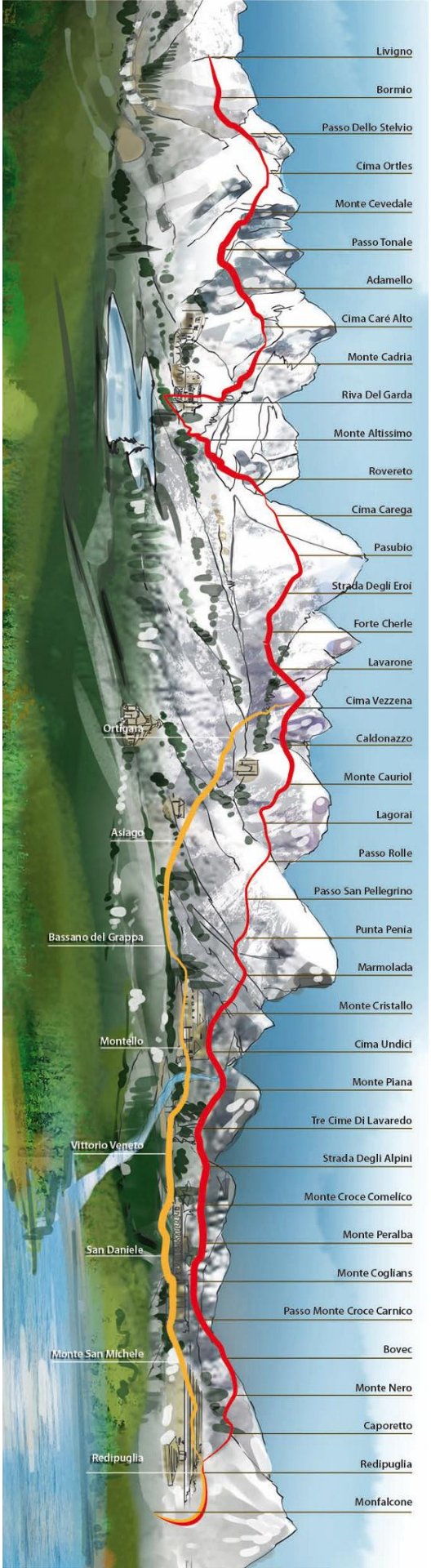
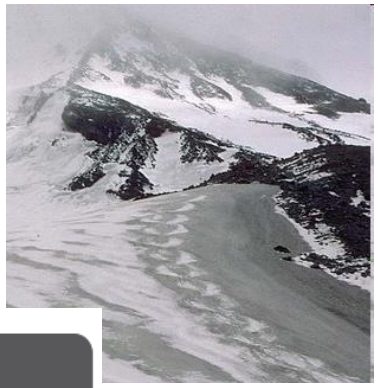
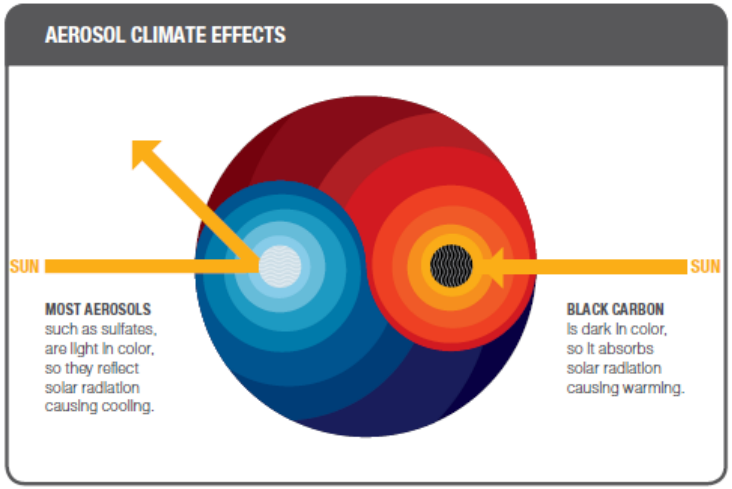

Livigno
Bormio
Passo Dello Stelvio
Cima Ortles
Monte Cevedale
Passo Tonale
Adamello
Cima Caré Alto
Monte Cadria
Riva Del Garda
Monte Altissimo
Rovereto
Cima Carega
Pasubio
Strada Degli Eroi
Forte Cherle
Lavarone
Cima Vezzena
Ortigara
Caldonazzo
Monte Cauriol
Lagorai
Asiago
Passo Rolle
Passo San Pellegrino
Punta Penia
Bassano del Grappa
Marmolada
Monte Cristallo
Montello
Cima Undici
Monte Piana
Tre Cime Di Lavaredo
Vittorio Veneto
Strada Degli Alpini
Monte Croce Comelico
Monte Peralba
San Daniele
Monte Coglians
Passo Monte Croce Carnico
Bovec
Monte San Michele
Monte Nero
Caporetto
Redipuglia
Redipuglia
Monfalcone

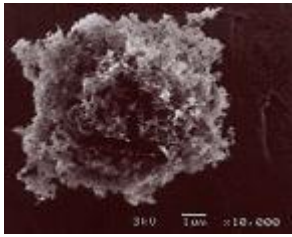
Centralina e parametri misurati

- **Black Carbon (BC):** misurato tramite un Micro-Aethalometer Magee AE51.
- **Concentrazione in numero dell'aerosol (frazioni *accumulation* e *coarse)*:** misurate tramite un Optical Particle Counter (OPC, GRIMM 1.108).
- **Parametri meteorologici:** temperatura, pressione ed umidità relativa, misurati attraverso un sensore messo a punto dal CNR-ISAC.

