

Eco Meteo Electronic System & Services



EFFEVENTI S.r.L.
Stazione meteorologica su meda
Rapporto mensile Maggio 2007

EM.ES S.r.L
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Stazione meteorologica su Meda
Rapporto mensile
Maggio 2007

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Rev	Data	Descrizione	Elaborato	Verificato	Approvato	Approvazione cliente

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1 Relazione

1.1 Descrizione generale della stazione

La stazione meteorologica, posizionata al largo della costa di Termoli, consta della seguente strumentazione:

- Anemometro modello RM Young Wind Sentry Set
- Sensore temperatura dell'aria modello CSI107L con schermo antiradiazione solare a 6 piatti
- Sensore pressione barometrica modello Vaisala PTB101B
- Acquisitore dati modello CSI CR510.

La stazione è alimentata da una coppia di pannelli solari per complessivi 50W unitamente a due batterie Dryfit per complessivi 80Ah. La stazione è installata su una meda modello Floatex posizionata su un fondale di circa 20 metri.

1.2 Modalità di campionamento dei dati

La stazione è programmata per eseguire automaticamente le seguenti misure:

- Velocità del vento
- Direzione del vento
- Standard deviation
- Temperatura dell'aria
- Pressione atmosferica
- Temperatura interna del contenitore apparati
- Valore di carica delle batterie.

L'acquisitore dati CR510 acquisisce le misure istantanee con cadenza 10s allocandole in memoria all'interno di una matrice bidimensionale. I parametri acquisiti subiscono un primo processo di validazione atto a verificare la bontà del dato acquisito mediante un algoritmo sviluppato da EM.ES S.r.L. al termine di ogni ora i dati nella matrice vengono elaborati al fine di ottenere le uscite orarie sopra descritte. I parametri quindi vengono memorizzati in una memoria ciclica in formato ASCII comma delineated. I dati così memorizzati vengono recuperati dal CED EM.ES S.r.L. con cadenza giornaliera alle ore 08.30 e memorizzati in files mensili denominati MESE_ANNO.DAT dopo aver subito un secondo processo di validazione finalizzato ad individuare eventuali incongruenze o eventuali malfunzionamenti strumentali.

1.3 Note relative al mese di Maggio 2007

Il giorno 4 maggio 2007 è stato ripristinato le funzionalità di acquisizione dati della stazione a seguito dell'avaria occorsa nel mese di gennaio 2007.

Il mese di maggio è stato caratterizzato da venti provenienti prevalentemente dai settori Nord e Ovest con velocità massima pari a 14.28m/s registrata il giorno 29 alle ore 08.00.

Dal punto di vista dei parametri acquisiti, con particolare riferimento all'andamento dei venti, nel mese in oggetto si è registrata una velocità media a 10 metri SLM di 4.58 con prevalenza dai settori Nord e Nord Ovest. Il tempo di calma vento è risultato essere pari al 4.4%

2 Tabelle giornaliere dei parametri misurati

MAGGIO 2007

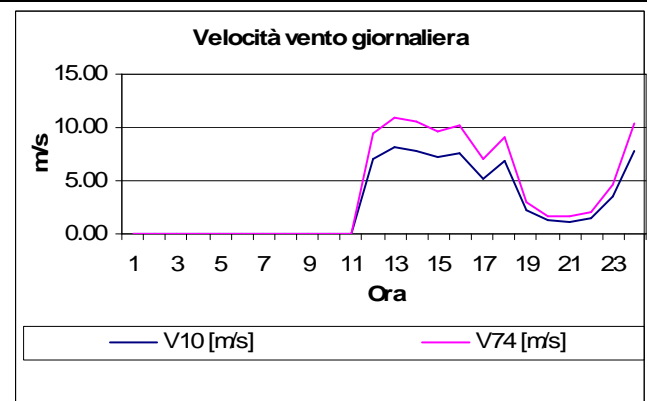
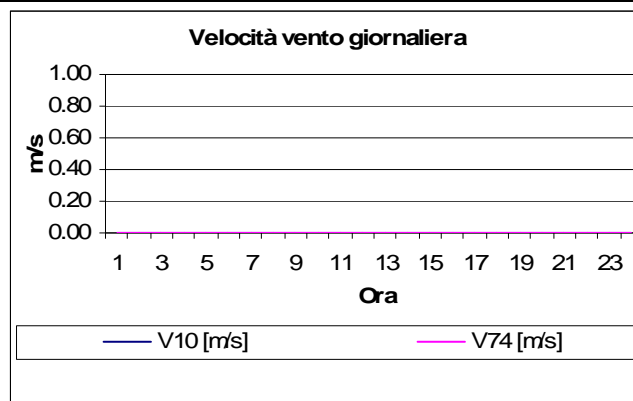
Elaborazioni - EM.ES S.r.L.

giorno 3

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1	0.00	0.00	0	0	0	0	0
2	0.00	0.00	0	0	0	0	0
3	0.00	0.00	0	0	0	0	0
4	0.00	0.00	0	0	0	0	0
5	0.00	0.00	0	0	0	0	0
6	0.00	0.00	0	0	0	0	0
7	0.00	0.00	0	0	0	0	0
8	0.00	0.00	0	0	0	0	0
9	0.00	0.00	0	0	0	0	0
10	0.00	0.00	0	0	0	0	0
11	0.00	0.00	0	0	0	0	0
12	0.00	0.00	0	0	0	0	0
13	0.00	0.00	0	0	0	0	0
14	0.00	0.00	0	0	0	0	0
15	0.00	0.00	0	0	0	0	0
16	0.00	0.00	0	0	0	0	0
17	0.00	0.00	0	0	0	0	0
18	0.00	0.00	0	0	0	0	0
19	0.00	0.00	0	0	0	0	0
20	0.00	0.00	0	0	0	0	0
21	0.00	0.00	0	0	0	0	0
22	0.00	0.00	0	0	0	0	0
23	0.00	0.00	0	0	0	0	0
24	0.00	0.00	0	0	0	0	0

giorno 4

V10	V74	Dv	SD	Ta	Pa	V alim
[m/s]	[m/s]	[gradi]	[gradi]	[°C]	[mbar]	[V]
0.00	0.00	0	0	0	0	0
0.00	0.00	0	0	0	0	0
0.00	0.00	0	0	0	0	0
0.00	0.00	0	0	0	0	0
0.00	0.00	0	0	0	0	0
0.00	0.00	0	0	0	0	0
0.00	0.00	0	0	0	0	0
0.00	0.00	0	0	0	0	0
0.00	0.00	0	0	0	0	0
0.00	0.00	0	0	0	0	0
0.00	0.00	0	0	0	0	0
7.03	9.40	133	3.197	19.23	1005.1	13.1
8.14	10.88	134.7	3.734	19.1	1003.8	12.13
7.86	10.51	147.1	3.81	20.28	1002.9	12.12
7.14	9.55	143.9	4.939	20.17	1002.6	12.12
7.63	10.20	159.5	5.337	20.35	1002.1	12.13
5.20	6.95	347.7	17.74	20.34	1002.5	12.13
6.79	9.08	350.8	6.193	19.03	1003.1	12.12
2.21	2.95	352.6	49.63	19.1	1004	12.12
1.30	1.74	339.9	39.3	19.07	1004.6	12.12
1.20	1.60	0.721	40.96	19.34	1004.9	12.12
1.56	2.08	54.96	26.26	18.74	1005.1	12.12
3.52	4.71	284.4	32.38	19.36	1005.3	12.11
7.7	10.3	290	4.7	9.4	1029.6	11



MAGGIO 2007

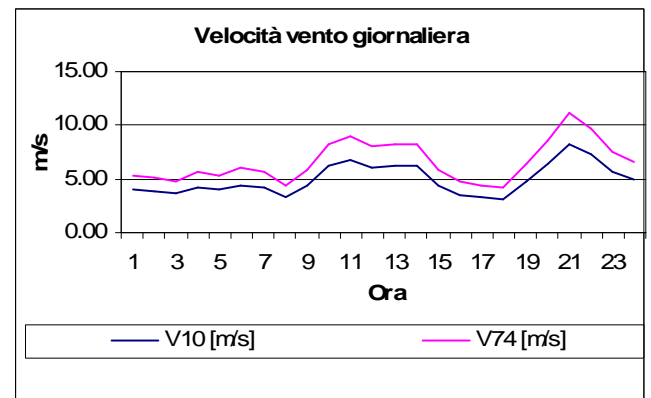
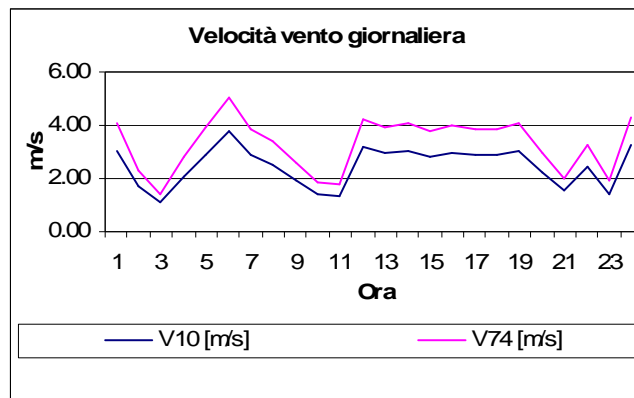
Elaborazioni - EM.ES S.r.L.

giorno 5

ora	V10	V74	Dv	SD	Ta	Pa	V alim
[h]	[m/s]	[m/s]	[gradi]	[gradi]	[°C]	[mbar]	[V]
1	3.06	4.09	10.16	13.79	18.49	1005.4	12.11
2	1.73	2.32	24.92	19.65	18.25	1005	12.11
3	1.08	1.44	17	40.06	18.27	1005.2	12.11
4	2.09	2.79	306.4	10.19	17.65	1005.4	12.11
5	2.91	3.90	272.3	10.65	17.07	1005	12.11
6	3.74	5.00	282.5	10.72	16.93	1005.1	12.1
7	2.88	3.85	283.2	14.69	16.93	1005.2	12.1
8	2.54	3.40	275	8.17	17.44	1005.1	12.1
9	1.95	2.61	295.6	9.05	17.89	1005	12.1
10	1.40	1.88	327.3	22.77	18.57	1005.3	12.1
11	1.36	1.81	93.7	14.18	18.7	1005.7	12.1
12	3.17	4.24	74.8	9.71	18.38	1005.2	12.11
13	2.93	3.91	47.85	9.28	18.25	1005.4	12.11
14	3.07	4.10	27.24	8.59	17.95	1005.9	12.11
15	2.82	3.77	63.29	8.06	18.11	1005.3	12.11
16	2.98	3.99	122.5	6.443	18.21	1005.2	12.11
17	2.88	3.84	139.2	7.06	18.36	1005.2	12.11
18	2.89	3.87	174.4	7.12	18.48	1005.4	12.11
19	3.07	4.11	173.2	5.587	18.37	1005.8	12.1
20	2.24	2.99	165	10.86	18.21	1006.3	12.1
21	1.52	2.03	169.8	7.76	18.27	1006.6	12.1
22	2.44	3.27	146.6	6.705	18.26	1006.7	12.1
23	1.43	1.91	211.5	17.62	18.09	1006.8	12.1
24	3.23	4.32	295.5	5.571	16.76	1007	12.1

giorno 6

V10	V74	Dv	SD	Ta	Pa	V alim
[m/s]	[m/s]	[gradi]	[gradi]	[°C]	[mbar]	[V]
3.99	5.33	306.5	6.147	16.67	1006.8	12.1
3.85	5.15	309.6	6.334	16.84	1006.4	12.09
3.60	4.82	279.8	6.393	16.04	1006.7	12.09
4.23	5.65	292	4.66	16.1	1006.8	12.09
3.96	5.29	291.7	6.087	15.92	1006.7	12.09
4.45	5.95	292.5	5.174	16.04	1007	12.09
4.23	5.66	290.4	5.09	16.27	1007.3	12.09
3.32	4.44	311.2	7.57	17.05	1007.6	12.09
4.35	5.81	354.6	6.094	17.46	1007.8	12.09
6.22	8.32	6.861	4.66	17.64	1007.9	12.09
6.70	8.96	14.98	4.195	17.82	1008	12.09
5.96	7.96	23.5	5.362	17.9	1008	12.09
6.15	8.22	46.43	4.834	17.95	1008	12.09
6.15	8.22	61.8	4.901	18	1008	12.09
4.39	5.87	58.15	6.675	18.1	1007.9	12.1
3.56	4.76	53.04	8.29	18.26	1007.7	12.1
3.28	4.38	59.88	8.02	18.2	1007.9	12.1
3.09	4.13	32.35	7.75	18.13	1008.2	12.1
4.79	6.41	12.69	6.021	18.24	1008.8	12.1
6.43	8.60	6.099	4.916	18.28	1009.6	12.09
8.29	11.08	358.6	5.623	17.35	1010.5	12.09
7.25	9.69	350.6	6.247	17.34	1010.9	12.09
5.63	7.53	328.7	5.54	17.15	1011.1	12.08
4.88	6.53	292.7	6.384	16.71	1011.1	12.08



MAGGIO 2007

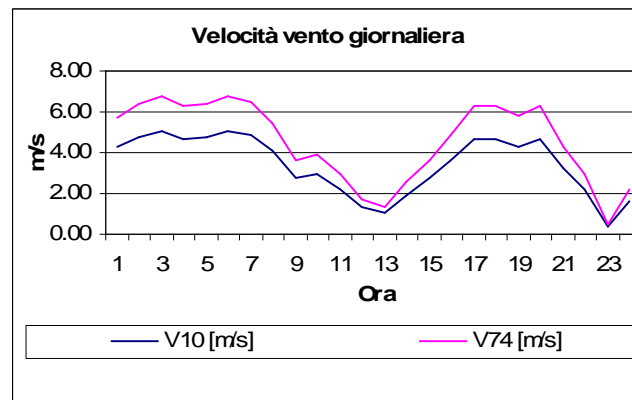
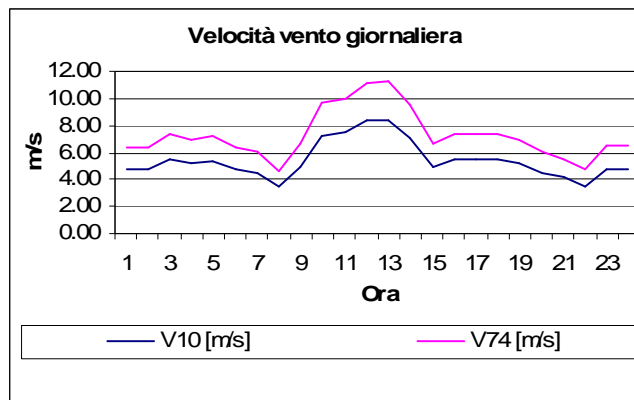
Elaborazioni - EM.ES S.r.L.

giorno 7

ora	V10	V74	Dv	SD	Ta	Pa	V alim
[h]	[m/s]	[m/s]	[gradi]	[gradi]	[°C]	[mbar]	[V]
1	4.79	6.41	286.4	4.741	16.46	1011	12.08
2	4.75	6.35	292.1	5.812	16.11	1010.7	12.08
3	5.47	7.31	278	4.212	15.8	1010.6	12.08
4	5.14	6.87	282.2	4.392	15.92	1010.7	12.08
5	5.40	7.22	283.8	4.088	15.43	1011.2	12.08
6	4.79	6.41	288.7	4.614	15.64	1011.7	12.08
7	4.51	6.03	298.7	5.794	16.03	1012.1	12.07
8	3.50	4.68	316.6	6.412	16.86	1012.3	12.07
9	4.97	6.64	352	8.39	17.85	1012.4	12.07
10	7.24	9.68	9.01	4.048	18.17	1012.6	12.08
11	7.51	10.04	13.17	4.122	18.28	1012.8	12.08
12	8.35	11.16	17.77	4.109	18.39	1012.9	12.08
13	8.39	11.22	19.54	4.026	18.45	1012.8	12.08
14	7.10	9.49	28.88	5.096	18.73	1012.9	12.08
15	4.94	6.60	37.15	4.665	19.03	1012.7	12.09
16	5.55	7.42	23.82	4.535	19.11	1012.6	12.09
17	5.57	7.44	8.33	4.262	19.28	1012.9	12.09
18	5.51	7.37	0.091	4.178	19.31	1012.7	12.09
19	5.19	6.94	348.4	3.569	19.29	1012.8	12.09
20	4.51	6.03	353.4	3.681	19.3	1013.3	12.09
21	4.16	5.56	355.1	4.828	19.09	1013.9	12.09
22	3.54	4.73	303.7	6.953	18.17	1014.1	12.08
23	4.83	6.45	319.2	5.28	17.96	1014.1	12.08
24	4.84	6.47	317.4	8.67	17.96	1014.2	12.08

giorno 8

V10	V74	Dv	SD	Ta	Pa	V alim
[m/s]	[m/s]	[gradi]	[gradi]	[°C]	[mbar]	[V]
4.25	5.68	297.8	4.888	17.12	1014.1	12.08
4.80	6.42	291	3.857	17.07	1013.9	12.07
5.02	6.72	290.8	4.173	16.82	1013.8	12.07
4.71	6.30	297.2	4.513	17.28	1014	12.07
4.80	6.42	287.6	5.758	17.37	1014	12.07
5.06	6.76	279.9	4.026	16.74	1014.3	12.07
4.81	6.43	282	4.166	17.49	1014.5	12.07
4.05	5.42	300.4	3.81	18.69	1014.7	12.07
2.72	3.63	318.6	6.106	19.66	1014.9	12.07
2.94	3.93	355.5	5.354	20.41	1015.1	12.07
2.22	2.96	5.672	5.628	20.44	1015.5	12.07
1.30	1.74	1.763	6.874	20.96	1015.5	12.07
1.01	1.35	52.37	10.96	21.77	1015.2	12.08
1.93	2.58	101.4	10.51	21.85	1014.8	12.08
2.72	3.63	130.8	5.847	21.3	1014.1	12.09
3.62	4.83	148.4	4.304	21.07	1013.8	12.09
4.69	6.27	161.1	4.125	20.78	1013.8	12.1
4.68	6.26	167.1	4.188	20.56	1013.6	12.09
4.33	5.79	184.5	3.885	20.21	1013.8	12.09
4.68	6.26	185.1	3.778	20.09	1014	12.09
3.22	4.31	198.7	4.824	20.26	1014.1	12.08
2.18	2.92	226.3	10.49	20.41	1014	12.08
0.37	0.49	235.7	30.92	20.1	1013.9	12.08
1.65	2.21	234.1	22.23	20.17	1013.6	12.07



MAGGIO 2007

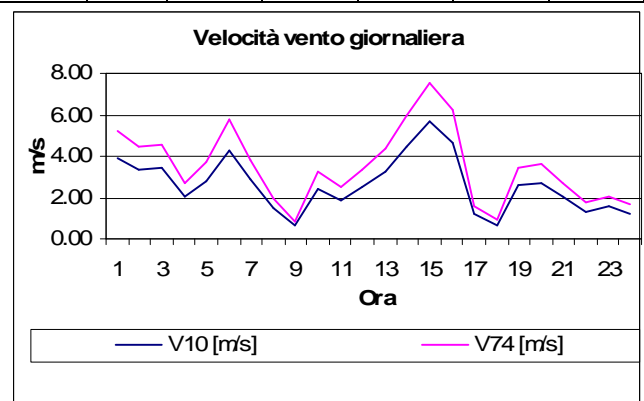
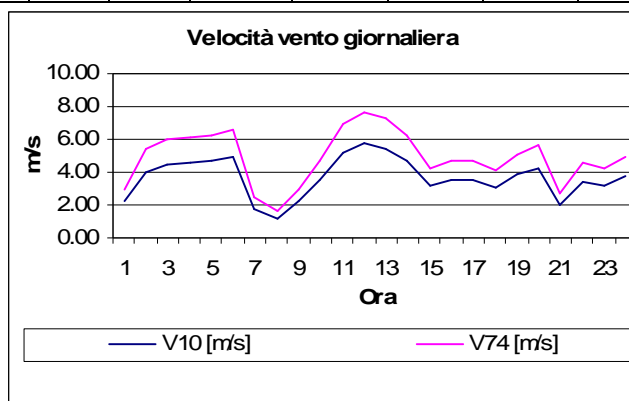
Elaborazioni - EM.ES S.r.L.

