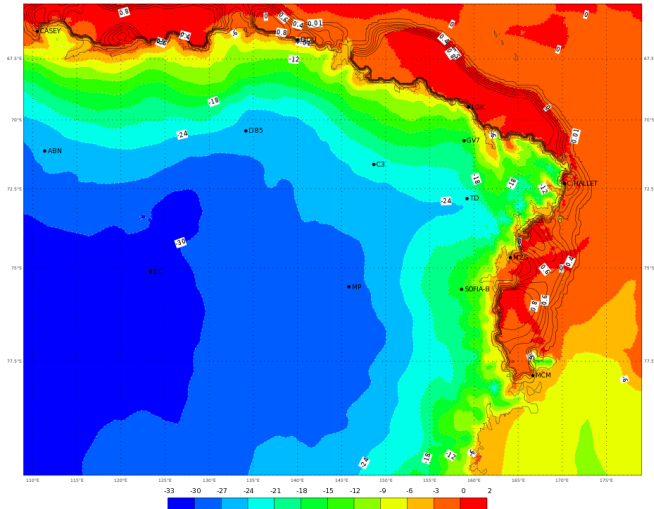
ECMWF 19 Gennaio 2018 00UTC Forecast T+54 VT: Domenica 21 Gennaio 2018 06UTC
Terra Vittoria - Total cloud cover (oct)



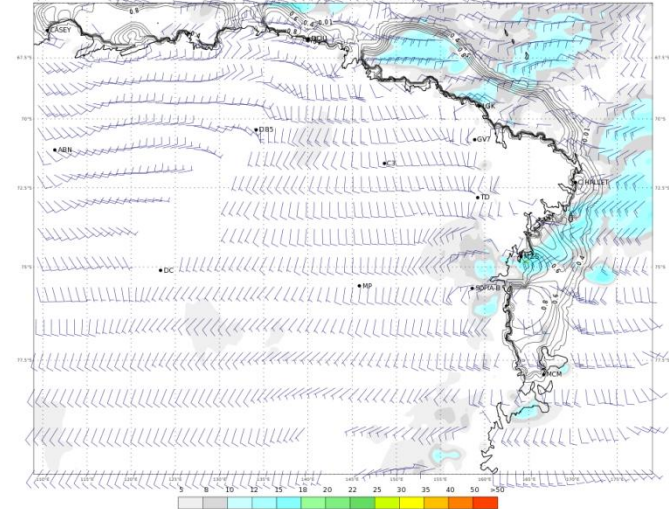
ECMWF 19 Gennaio 2018 00UTC Forecast T+54 VT: Domenica 21 Gennaio 2018 06UTC
Terra Vittoria - Geopotential at 500 hPa + 6h accumulated precipitation (mm)



ECMWF 19 Gennaio 2018 00UTC Forecast T+54 VT: Domenica 21 Gennaio 2018 06UTC
Terra Vittoria - Temperature at 2 m (°C)






ECMWF 19 Gennaio 2018 00UTC Forecast T+54 VT: Domenica 21 Gennaio 2018 06UTC
Terra Vittoria - Wind at 10 m (kts)



WEATHER FORECAST FOR TOMORROW AT TERRA NOVA BAY

Sunday 21/01/2018



	ORE 07	ORE 13	ORE 19
CIELO			
FENOMENI	NIL	NIL	NIL
VENTO MZS	WNW 05/10 KT	WSW 10/20 KT	WSW 15/25 KT
VENTO BOULDER	WNW 10/15 KT	WSW 15/25 KT	WSW 20/30 KT
TEMPERATURA [°C]	-05/-03 °C	-04/-02 °C	-02/-00 °C
WIND CHILL [°C]	-12/-09 °C	-13/-10 °C	-11/-08 °C
STATO DEL MARE	POCO MOSSO O MOSSO	POCO MOSSO O MOSSO	MOSSO

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

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WEATHER TENDENCY AT TERRA NOVA BAY

Monday 22/01/2018

	MATTINO	POMERIGGIO
CIELO		
FENOMENI	NIL	NIL
VENTO MZS	WNW 15/25 KT	WSW 10/15 KT
VENTO BOULDER	WNW 20/30 KT	WSW 20/25 KT
TEMPERATURA [°C]	-05/-03 °C	-03/-01 °C
WIND CHILL [°C]	-15/-12 °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



