



WEATHER

Meteorological observations and forecasts

Wednesday 10/01/2018

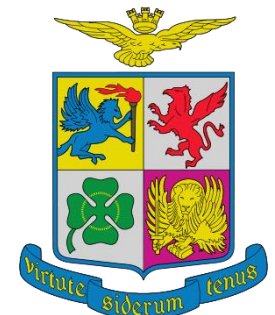
MET Office - "Mario Zucchelli" Base - Terranova Bay

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

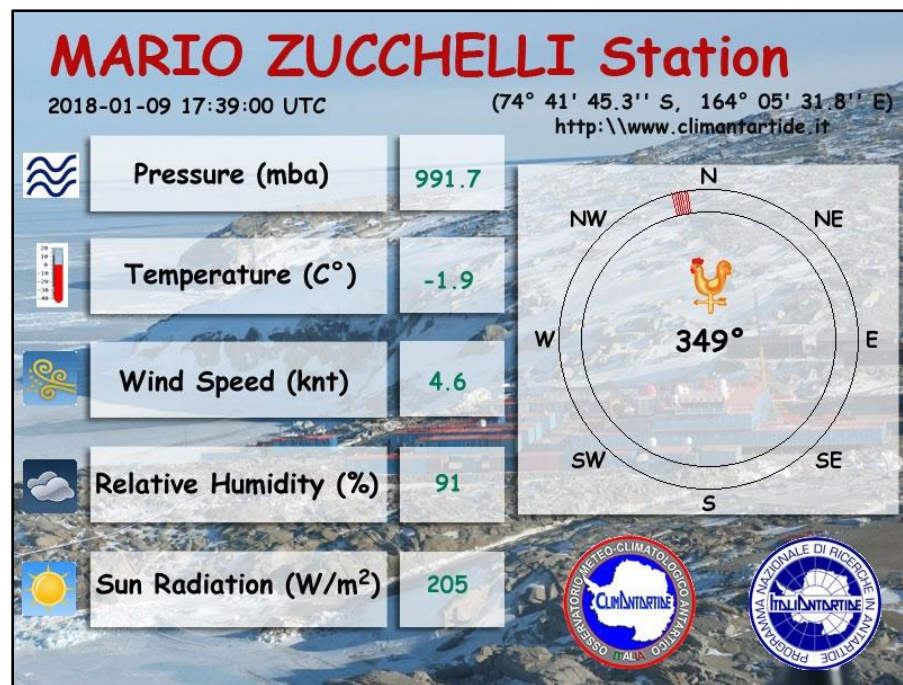
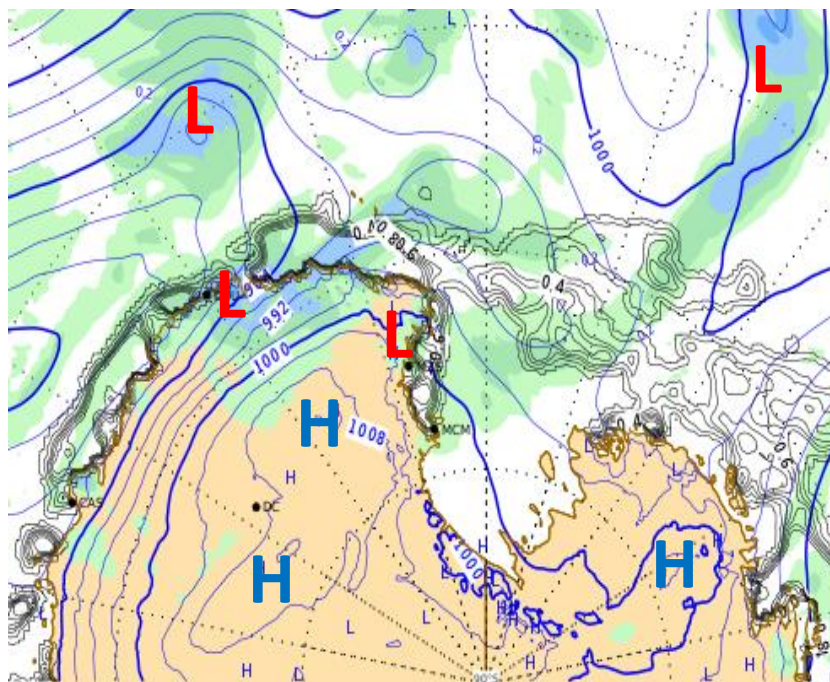
Meteorological observations and forecasts



Wednesday 10/01/2018

Sea Level Pressure + Precipitation at 07:00

Latest Report

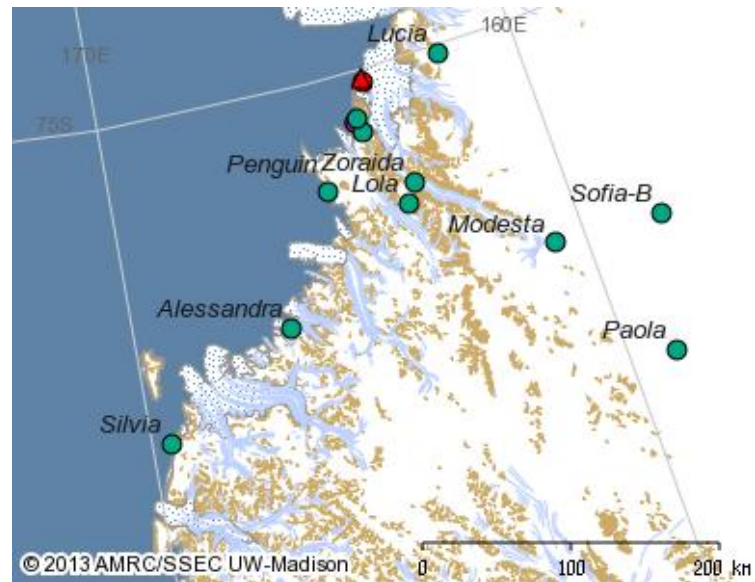
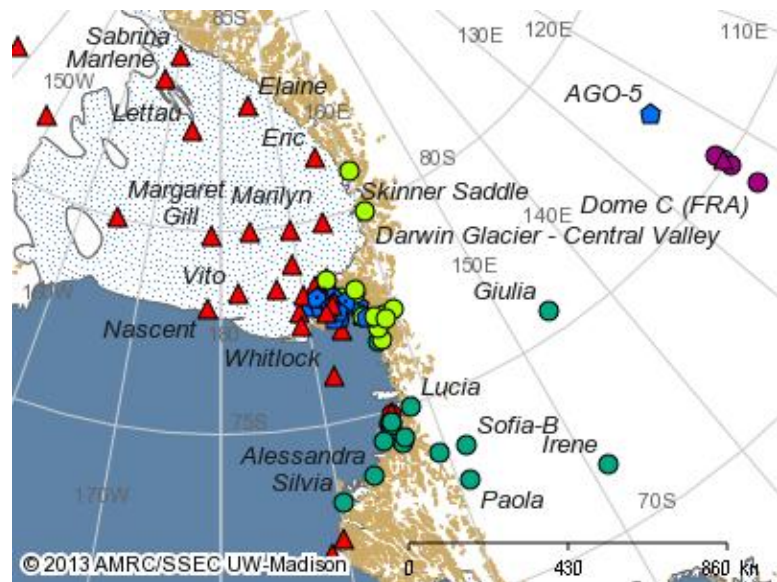