giorno 9

ora	V10	V74	Dv	SD	Ta	Pa	V alim
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1	2.22	2.96	270	12.21	20.02	1013.5	12.07
2	4.02	5.38	277.1	5.622	19.73	1013.5	12.07
3	4.49	6.01	272.4	3.436	19.3	1013.4	12.07
4	4.62	6.18	266.8	3.494	18.87	1013.1	12.07
5	4.68	6.26	281.1	4.395	18.85	1012.9	12.06
6	4.93	6.59	281.5	4.32	19.05	1013.2	12.06
7	1.82	2.44	251.7	13.23	19.92	1013.6	12.06
8	1.19	1.59	105.1	31.67	20.44	1013.7	12.06
9	2.20	2.94	133.2	4.139	19.86	1013.6	12.06
10	3.51	4.70	125.9	3.508	20.42	1013.4	12.06
11	5.18	6.92	117.9	2.828	20.52	1013.4	12.06
12	5.73	7.66	117.3	2.972	20.92	1013.3	12.07
13	5.43	7.26	122.9	3.258	20.87	1013.1	12.07
14	4.66	6.23	123.9	4.236	20.75	1013.1	12.07
15	3.20	4.28	155.8	11.58	21.39	1012.7	12.07
16	3.50	4.68	177.6	7.84	21.31	1012.1	12.08
17	3.54	4.73	170	5.38	20.98	1012.2	12.08
18	3.09	4.13	170.9	5.078	20.8	1012	12.08
19	3.83	5.12	128.4	4.863	20.45	1012.1	12.08
20	4.21	5.62	146.4	18.39	20.43	1012.3	12.07
21	2.04	2.72	272.5	16.63	20.22	1012.8	12.07
22	3.46	4.63	324.1	5.732	19.88	1013.2	12.07
23	3.14	4.19	306.6	10.86	19.91	1013.4	12.06
24	3.71	4.96	350.7	4.035	19.96	1013.6	12.06

giorno 10

V10	V74	Dv	SD	Ta	Pa	V alim
[m/s]	[m/s]	[gradi]	[gradi]	[°C]	[mbar]	[V]
3.88	5.19	358.3	4.284	19.79	1013.7	12.06
3.31	4.42	355.9	4.539	19.55	1013.8	12.06
3.40	4.55	359.7	4.462	19.53	1013.9	12.05
2.04	2.73	331.8	7.83	19.45	1014	12.05
2.80	3.75	304.1	8.3	19.16	1014.3	12.05
4.30	5.75	288	4.57	18.54	1014.4	12.05
2.88	3.84	278.8	3.901	18.92	1014.9	12.05
1.44	1.93	282.3	4.361	19.88	1015.3	12.05
0.62	0.82	65.16	12.38	21.02	1015.5	12.05
2.42	3.24	67.88	5.92	20.08	1015.9	12.05
1.85	2.47	91.4	4.955	19.99	1015.9	12.05
2.51	3.35	99.4	4.429	20.27	1015.4	12.05
3.25	4.35	110	3.41	20.3	1015	12.06
4.44	5.94	110	2.676	20.65	1014.7	12.06
5.65	7.56	109.9	2.905	21.01	1014.3	12.06
4.63	6.19	116.9	18.79	21.19	1014.1	12.07
1.20	1.60	211	15.39	21.54	1014.2	12.07
0.68	0.90	324.4	16.97	21.91	1014.1	12.07
2.57	3.44	353.3	3.676	21.01	1014.3	12.07
2.70	3.61	20.07	5.253	20.67	1014.6	12.07
2.04	2.73	54.88	3.066	20.55	1015	12.06
1.32	1.76	289.8	15.89	20.13	1015.2	12.06
1.55	2.08	265.3	5.406	19.95	1015	12.05
1.23	1.65	257.5	6.389	19.71	1014.7	12.05

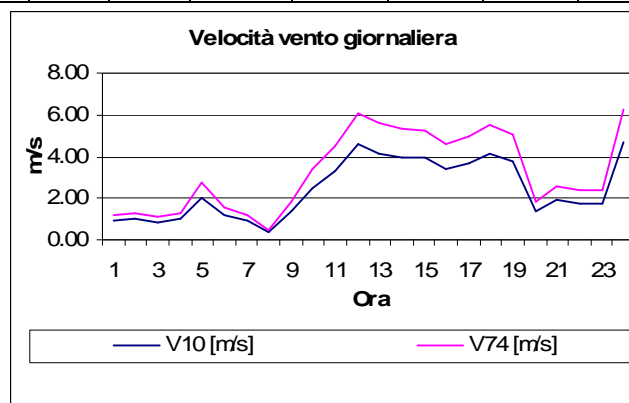


MAGGIO 2007

Elaborazioni - EM.ES S.r.L.

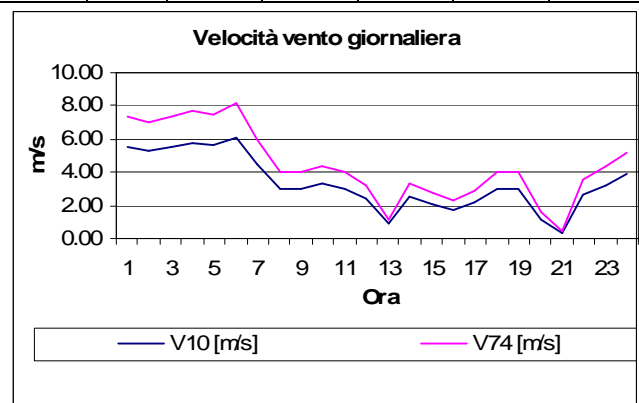
giorno 11

ora	V10	V74	Dv	SD	Ta	Pa	V alim
[h]	[m/s]	[m/s]	[gradi]	[gradi]	[°C]	[mbar]	[V]
1	0.88	1.17	280.4	9.02	19.5	1014.3	12.05
2	0.97	1.30	296.6	12.46	19.6	1013.9	12.05
3	0.81	1.09	279.7	12.52	19.59	1013.6	12.04
4	0.99	1.32	285.7	11.99	19.48	1013.3	12.04
5	2.05	2.74	280	11.75	19.36	1013.1	12.04
6	1.19	1.59	260.1	17.05	19.85	1013.2	12.04
7	0.90	1.20	283.5	19.52	20.16	1013.5	12.04
8	0.37	0.49	151.4	12.91	21.82	1013.6	12.04
9	1.37	1.84	148.1	5.642	20.98	1013.5	12.04
10	2.52	3.36	91.4	4.46	20.92	1013.3	12.04
11	3.34	4.46	84.4	3.289	20.99	1013.2	12.04
12	4.57	6.11	61.69	4.471	21.05	1013	12.04
13	4.18	5.58	54.83	4.44	21.3	1012.7	12.04
14	3.99	5.33	50.83	4.485	21.68	1012.4	12.05
15	3.95	5.28	34.6	3.848	21.86	1012.2	12.05
16	3.41	4.56	37.09	4.26	22.09	1011.8	12.06
17	3.69	4.93	38.82	4.388	22.01	1011.5	12.06
18	4.14	5.54	50.52	3.707	22.04	1011.4	12.06
19	3.77	5.03	60.57	4.857	21.54	1011.5	12.05
20	1.37	1.83	336.2	11.71	21.06	1011.9	12.05
21	1.90	2.54	278.3	5.195	20.88	1012.5	12.05
22	1.79	2.39	268.2	6.009	20.74	1012.7	12.04
23	1.79	2.39	265.9	10.41	20.73	1012.4	12.04
24	4.71	6.29	281	3.603	21.44	1012.2	12.04



giorno 12

V10	V74	Dv	SD	Ta	Pa	V alim
[m/s]	[m/s]	[gradi]	[gradi]	[°C]	[mbar]	[V]
5.47	7.31	276.4	4.099	21.39	1011.5	12.03
5.25	7.01	266.6	4.124	21.07	1011.2	12.03
5.47	7.31	270.6	4.789	20.86	1011.2	12.03
5.79	7.75	269.8	3.603	20.91	1011.2	12.03
5.59	7.47	275.1	3.327	20.63	1011.4	12.03
6.13	8.19	275.3	3.922	20.64	1011.6	12.03
4.46	5.96	270.9	4.502	21.41	1011.9	12.03
3.04	4.06	141.9	10.4	21.63	1012	12.03
3.00	4.01	114.5	7.28	21.1	1012.4	12.03
3.30	4.42	94.4	4.509	20.95	1012.9	12.03
3.04	4.06	81.3	5.261	21.16	1013.2	12.03
2.42	3.23	82.8	8.19	21.87	1013.2	12.03
0.89	1.19	155.6	10.86	22.14	1012.8	12.03
2.48	3.32	145.2	5.122	21.96	1012.5	12.04
2.10	2.81	140.5	5.386	22.11	1012.4	12.04
1.76	2.35	129.5	5.141	22.3	1012.3	12.05
2.17	2.90	106.1	8.06	22.45	1012.4	12.05
3.01	4.02	80	5.598	22.29	1012.7	12.05
2.98	3.99	58.27	6.066	22.01	1013.1	12.05
1.19	1.59	72	6.806	21.74	1013.6	12.05
0.34	0.45	151.4	8.68	21.38	1014.3	12.04
2.67	3.56	297.6	5.925	21.25	1014.5	12.04
3.24	4.33	285.1	4.493	20.76	1014.6	12.03
3.86	5.16	284.7	4.204	20.35	1014.6	12.03



MAGGIO 2007

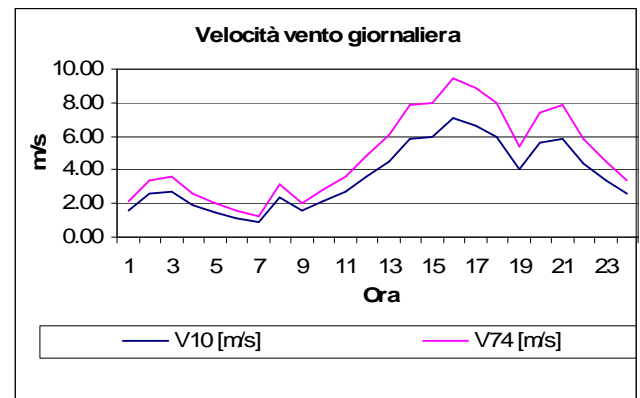
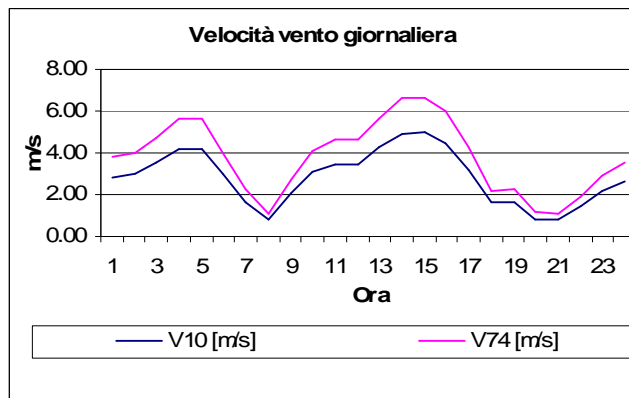
Elaborazioni - EM.ES S.r.L.

giorno 13

ora	V10	V74	Dv	SD	Ta	Pa	V alim
[h]	[m/s]	[m/s]	[gradi]	[gradi]	[°C]	[mbar]	[V]
1	2.86	3.83	293.4	4.146	20.49	1014.6	12.03
2	3.03	4.04	285.7	5.07	20.24	1014.4	12.02
3	3.56	4.76	281.5	3.998	19.91	1014.3	12.02
4	4.19	5.61	286.1	4.396	19.76	1014.4	12.02
5	4.19	5.59	287.1	3.885	19.73	1014.7	12.02
6	2.96	3.96	271.8	4.517	19.71	1015.1	12.01
7	1.68	2.24	269.2	12.45	20.46	1015.3	12.01
8	0.81	1.08	315.1	14.45	21.23	1015.5	12.02
9	2.05	2.74	102.4	5.399	21.11	1015.6	12.02
10	3.07	4.11	115.9	3.093	21.29	1015.7	12.02
11	3.44	4.59	116.4	3.037	21.55	1015.7	12.02
12	3.49	4.66	131.3	2.579	21.87	1015.4	12.02
13	4.24	5.67	119.1	2.668	22.1	1014.9	12.02
14	4.93	6.60	122.4	3.414	22.23	1014.7	12.02
15	4.99	6.67	139.7	3.569	22.24	1014.4	12.03
16	4.46	5.96	146.8	4.069	22.29	1014.3	12.04
17	3.19	4.27	160.1	4.715	22.45	1014.3	12.04
18	1.63	2.18	184.5	8.19	22.66	1014.3	12.04
19	1.67	2.23	184.4	16.4	22.25	1014.6	12.04
20	0.85	1.14	162.8	9.21	21.99	1014.8	12.03
21	0.84	1.12	94.7	13.46	21.71	1015.5	12.03
22	1.41	1.89	116.6	6.522	21.7	1015.6	12.02
23	2.19	2.92	166.1	12.61	21.66	1015.5	12.02
24	2.66	3.55	277.5	3.977	21	1015.4	12.02

giorno 14

V10	V74	Dv	SD	Ta	Pa	V alim
[m/s]	[m/s]	[gradi]	[gradi]	[°C]	[mbar]	[V]
1.59	2.12	291	9.7	20.88	1015.1	12.01
2.53	3.38	287.1	4.703	20.64	1014.8	12.01
2.66	3.56	278.6	3.942	20.44	1014.4	12.01
1.90	2.54	264.1	8.57	20.39	1014.3	12.01
1.48	1.98	273.3	14.63	20.48	1014.4	12.01
1.15	1.53	281.6	7.05	20.84	1014.6	12.01
0.91	1.22	125.3	19.11	21.78	1015	12
2.34	3.13	136.3	5.564	21.18	1015.1	12
1.54	2.06	109.9	5.11	21.48	1015.1	12
2.08	2.79	111.7	6.729	21.86	1014.8	12.01
2.73	3.64	107.2	4.376	22.18	1014.5	12.01
3.57	4.78	119.2	3.993	22.47	1014	12.01
4.51	6.03	126.1	3.898	22.68	1013.2	12.01
5.88	7.87	136.6	3.453	22.93	1012.5	12.01
6.00	8.02	143.9	3.86	22.95	1011.8	12.02
7.06	9.44	145.8	3.445	23	1011.1	12.02
6.65	8.89	155.7	3.727	23.11	1010.7	12.02
5.96	7.97	167	5.155	23.57	1010.4	12.02
4.03	5.39	199.4	10.41	25.31	1010.5	12.02
5.57	7.44	201.1	7.19	25.48	1010.7	12.02
5.87	7.84	207.1	3.164	24.56	1010.9	12.02
4.39	5.87	210.9	5.327	23.93	1010.9	12.01
3.36	4.49	230.3	9.56	23.74	1010.8	12.01
2.54	3.39	262.8	9.21	23.13	1010.6	12.01



MAGGIO 2007

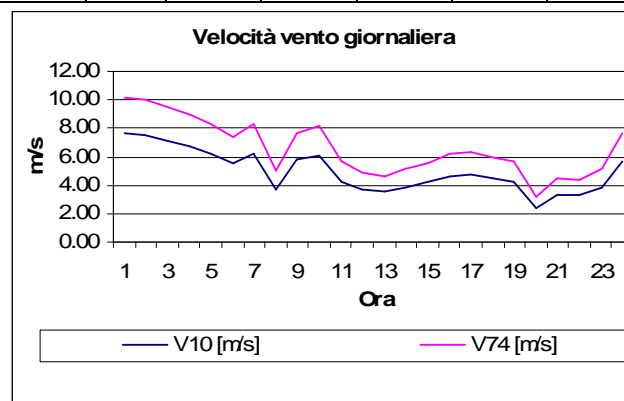
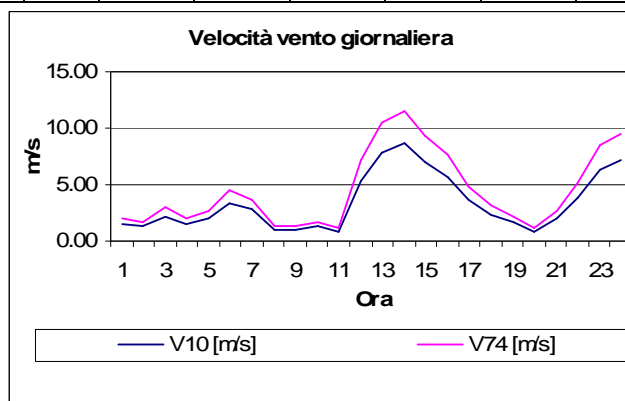
Elaborazioni - EM.ES S.r.L.

giorno 15

giorno 16

ora	V10	V74	Dv	SD	Ta	Pa	V alim
[h]	[m/s]	[m/s]	[gradi]	[gradi]	[°C]	[mbar]	[V]
1	1.49	1.99	211.5	21.03	23.03	1010.3	12.01
2	1.30	1.73	249.4	17.32	22.84	1009.9	12
3	2.22	2.97	328.2	11.97	21.56	1009.5	12
4	1.45	1.94	264.3	10.46	21.03	1009.1	12
5	2.01	2.69	253.9	6.893	21.21	1009	12
6	3.34	4.46	230.9	7.54	22.25	1009.1	12
7	2.80	3.74	225.9	8.21	23	1009.1	12
8	1.01	1.35	193.6	10.34	23.63	1009	11.99
9	1.03	1.38	101.6	10.64	23.56	1009	11.99
10	1.30	1.73	52.4	21.58	23.36	1008.9	12
11	0.91	1.22	118.9	34.04	23.36	1009.1	12
12	5.32	7.11	280.1	14.58	25.36	1009.2	12
13	7.90	10.56	5.706	4.505	22.51	1009.3	12
14	8.64	11.55	31.6	5.178	22.06	1009.6	12
15	7.00	9.36	38.53	4.575	21.93	1009.9	12
16	5.73	7.66	46.67	4.809	22.2	1010	12.01
17	3.65	4.88	50.7	6.432	22.47	1010	12.01
18	2.39	3.19	56.58	8.7	22.53	1010.1	12.01
19	1.63	2.18	43.71	10.51	22.17	1010.5	12
20	0.84	1.12	351.1	21.49	21.73	1011	12
21	2.03	2.71	287.4	15.03	21.53	1011.6	12
22	3.89	5.20	283.4	7.47	20.65	1012.1	12
23	6.33	8.47	280.7	5.186	20.04	1012	11.99
24	7.13	9.53	280.8	4.187	19.41	1012	11.99

V10	V74	Dv	SD	Ta	Pa	V alim
[m/s]	[m/s]	[gradi]	[gradi]	[°C]	[mbar]	[V]
7.59	10.15	280.6	4.341	18.88	1012	11.99
7.49	10.01	275.3	5.157	18.7	1011.9	11.98
7.08	9.47	281.2	7.02	18.53	1011.8	11.98
6.70	8.96	286.3	5.257	18.26	1011.8	11.98
6.25	8.35	283.7	4.614	18.17	1012	11.98
5.52	7.38	281	4.481	18.02	1012.3	11.98
6.24	8.34	278.5	4.043	18.14	1012.7	11.98
3.75	5.02	292.2	15.18	19.27	1012.9	11.97
5.76	7.70	48.58	12.27	20.02	1013.1	11.97
6.13	8.19	34.62	5.666	19.85	1013	11.98
4.21	5.63	27.57	7.92	19.8	1013.3	11.98
3.66	4.89	52.38	9.22	19.91	1013.1	11.98
3.50	4.67	61.77	7.23	20.04	1012.9	11.98
3.84	5.13	71.8	8.79	19.96	1012.5	11.98
4.19	5.60	85.4	8.6	19.95	1012.1	11.98
4.64	6.21	74.1	6.688	20.02	1011.7	11.99
4.76	6.37	72.4	6.002	20.01	1011.5	11.99
4.48	5.99	55.72	7.88	19.86	1011.4	11.99
4.26	5.69	44.33	7.31	19.55	1011.6	11.99
2.33	3.11	31.31	10.32	19.51	1011.7	11.98
3.33	4.45	346.2	9.7	19.26	1012	11.98
3.30	4.41	327.7	8.9	19.23	1012.1	11.98
3.84	5.13	352.6	7.41	19.39	1011.8	11.98
5.69	7.61	350.8	7.45	19.03	1011.8	11.97



MAGGIO 2007

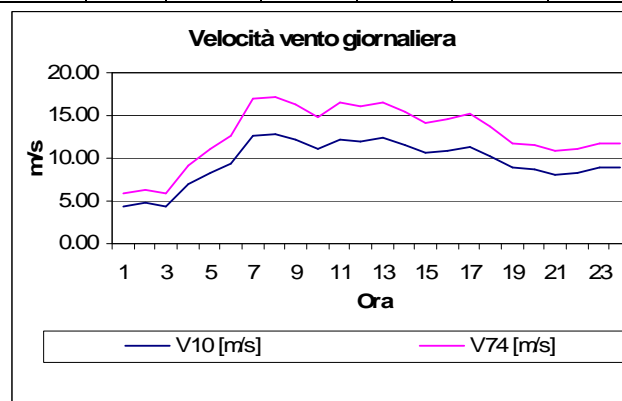
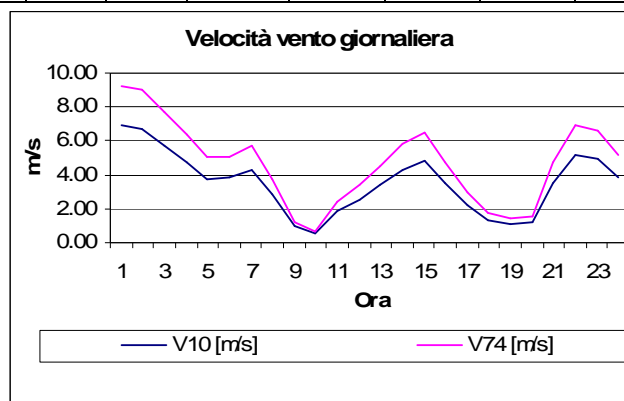
Elaborazioni - EM.ES S.r.L.

