



WEATHER

Meteorological observations and forecasts

Saturday 10/02/2018

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

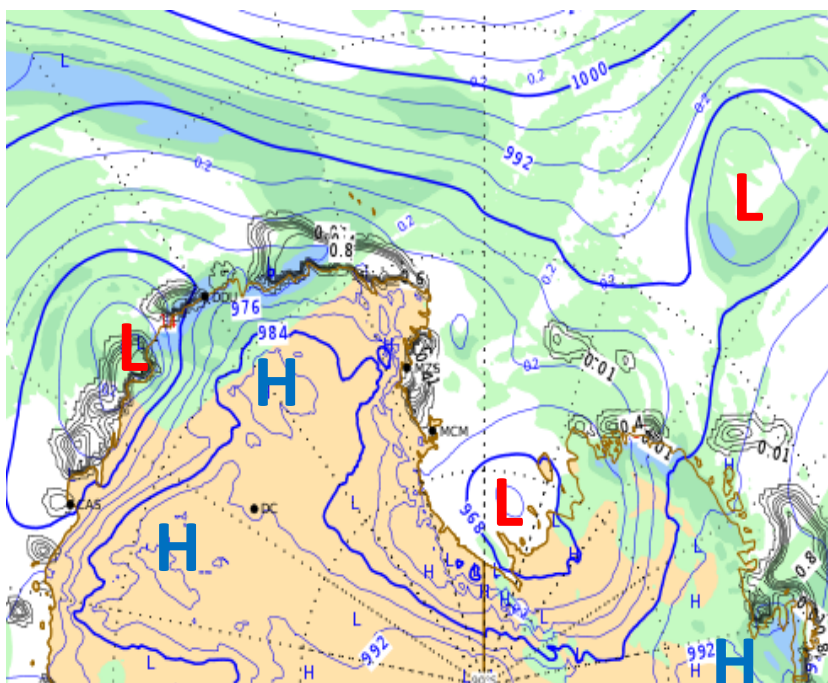
Meteorological observations and forecasts



Saturday 10/02/2018

Sea Level Pressure + Precipitation at 07:00

Latest Report



MARIO ZUCHELLI Station

2018-02-09 17:10:00 UTC (74° 41' 45.3" S, 164° 05' 31.8" E)
<http://www.climantartide.it>

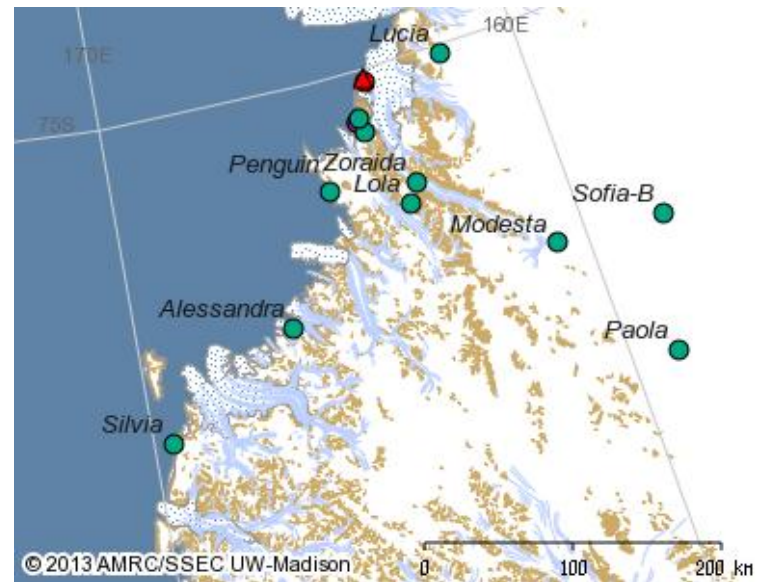
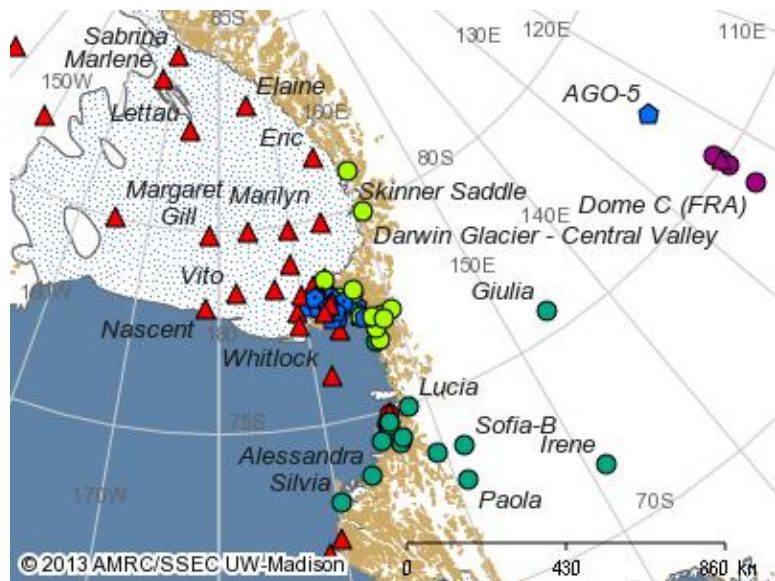
	Pressure (mba)	962.2
	Temperature (C°)	-8.1
	Wind Speed (knt)	2.2
	Relative Humidity (%)	59
	Sun Radiation (W/m ²)	98

17°

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	2018-02-09 16:00	40	1	8	-10.0	-9.9	-10.3	59	953.6
Arelis	2018-02-09 15:00	230	1	3	-6.6	-6.5	-7.1	11	952.0
Concordia	2018-02-09 16:00	180	7	8	-46.9	-46.2	-47.9	55	632.8
Eneide	2018-02-09 15:00	250	4	11	-9.0	-6.0	-9.3	63	961.7
Giulia	2018-02-09 16:00	230	6	10	-43.9	-42.9	-43.9	58	701.7
Lola	2018-02-09 15:00	220	10	17	-16.7	-16.6	-19.5	33	786.9
Modesta	2018-02-09 16:00	310	13	18	-33.7	-33.3	-34.2	69	754.1
Paola	2018-02-09 14:00	240	7	8	-39.8	-38.7	-40.0	62	//
Rita	2018-02-09 16:00	180	5	22	-10.0	-7.7	-10.0	49	940.8
Silvia	2018-02-09 16:00	260	5	11	-9.2	-9.1	-10.0	//	909.1
Sofiab	2018-02-09 16:00	200	11	20	-26.3	-24.5	-26.5	59	793.2
Zoraida	2018-02-09 15:00	310	41	55	-16.8	-16.5	-17.1	42	870.8