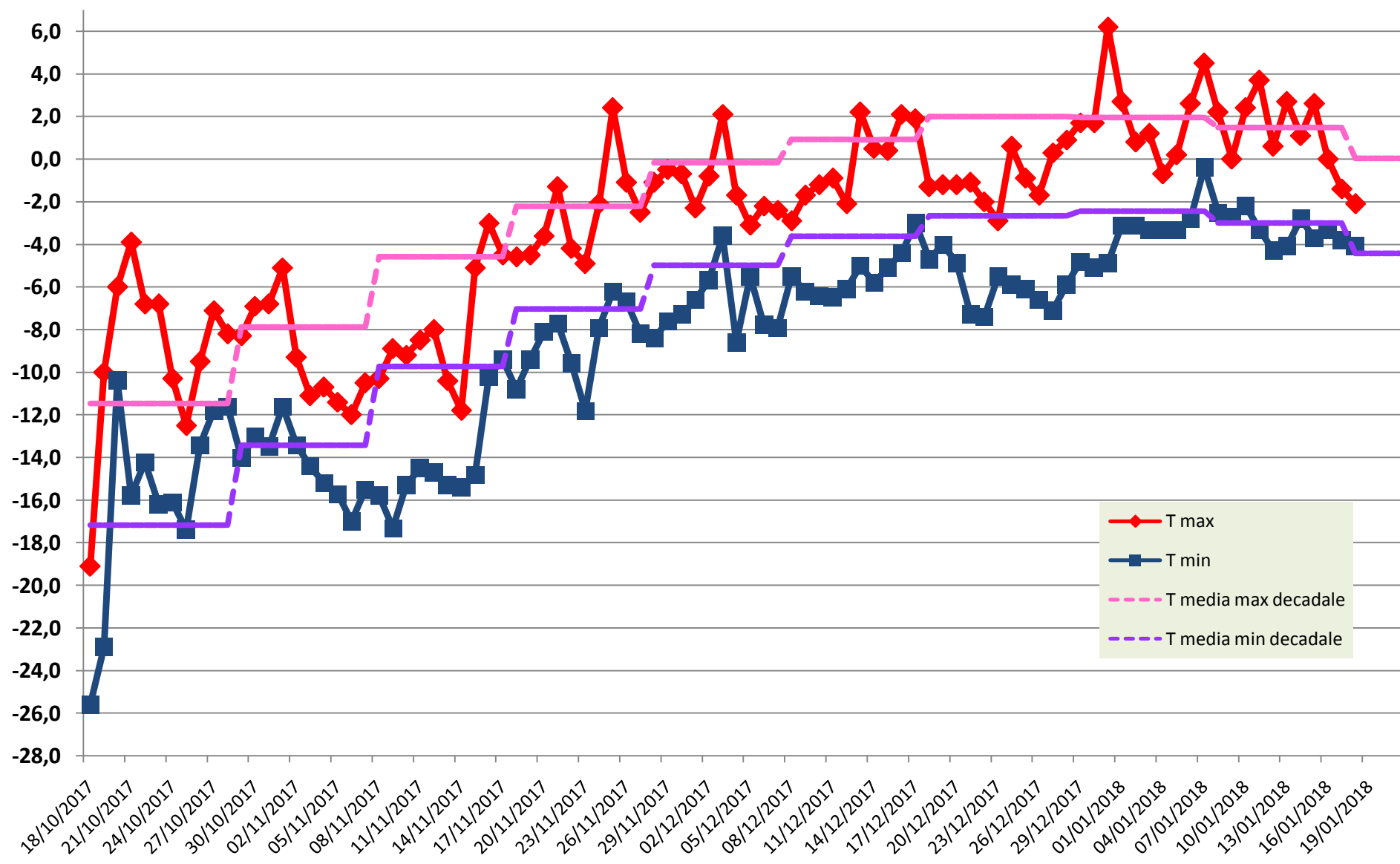
19/01/2018 UTC time (13:00 18/01 - 13:00 19/01)		
MAX temperature	(ore 23:52/L)	-2.1°C
MIN temperature	(ore 09:23/L)	-4.1 °C
MAX humidity	(ore 08:21/L)	99 %
MIN humidity	(ore 04:29/L)	58 %
MAX wind direction/speed	(ore 02:49/L)	276/31.3 KT