giorno 17

ora	V10	V74	Dv	SD	Ta	Pa	V alim
[h]	[m/s]	[m/s]	[gradi]	[gradi]	[°C]	[mbar]	[V]
1	6.92	9.26	354	5.172	18.42	1011.4	11.97
2	6.75	9.02	350.4	6.153	18	1010.8	11.97
3	5.77	7.71	342.6	6.138	17.73	1010.2	11.97
4	4.74	6.33	301.5	11.31	17.55	1009.9	11.97
5	3.75	5.01	284.2	7.96	17.51	1009.6	11.96
6	3.81	5.09	289	6.79	17.25	1009.5	11.96
7	4.31	5.76	278.2	5.553	17.4	1009.6	11.96
8	2.83	3.78	278.7	8.07	17.8	1009.7	11.96
9	0.94	1.26	309.1	19.22	18.36	1009.4	11.96
10	0.52	0.70	158.9	21.11	19.17	1009.1	11.96
11	1.84	2.45	112	13.93	18.64	1008.7	11.97
12	2.53	3.39	82.8	10.69	18.76	1008.3	11.97
13	3.40	4.55	99.6	7.75	18.99	1007.8	11.97
14	4.33	5.79	113.1	5.901	19.25	1007.3	11.97
15	4.82	6.45	125.6	5.727	19.4	1006.6	11.98
16	3.54	4.74	136.6	7.13	19.56	1005.9	11.98
17	2.25	3.01	142.8	9.95	19.67	1005.7	11.98
18	1.30	1.74	157.6	11.66	19.77	1005.6	11.98
19	1.06	1.41	224.6	12.77	19.76	1005.7	11.98
20	1.19	1.59	237.9	14.1	19.83	1005.6	11.98
21	3.56	4.76	280.2	7.58	19.6	1005.8	11.97
22	5.18	6.92	273.9	6.849	19.27	1005.8	11.97
23	4.96	6.64	274.3	5.039	18.96	1005.7	11.96
24	3.89	5.19	280.5	3.75	19.05	1005.7	11.96

giorno 18

V10	V74	Dv	SD	Ta	Pa	V alim
[m/s]	[m/s]	[gradi]	[gradi]	[°C]	[mbar]	[V]
4.42	5.91	282.8	4.963	18.88	1005.4	11.96
4.77	6.38	286.6	5.297	18.63	1005.2	11.96
4.39	5.86	309.7	8.28	18.85	1005.3	11.96
6.89	9.21	345.5	6.125	19.32	1005.3	11.96
8.30	11.10	343.4	4.771	18.77	1005.3	11.96
9.38	12.54	348.5	4.967	18.73	1005.6	11.95
12.71	16.99	12.69	7.53	18.04	1006.5	11.95
12.88	17.22	7.08	6.182	18.4	1007.2	11.95
12.22	16.34	9.39	10.14	17.98	1007.9	11.95
10.99	14.69	40.48	6.504	18.27	1008.5	11.95
12.28	16.42	48.23	6.32	18.02	1008.9	11.95
11.97	16.00	35.59	7.94	17.79	1009.4	11.95
12.39	16.56	34.19	6.755	17.63	1009.6	11.95
11.52	15.40	34.82	6.256	17.79	1010	11.95
10.61	14.18	27.41	6.956	17.9	1010.3	11.95
10.87	14.53	23.61	6.514	18.03	1010.7	11.95
11.34	15.16	29.36	6.295	18.26	1010.8	11.96
10.20	13.64	27.73	6.792	18.28	1011.1	11.95
8.81	11.78	19.6	7.57	18.16	1011.3	11.95
8.68	11.60	18.48	7.19	18.18	1011.5	11.95
8.06	10.78	18.48	7.67	18.23	1012.1	11.95
8.22	10.99	22.4	7.78	18.44	1012.5	11.95
8.83	11.80	22.67	6.584	18.62	1012.5	11.94
8.82	11.79	34.8	7.13	18.43	1012.5	11.94



MAGGIO 2007

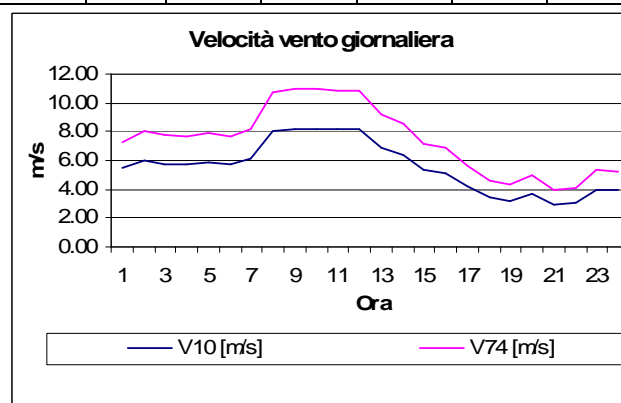
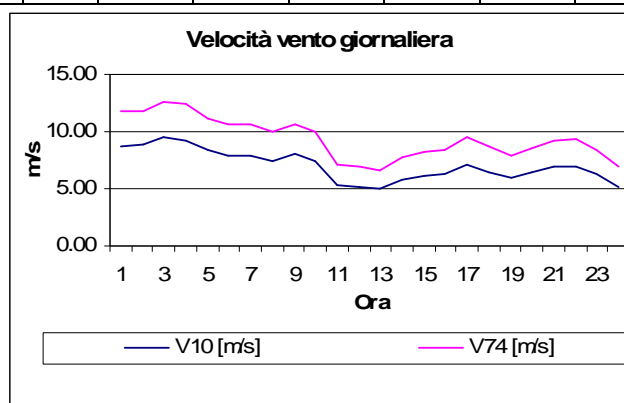
Elaborazioni - EM.ES S.r.L.

giorno 19

giorno 20

ora	V10	V74	Dv	SD	Ta	Pa	V alim
[h]	[m/s]	[m/s]	[gradi]	[gradi]	[°C]	[mbar]	[V]
1	8.79	11.75	42.9	6.667	18.23	1012.5	11.94
2	8.84	11.82	24.13	7.04	18.08	1012.3	11.94
3	9.45	12.63	345.2	7.08	17.25	1012.1	11.94
4	9.23	12.34	7.42	8.75	17.68	1012.2	11.94
5	8.32	11.12	14.29	9.57	17.76	1012.2	11.94
6	7.98	10.67	13.02	10.1	17.85	1012.3	11.94
7	7.92	10.59	13.68	9.22	17.76	1012.6	11.94
8	7.42	9.92	28.47	8.74	18.05	1013	11.94
9	7.99	10.68	12.46	6.195	17.64	1013.3	11.94
10	7.42	9.92	12.93	7.49	17.67	1013.3	11.94
11	5.32	7.11	34.84	10.47	17.83	1013.4	11.94
12	5.23	7.00	41.76	9.15	18.07	1013.4	11.94
13	4.96	6.63	30.37	9.65	18.14	1013.3	11.94
14	5.83	7.80	48.92	6.835	18.23	1013.2	11.94
15	6.18	8.26	32.63	7.02	18.4	1012.9	11.95
16	6.32	8.45	34.95	7.05	18.63	1012.6	11.95
17	7.12	9.52	27.38	6.218	18.78	1012.3	11.96
18	6.48	8.66	19.99	6.506	18.85	1012.3	11.95
19	5.91	7.90	7.45	8.15	18.68	1012.5	11.95
20	6.38	8.53	355.9	6.243	18.49	1012.6	11.95
21	6.87	9.18	354.9	8.22	18.65	1013	11.94
22	6.96	9.31	359.1	6.775	18.81	1013.3	11.94
23	6.22	8.31	321.8	8.47	17.88	1013.4	11.94
24	5.21	6.96	307	7.82	17.17	1013.3	11.94

V10	V74	Dv	SD	Ta	Pa	V alim
[m/s]	[m/s]	[gradi]	[gradi]	[°C]	[mbar]	[V]
5.43	7.25	305.3	5.44	16.71	1013.1	11.93
5.99	8.00	299.7	5.295	16.56	1012.8	11.93
5.79	7.74	295.3	5.188	16.36	1012.6	11.93
5.73	7.66	298.4	6.286	16.35	1012.2	11.93
5.89	7.87	312.9	6.992	16.96	1012	11.93
5.76	7.70	300.4	6.583	17.07	1012.3	11.92
6.08	8.13	323.2	7.63	17.89	1012.6	11.92
7.98	10.67	351.4	4.505	18.81	1012.7	11.92
8.18	10.94	3.073	4.821	18.93	1012.9	11.92
8.22	10.99	11.76	4.677	19.04	1013	11.93
8.15	10.90	22.85	4.431	18.95	1013.4	11.93
8.11	10.84	29.65	4.366	18.99	1013.7	11.93
6.91	9.23	31.03	4.095	19.02	1013.6	11.93
6.36	8.50	44.94	4.137	19.32	1013.6	11.93
5.36	7.16	45.08	4.89	19.58	1013.6	11.94
5.16	6.89	42.51	5.063	19.77	1013.7	11.94
4.20	5.62	33.68	5.185	19.87	1013.8	11.94
3.42	4.58	12.3	6.834	19.85	1013.7	11.94
3.25	4.34	359.6	6.074	19.75	1013.8	11.94
3.72	4.97	347.8	5.385	19.93	1013.8	11.94
2.99	4.00	353.4	5.084	20.08	1014.2	11.94
3.02	4.03	339.7	8.49	20.02	1014.3	11.93
3.99	5.34	283.5	4.977	18.94	1014.3	11.93
3.90	5.22	285.1	4.192	18.7	1014.8	11.93



MAGGIO 2007

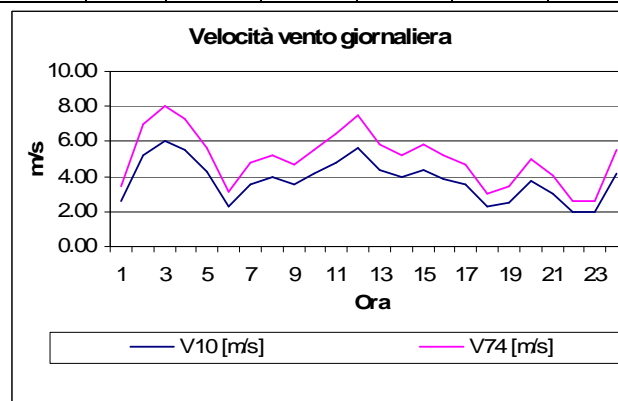
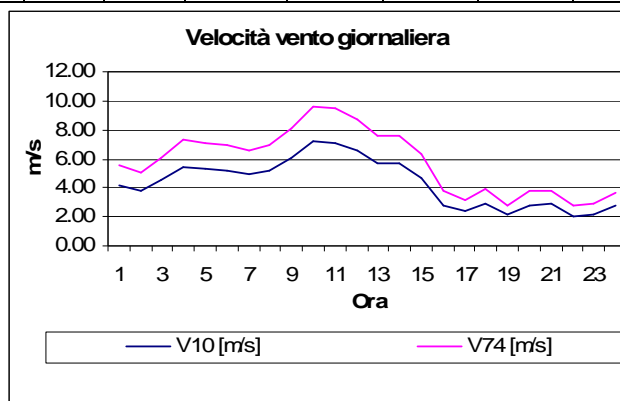
Elaborazioni - EM.ES S.r.L.

giorno 21

giorno 22

ora	V10	V74	Dv	SD	Ta	Pa	V alim
[h]	[m/s]	[m/s]	[gradi]	[gradi]	[°C]	[mbar]	[V]
1	4.12	5.51	292.2	4.146	18.51	1014.7	11.93
2	3.74	5.00	295.4	4.634	18.42	1014.4	11.92
3	4.56	6.10	299.9	4.573	18.49	1014.2	11.92
4	5.46	7.30	292.2	3.549	18.16	1013.9	11.92
5	5.27	7.05	285.4	3.518	17.53	1014.1	11.92
6	5.22	6.98	285.1	3.416	17.77	1014.6	11.92
7	4.88	6.52	300	3.945	18.8	1015.1	11.92
8	5.24	7.00	345.6	5.386	20.21	1015.5	11.92
9	6.08	8.12	358	3.914	20.52	1015.5	11.92
10	7.21	9.64	10.3	3.994	20.33	1015.2	11.92
11	7.12	9.52	20.98	3.755	20.18	1015.5	11.92
12	6.54	8.75	24.56	3.845	20.06	1015.4	11.92
13	5.66	7.57	28.9	3.857	19.88	1015.5	11.92
14	5.65	7.55	39.47	3.748	19.87	1015.4	11.92
15	4.68	6.25	41.49	3.927	20.05	1015.2	11.93
16	2.79	3.73	14.38	7.54	20.48	1014.8	11.93
17	2.40	3.21	5.261	7.82	20.8	1014.3	11.93
18	2.92	3.90	38.19	6.323	20.82	1014	11.93
19	2.11	2.81	25.6	6.668	20.38	1013.9	11.93
20	2.82	3.77	334.1	5.68	20.32	1013.8	11.93
21	2.87	3.84	320.3	6.536	20.44	1014.1	11.93
22	2.05	2.74	295.2	6.011	20.14	1014.4	11.92
23	2.17	2.90	287.2	4.833	19.8	1014.3	11.92
24	2.73	3.65	287	4.946	19.6	1014.2	11.92

V10	V74	Dv	SD	Ta	Pa	V alim
[m/s]	[m/s]	[gradi]	[gradi]	[°C]	[mbar]	[V]
2.59	3.47	285.4	4.78	19.64	1014	11.92
5.26	7.03	281.8	3.431	19.35	1013.6	11.92
6.00	8.01	283.2	3.003	19.59	1013.2	11.91
5.47	7.31	283.2	3.273	19.45	1013.1	11.91
4.23	5.66	280.7	4.726	19.22	1013.5	11.91
2.33	3.11	297.9	4.449	19.76	1013.8	11.91
3.58	4.78	299.3	3.137	20.18	1014	11.91
3.92	5.25	306.8	4.299	20.73	1013.9	11.91
3.51	4.69	7.74	6.028	21.33	1014.1	11.91
4.15	5.55	17.37	3.602	21.19	1014.1	11.91
4.80	6.42	20.05	3.448	21.32	1014.1	11.91
5.60	7.49	8.85	3.535	21.4	1013.8	11.91
4.34	5.80	22.43	3.942	21.45	1013.7	11.91
3.92	5.24	11.46	4.726	21.54	1013.4	11.91
4.39	5.87	355.1	3.923	21.78	1012.8	11.92
3.88	5.18	351.3	4.136	21.95	1012.2	11.93
3.50	4.68	348.7	4.046	22.55	1011.9	11.93
2.27	3.03	336.8	6.141	22.97	1011.7	11.93
2.54	3.39	315.1	8.06	22.81	1011.4	11.93
3.74	4.99	347	3.167	23.44	1011.6	11.92
3.07	4.10	26.91	21.43	22.94	1011.9	11.92
1.98	2.65	3.226	32.26	22.31	1012.1	11.92
1.96	2.61	294.5	18.01	21.74	1012.2	11.91
4.12	5.50	288	5.679	21.25	1011.7	11.91



MAGGIO 2007

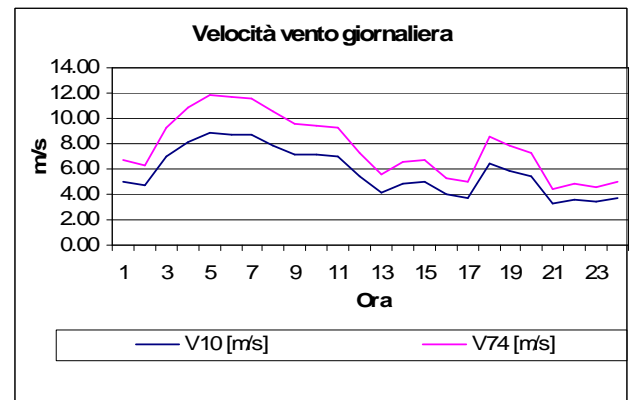
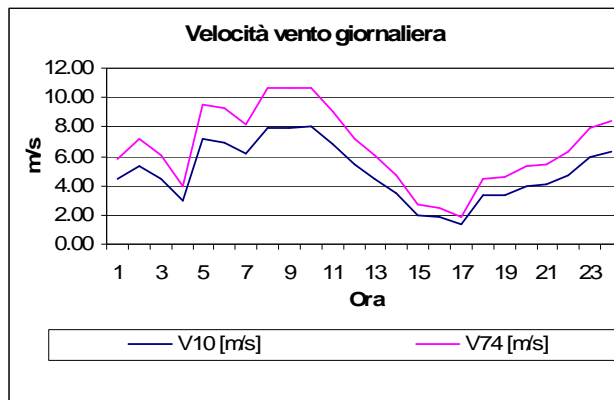
Elaborazioni - EM.ES S.r.L.

giorno 23

ora	V10	V74	Dv	SD	Ta	Pa	V alim
[h]	[m/s]	[m/s]	[gradi]	[gradi]	[°C]	[mbar]	[V]
1	4.40	5.88	284.4	3.256	20.93	1011.3	11.91
2	5.34	7.13	290.7	3.143	21.11	1010.7	11.91
3	4.50	6.01	296.7	4.048	21.42	1010.6	11.9
4	2.96	3.95	332.6	6.763	21.36	1010.8	11.9
5	7.15	9.56	9.56	6.107	21.72	1011	11.9
6	6.92	9.25	3.177	4.331	21.48	1011.1	11.9
7	6.15	8.22	7.87	4.735	21.02	1011.4	11.9
8	7.97	10.66	358.7	3.259	21.3	1011.6	11.9
9	7.92	10.59	356.6	4.246	21.51	1012.3	11.9
10	8.00	10.70	2.625	3.236	21.32	1012.7	11.9
11	6.76	9.03	11.35	3.599	21.32	1013	11.9
12	5.41	7.24	16.47	4.18	21.16	1013.1	11.9
13	4.50	6.02	24.51	4.273	21.12	1012.9	11.9
14	3.52	4.71	39.36	4.166	21.37	1012.8	11.9
15	2.01	2.69	27.78	9.39	21.63	1012.3	11.91
16	1.88	2.51	9.9	8.64	21.79	1012.1	11.91
17	1.42	1.89	321.2	16.34	22.38	1011.6	11.92
18	3.32	4.43	329.6	4.742	22.05	1011.7	11.92
19	3.38	4.52	354.3	3.965	22.11	1011.9	11.91
20	4.02	5.37	11.86	4.418	21.71	1011.7	11.91
21	4.09	5.46	338.1	4.99	21.54	1012	11.91
22	4.74	6.34	343.3	4.612	21.76	1012.2	11.9
23	5.91	7.90	324.2	5.34	22.25	1012.3	11.9
24	6.25	8.36	326.1	4.09	22.39	1011.6	11.9

giorno 24

V10	V74	Dv	SD	Ta	Pa	V alim
[m/s]	[m/s]	[gradi]	[gradi]	[°C]	[mbar]	[V]
5.07	6.77	311	4.558	22.53	1011.1	11.9
4.68	6.25	320.6	4.34	22.04	1010.8	11.9
6.99	9.34	352.4	3.421	22.4	1010.8	11.89
8.11	10.84	4.98	3.491	22.54	1010.9	11.89
8.85	11.83	12.71	3.67	22.01	1011.2	11.89
8.71	11.64	4.222	3.662	21.67	1011.4	11.89
8.66	11.58	2.243	3.603	21.82	1011.6	11.89
7.91	10.57	3.202	3.523	22.02	1012.1	11.89
7.19	9.61	4.044	3.588	22.21	1012.3	11.89
7.10	9.49	2.771	3.713	22.15	1012.3	11.89
7.00	9.35	2.406	3.49	22.13	1012.4	11.89
5.46	7.29	49.93	9.44	21.59	1012.9	11.89
4.21	5.62	13.63	6.309	21.41	1012.5	11.89
4.89	6.53	7.81	4.395	21.58	1012.2	11.89
5.02	6.71	13.45	5.649	21.8	1012	11.9
3.96	5.30	16.38	4.877	21.78	1011.6	11.9
3.75	5.01	356.3	7.78	21.88	1011.6	11.9
6.45	8.62	359.5	4.074	22	1011.2	11.9
5.92	7.92	353.8	3.615	22.08	1011.4	11.9
5.49	7.34	348.6	4.055	22.28	1011.6	11.89
3.34	4.46	317.5	6.499	22.09	1012	11.89
3.61	4.83	307.3	5.145	22.29	1012.1	11.89
3.39	4.53	300.9	4.96	22.04	1012	11.89
3.75	5.02	293.4	4.746	21.68	1011.8	11.88