Mettere qualche foto della centralina/zaino

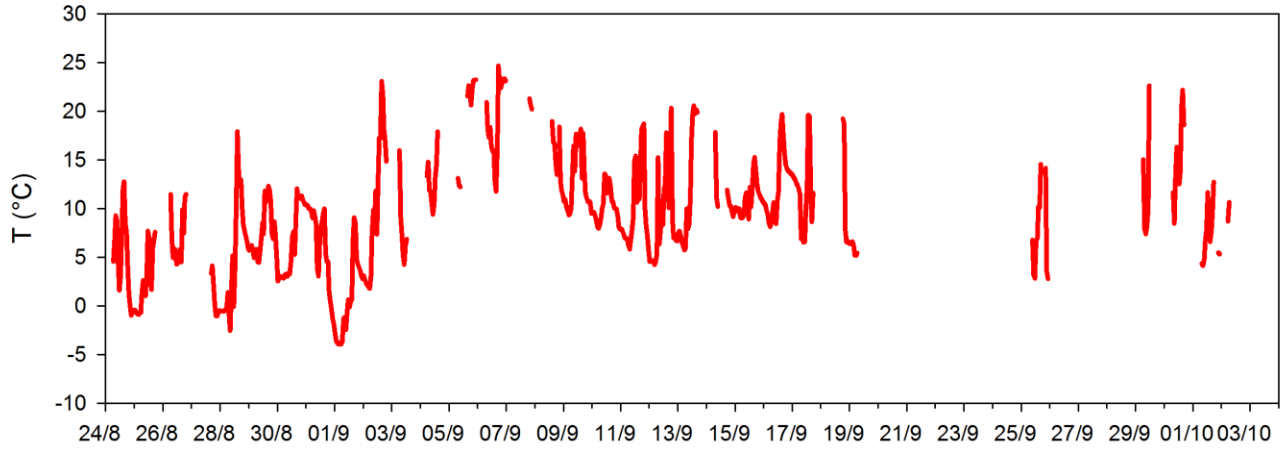




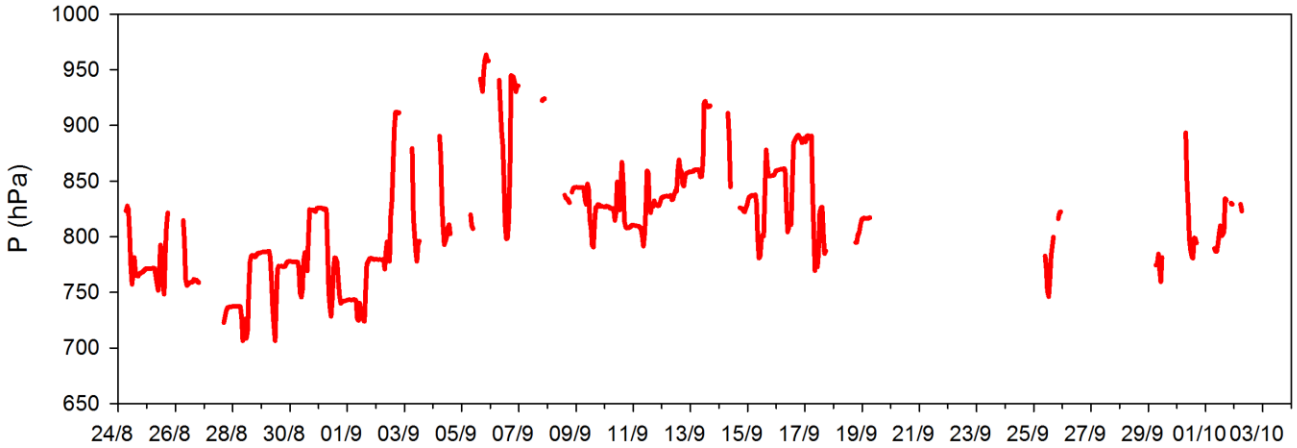


Dati Meteo Centralina: T, P, RH

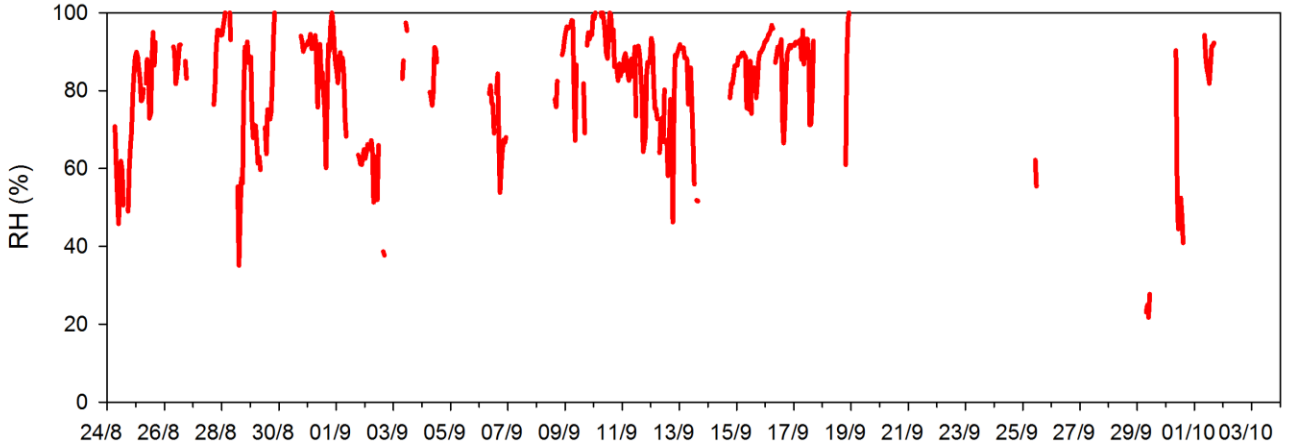
Temperatura ambiente



Pressione ambiente

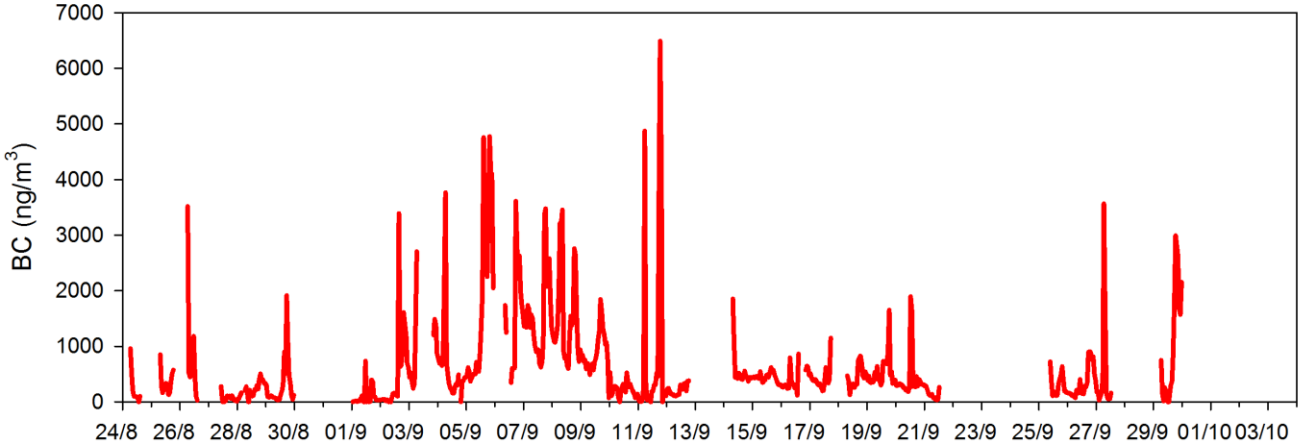


Umidità relativa

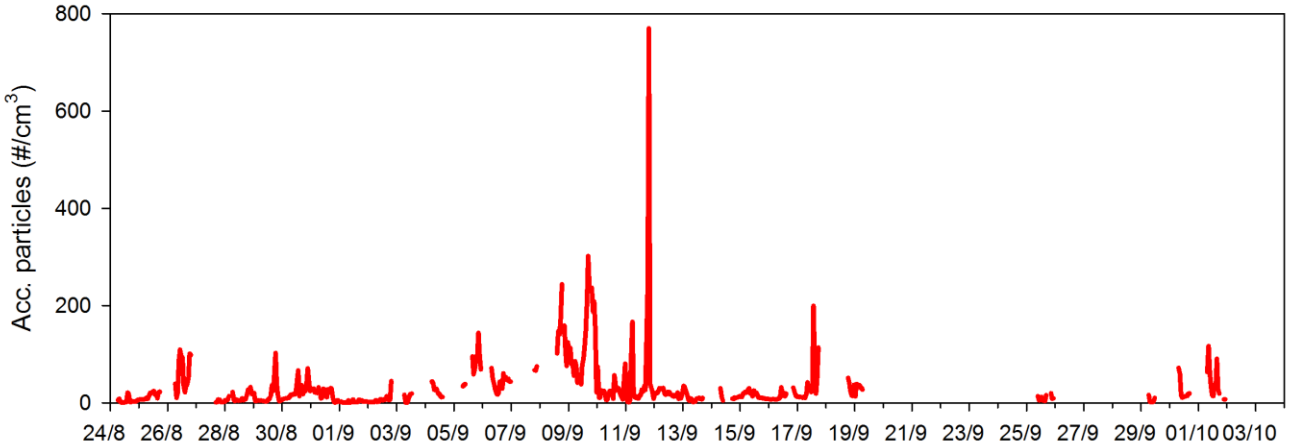


Serie temporali BC, particelle *accumulation* e *coarse*

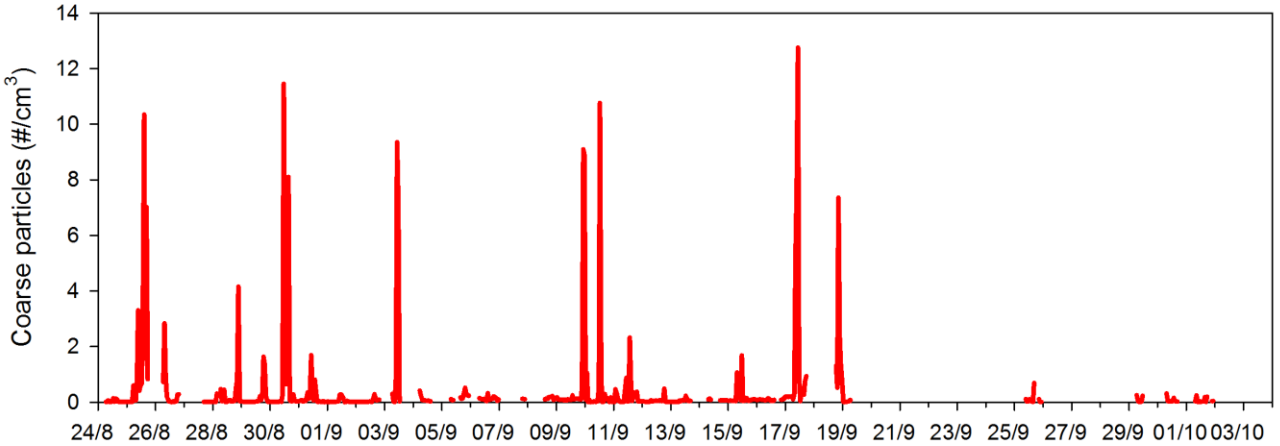
Black Carbon



 # particelle frazione *accumulation*



 # particelle frazione *coarse*



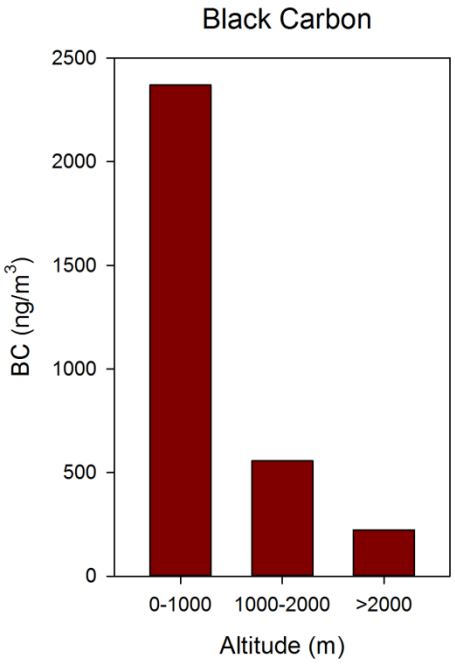
Statistiche parametri principali, divise per fasce di quota, prima...

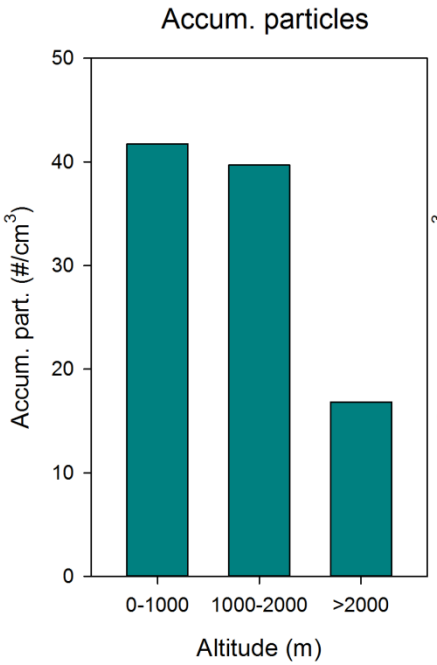
