



WEATHER

Meteorological observations and forecasts

Friday 09/02/2018

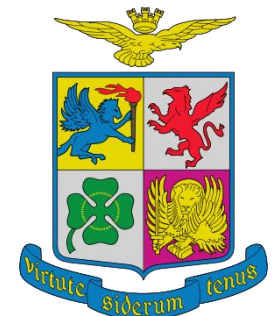
MET Office - "Mario Zucchelli" Base - Terranova Bay

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

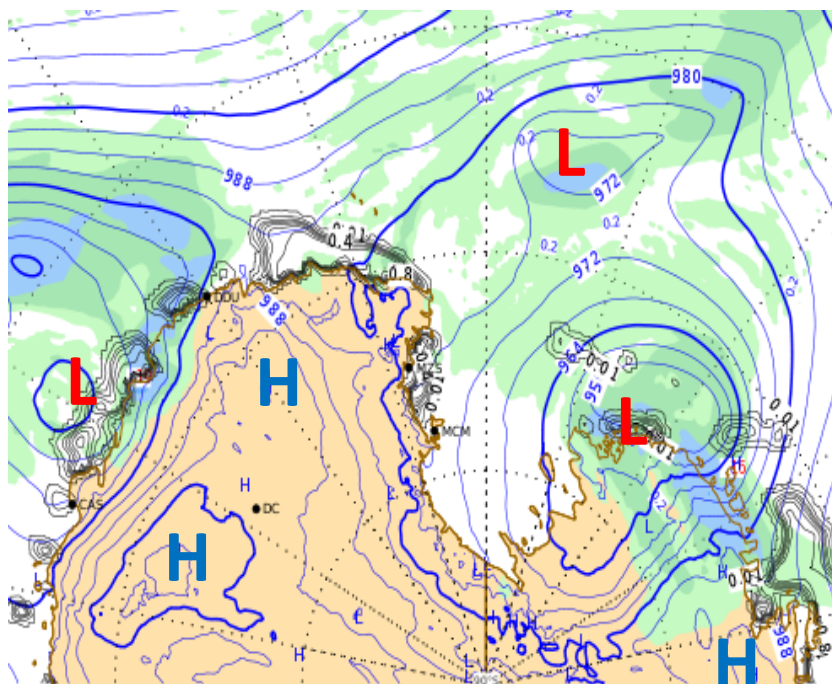
Meteorological observations and forecasts



Friday 09/02/2018

Sea Level Pressure + Precipitation at 07:00

Latest Report



MARIO ZUCHELLI Station

2018-02-08 16:56:00 UTC (74° 41' 45.3" S, 164° 05' 31.8" E)
<http://www.climantartide.it>

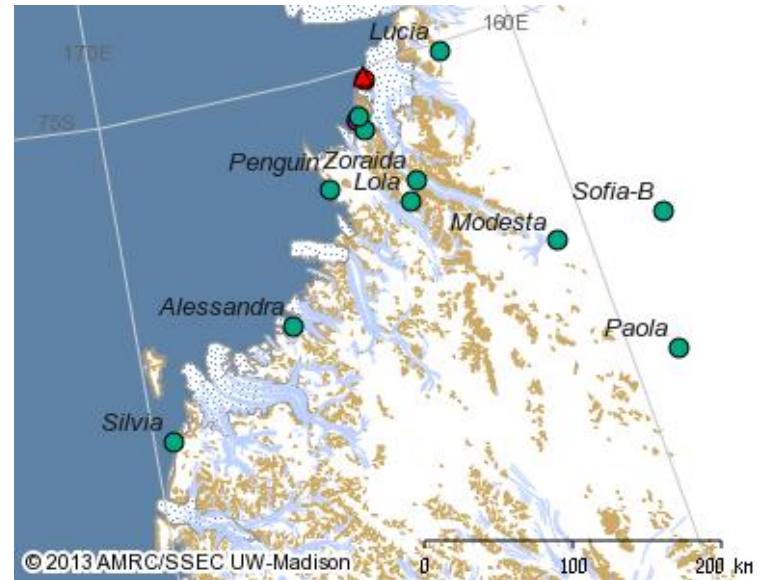
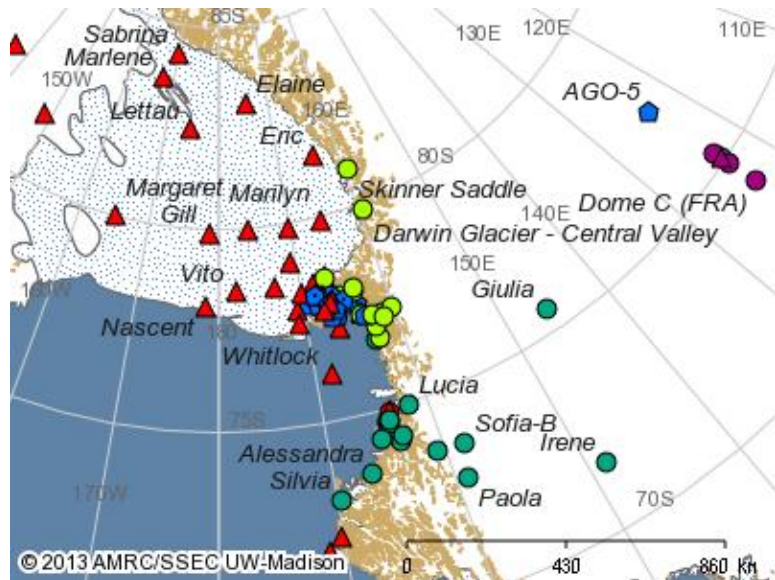
	Pressure (mba)	965.8
	Temperature (C°)	-8.0
	Wind Speed (knt)	27.9
	Relative Humidity (%)	39
	Sun Radiation (W/m ²)	40

VENTO AREA BOULDER: WNW 32 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	2018-02-08 16:00	110	1	3	-8.7	-8.0	-8.8	52	958.8
Arelis	2018-02-08 16:00	240	1	11	-5.6	-5.0	-6.1	11	957.2
Concordia	2018-02-08 16:00	180	8	10	-47.1	-44.5	-47.1	56	636.6
Eneide	2018-02-08 16:00	270	30	37	-8.0	-7.6	-8.2	39	965.8
Giulia	2018-02-08 16:00	220	8	9	-44.3	-43.6	-44.3	58	704.2
Lola	2018-02-08 16:00	0	0	5	-22.0	-21.5	-22.6	66	790.8
Modesta	2018-02-08 16:00	320	9	11	-29.8	-28.6	-30.3	74	754.9
Paola	2018-02-08 16:00	30	3	4	-36.3	-35.5	-37.2	66	//
Rita	2018-02-08 16:00	270	38	46	-11.4	-10.8	-11.5	57	942.7
Silvia	2018-02-08 16:00	0	0	2	-11.6	-11.5	-11.7	//	914.6
Sofiab	2018-02-08 16:00	230	9	9	-19.4	-18.6	-19.4	79	798.2
Zoraida	2018-02-08 16:00	300	20	25	-16.3	-16.1	-17.3	55	874.8

