



WEATHER

Meteorological observations and forecasts

Thursday 18/01/2018

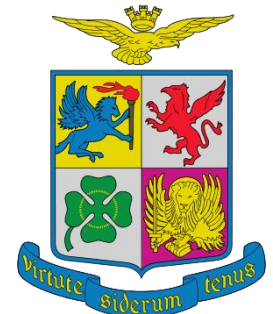
MET Office - "Mario Zucchelli" Base - Terranova Bay

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

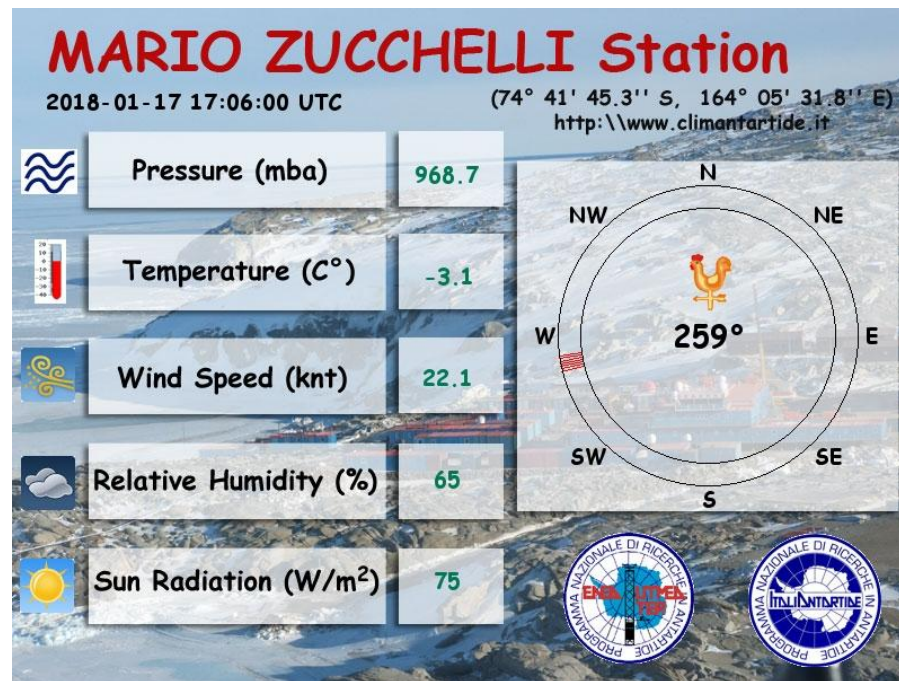
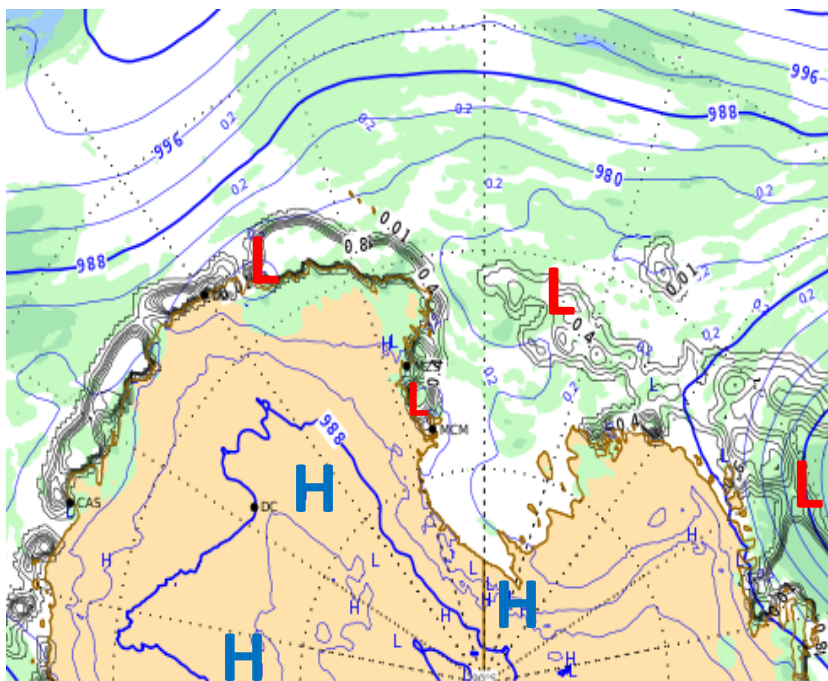
Meteorological observations and forecasts



Thursday 18/01/2018

Sea Level Pressure + Precipitation at 07:00

Latest Report

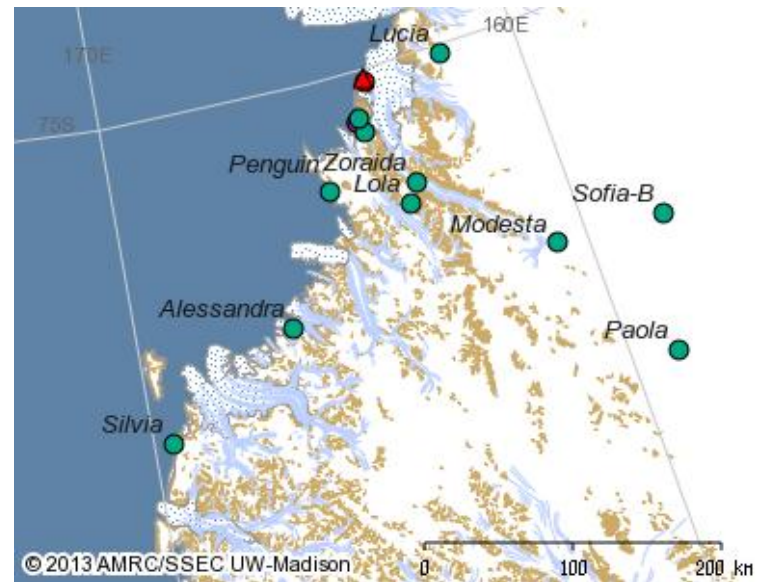
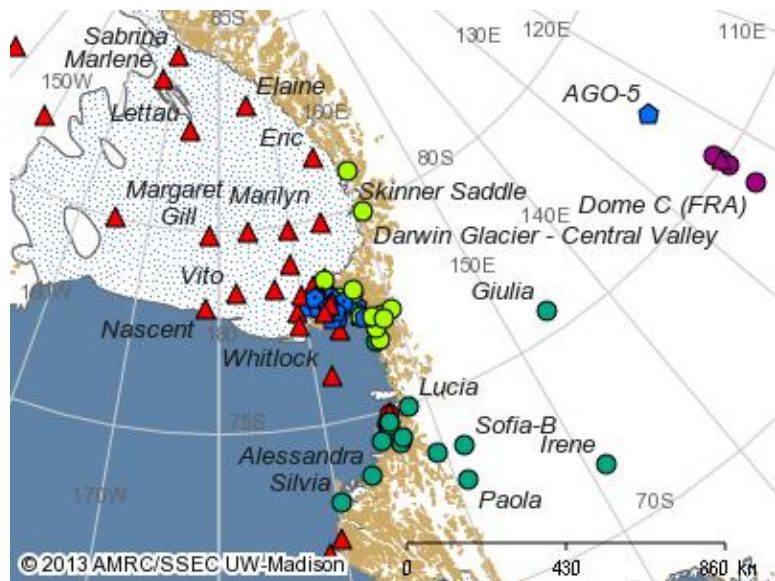


