



CNMCA - MSG - World - RGB - 07 Dec 2022 08:15 UTC



Meteorologia e Clima

Alessandro Fucello



METEOROLOGIA E CLIMA

MERCOLEDÌ 26 OTTOBRE 2022

L'Uomo, il Tempo e il Clima. Quanto è complessa l'atmosfera?

MERCOLEDÌ 9 NOVEMBRE 2022

Le nubi e i fenomeni atmosferici: pioggia, fenomeni estremi e "bombe d'acqua".

MERCOLEDÌ 23 NOVEMBRE 2022

Osservare il tempo: la rete delle stazioni meteo dal Rinascimento a oggi.

MERCOLEDÌ 7 DICEMBRE 2022

Osservare il tempo dallo spazio: l'avventura dei satelliti meteorologici.

MERCOLEDÌ 11 GENNAIO 2023

Prevedere il Tempo. Passato, presente e futuro: magia o scienza?

MERCOLEDÌ 25 GENNAIO 2023

Comunicare il tempo: dal Colonnello Bernacca alle app dei telefonini.

Osservare il tempo

Weather Equipment

Thermometer

- Use a thermometer to take the air temperature.

Place the bottom of your thermometer carefully, so facing it fully to the sun or the shade and give yourself 5 minutes.

- Check the temperature at different times of day and record your results.

Weather Equipment

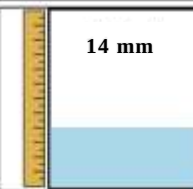
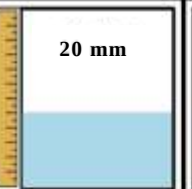
Hygrometer

- A hygrometer is a piece of equipment used to measure the humidity in the air.

Did you know?

Humidity can cause damage to wooden furniture such as framed oil paintings. Some museums use hygrometers to make their collections safely exposed to the most suitable to the air.

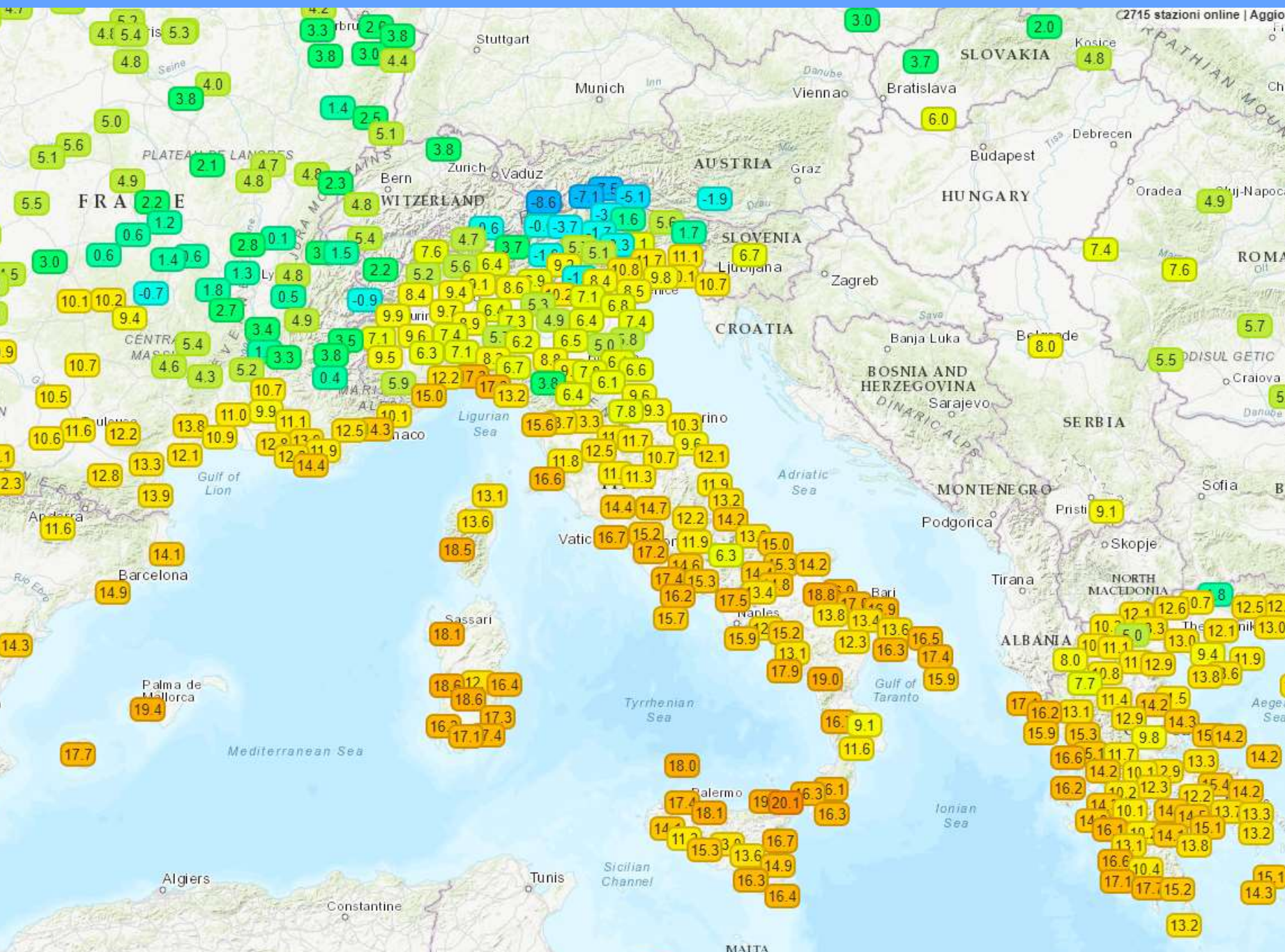
Quaderno settimanale

	LUNEDÌ	MARTEDÌ	MERCOLEDÌ	GIOVEDÌ	VENERDÌ
PRECIPITAZIONE	 14 mm	 Niente pioggia	 2 mm	 20 mm	 Niente pioggia
TEMPERATURA	16° C 	21° C 	24° C 	12° C 	18° C 
CONDIZIONI					



Prevedere il tempo





Stazione di - Fabro (TR) Rating: ★★★★★ (99.7 %)

Stazione meteorologica a norma MeteoNetwork - Rete MeteoNetwork - CC-BY 4.0

- Stazione di Fabro (IT)
- Grafici (24/48h)
- Estremi
- Archivio
- Dettagli e Webcam
- Mappe
- FAQ

> Dati realtime

⚠ **Nota:** In questa pagina sono mostrati solo gli ultimi dati ricevuti, per visualizzare i grafici delle ultime 24/48h utilizzare la tab "Grafici (24/48h)"

Ultimo rilevamento alle 15:27 del 2022-12-06 (Europe/Rome)



Temperatura

12.6 °C



15:00

Highcharts.com

↑ 12.6 °C

↓ 10.4 °C



Umidità

87 %



15:00

Highcharts.com

↑ 93%

↓ 87%



Pressione

1016.9 hPa



15:00

Highcharts.com

↑ 1020.4 hPa

↓ 1016.8 hPa



Pioggia

0.8 mm (0 mm/h)



15:00

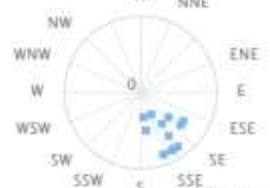
Highcharts.com

↑ Rate: 0 mm/h



Vento

3.2 km/h (SSE)