VENTO AREA BOULDER: SSW 10 KT (06:10 loc time recorded)

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	2018-01-09 17:00	240	20	27	-2.1	-2.1	-2.2	92	981.7
Arelis	2018-01-09 17:00	150	1	5	-2.9	-2.6	-3.4	11	983.3
Concordia	2018-01-09 17:00	30	5	7	-23.7	-22.0	-23.8	79	654.7
Eneide	2018-01-09 17:00	220	10	19	-1.2	-1.2	-2.0	85	991.7
Giulia	2018-01-09 17:00	190	3	7	-19.5	-19.1	-19.5	75	728.8
Lola	2018-01-09 17:00	300	1	6	-12.7	-12.7	-13.5	89	814.4
Modesta	2018-01-09 17:00	140	2	9	-15.8	-15.8	-15.9	87	777.4
Paola	2018-01-07 14:00	80	6	7	-21.6	-21.3	-22.2	82	//
Rita	2018-01-09 17:00	230	11	14	-3.5	-3.4	-3.7	99	970.4
Silvia	2018-01-09 17:00	230	32	42	-4.9	-4.7	-5.1	//	929.7
Sofiab	2018-01-09 17:00	200	11	17	-16.7	-16.7	-18.7	72	821.9
Zoraida	2018-01-09 17:00	170	2	3	-6.8	-6.6	-7.2	99	899.7

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



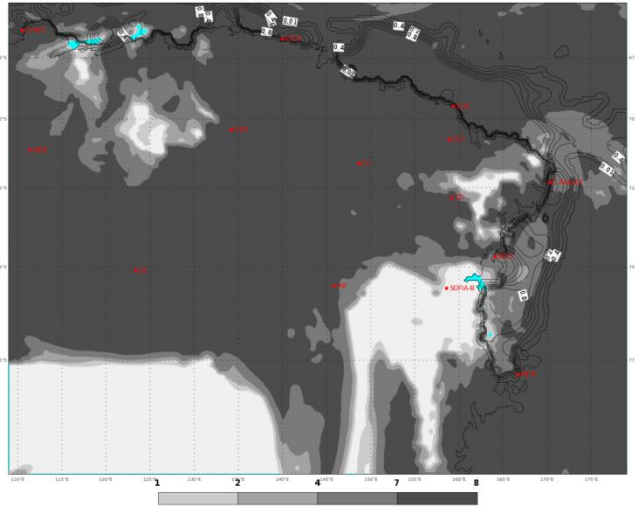
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PREVISIONI - FORECASTS

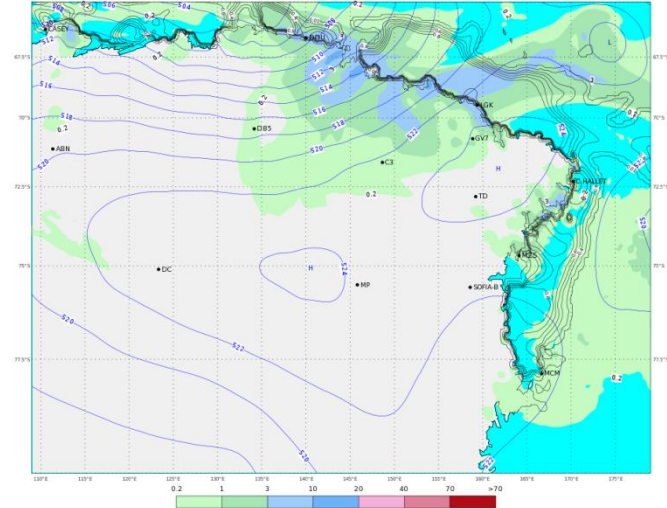
OGGI - ORE 07 LT

TODAY - 07 LT

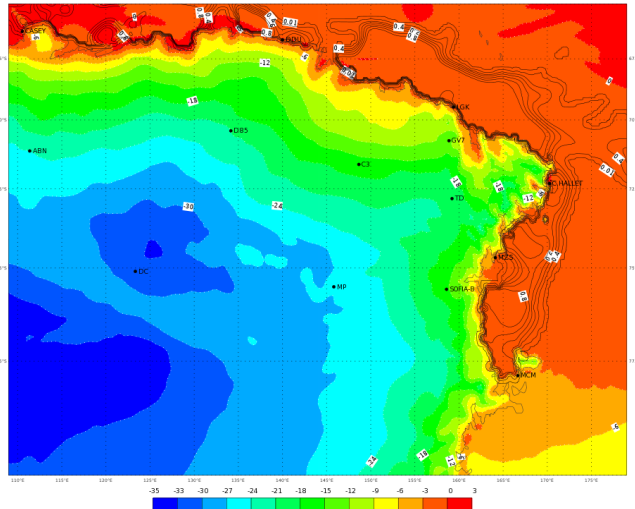
ECMWF 09 Gennaio 2018 00UTC Forecast T+18 VT: Martedì 09 Gennaio 2018 18UTC
Terra Vittoria - Total cloud cover (oct)



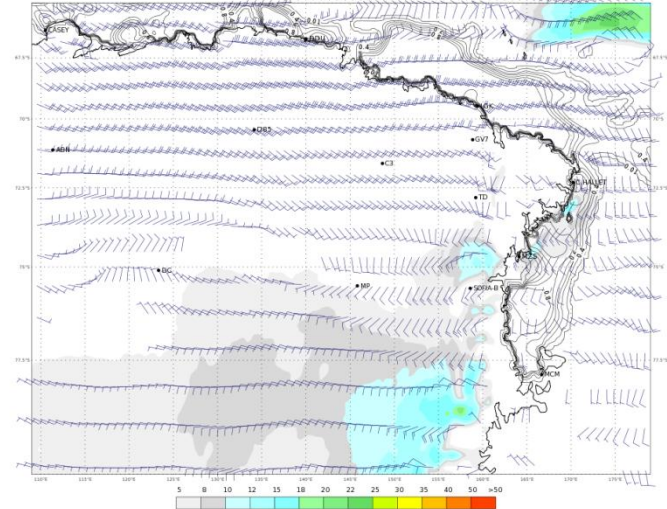
ECMWF 09 Gennaio 2018 00UTC Forecast T+18 VT: Martedì 09 Gennaio 2018 18UTC
Terra Vittoria - Geopotential at 500 hPa + 6h accumulated precipitation (mm)



ECMWF 09 Gennaio 2018 00UTC Forecast T+18 VT: Martedì 09 Gennaio 2018 18UTC
Terra Vittoria - Temperature at 2 m (°C)