VENTO AREA BOULDER: WSW 15 KT (06:10 loc time recorded)

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	2018-01-17 16:00	260	0	5	-3.9	-3.9	-4.3	89	960.2
Arelis	2018-01-17 16:00	180	10	14	-7.9	-7.9	-8.3	11	962.2
Concordia	2018-01-17 16:00	180	6	6	-36.4	-33.8	-36.5	70	640.8
Eneide	2018-01-17 15:00	300	11	22	-3.2	-2.7	-3.4	68	968.8
Giulia	2018-01-17 16:00	210	8	10	-31.6	-30.6	-31.7	72	707.0
Lola	2018-01-17 16:00	0	0	1	-15.5	-15.4	-15.7	86	794.5
Modesta	2018-01-17 16:00	290	4	5	-21.7	-21.6	-22.4	81	757.5
Paola	2018-01-07 14:00	80	6	7	-21.6	-21.3	-22.2	82	//
Rita	2018-01-17 16:00	270	25	36	-6.4	-6.4	-7.1	99	946.9
Silvia	2018-01-17 16:00	240	5	7	-6.9	-6.7	-7.0	//	914.5
Sofiab	2018-01-17 16:00	190	0	4	-14.3	-14.3	-14.6	90	801.8
Zoraida	2018-01-17 15:00	120	3	5	-10.1	-9.7	-10.1	93	878.2

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



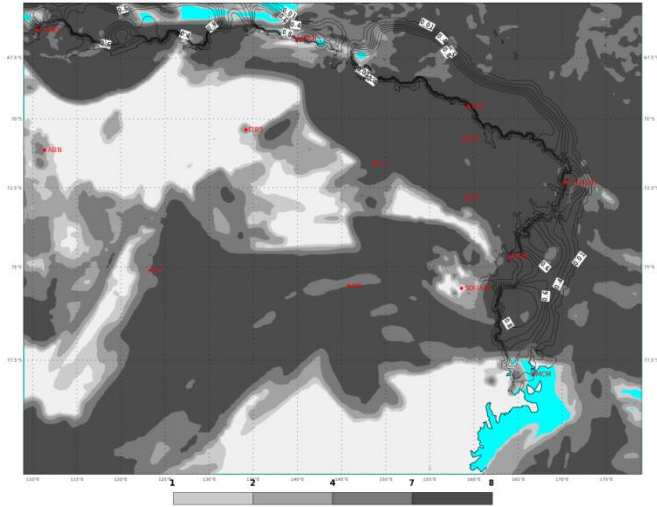
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PREVISIONI - FORECASTS

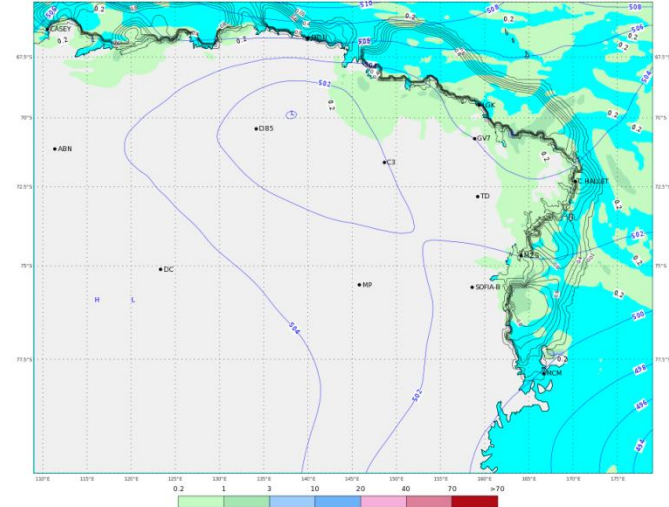
OGGI - ORE 07 LT

TODAY - 07 LT

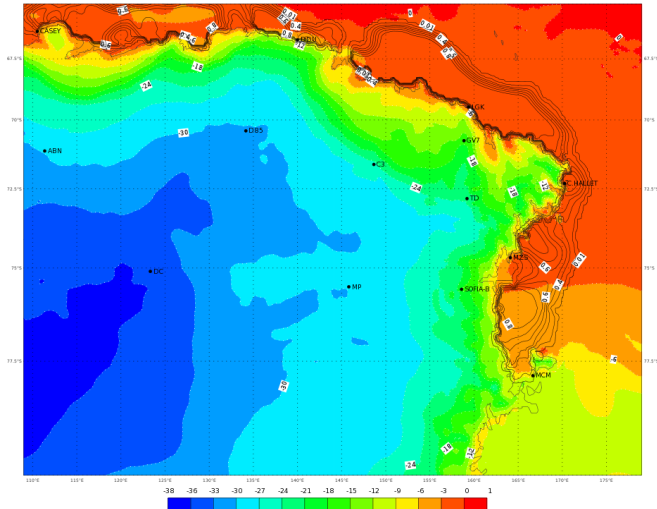
ECMWF 17 Gennaio 2018 00UTC Forecast T+18 VT: Mercoledì 17 Gennaio 2018 18UTC
Terra Vittoria - Total cloud cover (oct)



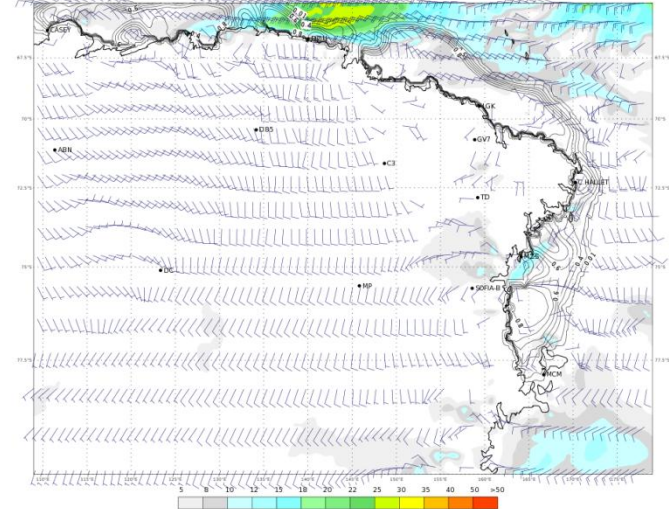
ECMWF 17 Gennaio 2018 00UTC Forecast T+18 VT: Mercoledì 17 Gennaio 2018 18UTC
Terra Vittoria - Geopotential at 500 hPa + 6h accumulated precipitation (mm)



