



WEATHER

Meteorological observations and forecasts

Sunday 07/01/2018

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

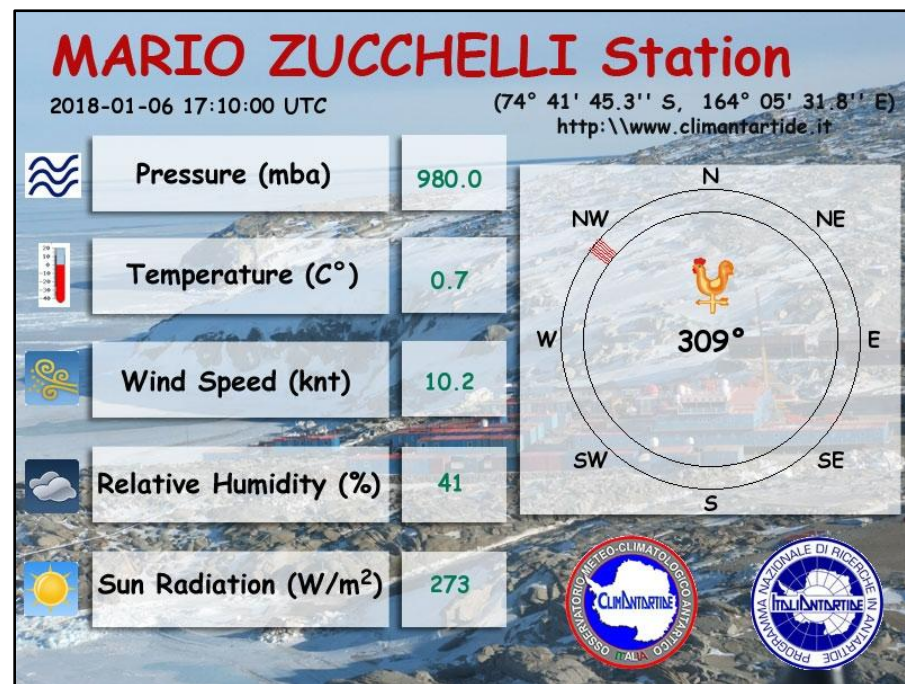
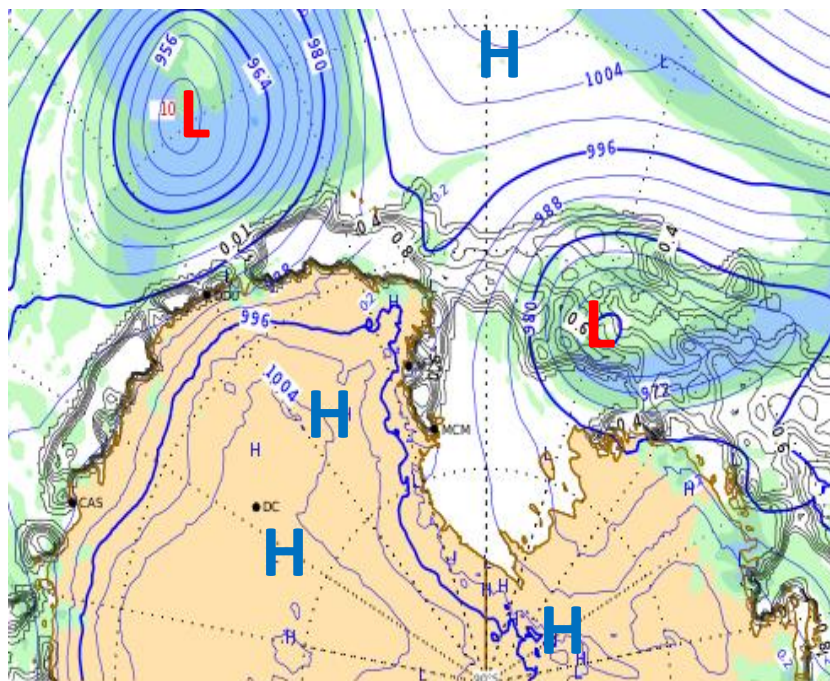
Meteorological observations and forecasts



Sunday 07/01/2018

Sea Level Pressure + Precipitation at 07:00

Latest Report

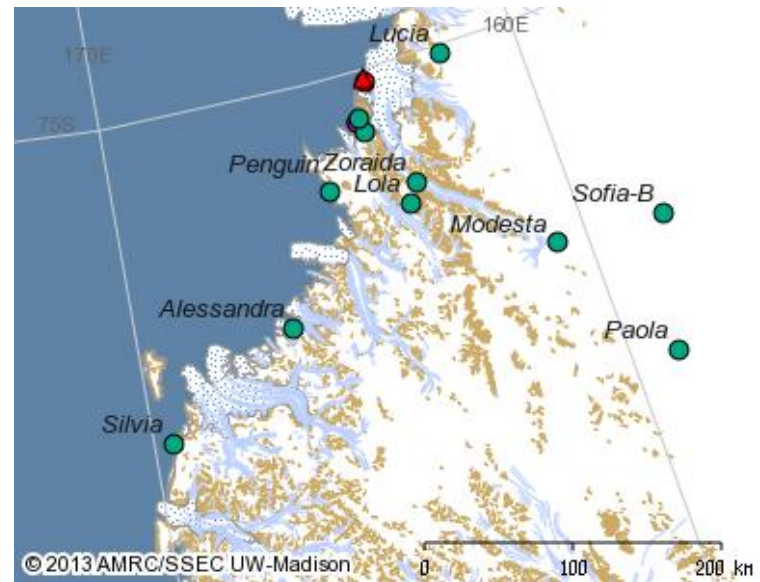
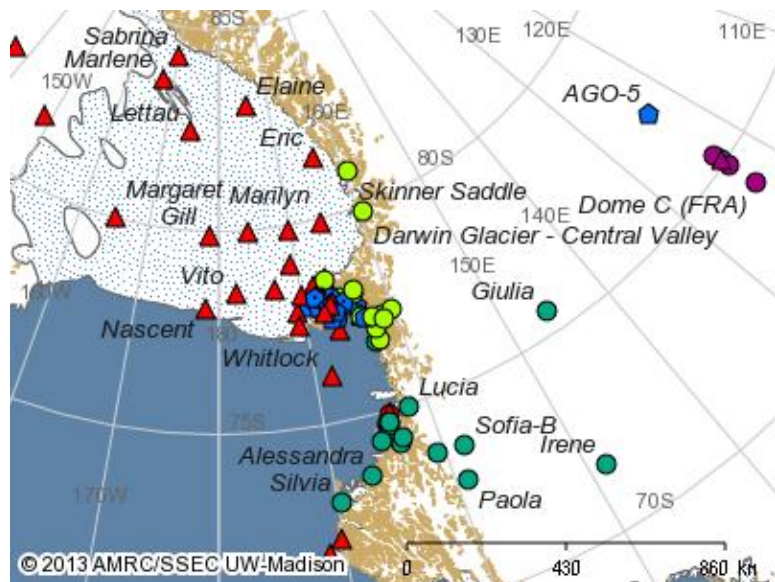