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



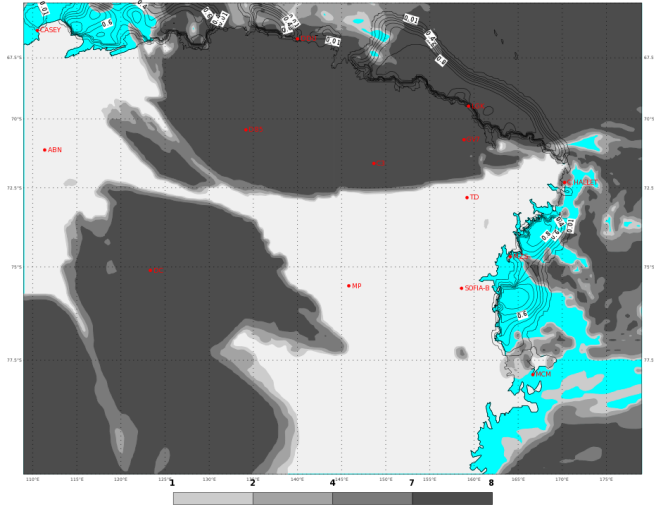
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PREVISIONI - FORECASTS

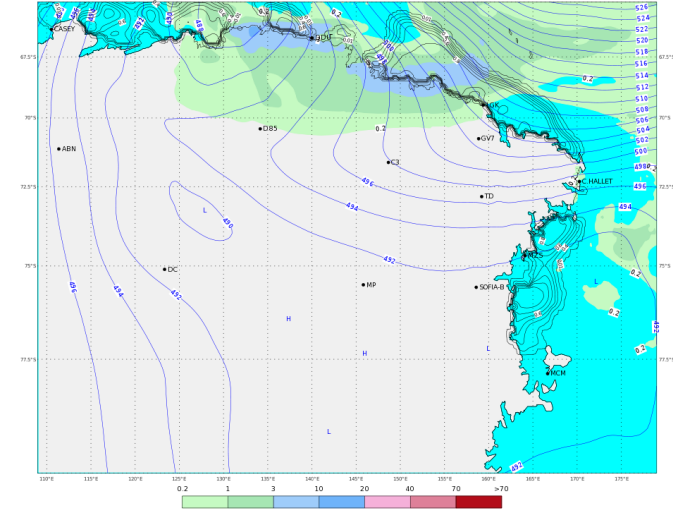
OGGI - ORE 07 LT

TODAY - 07 LT

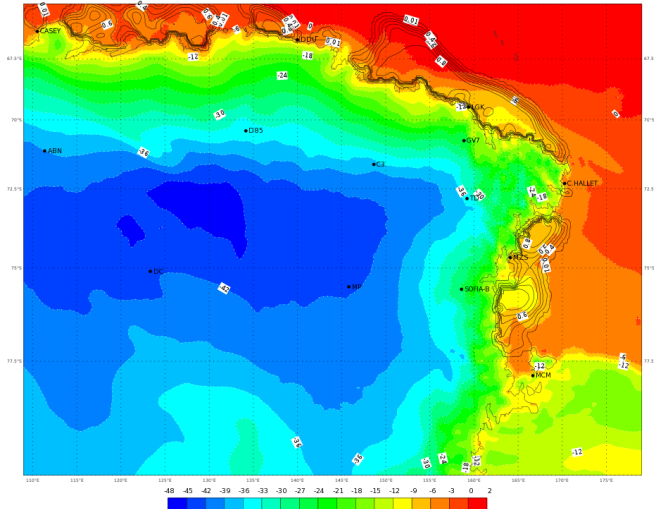
ECMWF 09 Febbraio 2018 00UTC Forecast T+18 VT: Venerdì 09 Febbraio 2018 18UTC
Terra Vittoria - Total cloud cover (oct)



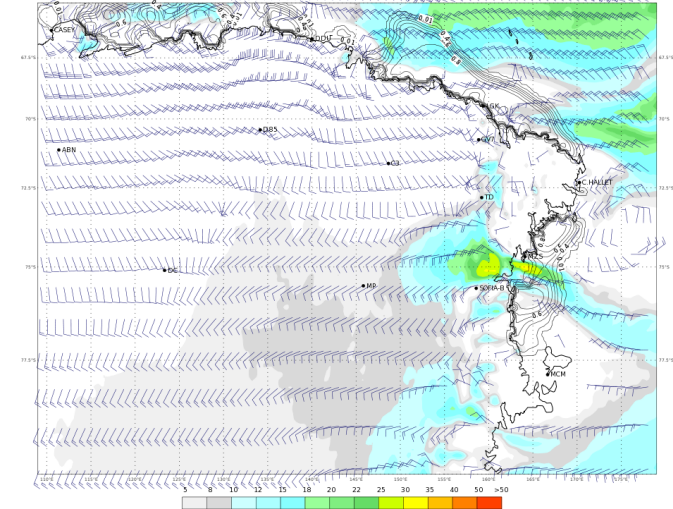
ECMWF 09 Febbraio 2018 00UTC Forecast T+18 VT: Venerdì 09 Febbraio 2018 18UTC
Terra Vittoria - Geopotential at 500 hPa + 6h accumulated precipitation (mm)