ECMWF 17 Gennaio 2018 00UTC Forecast T+18 VT: Mercoledì 17 Gennaio 2018 18UTC
Terra Vittoria - temperature at 2 m (°C)



ECMWF 17 Gennaio 2018 00UTC Forecast T+18 VT: Mercoledì 17 Gennaio 2018 18UTC
Terra Vittoria - Wind at 10 m (kts)

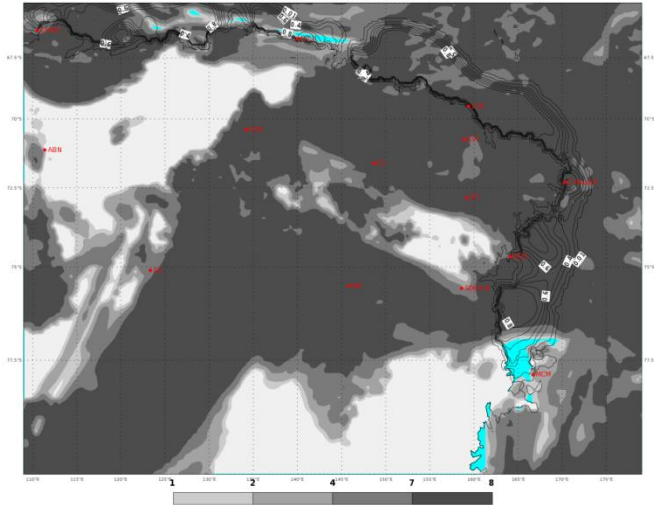


PREVISIONI - FORECASTS

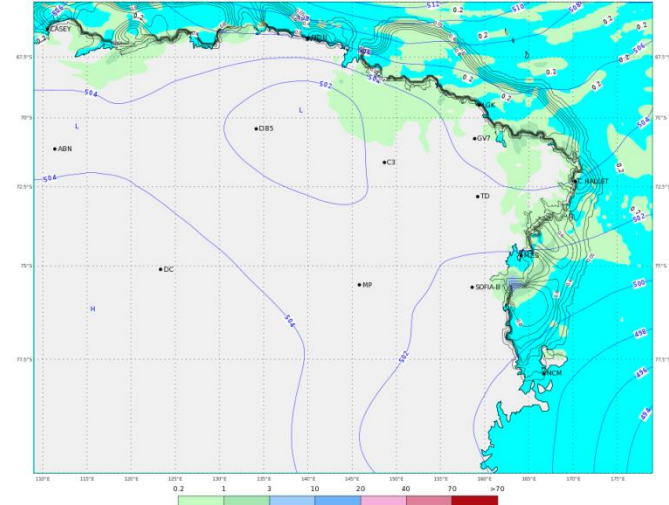
OGGI - ORE 13 LT

TODAY - 13 LT

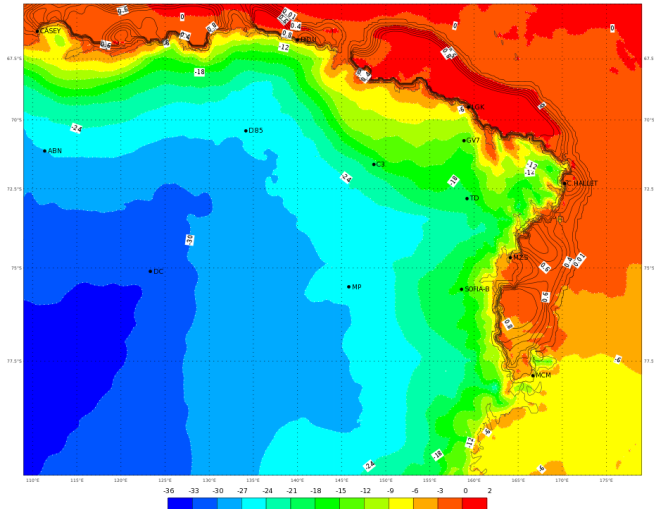
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Terra Vittoria - Total cloud cover (oct)



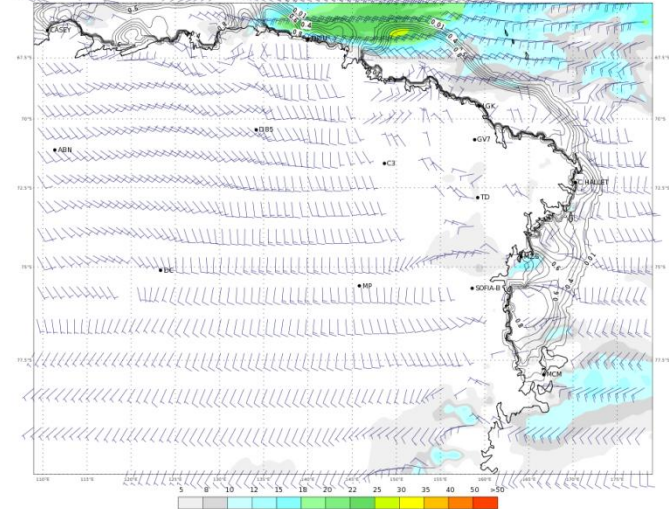
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Terra Vittoria - Geopotential at 500 hPa + 6h accumulated precipitation (mm)



ECMWF 17 Gennaio 2018 00UTC Forecast T+24 VT; Giovedì 18 Gennaio 2018 00UTC
Terra Vittoria - Temperature at 2 m (°C)



ECMWF 17 Gennaio 2018 00UTC Forecast T+24 VT; Giovedì 18 Gennaio 2018 00UTC
Terra Vittoria - Wind at 10 m (kts)

