



WEATHER

Meteorological observations and forecasts

Wednesday 03/01/2018

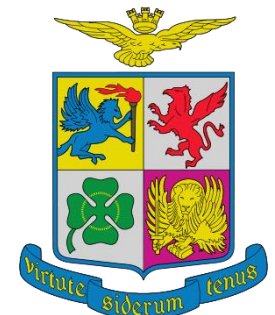
MET Office - "Mario Zucchelli" Base - Terranova Bay

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

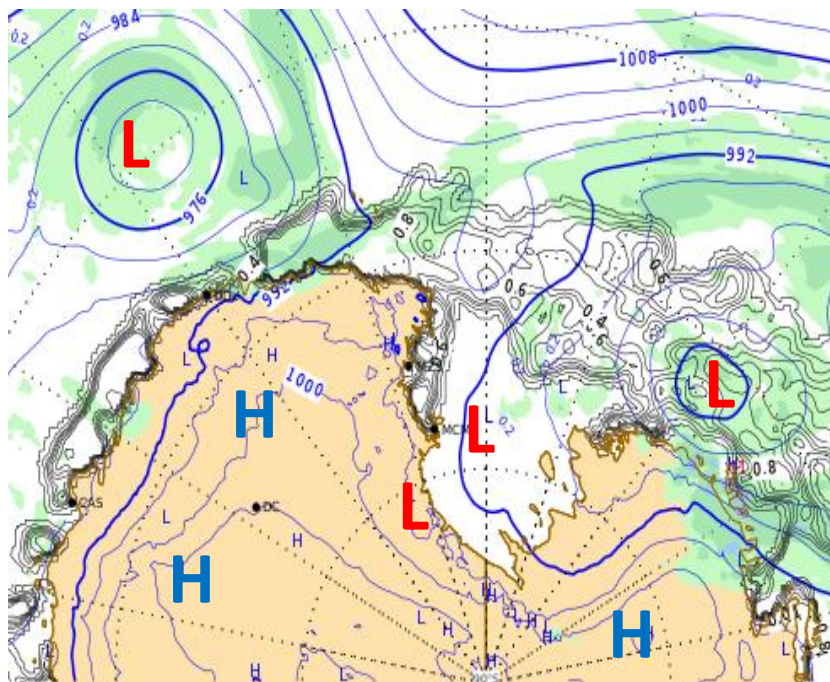
Meteorological observations and forecasts



Wednesday 03/01/2018

Sea Level Pressure + Precipitation at 07:00

Latest Report



MARIO ZUCHELLI Station

2018-01-02 17:07:00 UTC (74° 41' 45.3" S, 164° 05' 31.8" E)
<http://www.climantartide.it>

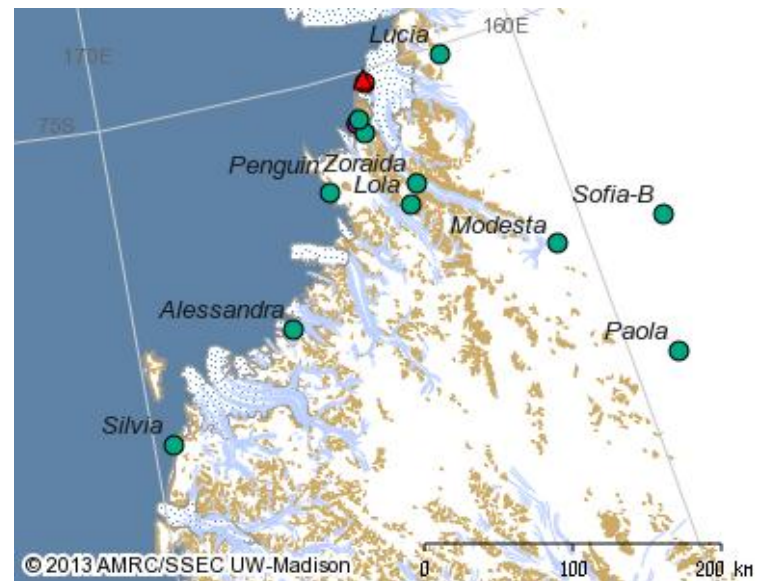
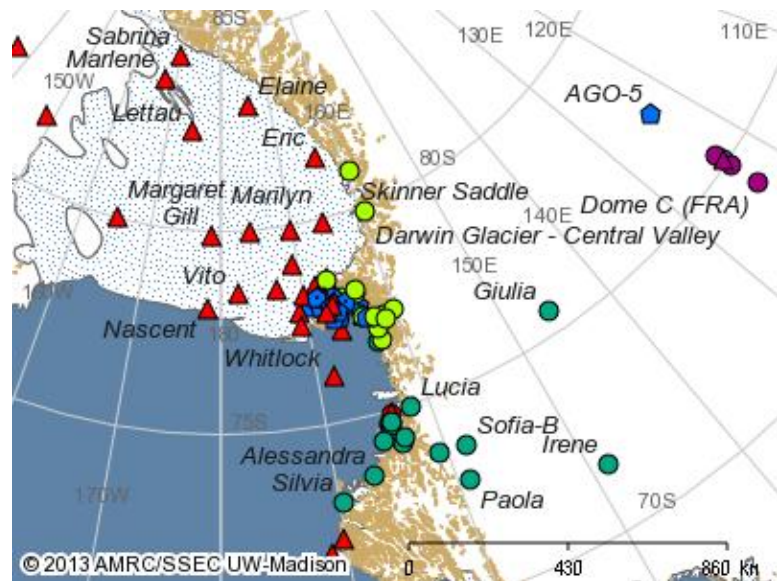
	Pressure (mba)	982.9
	Temperature (C°)	-1.5
	Wind Speed (knt)	1.0
	Relative Humidity (%)	47
	Sun Radiation (W/m ²)	276

VENTO AREA BOULDER: WSW 30 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	2018-01-02 16:00	290	0	3	-2.3	-2.0	-3.0	67	974.0
Arelis	2018-01-02 16:00	280	1	3	-1.8	-1.8	-2.5	11	974.6
Concordia	2018-01-02 16:00	160	8	12	-26.6	-26.3	-27.2	76	650.3
Eneide	2018-01-02 16:00	270	8	11	-1.3	-1.2	-2.2	39	982.5
Giulia	2018-01-02 16:00	190	5	12	-22.7	-22.4	-22.7	72	717.6
Lola	2018-01-02 16:00	210	6	9	-13.9	-13.8	-14.4	54	806.7
Modesta	2018-01-02 16:00	310	10	12	-23.1	-22.9	-23.7	75	769.8
Paola	2018-01-02 16:00	260	6	7	-26.0	-25.2	-26.0	77	//
Rita	2018-01-02 16:00	260	33	38	-4.7	-3.5	-5.2	49	958.7
Silvia	2018-01-02 16:00	350	1	5	-6.2	-6.1	-6.9	92	929.3
Sofiab	2018-01-02 16:00	150	7	8	-13.9	-13.2	-13.9	73	814.0
Zoraida	2018-01-02 16:00	320	22	27	-9.8	-9.0	-9.9	57	890.6