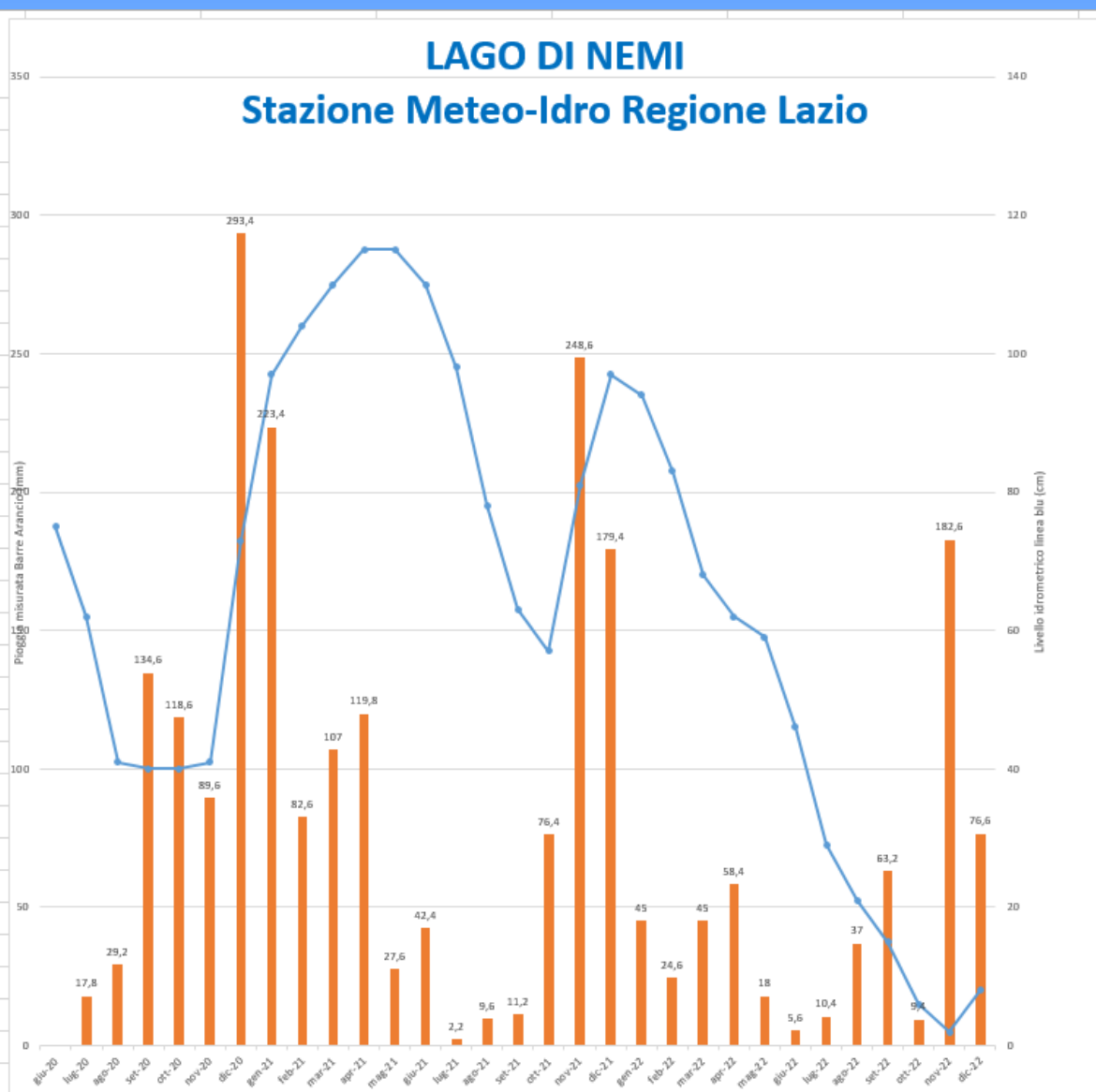
15:00

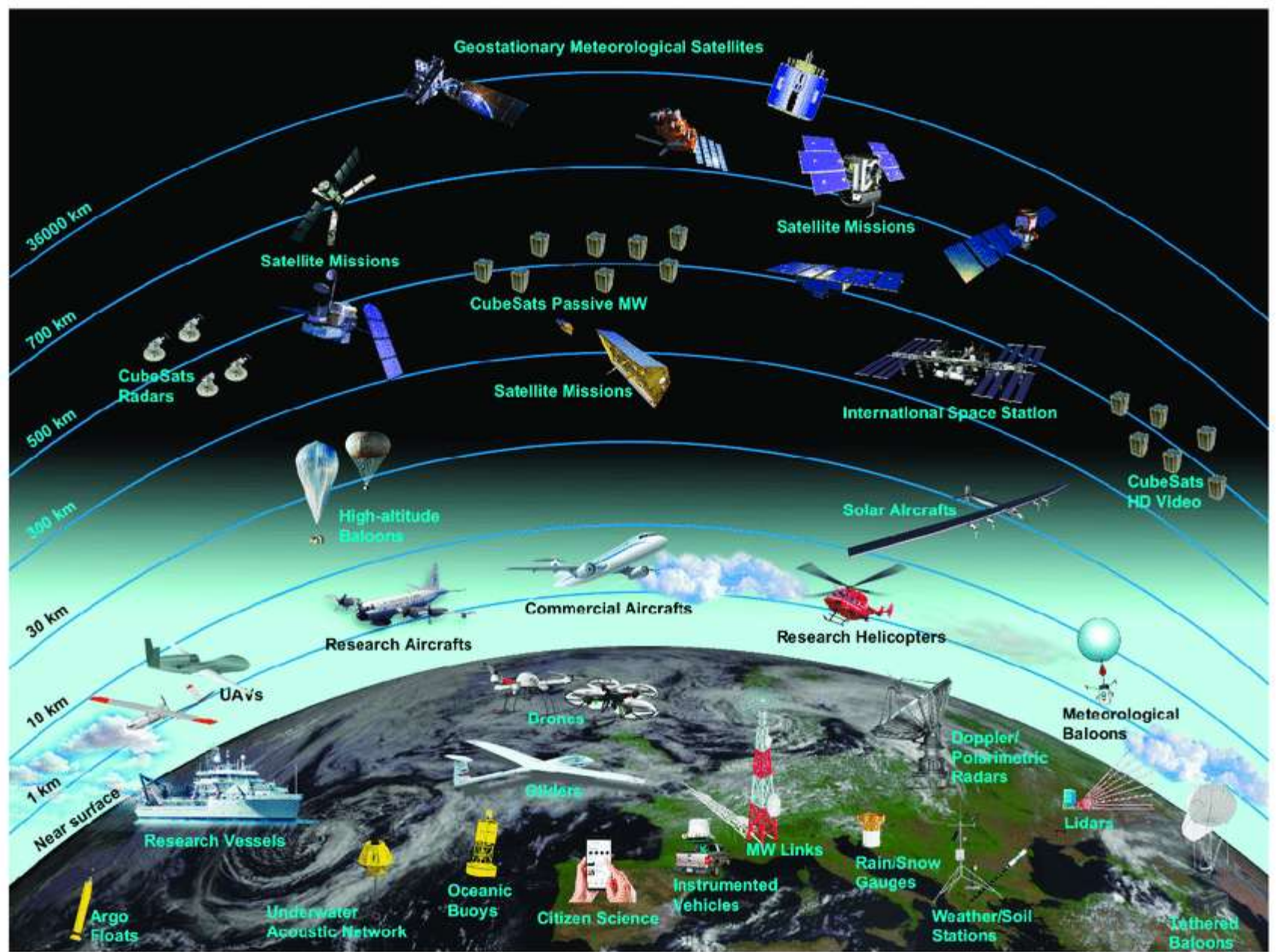
Highcharts.com

Raffica 27.4 km/h

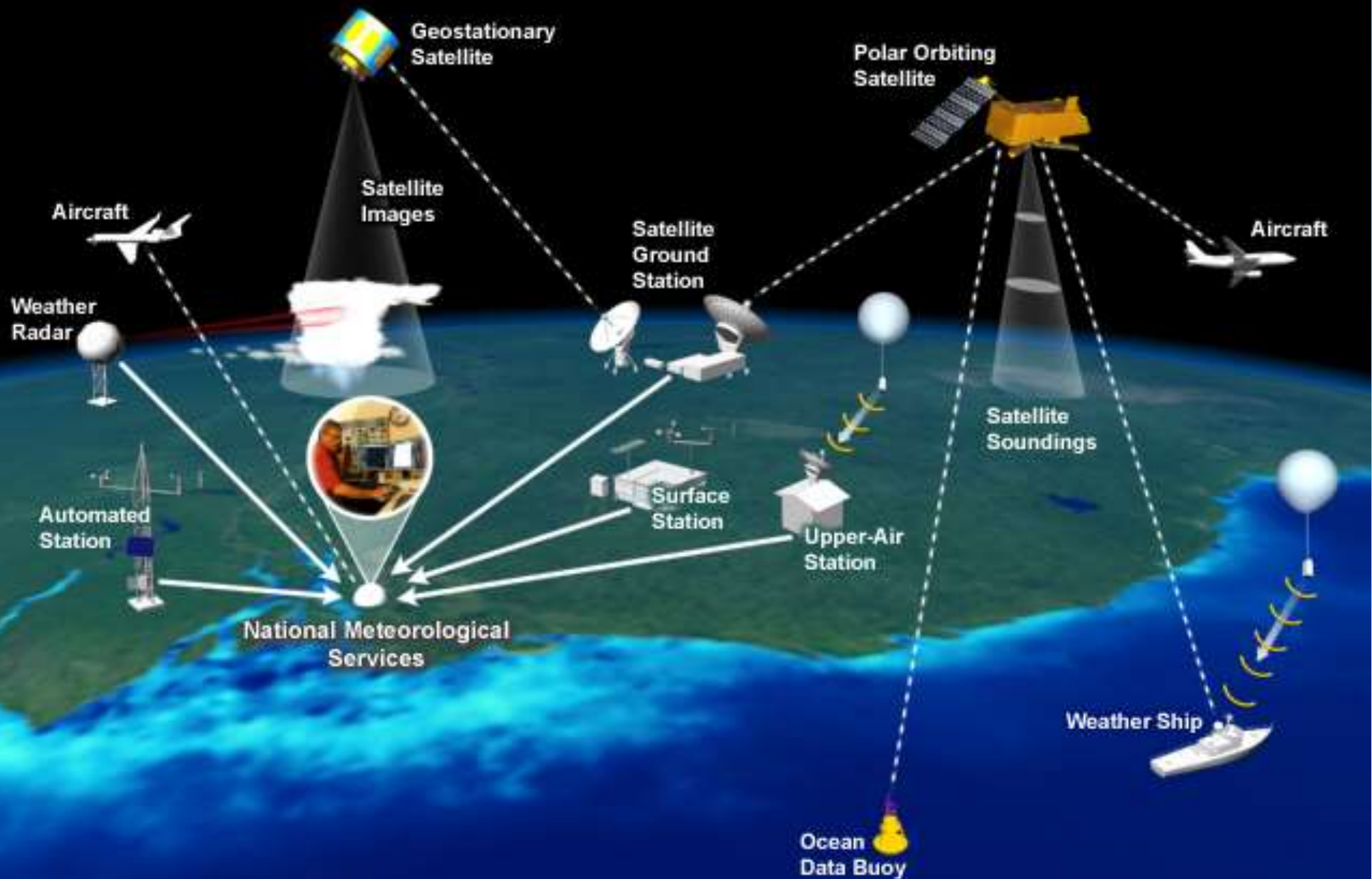
Vel. media 7.8 km/h

data	livello idro (cm) fine mese	pioggia cumulata mese (mm)	pioggia cumulata anno (mm)
giu-20	75		683,2
lug-20	62	17,8	
ago-20	41	29,2	
set-20	40	134,6	
ott-20	40	118,6	
nov-20	41	89,6	
dic-20	73	293,4	1130,2
gen-21	97	223,4	
feb-21	104	82,6	
mar-21	110	107	
apr-21	115	119,8	
mag-21	115	27,6	
giu-21	110	42,4	575,8
lug-21	98	2,2	
ago-21	78	9,6	
set-21	63	11,2	
ott-21	57	76,4	
nov-21	81	248,6	
dic-21	97	179,4	
gen-22	94	45	
feb-22	83	24,6	
mar-22	68	45	
apr-22	62	58,4	
mag-22	59	18	
giu-22	46	5,6	
lug-22	29	10,4	
ago-22	21	37	
set-22	15	63,2	
ott-22	6	9,4	
nov-22	2	182,6	
dic-22	8	76,6	