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



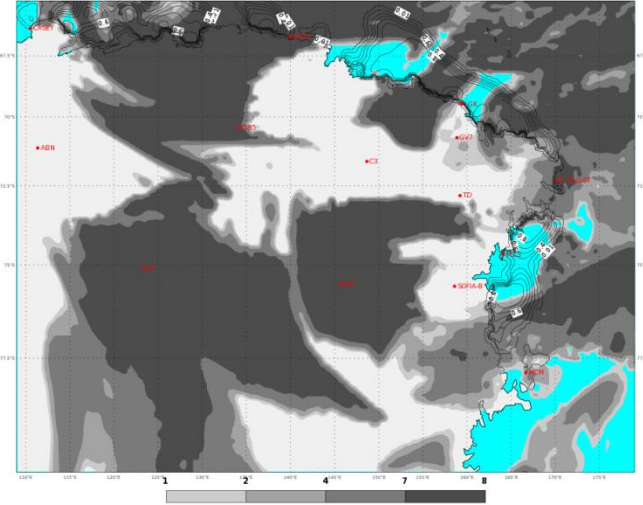
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PREVISIONI - FORECASTS

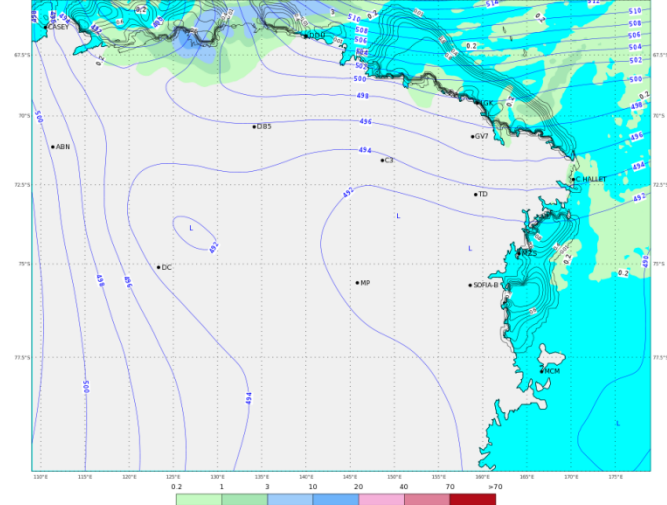
OGGI - ORE 07 LT

TODAY - 07 LT

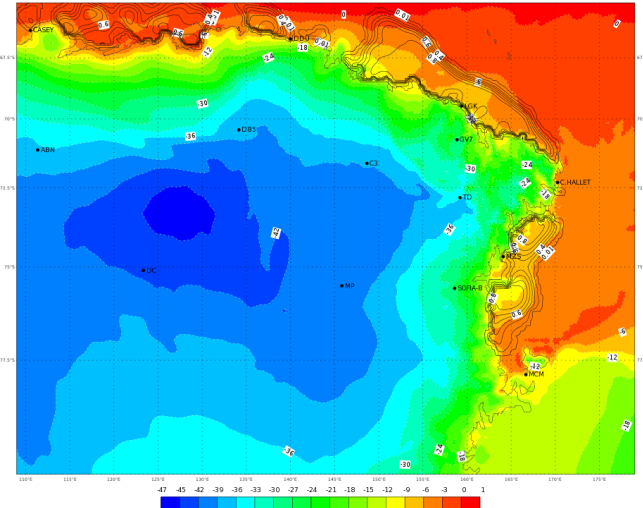
ECMWF 08 Febbraio 2018 00UTC Forecast T+18 VT: Giovedì 08 Febbraio 2018 18UTC
Terra Vittoria - Total cloud cover (oct)



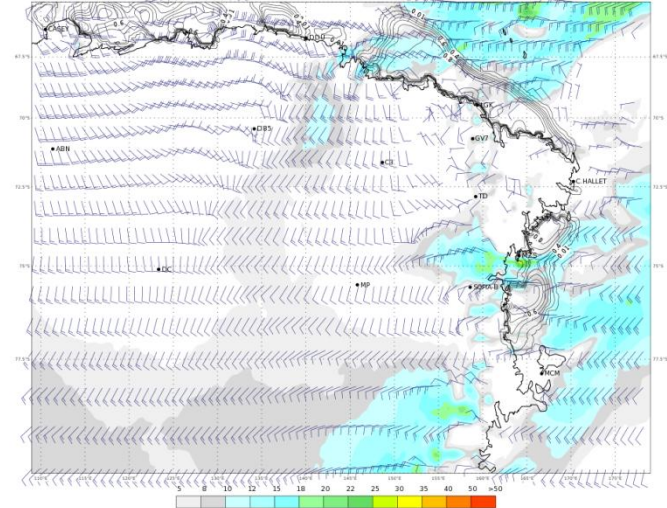
ECMWF 08 Febbraio 2018 00UTC Forecast T+18 VT: Giovedì 08 Febbraio 2018 18UTC
Terra Vittoria - Geopotential at 500 hPa + 6h accumulated precipitation (mm)



ECMWF 08 Febbraio 2018 00UTC Forecast T+18 VT: Giovedì 08 Febbraio 2018 18UTC
Terra Vittoria - Temperature at 2 m (°C)



ECMWF 08 Febbraio 2018 00UTC Forecast T+18 VT: Giovedì 08 Febbraio 2018 18UTC
Terra Vittoria - Wind at 10 m (kts)