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



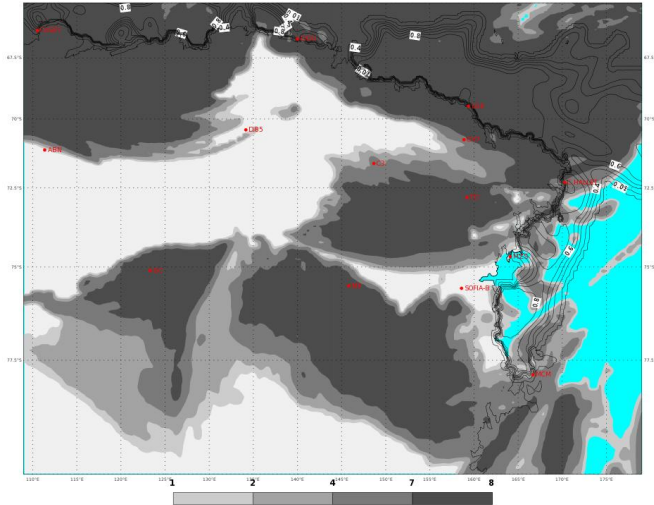
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PREVISIONI - FORECASTS

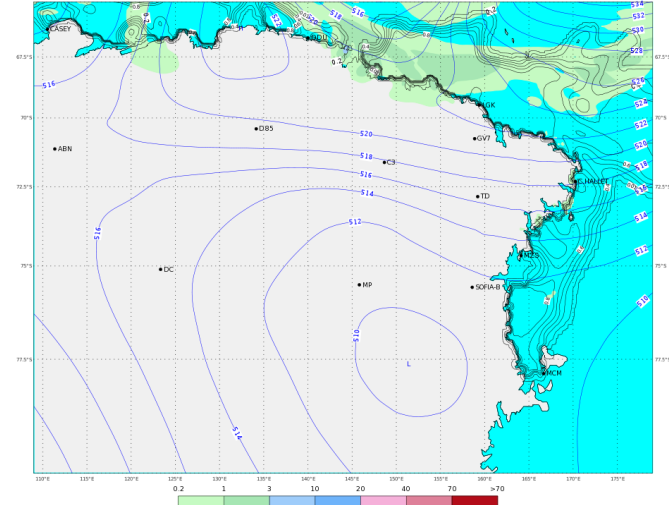
OGGI - ORE 07 LT

TODAY - 07 LT

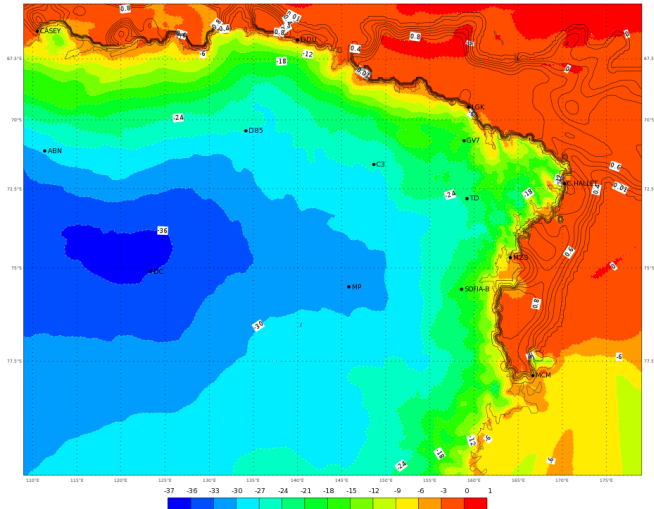
ECMWF 02 Gennaio 2018 00UTC Forecast T+18 VT: Martedì 02 Gennaio 2018 18UTC
Terra Vittoria - Total cloud cover (oct)



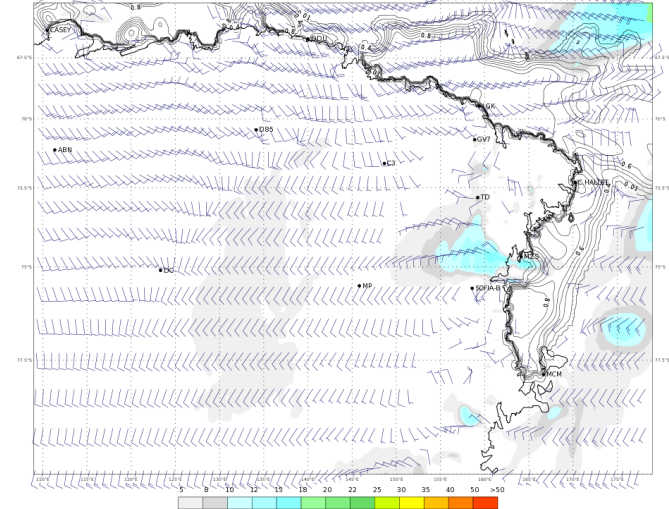
ECMWF 02 Gennaio 2018 00UTC Forecast T+18 VT: Martedì 02 Gennaio 2018 18UTC
Terra Vittoria - Geopotential at 500 hPa + 6h accumulated precipitation (mm)



ECMWF 02 Gennaio 2018 00UTC Forecast T+18 VT: Martedì 02 Gennaio 2018 18UTC
Terra Vittoria - Temperature at 2 m (°C)



ECMWF 02 Gennaio 2018 00UTC Forecast T+18 VT: Martedì 02 Gennaio 2018 18UTC
Terra Vittoria - Wind at 10 m (kts)