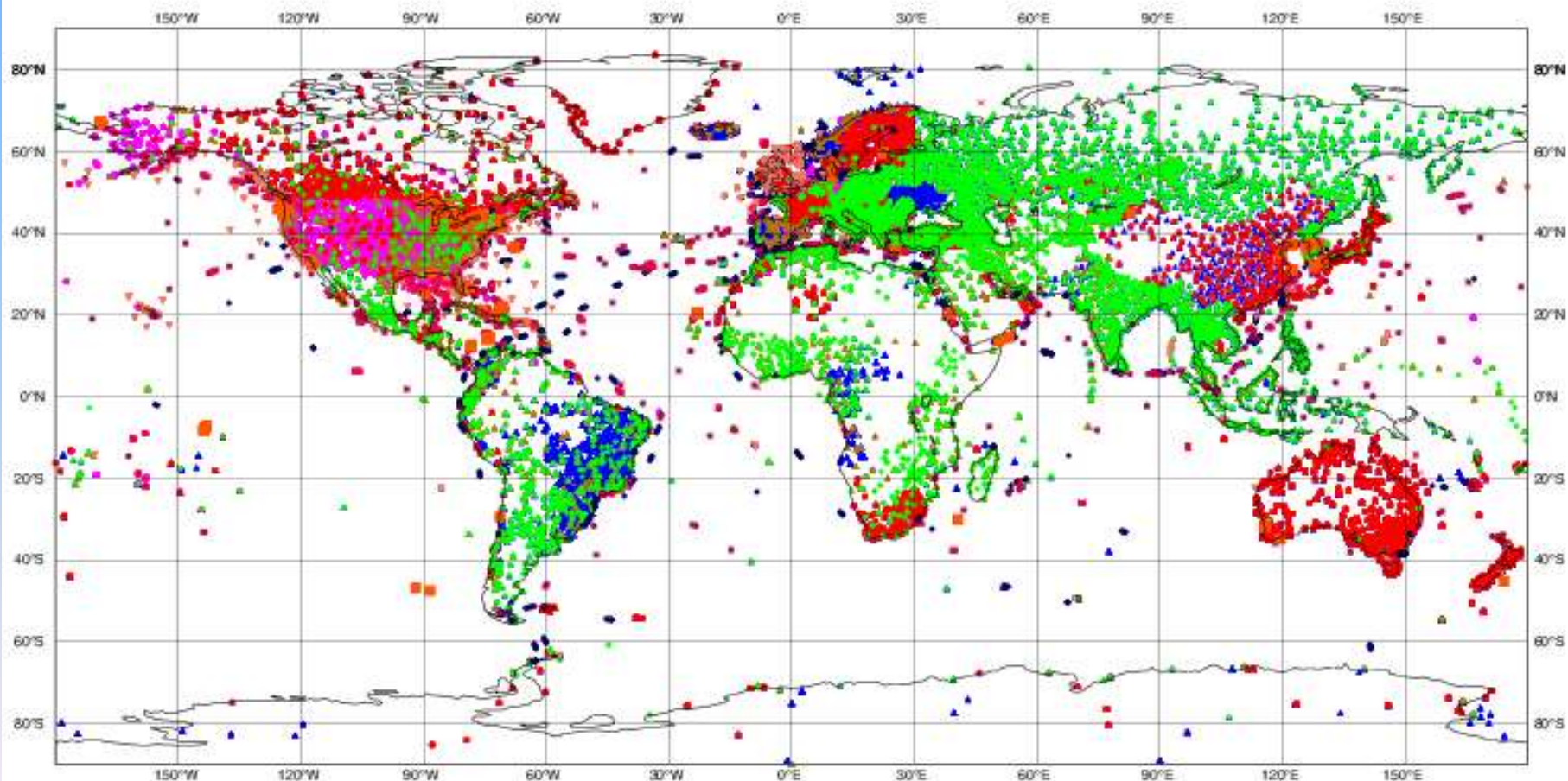


WMO Global Observing System



Circa 250.000 stazioni nel mondo

- Automatic Land SYNOP (14922)
- Manual Land SYNOP (9906)
- ▲ METAR (21910)
- ▼ Automatic SHIP (3155)
- × SHIP (1217)
- Abbreviated SHIP (278)
- Automatic METAR (36878)
- ◆ BUFR SHIP SYNOP (4608)
- ▲ BUFR LAND SYNOP (163557)