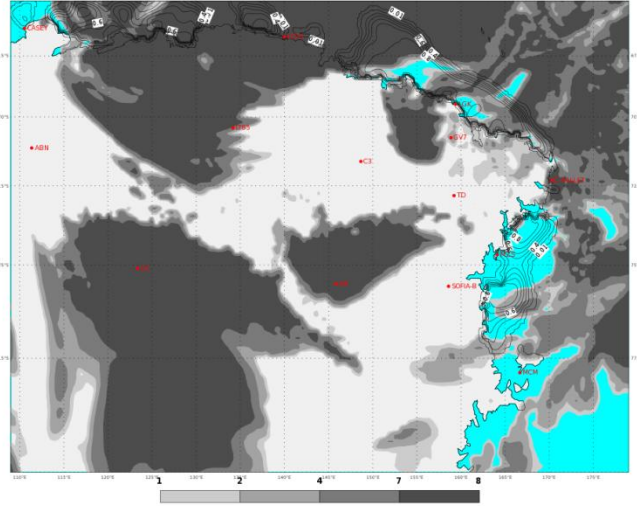


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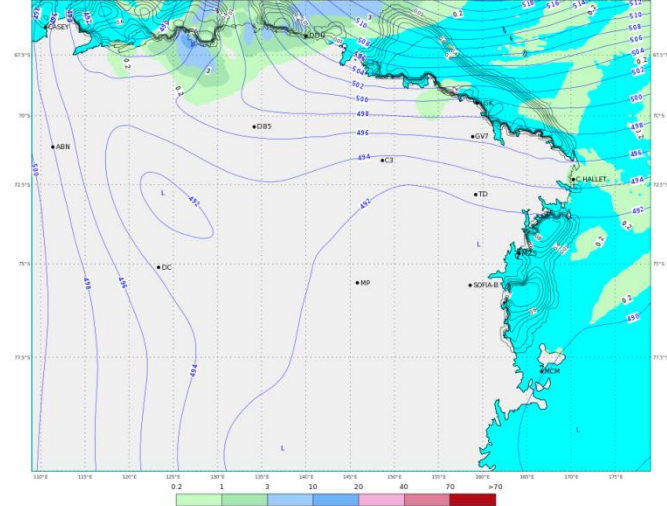
OGGI - ORE 13 LT

TODAY - 13 LT

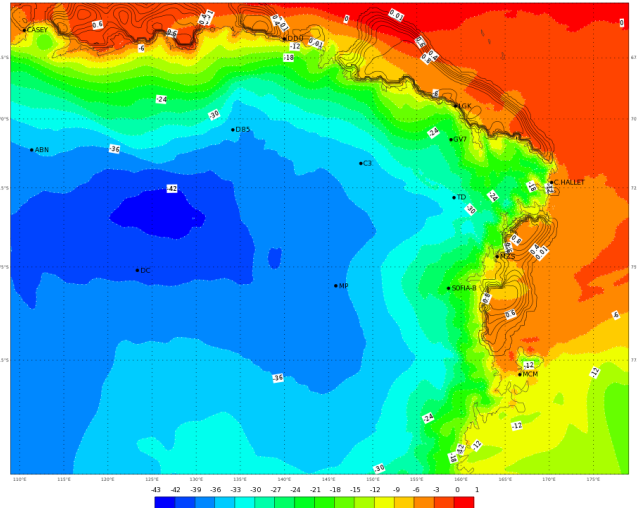
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Terra Vittoria - Total cloud cover (oct)



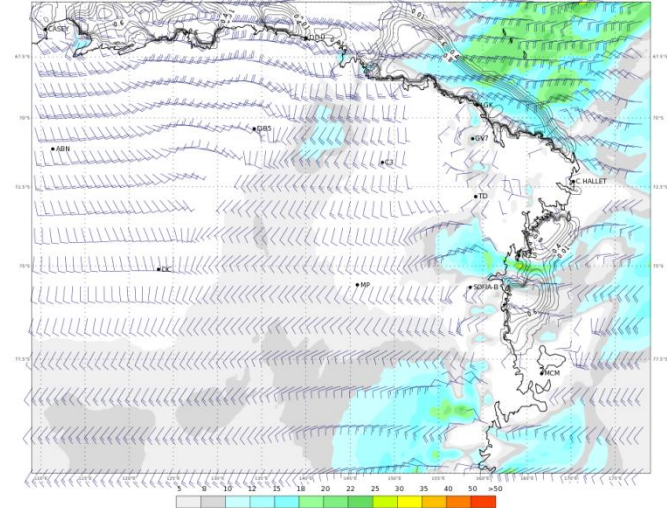
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Terra Vittoria - Geopotential at 500 hPa + 6h accumulated precipitation (mm)



ECMWF 08 Febbraio 2018 00UTC Forecast T+24 VT: Venerdì 09 Febbraio 2018 00UTC
Terra Vittoria - Temperature at 2 m (°C)



ECMWF 08 Febbraio 2018 00UTC Forecast T+24 VT: Venerdì 09 Febbraio 2018 00UTC
Terra Vittoria - Wind at 10 m (kts)

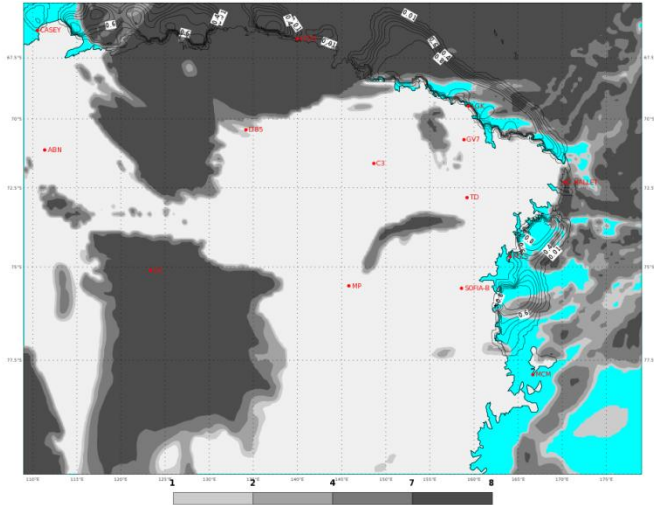


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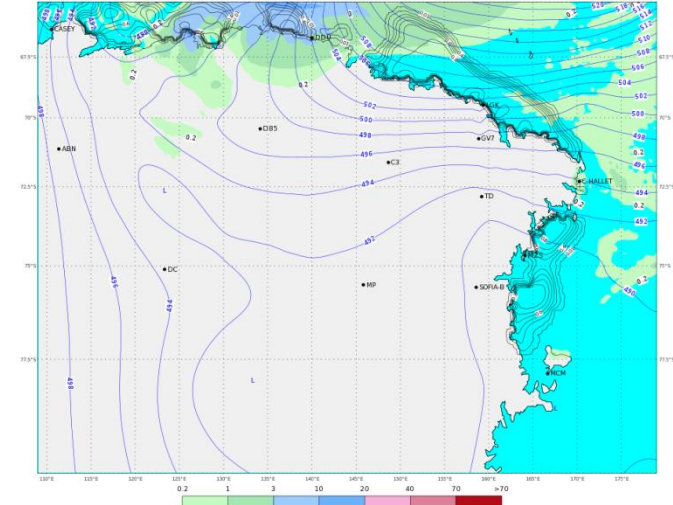
OGGI - ORE 19 LT