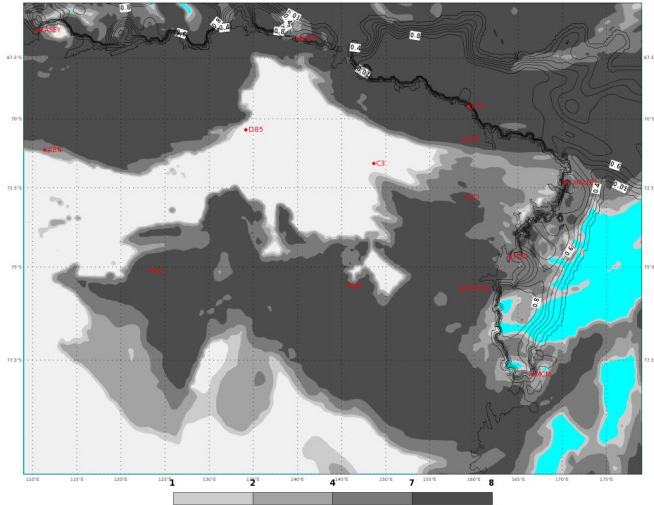


PREVISIONI - FORECASTS

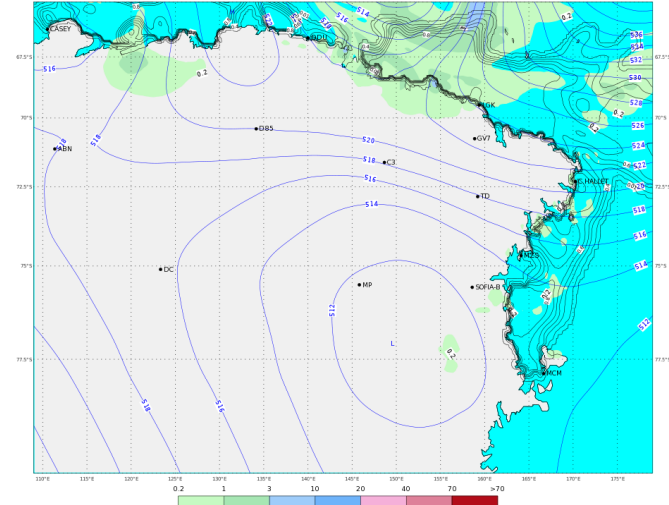
OGGI - ORE 13 LT

TODAY - 13 LT

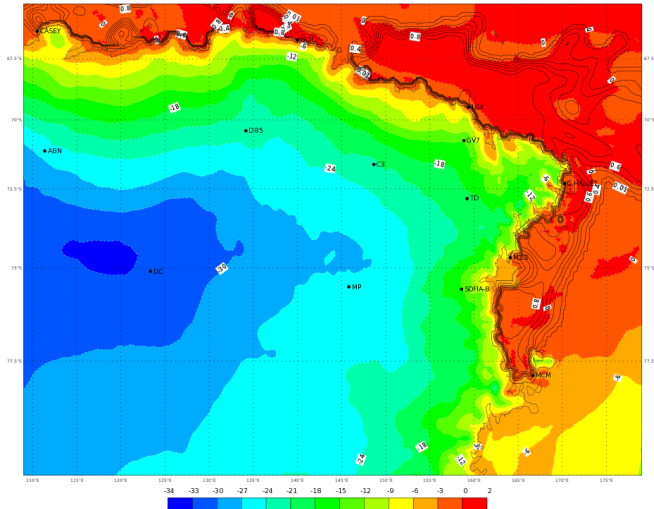
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Terra Vittoria - Total cloud cover (oct)



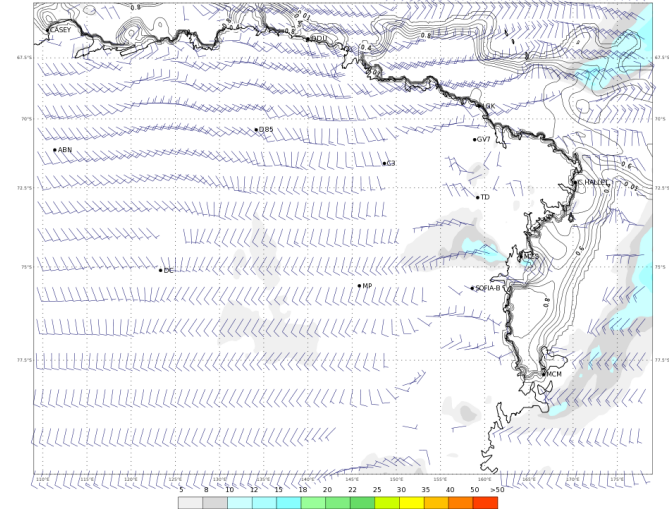
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Terra Vittoria - Geopotential at 500 hPa + 6h accumulated precipitation (mm)



ECMWF 02 Gennaio 2018 00UTC Forecast T+24 VT: Mercoledì 03 Gennaio 2018 00UTC
Terra Vittoria - Temperature at 2 m (°C)



ECMWF 02 Gennaio 2018 00UTC Forecast T+24 VT: Mercoledì 03 Gennaio 2018 00UTC
Terra Vittoria - Wind at 10 m (kts)