ECMWF 09 Gennaio 2018 00UTC Forecast T+18 VT: Martedì 09 Gennaio 2018 18UTC
Terra Vittoria - Wind at 10 m (kts)

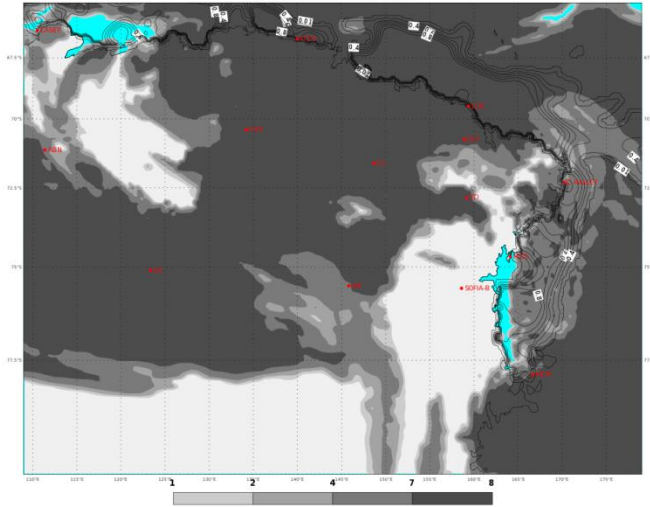


PREVISIONI - FORECASTS

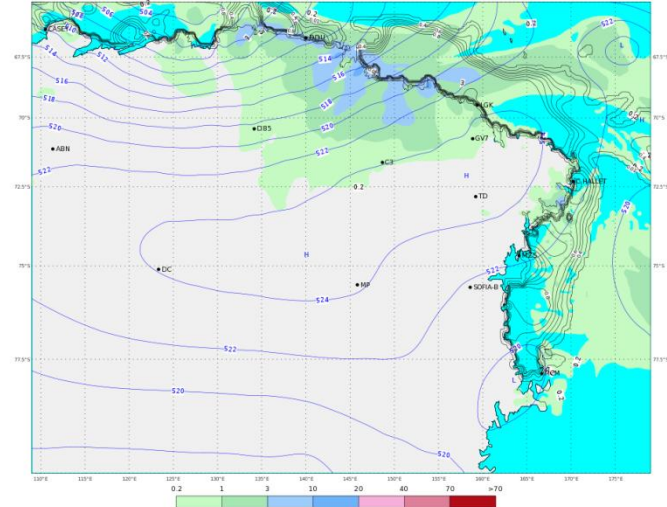
OGGI - ORE 13 LT

TODAY - 13 LT

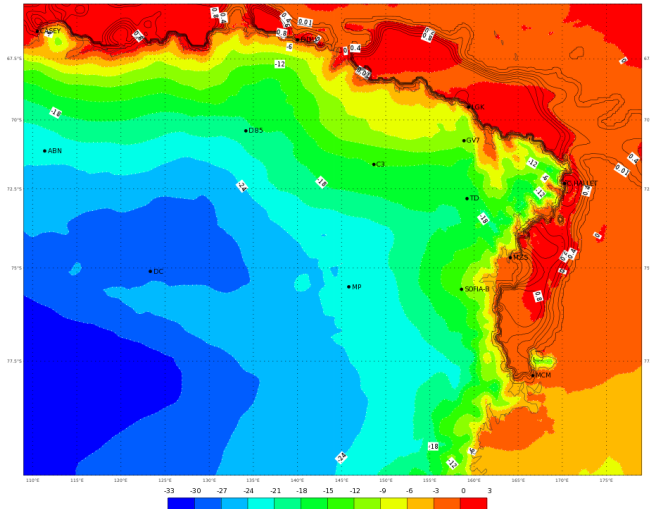
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Terra Vittoria - Total cloud cover (oct)



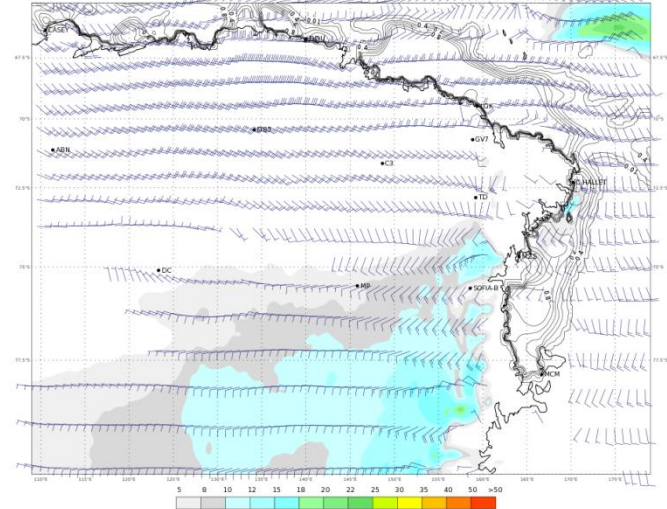
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Terra Vittoria - Geopotential at 500 hPa + 6h accumulated precipitation (mm)



ECMWF 09 Gennaio 2018 00UTC Forecast T+24 VT: Mercoledì 10 Gennaio 2018 00UTC
Terra Vittoria - temperature at 2 m (°C)



ECMWF 09 Gennaio 2018 00UTC Forecast T+24 VT: Mercoledì 10 Gennaio 2018 00UTC
Terra Vittoria - Wind at 10 m (kts)