	0 – 1000 m			1000 – 2000 m			> 2000 m		
	BC (ng/m^3)	Accum. ($\#/cm^3$)	Coarse ($\#/cm^3$)	BC (ng/m^3)	Accum. ($\#/cm^3$)	Coarse ($\#/cm^3$)	BC (ng/m^3)	Accum. ($\#/cm^3$)	Coarse ($\#/cm^3$)
Media	2418.99	41.72	0.14	565.75	40.84	0.38	224.68	17.36	2.73
Dev. St.	1802.36	34.75	0.17	1004.71	85.32	2.30	1257.59	40.37	20.49
N	1103	1513	1526	11259	14349	14415	8109	12025	12086
5° perc	438.70	5.15	0.03	18.90	3.07	0.01	-96.00	1.24	0.00
25° perc	1447.00	9.02	0.06	214.00	10.80	0.02	33.00	2.80	0.01
50° perc	1954.00	44.30	0.11	368.00	19.56	0.05	119.00	7.11	0.01
75° perc	3008.50	59.84	0.17	571.00	32.58	0.10	294.00	18.14	0.04
95° perc	5467.00	102.47	0.40	1435.00	168.78	0.73	821.00	57.88	3.40

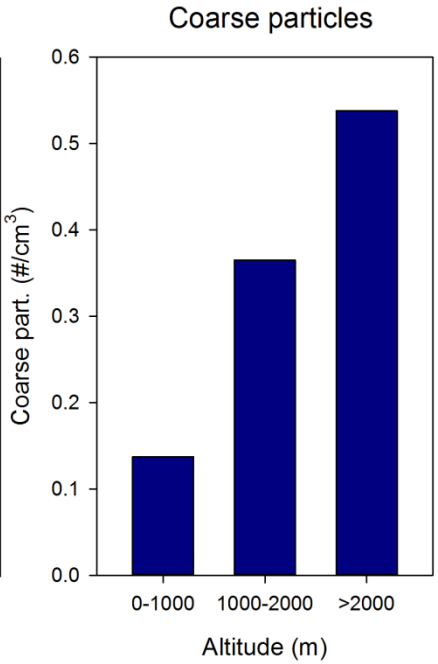
...e dopo aver rimosso gli eventi 'dubbi'

	BC (ng/m^3)	Accum. ($\#/cm^3$)	Coarse ($\#/cm^3$)	BC (ng/m^3)	Accum. ($\#/cm^3$)	Coarse ($\#/cm^3$)	BC (ng/m^3)	Accum. ($\#/cm^3$)	Coarse ($\#/cm^3$)
Media	2370.12	41.75	0.14	556.38	39.69	0.37	224.23	16.84	0.54
Dev. St.	1602.88	34.81	0.12	961.21	77.10	2.27	1231.47	39.80	2.90
N	1093	1508	1521	11233	14300	14359	7947	11836	11869
5° perc	437.20	5.15	0.03	18.00	3.07	0.01	-97.70	1.23	0.00
25° perc	1444.00	9.01	0.06	214.00	10.78	0.02	32.00	2.76	0.01
50° perc	1954.00	44.39	0.11	367.00	19.49	0.05	119.00	6.98	0.01
75° perc	2978.00	59.94	0.16	569.00	32.39	0.10	297.00	17.81	0.04
95° perc	5402.00	102.47	0.39	1418.40	167.24	0.67	825.00	53.10	1.40