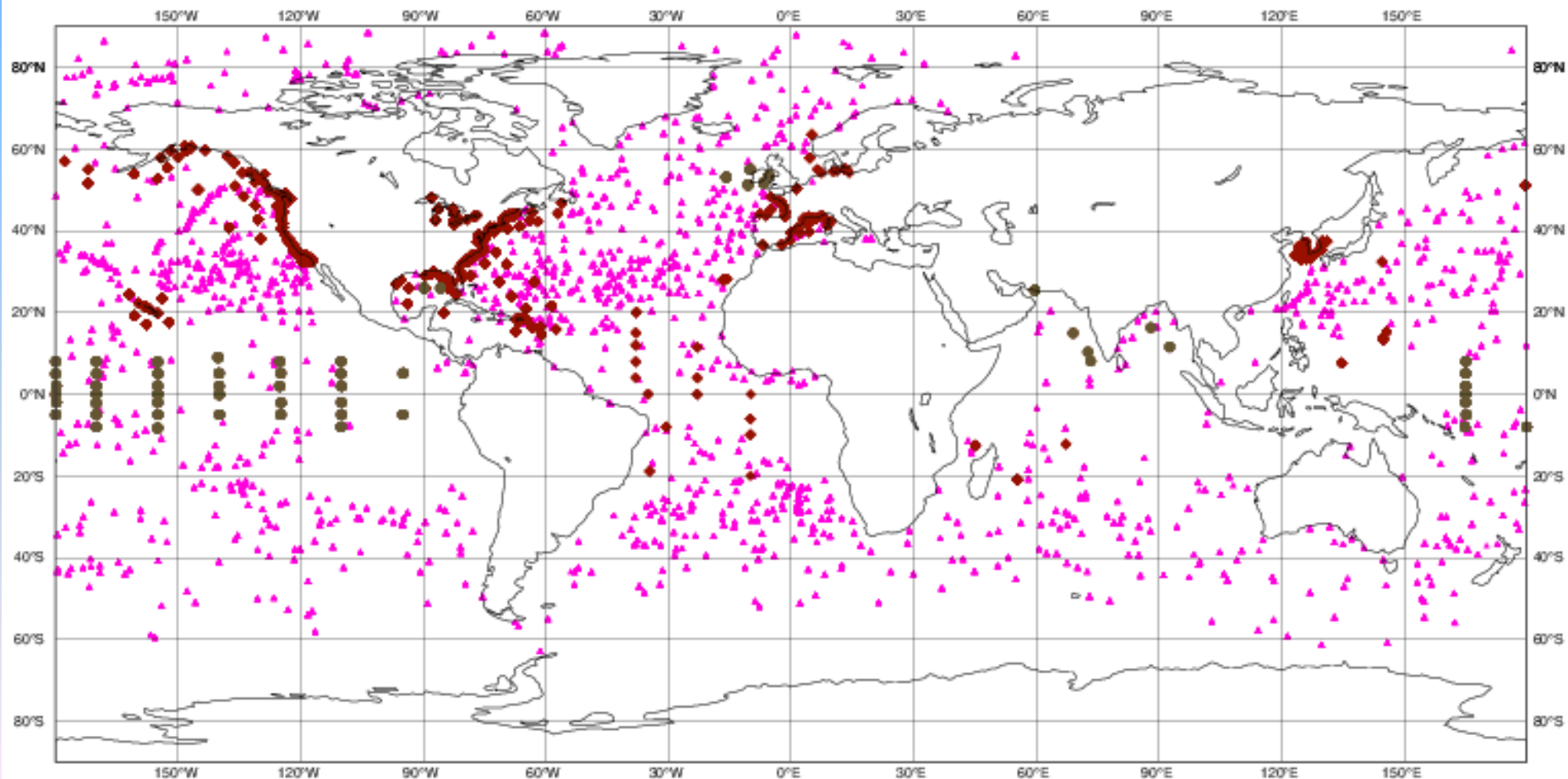


Circa 1800 boe nei mari del mondo

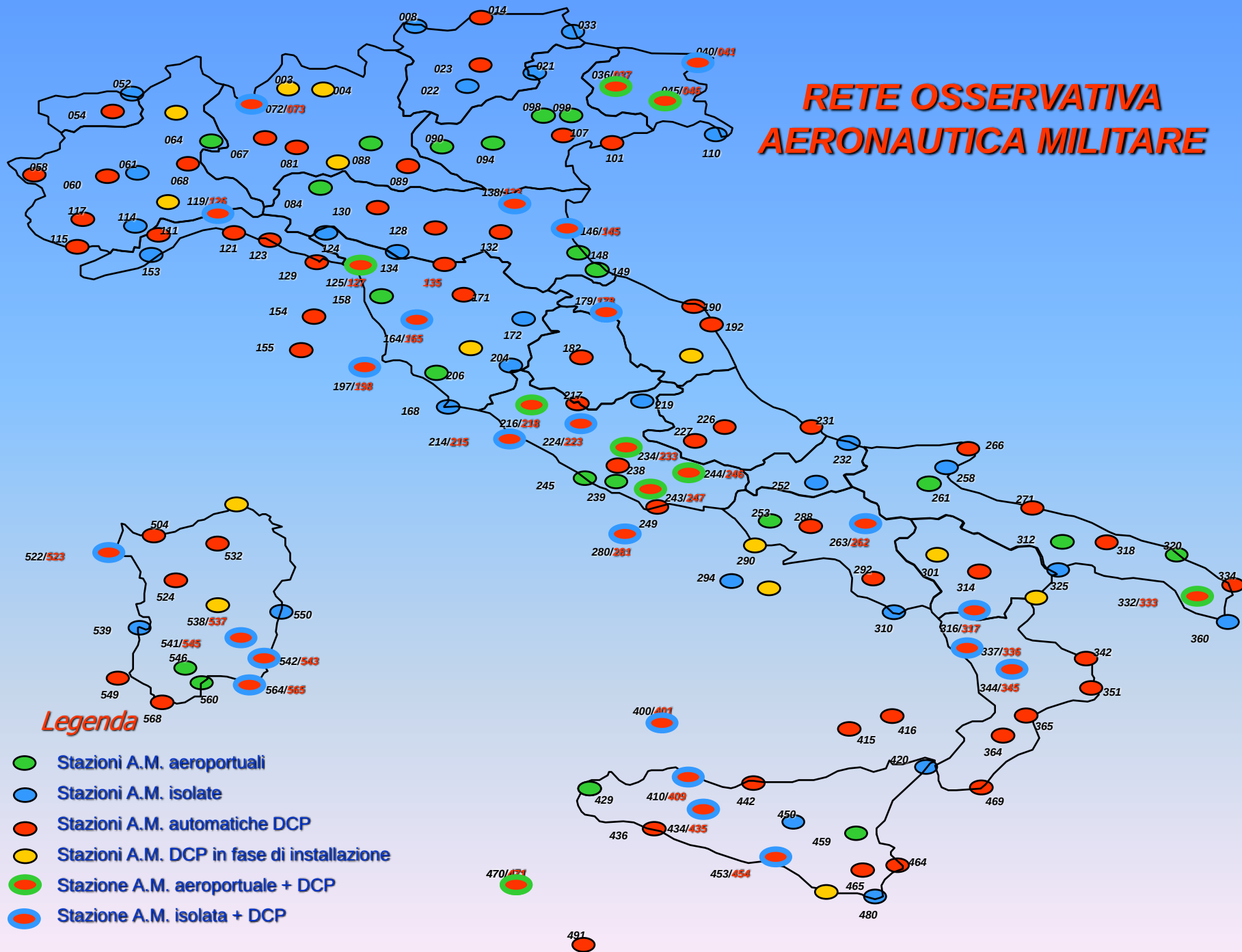
● DRIBU (59)

◆ MOORED BUOYS (371)

▲ DRIFTING BUOYS (1344)