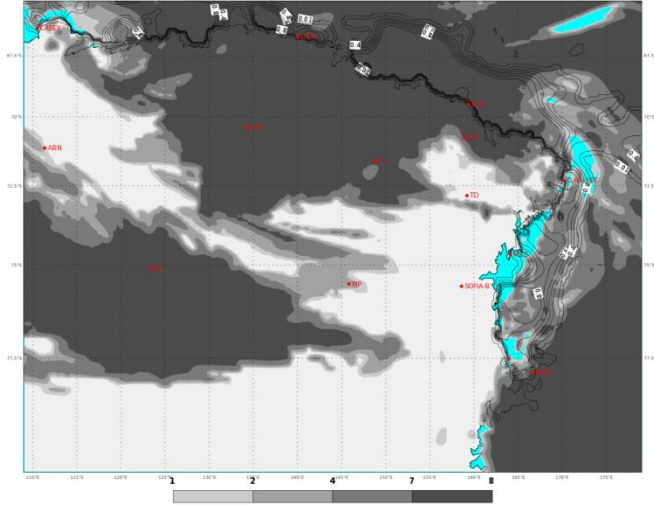


PREVISIONI - FORECASTS

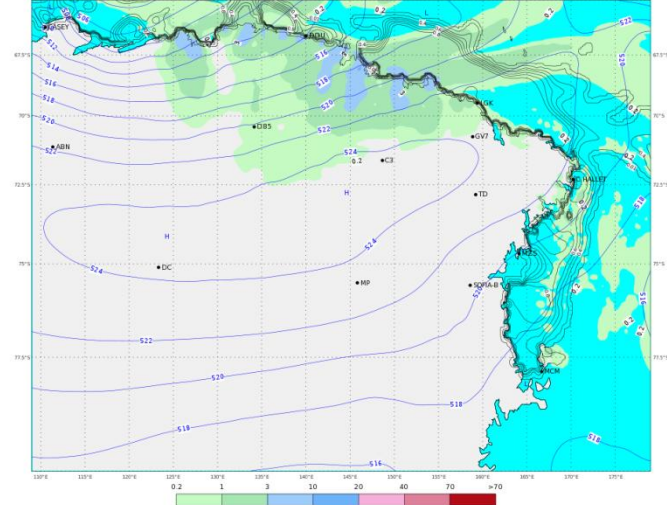
OGGI - ORE 19 LT

TODAY - 19 LT

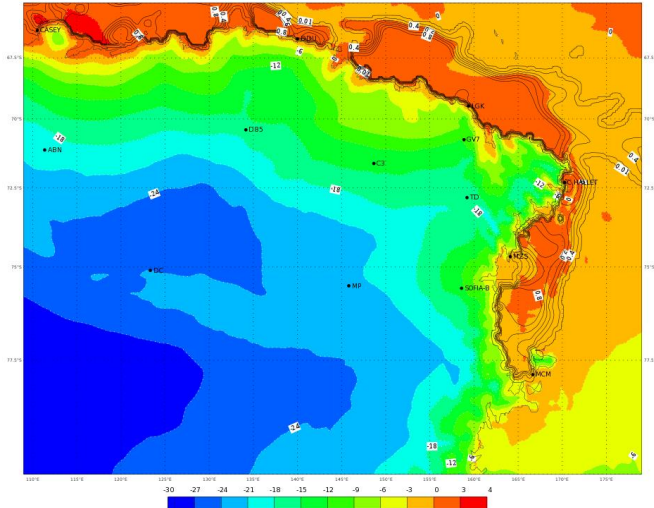
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Terra Vittoria - Total cloud cover (oct)



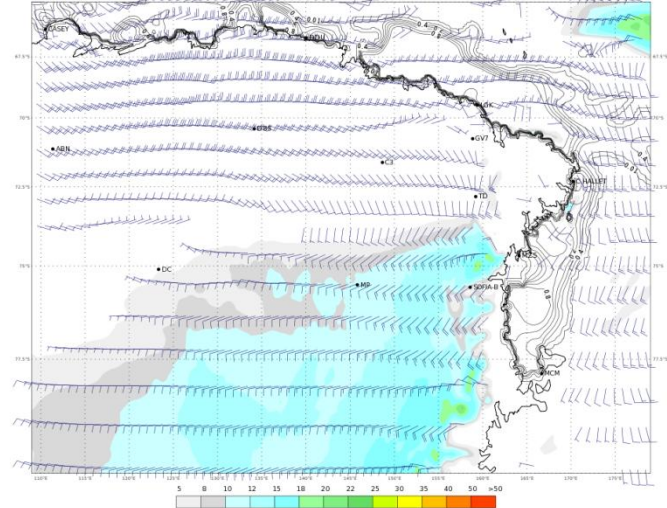
ECMWF 09 Gennaio 2018 00UTC Forecast T+30 VT: Mercoledì 10 Gennaio 2018 06UTC
Terra Vittoria - Geopotential at 500 hPa + 6h accumulated precipitation (mm)



ECMWF 09 Gennaio 2018 00UTC Forecast T+30 VT: Mercoledì 10 Gennaio 2018 06UTC
Terra Vittoria - temperature at 2 m (°C)






ECMWF 09 Gennaio 2018 00UTC Forecast T+30 VT: Mercoledì 10 Gennaio 2018 06UTC
Terra Vittoria - Wind at 10 m (kts)



WEATHER FORECAST FOR TODAY AT TERRA NOVA BAY

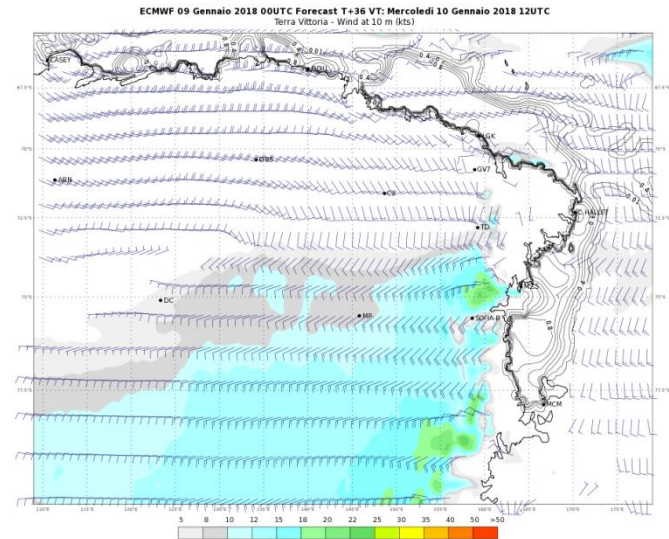
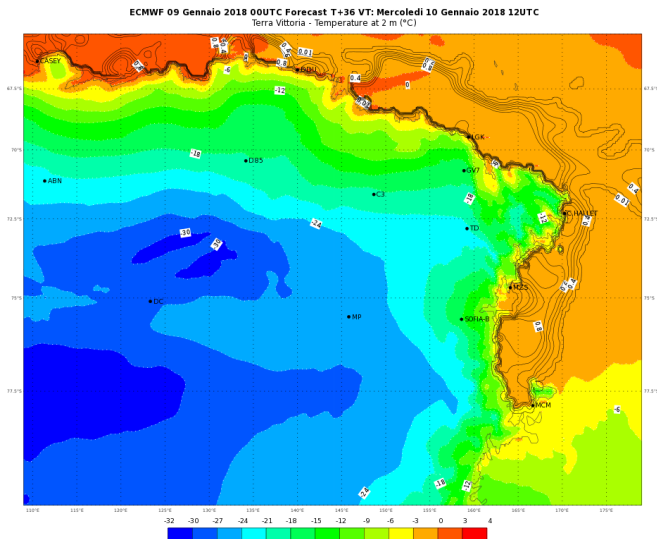
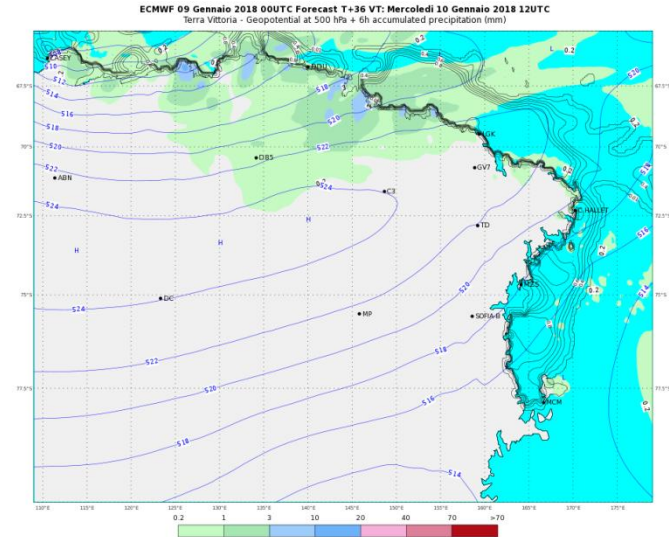
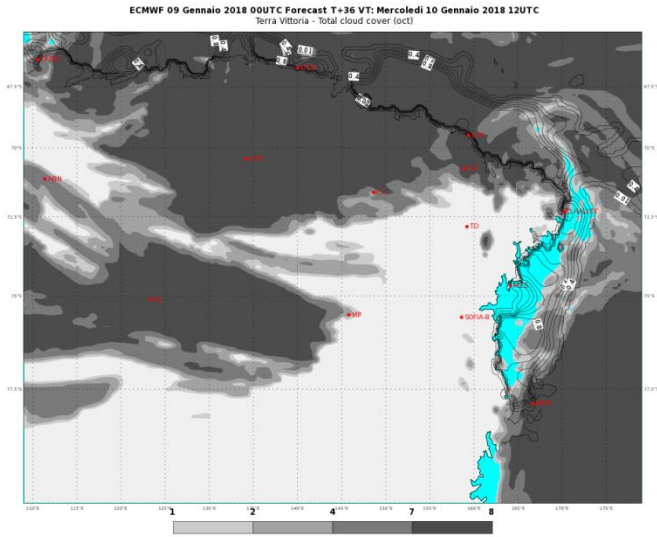
Wednesday 10/01/2018

