



WEATHER

Meteorological observations and forecasts

Tuesday 16/01/2018

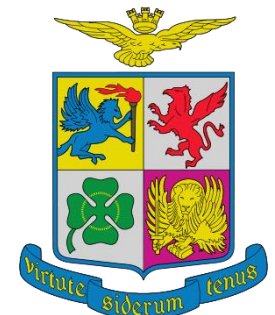
MET Office - "Mario Zucchelli" Base - Terranova Bay

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

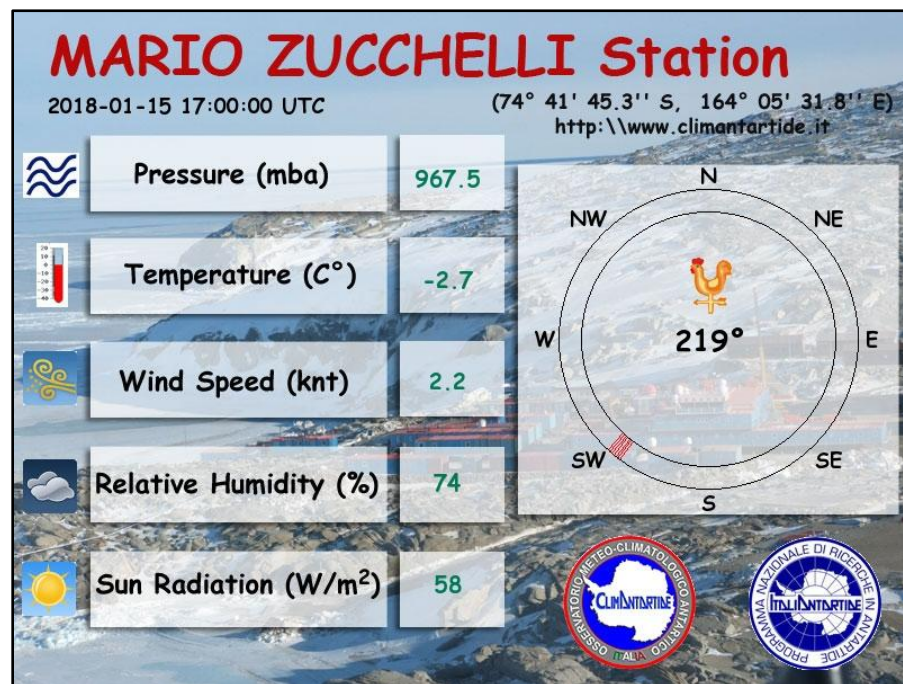
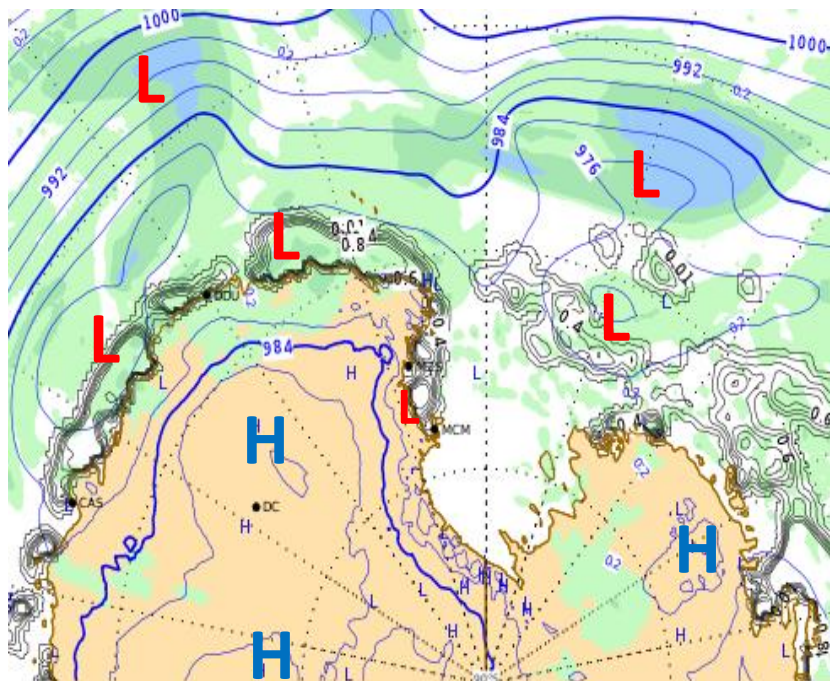
Meteorological observations and forecasts



Tuesday 16/01/2018

Sea Level Pressure + Precipitation at 07:00

Latest Report

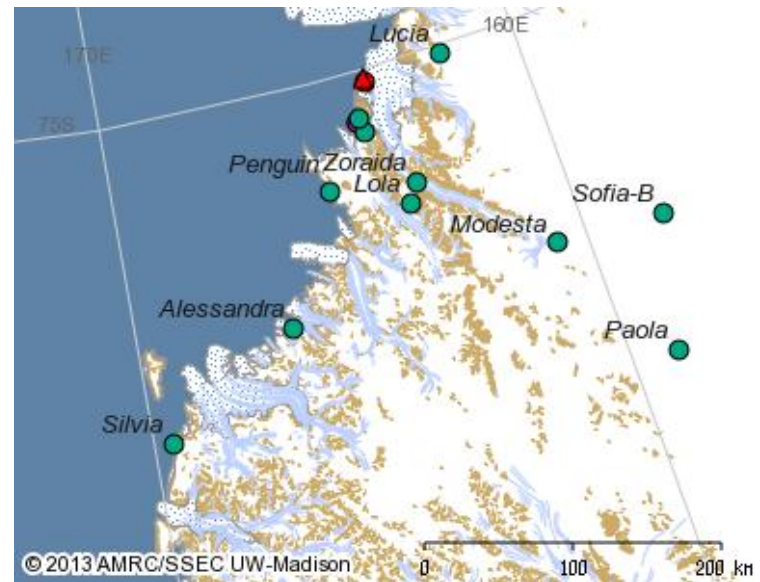
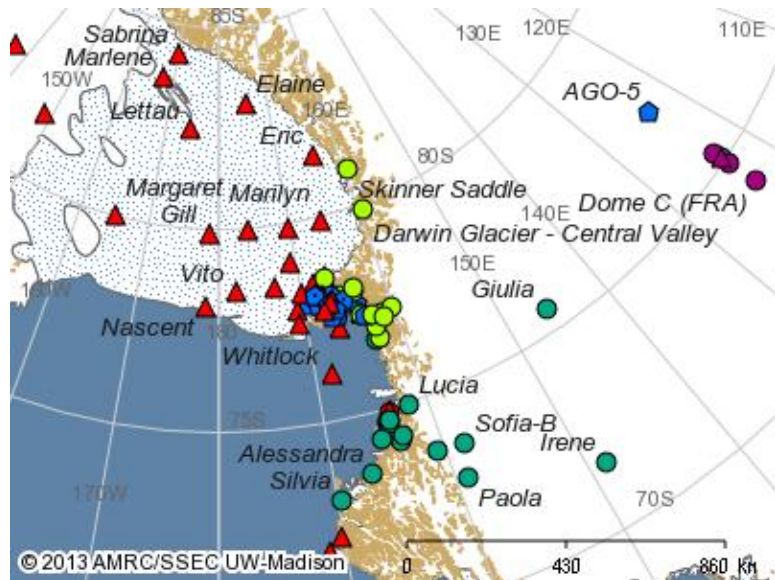