VENTO AREA BOULDER: WNW 30 KT (06:10 loc time recorded)

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	2018-01-06 16:00	180	0	5	0.3	0.5	-1.3	53	972.3
Arelis	2018-01-06 16:00	290	5	8	-1.2	-1.2	-3.8	11	971.1
Concordia	2018-01-06 16:00	130	6	11	-28.0	-27.3	-28.3	76	649.8
Eneide	2018-01-06 15:00	0	2	19	0.1	0.9	-0.4	42	980.2
Giulia	2018-01-06 16:00	210	5	7	-27.6	-27.0	-27.6	75	719.6
Lola	2018-01-06 16:00	220	11	14	-13.8	-12.8	-14.0	63	806.1
Modesta	2018-01-06 16:00	310	4	9	-17.9	-17.8	-18.2	84	770.8
Paola	2018-01-06 15:00	190	6	11	-21.7	-21.3	-21.8	82	//
Rita	2018-01-06 16:00	290	25	29	-1.2	-0.2	-1.5	41	958.2
Silvia	2018-01-06 16:00	240	8	24	-4.8	-4.5	-5.3	81	928.0
Sofiab	2018-01-06 16:00	200	6	11	-15.6	-15.6	-16.7	66	813.3
Zoraida	2018-01-06 16:00	300	17	28	-8.5	-8.1	-8.5	75	889.8

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



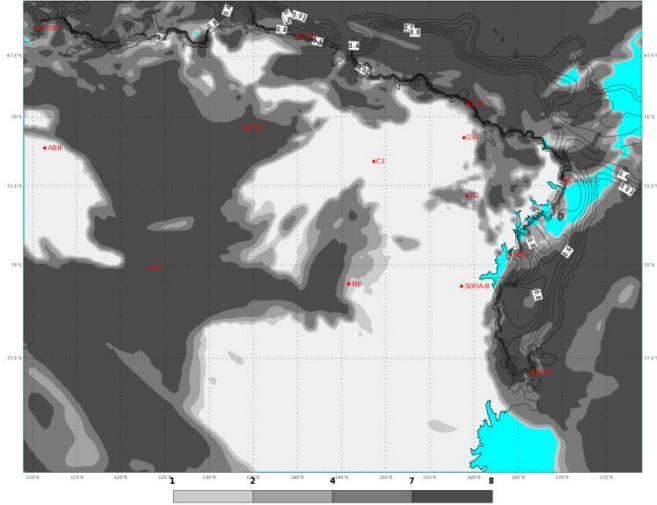
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PREVISIONI - FORECASTS

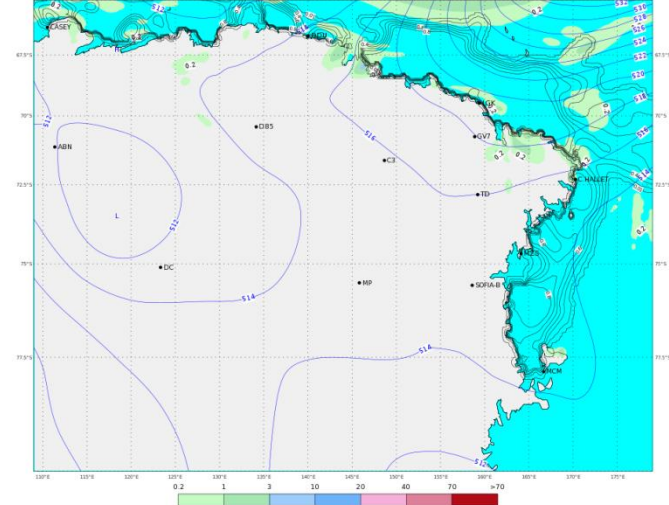
OGGI - ORE 07 LT

TODAY - 07 LT

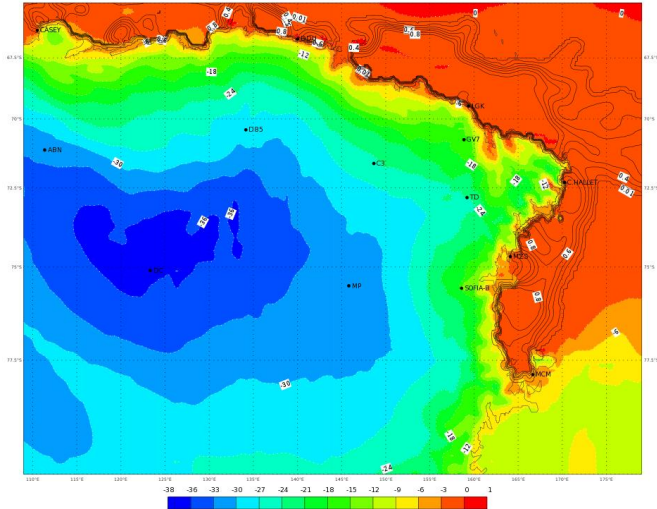
ECMWF 06 Gennaio 2018 00UTC Forecast T+18 VT: Sabato 06 Gennaio 2018 18UTC
Terra Vittoria - Total cloud cover (oct)



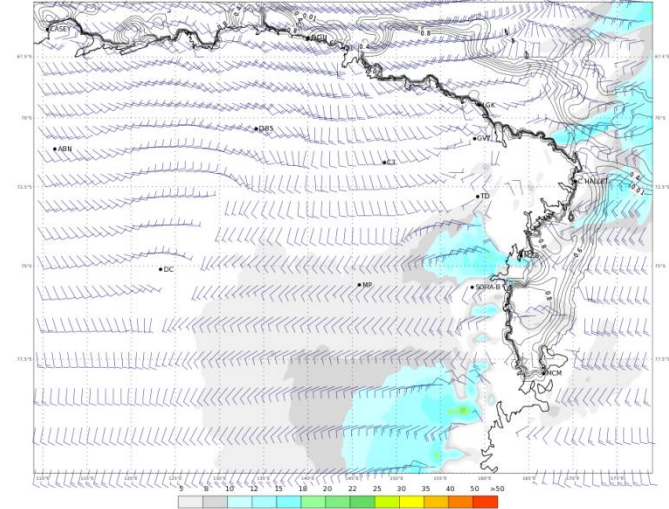
ECMWF 06 Gennaio 2018 00UTC Forecast T+18 VT: Sabato 06 Gennaio 2018 18UTC
Terra Vittoria - Geopotential at 500 hPa + 6h accumulated precipitation (mm)



ECMWF 06 Gennaio 2018 00UTC Forecast T+18 VT: Sabato 06 Gennaio 2018 18UTC
Terra Vittoria - temperature at 2 m (°C)