	ORE 07	ORE 13	ORE 19
CIELO			
FENOMENI	NIL	NIL	NIL
VENTO MZS	SW 05/10 KT	VRB 05 KT	SW 05/10 KT
VENTO BOULDER	SW 10/15 KT	VRB 07 KT	SW 10/15 KT
TEMPERATURA [°C]	-03/-01 °C	-02/00 °C	-02/00 °C
WIND CHILL [°C]	-09/-06 °C	-06/-03 °C	-07/-04 °C
AVVISI	NIL	NIL	NIL

PREVISIONI - FORECASTS

DOMANI - ORE 01 LT

TOMORROW - 01 LT

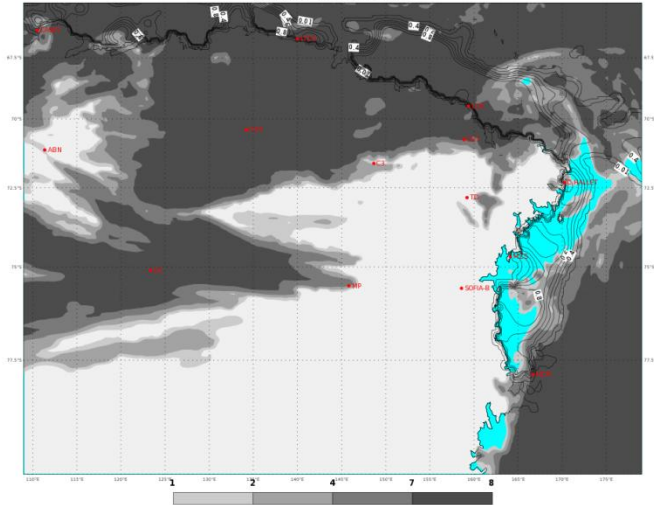


PREVISIONI - FORECASTS

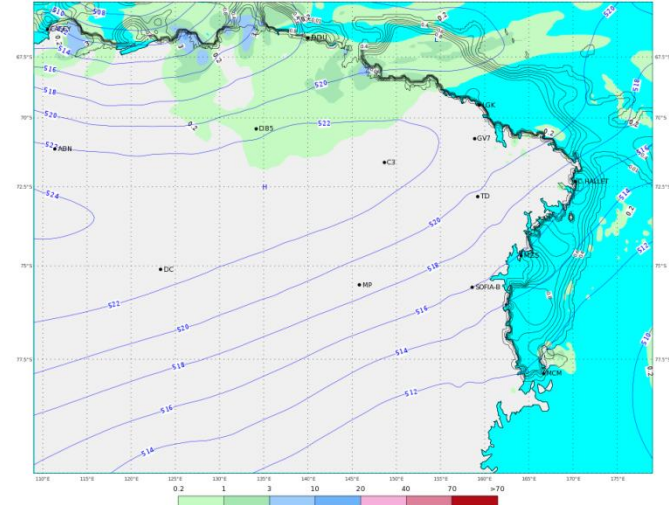
DOMANI - ORE 07 LT

TOMORROW - 07 LT

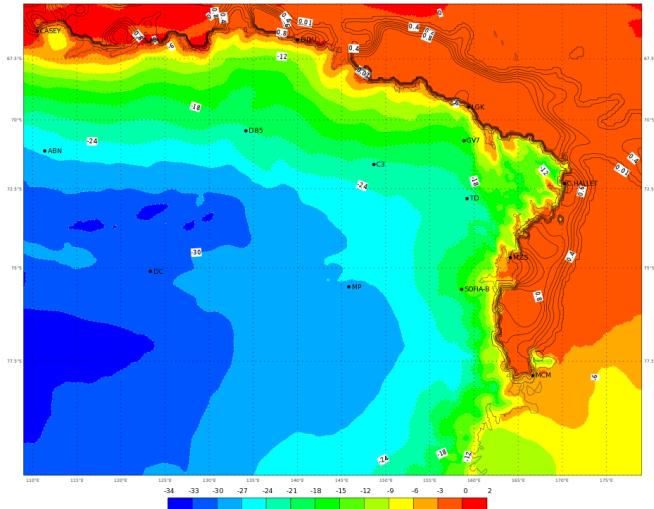
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Terra Vittoria - Total cloud cover (oct)



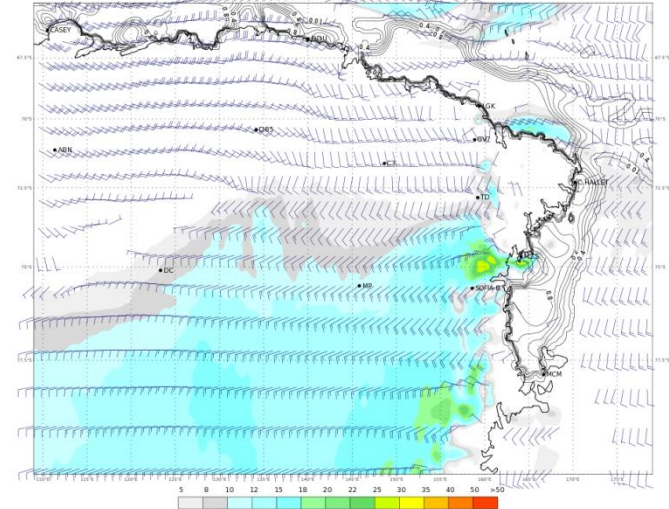
ECMWF 09 Gennaio 2018 00UTC Forecast T+42 VT: Mercoledì 10 Gennaio 2018 18UTC
Terra Vittoria - Geopotential at 500 hPa + 6h accumulated precipitation (mm)