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



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

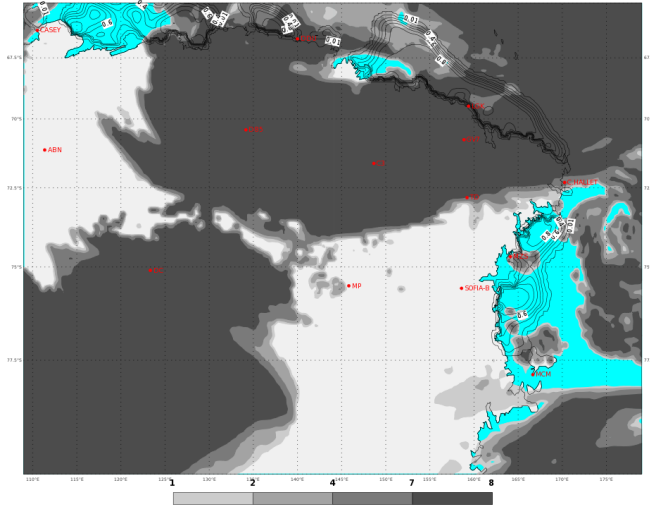


PREVISIONI - FORECASTS

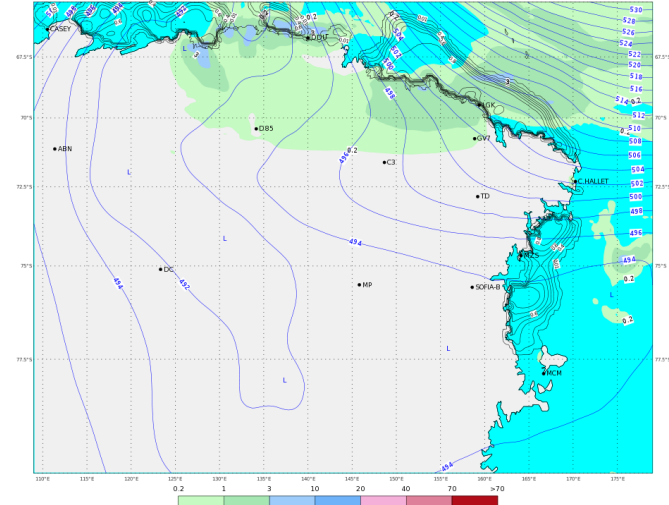
OGGI - ORE 13 LT

TODAY - 13 LT

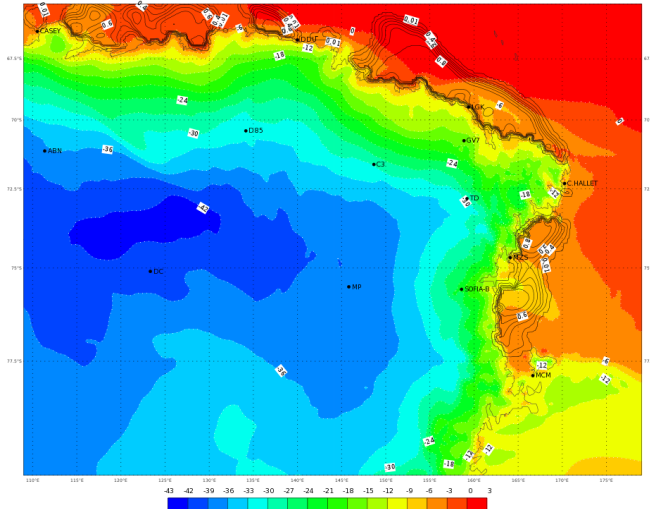
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Terra Vittoria - Total cloud cover (oct)



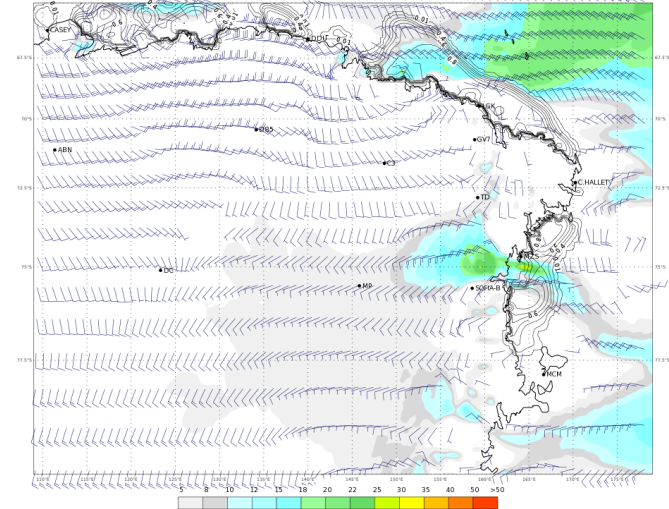
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Terra Vittoria - Geopotential at 500 hPa + 6h accumulated precipitation (mm)



ECMWF 09 Febbraio 2018 00UTC Forecast T+24 VT: Sabato 10 Febbraio 2018 00UTC
Terra Vittoria - Temperature at 2 m (°C)



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

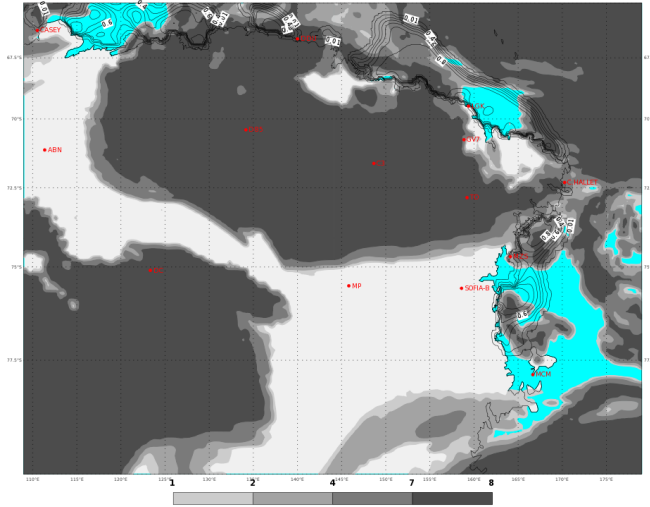


PREVISIONI - FORECASTS

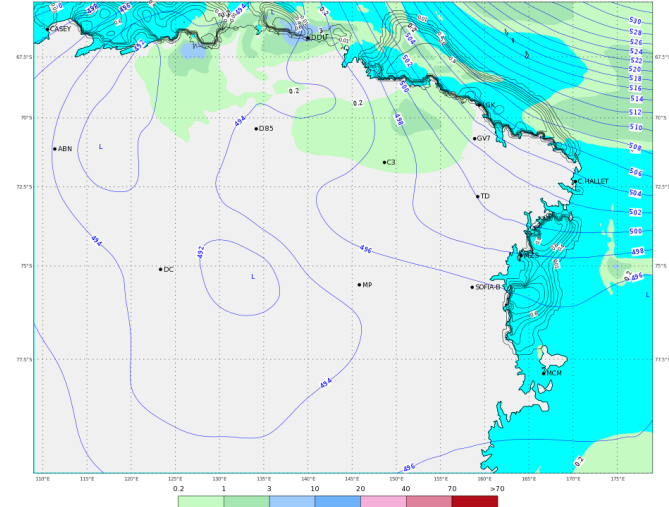
OGGI - ORE 19 LT

TODAY - 19 LT

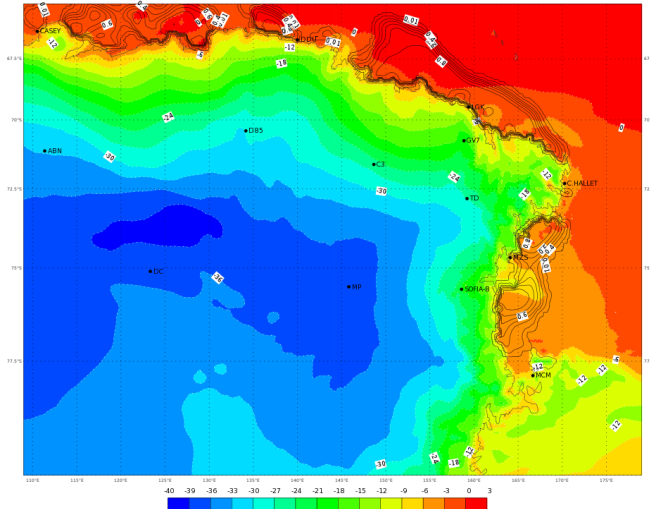
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Terra Vittoria - Total cloud cover (oct)