VENTO AREA BOULDER: SSW 05 KT (06:15 loc time recorded)

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	2018-01-15 16:00	70	2	3	-2.2	-1.1	-3.2	70	958.9
Arelis	2018-01-15 16:00	210	5	8	-5.0	-5.0	-5.5	11	960.0
Concordia	2018-01-15 16:00	60	0	6	-26.0	-24.4	-29.5	78	643.8
Eneide	2018-01-15 16:00	170	3	13	-2.1	-0.6	-2.4	72	967.8
Giulia	2018-01-15 16:00	250	7	9	-30.5	-30.1	-30.5	72	711.4
Lola	2018-01-15 16:00	250	6	17	-10.7	-10.5	-11.7	41	795.8
Modesta	2018-01-15 16:00	300	10	15	-25.3	-24.2	-25.4	78	761.0
Paola	2018-01-07 14:00	80	6	7	-21.6	-21.3	-22.2	82	//
Rita	2018-01-15 16:00	170	3	9	-4.4	-3.0	-4.8	81	947.1
Silvia	2018-01-15 16:00	30	5	8	-6.6	-6.0	-6.7	//	915.6
Sofiab	2018-01-15 16:00	170	15	16	-16.4	-15.8	-17.5	68	801.1
Zoraida	2018-01-15 16:00	300	25	39	-10.2	-9.7	-10.4	73	877.3

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



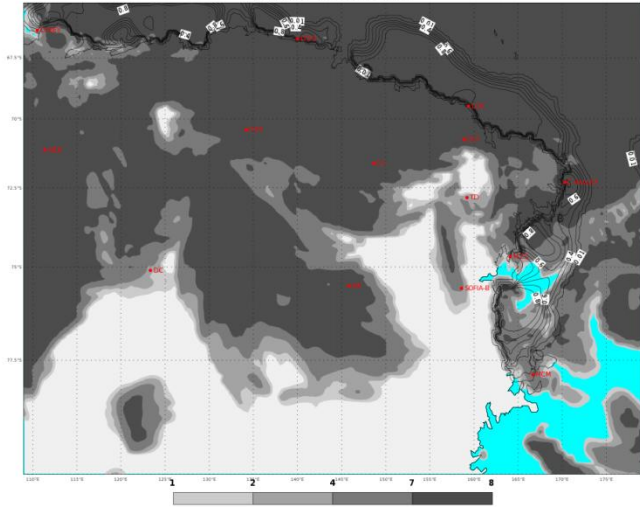
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PREVISIONI - FORECASTS

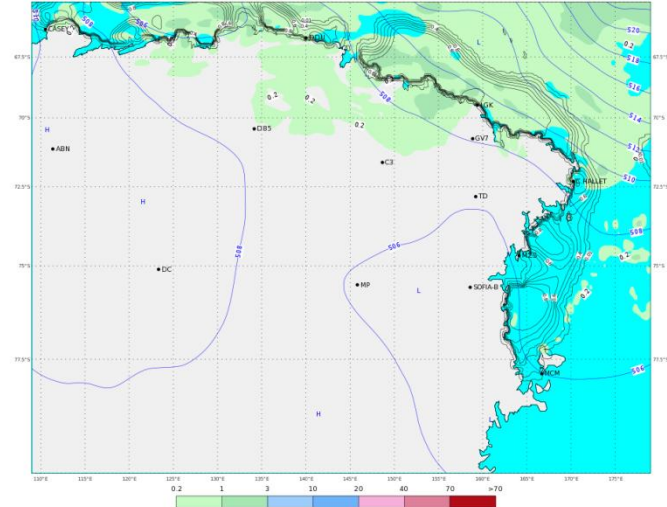
OGGI - ORE 07 LT

TODAY - 07 LT

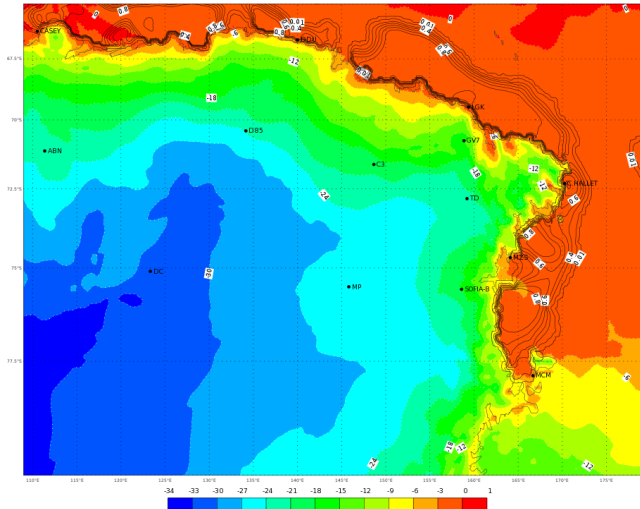
ECMWF 15 Gennaio 2018 00UTC Forecast T+18 VT: Lunedì 15 Gennaio 2018 18UTC
Terra Vittoria - total cloud cover (oct)



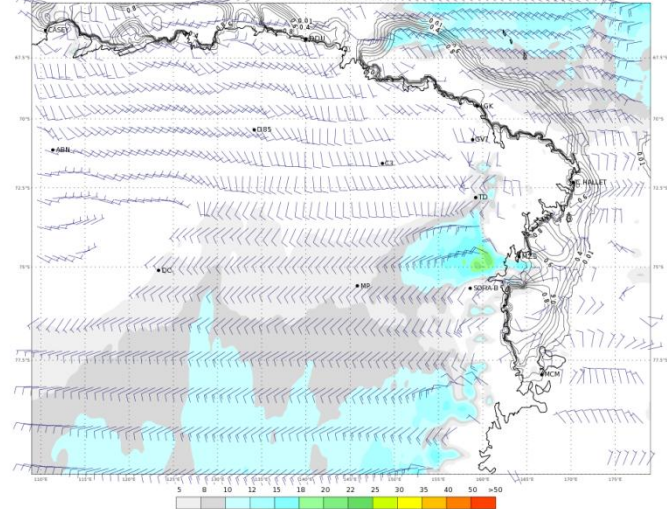
ECMWF 15 Gennaio 2018 00UTC Forecast T+18 VT: Lunedì 15 Gennaio 2018 18UTC
Terra Vittoria - Geopotential at 500 hPa + 6h accumulated precipitation (mm)