ECMWF 09 Gennaio 2018 00UTC Forecast T+42 VT: Mercoledì 10 Gennaio 2018 18UTC
Terra Vittoria - Temperature at 2 m (°C)



ECMWF 09 Gennaio 2018 00UTC Forecast T+42 VT: Mercoledì 10 Gennaio 2018 18UTC
Terra Vittoria - Wind at 10 m (kts)

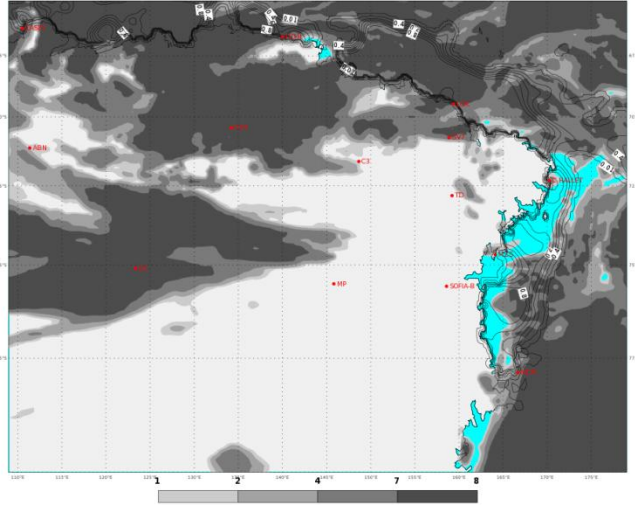


PREVISIONI - FORECASTS

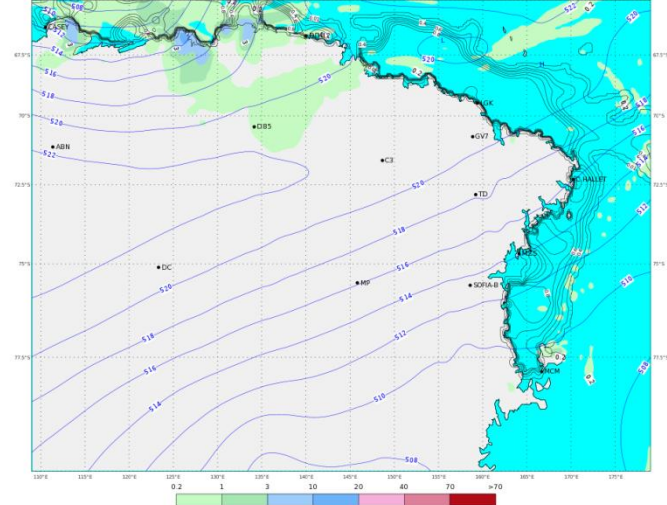
DOMANI - ORE 13 LT

TOMORROW - 13 LT

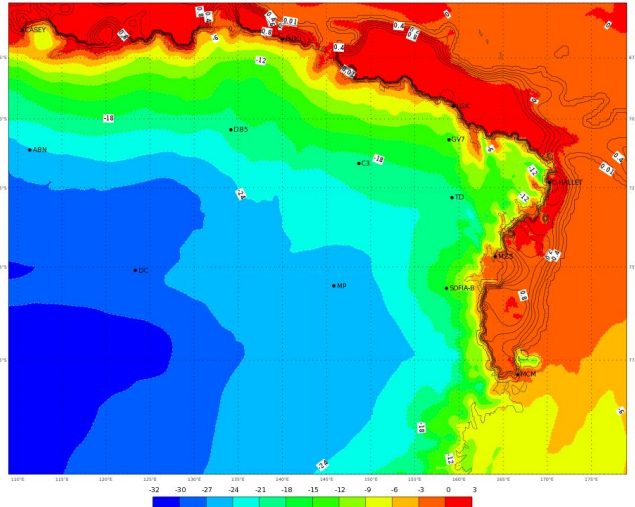
ECMWF 09 Gennaio 2018 00UTC Forecast T+48 VT: Giovedì 11 Gennaio 2018 00UTC
Terra Vittoria - Total cloud cover (oct)



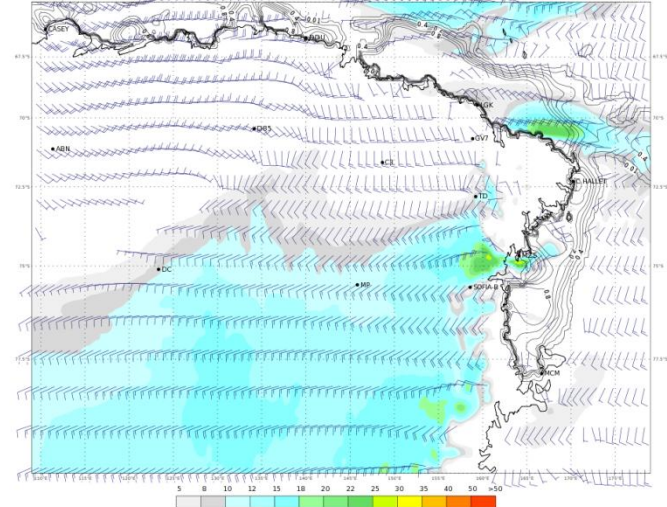
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Terra Vittoria - Geopotential at 500 hPa + 6h accumulated precipitation (mm)



ECMWF 09 Gennaio 2018 00UTC Forecast T+48 VT: Giovedì 11 Gennaio 2018 00UTC
Terra Vittoria - Temperature at 2 m (°C)



ECMWF 09 Gennaio 2018 00UTC Forecast T+48 VT: Giovedì 11 Gennaio 2018 00UTC
Terra Vittoria - Wind at 10 m (kts)