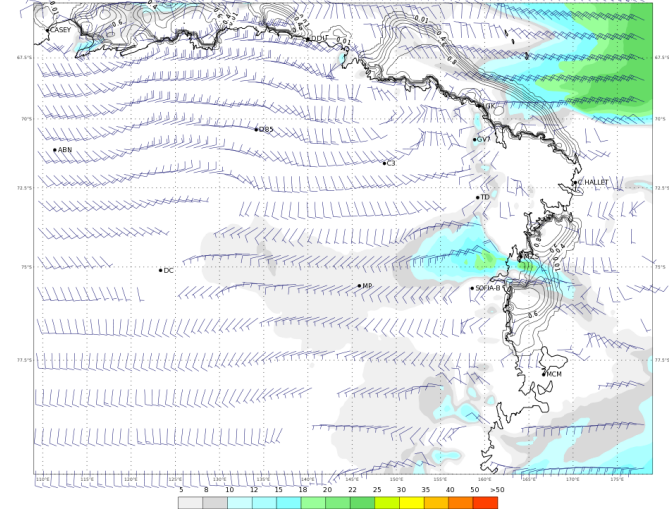
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Terra Vittoria - Geopotential at 500 hPa + 6h accumulated precipitation (mm)



ECMWF 09 Febbraio 2018 00UTC Forecast T+30 VT: Sabato 10 Febbraio 2018 06UTC
Terra Vittoria - Temperature at 2 m (°C)






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



WEATHER FORECAST FOR TODAY AT TERRA NOVA BAY

Saturday 10/02/2018

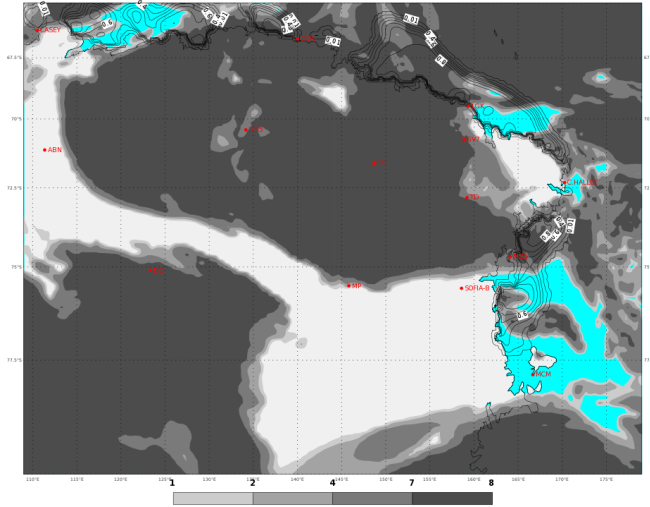
	ORE 07	ORE 13	ORE 19
CIELO			
FENOMENI	NIL	NIL	NIL
VENTO MZS	WNW 05/10 KT	SSE 05/10 KT	VRB 07 KT
TEMPERATURA [°C]	-08/-06 °C	-08/-06 °C	-07/-05 °C
WIND CHILL [°C]	-20/-17 °C	-16/-13 °C	-13/-10 °C
STATO DEL MARE	POCO MOSSO	POCO MOSSO	POCO MOSSO

PREVISIONI - FORECASTS

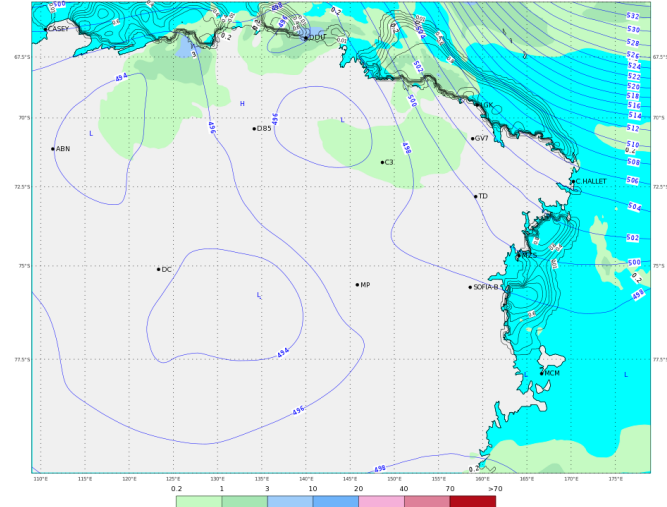
DOMANI - ORE 01 LT

TOMORROW - 01 LT

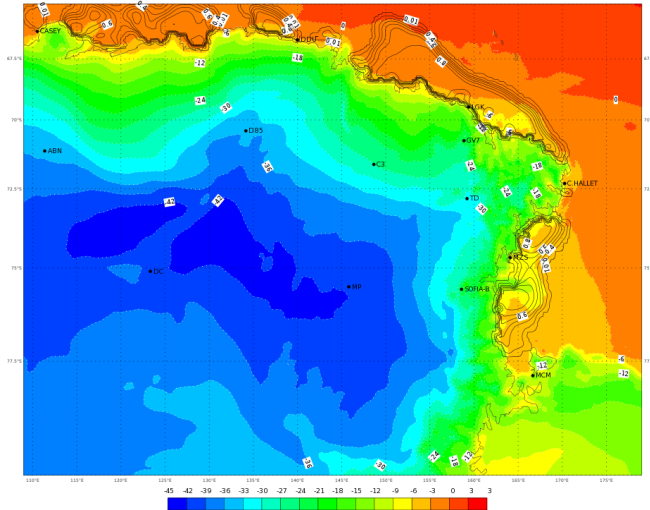
ECMWF 09 Febbraio 2018 00UTC Forecast T+36 VT: Sabato 10 Febbraio 2018 12UTC
Terra Vittoria - total cloud cover (oct)