ECMWF 15 Gennaio 2018 00UTC Forecast T+18 VT: Lunedì 15 Gennaio 2018 18UTC
Terra Vittoria - temperature at 2 m (°C)



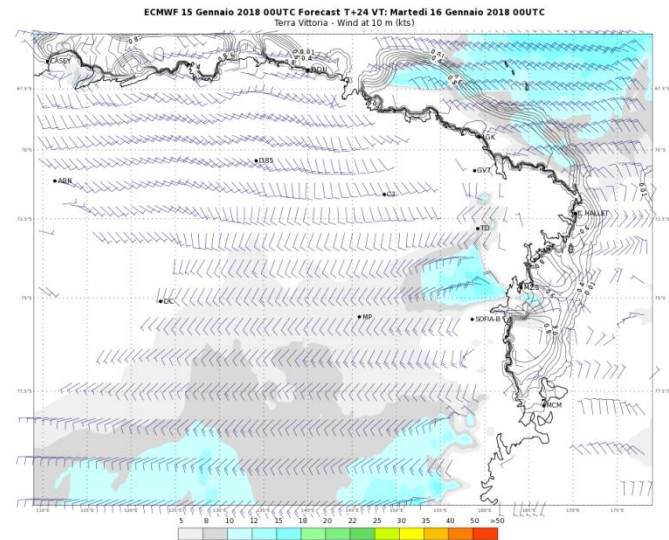
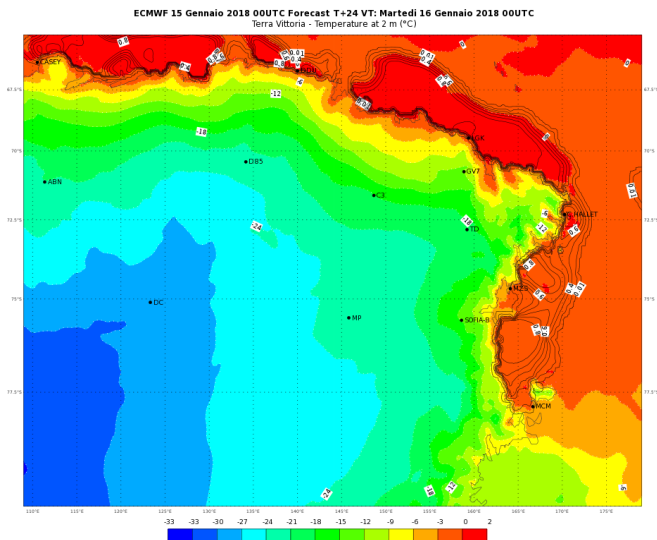
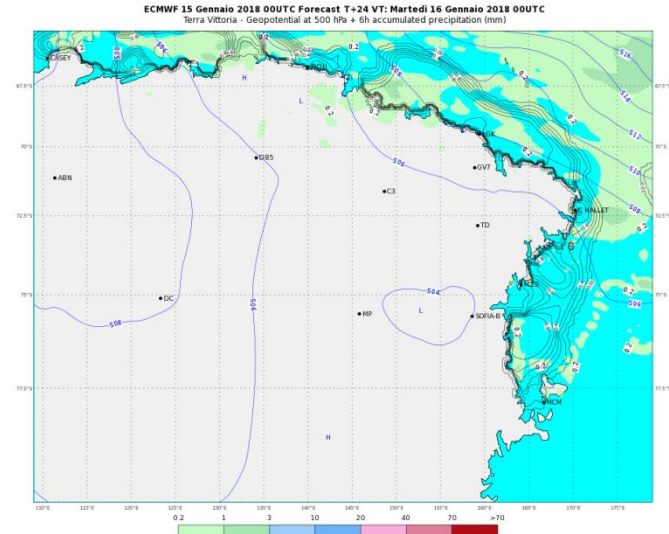
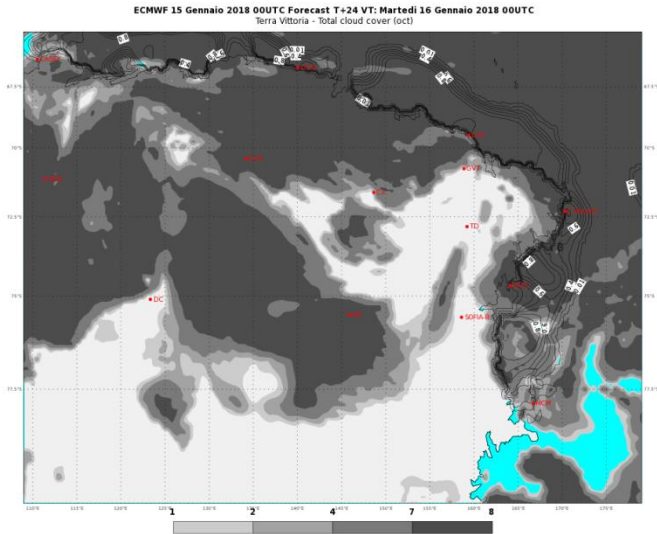
ECMWF 15 Gennaio 2018 00UTC Forecast T+18 VT: Lunedì 15 Gennaio 2018 18UTC
Terra Vittoria - Wind at 10 m (kts)