RETE OSSERVATIVA AERONAUTICA MILITARE



La Stazione Meteo di Osservazione

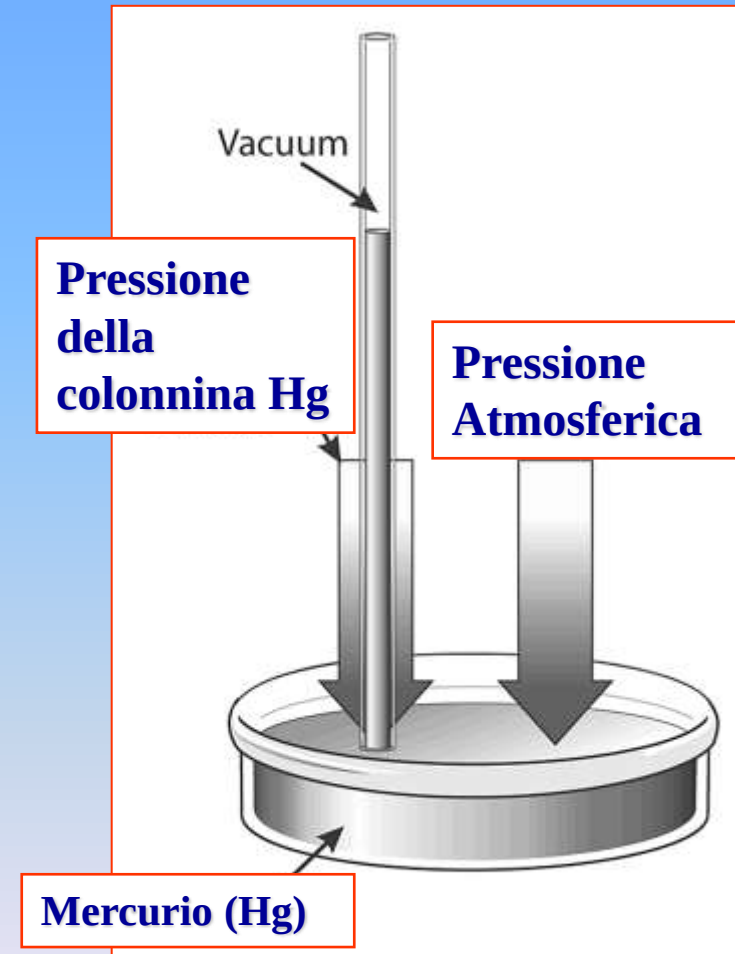
3.488 metri slm





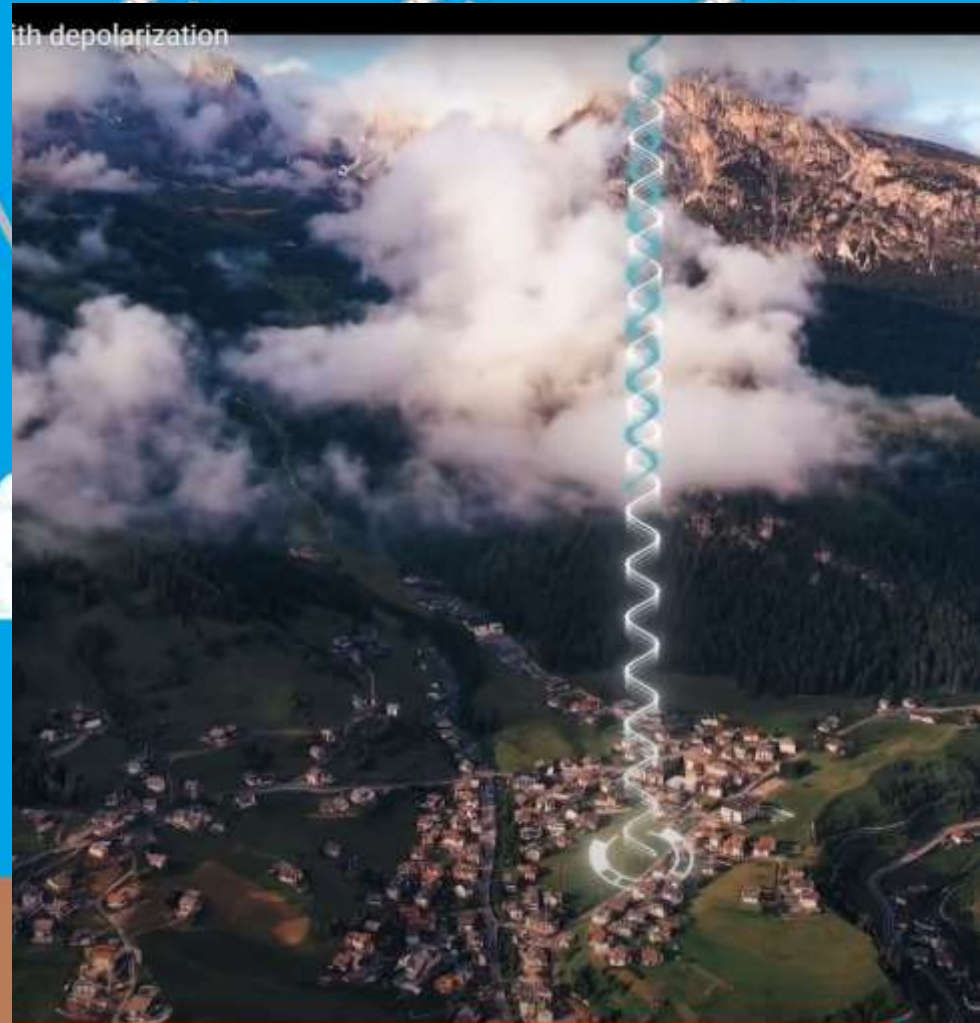


Barometro

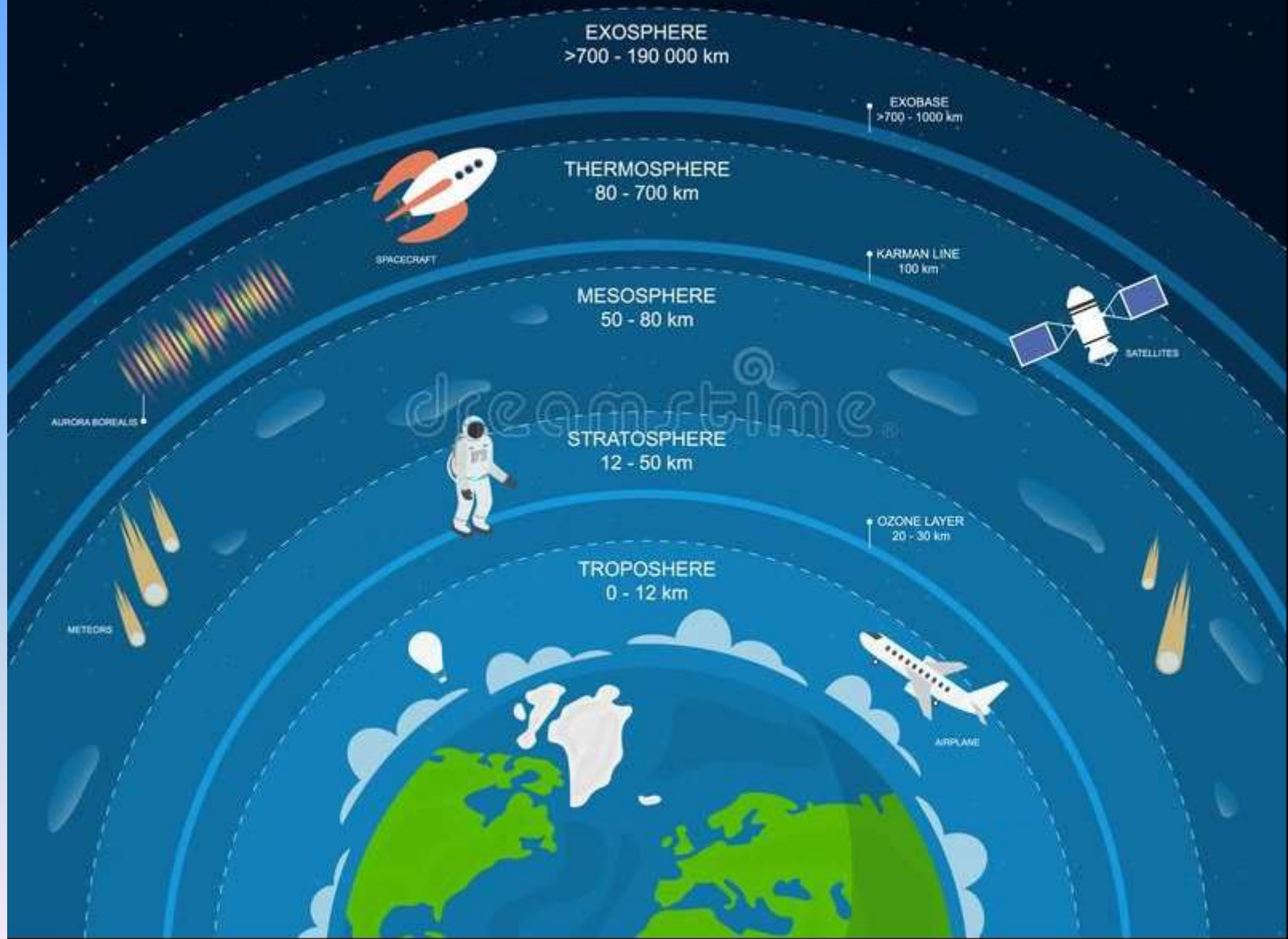




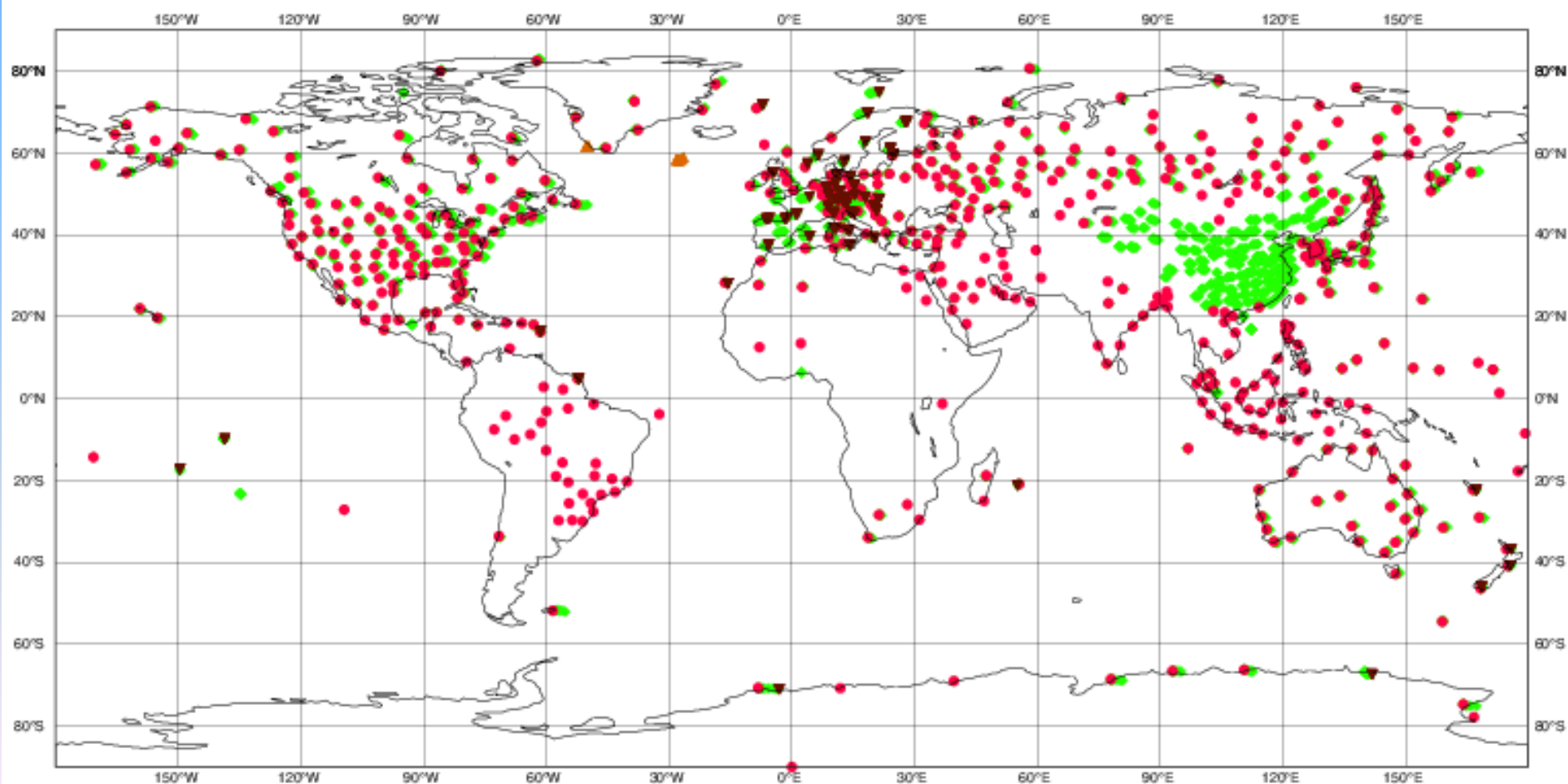
Misura Altezza Nubi



ATMOSPHERE



Circa 1100 stazioni palloni sonda nel mondo



Stazioni Lancio Radiosonde



Legenda

- Stazioni RDS A.M.
- Stazioni RDS ARPA Piemonte ed Emilia Romagna





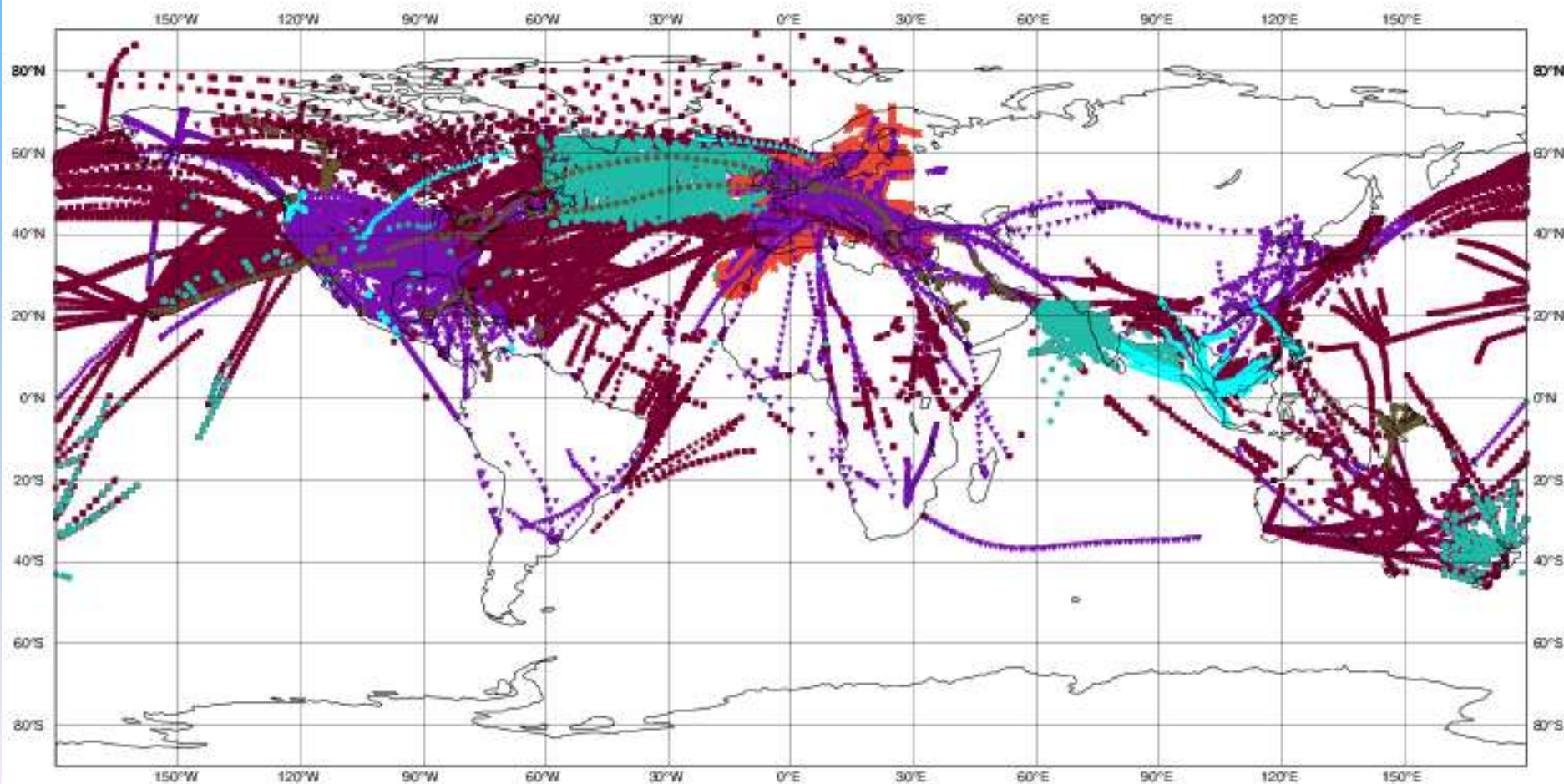
Più di mezzo milione di dati da aeroplano nel mondo



✕ Mode-S (400269)

■ ADS-C (18030)

● A FIRS (3770)