TODAY - 19 LT

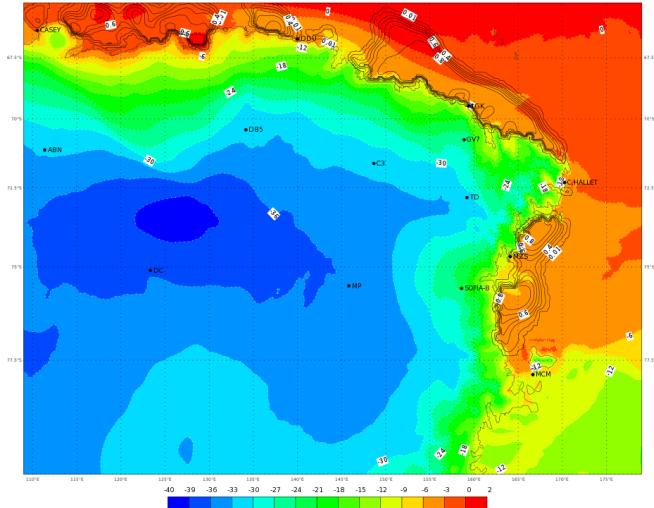
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Terra Vittoria - Total cloud cover (oct)



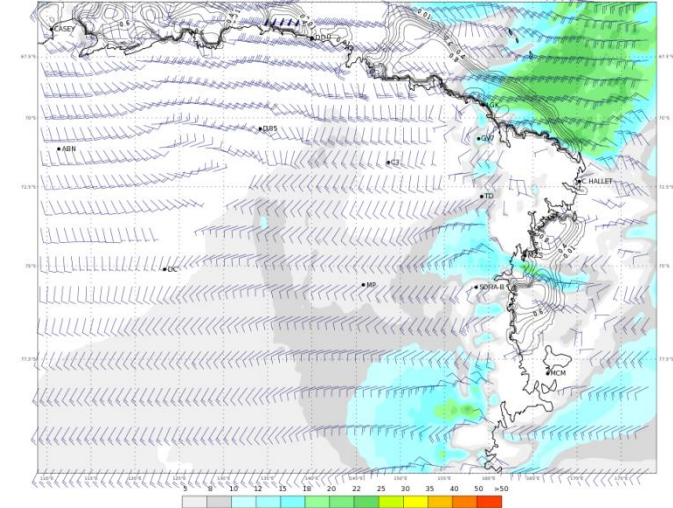
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Terra Vittoria - Geopotential at 500 hPa + 6h accumulated precipitation (mm)



ECMWF 08 Febbraio 2018 00UTC Forecast T+30 VT: Venerdì 09 Febbraio 2018 06UTC
Terra Vittoria - Temperature at 2 m (°C)






ECMWF 08 Febbraio 2018 00UTC Forecast T+30 VT: Venerdì 09 Febbraio 2018 06UTC
Terra Vittoria - Wind at 10 m (kts)



WEATHER FORECAST FOR TODAY AT TERRA NOVA BAY

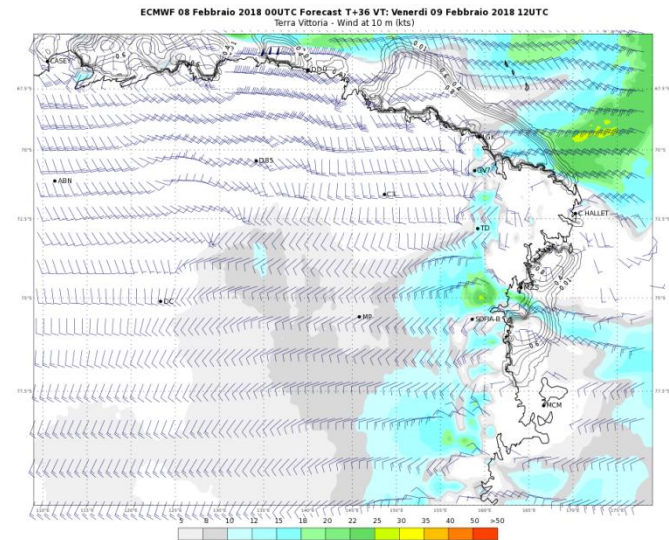
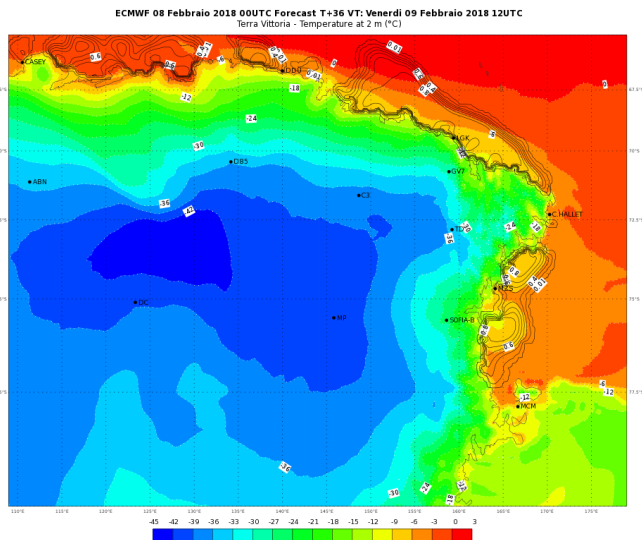
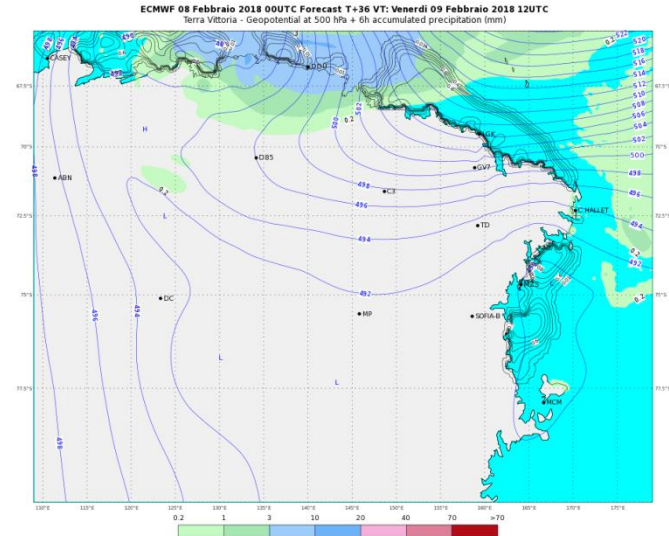
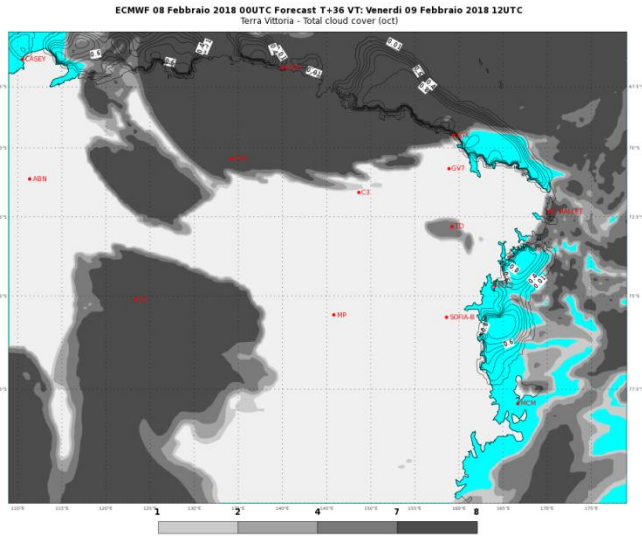
Friday 09/02/2018