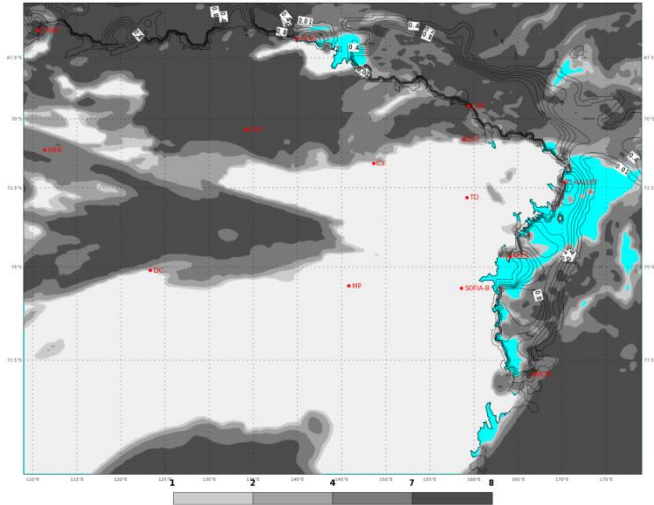


PREVISIONI - FORECASTS

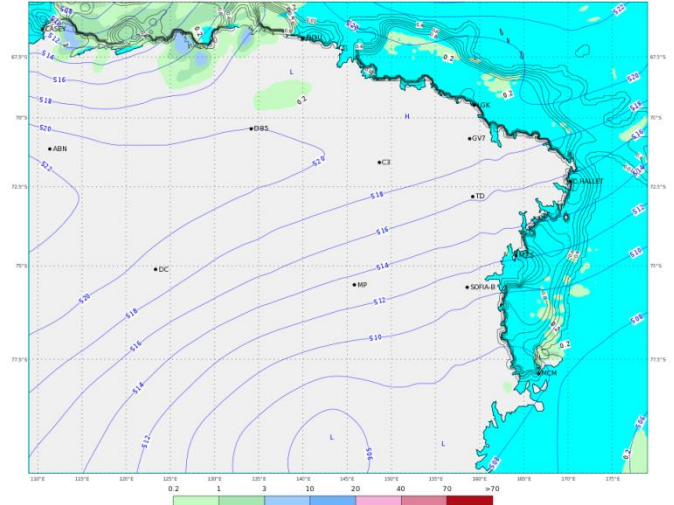
DOMANI - ORE 19 LT

TOMORROW - 19 LT

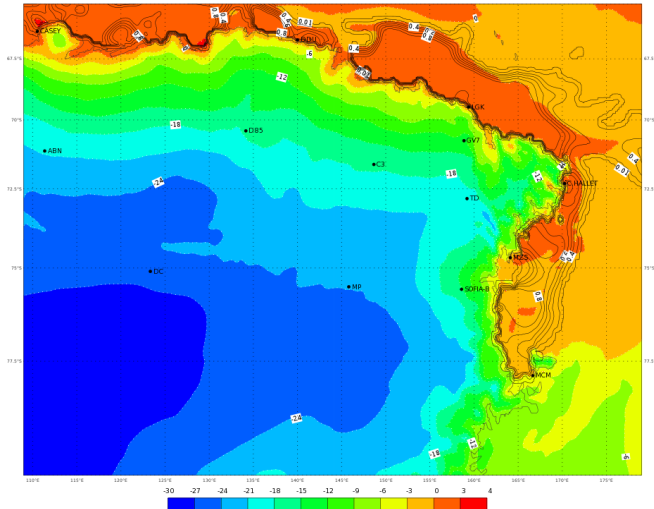
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Terra Vittoria - Total cloud cover (oct)



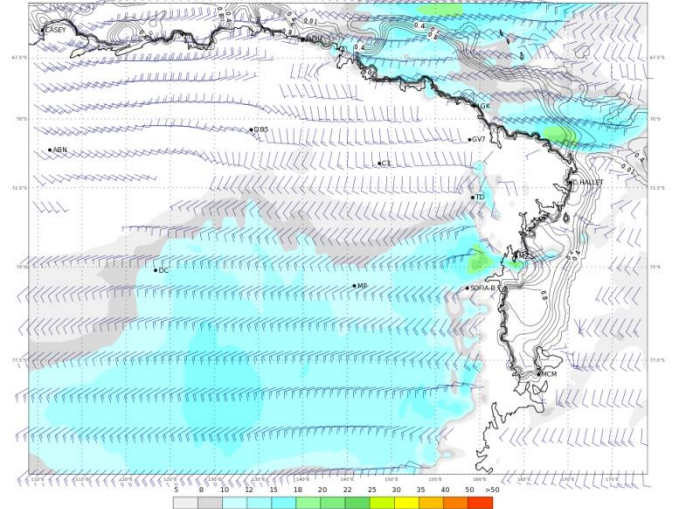
ECMWF 09 Gennaio 2018 00UTC Forecast T+54 VT: Giovedì 11 Gennaio 2018 06UTC
Terra Vittoria - Geopotential at 500 hPa + 6h accumulated precipitation (mm)



ECMWF 09 Gennaio 2018 00UTC Forecast T+54 VT: Giovedì 11 Gennaio 2018 06UTC
Terra Vittoria - Temperature at 2 m (°C)






ECMWF 09 Gennaio 2018 00UTC Forecast T+54 VT: Giovedì 11 Gennaio 2018 06UTC
Terra Vittoria - Wind at 10 m (kts)



WEATHER FORECAST FOR TOMORROW AT TERRA NOVA BAY

Thursday 11/01/2018



	ORE 07	ORE 13	ORE 19
CIELO			
FENOMENI	DEBOLE CATABATICO	DEBOLE CATABATICO	DEBOLE CATABATICO
VENTO MZS	WNW 25/40 KT	WSW 25/35 KT	WSW 20/30 KT
VENTO BOULDER	WNW 30/50 KT	WSW 30/45 KT	WSW 25/35 KT
TEMPERATURA [°C]	-02/00 °C	-02/00 °C	-02/00 °C
WIND CHILL [°C]	-13/-10 °C	-12/-09 °C	-11/-08 °C
AVVISI	NIL	NIL	NIL

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

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WEATHER TENDENCY AT TERRA NOVA BAY

Friday 12/01/2018

	MATTINO	POMERIGGIO
CIELO		
FENOMENI	DEBOLE CATABATICO	NIL
VENTO MZS	WSW 25/35 KT	WNW 15/25 KT
VENTO BOULDER	WSW 30/40 KT	WNW 20/30 KT
TEMPERATURA [°C]	-05/-03 °C	-04/-02 °C
WIND CHILL [°C]	-16/-13 °C	-14/-11 °C
AVVISI	NIL	NIL