Il Radar Meteo

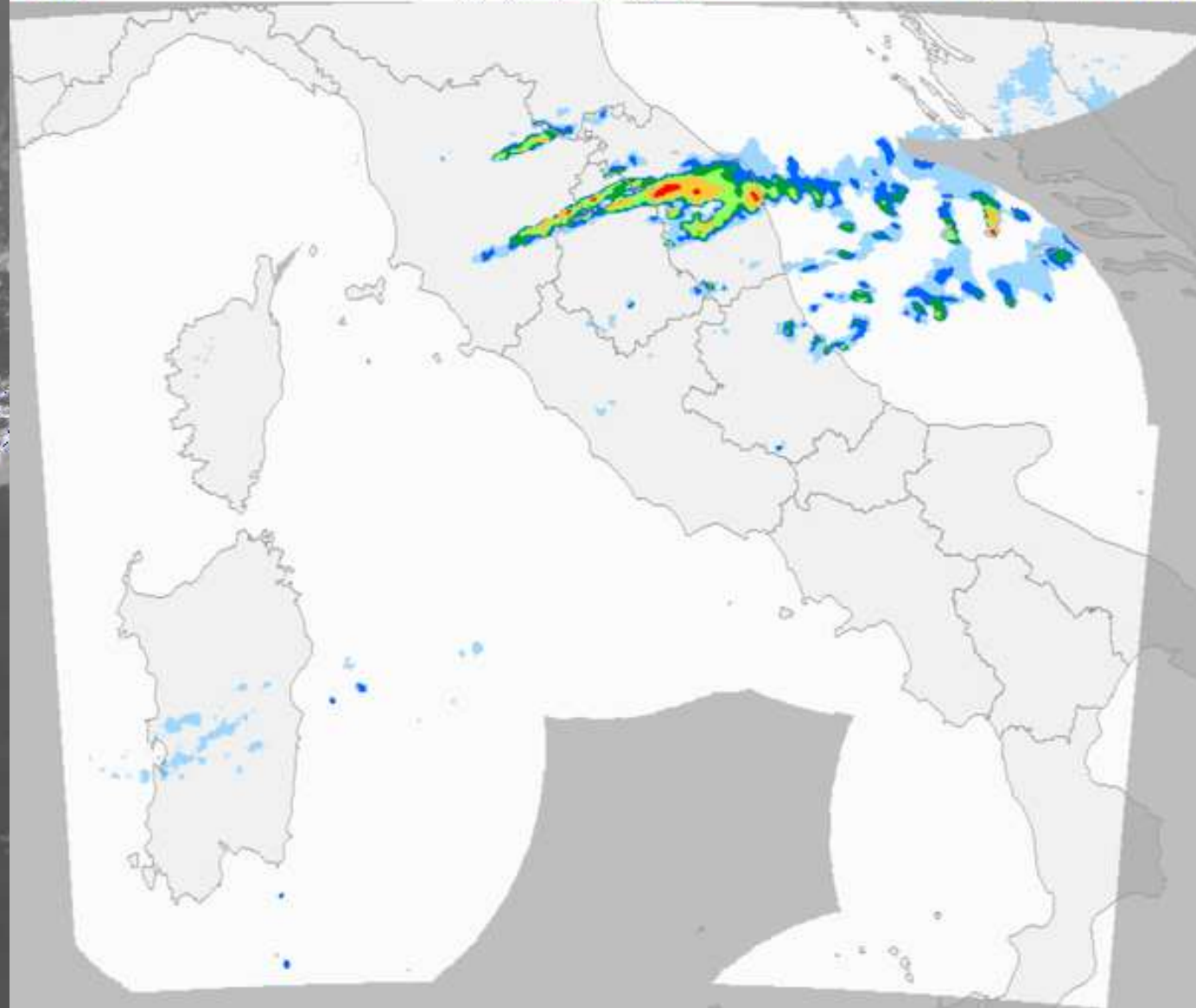
METEOR 700S

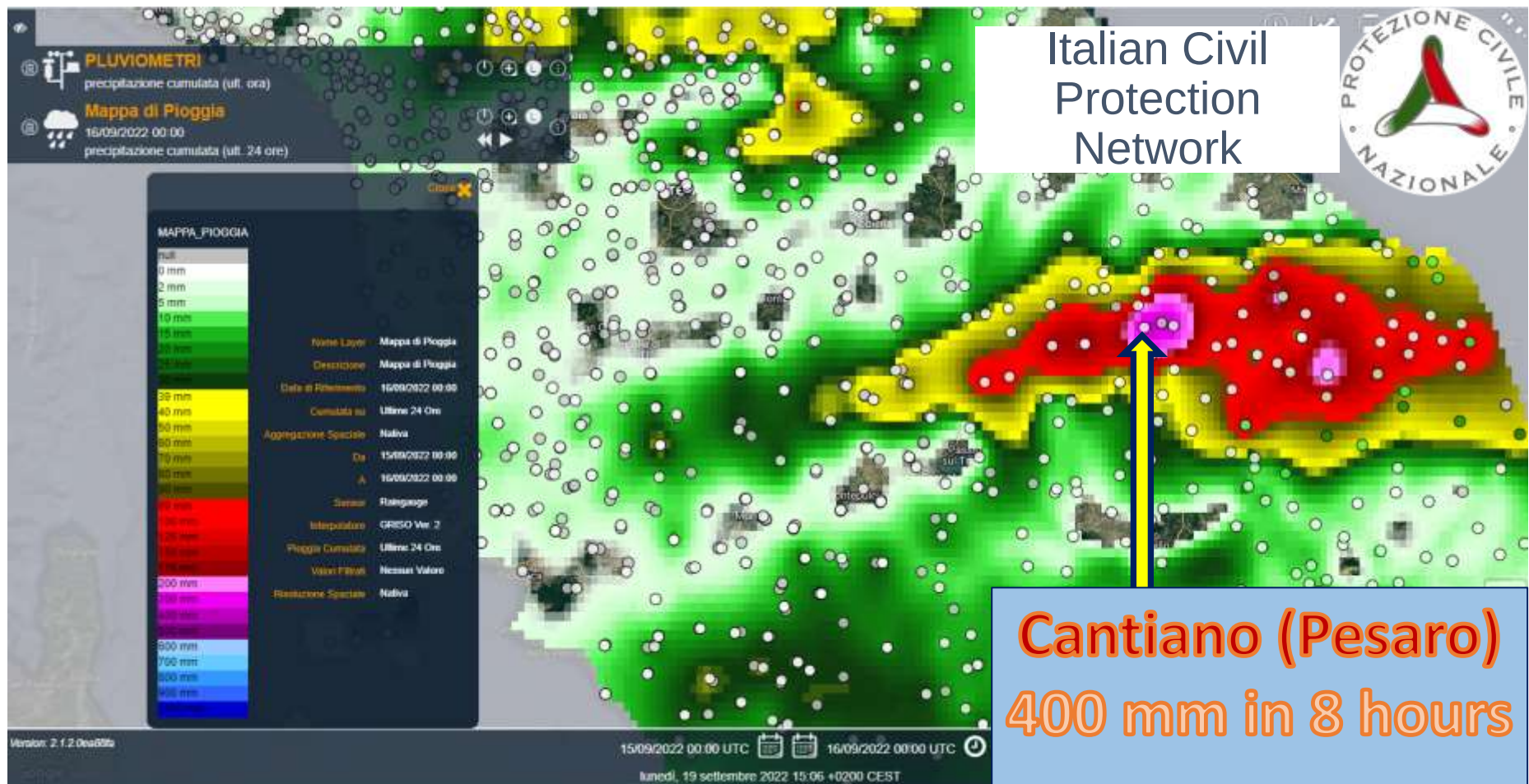


TECHNICAL DATA



Italia 15-09-2022 17:00 UTC - Radar SRI mm/h

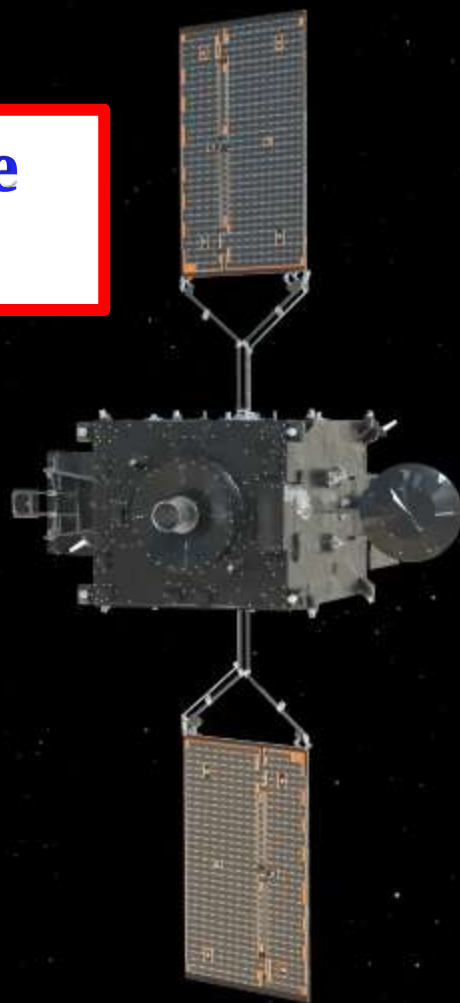




I SATELLITI METEOROLOGICI

EUMETSAT

**Dicembre
2022**



(EUMETSAT)
0°

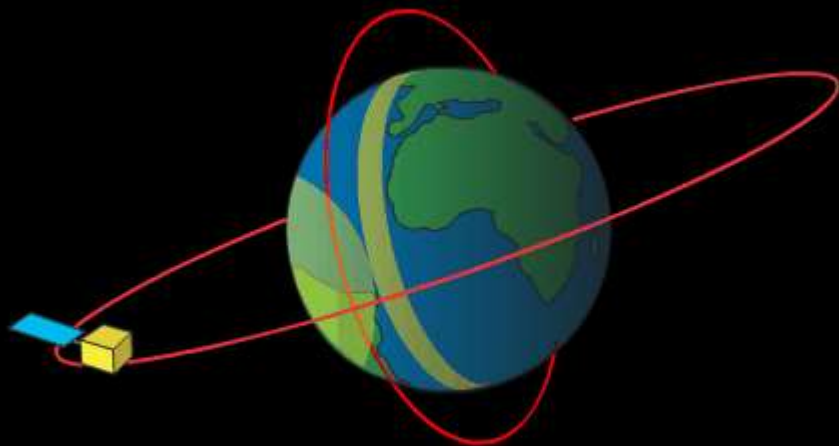
METEOSAT-10
(EUMETSAT)
57.5°E

(Russia)
76°E



**View of Earth from a camera on V-2 #13, launched
October 24, 1946**