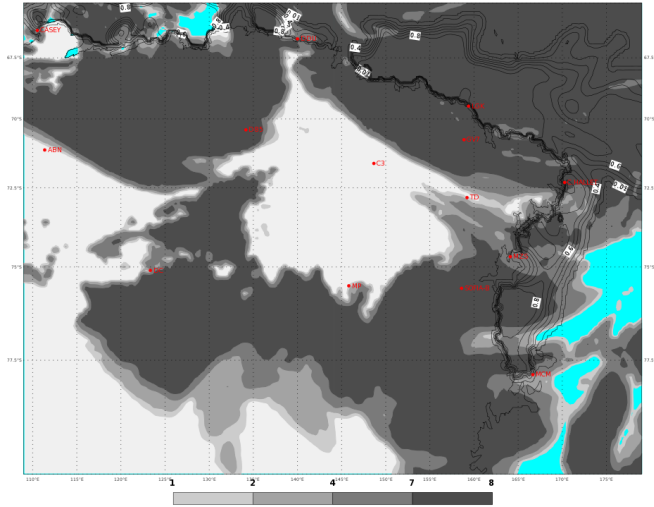


PREVISIONI - FORECASTS

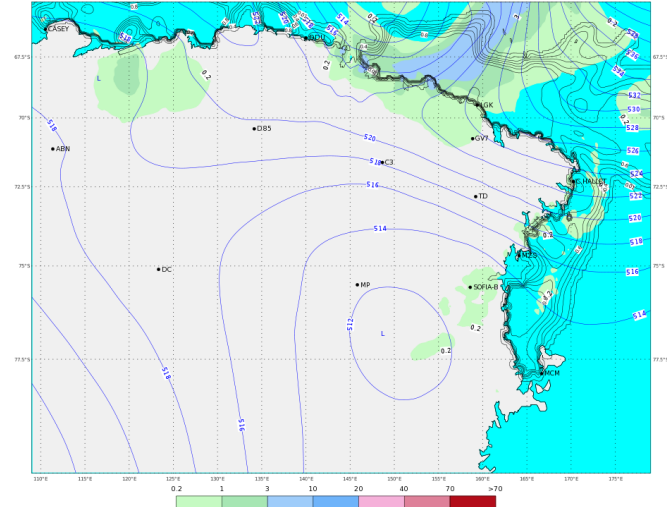
OGGI - ORE 19 LT

TODAY - 19 LT

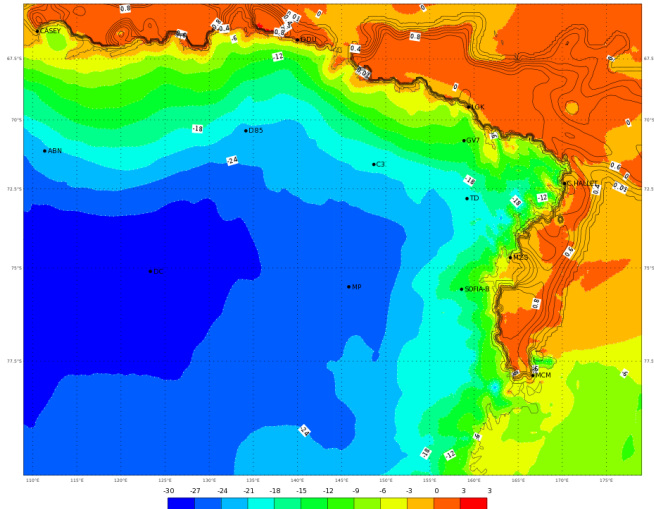
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Terra Vittoria - Total cloud cover (oct)



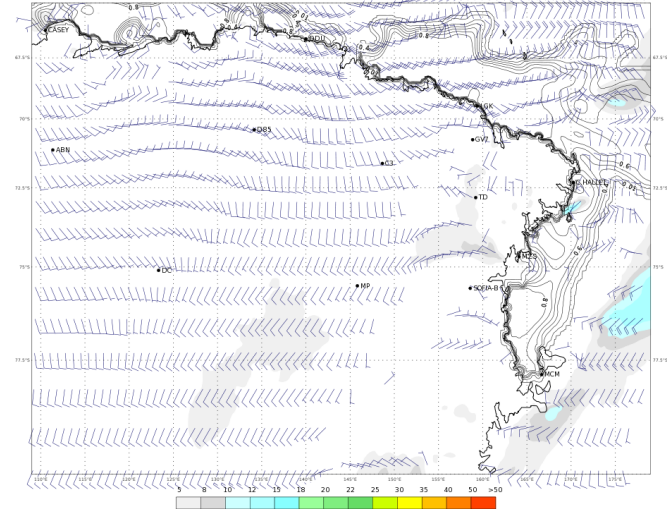
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Terra Vittoria - Geopotential at 500 hPa + 6h accumulated precipitation (mm)



ECMWF 02 Gennaio 2018 00UTC Forecast T+30 VT: Mercoledì 03 Gennaio 2018 06UTC
Terra Vittoria - Temperature at 2 m (°C)






ECMWF 02 Gennaio 2018 00UTC Forecast T+30 VT: Mercoledì 03 Gennaio 2018 06UTC
Terra Vittoria - Wind at 10 m (kts)



WEATHER FORECAST FOR TODAY AT TERRA NOVA BAY

Wednesday 03/01/2018

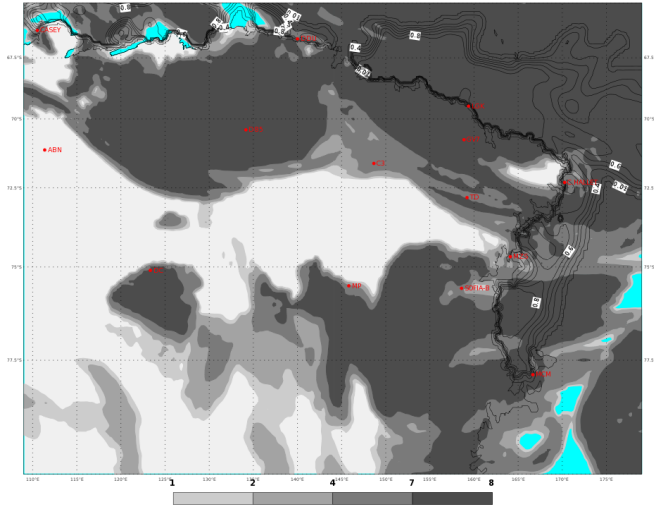
	ORE 07	ORE 13	ORE 19
CIELO			
FENOMENI	NIL	NIL	NIL
VENTO MZS	WNW 05/10 KT	WSW 05/10 KT	WNW 05/10 KT
VENTO BOULDER	WSW 25/35 KT	WSW 10/20 KT	WNW 10/20 KT
TEMPERATURA [°C]	-04/-02 °C	-03/-01 °C	-02/00 °C
WIND CHILL [°C]	-10/-07 °C	-09/-06 °C	-07/-05 °C
AVVISI	NIL	NIL	NIL

PREVISIONI - FORECASTS

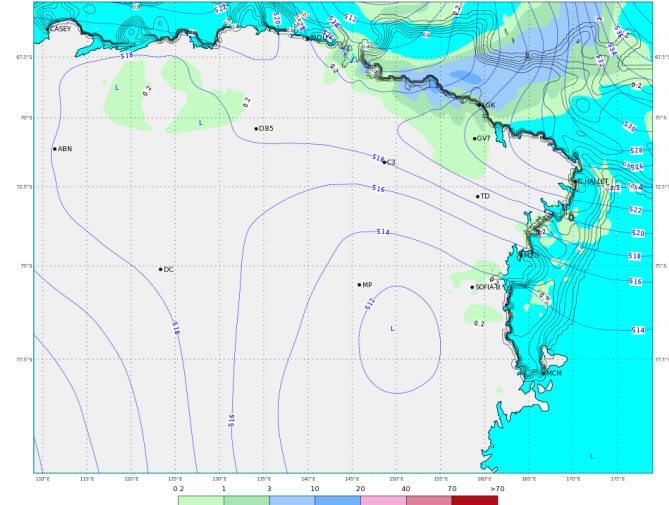
DOMANI - ORE 01 LT

TOMORROW - 01 LT

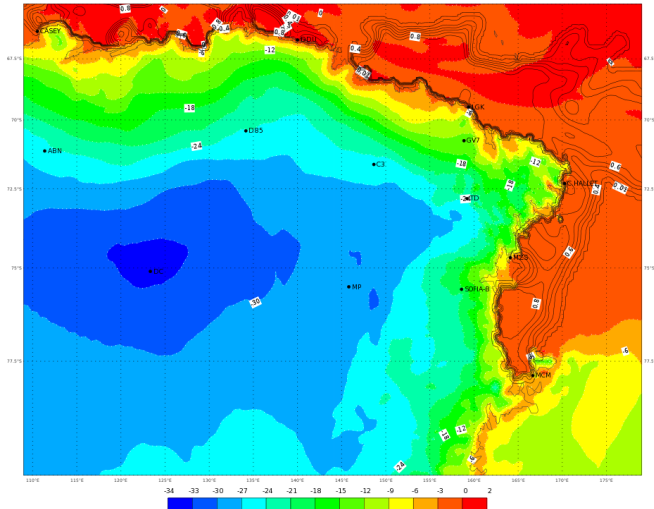
ECMWF 02 Gennaio 2018 00UTC Forecast T+36 VT: Mercoledì 03 Gennaio 2018 12UTC
Terra Vittoria - Total cloud cover (oct)