ECMWF 06 Gennaio 2018 00UTC Forecast T+18 VT: Sabato 06 Gennaio 2018 18UTC
Terra Vittoria - Wind at 10 m (kts)

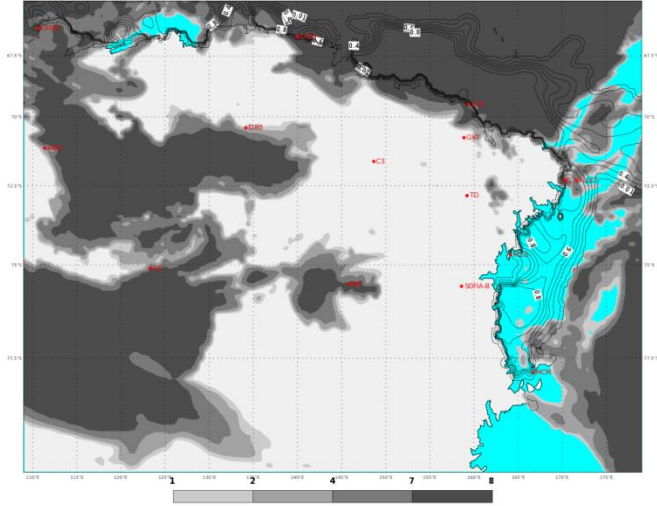


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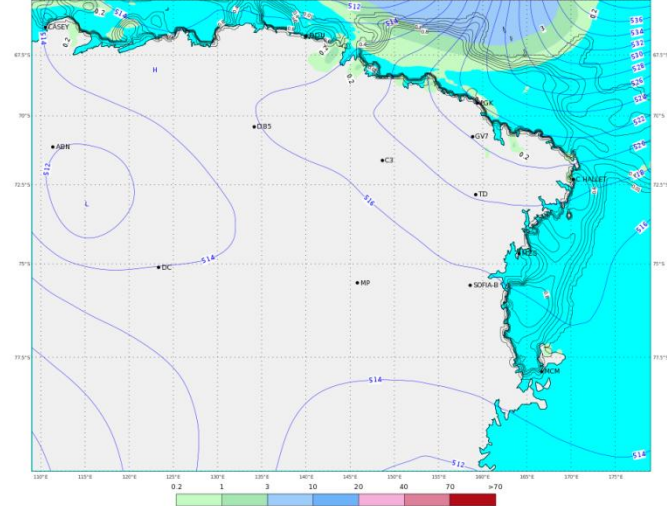
OGGI - ORE 13 LT

TODAY - 13 LT

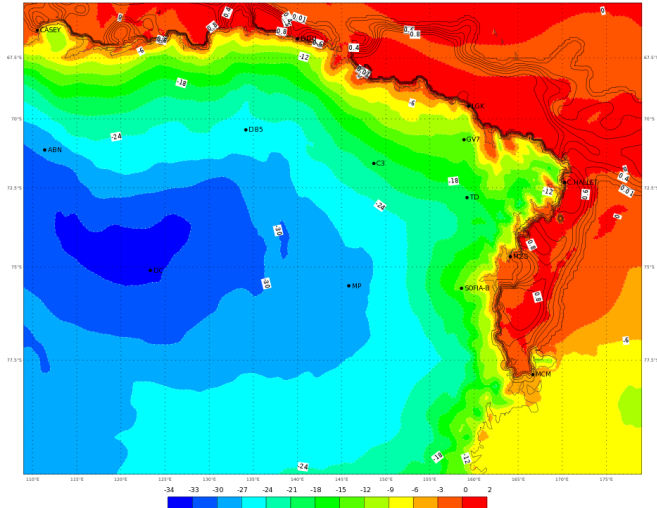
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Terra Vittoria - Total cloud cover (oct)



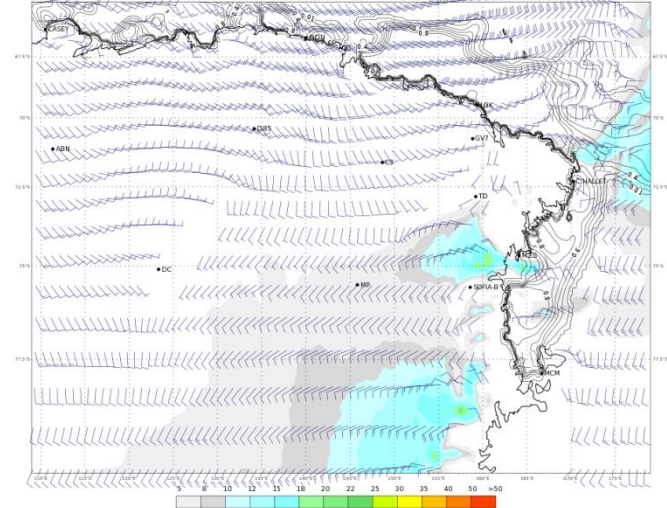
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Terra Vittoria - Geopotential at 500 hPa + 6h accumulated precipitation (mm)



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Terra Vittoria - temperature at 2 m (°C)



ECMWF 06 Gennaio 2018 00UTC Forecast T+24 VT: Domenica 07 Gennaio 2018 00UTC
Terra Vittoria - Wind at 10 m (kts)