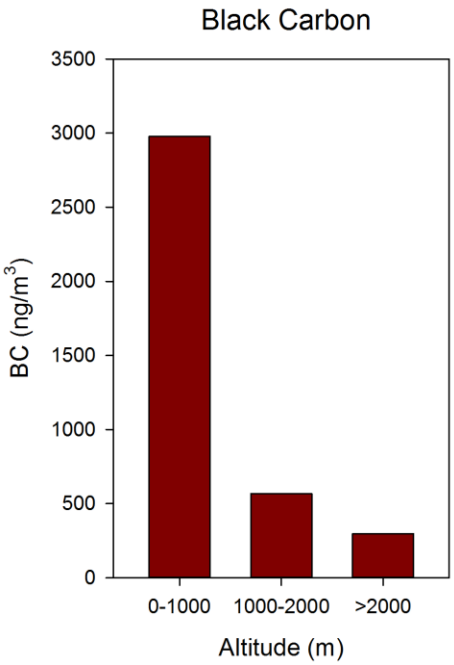
Medie

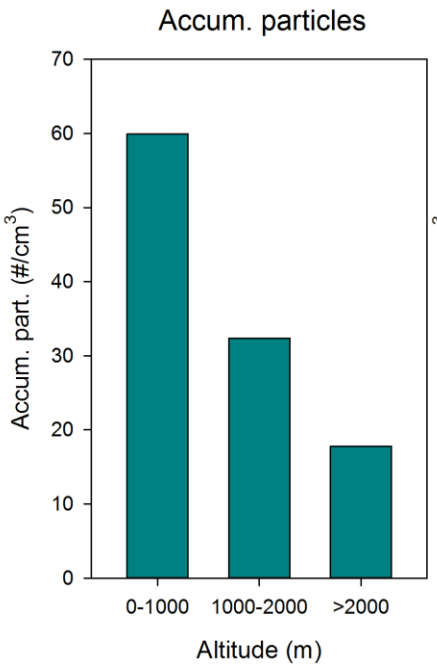


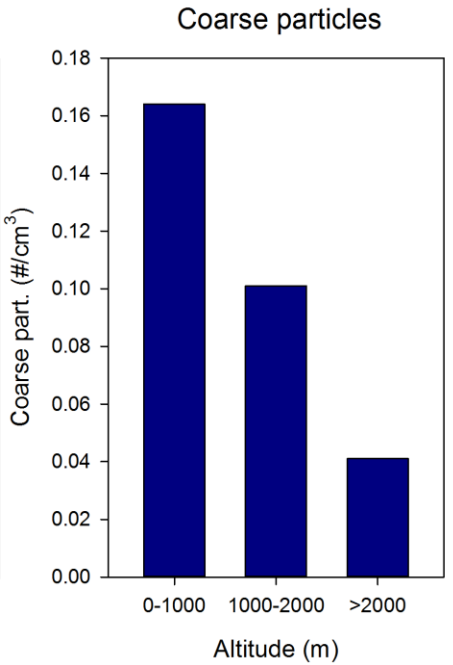




75° perc

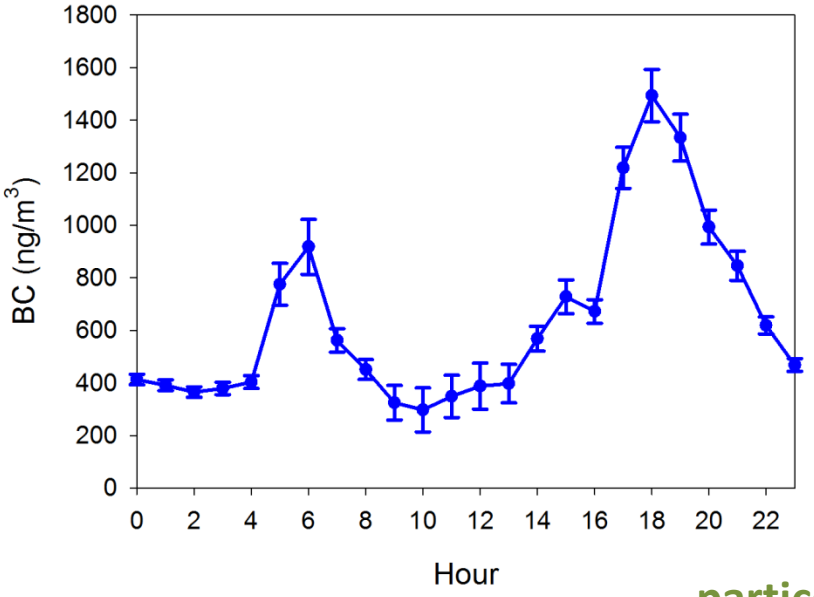




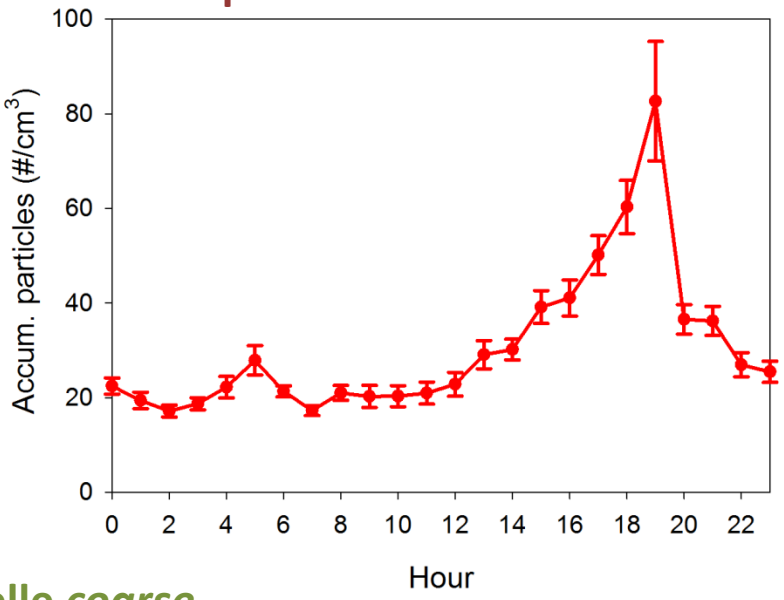


Andamenti diurni calcolati considerando tutti i dati

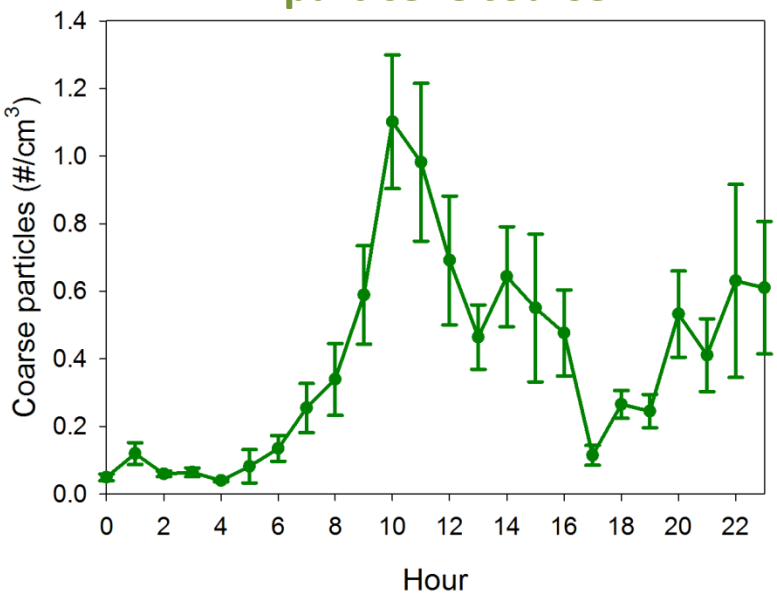
Black Carbon



particelle *accumulation*