	ORE 07	ORE 13	ORE 19
CIELO			
FENOMENI	NIL	NIL	NIL
VENTO MZS	WSW 20/30 KT	WNW 15/25 KT	WNW 15/25 KT
VENTO BOULDER	WSW 25/35 KT	WNW 20/30 KT	WNW 20/30 KT
TEMPERATURA [°C]	-10/-08 °C	-09/-07 °C	-08/-06 °C
WIND CHILL [°C]	-23/-20 °C	-21/-18 °C	-20/-17 °C
STATO DEL MARE	POCO MOSSO O MOSSO	POCO MOSSO O MOSSO	POCO MOSSO O MOSSO

PREVISIONI - FORECASTS

DOMANI - ORE 01 LT

TOMORROW - 01 LT

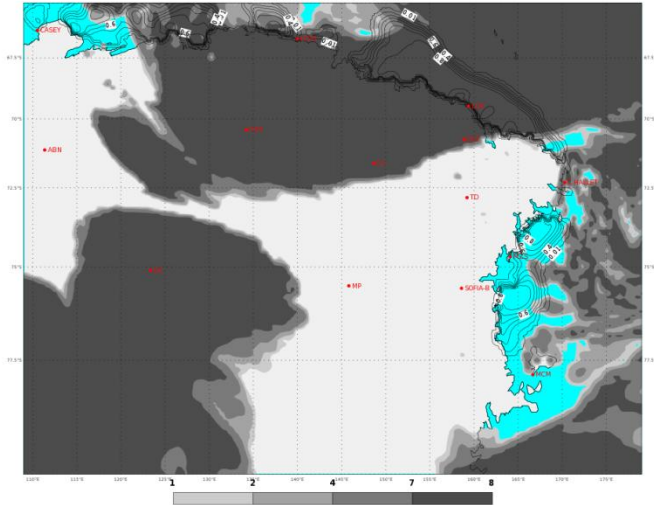


PREVISIONI - FORECASTS

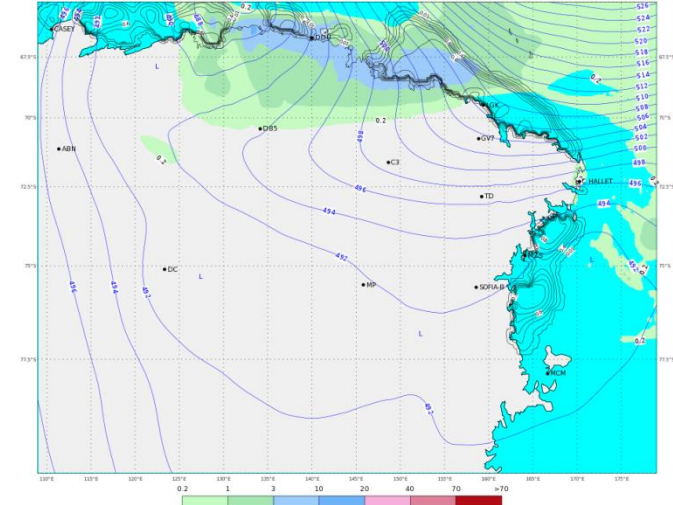
DOMANI - ORE 07 LT

TOMORROW - 07 LT

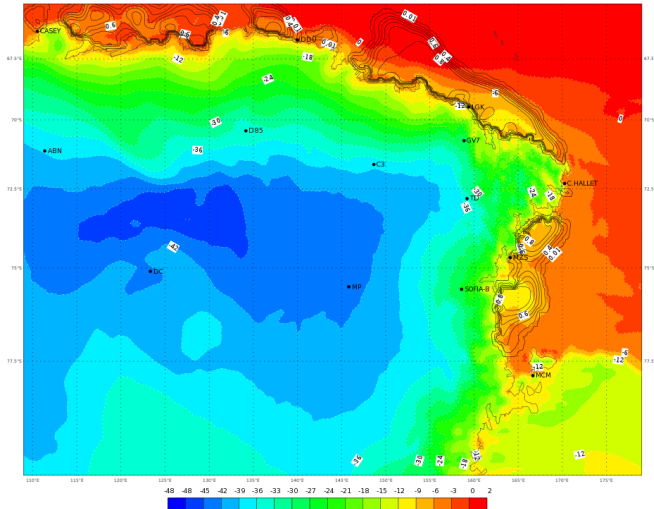
ECMWF 08 Febbraio 2018 00UTC Forecast T+42 VT: Venerdì 09 Febbraio 2018 18UTC
Terra Vittoria - Total cloud cover (oct)



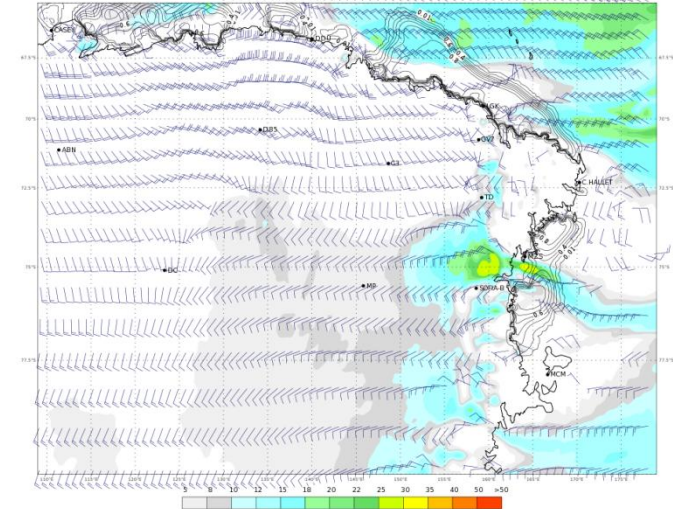
ECMWF 08 Febbraio 2018 00UTC Forecast T+42 VT: Venerdì 09 Febbraio 2018 18UTC
Terra Vittoria - Geopotential at 500 hPa + 6h accumulated precipitation (mm)



ECMWF 08 Febbraio 2018 00UTC Forecast T+42 VT: Venerdì 09 Febbraio 2018 18UTC
Terra Vittoria - Temperature at 2 m (°C)