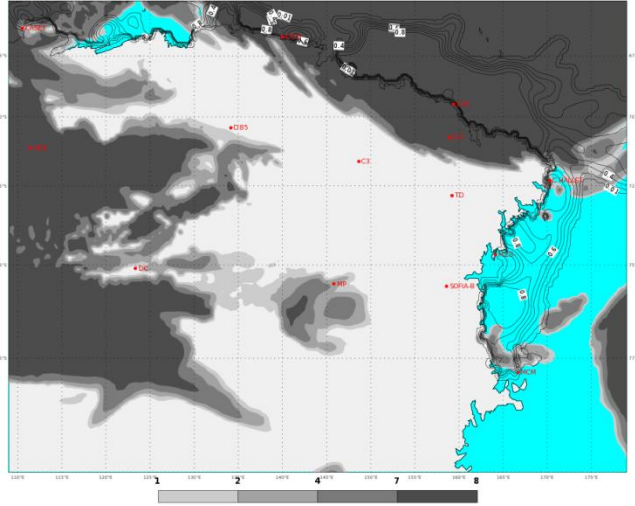


PREVISIONI - FORECASTS

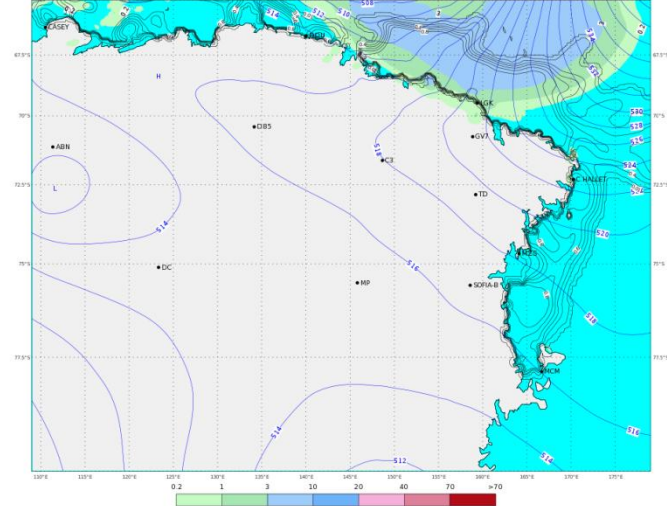
OGGI - ORE 19 LT

TODAY - 19 LT

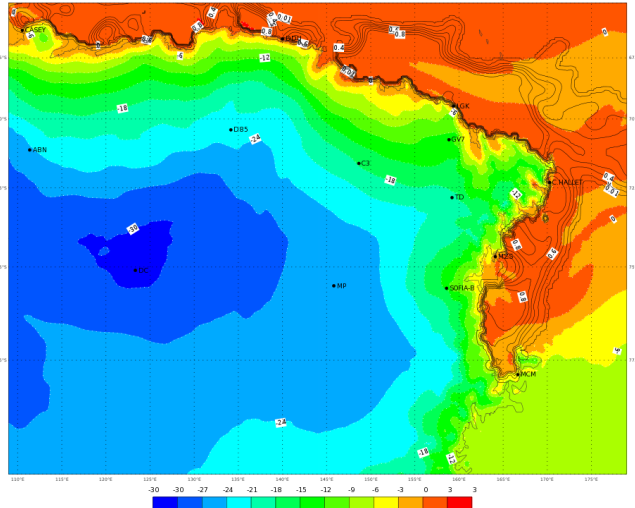
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Terra Vittoria - Total cloud cover (oct)



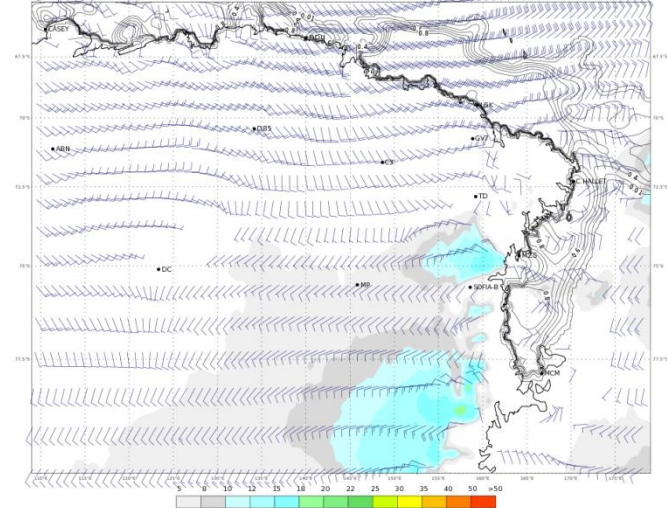
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Terra Vittoria - Geopotential at 500 hPa + 6h accumulated precipitation (mm)



ECMWF 06 Gennaio 2018 00UTC Forecast T+30 VT: Domenica 07 Gennaio 2018 06UTC
Terra Vittoria - temperature at 2 m (°C)






ECMWF 06 Gennaio 2018 00UTC Forecast T+30 VT: Domenica 07 Gennaio 2018 06UTC
Terra Vittoria - Wind at 10 m (kts)



WEATHER FORECAST FOR TODAY AT TERRA NOVA BAY

Sunday 07/01/2018

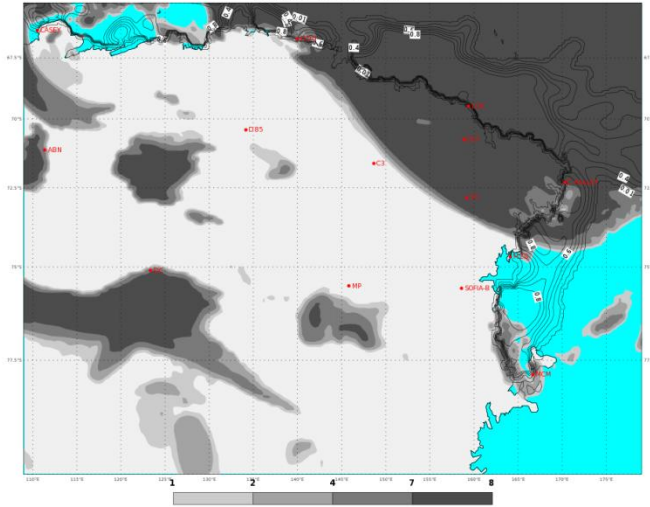
	ORE 07	ORE 13	ORE 19
CIELO			
FENOMENI	NIL	NIL	NIL
VENTO MZS	WNW 15/20 KT	VRB 05 KT	VRB 05 KT
VENTO BOULDER	WNW 25/30 KT	VRB 07 KT	VRB 07 KT
TEMPERATURA [°C]	-03/-01 °C	-01/+01 °C	00/+02 °C
WIND CHILL [°C]	-11/-08 °C	-04/-02 °C	-03/-01 °C
AVVISI	NIL	NIL	NIL

PREVISIONI - FORECASTS

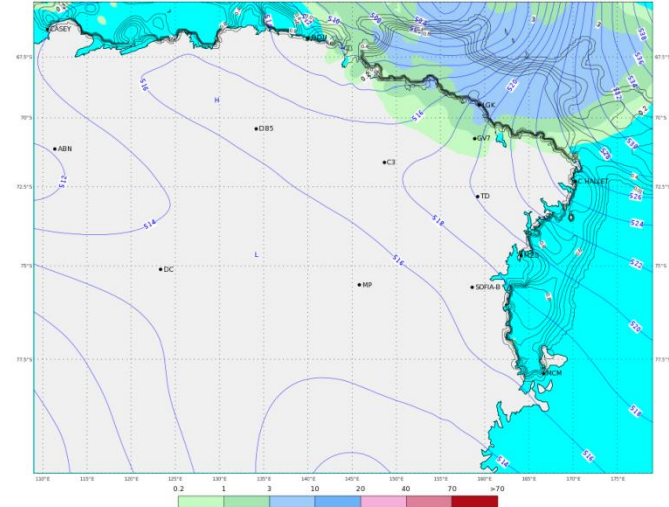
DOMANI - ORE 01 LT

TOMORROW - 01 LT

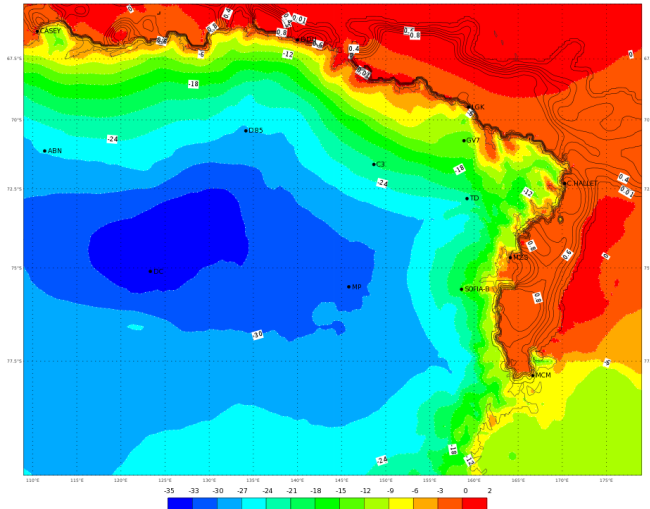
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Terra Vittoria - Total cloud cover (oct)