PREVISIONI - FORECASTS

OGGI - ORE 13 LT

TODAY - 13 LT

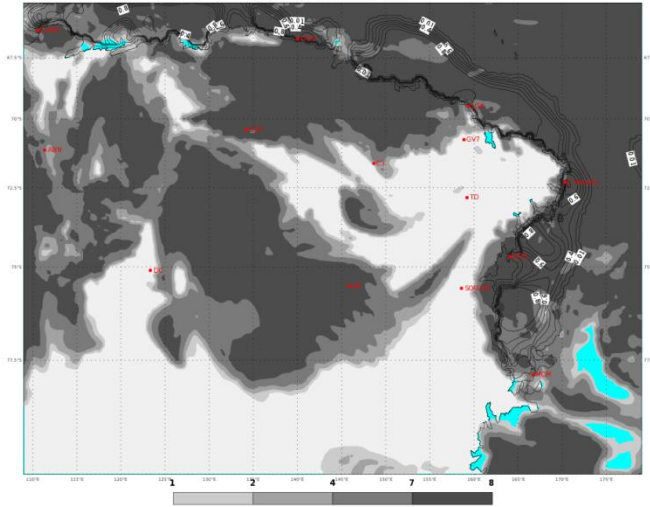


PREVISIONI - FORECASTS

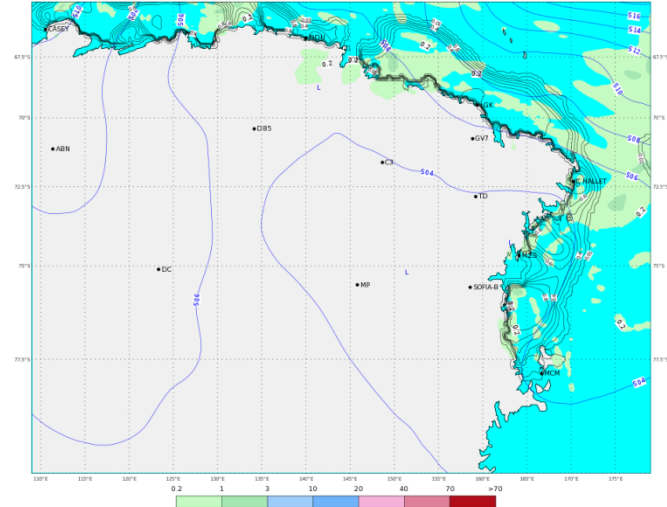
OGGI - ORE 19 LT

TODAY - 19 LT

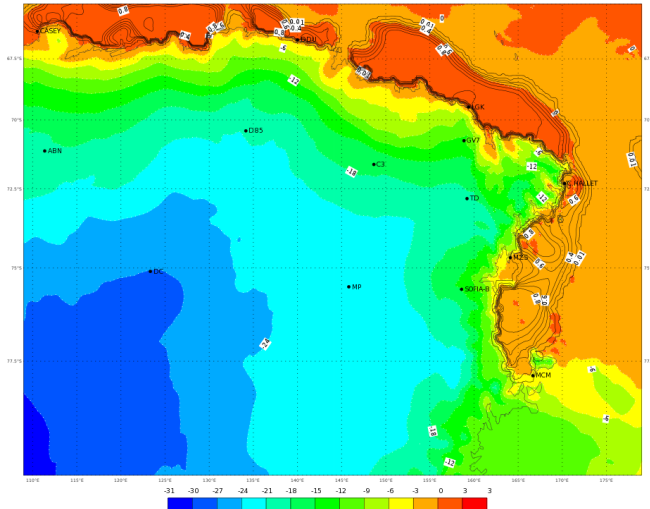
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Terra Vittoria - Total cloud cover (oct)



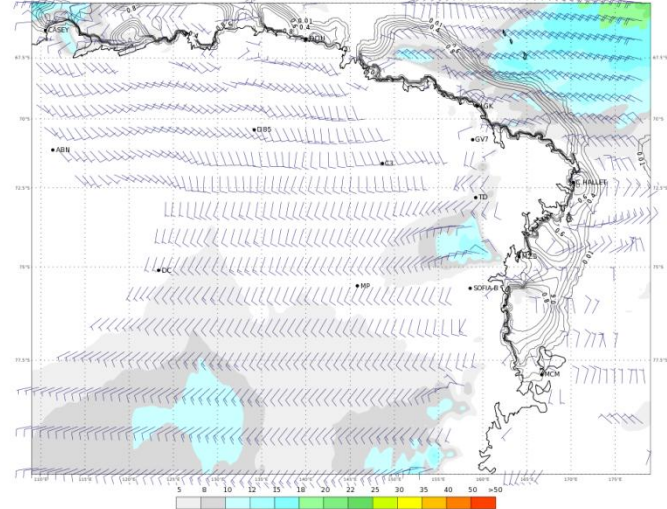
ECMWF 15 Gennaio 2018 00UTC Forecast T+30 VT: Martedì 16 Gennaio 2018 06UTC
Terra Vittoria - Geopotential at 500 hPa + 6h accumulated precipitation (mm)



ECMWF 15 Gennaio 2018 00UTC Forecast T+30 VT: Martedì 16 Gennaio 2018 06UTC
Terra Vittoria - Temperature at 2 m (°C)






ECMWF 15 Gennaio 2018 00UTC Forecast T+30 VT: Martedì 16 Gennaio 2018 06UTC
Terra Vittoria - Wind at 10 m (kts)



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WEATHER FORECAST FOR TODAY AT TERRA NOVA BAY

Tuesday 16/01/2018

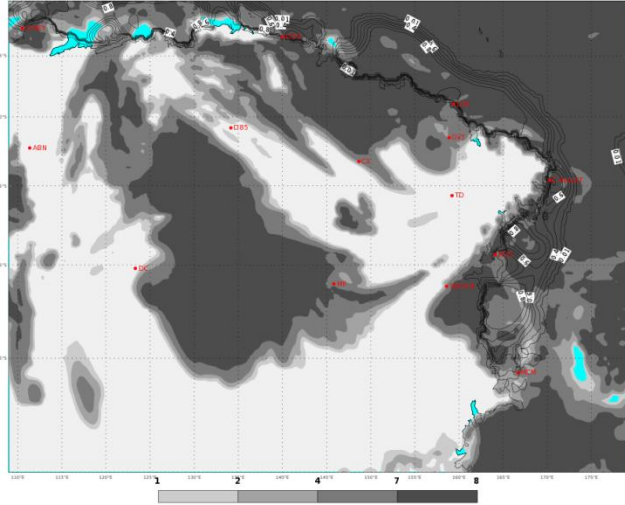
	ORE 07	ORE 13	ORE 19
CIELO			
FENOMENI	NIL	NIL	NIL
VENTO MZS	VRB 05/10 KT	VRB 05 KT	VRB 05 KT
VENTO BOULDER	NW 15 KT	NNW 07 KT	VRB 05 KT
TEMPERATURA [°C]	-04/-02 °C	-04/-02 °C	-03/-01 °C
WIND CHILL [°C]	-10/-07 °C	-08/-05 °C	-07/-04 °C
AVVISI	NIL	NIL	NIL