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

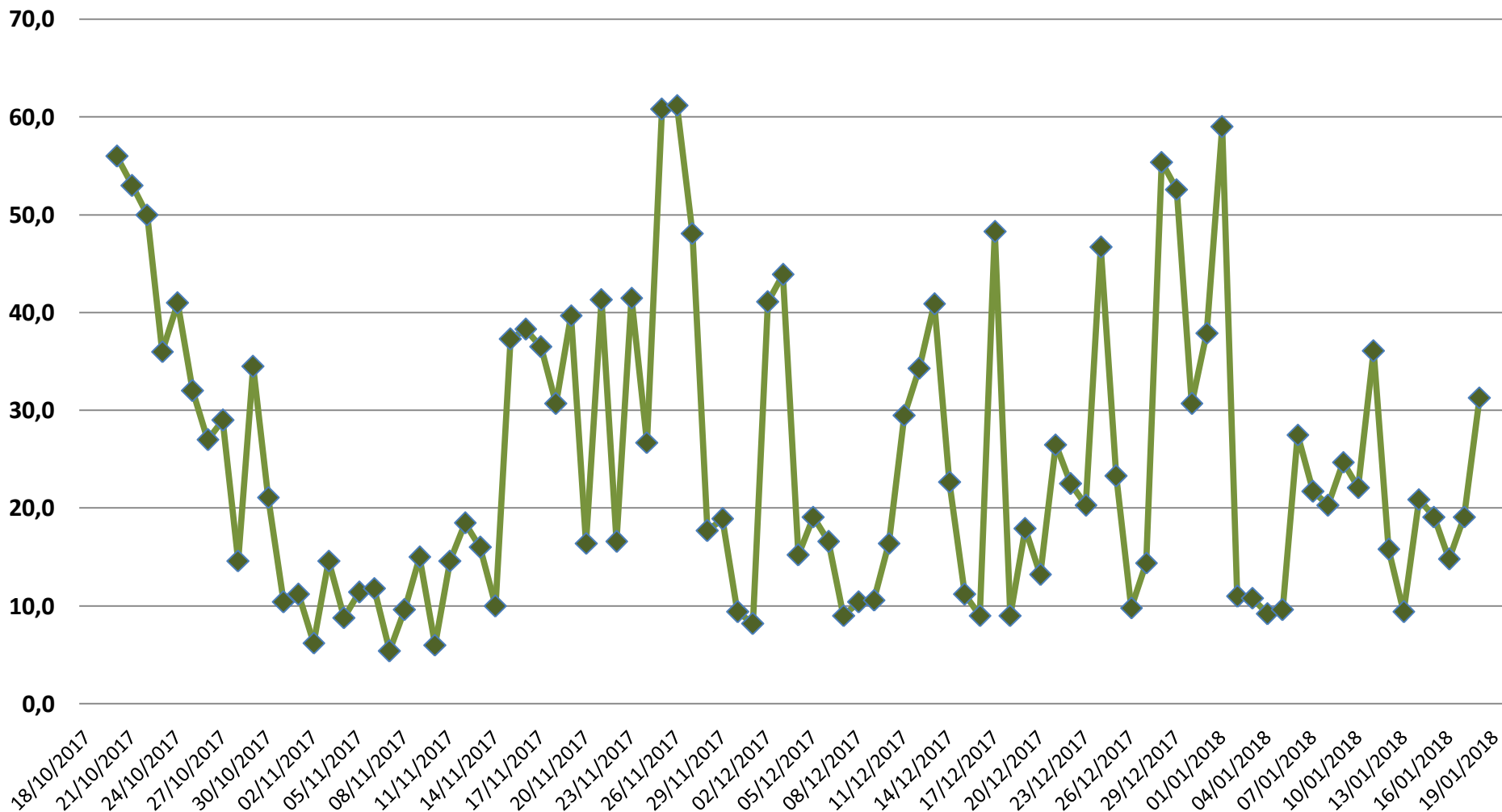
ENEIDE weather station (MZS) - Antarctic Climatology Observatory





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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