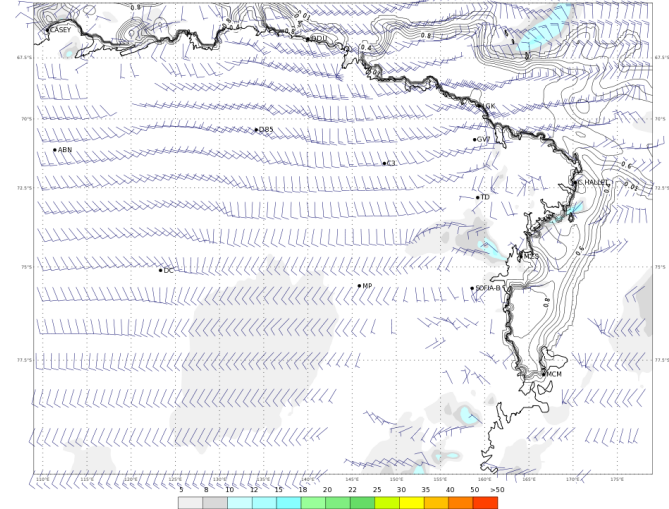
ECMWF 02 Gennaio 2018 00UTC Forecast T+36 VT: Mercoledì 03 Gennaio 2018 12UTC
Terra Vittoria - Geopotential at 500 hPa + 6h accumulated precipitation (mm)



ECMWF 02 Gennaio 2018 00UTC Forecast T+36 VT: Mercoledì 03 Gennaio 2018 12UTC
Terra Vittoria - Temperature at 2 m (°C)



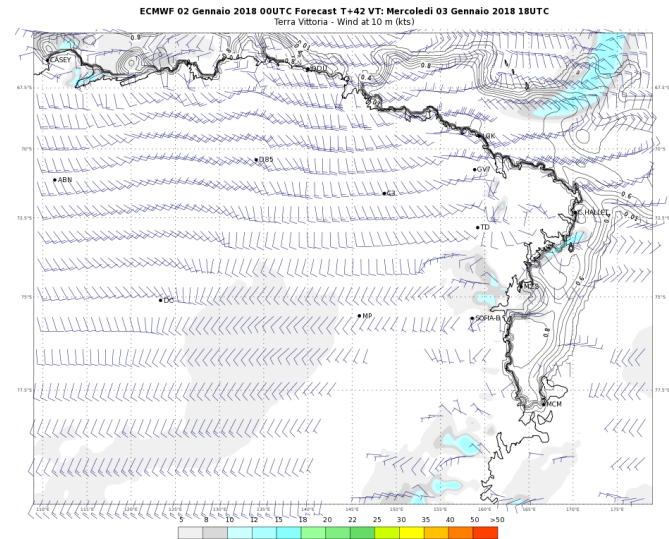
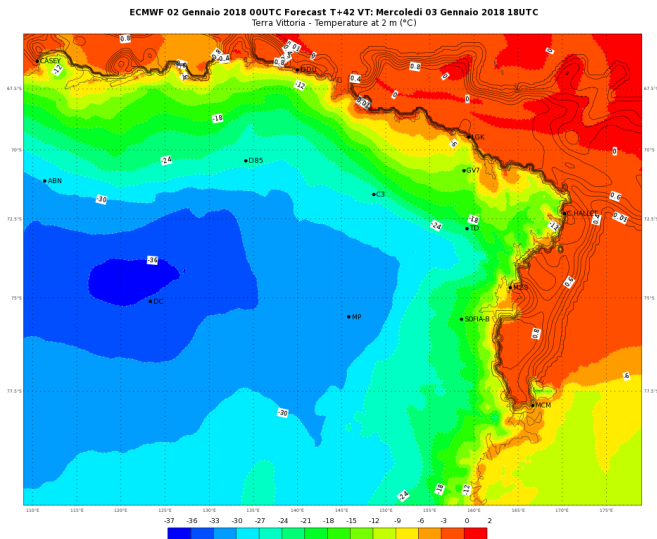
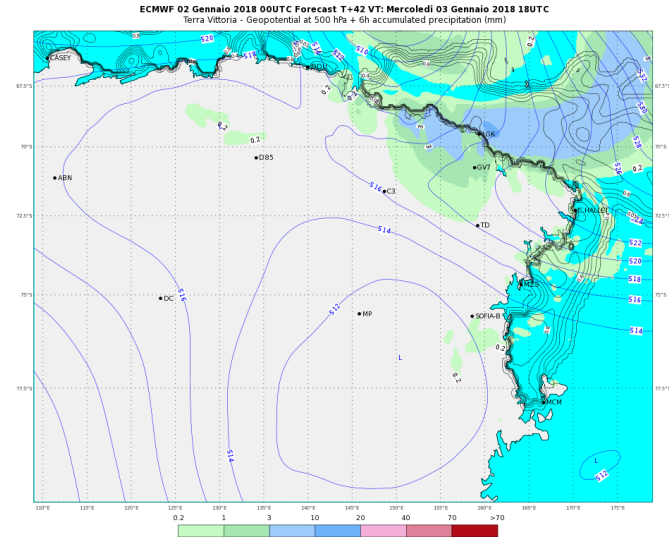
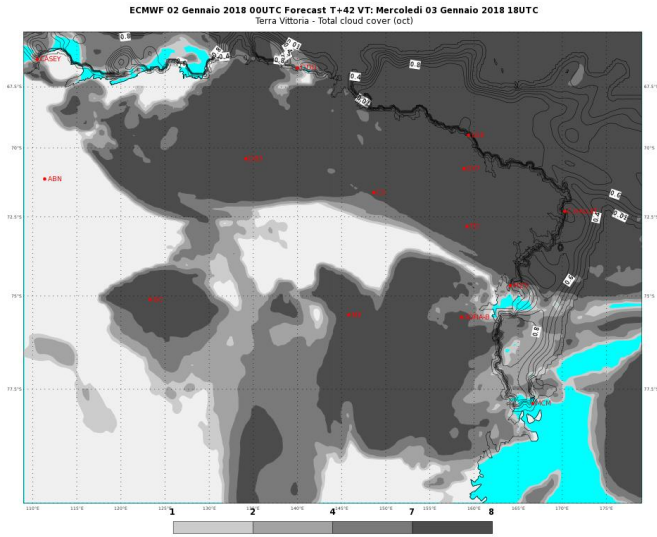
ECMWF 02 Gennaio 2018 00UTC Forecast T+36 VT: Mercoledì 03 Gennaio 2018 12UTC
Terra Vittoria - Wind at 10 m (kts)