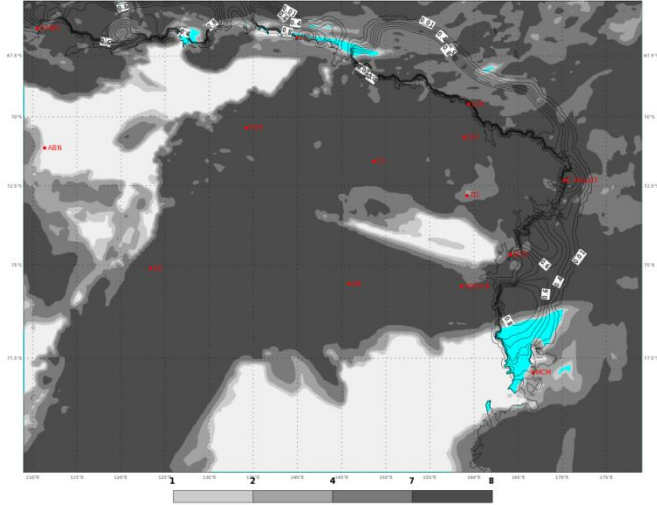


PREVISIONI - FORECASTS

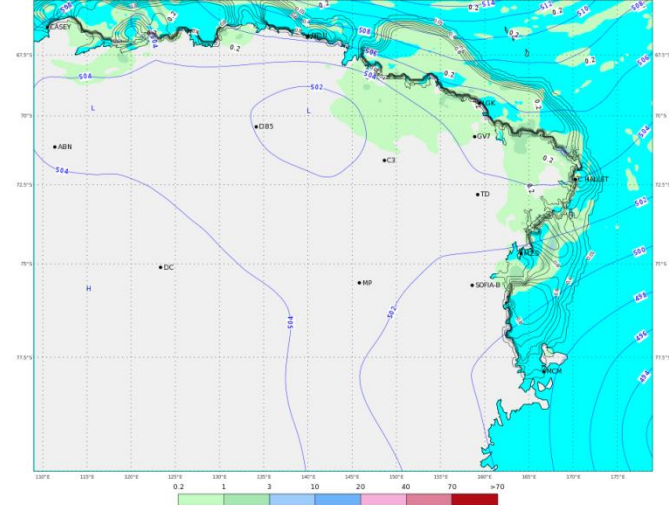
OGGI - ORE 19 LT

TODAY - 19 LT

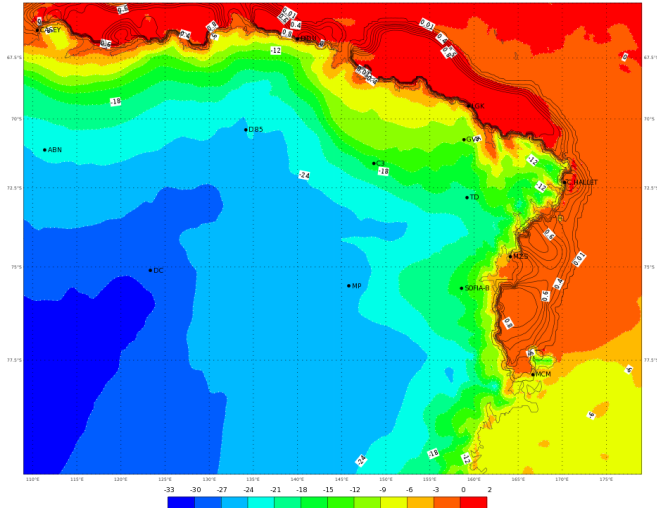
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Terra Vittoria - Total cloud cover (oct)



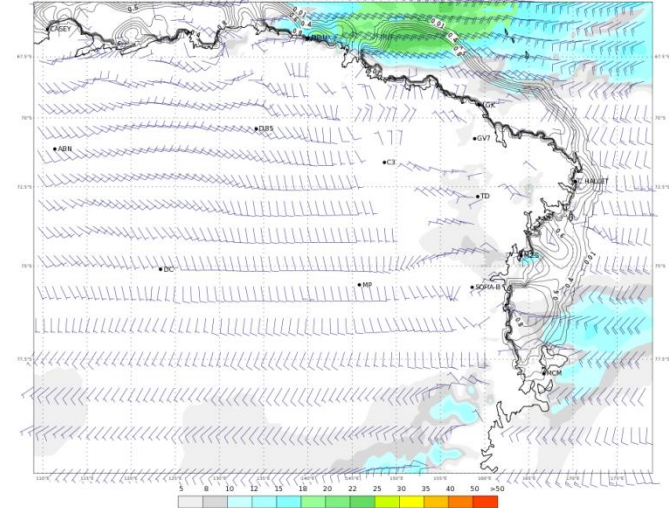
ECMWF 17 Gennaio 2018 00UTC Forecast T+30 VT; Giovedì 18 Gennaio 2018 06UTC
Terra Vittoria - Geopotential at 500 hPa + 6h accumulated precipitation (mm)



ECMWF 17 Gennaio 2018 00UTC Forecast T+30 VT; Giovedì 18 Gennaio 2018 06UTC
Terra Vittoria - Temperature at 2 m (°C)






ECMWF 17 Gennaio 2018 00UTC Forecast T+30 VT; Giovedì 18 Gennaio 2018 06UTC
Terra Vittoria - Wind at 10 m (kts)



WEATHER FORECAST FOR TODAY AT TERRA NOVA BAY

Thursday 18/01/2018

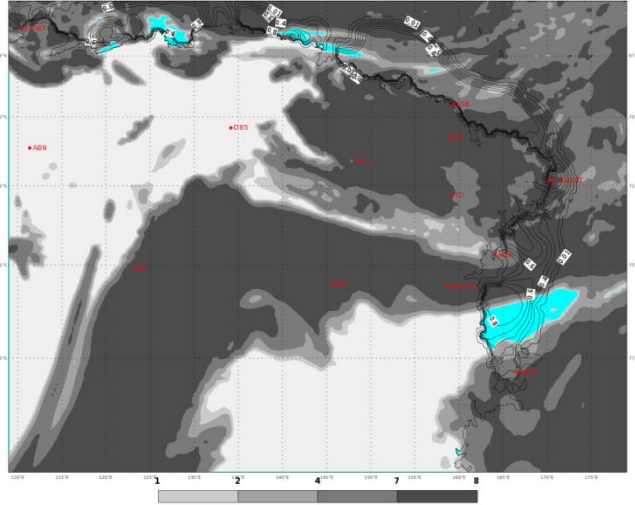
	ORE 07	ORE 13	ORE 19
CIELO			
FENOMENI	POSSIBILE TEMPORANEO DEBOLE NEVISCHIO	NIL	NIL
VENTO MZS	WSW 15/20 KT	VRB 05 KT	VRB 05 KT
VENTO BOULDER	WSW 20/25 KT	VRB 07 KT	VRB 07 KT
TEMPERATURA [°C]	-04/-02 °C	-04/-02 °C	-04/-02 °C
WIND CHILL [°C]	-12/-10 °C	-08/-05 °C	-08/-05 °C
AVVISI	NIL	NIL	NIL