ECMWF 08 Febbraio 2018 00UTC Forecast T+42 VT: Venerdì 09 Febbraio 2018 18UTC
Terra Vittoria - Wind at 10 m (kts)

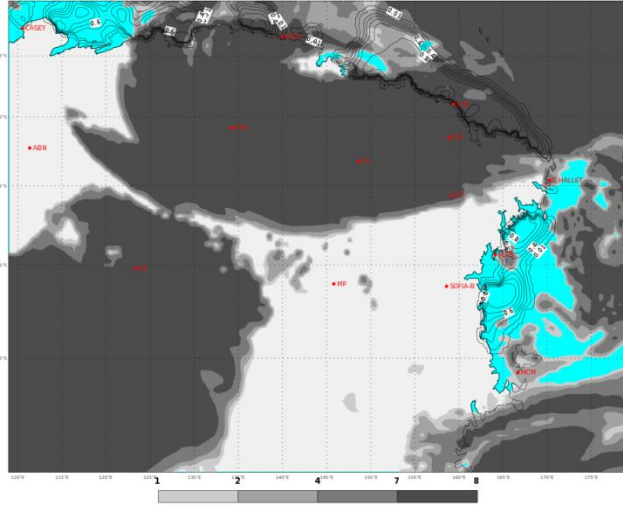


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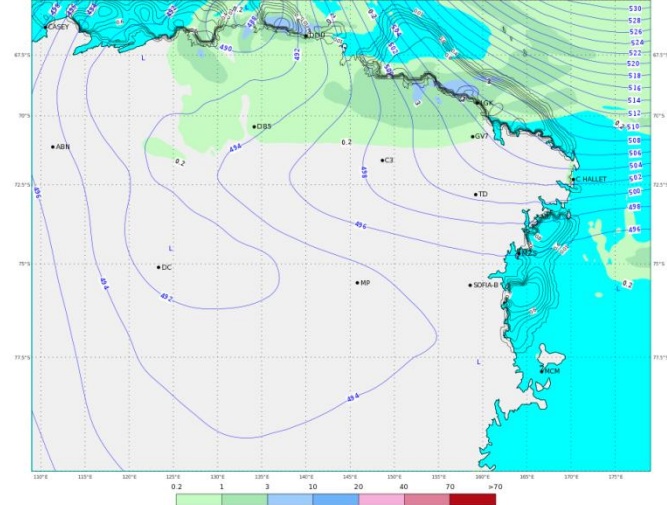
DOMANI - ORE 13 LT

TOMORROW - 13 LT

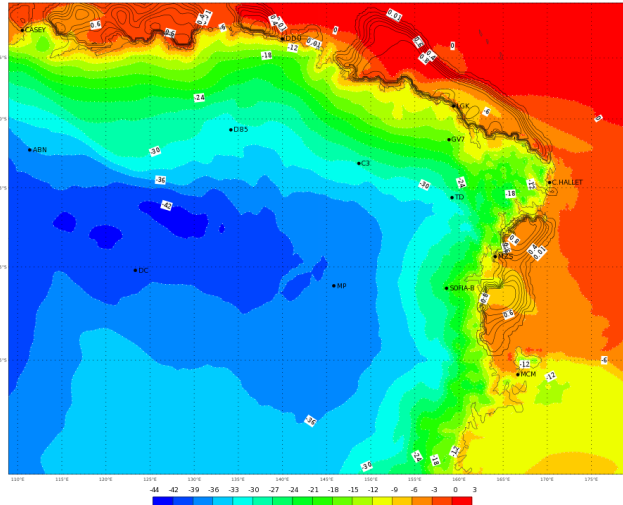
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Terra Vittoria - Total cloud cover (oct)



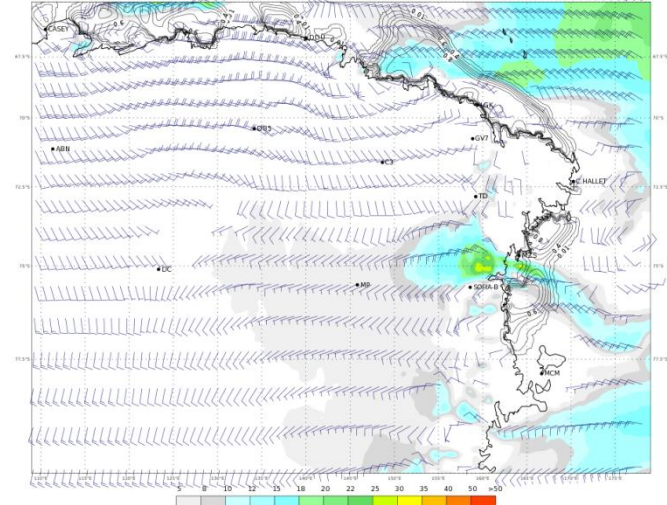
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Terra Vittoria - Geopotential at 500 hPa + 6h accumulated precipitation (mm)



ECMWF 08 Febbraio 2018 00UTC Forecast T+48 VT: Sabato 10 Febbraio 2018 00UTC
Terra Vittoria - Temperature at 2 m (°C)



ECMWF 08 Febbraio 2018 00UTC Forecast T+48 VT: Sabato 10 Febbraio 2018 00UTC
Terra Vittoria - Wind at 10 m (kts)