PREVISIONI - FORECASTS

DOMANI - ORE 07 LT

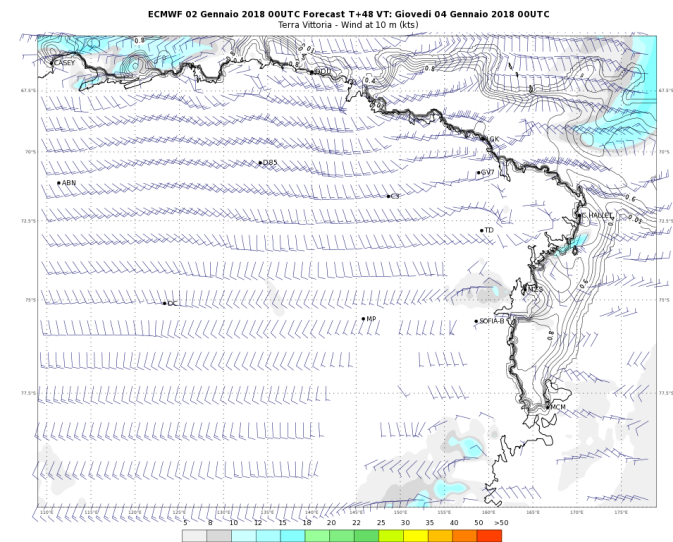
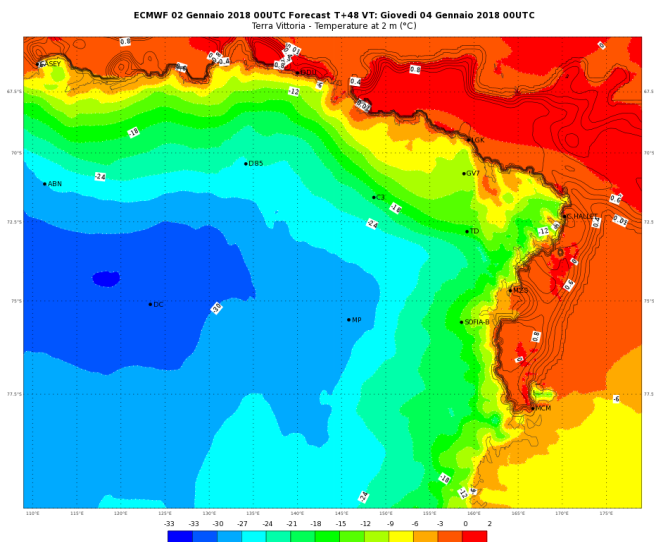
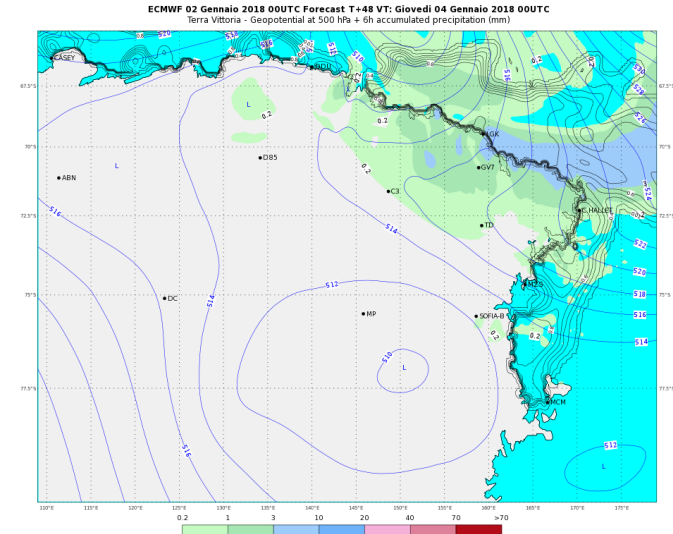
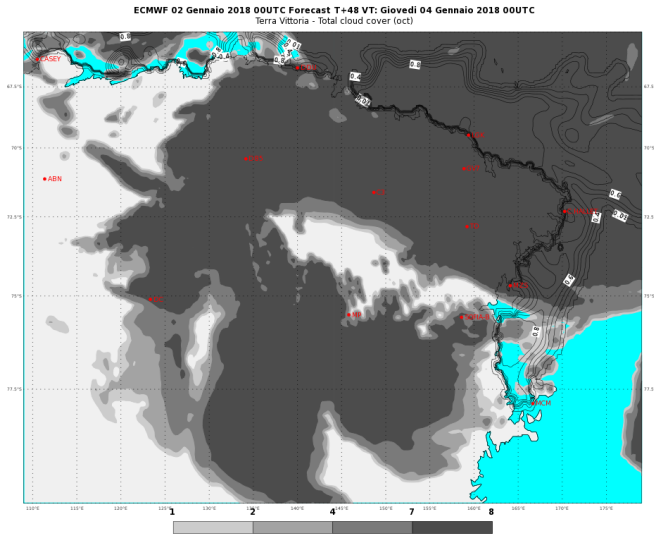
TOMORROW - 07 LT