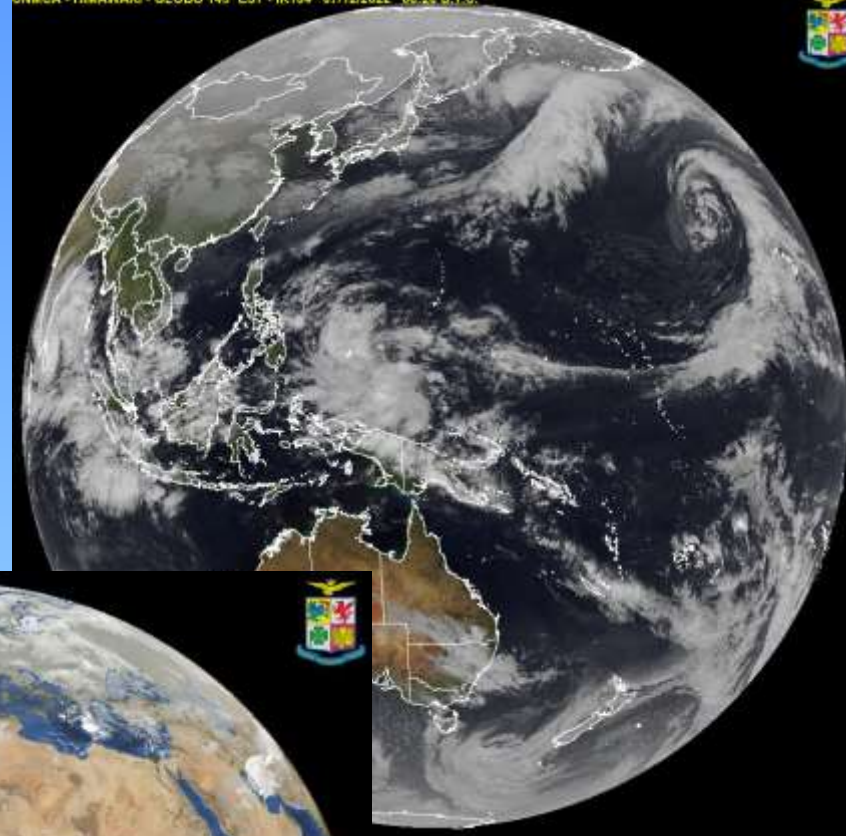




CNMCA - GOES - GLOBE - IR 10.7 07/12/2022 08:30 U.T.C.



CNMCA - HIMAWARI - GLOBE 145° EST - IR104 07/12/2022 08:26 U.T.C.

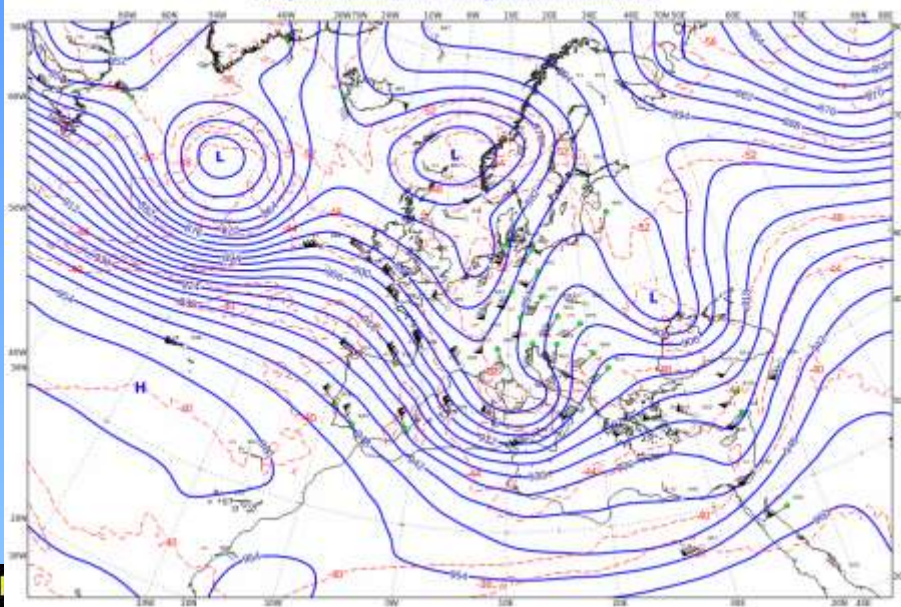


CNMCA - MSG - IR 10.8 - 07/12/2022 08:15 UTC

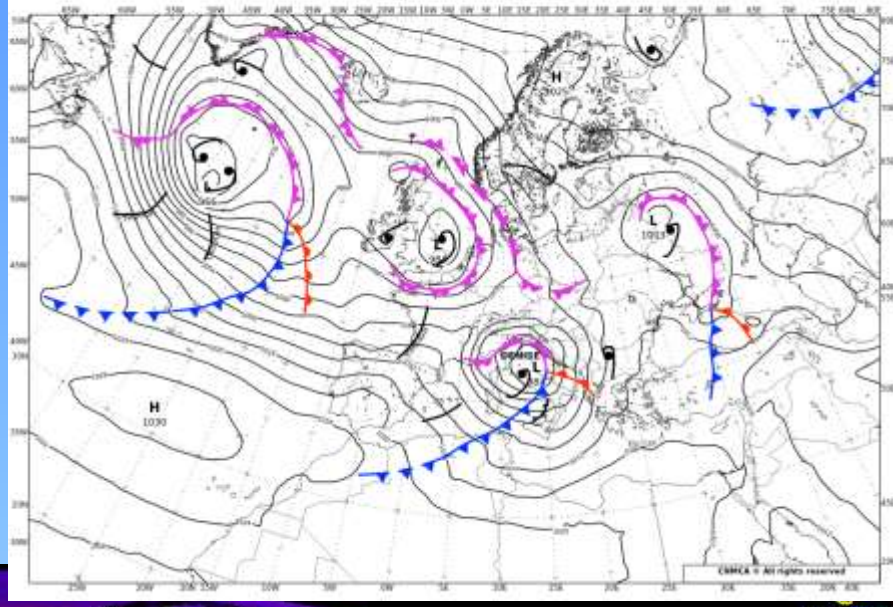


ROME Analysis VT: TUESDAY 22 NOVEMBER 2022 12 UTC

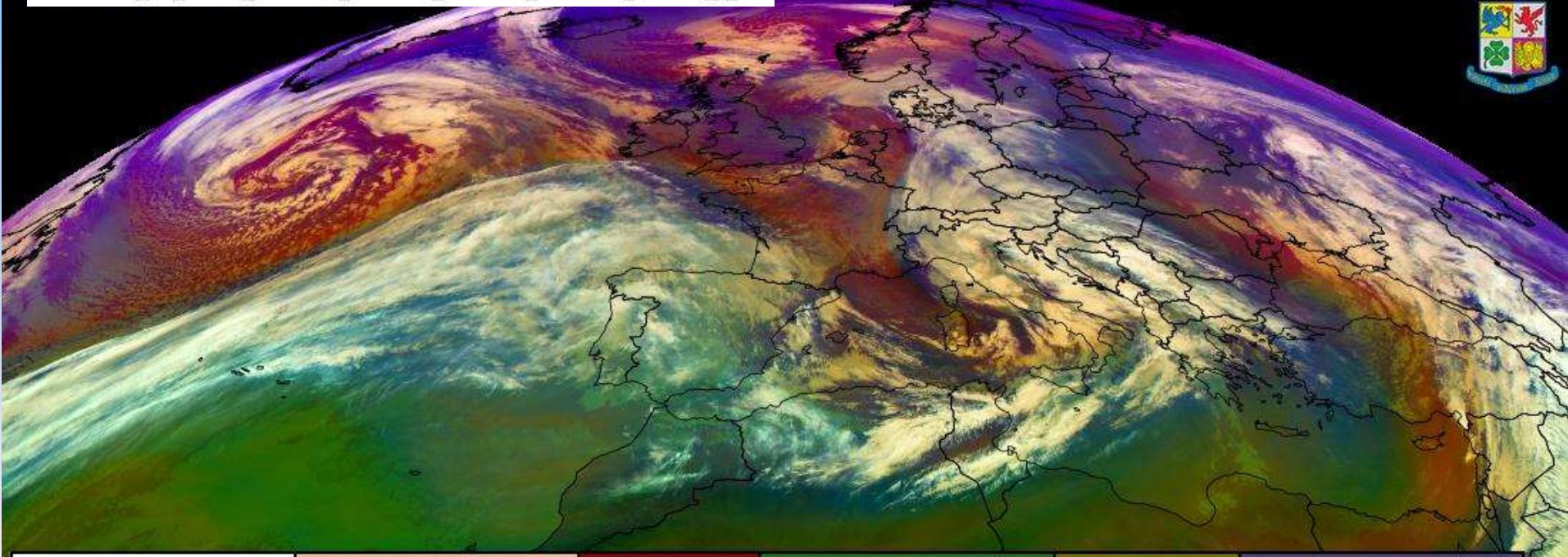
Geopotential at 300hPa + Temperature at 300hPa 3DV