PREVISIONI - FORECASTS

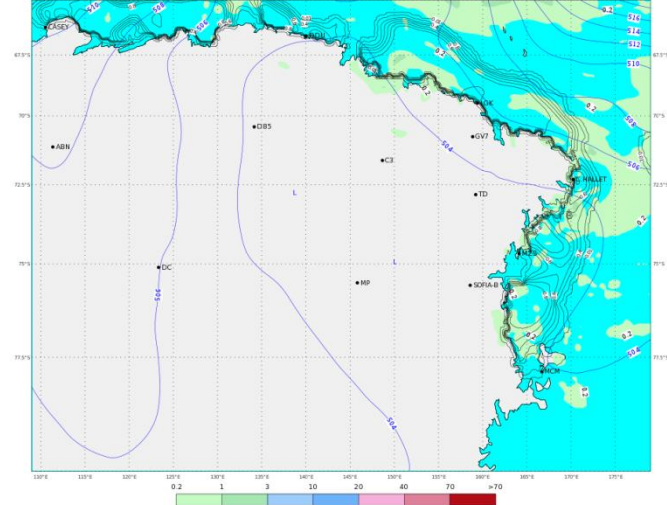
DOMANI - ORE 01 LT

TOMORROW - 01 LT

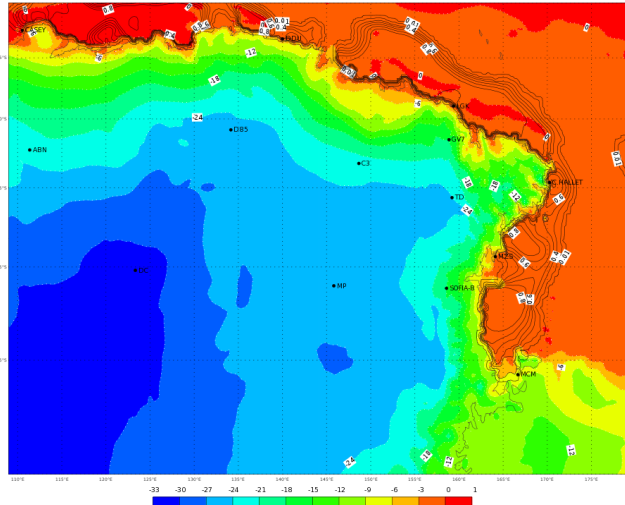
ECMWF 15 Gennaio 2018 00UTC Forecast T+36 VT: Martedì 16 Gennaio 2018 12UTC
Terra Vittoria - Total cloud cover (oct)



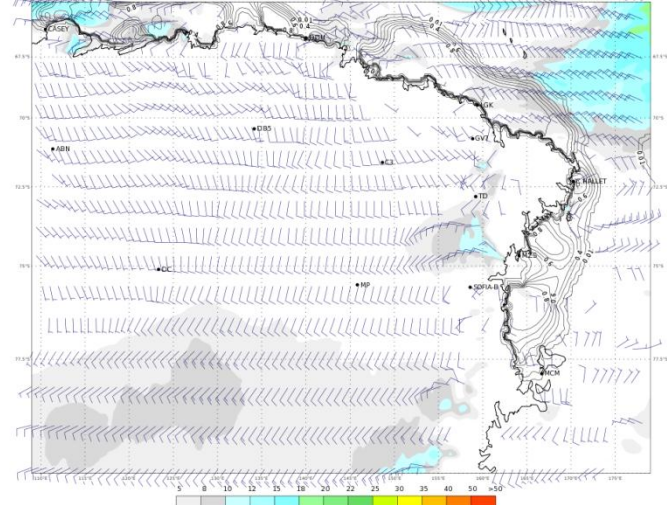
ECMWF 15 Gennaio 2018 00UTC Forecast T+36 VT: Martedì 16 Gennaio 2018 12UTC
Terra Vittoria - Geopotential at 500 hPa + 6h accumulated precipitation (mm)



ECMWF 15 Gennaio 2018 00UTC Forecast T+36 VT: Martedì 16 Gennaio 2018 12UTC
Terra Vittoria - Temperature at 2 m (°C)



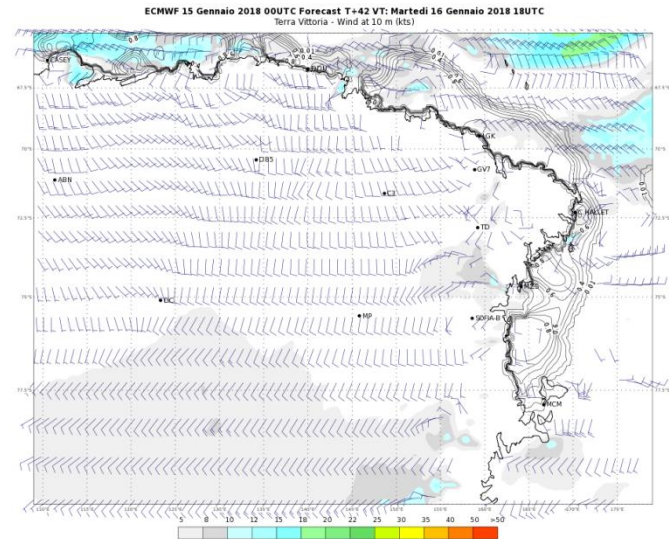
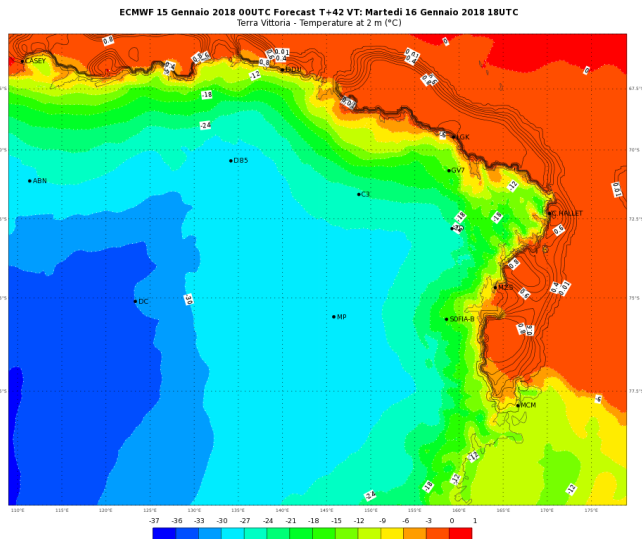
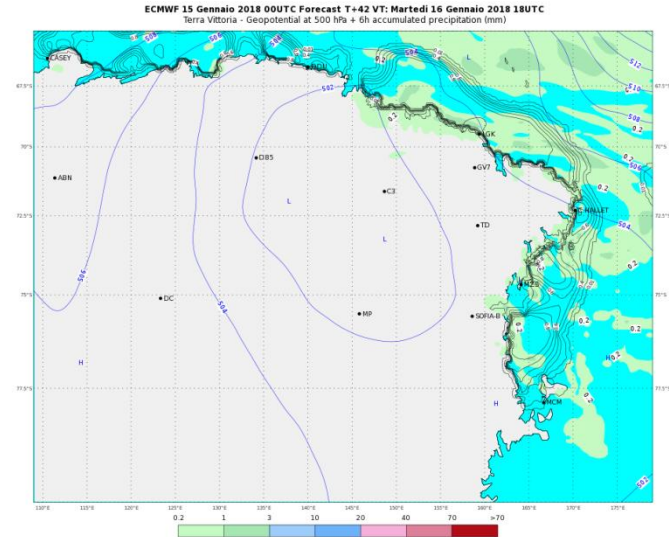
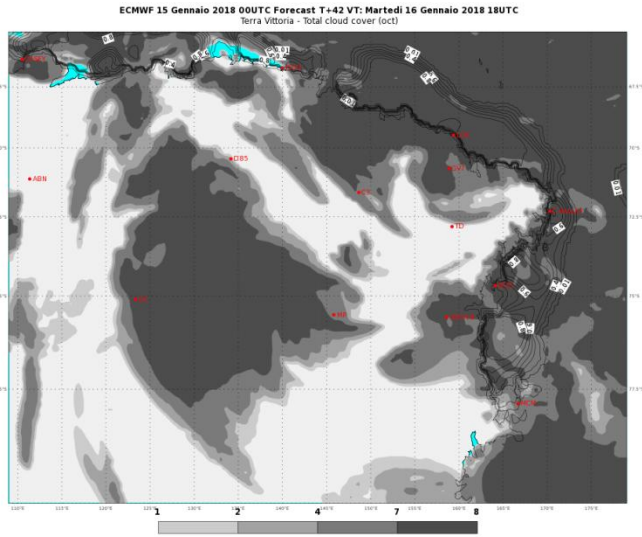
ECMWF 15 Gennaio 2018 00UTC Forecast T+36 VT: Martedì 16 Gennaio 2018 12UTC
Terra Vittoria - Wind at 10 m (kts)