PREVISIONI - FORECASTS

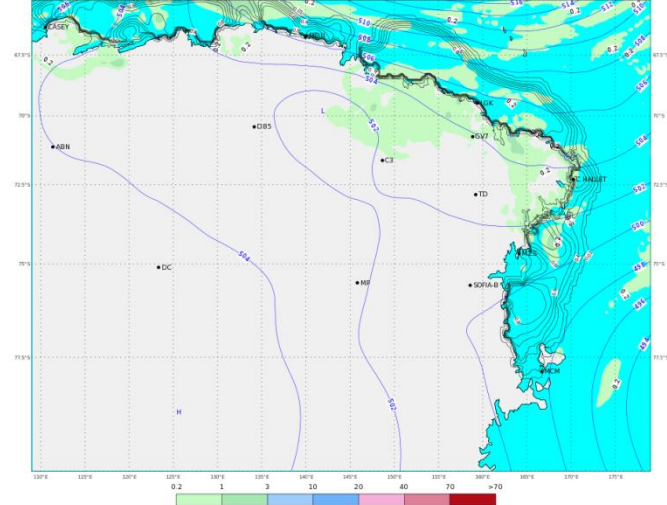
DOMANI - ORE 01 LT

TOMORROW - 01 LT

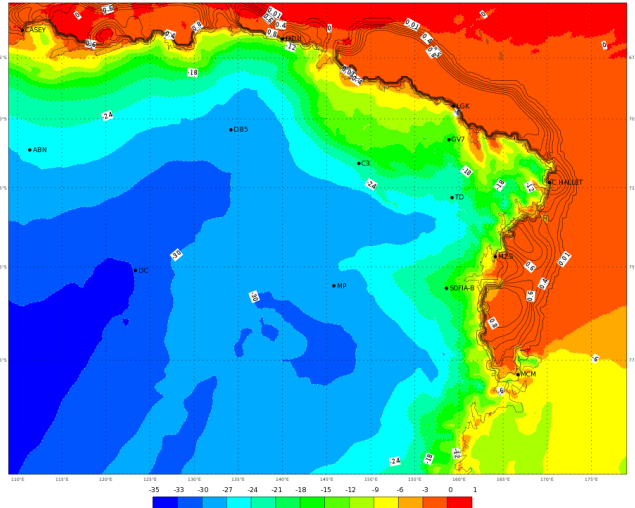
ECMWF 17 Gennaio 2018 00UTC Forecast T+36 VT: Giovedì 18 Gennaio 2018 12UTC
Terra Vittoria - Total cloud cover (oct)



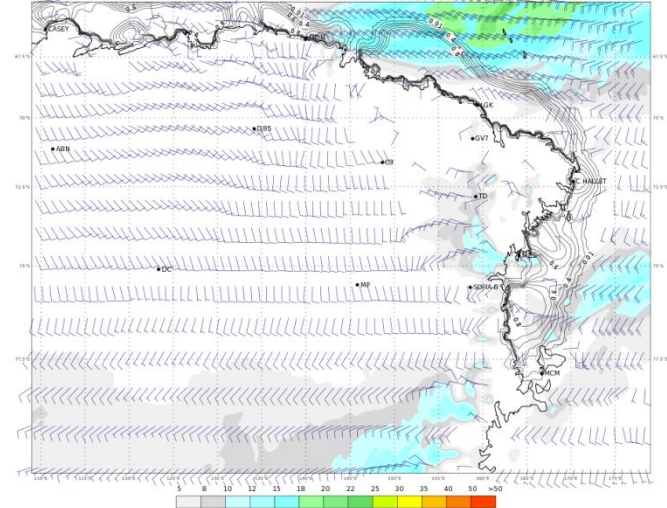
ECMWF 17 Gennaio 2018 00UTC Forecast T+36 VT: Giovedì 18 Gennaio 2018 12UTC
Terra Vittoria - Geopotential at 500 hPa + 6h accumulated precipitation (mm)



ECMWF 17 Gennaio 2018 00UTC Forecast T+36 VT: Giovedì 18 Gennaio 2018 12UTC
Terra Vittoria - Temperature at 2 m (°C)



ECMWF 17 Gennaio 2018 00UTC Forecast T+36 VT: Giovedì 18 Gennaio 2018 12UTC
Terra Vittoria - Wind at 10 m (kts)

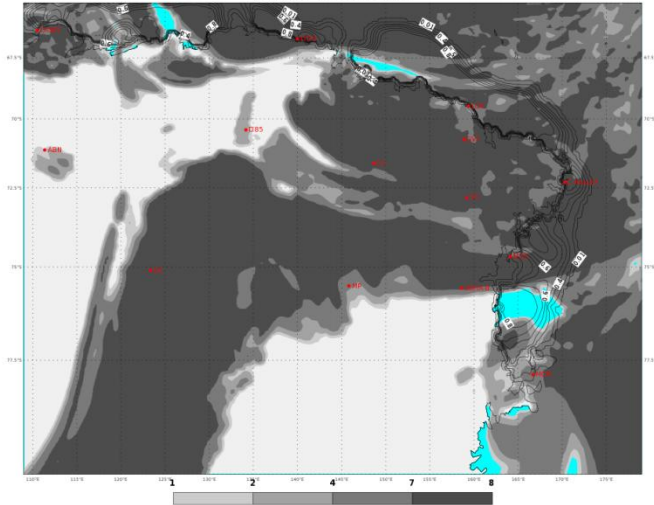


PREVISIONI - FORECASTS

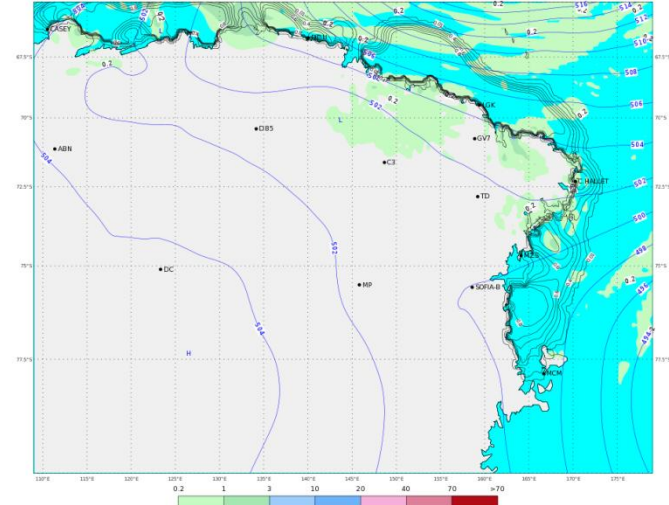
DOMANI - ORE 07 LT

TOMORROW - 07 LT

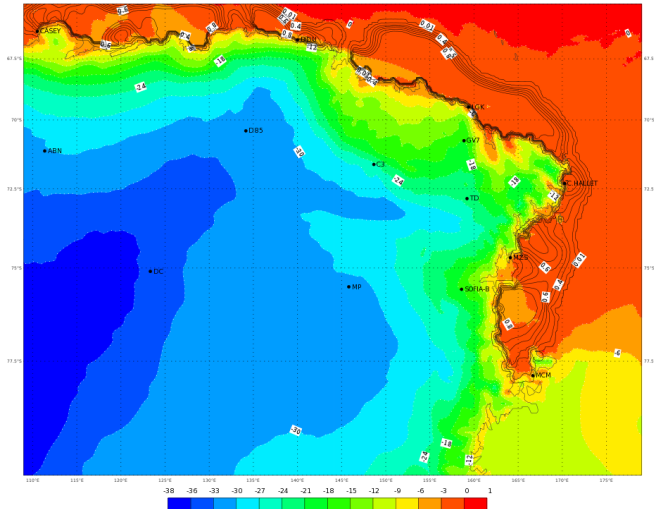
ECMWF 17 Gennaio 2018 00UTC Forecast T+42 VT: Giovedì 18 Gennaio 2018 18UTC
Terra Vittoria - Total cloud cover (oct)