Analysis Chart
Mean Sea Level Pressure (hPa) with Fronts
VT 1200 UTC 22-11-2022



C



Thick, high-level clouds	Thick, mid-level clouds	Jet (high PV)	Thick, low-level clouds (warm airmass - High UTH)	Warm Airmass (Low UTH)	Thick, low-level clouds (cold airmass)
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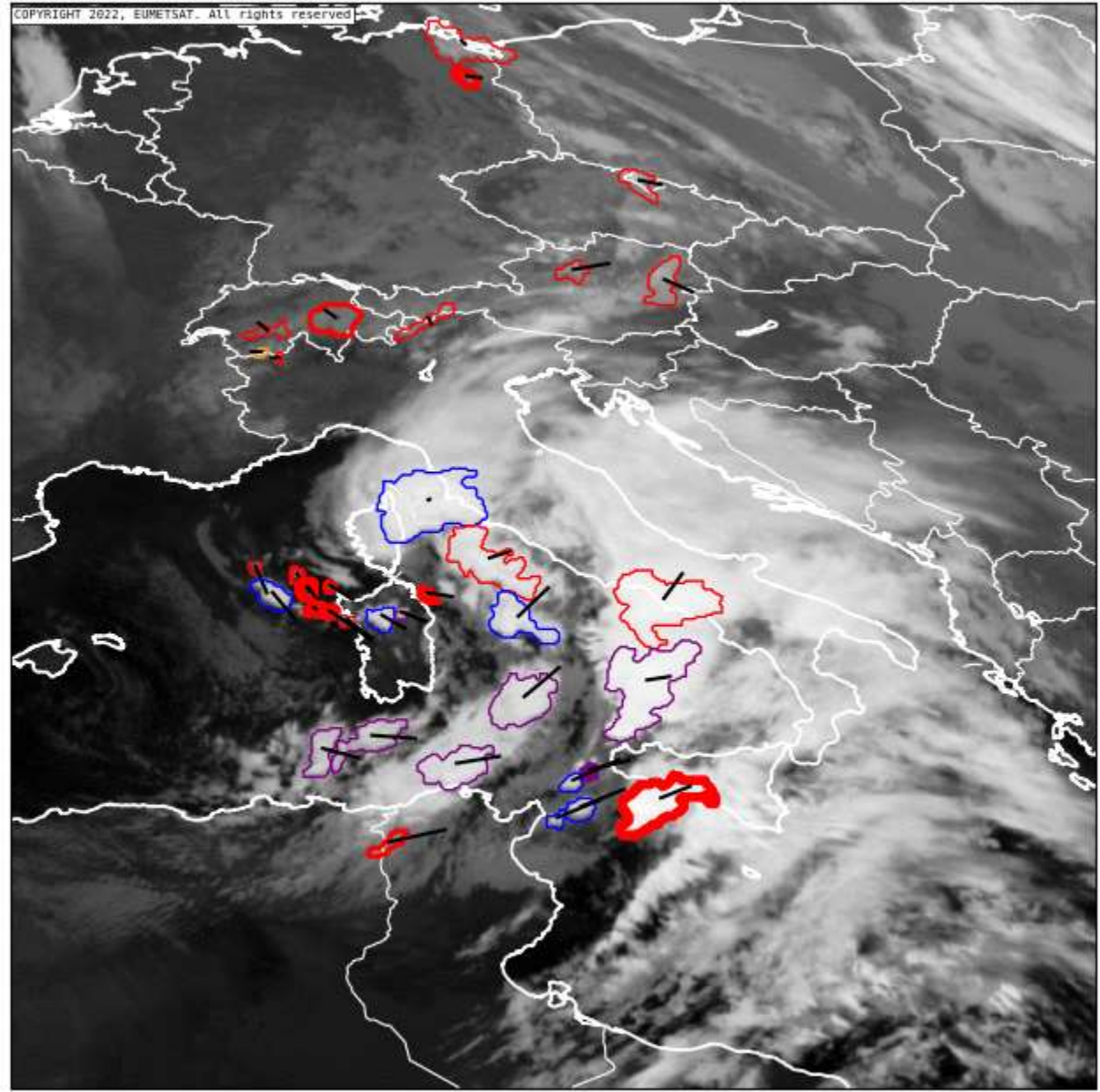
CNMCA - MSG - ITALIA RGB VIEW 28/11/2022 09:45 UTC



CNMCA PRATICA DI MARE - NAR SST - 20221128

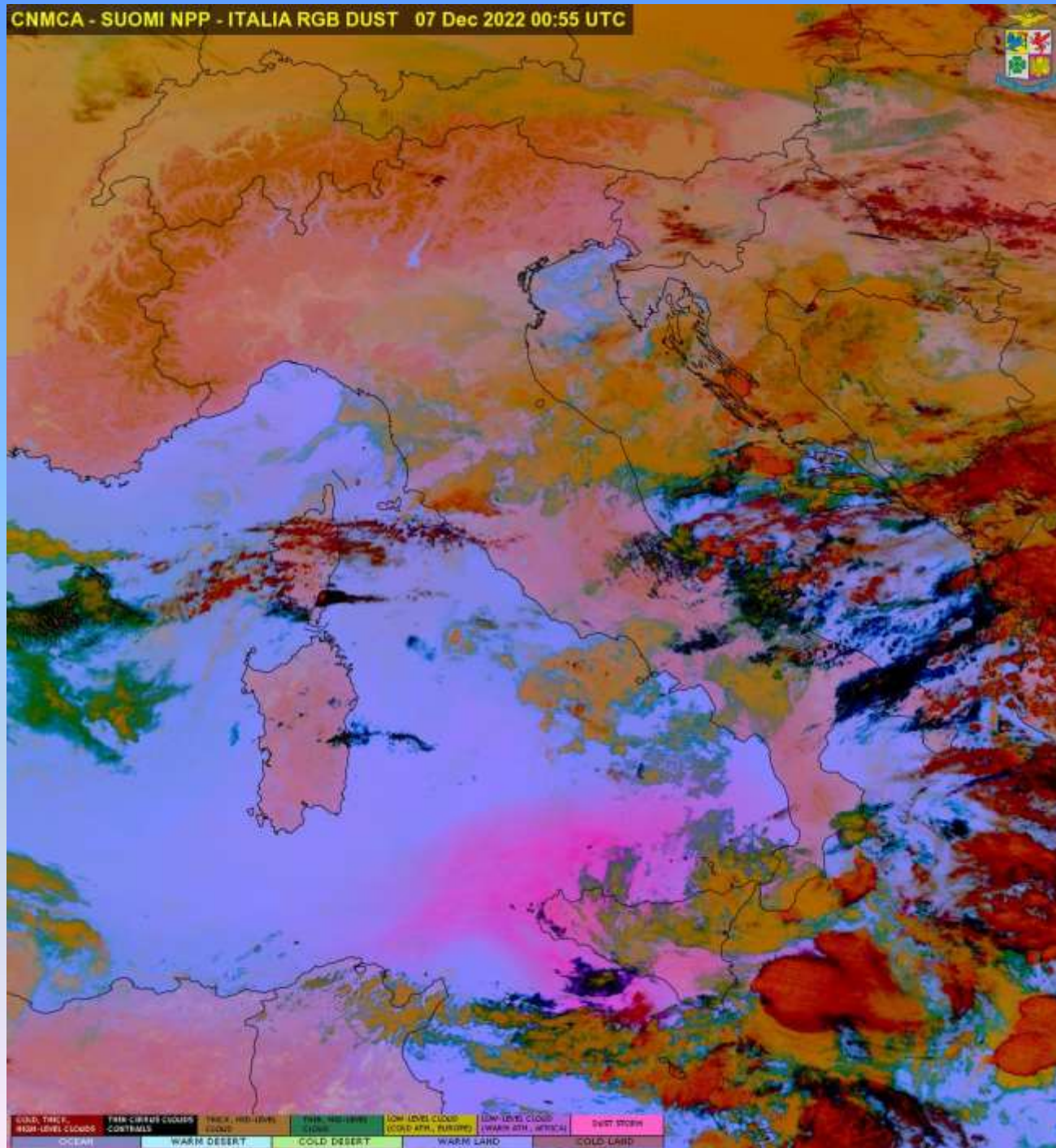


S_NWC_RDT-CW_MSG4_italia-VISIR_20221126T020000Z



NWC GEO RDT-CW

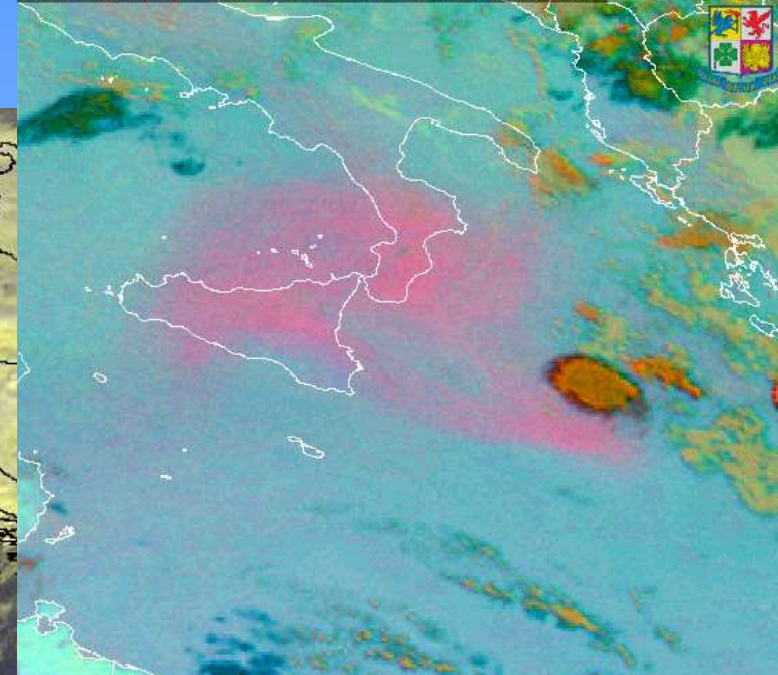
Triggering Triggering from Split Growing Maturity Decaying



Sabbia sulla Sicilia

Meteo-BarcellonaPozzoDiGotto.it 2022-12-07 11:22:00

CNMCA VOLCANIC ASH RGB SICILIA 07/12/2022 10:00 U.T.C.



Meteo-BarcellonaPozzoDiGotto.it

Temp: 19.4°C UR: 56% Press: 1010.7hPa Vento: S
WebCam: Meteo-BarcellonaPozzoDiGotto.it

ASH CLOUDS



Caronia - www.caronia.eu

2022-12-07 11:17:54

SINTESI

OSSERVARE IL TEMPO



I SATELLITI



LE STAZIONI