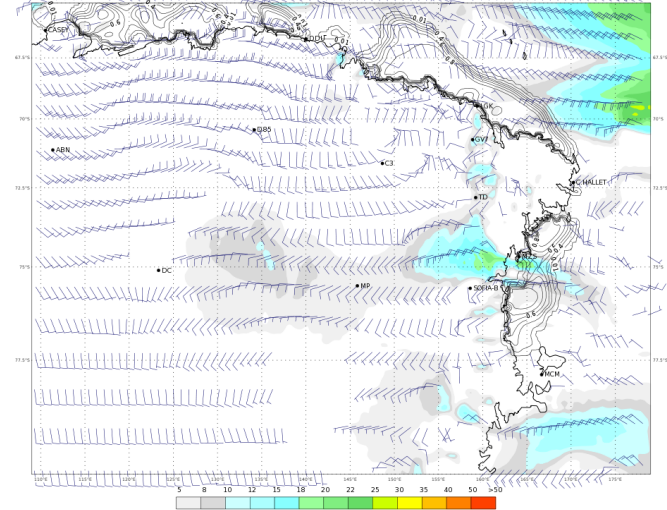
ECMWF 09 Febbraio 2018 00UTC Forecast T+36 VT: Sabato 10 Febbraio 2018 12UTC
Terra Vittoria - Geopotential at 500 hPa + 6h accumulated precipitation (mm)



ECMWF 09 Febbraio 2018 00UTC Forecast T+36 VT: Sabato 10 Febbraio 2018 12UTC
Terra Vittoria - temperature at 2 m (°C)



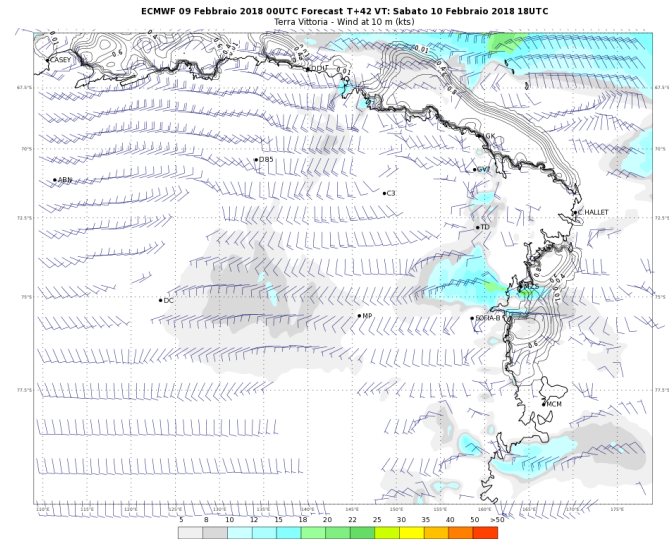
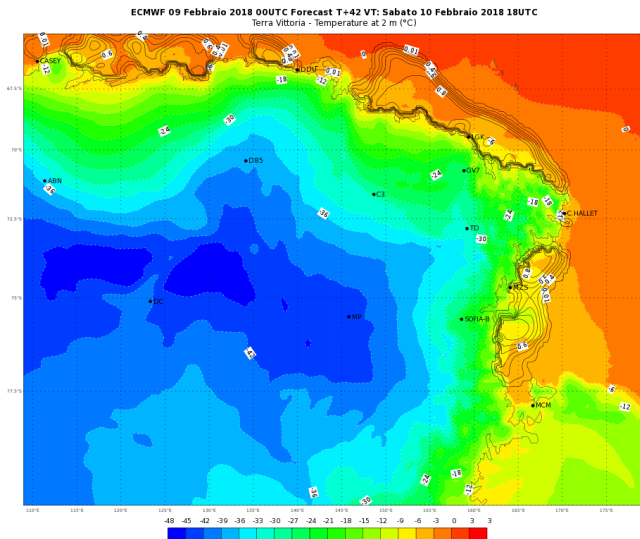
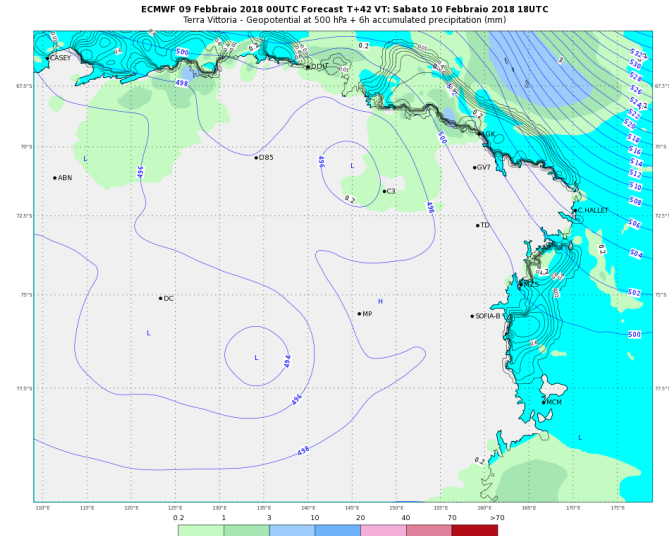
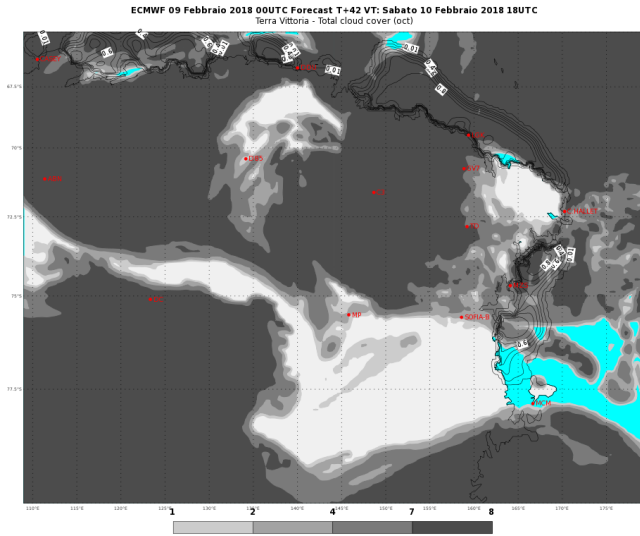
ECMWF 09 Febbraio 2018 00UTC Forecast T+36 VT: Sabato 10 Febbraio 2018 12UTC
Terra Vittoria - Wind at 10 m (kts)