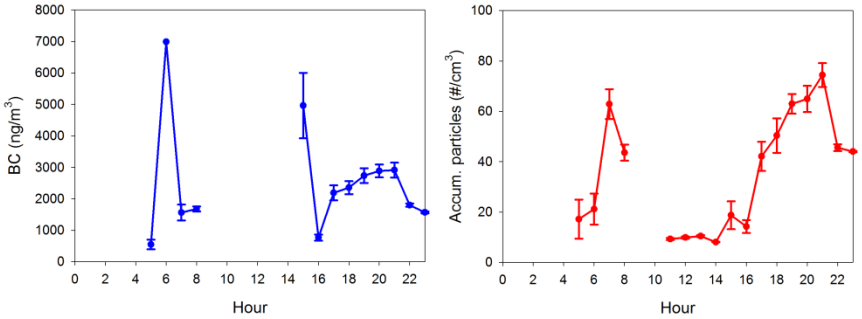


particelle *coarse*

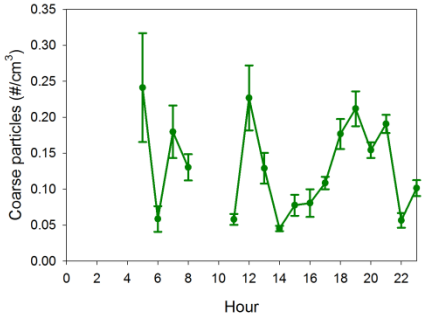


Andamenti diurni divisi per fasce di quota

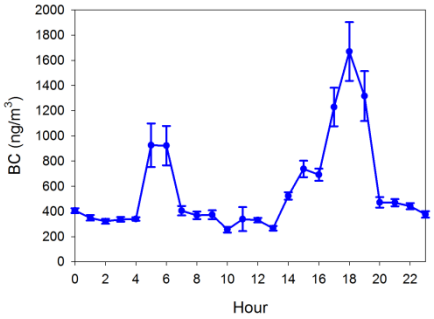
0 – 1000 m

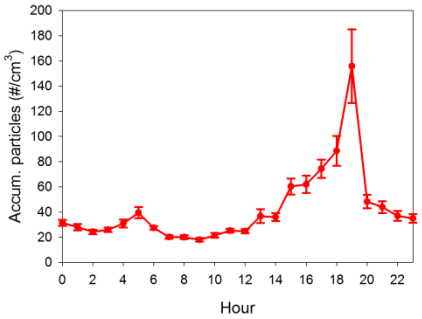


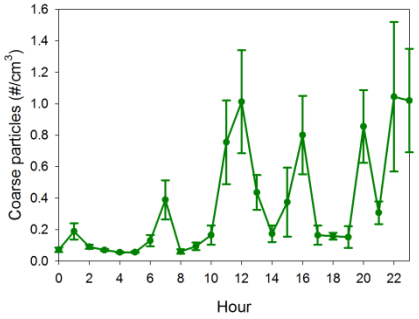
5% dei dati



1000 – 2000 m

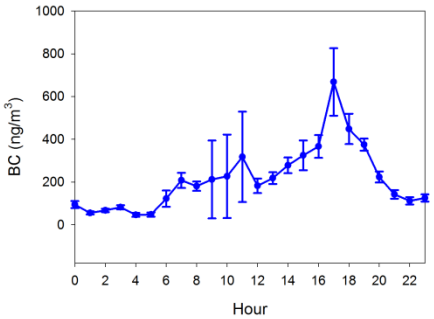