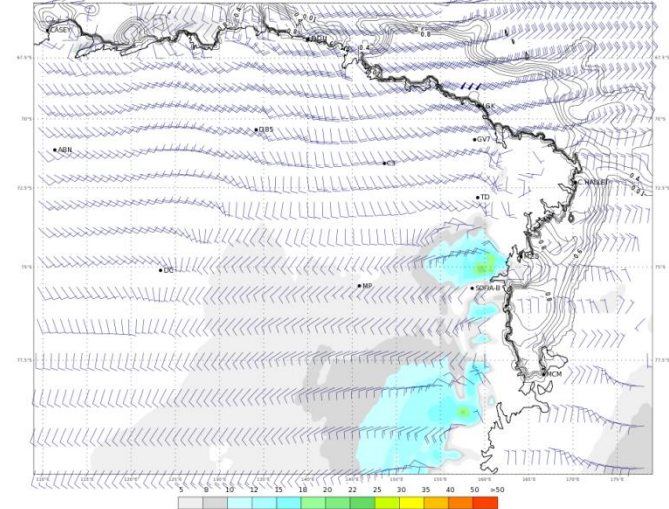
ECMWF 06 Gennaio 2018 00UTC Forecast T+36 VT: Domenica 07 Gennaio 2018 12UTC
Terra Vittoria - Geopotential at 500 hPa + 6h accumulated precipitation (mm)



ECMWF 06 Gennaio 2018 00UTC Forecast T+36 VT: Domenica 07 Gennaio 2018 12UTC
Terra Vittoria - Temperature at 2 m (°C)



ECMWF 06 Gennaio 2018 00UTC Forecast T+36 VT: Domenica 07 Gennaio 2018 12UTC
Terra Vittoria - Wind at 10 m (kts)

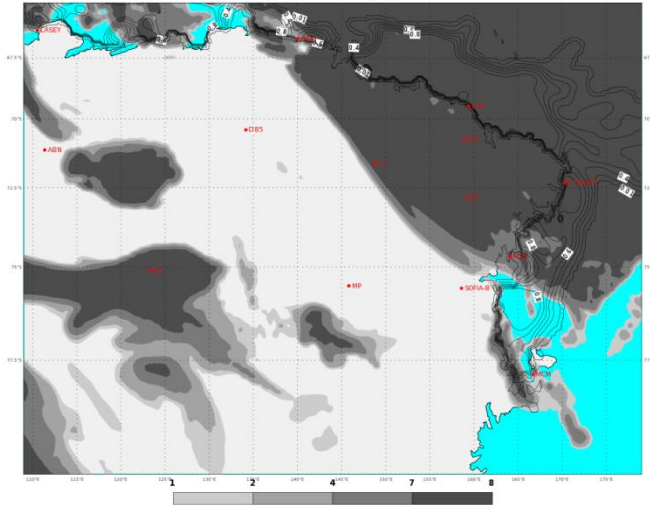


PREVISIONI - FORECASTS

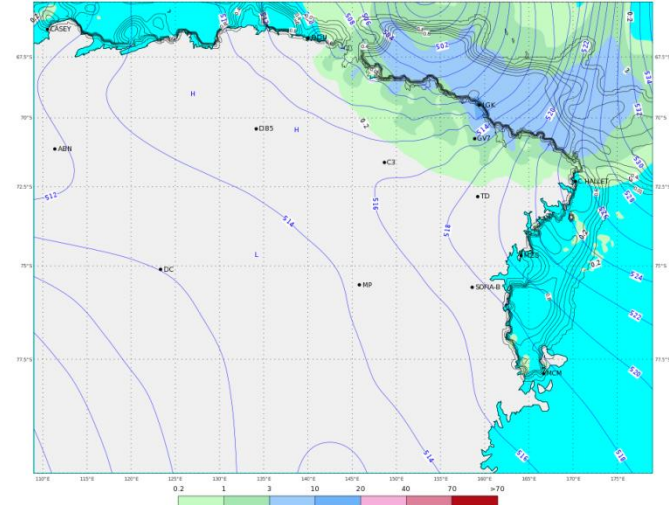
DOMANI - ORE 07 LT

TOMORROW - 07 LT

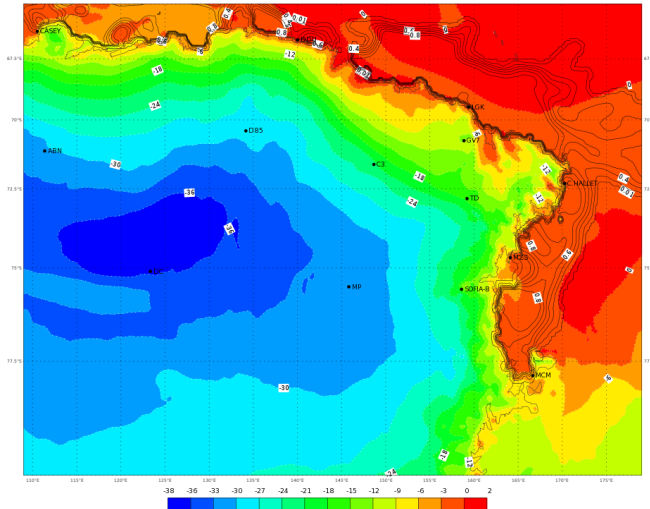
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Terra Vittoria - Total cloud cover (oct)



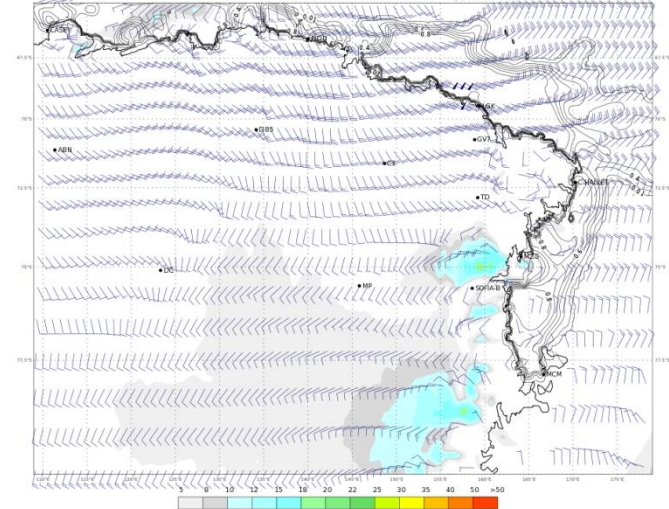
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Terra Vittoria - Geopotential at 500 hPa + 6h accumulated precipitation (mm)