MAGGIO 2007

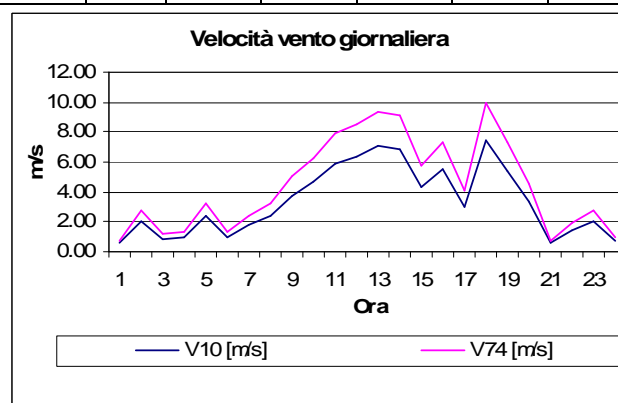
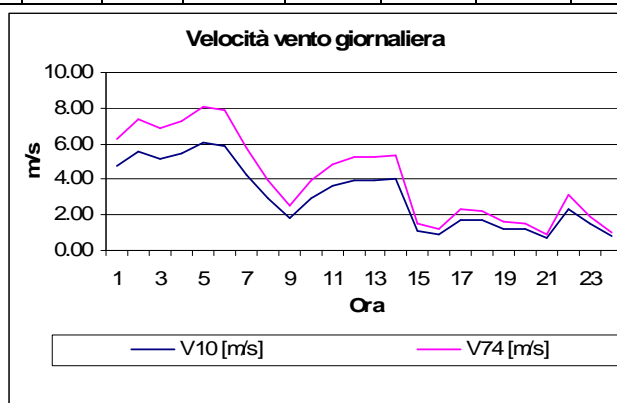
Elaborazioni - EM.ES S.r.L.

giorno 25

giorno 26

ora	V10	V74	Dv	SD	Ta	Pa	V alim
[h]	[m/s]	[m/s]	[gradi]	[gradi]	[°C]	[mbar]	[V]
1	4.71	6.29	284	3.398	21.23	1011.5	11.88
2	5.55	7.42	281.7	2.564	21.04	1011.1	11.88
3	5.13	6.85	278.7	3.426	20.88	1011	11.88
4	5.44	7.28	286.9	3.569	20.87	1010.8	11.88
5	6.06	8.10	283.5	2.959	20.64	1010.8	11.88
6	5.89	7.88	283.2	3.224	20.69	1011.1	11.88
7	4.29	5.73	288.2	3.57	21.48	1011.4	11.87
8	2.91	3.89	291.5	3.612	22.39	1011.4	11.87
9	1.85	2.48	335	7.71	23.39	1011.3	11.87
10	2.92	3.91	34.1	3.97	23.44	1010.8	11.88
11	3.61	4.82	66.39	4.19	23.23	1010.7	11.88
12	3.93	5.25	63.76	4.2	22.21	1011	11.88
13	3.90	5.21	64.53	5.034	21.65	1010.8	11.88
14	4.00	5.35	80	3.433	21.38	1010.3	11.89
15	1.10	1.47	122.2	14.65	21.91	1009.8	11.89
16	0.90	1.20	290.2	15.81	22.78	1009.2	11.9
17	1.71	2.28	341.8	9.85	22.55	1008.7	11.9
18	1.68	2.24	352.4	6.189	22.19	1008.7	11.9
19	1.21	1.61	110.4	12.41	21.74	1008.7	11.9
20	1.17	1.56	110.2	23.28	21.35	1008.8	11.89
21	0.70	0.93	140	28.11	21.28	1009.1	11.89
22	2.35	3.14	290.1	7.02	21.31	1009.3	11.88
23	1.47	1.97	16.22	19.3	21.34	1009.2	11.88
24	0.77	1.03	65.17	16.77	21.34	1009	11.88

V10	V74	Dv	SD	Ta	Pa	V alim
[m/s]	[m/s]	[gradi]	[gradi]	[°C]	[mbar]	[V]
0.56	0.75	157.9	20.01	21.18	1008.8	11.88
2.08	2.78	138.3	10.66	20.39	1008.5	11.87
0.87	1.16	158.1	7.54	20.5	1008.3	11.87
0.98	1.30	263.8	10.5	20.64	1008.1	11.87
2.38	3.19	268.6	5.499	20.62	1008.4	11.87
1.02	1.36	284.1	10.18	21.19	1008.2	11.87
1.82	2.43	273.1	5.285	21.55	1008.1	11.87
2.41	3.22	96.1	15.05	22.05	1008.1	11.86
3.76	5.03	137	3.765	21.78	1008.1	11.86
4.64	6.20	134.6	3.117	21.88	1007.8	11.87
5.91	7.90	125.1	3.042	21.94	1007.5	11.87
6.41	8.57	126	3.35	21.99	1007	11.87
7.04	9.41	128	3.414	22.18	1006.3	11.87
6.85	9.16	132.2	3.756	22.02	1005.9	11.87
4.32	5.77	163.2	16.74	22.93	1006.5	11.87
5.46	7.30	131.5	10.4	22.54	1005.9	11.87
3.05	4.07	25.98	29.08	22.55	1006.1	11.87
7.45	9.96	29.57	5.5	22.11	1006.1	11.87
5.45	7.29	25.28	8.15	21.81	1006.7	11.87
3.39	4.53	47.7	11.35	21.48	1006.6	11.87
0.58	0.78	286.9	22.47	21.49	1006.9	11.86
1.43	1.92	272.4	11.16	21.68	1006.8	11.86
2.06	2.75	288.7	5.511	21.56	1006.4	11.86
0.68	0.91	291.9	10.48	21.41	1006.3	11.86



MAGGIO 2007

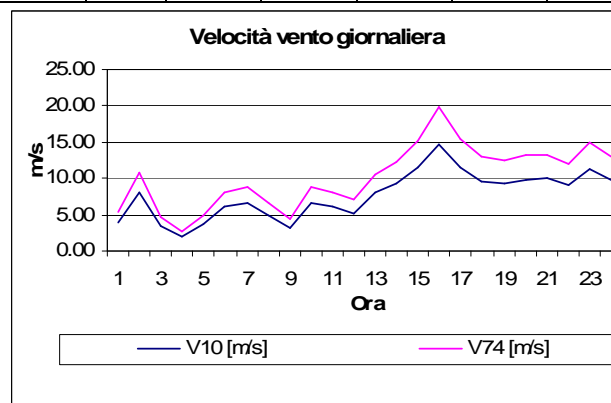
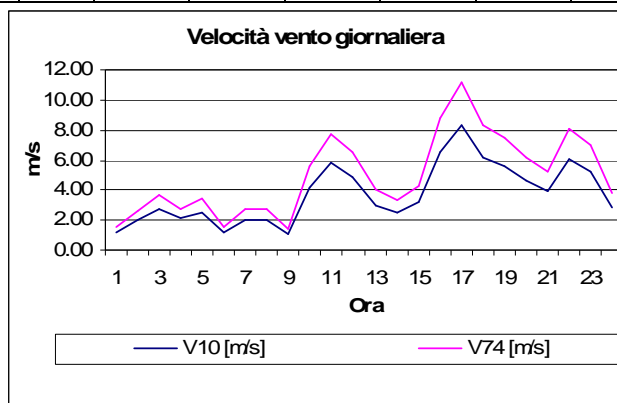
Elaborazioni - EM.ES S.r.L.

giorno 27

ora	V10	V74	Dv	SD	Ta	Pa	V alim
[h]	[m/s]	[m/s]	[gradi]	[gradi]	[°C]	[mbar]	[V]
1	1.15	1.54	188.3	18.34	21.29	1005.8	11.86
2	1.99	2.66	184.2	7.45	21.42	1005	11.86
3	2.75	3.68	185.4	7.54	21.38	1004.6	11.86
4	2.09	2.79	286.1	13.45	21.35	1004.3	11.85
5	2.55	3.41	330.1	6.266	21.42	1004.1	11.85
6	1.15	1.54	204.3	18.47	21.84	1004	11.85
7	2.07	2.77	214.5	11.25	21.57	1004	11.85
8	2.03	2.71	156.2	26.12	22.48	1003.7	11.85
9	1.10	1.48	128.8	11.37	22.86	1003.2	11.85
10	4.21	5.62	123.1	5.567	22.18	1002.3	11.86
11	5.80	7.75	118.6	4.882	21.98	1001.6	11.86
12	4.92	6.58	100.8	6.78	22.39	1001.3	11.86
13	3.02	4.04	42.39	13.48	22.87	1001.2	11.86
14	2.50	3.34	54.93	16.95	22.61	1000.8	11.86
15	3.19	4.26	53.94	10.66	22.39	1000.1	11.86
16	6.53	8.74	2.324	16.18	22.18	999.9	11.86
17	8.32	11.12	351.3	7.04	22.14	999.92	11.86
18	6.20	8.28	344.8	5.296	22.28	999.55	11.86
19	5.60	7.49	5.608	6.832	22.46	999.07	11.85
20	4.61	6.16	6.626	8.12	22.16	999.78	11.85
21	3.93	5.25	7.87	14.94	22	1000.4	11.85
22	6.05	8.09	346	5.982	21.59	999.69	11.85
23	5.25	7.01	328.8	6.105	21.47	999.03	11.85
24	2.82	3.77	315.6	11.22	21.52	998.57	11.85

giorno 28

V10	V74	Dv	SD	Ta	Pa	V alim
[m/s]	[m/s]	[gradi]	[gradi]	[°C]	[mbar]	[V]
4.01	5.36	216.6	21.38	21.11	998.21	11.85
8.11	10.84	239.7	10.41	19.95	998.22	11.84
3.47	4.64	244.5	13.47	19.61	998.11	11.84
2.04	2.73	262.9	17.5	19.63	997.74	11.84
3.72	4.97	293.2	12.58	19.96	997.38	11.84
6.06	8.11	309.8	7.78	20.18	997.12	11.84
6.64	8.88	282.6	5.214	19.94	996.49	11.83
4.87	6.51	288.5	5.235	21.05	996.14	11.83
3.30	4.41	83.6	18.17	21.76	996.32	11.83
6.61	8.84	109	5.251	20.73	996.32	11.84
6.14	8.20	117.8	4.46	20.51	995.73	11.84
5.23	6.99	112.2	5.641	20.75	994.98	11.84
7.97	10.66	131.9	3.912	21.01	994.07	11.84
9.23	12.34	188	11.84	22.95	992.98	11.84
11.45	15.31	263.2	5.873	25.15	992.29	11.85
14.79	19.77	271.8	5.963	22.83	993.23	11.85
11.46	15.32	252.6	5.675	21.65	993.74	11.85
9.65	12.90	274	7.25	21.09	994.23	11.85
9.42	12.59	276.6	8.15	20.97	995.36	11.85
9.81	13.12	265	5.931	20.01	996.59	11.84
9.95	13.30	265	4.795	19.74	997.87	11.84
8.99	12.02	260.9	5.612	19.43	998.46	11.84
11.21	14.99	262	5.225	19.07	998.17	11.83
9.69	12.95	264.4	5.53	18.65	998.17	11.83



MAGGIO 2007

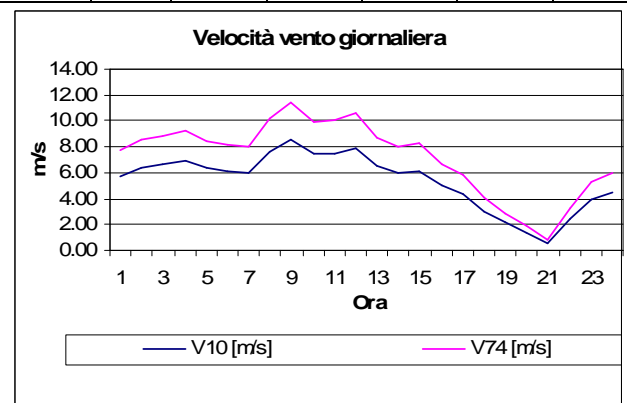
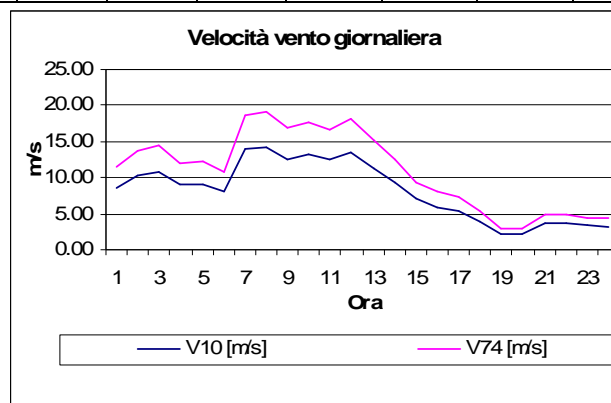
Elaborazioni - EM.ES S.r.L.

giorno 29

giorno 30

ora	V10	V74	Dv	SD	Ta	Pa	V alim
[h]	[m/s]	[m/s]	[gradi]	[gradi]	[°C]	[mbar]	[V]
1	8.66	11.58	266.4	7.62	18.4	998.14	11.83
2	10.28	13.74	251.9	5.357	18.11	997.71	11.83
3	10.86	14.52	262.2	6.712	17.89	997.51	11.83
4	9.04	12.09	269.4	7.74	17.78	997.67	11.82
5	9.13	12.21	269.9	8.17	17.7	997.46	11.82
6	8.14	10.88	259.7	11.34	17.87	997.62	11.82
7	13.86	18.53	257.8	5.279	18.26	996.7	11.82
8	14.28	19.09	268.2	5.817	18.83	996.66	11.82
9	12.62	16.87	257.7	6.01	18.95	997.92	11.82
10	13.15	17.58	260.1	5.527	19.01	998.42	11.82
11	12.53	16.75	266.1	6.483	18.79	999.16	11.82
12	13.58	18.16	266.6	5.651	18.97	999.41	11.82
13	11.33	15.15	264.5	5.797	18.96	1000.1	11.82
14	9.30	12.43	267.6	5.612	19.08	1000.4	11.82
15	7.05	9.43	274	18.54	19.45	1000.6	11.82
16	5.97	7.98	64.32	6.682	18.65	1001.1	11.82
17	5.42	7.24	81.4	7.72	18.58	1001.6	11.83
18	3.97	5.30	89.6	8.81	18.53	1002.2	11.83
19	2.17	2.91	120.1	13.15	18.61	1003	11.83
20	2.17	2.90	58.94	12.28	18.69	1003.8	11.82
21	3.60	4.81	42.23	8.89	18.55	1004.8	11.82
22	3.62	4.84	34.1	8.93	18.33	1005.4	11.82
23	3.32	4.44	50.64	10.23	18.15	1005.7	11.82
24	3.27	4.38	343.5	12.95	17.88	1006	11.82

V10	V74	Dv	SD	Ta	Pa	V alim
[m/s]	[m/s]	[gradi]	[gradi]	[°C]	[mbar]	[V]
5.77	7.72	278.6	4.801	16.82	1006.1	11.81
6.39	8.55	276.5	4.688	16.38	1006.1	11.81
6.63	8.86	277.8	4.076	16.47	1006.2	11.81
6.94	9.28	283.8	4.709	16.28	1006.2	11.81
6.34	8.47	280	4.731	16.09	1006.6	11.81
6.06	8.11	278.6	4.779	16.11	1007.2	11.81
6.01	8.04	311.2	10.3	17.49	1007.7	11.81
7.65	10.23	341.2	9.04	18.23	1008.2	11.81
8.56	11.44	26.78	11.54	17.57	1008.8	11.81
7.46	9.97	24.37	6.337	17.15	1009.3	11.81
7.51	10.04	20.71	6.092	17.38	1009.7	11.81
7.88	10.53	21.87	6.728	17.83	1010	11.81
6.52	8.72	28.47	6.99	17.85	1010.4	11.81
6.00	8.02	28.07	6.472	17.91	1011	11.81
6.18	8.27	24.78	6.294	18.09	1011.4	11.82
5.00	6.68	13.89	8.29	18.21	1011.7	11.82
4.40	5.88	30.13	7.64	18.43	1012	11.82
3.02	4.04	46.21	11.87	18.72	1012.2	11.82
2.18	2.91	59.73	14.77	18.68	1012.6	11.82
1.41	1.89	60.81	14.88	18.25	1012.8	11.81
0.57	0.76	187.4	25.87	18.18	1013.2	11.81
2.45	3.28	276.9	10.21	18.23	1013.4	11.81
3.95	5.27	279.6	4.98	17.54	1013.5	11.81
4.48	5.99	283.1	4.722	17.06	1013.6	11.81

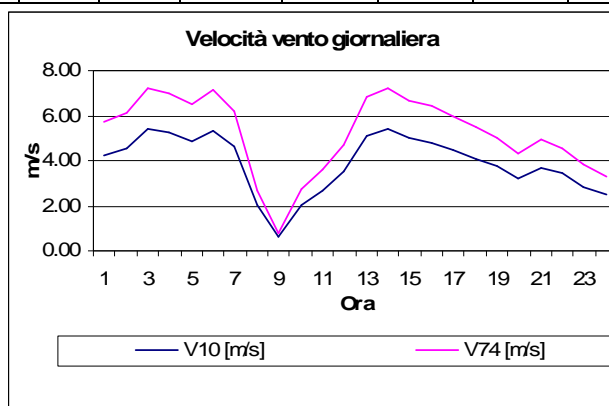


MAGGIO 2007

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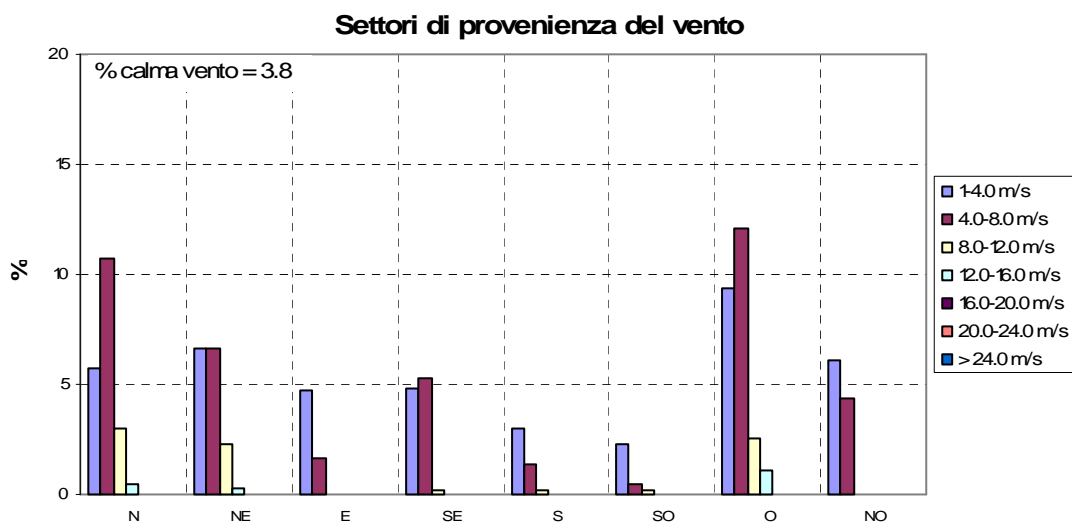
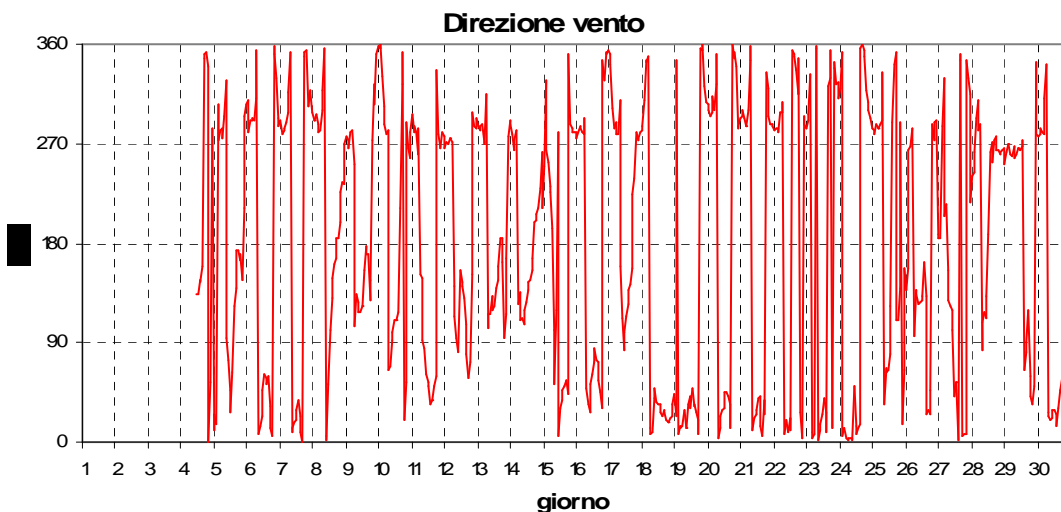
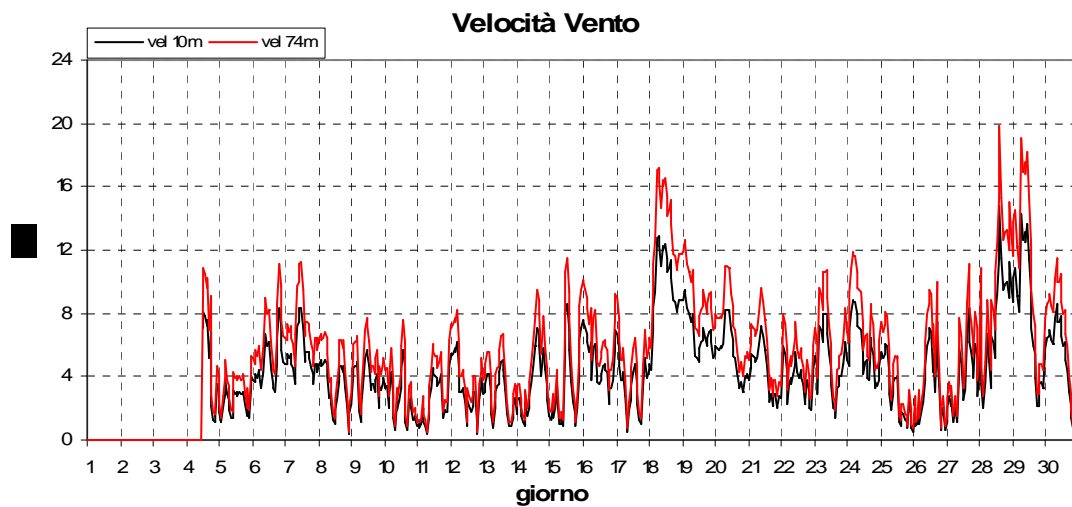
giorno 31