PREVISIONI - FORECASTS

DOMANI - ORE 13 LT

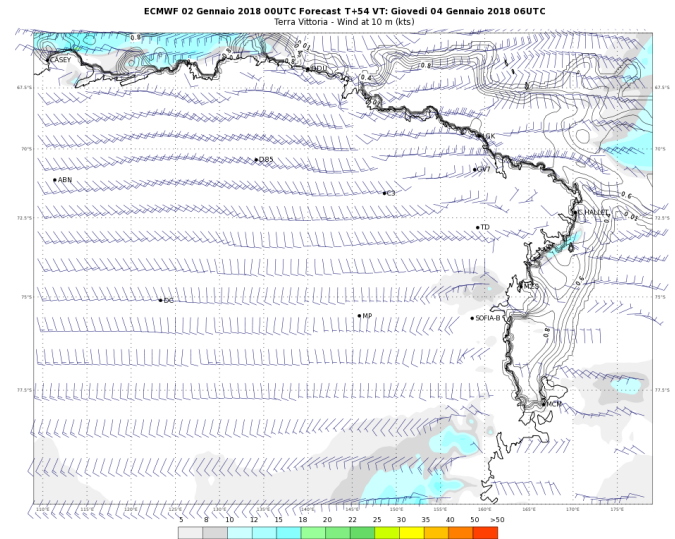
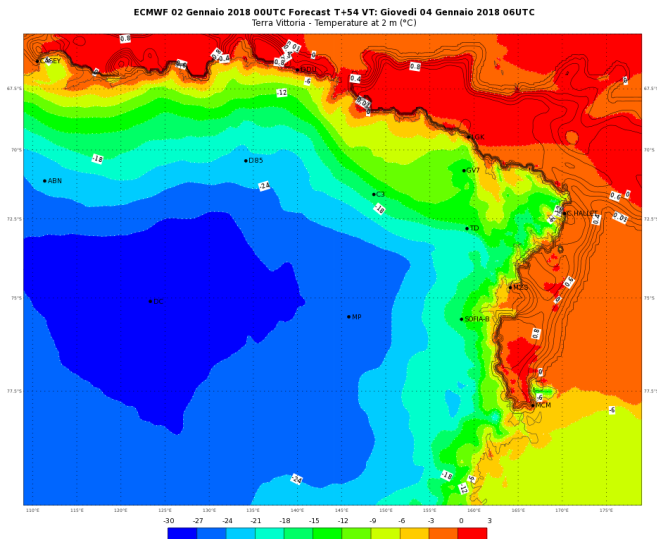
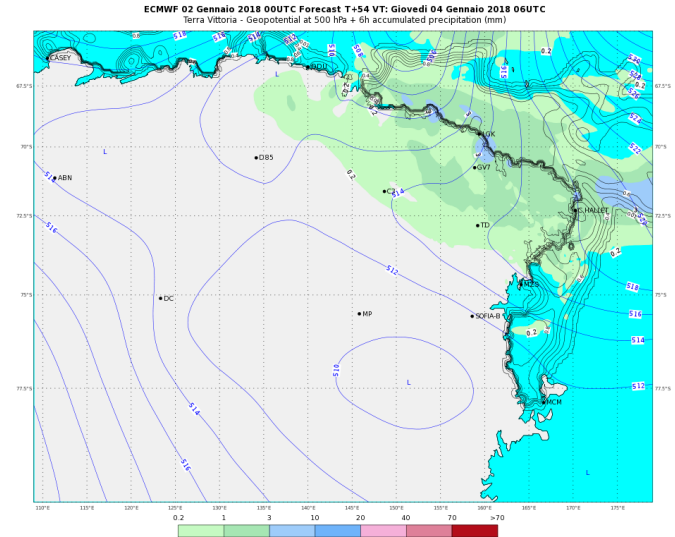
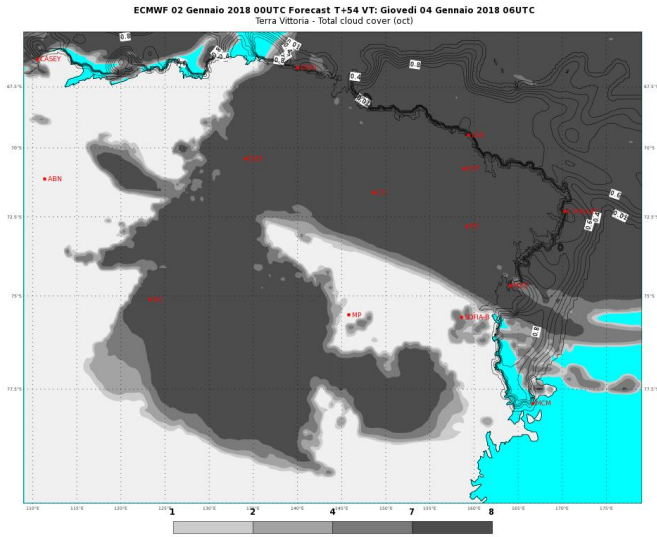
TOMORROW - 13 LT



PREVISIONI - FORECASTS




DOMANI - ORE 19 LT

TOMORROW - 19 LT





WEATHER FORECAST FOR TOMORROW AT TERRA NOVA BAY

Thursday 04/01/2018

	ORE 07	ORE 13	ORE 19
CIELO			
FENOMENI	NIL	NIL	NIL
VENTO MZS	W 05/10 KT	W 05/10 KT	WNW 05/10 KT
VENTO BOULDER	WSW 10/20 KT	WSW 10/20 KT	WNW 10/20 KT
TEMPERATURA [°C]	-03/-01 °C	-03/-01 °C	-02/00 °C
WIND CHILL [°C]	-09/-06 °C	-09/-06 °C	-07/-05 °C
AVVISI	NIL	NIL	NIL

WEATHER TENDENCY AT TERRA NOVA BAY

Friday 05/01/2018

	MATTINO	POMERIGGIO
CIELO		
FENOMENI	NIL	POSSIBILE DEBOLE NEVISCHIO
VENTO MZS	SSE 05/10 KT	NNE 05/10 KT
VENTO BOULDER	WSW 10/20 KT	WNW 10/20 KT
TEMPERATURA [°C]	-02/00 °C	-02/00 °C
WIND CHILL [°C]	-07/-05 °C	-07/-05 °C
AVVISI	NIL	NIL