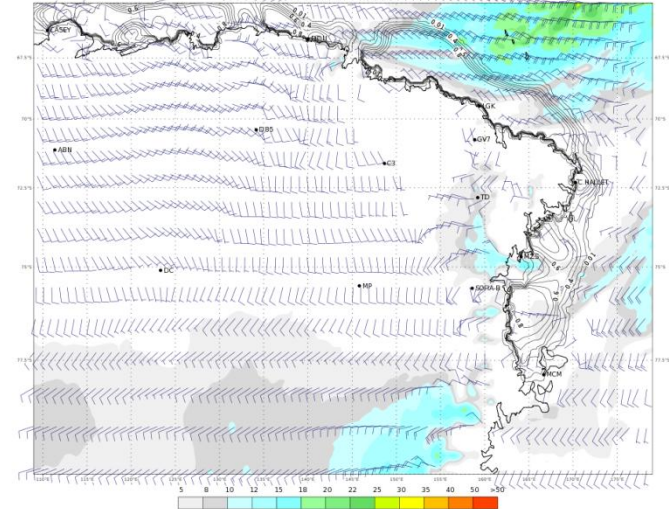
ECMWF 17 Gennaio 2018 00UTC Forecast T+42 VT: Giovedì 18 Gennaio 2018 18UTC
Terra Vittoria - Geopotential at 500 hPa + 6h accumulated precipitation (mm)



ECMWF 17 Gennaio 2018 00UTC Forecast T+42 VT: Giovedì 18 Gennaio 2018 18UTC
Terra Vittoria - Temperature at 2 m (°C)



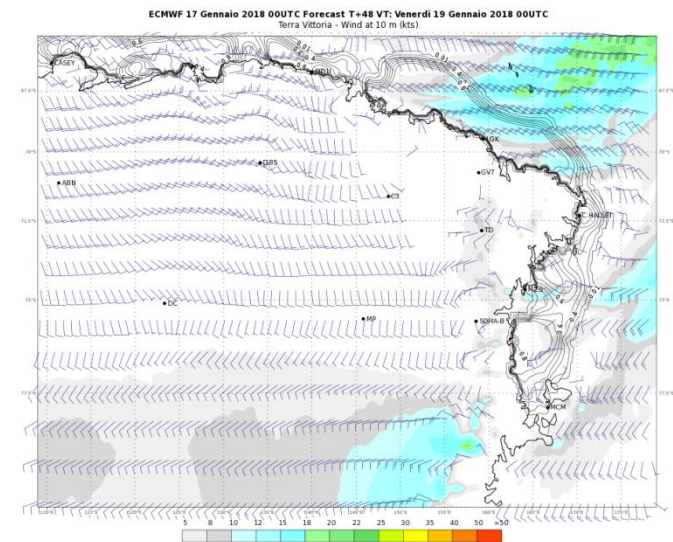
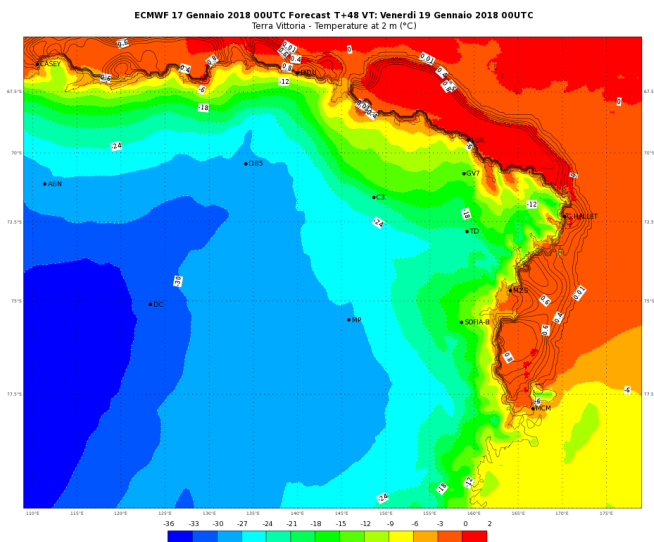
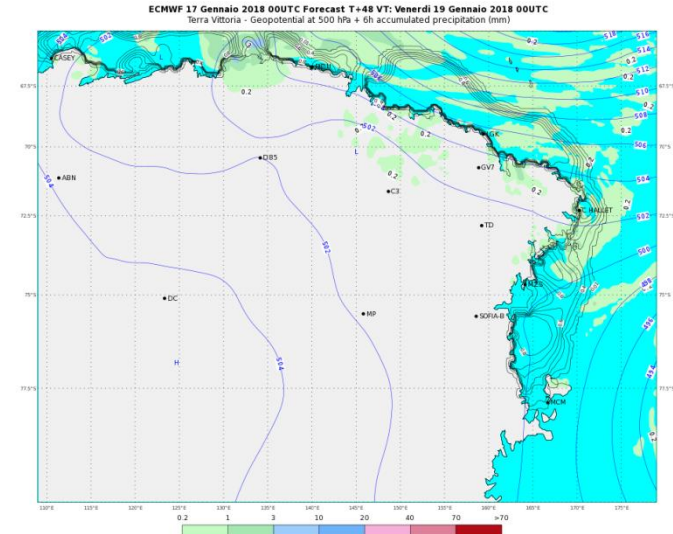
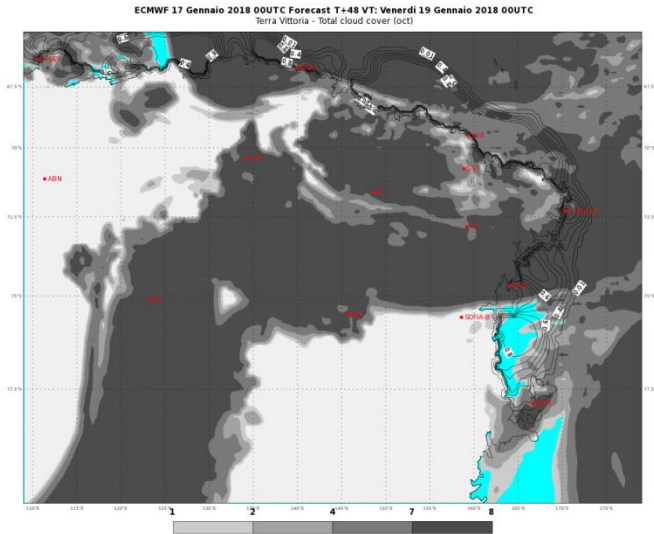
ECMWF 17 Gennaio 2018 00UTC Forecast T+42 VT: Giovedì 18 Gennaio 2018 18UTC
Terra Vittoria - Wind at 10 m (kts)