PREVISIONI - FORECASTS

DOMANI - ORE 07 LT

TOMORROW - 07 LT

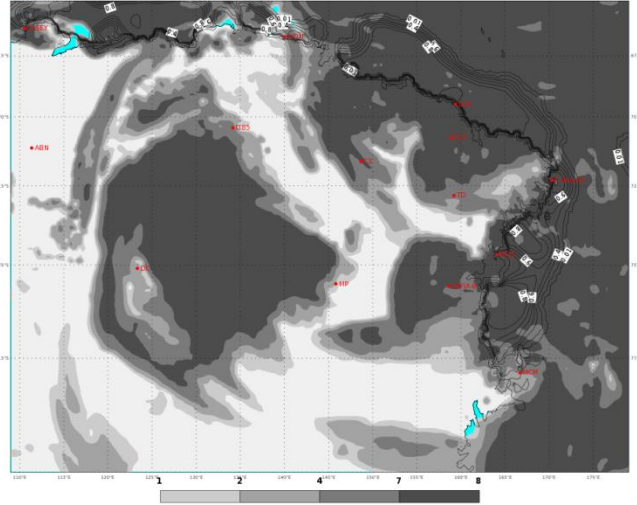


PREVISIONI - FORECASTS

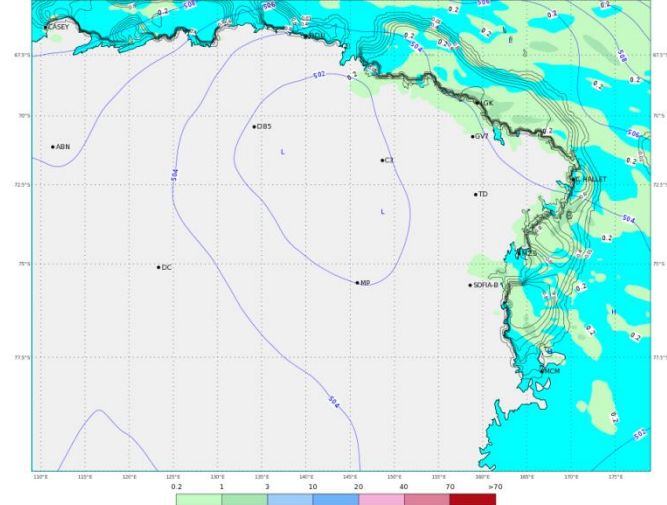
DOMANI - ORE 13 LT

TOMORROW - 13 LT

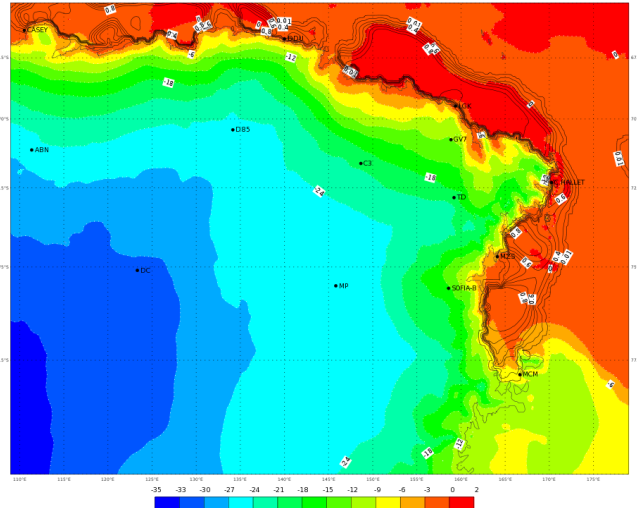
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Terra Vittoria - Total cloud cover (oct)



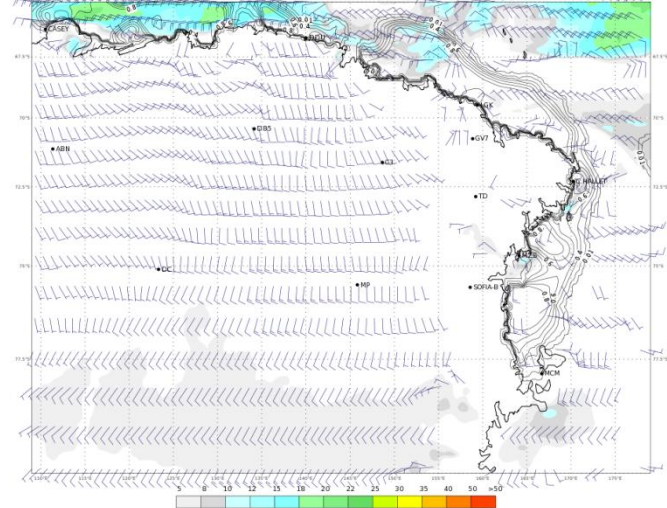
ECMWF 15 Gennaio 2018 00UTC Forecast T+48 VT: Mercoledì 17 Gennaio 2018 00UTC
Terra Vittoria - Geopotential at 500 hPa + 6h accumulated precipitation (mm)



ECMWF 15 Gennaio 2018 00UTC Forecast T+48 VT: Mercoledì 17 Gennaio 2018 00UTC
Terra Vittoria - Temperature at 2 m (°C)



ECMWF 15 Gennaio 2018 00UTC Forecast T+48 VT: Mercoledì 17 Gennaio 2018 00UTC
Terra Vittoria - Wind at 10 m (kts)