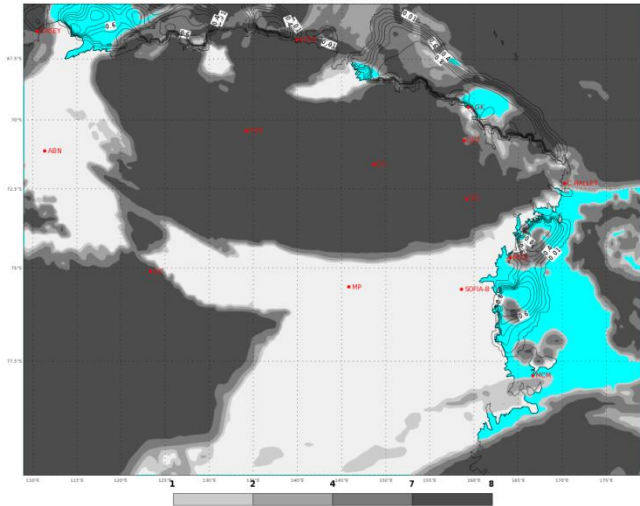


PREVISIONI - FORECASTS

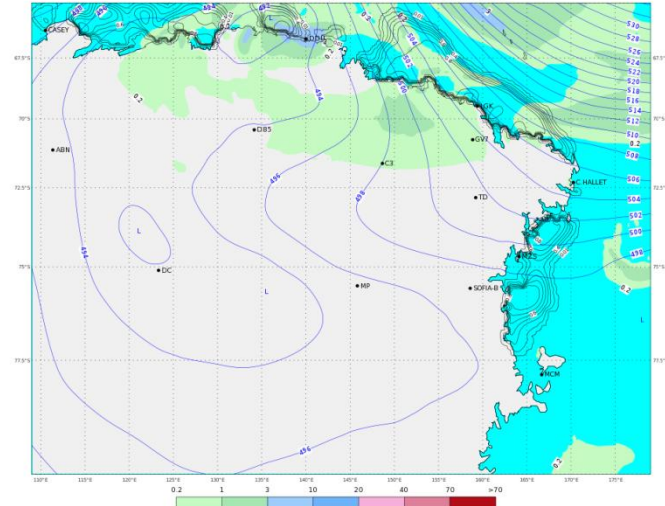
DOMANI - ORE 19 LT

TOMORROW - 19 LT

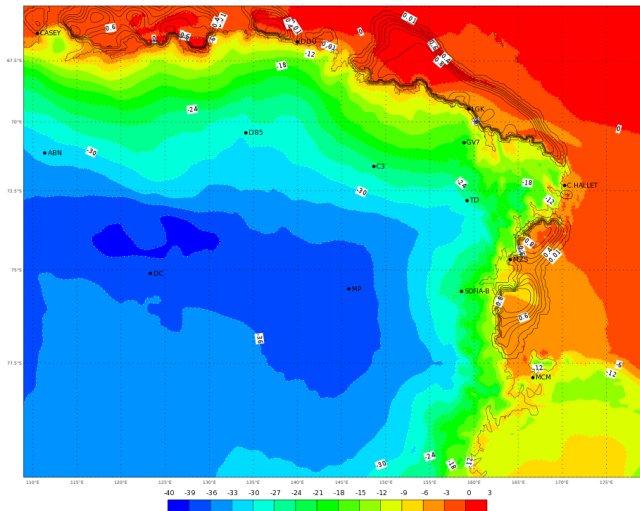
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Terra Vittoria - Total cloud cover (oct)



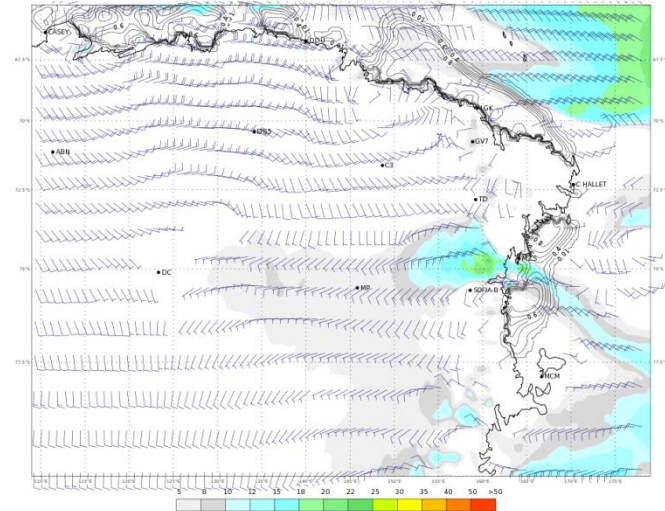
ECMWF 08 Febbraio 2018 00UTC Forecast T+54 VT: Sabato 10 Febbraio 2018 06UTC
Terra Vittoria - Geopotential at 500 hPa + 6h accumulated precipitation (mm)



ECMWF 08 Febbraio 2018 00UTC Forecast T+54 VT: Sabato 10 Febbraio 2018 06UTC
Terra Vittoria - Temperature at 2 m (°C)






ECMWF 08 Febbraio 2018 00UTC Forecast T+54 VT: Sabato 10 Febbraio 2018 06UTC
Terra Vittoria - Wind at 10 m (kts)



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WEATHER FORECAST FOR TOMORROW AT TERRA NOVA BAY

Saturday 10/02/2018

	ORE 07	ORE 13	ORE 19
CIELO			
FENOMENI	NIL	NIL	NIL
VENTO MZS	WNW 10/15 KT	VRB 07 KT	ENE 05/10 KT
VENTO BOULDER	WNW 15/20 KT	VRB 05 KT	ENE 10/15 KT
TEMPERATURA [°C]	-09/-07 °C	-08/-06 °C	-07/-05 °C
WIND CHILL [°C]	-18/-15 °C	-14/-11 °C	-14/-11 °C
STATO DEL MARE	POCO MOSSO O MOSSO	POCO MOSSO O MOSSO	POCO MOSSO O MOSSO

WEATHER TENDENCY AT TERRA NOVA BAY

Sunday 11/02/2018

	MATTINO	POMERIGGIO
CIELO		
FENOMENI	NIL	NIL
VENTO MZS	WSW 20/30 KT	WSW 25/35 KT
VENTO BOULDER	WSW 25/35 KT	WSW 30/40 KT
TEMPERATURA [°C]	-09/-07 °C	-07/-05 °C
WIND CHILL [°C]	-21/-18 °C	-19/-16 °C
STATO DEL MARE	POCO MOSSO O MOSSO	MOSSO