ora [h]	V10 [m/s]	V74 [m/s]	Dv [gradi]	SD [gradi]	Ta [°C]	Pa [mbar]	V alim [V]
1	4.27	5.71	288.5	5.068	16.83	1013.5	11.8
2	4.56	6.10	284.3	4.212	16.42	1013.4	11.8
3	5.41	7.23	282.3	4.049	16.06	1013.3	11.8
4	5.24	7.00	283.7	4.335	15.85	1013.4	11.8
5	4.85	6.48	281	3.902	15.73	1013.6	11.8
6	5.31	7.10	282.1	4.042	16.1	1013.9	11.79
7	4.65	6.21	285.9	4.096	16.54	1014	11.79
8	2.01	2.69	292.4	17.82	18.12	1014.3	11.79
9	0.59	0.79	93.8	21	19.15	1014.4	11.79
10	2.04	2.73	108.4	7.89	18.78	1014.5	11.8
11	2.69	3.60	115.7	6.604	19.01	1014.7	11.8
12	3.50	4.67	113.8	4.578	19.23	1014.7	11.8
13	5.10	6.82	107.4	4.115	19.48	1014.4	11.8
14	5.41	7.23	118.3	5.079	19.62	1014.2	11.81
15	5.00	6.69	132	5.692	19.7	1014.1	11.81
16	4.80	6.41	137.6	5.325	19.88	1014.1	11.82
17	4.45	5.95	138.6	5.843	19.94	1014	11.82
18	4.10	5.49	146.1	6.015	20	1014	11.82
19	3.76	5.02	144.6	6.324	20.02	1014	11.82
20	3.21	4.29	170.7	6.633	19.94	1014.5	11.81
21	3.70	4.94	195.3	5.886	20.12	1015	11.81
22	3.43	4.58	203.9	5.372	20.02	1015.1	11.81
23	2.85	3.81	191.4	5.622	19.98	1014.9	11.81
24	2.48	3.31	210.8	5.864	19.64	1014.6	11.8

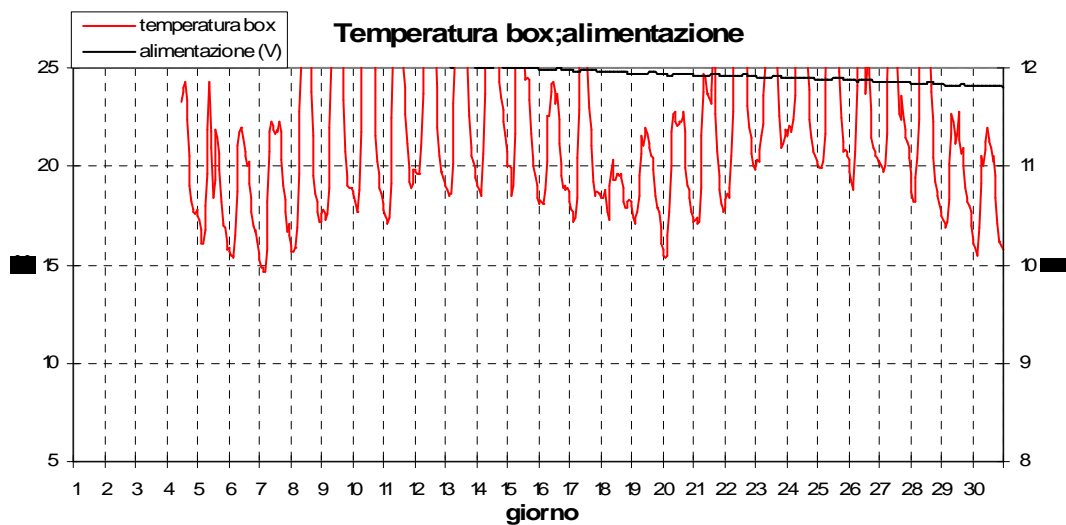
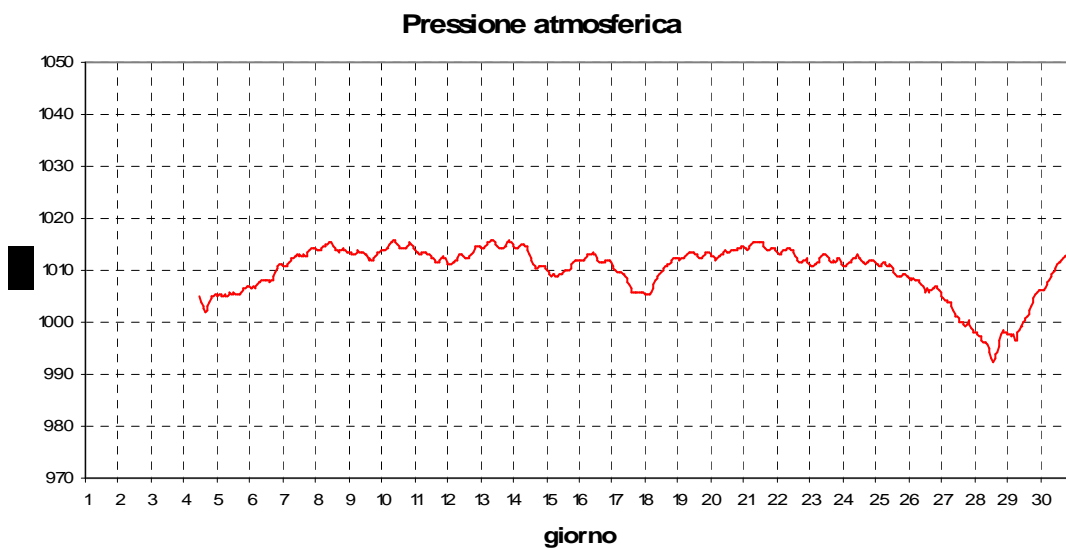
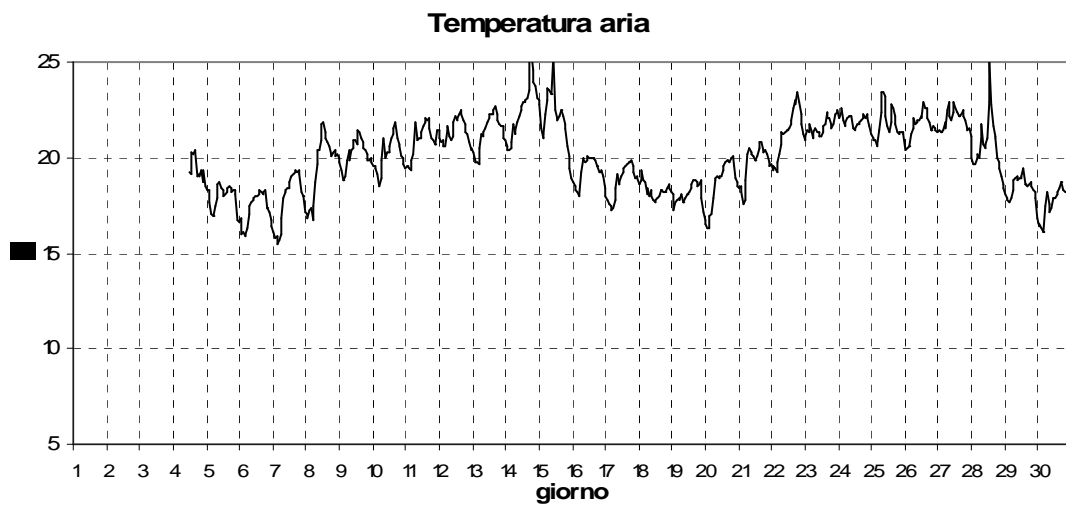


3 Grafici degli andamenti mensili dei parametri misurati

3.1 Grafici dell'andamento dei venti



3.2 Grafici delle temperature e della pressione atmosferica



Eco Meteo Electronic System & Services



EFFEVENTI S.r.L.
Stazione meteorologica su meda
Rapporto mensile Giugno 2007

EM.ES S.r.L
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Stazione meteorologica su Meda
Rapporto mensile
Giugno 2007

0	03-06-2007	Emesso per controllo e/o approvazione	R.Materni	L.Berretta	F.Cecchi	
Rev	Data	Descrizione	Elaborato	Verificato	Approvato	Approvazione cliente

Indice

1	Relazione.....	4
1.1	Descrizione generale della stazione	4
1.2	Modalità di campionamento dei dati.....	4
1.3	Note relative al mese di Giugno 2007.....	4
2	Tabelle giornaliere dei parametri misurati	5
3	Grafici degli andamenti mensili dei parametri misurati.....	21
3.1	Grafici dell'andamento dei venti.....	22
3.2	Grafici delle temperature e della pressione atmosferica	23

1 Relazione

1.1 Descrizione generale della stazione

La stazione meteorologica, posizionata al largo della costa di Termoli, consta della seguente strumentazione:

- Anemometro modello RM Young Wind Sentry Set
- Sensore temperatura dell'aria modello CSI107L con schermo antiradiazione solare a 6 piatti
- Sensore pressione barometrica modello Vaisala PTB101B
- Acquisitore dati modello CSI CR510.

La stazione è alimentata da una coppia di pannelli solari per complessivi 50W unitamente a due batterie Dryfit per complessivi 80Ah. La stazione è installata su una meda modello Floatex posizionata su un fondale di circa 20 metri.

1.2 Modalità di campionamento dei dati

La stazione è programmata per eseguire automaticamente le seguenti misure:

- Velocità del vento
- Direzione del vento
- Standard deviation
- Temperatura dell'aria
- Pressione atmosferica
- Temperatura interna del contenitore apparati
- Valore di carica delle batterie.

L'acquisitore dati CR510 acquisisce le misure istantanee con cadenza 10s allocandole in memoria all'interno di una matrice bidimensionale. I parametri acquisiti subiscono un primo processo di validazione atto a verificare la bontà del dato acquisito mediante un algoritmo sviluppato da EM.ES S.r.L. al termine di ogni ora i dati nella matrice vengono elaborati al fine di ottenere le uscite orarie sopra descritte. I parametri quindi vengono memorizzati in una memoria ciclica in formato ASCII comma delineated. I dati così memorizzati vengono recuperati dal CED EM.ES S.r.L. con cadenza giornaliera alle ore 08.30 e memorizzati in files mensili denominati MESE_ANNO.DAT dopo aver subito un secondo processo di validazione finalizzato ad individuare eventuali incongruenze o eventuali malfunzionamenti strumentali.

1.3 Note relative al mese di Giugno 2007

Il mese di Giugno è stato caratterizzato da venti uniformemente distribuiti su tutti i settori con prevalenza per il settore ovest.

Dal punto di vista dei parametri acquisiti, con particolare riferimento all'andamento dei venti, nel mese in oggetto si è registrata una velocità media a 10 metri SLM di 3.9 m/s con punta massima pari a 13.08 m/s registrata il giorno 26 giugno alle ore 02.00. A seguito dell'evento di cui sopra si è verificato un drastico abbattimento dei valori di tensione che hanno causato la temporanea interruzione delle acquisizioni a partire dalle ore 05.00 fino alle ore 17.00 incluse. Le acquisizioni sono poi riprese regolarmente ma con valori di tensione molto bassi.

Il tempo di calma vento è stato del 4.51%

2 Tabelle giornaliere dei parametri misurati

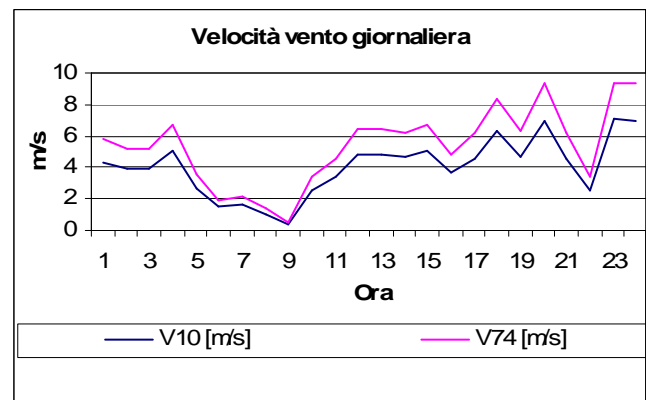
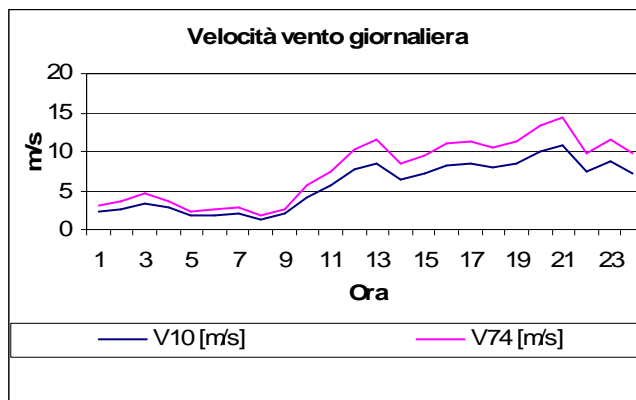
GIUGNO 2007

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giorno 1

giorno 2

ora	V10	V74	Dv	SD	Ta	Pa	V alim	V10	V74	Dv	SD	Ta	Pa	V alim
[h]	[m/s]	[m/s]	[gradi]	[gradi]	[°C]	[mbar]	[V]	[m/s]	[m/s]	[gradi]	[gradi]	[°C]	[mbar]	[V]
100	2.36	3.16	273.5	10.26	19.32	1014.2	11.8	4.352	5.82	253.5	7.03	20.36	1011.1	11.79
200	2.63	3.51	271.8	7.2	19.05	1013.9	11.8	3.903	5.22	307.1	7.95	20.06	1010.9	11.79
300	3.36	4.49	266.9	5.776	18.79	1013.3	11.79	3.89	5.20	274.5	9.71	19.72	1010.7	11.78
400	2.71	3.62	270	7.57	18.79	1012.8	11.79	5.025	6.72	272.2	4.777	18.99	1010.6	11.78
500	1.71	2.29	274.2	10.65	18.81	1013.1	11.79	2.681	3.58	294.3	12.9	19.26	1011.1	11.78
600	1.85	2.48	231.3	11.71	18.99	1013.2	11.79	1.465	1.96	306.8	19.83	19.44	1011.3	11.78
700	2.12	2.83	244.1	12.65	19.37	1013.4	11.79	1.596	2.13	316.1	17.86	19.56	1011.5	11.78
800	1.26	1.69	180.4	16.26	19.52	1013.5	11.79	1.018	1.36	275.5	14.16	19.66	1011.8	11.78
900	1.98	2.65	196.4	11.32	20.08	1013.6	11.79	0.404	0.54	284.7	26.36	20.59	1012.1	11.78
1000	4.21	5.62	167.2	6.262	20.75	1013.2	11.79	2.523	3.37	66.68	8.54	19.99	1012.1	11.78
1100	5.55	7.42	145.8	4.126	21	1012.9	11.79	3.442	4.60	74.2	6.907	19.91	1012.5	11.78
1200	7.66	10.24	133.9	3.802	21.36	1012.1	11.79	4.807	6.43	68.51	5.638	20.04	1012.8	11.78
1300	8.55	11.43	144	4.442	21.2	1011.5	11.8	4.811	6.43	84.5	5.695	19.87	1012.8	11.78
1400	6.42	8.58	152.4	6.479	21.85	1011	11.8	4.621	6.18	96.8	4.942	19.85	1012.6	11.78
1500	7.09	9.48	228.6	8.47	24.18	1010.5	11.8	5.023	6.72	123	5.832	20.04	1012.6	11.78
1600	8.25	11.03	240.4	5.421	24.95	1010.1	11.8	3.642	4.87	120.8	8.42	20.32	1012.9	11.78
1700	8.44	11.28	257.8	5.208	24.84	1009.9	11.8	4.618	6.17	141.8	9.65	20.53	1012.9	11.78
1800	7.91	10.57	260.1	4.898	24.3	1009.7	11.8	6.277	8.39	142.9	4.595	20.85	1012.7	11.78
1900	8.45	11.30	263.6	4.916	24.01	1009.7	11.8	4.71	6.30	168.1	7.57	21.48	1013.1	11.78
2000	9.92	13.26	263	4.352	22.94	1009.5	11.8	6.993	9.35	223.8	4.624	21.52	1013.3	11.78
2100	10.7	14.35	258.7	4.277	22.09	1009.9	11.8	4.62	6.18	237.9	8.68	20.24	1014.2	11.78
2200	7.32	9.79	262.3	5.739	21.65	1010.8	11.79	2.55	3.41	304.2	6.968	20.07	1014.8	11.78
2300	8.61	11.51	274.5	6.119	21.2	1010.9	11.79	7.04	9.41	349.7	4.526	18.74	1014.7	11.77
2400	7.24	9.68	261.4	6.841	20.78	1011.2	11.79	6.966	9.31	348.1	4.029	18.38	1014.5	11.77



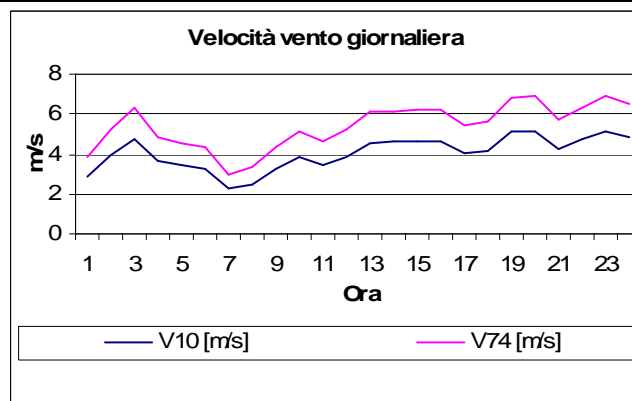
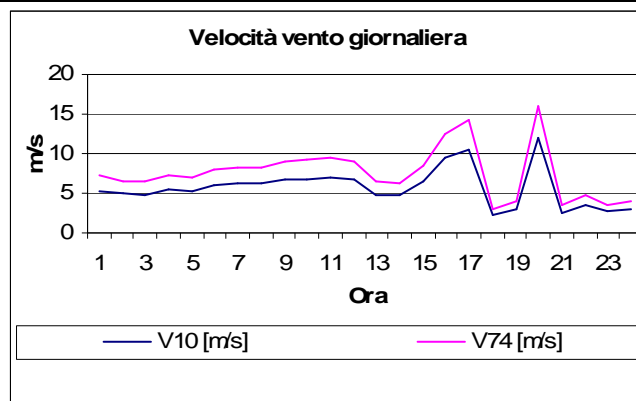
GIUGNO 2007