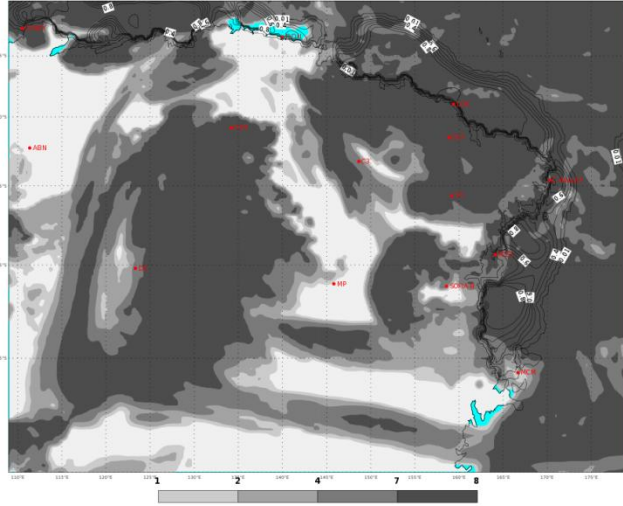


PREVISIONI - FORECASTS

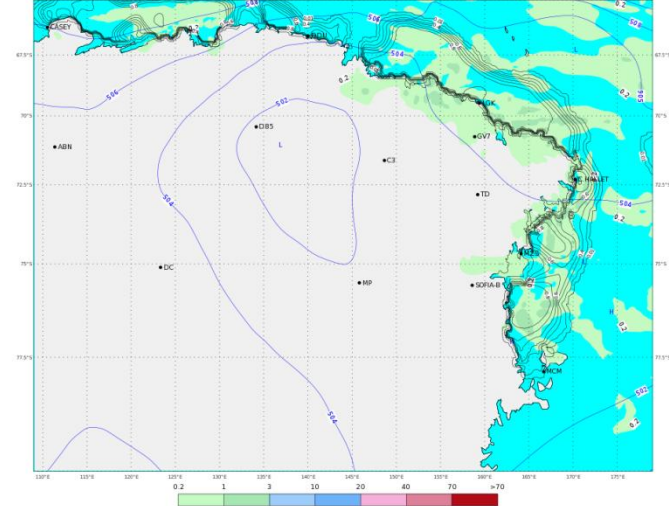
DOMANI - ORE 19 LT

TOMORROW - 19 LT

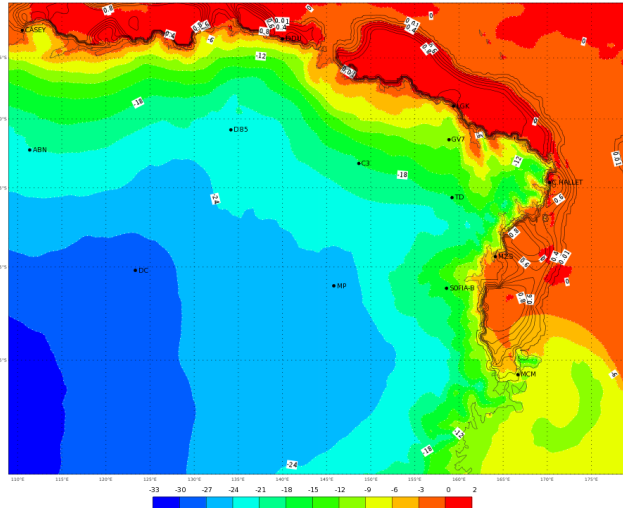
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Terra Vittoria - Total cloud cover (oct)



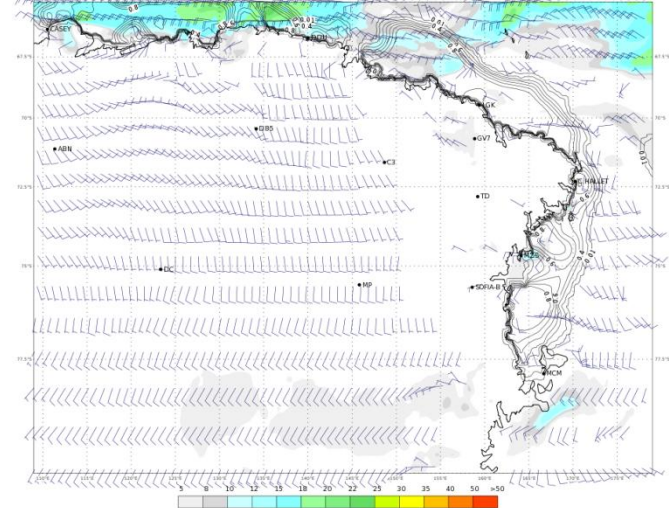
ECMWF 15 Gennaio 2018 00UTC Forecast T+54 VT: Mercoledì 17 Gennaio 2018 06UTC
Terra Vittoria - Geopotential at 500 hPa + 6h accumulated precipitation (mm)



ECMWF 15 Gennaio 2018 00UTC Forecast T+54 VT: Mercoledì 17 Gennaio 2018 06UTC
Terra Vittoria - Temperature at 2 m (°C)






ECMWF 15 Gennaio 2018 00UTC Forecast T+54 VT: Mercoledì 17 Gennaio 2018 06UTC
Terra Vittoria - Wind at 10 m (kts)





WEATHER FORECAST FOR TOMORROW AT TERRA NOVA BAY

Wednesday 17/01/2018

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

WEATHER TENDENCY AT TERRA NOVA BAY

Thursday 18/01/2018

	MATTINO	POMERIGGIO
CIELO		
FENOMENI	NIL	NIL
VENTO MZS	WSW 05/10 KT	WSW 05/10 KT
VENTO BOULDER	WNW 10/15 KT	WSW 10/15 KT
TEMPERATURA [°C]	-04/-02 °C	-04/-02 °C
WIND CHILL [°C]	-10/-07 °C	-10/-07 °C
AVVISI	NIL	NIL