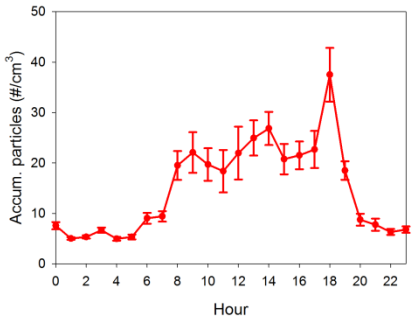


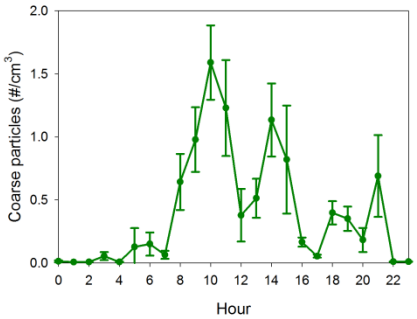


55% dei dati

> 2000 m

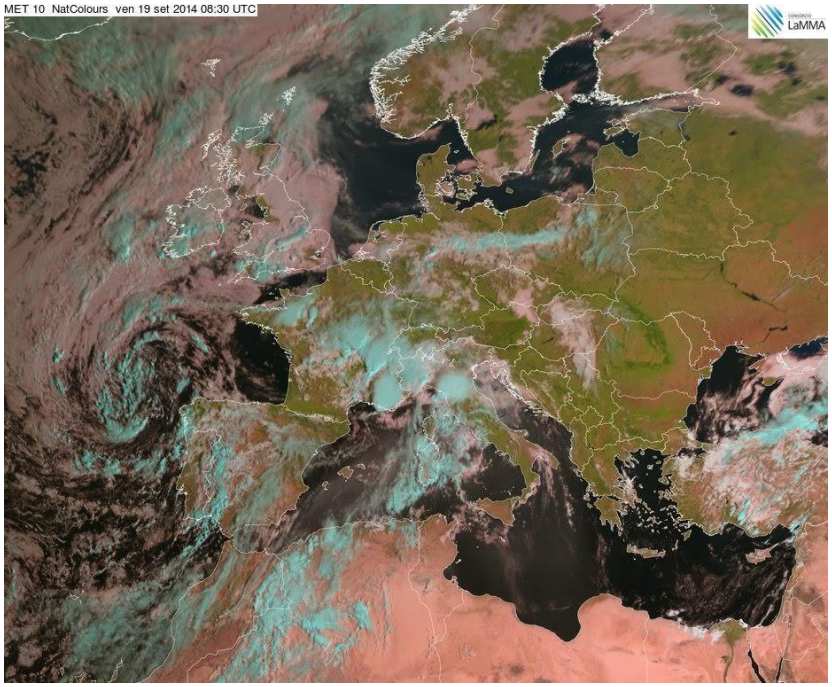




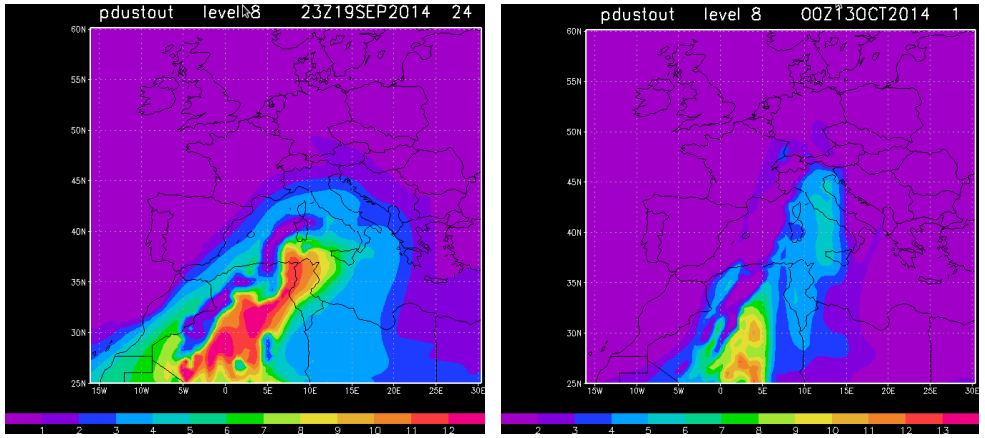


40% dei dati

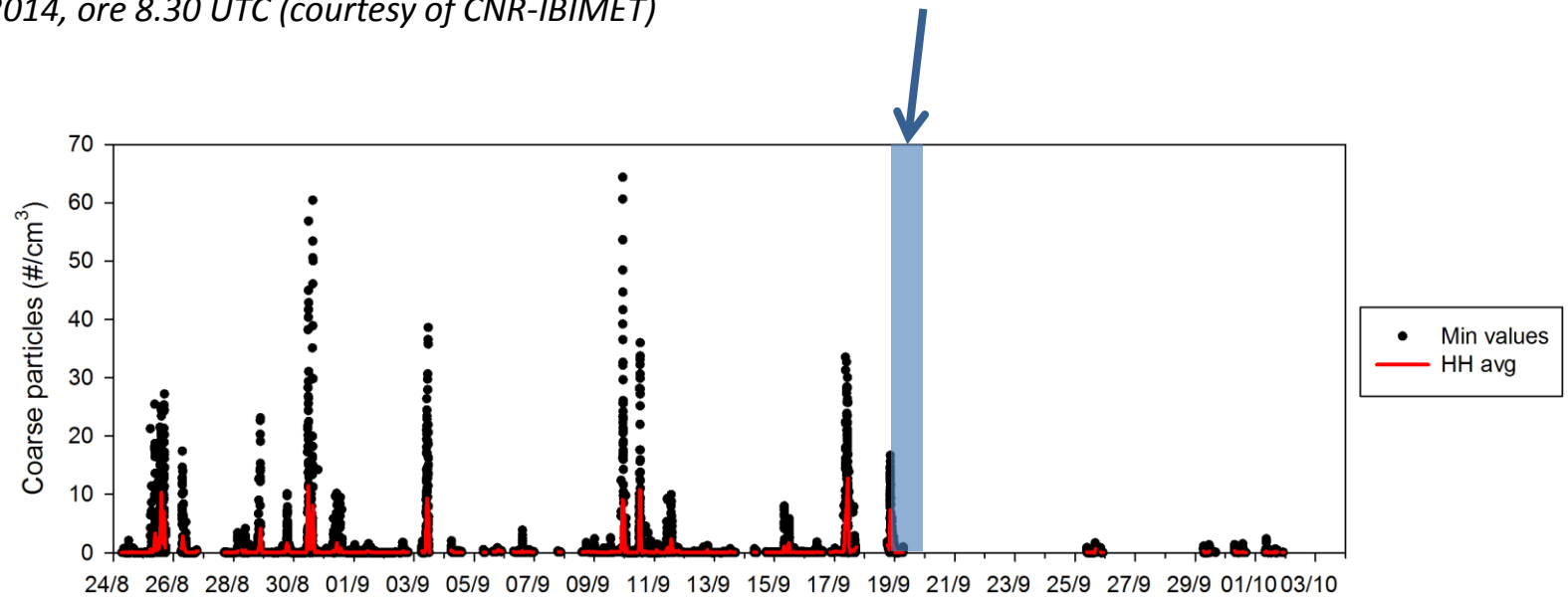
Episodi di trasporto di *dust*



19 Settembre 2014, ore 8.30 UTC (courtesy of CNR-IBIMET)

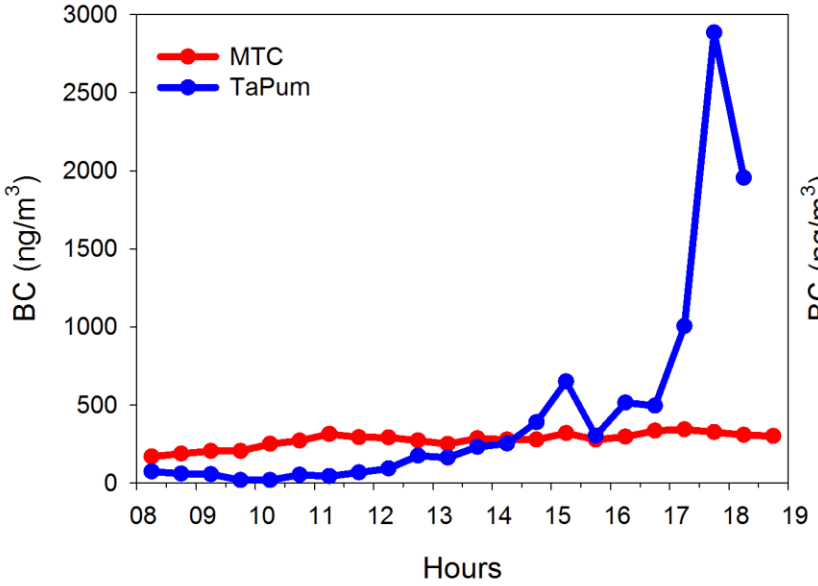