PREVISIONI - FORECASTS

DOMANI - ORE 07 LT

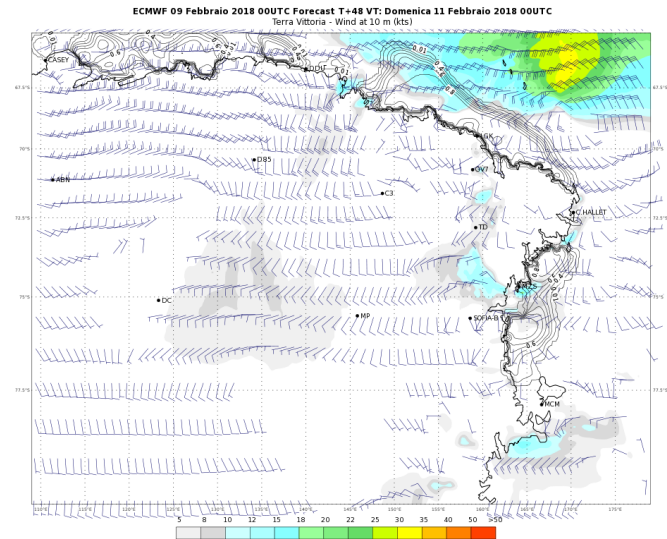
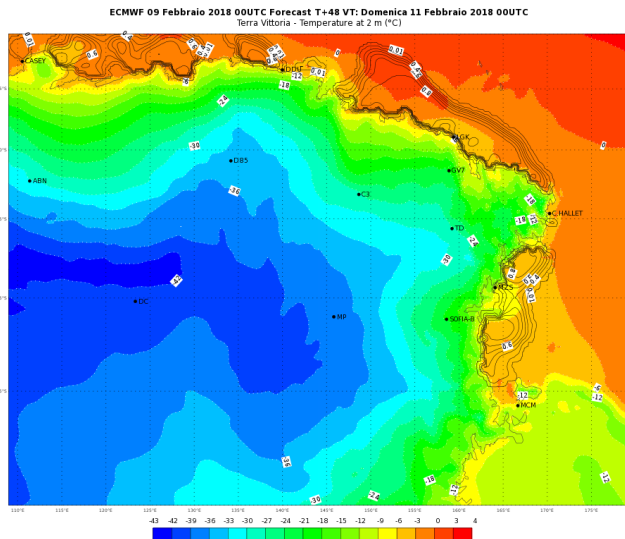
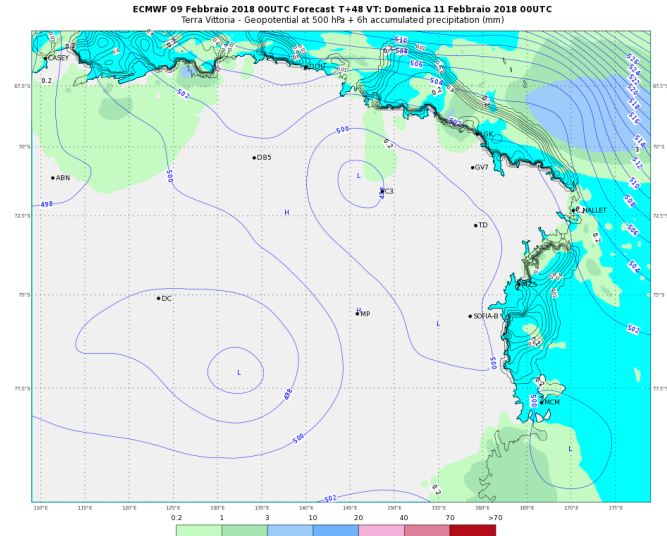
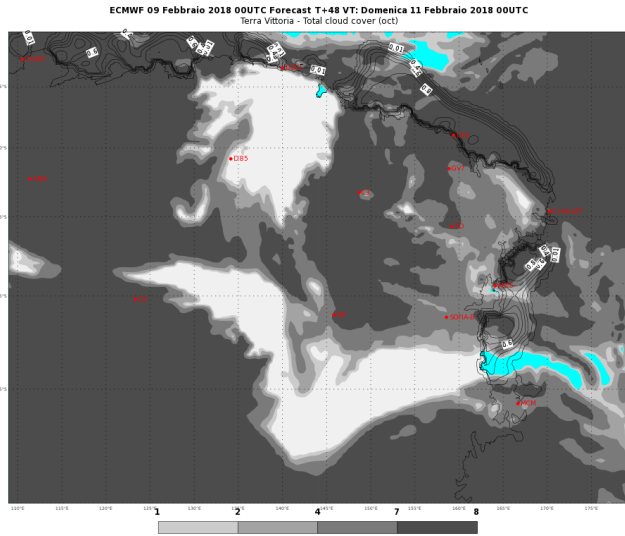
TOMORROW - 07 LT