Extreme Values of Yesterday



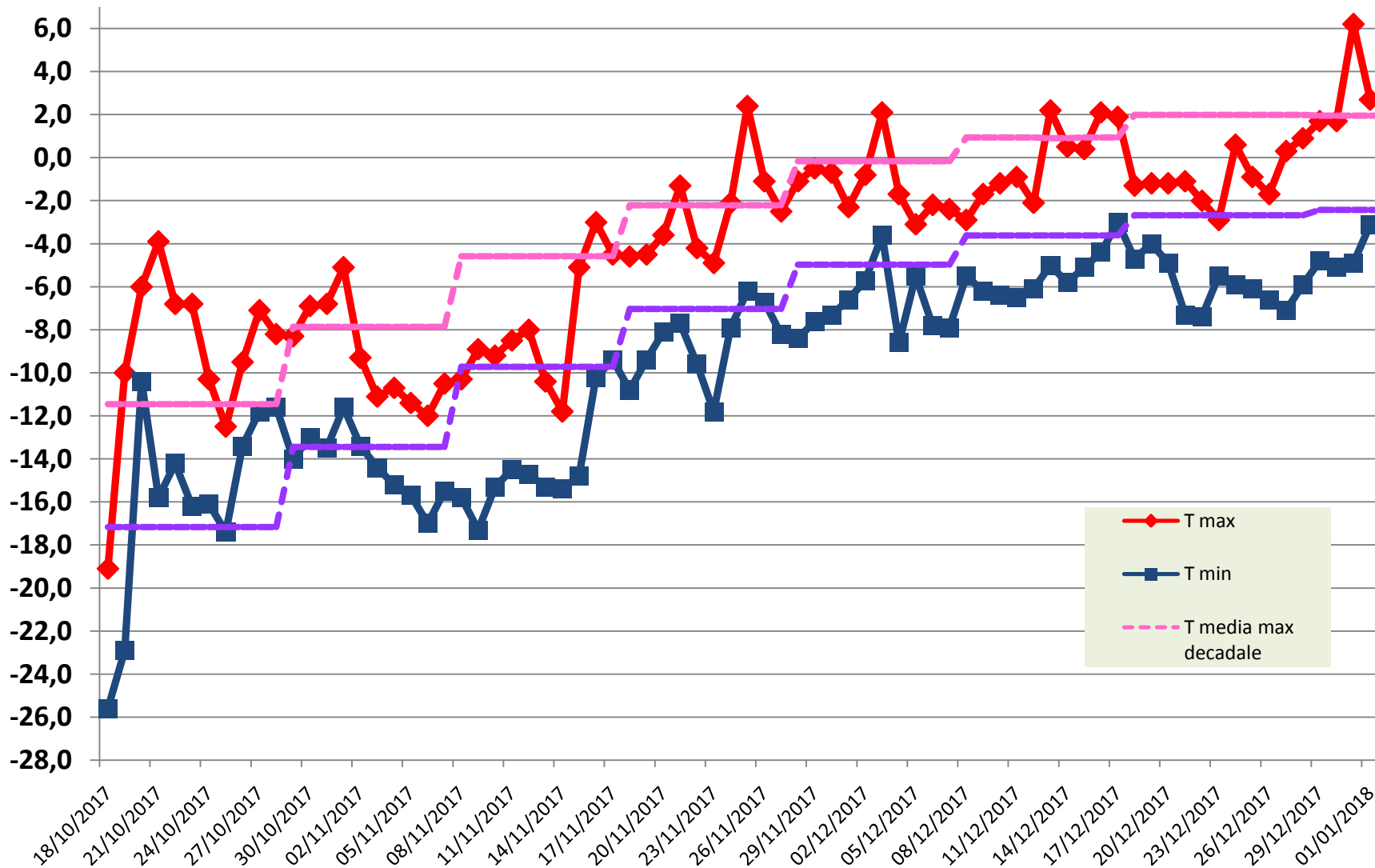
02/01/2018 UTC time (13:00 01/01 - 13:00 02/01)		
MAX temperature	(ore 00:02/L)	+2.7°C
MIN temperature	(ore 06:41/L)	-3.1 °C
MAX humidity	(ore 17:41/L)	83 %
MIN humidity	(ore 00:35/L)	21 %
MAX wind direction/speed	(ore 09:21/L)	248/59.0 KT

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

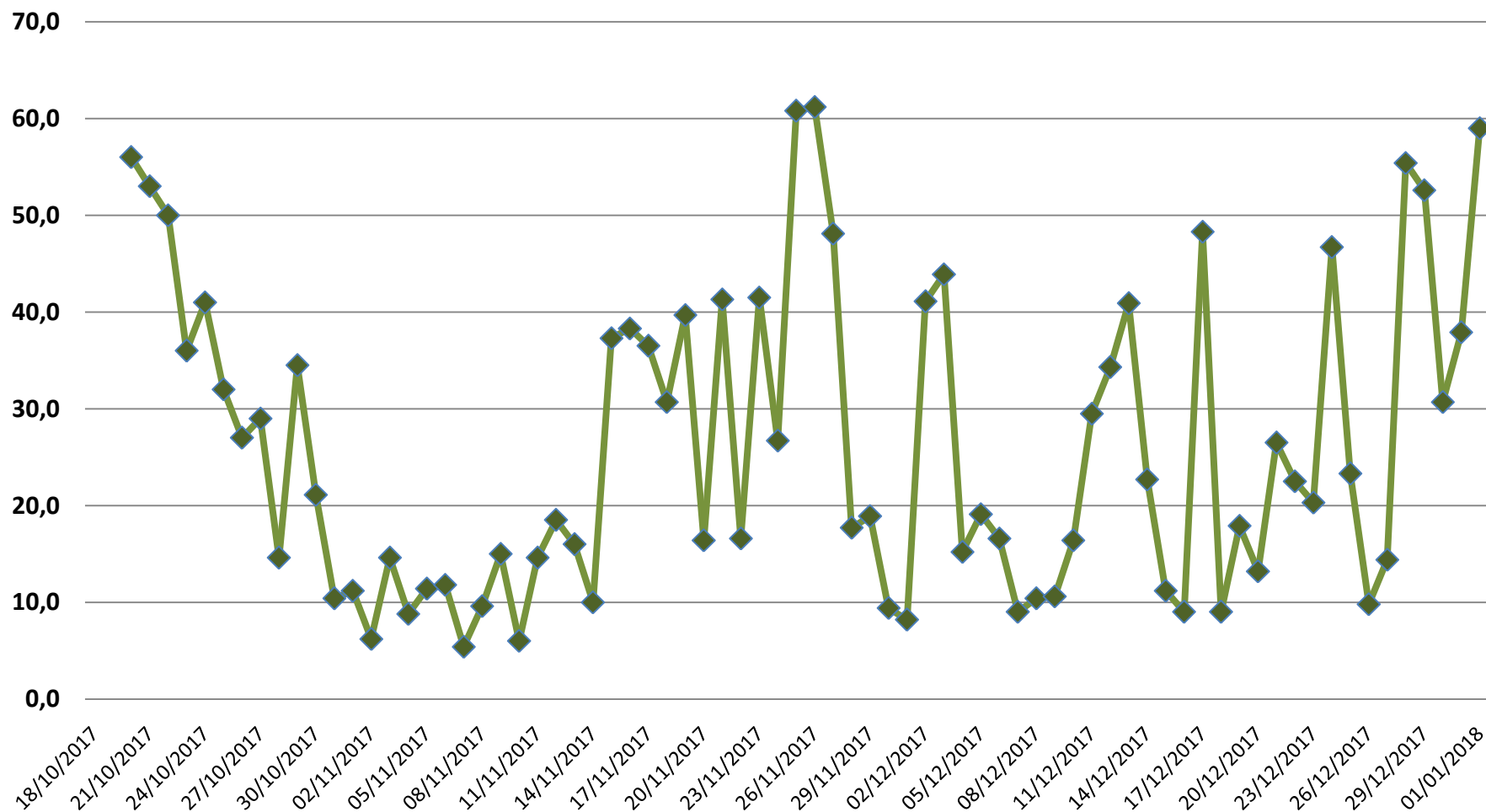
ENEIDE weather station (MZS) - Antarctic Climatology Observatory





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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