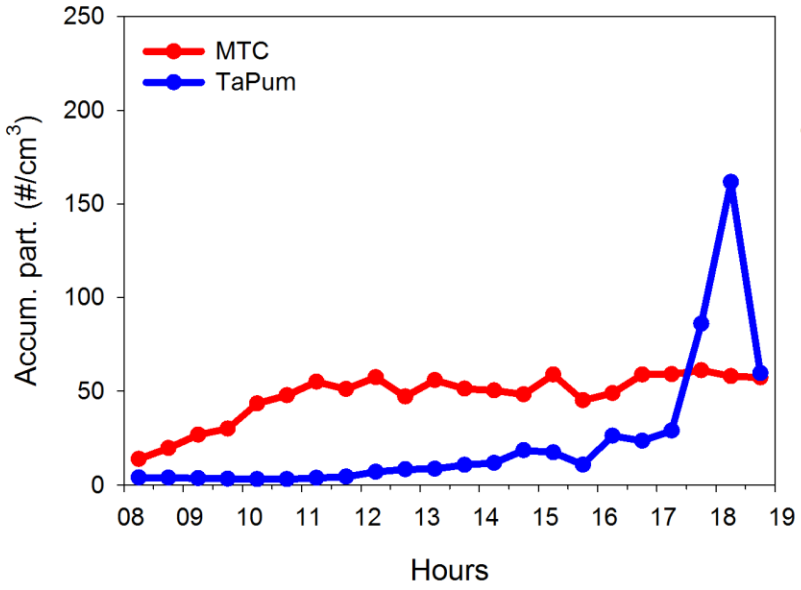
Simulazioni realizzate dal CNR-ISAC con la catena modellistica WRF-CHIMERE del contenuto crostale degli aerosol per i giorni 19 settembre (sin) e 13 ottobre (dx) 2014.



Confronto casi studio di due situazioni differenti

Tappa Rif. Branca – Rif. Bonetta 29/08/2014





Tappa Rovereto – Rif. Zugna 08/09/2014