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

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Extreme Values of Yesterday



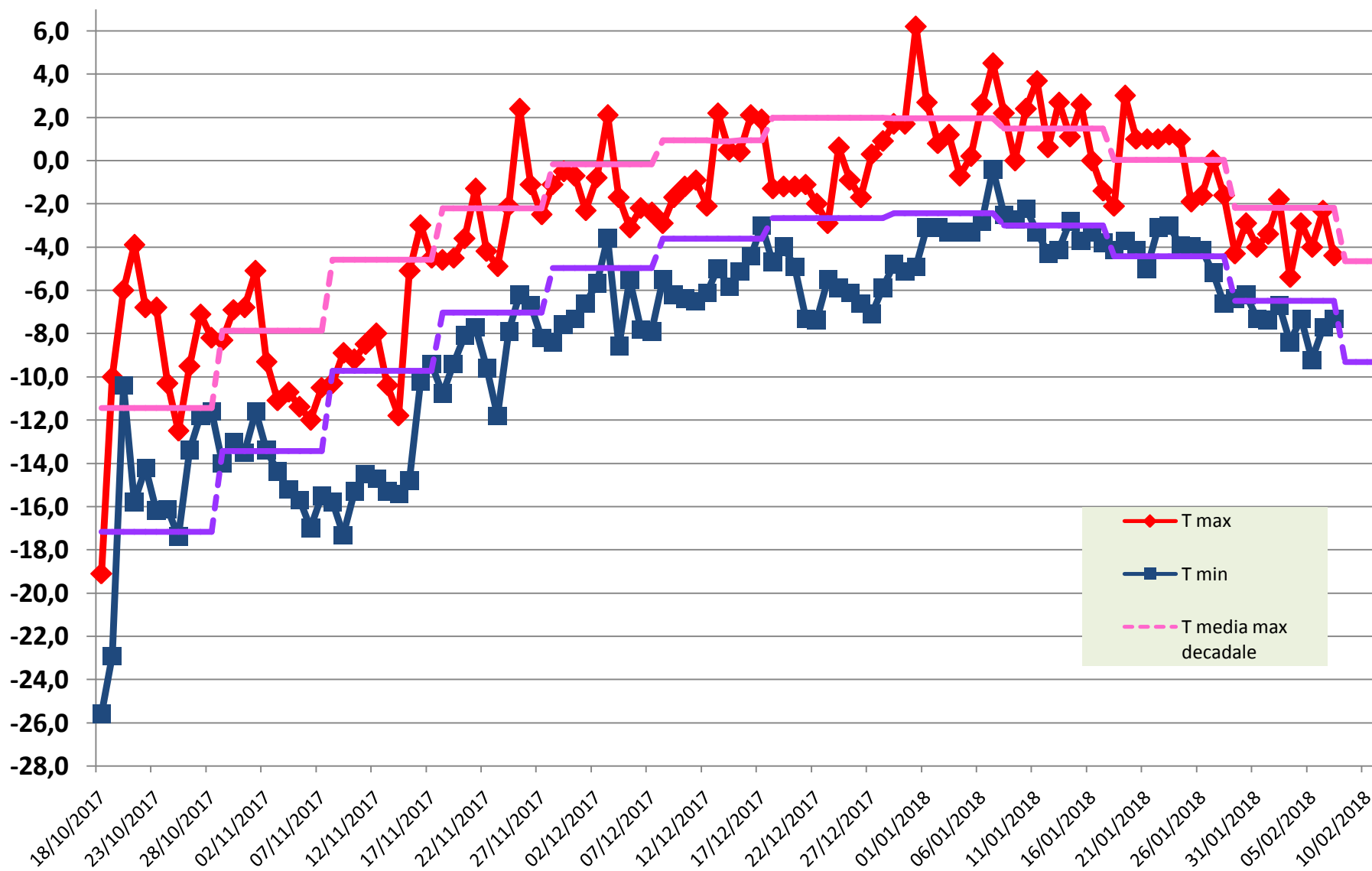
08/02/2018 UTC time (13:00 07/02 - 13:00 08/02)		
MAX temperature	(ore 15:01/L)	-4.4 °C
MIN temperature	(ore 23:51/L)	-7.3 °C
MAX humidity	(ore 17:53/L)	77 %
MIN humidity	(ore 01:08/L)	39 %
MAX wind direction/speed	(ore 13:09/L)	152/18.9 KT

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

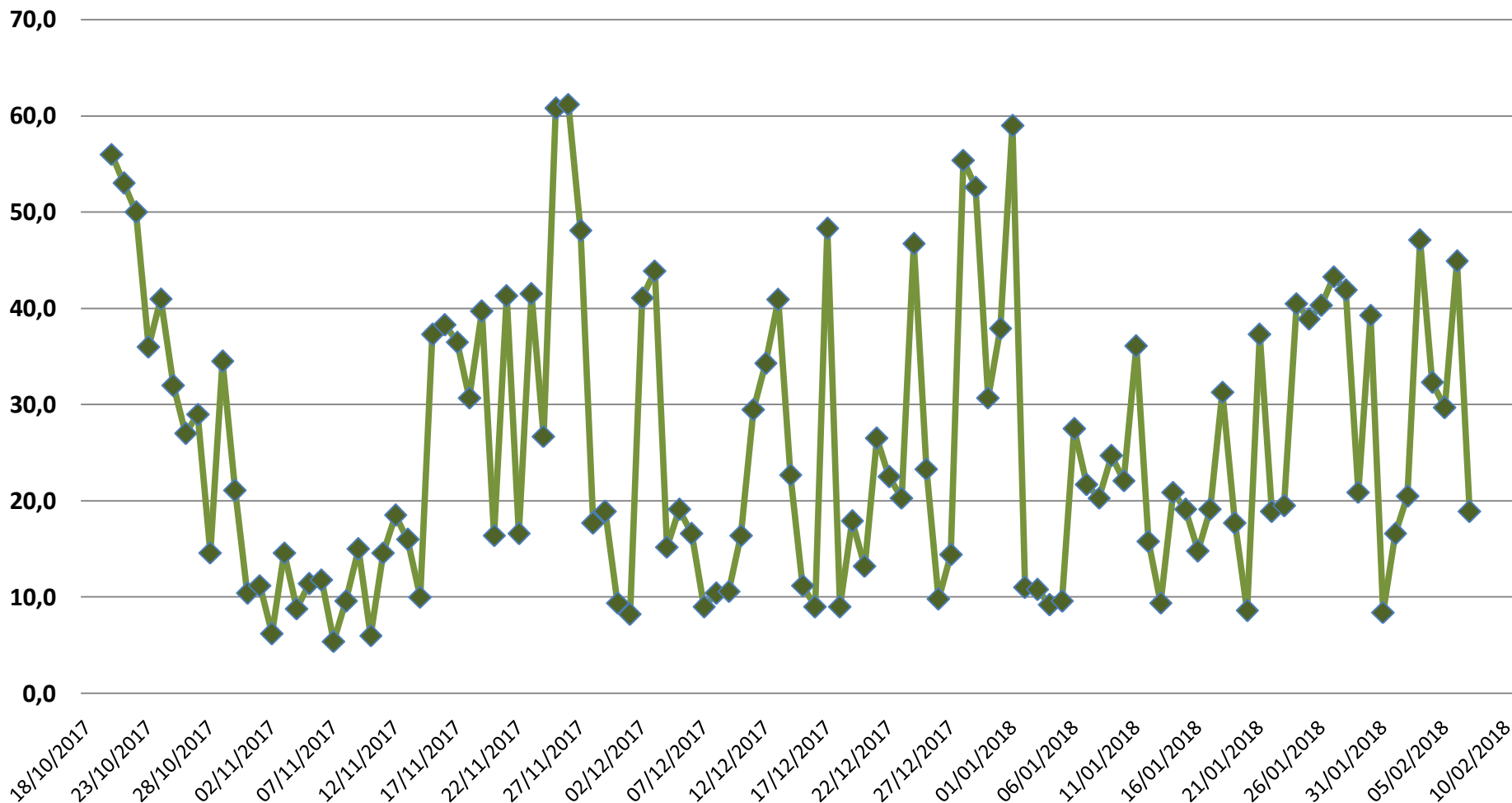
ENEIDE weather station (MZS) - Antarctic Climatology Observatory





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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