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giorno 3

giorno 4

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[h]	[m/s]	[m/s]	[gradi]	[gradi]	[°C]	[mbar]	[V]	[m/s]	[m/s]	[gradi]	[gradi]	[°C]	[mbar]	[V]
100	5.36	7.17	339	5.891	17.98	1014.7	11.77	2.913	3.89	284	6.701	17.96	1015.6	11.75
200	4.89	6.54	327	6.4	17.95	1014.4	11.77	3.938	5.26	282.8	4.856	17.87	1015.2	11.75
300	4.87	6.51	326.7	9.18	17.83	1014.1	11.76	4.695	6.28	281.4	3.678	17.73	1015	11.75
400	5.42	7.24	339.8	6.034	17.81	1013.9	11.76	3.631	4.85	289.4	6.107	17.78	1014.9	11.75
500	5.26	7.03	357.9	5.935	18.03	1013.9	11.76	3.41	4.56	302.6	5.362	17.92	1015.2	11.75
600	5.95	7.95	350.9	5.515	18.01	1014	11.76	3.276	4.38	291.9	6.282	18.08	1015.6	11.75
700	6.16	8.23	341.7	4.808	17.92	1014.1	11.76	2.246	3.00	318.1	7.45	18.39	1015.8	11.75
800	6.17	8.25	341.2	5.022	18.2	1014.2	11.76	2.478	3.31	314.6	7.93	18.66	1015.9	11.75
900	6.7	8.96	352.6	5.093	18.42	1013.8	11.76	3.26	4.36	6.602	5.349	19.29	1015.5	11.75
1000	6.84	9.15	353.7	4.717	18.65	1014.1	11.76	3.844	5.14	24.69	4.912	19.65	1015.4	11.75
1100	7.03	9.40	4.415	4.212	18.92	1014.3	11.76	3.492	4.67	36.68	5.25	19.78	1015.7	11.75
1200	6.66	8.90	12.87	4.104	19.37	1014.1	11.76	3.884	5.19	30.28	4.306	20.05	1015.5	11.75
1300	4.82	6.44	36.85	5.998	19.9	1014.1	11.76	4.555	6.09	24.98	4.63	20.19	1014.9	11.76
1400	4.64	6.20	101.7	4.764	20.15	1013.8	11.76	4.617	6.17	21.4	4.549	20.24	1014.5	11.76
1500	6.39	8.55	247.7	13.21	18.89	1014.6	11.76	4.672	6.25	22.28	4.879	20.31	1013.9	11.76
1600	9.44	12.62	297.2	5.913	17.33	1014.4	11.76	4.626	6.18	18.9	5.149	20.53	1013.2	11.77
1700	10.6	14.14	297.2	7.28	17.46	1014.3	11.76	4.089	5.47	17.54	5.227	20.57	1012.8	11.77
1800	2.19	2.93	339.4	12.59	17.79	1014.2	11.76	4.187	5.60	15.21	4.73	20.73	1012.7	11.77
1900	3	4.01	315.7	8.02	18.21	1014.5	11.75	5.105	6.82	17.28	3.578	20.76	1012.6	11.76
2000	12	16.04	280.8	8.79	17.96	1014.9	11.75	5.149	6.88	8.27	3.896	20.73	1012.4	11.76
2100	2.59	3.46	319.6	11.72	17.72	1015.6	11.75	4.253	5.69	1.869	4.164	20.74	1013	11.76
2200	3.55	4.74	287.8	10.01	17.79	1016	11.75	4.75	6.35	349.4	5.164	20.65	1013.1	11.76
2300	2.64	3.52	309.9	9.45	17.88	1015.9	11.75	5.165	6.91	330.2	5.657	20.39	1012.7	11.75
2400	2.92	3.90	287.5	9.69	17.79	1015.8	11.75	4.867	6.51	331.3	5.574	20.72	1012.4	11.75



GIUGNO 2007

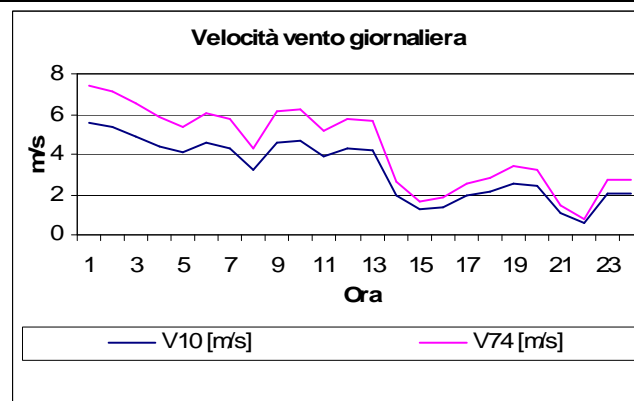
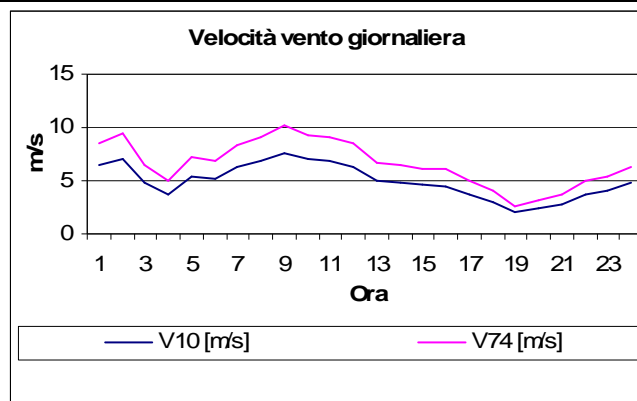
Elaborazioni - EM.ES S.r.L.

giorno 5

ora	V10	V74	Dv	SD	Ta	Pa	V alim
[h]	[m/s]	[m/s]	[gradi]	[gradi]	[°C]	[mbar]	[V]
100	6.4	8.55	338.9	5.39	20.34	1011.4	11.75
200	7.02	9.39	341.4	3.877	20.63	1011	11.75
300	4.84	6.47	314.3	7.55	20.27	1010.6	11.75
400	3.8	5.07	292.2	5.527	19.67	1010.5	11.75
500	5.45	7.28	299.4	3.802	19.29	1010	11.75
600	5.12	6.84	312	5.41	19.61	1009.7	11.74
700	6.24	8.35	343.8	4.028	20.92	1009.6	11.74
800	6.83	9.14	359.7	4.53	21.14	1009.6	11.74
900	7.66	10.24	8.94	3.816	21.18	1009.5	11.74
1000	6.96	9.30	16.48	4.835	20.92	1009.5	11.74
1100	6.77	9.06	19.4	3.889	20.77	1009.5	11.74
1200	6.32	8.44	25.49	4.031	20.68	1009.3	11.74
1300	5.01	6.70	26.04	4.087	20.71	1009.1	11.74
1400	4.85	6.49	30.46	4.499	20.81	1008.7	11.75
1500	4.55	6.08	27.66	4.573	20.96	1008.6	11.75
1600	4.5	6.02	15.7	4.698	21.06	1008.5	11.75
1700	3.68	4.92	19.27	5.569	20.98	1008.5	11.75
1800	2.99	4.00	16.84	7.2	21.01	1008.3	11.75
1900	1.99	2.66	8.55	9.83	20.96	1008.3	11.75
2000	2.41	3.22	13.5	7.47	20.69	1008.8	11.75
2100	2.77	3.70	0.239	8.05	20.59	1009.1	11.75
2200	3.76	5.03	0.146	4.853	20.57	1009.1	11.74
2300	4.06	5.43	345.5	4	20.46	1009.1	11.74
2400	4.77	6.38	335	5.472	20.45	1009	11.74

giorno 6

V10	V74	Dv	SD	Ta	Pa	V alim
[m/s]	[m/s]	[gradi]	[gradi]	[°C]	[mbar]	[V]
5.55	7.42	342	4.063	20.43	1008.9	11.74
5.327	7.12	332.1	4.417	20.42	1008.8	11.74
4.889	6.54	297.2	5.586	19.79	1008.6	11.74
4.402	5.89	286.8	3.767	19.77	1008.6	11.73
4.05	5.41	290.4	3.81	19.68	1008.5	11.73
4.539	6.07	290.1	3.953	19.38	1008.6	11.73
4.324	5.78	283.8	4.126	19.25	1008.6	11.73
3.23	4.32	298.5	8.58	20.1	1008.8	11.73
4.607	6.16	3.18	5.545	20.93	1008.9	11.73
4.694	6.28	16.46	4.712	20.75	1009	11.73
3.889	5.20	34.83	5.378	20.69	1009.3	11.73
4.304	5.75	47.07	5.006	20.8	1009.3	11.73
4.219	5.64	61.78	5.149	20.76	1009.1	11.73
1.98	2.65	93.8	11.3	20.93	1009.3	11.74
1.241	1.66	158.7	11.02	21.1	1009.3	11.74
1.412	1.89	57.9	12.06	21.42	1009.2	11.74
1.928	2.58	73.8	9.03	21.32	1009.2	11.75
2.128	2.84	83.2	6.103	21.15	1009.3	11.75
2.575	3.44	31.99	6.43	21.13	1010.1	11.74
2.434	3.25	28.55	4.885	20.97	1010.6	11.74
1.121	1.50	49.39	6.051	20.92	1011.3	11.74
0.576	0.77	321	10.64	20.85	1011.8	11.74
2.024	2.71	339.4	6.498	20.71	1012	11.73
2.052	2.74	303.4	7.51	20.51	1012.2	11.73



GIUGNO 2007

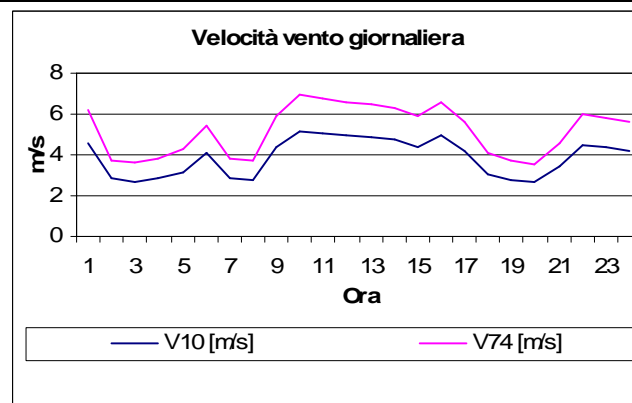
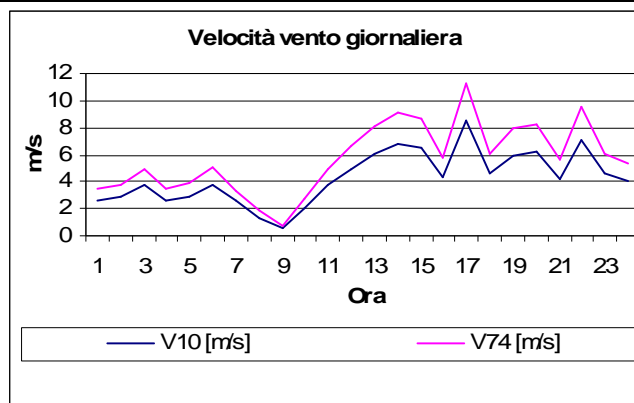
Elaborazioni - EM.ES S.r.L.

giorno 7

ora	V10	V74	Dv	SD	Ta	Pa	V alim
[h]	[m/s]	[m/s]	[gradi]	[gradi]	[°C]	[mbar]	[V]
100	2.57	3.43	285	6.351	20.03	1012.1	11.73
200	2.82	3.77	289.6	5.552	19.54	1011.8	11.73
300	3.72	4.97	285.3	4.195	19.05	1011.6	11.72
400	2.58	3.45	289.6	5.209	19.06	1011.6	11.72
500	2.92	3.90	284.2	4.559	18.83	1011.7	11.72
600	3.79	5.06	282.2	3.808	18.75	1012.2	11.72
700	2.54	3.40	284.8	5.109	19.01	1012.5	11.72
800	1.37	1.83	280.8	8.57	19.98	1012.7	11.72
900	0.57	0.76	108.9	23.84	21.03	1012.8	11.72
1000	2.09	2.79	79.5	8.83	20.43	1012.8	11.72
1100	3.73	4.98	77.5	5.481	20.58	1012.7	11.72
1200	4.97	6.64	89.1	3.668	20.94	1012.4	11.72
1300	6.04	8.07	115.5	4.508	21.27	1012	11.72
1400	6.8	9.09	123.8	3.876	21.27	1011.6	11.72
1500	6.48	8.66	129	4.483	21.23	1011.2	11.73
1600	4.34	5.80	103.5	11.25	21.27	1011.3	11.73
1700	8.47	11.32	6.661	14.68	20.72	1011.7	11.72
1800	4.58	6.12	25.76	8.15	20.37	1011.9	11.72
1900	5.96	7.97	359	7.88	20.05	1012.7	11.72
2000	6.22	8.31	5.715	7.62	19.56	1013	11.72
2100	4.19	5.61	15.38	9.18	20.16	1013.5	11.71
2200	7.12	9.52	33.6	6.456	19.98	1014.1	11.71
2300	4.57	6.11	26.67	7.7	19.49	1014.3	11.71
2400	4.01	5.36	3.437	8.57	19.62	1014.1	11.71

giorno 8

V10	V74	Dv	SD	Ta	Pa	V alim
[m/s]	[m/s]	[gradi]	[gradi]	[°C]	[mbar]	[V]
4.619	6.18	317.9	8.32	19.61	1013.7	11.7
2.813	3.76	278.8	8.71	19.35	1013.5	11.7
2.681	3.58	295.7	8.03	19.53	1013.5	11.7
2.861	3.82	304.3	6.077	19.58	1013.3	11.7
3.178	4.25	284.7	6.721	19.3	1013.4	11.7
4.083	5.46	283.1	4.401	18.89	1013.8	11.7
2.846	3.80	290.2	7.04	19.2	1014.1	11.7
2.764	3.70	351.3	10.68	19.87	1014.2	11.7
4.394	5.87	15.16	5.818	19.83	1014.4	11.7
5.178	6.92	10.62	4.326	19.95	1014.4	11.7
5.092	6.81	25.36	5.006	20.18	1014.7	11.7
4.921	6.58	29.98	5.331	20.31	1014.5	11.7
4.865	6.50	31.9	5.006	20.49	1014.4	11.7
4.721	6.31	28.48	5.172	20.52	1014.4	11.7
4.394	5.87	30.87	5.224	20.56	1014.2	11.71
4.927	6.59	29.95	4.446	20.83	1014.2	11.72
4.222	5.64	25.94	3.923	20.88	1014.1	11.72
3.061	4.09	18.28	6.084	20.84	1014.2	11.72
2.771	3.70	357.4	6.46	20.95	1014.3	11.72
2.624	3.51	359.8	6.324	20.9	1014.3	11.71
3.44	4.60	16.58	4.998	20.86	1014.8	11.71
4.454	5.95	6.27	4.343	20.75	1015.2	11.71
4.335	5.80	350.7	5.513	20.72	1015.2	11.7
4.237	5.66	338.1	5.006	20.53	1015.1	11.7



GIUGNO 2007

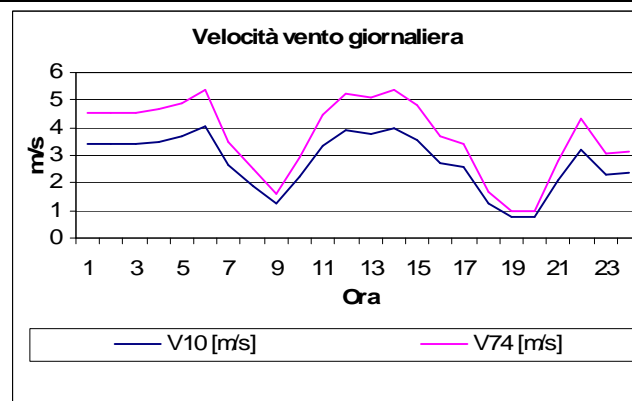
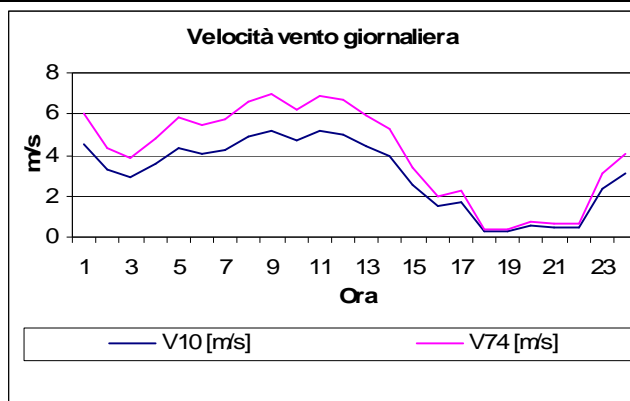
Elaborazioni - EM.ES S.r.L.

giorno 9

giorno 10

ora [h]	V10 [m/s]	V74 [m/s]	Dv [gradi]	SD [gradi]	Ta [°C]	Pa [mbar]	V alim [V]
100	4.54	6.07	335.9	5.284	20.56	1014.9	11.7
200	3.26	4.36	301	7.38	20	1014.9	11.7
300	2.89	3.86	303	7.06	19.77	1014.9	11.7
400	3.59	4.80	316.2	7.17	19.89	1014.7	11.7
500	4.36	5.83	312.7	5.712	19.6	1014.8	11.7
600	4.09	5.47	311.5	4.865	19.72	1015.2	11.69
700	4.28	5.72	324.8	6.727	20.28	1015.4	11.69
800	4.92	6.57	353.9	4.288	21.08	1015.4	11.69
900	5.18	6.92	4.683	3.811	21.22	1015.4	11.69
1000	4.66	6.23	16.33	4.42	21.25	1015.3	11.69
1100	5.17	6.91	28.61	3.709	21.39	1015.7	11.7
1200	5.03	6.72	52.16	3.934	21.43	1015.7	11.7
1300	4.42	5.91	60.78	4.578	21.33	1015.4	11.7
1400	3.98	5.32	55.78	3.894	21.36	1015.1	11.7
1500	2.54	3.40	67.49	6.618	21.49	1014.8	11.7
1600	1.51	2.01	111.5	8.76	21.68	1014.3	11.71
1700	1.68	2.25	152.6	7.71	21.81	1014	11.71
1800	0.3	0.41	151.8	18.4	23.33	1014.2	11.71
1900	0.3	0.40	239.4	18.41	23.25	1014.2	11.71
2000	0.55	0.74	300.8	15.79	21.77	1014.3	11.71
2100	0.51	0.68	231.8	14.23	21.34	1014.7	11.71
2200	0.5	0.67	327.8	13.39	21.37	1015.1	11.7
2300	2.31	3.09	305.8	8.16	21.44	1014.8	11.7
2400	3.06	4.09	283.8	4.635	20.89	1014.6	11.7

V10 [m/s]	V74 [m/s]	Dv [gradi]	SD [gradi]	Ta [°C]	Pa [mbar]	V alim [V]
3.386	4.53	284.8	4.206	20.56	1014.4	11.69
3.397	4.54	282.4	4.243	20.32	1014.3	11.69
3.401	4.55	281.7	4.278	20.1	1014.1	11.69
3.498	4.68	281.5	4.579	20.36	1013.9	11.69
3.679	4.92	278	4.802	19.75	1014.2	11.68
4.025	5.38	284.3	4.168	20.03	1014.6	11.68
2.624	3.51	303	5.899	20.67	1014.9	11.68
1.855	2.48	345.1	6.849	21.07	1014.9	11.68
1.226	1.64	25.11	7.75	21.39	1014.8	11.68
2.199	2.94	47.38	5.928	21.58	1014.8	11.68
3.316	4.43	74.1	4.552	21.57	1014.8	11.69
3.899	5.21	87.1	3.642	21.63	1014.5	11.69
3.785	5.06	96.5	3.189	21.87	1014.1	11.69
4.002	5.35	113.2	3.268	22.09	1013.7	11.69
3.577	4.78	118.8	3.85	22.37	1013.2	11.7
2.742	3.67	120.4	4.977	22.43	1013	11.7
2.569	3.43	125.6	5.047	22.48	1012.9	11.71
1.241	1.66	126.6	8.27	22.65	1013	11.71
0.737	0.99	136.2	15.29	22.91	1013.2	11.7
0.756	1.01	150.3	16.27	22.06	1013	11.7
2.099	2.81	181	8.68	22.08	1013.4	11.7
3.22	4.30	191.3	4.263	22.52	1013.5	11.69
2.279	3.05	213.9	5.48	22.71	1013.4	11.69
2.341	3.13	295.2	9.35	22.45	1013.2	11.68