ECMWF 06 Gennaio 2018 00UTC Forecast T+42 VT: Domenica 07 Gennaio 18UTC
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ECMWF 06 Gennaio 2018 00UTC Forecast T+42 VT: Domenica 07 Gennaio 18UTC
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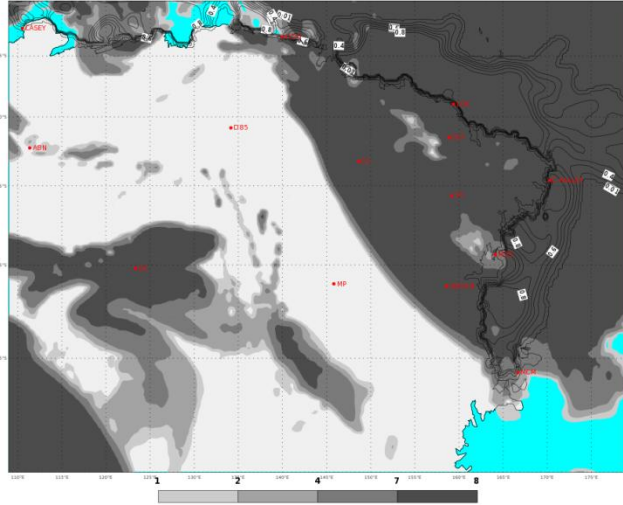


PREVISIONI - FORECASTS

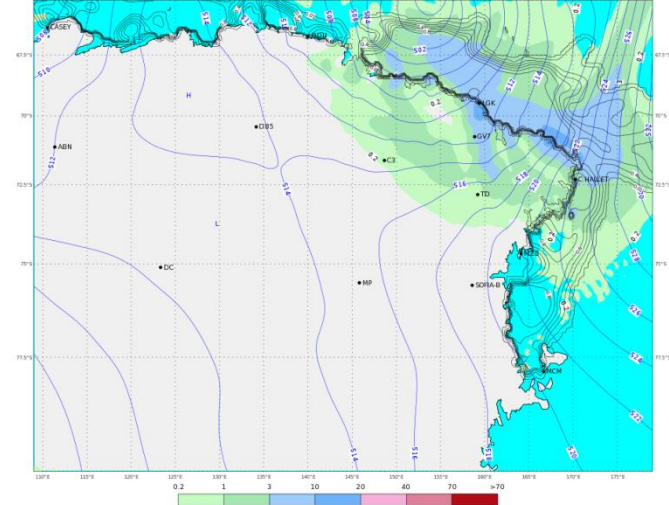
DOMANI - ORE 13 LT

TOMORROW - 13 LT

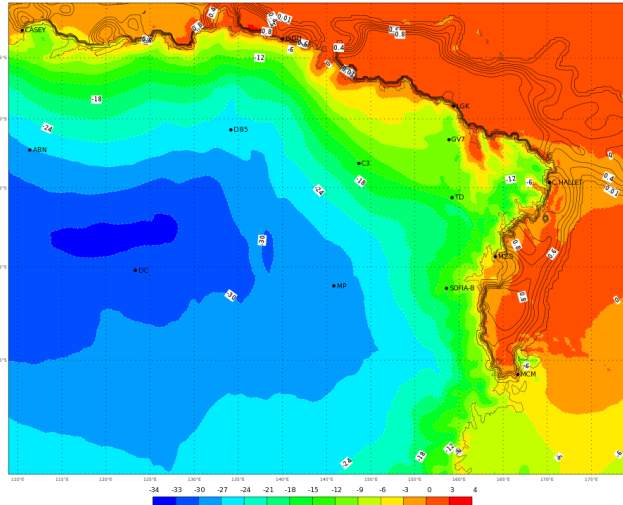
ECMWF 06 Gennaio 2018 00UTC Forecast T+48 VT: Lunedì 08 Gennaio 2018 00UTC
Terra Vittoria - Total cloud cover (oct)



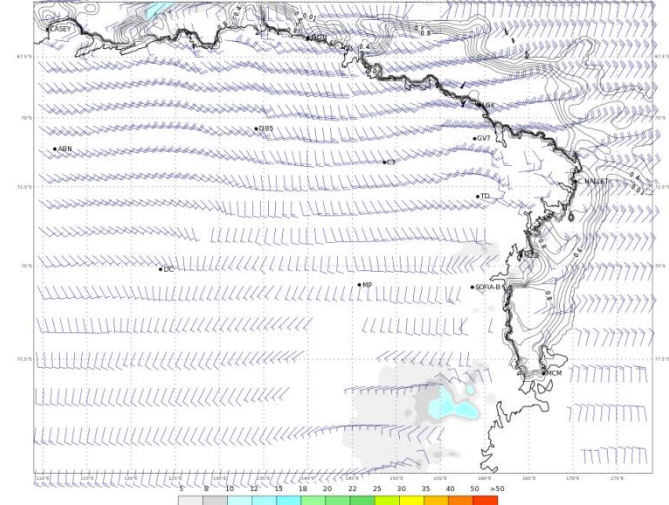
ECMWF 06 Gennaio 2018 00UTC Forecast T+48 VT: Lunedì 08 Gennaio 2018 00UTC
Terra Vittoria - Geopotential at 500 hPa + 6h accumulated precipitation (mm)



ECMWF 06 Gennaio 2018 00UTC Forecast T+48 VT: Lunedì 08 Gennaio 2018 00UTC
Terra Vittoria - temperature at 2 m (°C)