Extreme Values of Yesterday



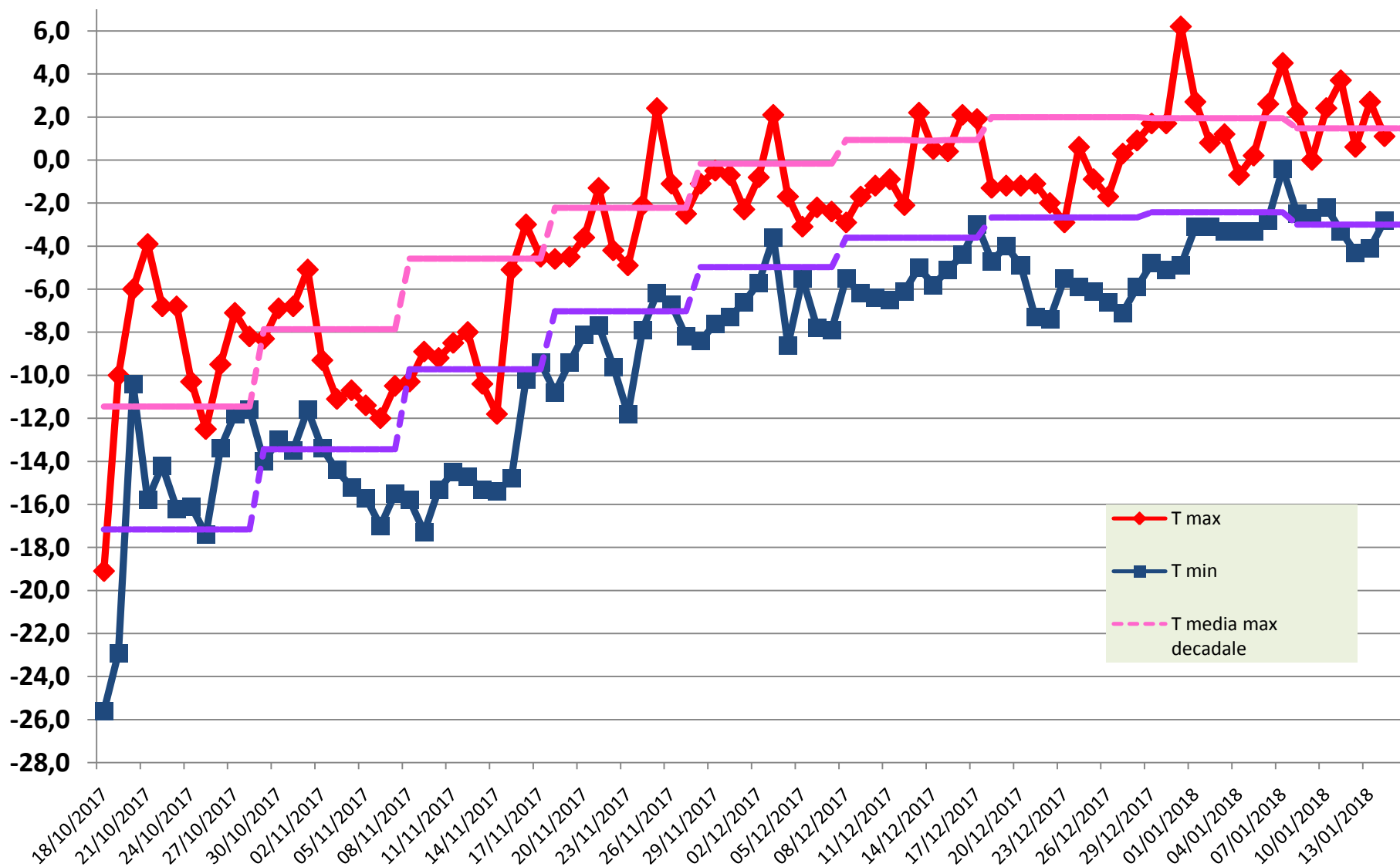
15/01/2018 UTC time (13:00 14/01 - 13:00 15/01)		
MAX temperature	(ore 00:59/L)	1.1°C
MIN temperature	(ore 08:18/L)	-2.8 °C
MAX humidity	(ore 07:27/L)	100 %
MIN humidity	(ore 00:41/L)	40 %
MAX wind direction/speed	(ore 23:32/L)	203/20.9 KT

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

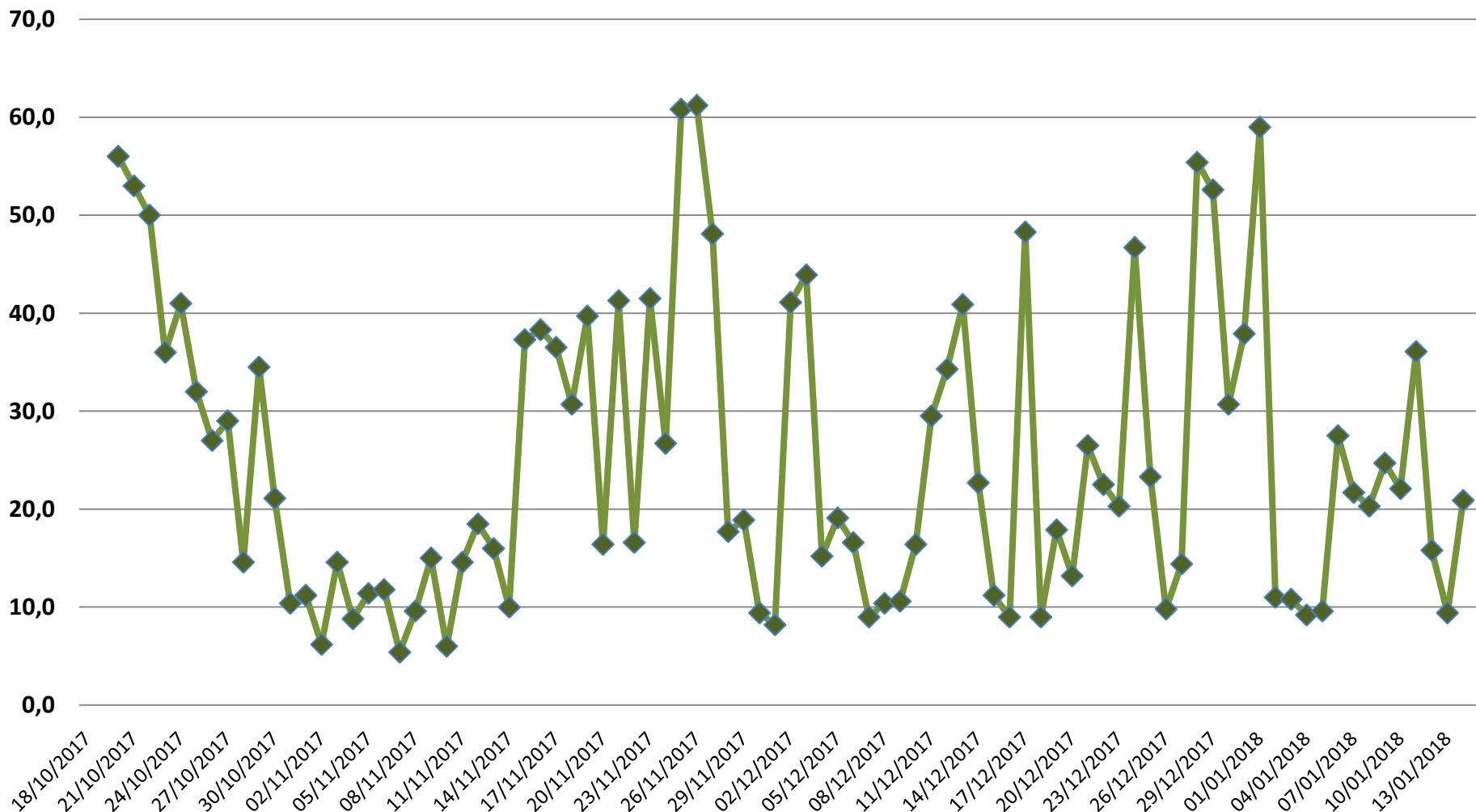
ENEIDE weather station (MZS) - Antarctic Climatology Observatory





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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