GIUGNO 2007

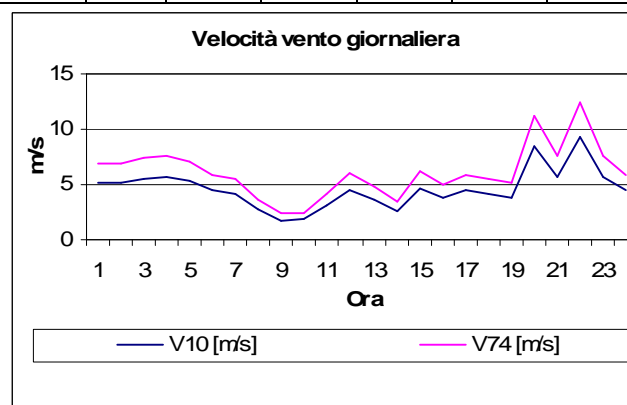
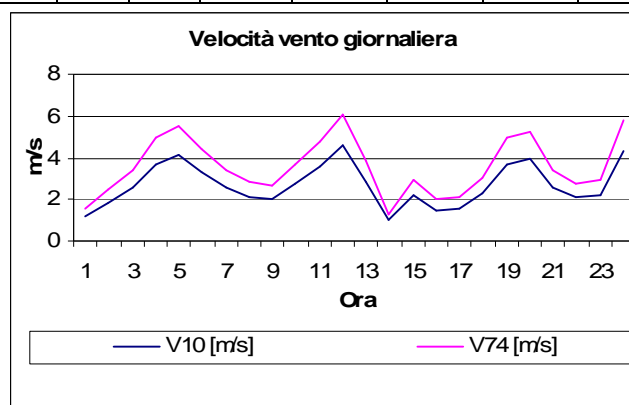
Elaborazioni - EM.ES S.r.L.

giorno 11

giorno 12

ora [h]	V10 [m/s]	V74 [m/s]	Dv [gradi]	SD [gradi]	Ta [°C]	Pa [mbar]	V alim [V]
100	1.18	1.58	314	25.71	22.41	1013	11.68
200	1.87	2.50	284.2	11.14	21.96	1012.7	11.68
300	2.55	3.40	293.5	4.613	21.95	1012.3	11.68
400	3.72	4.98	282.4	3.132	21.62	1012.1	11.68
500	4.12	5.51	283.3	4.411	21.43	1012.1	11.67
600	3.34	4.46	284.8	5.547	21.53	1012.2	11.67
700	2.56	3.42	290.1	5.305	22.36	1012.3	11.67
800	2.12	2.83	265	9.34	23.15	1012.6	11.67
900	2.03	2.71	160.2	4.462	22.92	1012.6	11.67
1000	2.76	3.69	118.2	2.666	23.05	1012.6	11.67
1100	3.59	4.80	102.3	3.86	23.24	1012.8	11.68
1200	4.57	6.10	92.9	3.394	23.42	1012.7	11.68
1300	2.89	3.87	104.5	3.659	23.68	1012.5	11.68
1400	0.99	1.32	108.2	10.84	23.9	1012.5	11.68
1500	2.18	2.92	191.3	10.32	23.89	1012.4	11.68
1600	1.48	1.98	182.7	6.352	24.02	1011.8	11.69
1700	1.58	2.12	160.4	4.369	24.38	1011.4	11.69
1800	2.29	3.06	142.4	8.33	24.28	1011.2	11.69
1900	3.71	4.96	191.7	4.717	24.4	1011.2	11.69
2000	3.91	5.23	220.6	7.95	24.83	1011	11.68
2100	2.53	3.39	254.9	6.449	24.21	1011.3	11.68
2200	2.08	2.78	261.1	8.08	23.68	1011.2	11.68
2300	2.23	2.98	255.7	9.63	23.26	1011.1	11.68
2400	4.37	5.84	276.3	4.346	23.29	1011.1	11.67

V10 [m/s]	V74 [m/s]	Dv [gradi]	SD [gradi]	Ta [°C]	Pa [mbar]	V alim [V]
5.149	6.88	283.6	3.967	23.12	1010.9	11.67
5.159	6.90	279.8	3.884	22.68	1010.6	11.67
5.592	7.48	282.3	3.319	22.45	1010.2	11.66
5.693	7.61	280.6	3.66	22.32	1009.9	11.66
5.339	7.14	278.7	4.095	22.12	1009.8	11.66
4.448	5.95	282.3	4.149	22.08	1010	11.66
4.121	5.51	284.3	3.593	22.59	1010.3	11.66
2.741	3.66	306.9	4.413	23.19	1010.7	11.66
1.798	2.40	316.5	4.418	23.47	1010.7	11.66
1.823	2.44	357.4	5.704	23.72	1010.5	11.66
3.074	4.11	52.98	4.276	23.71	1010.3	11.66
4.466	5.97	85	3.563	23.39	1009.9	11.67
3.636	4.86	107.8	5.057	23.45	1009.4	11.67
2.533	3.39	153.6	7.9	23.47	1009.1	11.67
4.674	6.25	155.6	5.097	23.44	1008.7	11.67
3.721	4.97	149.2	4.446	23.44	1008.1	11.67
4.399	5.88	147.8	4.044	23.41	1007.8	11.67
4.164	5.57	158.2	5.798	23.26	1008	11.67
3.829	5.12	148	5.227	23.34	1008	11.67
8.38	11.20	189.4	10.98	23.26	1008.3	11.66
5.724	7.65	16.86	8.98	22.76	1009.1	11.66
9.26	12.38	33.13	5.344	21.52	1009.8	11.66
5.695	7.61	30.41	8.35	22.2	1010.3	11.65
4.448	5.95	298.6	9	21.82	1010.2	11.65



GIUGNO 2007

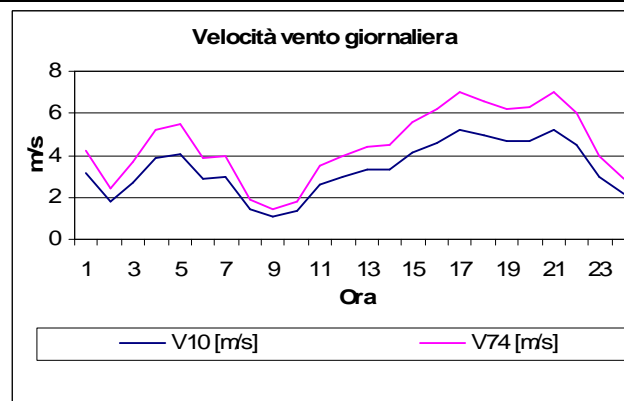
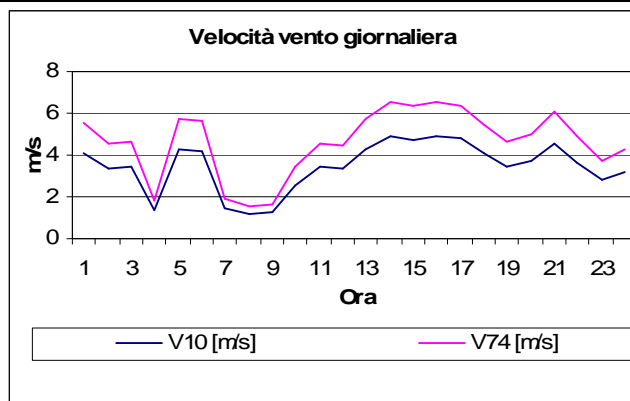
Elaborazioni - EM.ES S.r.L.

giorno 13

giorno 14

ora [h]	V10 [m/s]	V74 [m/s]	Dv [gradi]	SD [gradi]	Ta [°C]	Pa [mbar]	V alim [V]
100	4.12	5.51	254.8	7.32	21.23	1010	11.65
200	3.38	4.52	271.1	7.11	21.03	1009.6	11.65
300	3.47	4.64	260.2	14.02	21.1	1009.3	11.65
400	1.37	1.83	281.1	28.82	21.16	1008.9	11.64
500	4.32	5.77	267.2	5.241	21.22	1008.9	11.64
600	4.21	5.63	271	8.62	20.93	1009.2	11.64
700	1.46	1.95	192.2	18.42	21.75	1009.6	11.64
800	1.18	1.58	158.7	10.97	21.55	1009.8	11.64
900	1.25	1.67	180.5	8.35	22.08	1009.8	11.64
1000	2.59	3.46	155.6	4.461	22.44	1009.7	11.64
1100	3.41	4.56	129.3	3.909	22.81	1009.9	11.65
1200	3.33	4.45	127.6	4.247	22.92	1009.9	11.65
1300	4.28	5.72	120.6	3.717	23.06	1009.6	11.65
1400	4.86	6.50	119.8	3.557	22.95	1009.1	11.65
1500	4.74	6.34	122.9	3.385	22.95	1009	11.66
1600	4.9	6.55	128.7	3.606	23.12	1008.6	11.66
1700	4.78	6.39	151.3	4.429	23.31	1008.6	11.66
1800	4.08	5.46	163.1	3.701	23.53	1008.9	11.66
1900	3.48	4.65	138.9	4.743	23.27	1008.9	11.66
2000	3.71	4.96	124.2	4.384	23.1	1009	11.66
2100	4.57	6.10	135.9	4.214	23.26	1009.4	11.65
2200	3.68	4.91	226.4	9.1	23.08	1009.7	11.65
2300	2.78	3.72	265	7.48	22.38	1009.7	11.65
2400	3.23	4.31	286.2	4.727	22.3	1009.9	11.64

V10 [m/s]	V74 [m/s]	Dv [gradi]	SD [gradi]	Ta [°C]	Pa [mbar]	V alim [V]
3.142	4.20	268.4	7.33	22.38	1009.8	11.64
1.8	2.41	251.2	13.29	22.3	1009.9	11.64
2.741	3.66	277.3	5.215	21.94	1009.8	11.64
3.879	5.19	283.6	5.083	21.56	1009.7	11.63
4.072	5.44	275.2	4.878	21.16	1010.1	11.63
2.886	3.86	274	5.493	21.42	1010.6	11.63
2.989	4.00	283.7	4.475	21.94	1010.8	11.63
1.438	1.92	325.5	9.32	22.7	1011.1	11.63
1.08	1.44	11.98	12.16	22.93	1011.2	11.63
1.33	1.78	93.7	8.96	23.17	1011.4	11.63
2.611	3.49	101.3	6.177	23.17	1011.6	11.63
2.966	3.97	108.2	4.482	23.3	1011.6	11.64
3.297	4.41	132.2	4.757	23.62	1011.4	11.64
3.366	4.50	140.5	3.872	23.71	1011.2	11.64
4.155	5.55	148.6	3.69	23.68	1011	11.65
4.608	6.16	153.5	3.547	23.67	1010.5	11.65
5.216	6.97	149.9	3.038	23.77	1010	11.65
4.941	6.61	144.3	2.675	24.07	1009.8	11.65
4.639	6.20	153	3.743	24.24	1009.9	11.65
4.689	6.27	171.8	3.045	23.76	1010.4	11.65
5.247	7.01	173.3	4.135	23.96	1010.7	11.64
4.536	6.06	175.7	3.887	23.83	1011	11.64
2.944	3.94	200.3	5.391	24.03	1011	11.63
2.136	2.86	228.6	6.724	23.93	1010.7	11.63



GIUGNO 2007

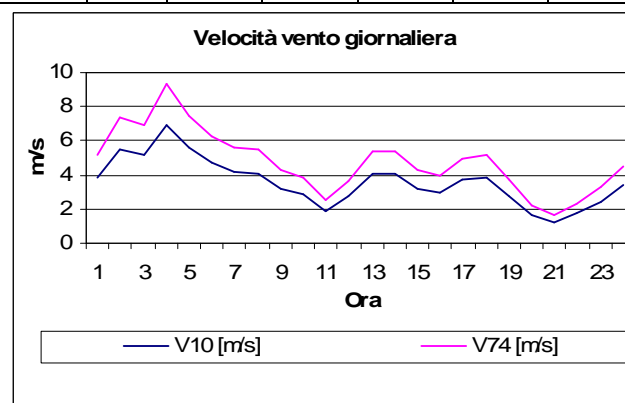
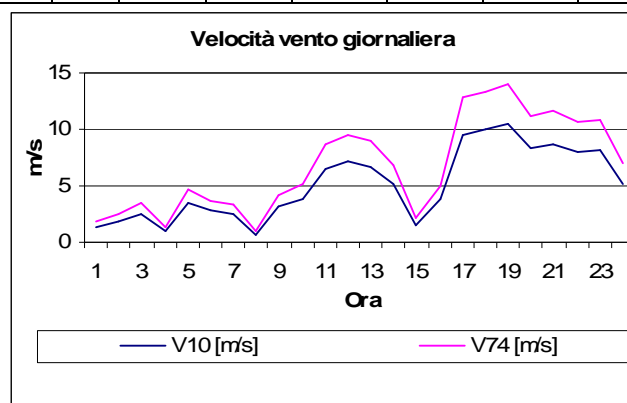
Elaborazioni - EM.ES S.r.L.

giorno 15

giorno 16

ora	V10	V74	Dv	SD	Ta	Pa	V alim
[h]	[m/s]	[m/s]	[gradi]	[gradi]	[°C]	[mbar]	[V]
100	1.4	1.88	212.7	12.92	23.58	1010.4	11.63
200	1.84	2.46	190.3	12.56	23.1	1010.3	11.63
300	2.57	3.43	263	6.203	23.26	1010	11.63
400	0.99	1.33	264.6	15.71	23.02	1010.1	11.62
500	3.53	4.72	274.4	8.58	23.49	1010.2	11.62
600	2.8	3.74	268.6	6.751	23	1010.2	11.62
700	2.47	3.30	280.3	8.93	23.63	1010.4	11.62
800	0.71	0.95	10.83	21.36	24.46	1010.5	11.62
900	3.09	4.13	132.1	3.514	23.77	1010.3	11.62
1000	3.85	5.15	139.6	2.964	23.75	1010.1	11.62
1100	6.45	8.62	136.9	3.367	24.09	1009.6	11.62
1200	7.11	9.51	129	3.256	24.06	1009.3	11.62
1300	6.71	8.96	118.4	3.508	24.29	1008.7	11.63
1400	5.11	6.83	125.5	5.78	24.24	1008.2	11.63
1500	1.58	2.11	133.3	18.44	24.65	1007.8	11.63
1600	3.76	5.03	250	15.63	26.46	1007.2	11.63
1700	9.58	12.81	277.4	3.998	28.4	1006.6	11.63
1800	9.97	13.33	276.2	4.085	27.77	1006.5	11.63
1900	10.5	14.04	271.7	4.032	27.46	1006.6	11.63
2000	8.36	11.18	271.5	3.849	27.05	1007	11.63
2100	8.68	11.60	274.8	3.554	26.61	1007.3	11.62
2200	8.03	10.74	273.9	3.656	26.44	1007.4	11.62
2300	8.11	10.84	276	3.894	26.35	1007.4	11.62
2400	5.23	6.99	282.9	11.11	25.84	1007.4	11.62

V10	V74	Dv	SD	Ta	Pa	V alim
[m/s]	[m/s]	[gradi]	[gradi]	[°C]	[mbar]	[V]
3.837	5.13	276.6	14.14	25.6	1007.2	11.62
5.469	7.31	284.2	6.282	25.1	1007.2	11.61
5.214	6.97	290.8	4.544	24.53	1007.5	11.61
6.972	9.32	285	4.225	24	1007.8	11.61
5.62	7.51	284.1	3.949	23.57	1008.3	11.61
4.672	6.25	285.1	3.7	23.25	1009	11.61
4.157	5.56	286.9	6.153	23.68	1009.4	11.61
4.106	5.49	311.8	3.708	24.27	1010	11.61
3.212	4.29	319.8	3.673	24.14	1010.2	11.61
2.867	3.83	327.1	5.672	24.42	1010.6	11.61
1.887	2.52	36.43	5.653	24.58	1010.8	11.61
2.714	3.63	73.9	4.494	24.39	1010.7	11.61
4.032	5.39	95.4	3.661	24.45	1010.3	11.61
4.022	5.38	103.9	4.253	24.41	1010	11.62
3.208	4.29	114.8	4.629	24.32	1009.6	11.62
2.919	3.90	114.9	4.921	24.34	1009.3	11.62
3.709	4.96	111.7	4.34	24.26	1009.2	11.63
3.844	5.14	119.3	4.154	24.09	1009.1	11.63
2.788	3.73	131.7	4.893	23.9	1009.5	11.62
1.624	2.17	161.4	7.92	23.72	1010.2	11.62
1.242	1.66	252.3	6.437	23.41	1011	11.61
1.73	2.31	256.9	5.528	23.51	1011.3	11.61
2.446	3.27	266	4.817	23.45	1011.4	11.61
3.376	4.51	273.9	4.5	23.39	1011.4	11.6



GIUGNO 2007

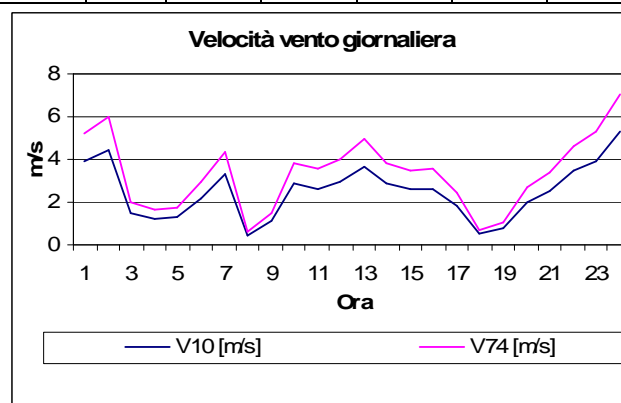
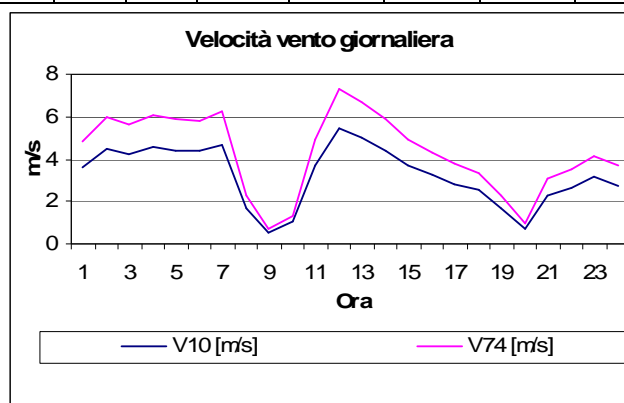
Elaborazioni - EM.ES S.r.L.

giorno 17

giorno 18

ora [h]	V10 [m/s]	V74 [m/s]	Dv [gradi]	SD [gradi]	Ta [°C]	Pa [mbar]	V alim [V]
100	3.63	4.86	278.5	4.294	23.31	1011.2	11.6
200	4.49	6.00	277.5	4.935	23.22	1011.2	11.6
300	4.21	5.62	289.1	4.395	23.06	1011.3	11.6
400	4.57	6.10	282.2	3.534	22.49	1011.6	11.59
500	4.42	5.91	284.5	3.735	22.29	1011.7	11.59
600	4.37	5.84	285.4	4.766	22.29	1011.9	11.59
700	4.69	6.27	286.2	4.371	22.76	1012.4	11.59
800	1.68	2.25	328.6	7.69	23.5	1013	11.59
900	0.56	0.74	358.1	7.46	23.87	1013.1	11.59
1000	1.01	1.35	98.7	14.97	24.28	1013	11.59
1100	3.69	4.94	69.93	4.958	24.11	1013.2	11.59
1200	5.47	7.31	78.3	3.07	23.88	1013.3	11.6
1300	5.02	6.71	86.5	3.323	24.09	1013.2	11.6
1400	4.41	5.89	103	3.441	24.47	1013.2	11.6
1500	3.67	4.91	116.7	3.713	24.6	1013.1	11.6
1600	3.26	4.35	117.9	4.188	24.71	1013	11.61
1700	2.85	3.80	122.1	4.074	24.84	1012.8	11.61
1800	2.51	3.36	138.4	4.114	24.78	1012.9	11.61
1900	1.7	2.27	151.7	6.116	24.54	1013.3	11.61
2000	0.72	0.96	202	7.63	24.17	1013.7	11.6
2100	2.31	3.09	178.8	4.202	24.11	1013.8	11.6
2200	2.6	3.48	193.2	7.62	24.14	1013.9	11.59
2300	3.12	4.17	211.7	4.296	24.07	1013.6	11.59
2400	2.74	3.66	209.2	4.388	23.86	1013.4	11.59

V10 [m/s]	V74 [m/s]	Dv [gradi]	SD [gradi]	Ta [°C]	Pa [mbar]	V alim [V]
3.91	5.23	205.2	4.895	23.63	1013.1	11.59
4.474	5.98	211.3	3.827	23.45	1012.4	11.58
1.509	2.02	228	14.63	23.24	1012.3	11.58
1.209	1.62	178.6	21.22	23.09	1012	11.58
1.284	1.72	188.2	16.98	23.01	1012.4	11.58
2.205	2.95	274	6.028	22.46	1012.6	11.58
3.262	4.36	290.2	4.556	23.21	1013	11.57
0.473	0.63	276.2	14.94	24.6	1013.2	11.57
1.136	1.52	100.4	8.34	24.24	1013.2	11.58
2.882	3.85	110.8	4.94	24.02	1013.2	11.58
2.646	3.54	112.4	5.093	24.11	1013.3	11.58
2.993	4.00	97.7	5.246	24.51	1013.7	11.58
3.691	4.93	105.3	3.446	24.91	1013.8	11.58
2.831	3.78	111.3	4.87	25.16	1014	11.59
2.589	3.46	115.6	5.513	25.25	1014.1	11.59
2.652	3.55	114.1	6.698	25.24	1014.2	11.6
1.816	2.43	104.2	12.83	25.41	1014.2	11.6
0.512	0.68	89.6	11.06	26.2	1014.1	11.6
0.75	1.00	210.9	16.01	26.52	1014.2	11.6
2.006	2.68	160.4	5.887	24.98	1014.2	11.59
2.515	3.36	178.4	4.881	25	1014.4	11.59
3.451	4.61	177.6	4.106	24.96	1014.3	11.59
3.94	5.27	194.2	4.194	25.07	1014.1	11.58
5.292	7.07	200.8	3.39	25.14	1013.6	11.58