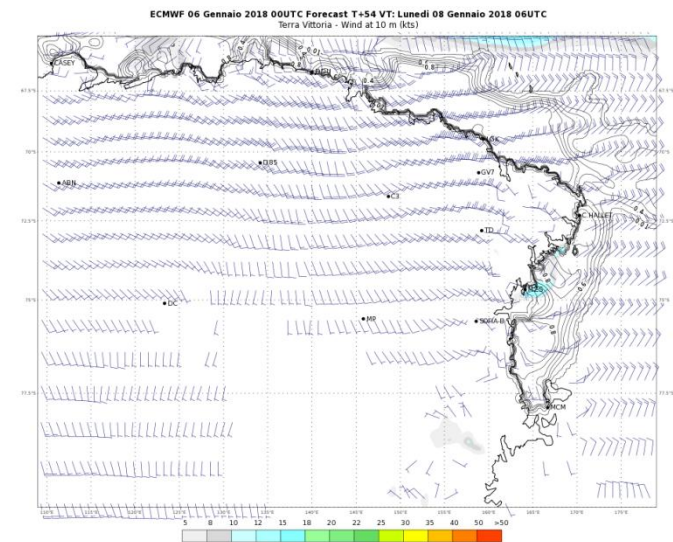
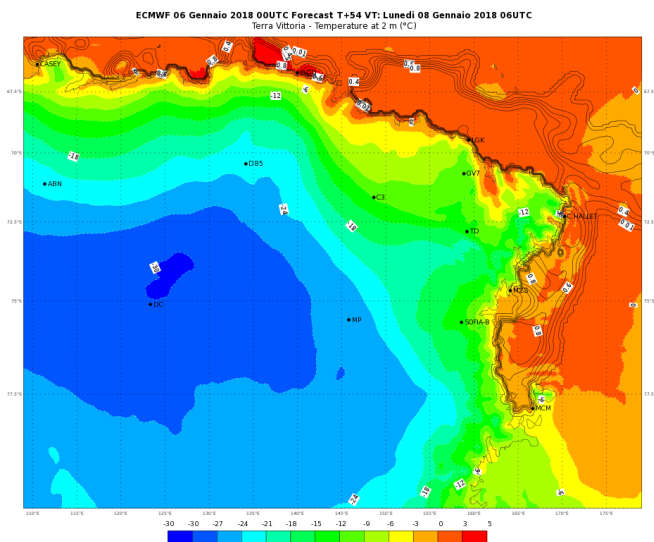
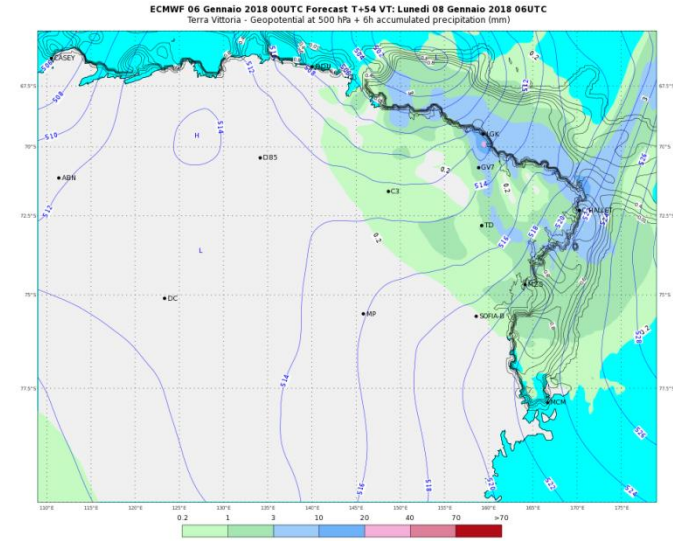
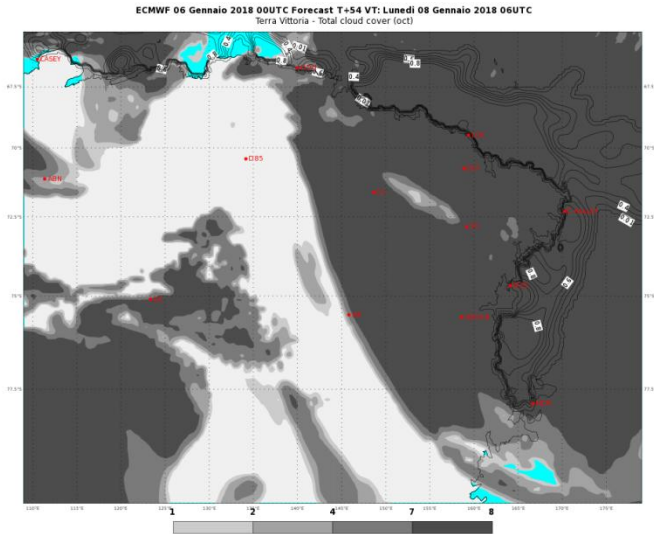
ECMWF 06 Gennaio 2018 00UTC Forecast T+48 VT: Lunedì 08 Gennaio 2018 00UTC
Terra Vittoria - Wind at 10 m (kts)



PREVISIONI - FORECASTS




DOMANI - ORE 19 LT

TOMORROW - 19 LT





WEATHER FORECAST FOR TOMORROW AT TERRA NOVA BAY

Monday 08/01/2018

	ORE 07	ORE 13	ORE 19
CIELO			
FENOMENI	NIL	NIL	NEVE DEBOLE
VENTO MZS	VRB 05 KT	VRB 05 KT	WNW 10/15 KT
VENTO BOULDER	VRB 07 KT	VRB 07 KT	WNW 15/25 KT
TEMPERATURA [°C]	-03/-01 °C	-04/-02 °C	-04/-02 °C
WIND CHILL [°C]	-07/-04 °C	-08/-05 °C	-11/-09 °C
AVVISI	NIL	NIL	NIL

WEATHER TENDENCY AT TERRA NOVA BAY

Tuesday 09/01/2018

	MATTINO	POMERIGGIO
CIELO		
FENOMENI	NEVE DEBOLE A TRATTI MODERATA	NEVE MODERATA
VENTO MZS	WNW 10/15 KT	ESE 10/15 KT
VENTO BOULDER	WNW 15/25 KT	ESE 15/25 KT
TEMPERATURA [°C]	-03/-01 °C	-02/00 °C
WIND CHILL [°C]	-10/-07 °C	-09/-06 °C
AVVISI	NIL	NIL