PREVISIONI - FORECASTS

DOMANI - ORE 13 LT

TOMORROW - 13 LT

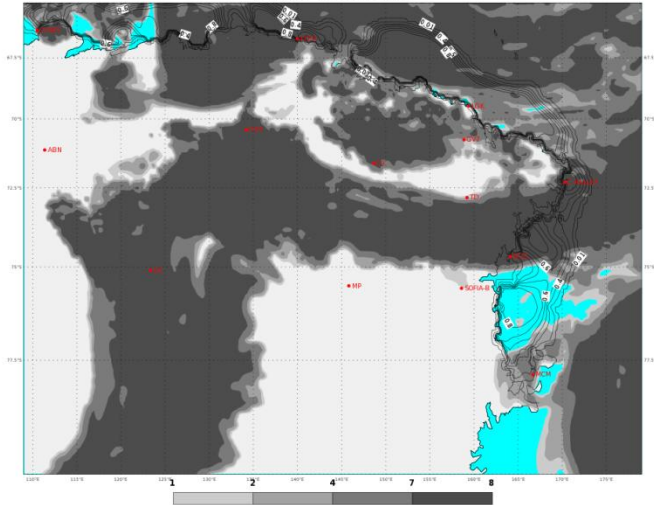


PREVISIONI - FORECASTS

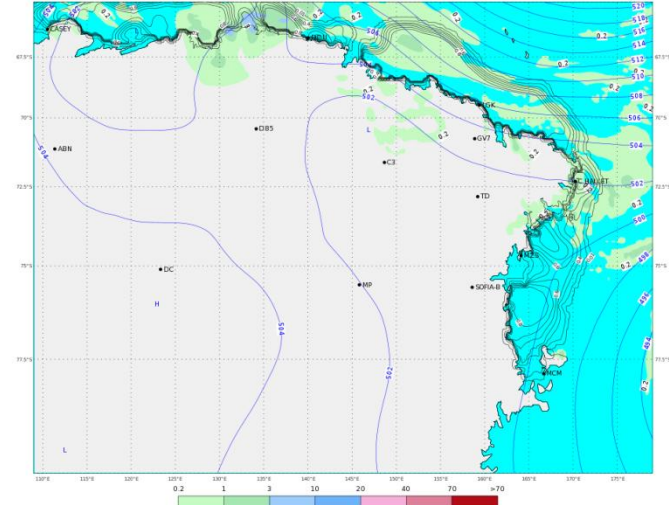
DOMANI - ORE 19 LT

TOMORROW - 19 LT

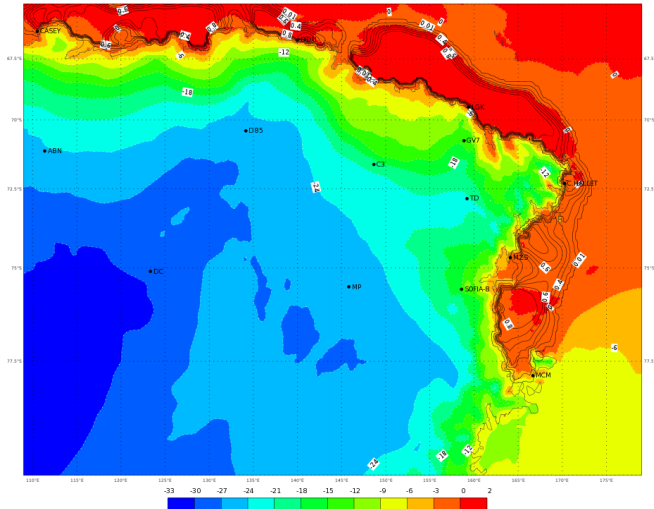
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Terra Vittoria - Total cloud cover (oct)



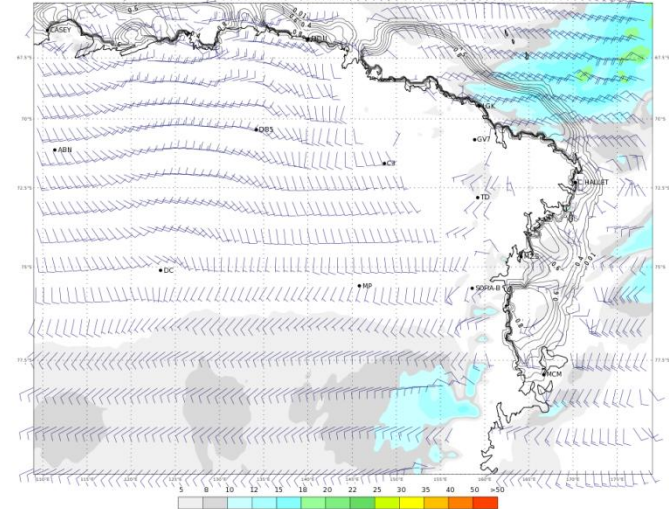
ECMWF 17 Gennaio 2018 00UTC Forecast T+54 VT: Venerdì 19 Gennaio 2018 06UTC
Terra Vittoria - Geopotential at 500 hPa + 6h accumulated precipitation (mm)



ECMWF 17 Gennaio 2018 00UTC Forecast T+54 VT: Venerdì 19 Gennaio 2018 06UTC
Terra Vittoria - Temperature at 2 m (°C)






ECMWF 17 Gennaio 2018 00UTC Forecast T+54 VT: Venerdì 19 Gennaio 2018 06UTC
Terra Vittoria - Wind at 10 m (kts)





WEATHER FORECAST FOR TOMORROW AT TERRA NOVA BAY

Friday 19/01/2018

	ORE 07	ORE 13	ORE 19
CIELO			
FENOMENI	NIL	NIL	NIL
VENTO MZS	WSW 05/10 KT	WSW 05/10 KT	WNW 05/10 KT
VENTO BOULDER	WSW 10/15 KT	WSW 10/15 KT	WNW 10/15 KT
TEMPERATURA [°C]	-05/-03 °C	-04/-02 °C	-03/-01 °C
WIND CHILL [°C]	-11/-08 °C	-10/-07 °C	-09/-06 °C
AVVISI	NIL	NIL	NIL