Extreme Values of Yesterday



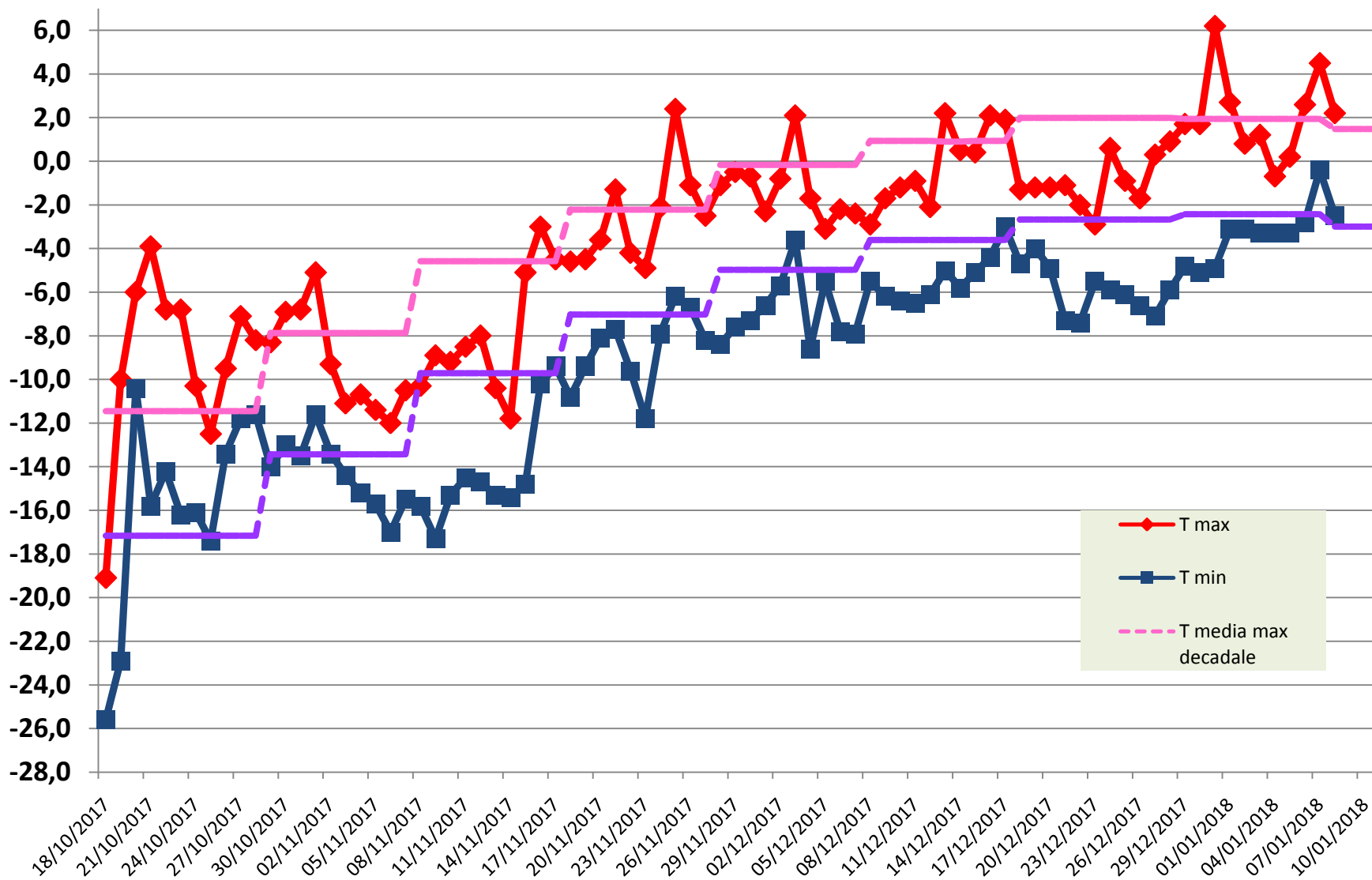
09/01/2018 UTC time (13:00 08/01 - 13:00 09/01)		
MAX temperature	(ore 00:22/L)	2.2°C
MIN temperature	(ore 20:17/L)	-2.5 °C
MAX humidity	(ore 23:55/L)	98 %
MIN humidity	(ore 00:24/L)	40 %
MAX wind direction/speed	(ore 18:33/L)	276/20.3 KT

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

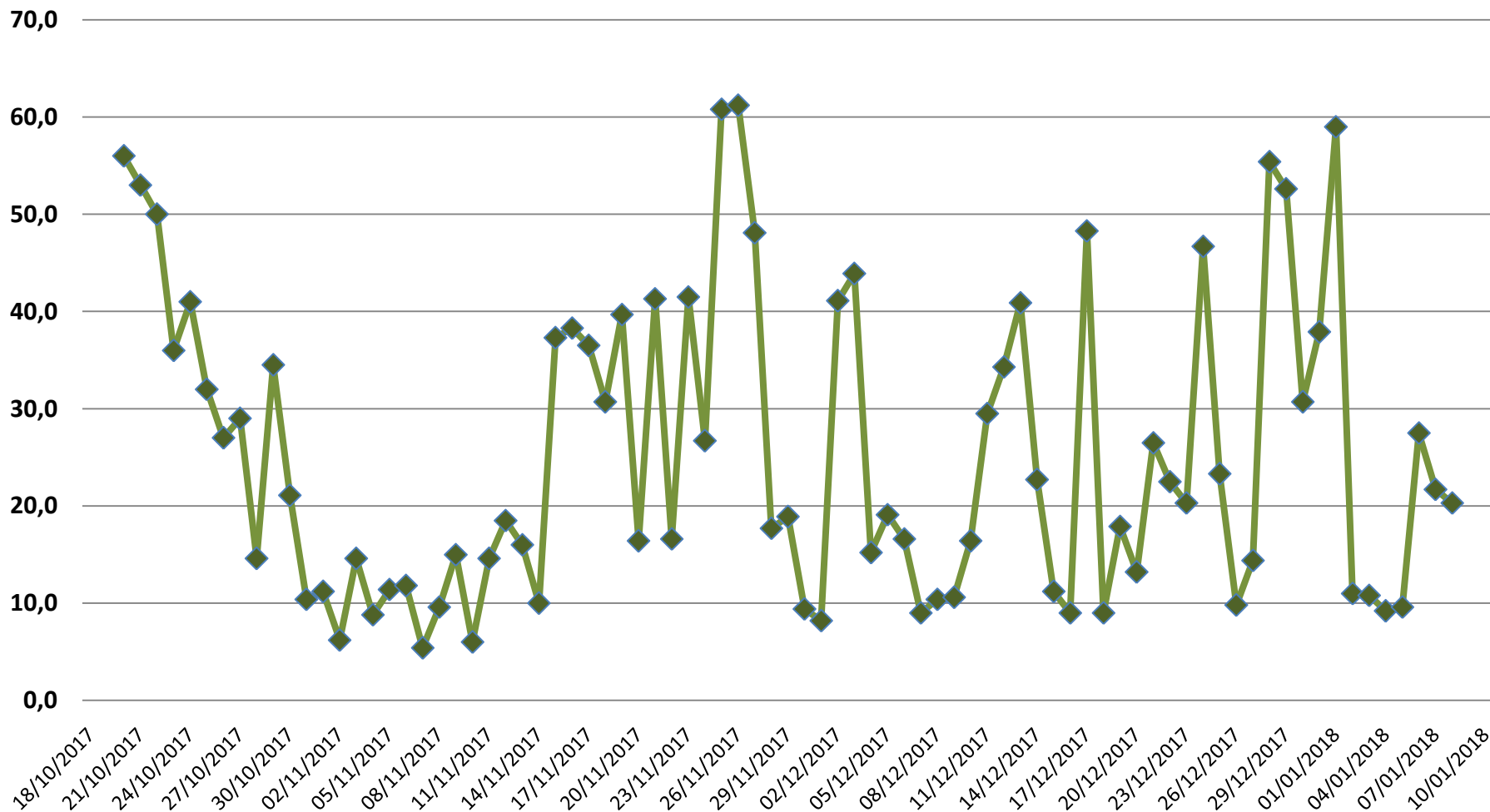
ENEIDE weather station (MZS) - Antarctic Climatology Observatory





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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