PREVISIONI - FORECASTS

DOMANI - ORE 13 LT

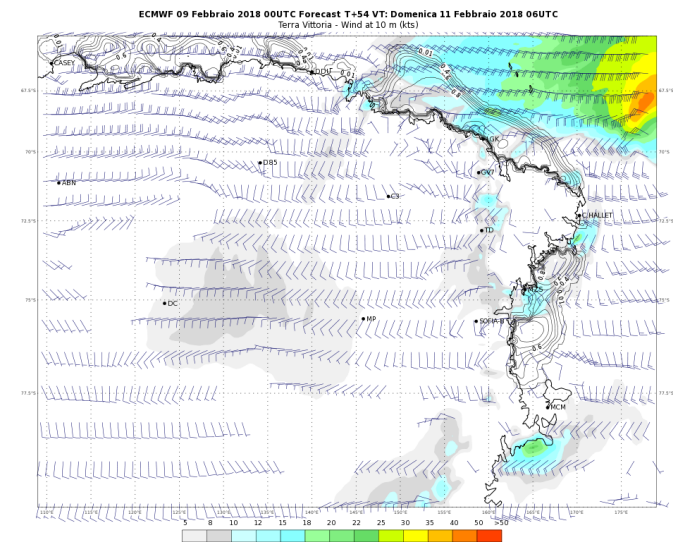
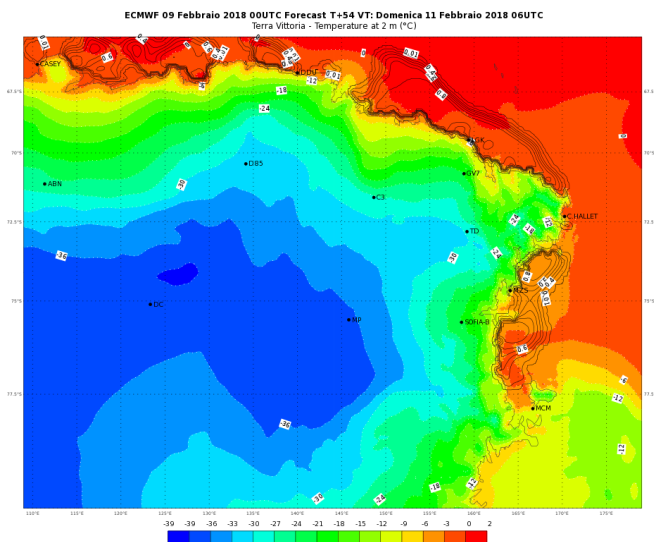
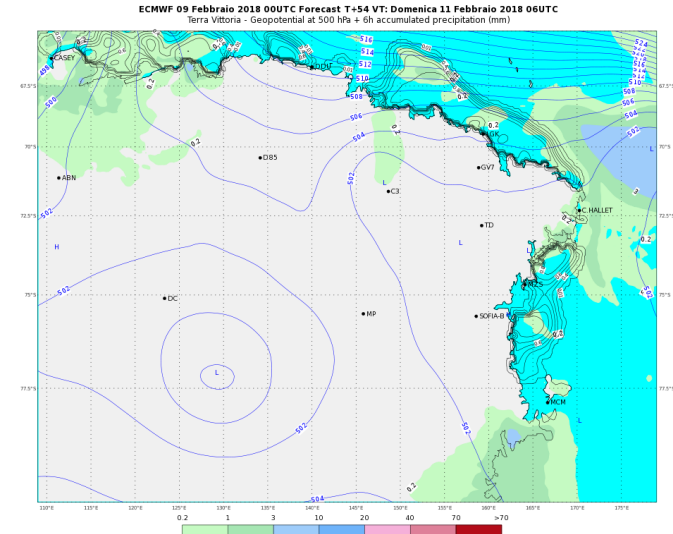
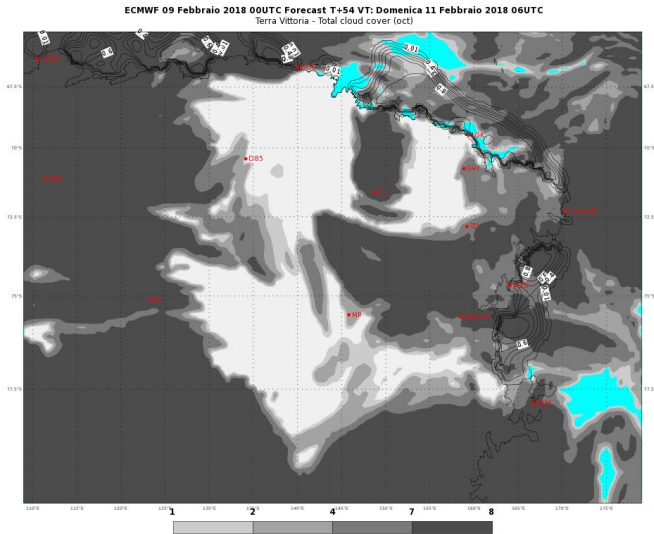
TOMORROW - 13 LT



PREVISIONI - FORECASTS




DOMANI - ORE 19 LT

TOMORROW - 19 LT





WEATHER FORECAST FOR TOMORROW AT TERRA NOVA BAY

Sunday 11/02/2018

	ORE 07	ORE 13	ORE 19
CIELO			
FENOMENI	NIL	NIL	NIL
VENTO MZS	VRB 05/10 KT	WSW 10/20 KT	WSW 15/25 KT
TEMPERATURA [°C]	-09/-07 °C	-08/-06 °C	-07/-05 °C
WIND CHILL [°C]	-17/-14 °C	-18/-15 °C	-18/-15 °C
STATO DEL MARE	POCO MOSSO	POCO MOSSO O MOSSO	POCO MOSSO O MOSSO

WEATHER TENDENCY AT TERRA NOVA BAY

Monday 12/02/2018

	MATTINO	POMERIGGIO
CIELO		
FENOMENI	NIL	CATABATICO MODERATO
VENTO MZS	WSW 20/30 KT	WSW 35/45 KT
TEMPERATURA [°C]	-07/-05 °C	-05/-03 °C
WIND CHILL [°C]	-19/-16 °C	-18/-15 °C
STATO DEL MARE	POCO MOSSO O MOSSO	MOSSO