WEATHER TENDENCY AT TERRA NOVA BAY

Saturday 20/01/2018

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



Extreme Values of Yesterday



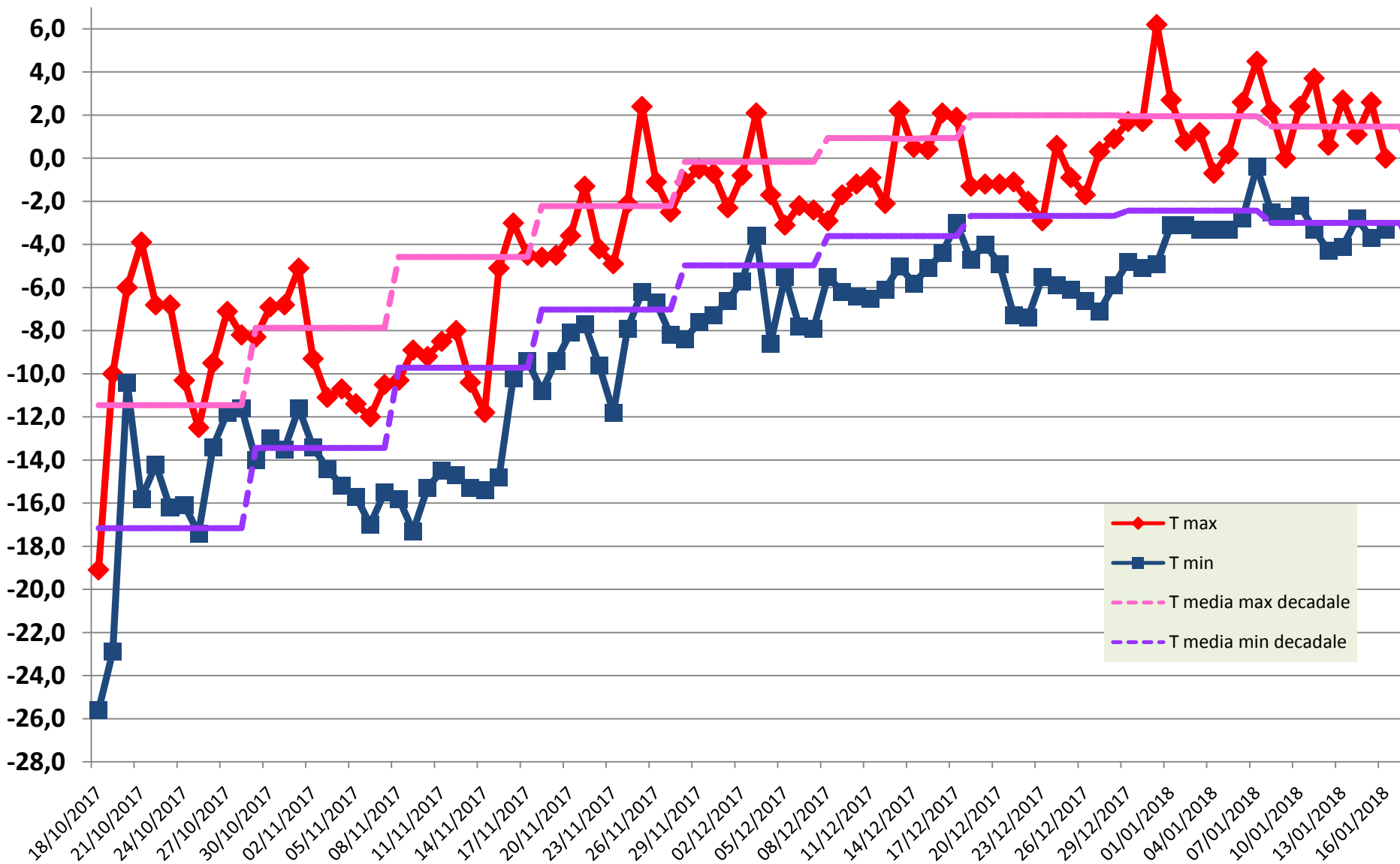
17/01/2018 UTC time (13:00 16/01 - 13:00 17/01)		
MAX temperature	(ore 14:36/L)	0.0°C
MIN temperature	(ore 03:14/L)	-3.3 °C
MAX humidity	(ore 08:26/L)	86 %
MIN humidity	(ore 01:40/L)	48 %
MAX wind direction/speed	(ore 06:15/L)	180/14.8 KT

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

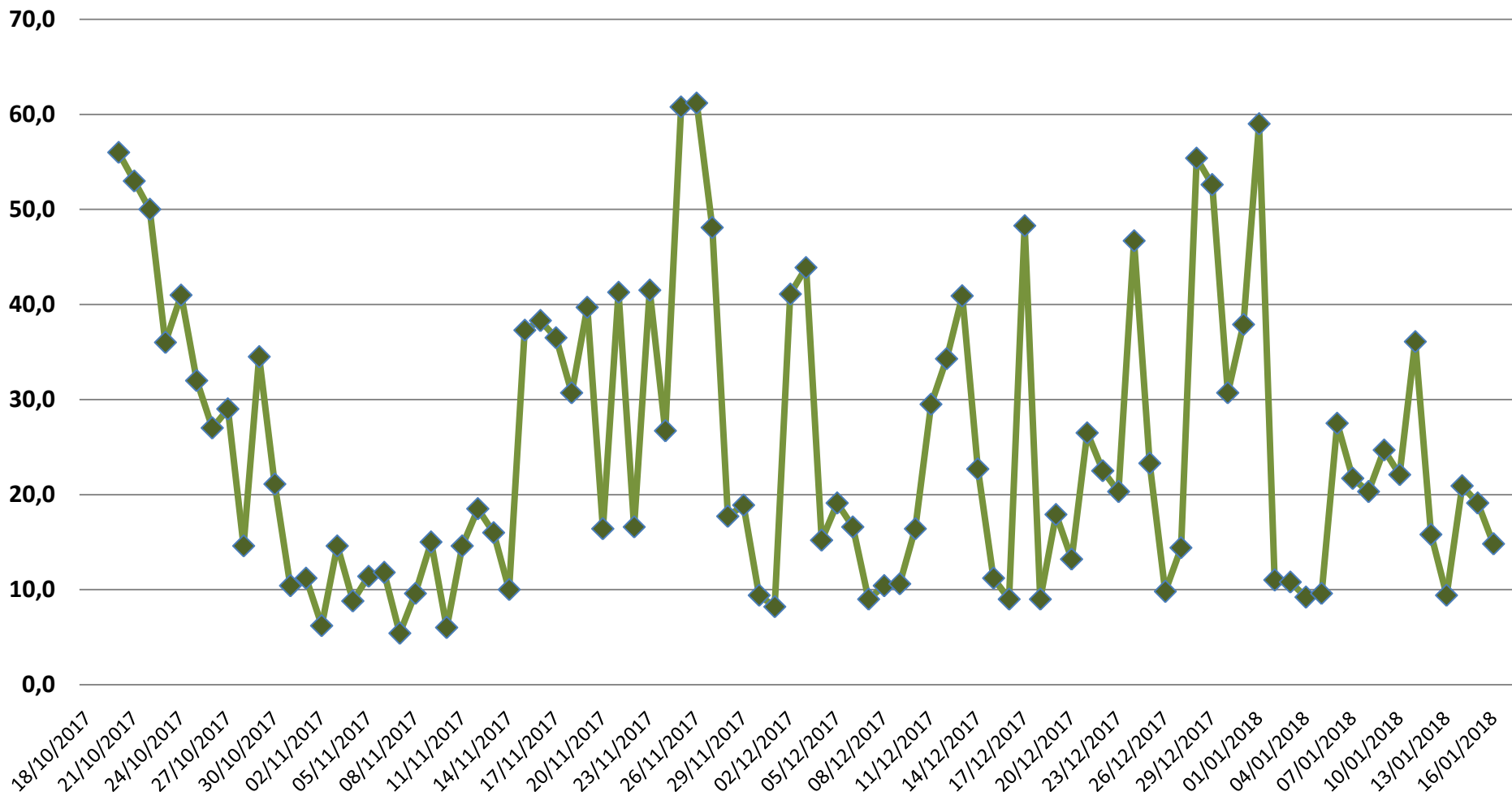
ENEIDE weather station (MZS) - Antarctic Climatology Observatory





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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