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

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Extreme Values of Yesterday



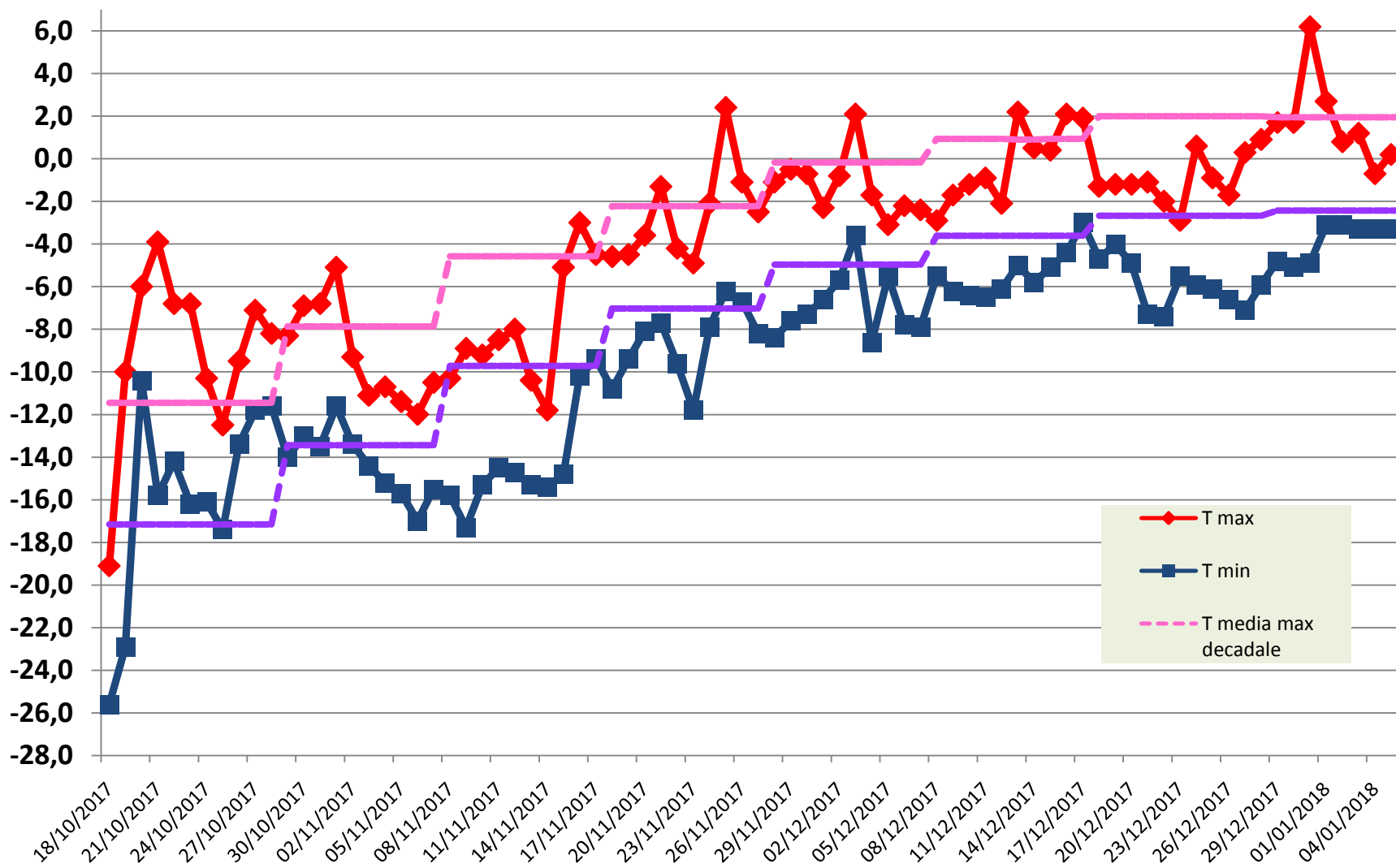
06/01/2018 UTC time (13:00 05/01 - 13:00 06/01)		
MAX temperature	(ore 14:50/L)	0.2°C
MIN temperature	(ore 05:26/L)	-3.3 °C
MAX humidity	(ore 00:00/L)	99 %
MIN humidity	(ore 20:56/L)	78 %
MAX wind direction/speed	(ore 00:00/L)	90/9.6 KT

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

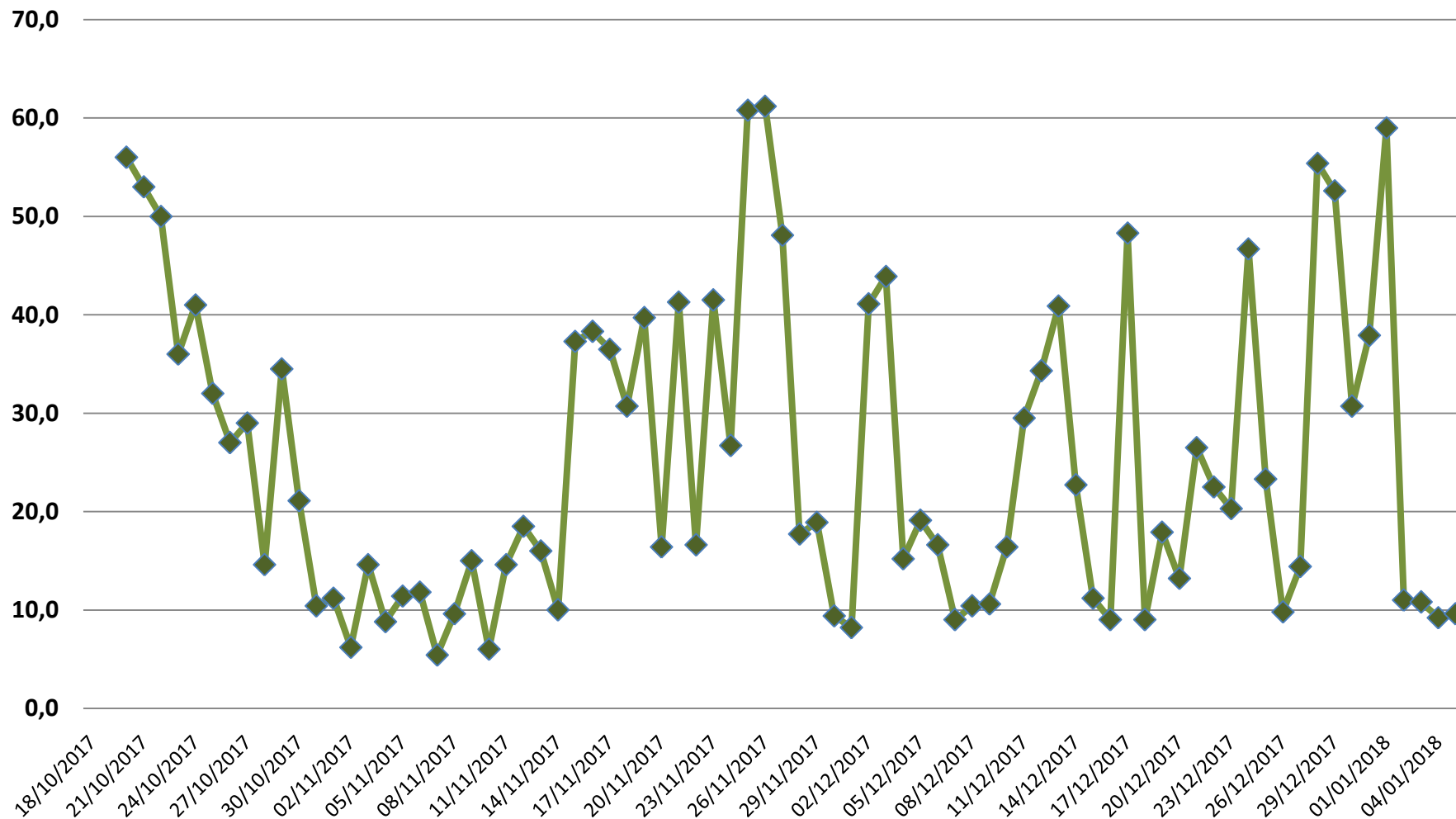
ENEIDE weather station (MZS) - Antarctic Climatology Observatory





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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