Extreme Values of Yesterday



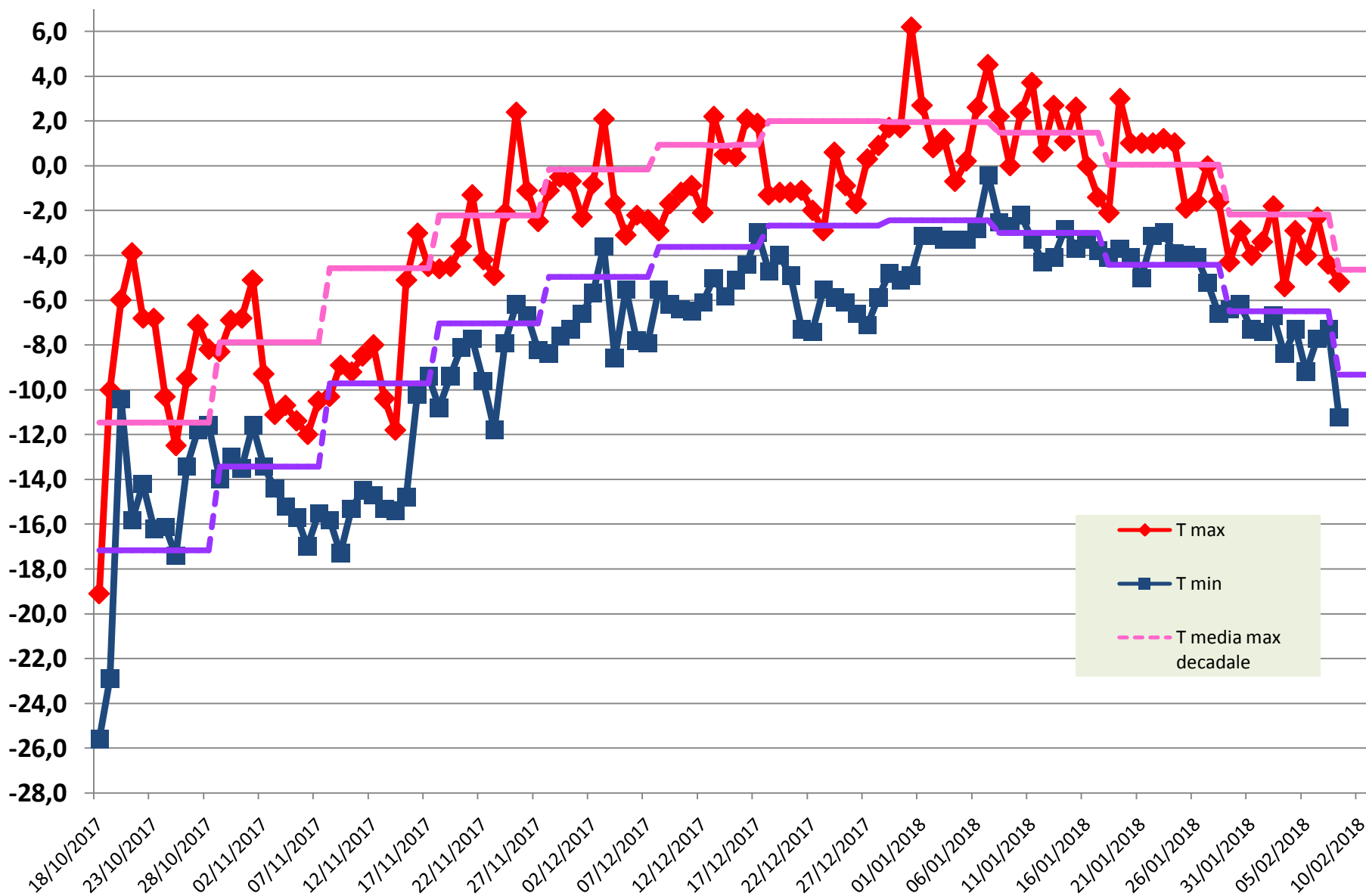
09/02/2018 UTC time (13:00 08/02 - 13:00 09/02)		
MAX temperature	(ore 17:12/L)	-5.2 °C
MIN temperature	(ore 04:17/L)	-11.2 °C
MAX humidity	(ore 00:00/L)	58 %
MIN humidity	(ore 20:42/L)	32 %
MAX wind direction/speed	(ore 04:50/L)	309/43.5 KT

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

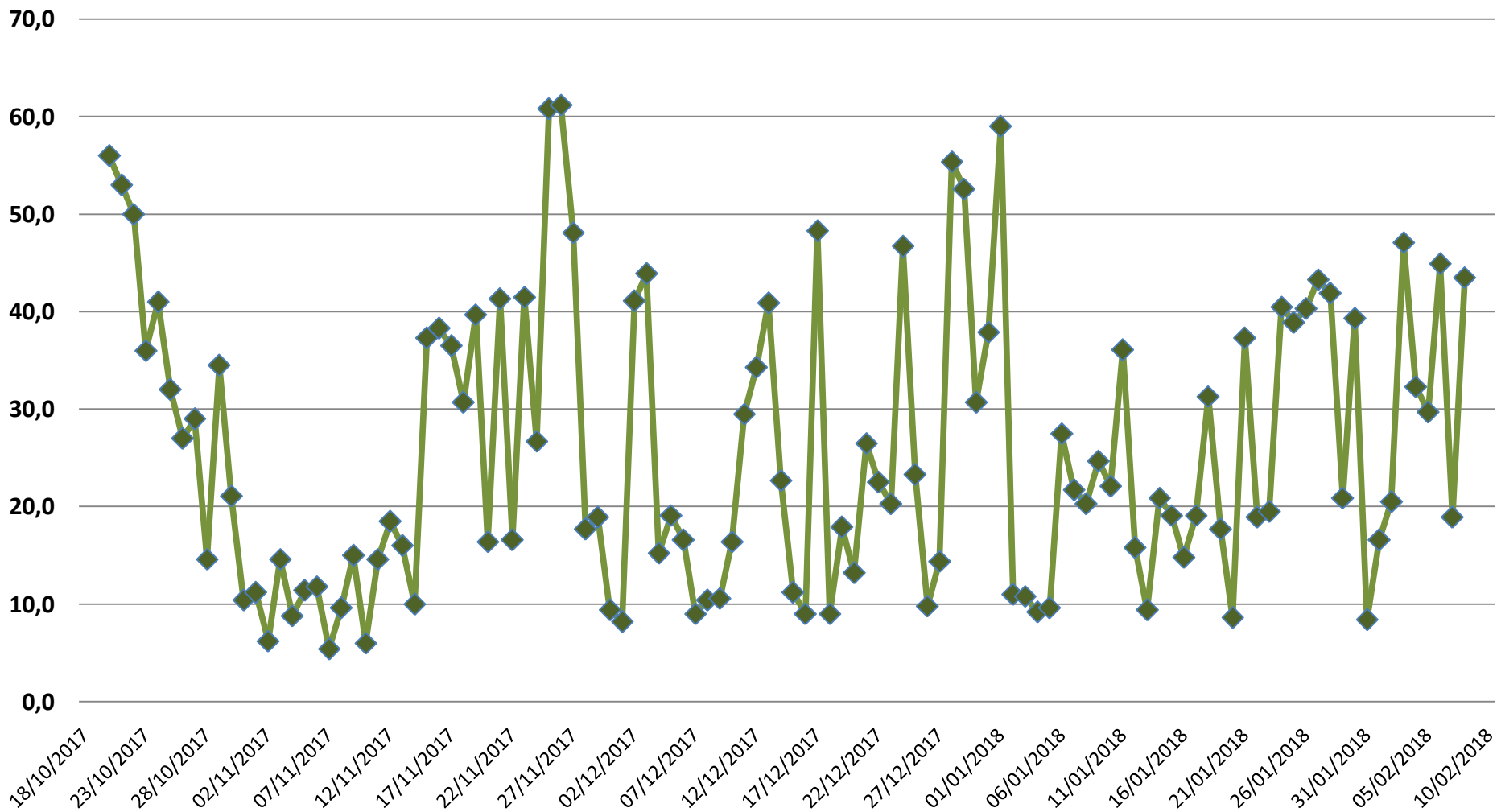
ENEIDE weather station (MZS) - Antarctic Climatology Observatory





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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