GIUGNO 2007

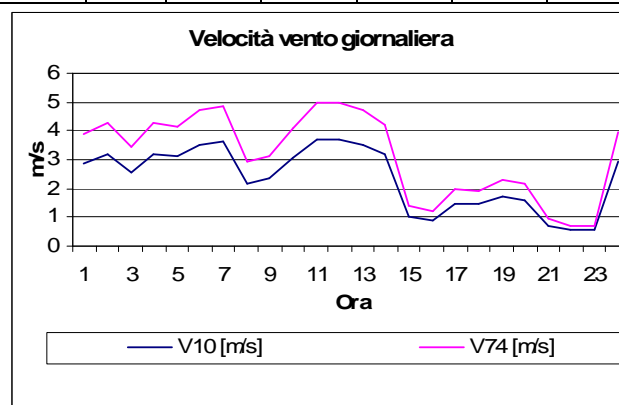
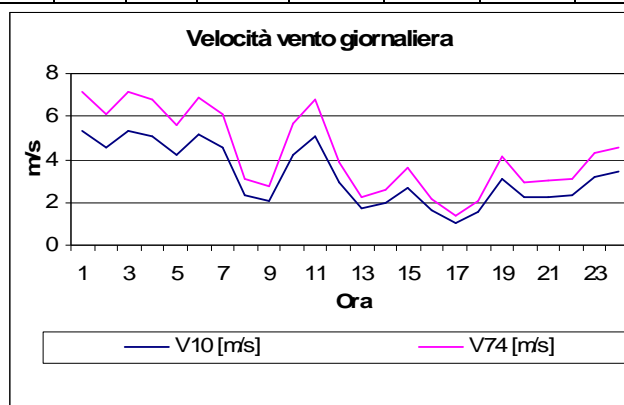
Elaborazioni - EM.ES S.r.L.

giorno 19

giorno 20

ora [h]	V10 [m/s]	V74 [m/s]	Dv [gradi]	SD [gradi]	Ta [°C]	Pa [mbar]	V alim [V]
100	5.35	7.15	186.4	4.166	25.15	1013.1	11.57
200	4.58	6.12	175.7	3.282	24.34	1012.9	11.57
300	5.35	7.15	160.7	3.622	24.32	1012.7	11.57
400	5.06	6.77	176.9	4.629	24.35	1013.1	11.57
500	4.21	5.63	282.4	8.67	24.13	1013.5	11.57
600	5.13	6.86	345.7	5.006	23.76	1014	11.57
700	4.54	6.07	346.3	4.464	23.84	1014.4	11.56
800	2.3	3.08	335.9	5.419	24.23	1014.3	11.56
900	2.05	2.74	37.51	5.684	24.3	1013.9	11.56
1000	4.25	5.68	57.67	3.159	24.2	1013.8	11.56
1100	5.11	6.82	66.55	3.14	24.25	1013.7	11.57
1200	2.9	3.88	83.5	6.997	24.71	1013.6	11.57
1300	1.7	2.27	153.4	8.3	25.39	1013.2	11.57
1400	1.94	2.59	148.7	12.6	25.64	1012.9	11.57
1500	2.67	3.57	141.7	5.81	25.83	1012.6	11.57
1600	1.62	2.16	118.9	17.38	25.83	1012.6	11.58
1700	1.05	1.40	73.6	16.8	25.7	1012.5	11.58
1800	1.52	2.03	7.12	24.79	26.03	1012.3	11.58
1900	3.11	4.16	46.79	5.24	25.55	1012.6	11.58
2000	2.2	2.94	10.03	11.23	25.27	1012.8	11.57
2100	2.23	2.98	27.11	9.05	25.15	1013.3	11.57
2200	2.31	3.09	349.4	7.08	24.92	1013.4	11.56
2300	3.22	4.30	346.3	4.747	24.87	1013.3	11.56
2400	3.4	4.55	339.1	4.621	24.57	1013.2	11.56

V10 [m/s]	V74 [m/s]	Dv [gradi]	SD [gradi]	Ta [°C]	Pa [mbar]	V alim [V]
2.9	3.88	321.6	7.71	24.2	1013.2	11.55
3.198	4.28	311.9	8.76	24.03	1013	11.55
2.575	3.44	307.3	7.95	23.72	1013.1	11.55
3.2	4.28	295.9	6.647	23.58	1012.9	11.55
3.116	4.17	286.1	4.984	23.04	1013.1	11.55
3.537	4.73	284.5	4.025	22.99	1013.2	11.55
3.621	4.84	289.1	3.279	23.5	1013	11.55
2.189	2.93	308.9	11.12	24.4	1013.1	11.54
2.341	3.13	40.07	5.638	24.48	1013	11.55
3.059	4.09	79.4	4.523	24.49	1012.7	11.55
3.708	4.96	86	3.63	24.55	1012.7	11.55
3.716	4.97	89.1	4.324	24.64	1012.4	11.55
3.537	4.73	97.7	4.442	24.95	1012	11.55
3.166	4.23	113.5	4.833	25.14	1011.5	11.55
1.037	1.39	119.3	9.15	25.65	1011.2	11.56
0.917	1.23	119.3	10.71	26.27	1011.1	11.57
1.486	1.99	118.5	7.33	26.39	1010.8	11.57
1.44	1.93	85.4	7.13	26.26	1010.6	11.57
1.717	2.30	71.6	7.03	25.99	1010.6	11.57
1.616	2.16	95	7.9	25.53	1010.4	11.56
0.702	0.94	131.1	5.289	25.31	1010.5	11.56
0.548	0.73	112.6	12.32	25.18	1010.5	11.55
0.549	0.73	315	14.1	25.06	1010.3	11.55
2.967	3.97	348.5	5.721	25.11	1010.4	11.55



GIUGNO 2007

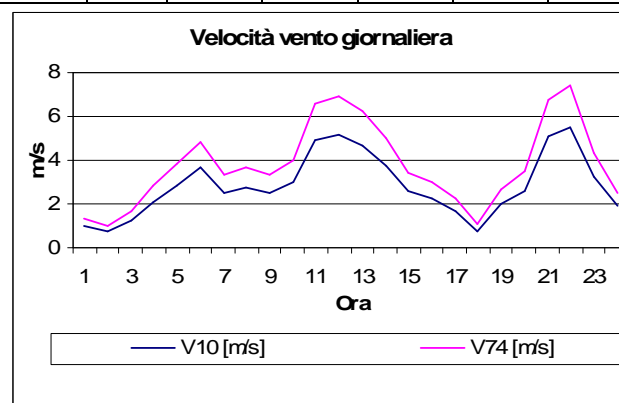
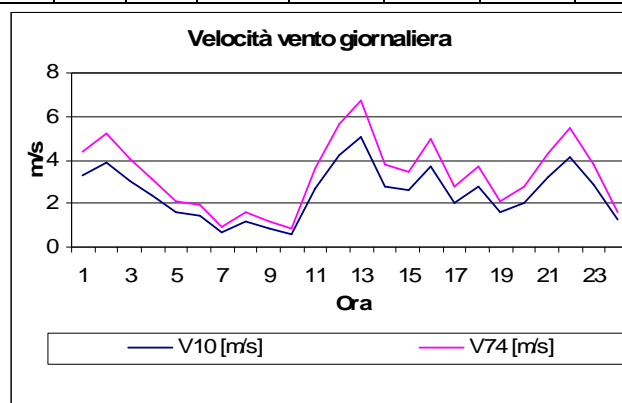
Elaborazioni - EM.ES S.r.L.

giorno 21

giorno 22

ora [h]	V10 [m/s]	V74 [m/s]	Dv [gradi]	SD [gradi]	Ta [°C]	Pa [mbar]	V alim [V]
100	3.31	4.42	353.9	5.115	24.85	1010.5	11.54
200	3.9	5.21	351.3	4.602	24.65	1010.4	11.54
300	3.04	4.07	336	5.676	24.64	1010.2	11.54
400	2.33	3.11	281.3	6.212	24.19	1009.9	11.54
500	1.59	2.13	279	6.407	24.04	1010.1	11.53
600	1.46	1.95	286.6	6.104	24.44	1010.3	11.53
700	0.68	0.91	291.3	14.76	25.23	1010.8	11.53
800	1.22	1.63	317.1	7.29	25.33	1011.1	11.53
900	0.86	1.15	82.7	16.88	25.82	1010.8	11.53
1000	0.61	0.82	154.4	19.66	26.16	1010.7	11.53
1100	2.7	3.61	103.1	4.776	25.95	1010.4	11.54
1200	4.22	5.64	104.4	3.562	26.2	1010.2	11.54
1300	5.01	6.70	106.6	5	26.27	1009.9	11.54
1400	2.8	3.75	151.3	5.528	26.41	1009.9	11.54
1500	2.58	3.45	152.3	5.081	26.53	1009.6	11.55
1600	3.7	4.95	163.6	4.219	26.48	1009.2	11.55
1700	2.06	2.75	161.5	5.007	26.87	1009.1	11.55
1800	2.79	3.73	144.9	14.83	27.46	1009.2	11.55
1900	1.59	2.13	52.42	10.91	27.2	1009.4	11.55
2000	2.06	2.75	7.86	6.554	26.7	1009.5	11.55
2100	3.2	4.28	1.031	6.723	26.49	1010	11.54
2200	4.1	5.47	328.6	14.99	26.44	1010.4	11.54
2300	2.86	3.82	33.55	9.96	26.26	1011.1	11.53
2400	1.23	1.64	291.5	13.97	25.95	1011.4	11.53

V10 [m/s]	V74 [m/s]	Dv [gradi]	SD [gradi]	Ta [°C]	Pa [mbar]	V alim [V]
0.991	1.32	276	16.43	25.69	1011.5	11.53
0.772	1.03	289.9	15.96	25.48	1011.2	11.53
1.251	1.67	21.14	12.99	25.28	1011.1	11.52
2.111	2.82	311.7	12.09	25	1011.3	11.52
2.842	3.80	290	8.41	24.78	1011.4	11.52
3.645	4.87	283.3	6.523	24.38	1011.6	11.52
2.473	3.31	310.4	6.191	25.37	1011.8	11.52
2.726	3.64	325.3	5.849	25.78	1012	11.52
2.518	3.37	2.888	6.247	26.19	1012.1	11.52
3.001	4.01	60.58	6.982	26.6	1012.2	11.52
4.91	6.56	90.6	3.558	25.88	1011.8	11.52
5.151	6.89	103	3.519	25.81	1011.5	11.52
4.654	6.22	109.7	4.521	25.88	1011.3	11.52
3.737	5.00	87.3	5.077	26.09	1011.5	11.52
2.584	3.45	86.6	9.99	26.28	1011.4	11.53
2.214	2.96	112.1	12.9	26.48	1011.1	11.53
1.703	2.28	144.8	14.26	26.49	1010.8	11.53
0.781	1.04	157.3	22.94	26.88	1010.5	11.53
2.02	2.70	43.67	17.34	26.51	1010.2	11.53
2.605	3.48	120	11.4	26.03	1009.9	11.53
5.062	6.77	184.1	4.465	25.96	1009.4	11.52
5.522	7.38	185.1	5.118	26.35	1009	11.52
3.245	4.34	213.3	20.69	28.72	1008.9	11.51
1.883	2.52	310.1	26.67	29.87	1008.9	11.51



GIUGNO 2007

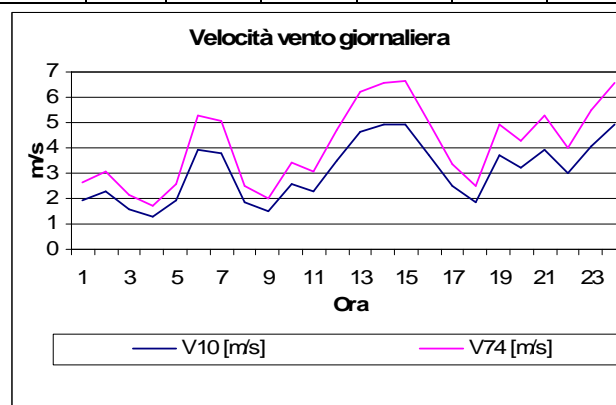
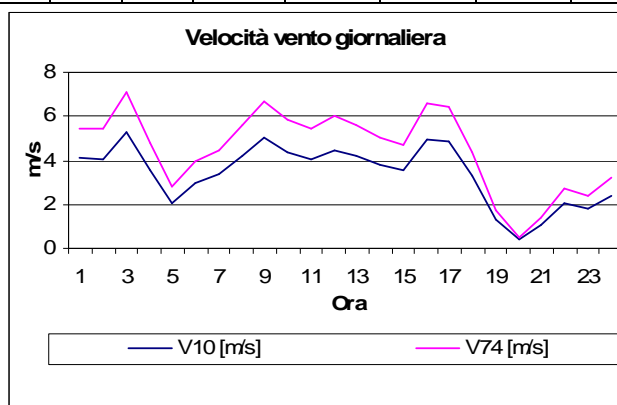
Elaborazioni - EM.ES S.r.L.

giorno 23

giorno 24

ora [h]	V10 [m/s]	V74 [m/s]	Dv [gradi]	SD [gradi]	Ta [°C]	Pa [mbar]	V alim [V]
100	4.09	5.47	288.9	7.96	30.01	1008.6	11.51
200	4.05	5.41	294.1	8.35	29.67	1008.8	11.51
300	5.31	7.09	356.7	8.18	26.76	1009.2	11.51
400	3.57	4.77	20	6.766	25.94	1009.5	11.51
500	2.1	2.81	0.926	7.91	25.79	1010.2	11.51
600	2.94	3.93	338.3	5.965	25.84	1011.2	11.5
700	3.36	4.49	312.7	6.322	26	1011.8	11.5
800	4.18	5.58	40.8	8.7	26.55	1012.7	11.5
900	5	6.68	88.6	4.266	26.66	1012.8	11.5
1000	4.39	5.87	110.8	4.56	26.56	1012.7	11.5
1100	4.08	5.45	107.5	4.763	26.58	1012.8	11.5
1200	4.49	6.00	113.2	4.698	26.55	1012.6	11.5
1300	4.19	5.60	107.5	6.147	26.76	1012.2	11.51
1400	3.78	5.05	115	7.41	26.83	1011.8	11.51
1500	3.54	4.73	128.3	7.67	26.54	1011.4	11.51
1600	4.95	6.62	112.1	5.727	26.31	1011.3	11.52
1700	4.83	6.45	106.2	4.96	26.3	1011.6	11.52
1800	3.28	4.39	108.3	6.854	26.7	1012	11.52
1900	1.32	1.76	114.7	13.36	26.99	1012.2	11.51
2000	0.4	0.53	196.9	25.55	26.55	1012.5	11.51
2100	1.07	1.43	266.5	9.12	26.33	1013.1	11.5
2200	2.06	2.75	272.2	6.013	26.13	1013.6	11.5
2300	1.79	2.39	276.6	7.87	25.77	1013.7	11.5
2400	2.39	3.19	291.8	7.01	25.06	1013.9	11.49

V10 [m/s]	V74 [m/s]	Dv [gradi]	SD [gradi]	Ta [°C]	Pa [mbar]	V alim [V]
1.953	2.61	279.4	9.15	24.67	1013.9	11.49
2.302	3.08	288.9	7.7	24.77	1013.8	11.49
1.603	2.14	321.7	10.64	24.55	1014	11.48
1.278	1.71	302.6	10.91	24.62	1014.4	11.48
1.918	2.56	307.6	12.86	24.39	1014.8	11.48
3.943	5.27	318	8.41	24.46	1015.3	11.48
3.8	5.08	276.9	5.001	24.37	1015.8	11.48
1.875	2.51	288.3	11.3	25.44	1015.9	11.48
1.508	2.02	64.58	16.63	25.64	1016.1	11.48
2.554	3.41	87.1	8.06	25.55	1015.9	11.48
2.312	3.09	118.8	7.2	25.74	1015.7	11.48
3.516	4.70	127.9	5.492	25.62	1015.5	11.48
4.661	6.23	110	4.859	25.74	1015.2	11.48
4.894	6.54	127.4	4.917	26.14	1014.8	11.49
4.961	6.63	128.7	4.592	26.36	1014.4	11.49
3.747	5.01	120.6	8.99	26.48	1014.7	11.49
2.519	3.37	180.5	5.965	26.39	1014.1	11.49
1.848	2.47	173.7	13.56	26.38	1013.6	11.48
3.704	4.95	183.7	6.938	26.49	1012.9	11.48
3.18	4.25	142.5	6.467	26.4	1012.8	11.48
3.958	5.29	101	6.645	26.19	1012.7	11.48
3.016	4.03	69	11.7	26.45	1012.7	11.47
4.093	5.47	357.6	6.457	26.4	1012.8	11.47
4.942	6.61	335.2	4.105	25.89	1012.5	11.47



GIUGNO 2007

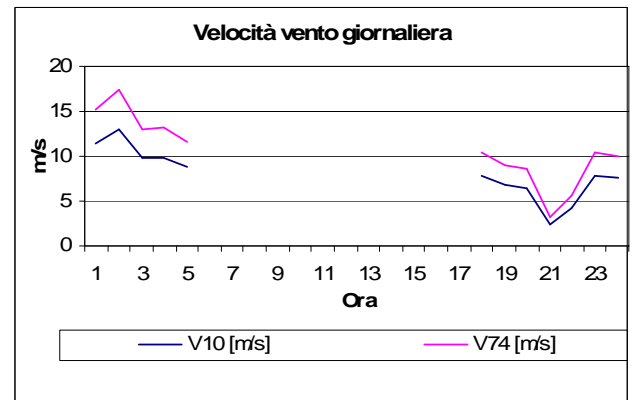
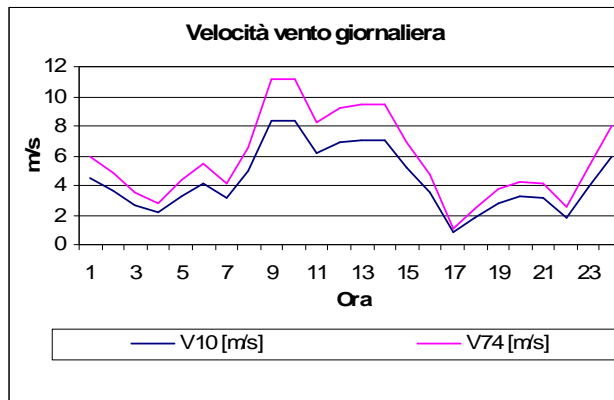
Elaborazioni - EM.ES S.r.L.

giorno 25

ora	V10	V74	Dv	SD	Ta	Pa	V alim
[h]	[m/s]	[m/s]	[gradi]	[gradi]	[°C]	[mbar]	[V]
100	4.44	5.93	343.8	6.702	25.54	1012.2	11.46
200	3.64	4.86	342.9	11.06	25.41	1011.8	11.46
300	2.63	3.52	258.2	10.91	25.2	1011	11.46
400	2.13	2.85	157.7	29.84	25.21	1010.7	11.46
500	3.27	4.37	195.8	10.52	26.51	1009.3	11.46
600	4.12	5.51	44.47	28.67	27.3	1009.8	11.45
700	3.12	4.17	78.8	18.01	26.13	1009.8	11.45
800	4.93	6.60	201.4	9.09	27.61	1008.8	11.45
900	8.38	11.20	256	6.049	33.37	1007.5	11.45
1000	8.33	11.14	293.8	8.54	33.79	1007.6	11.45
1100	6.18	8.26	5.261	4.574	26.72	1007.9	11.46
1200	6.88	9.20	20.23	5.92	26.28	1008.1	11.46
1300	7.07	9.45	25.7	5.11	26.25	1007.9	11.45
1400	7.05	9.43	15.23	3.986	26.32	1007.7	11.45
1500	5.2	6.95	12.89	5.364	26.47	1007.5	11.45
1600	3.57	4.77	18.18	6.078	26.72	1007	11.45
1700	0.85	1.14	72.8	21.22	27.51	1006.3	11.45
1800	1.79	2.39	71.9	12.23	27.23	1005.9	11.45
1900	2.78	3.72	19.95	9.05	27.05	1006.1	11.45
2000	3.22	4.30	357	7.35	26.65	1006.2	11.44
2100	3.1	4.15	14.05	9.38	26.6	1006.4	11.42
2200	1.87	2.50	1.054	21.9	26.63	1006.5	11.4
2300	3.94	5.26	283.8	10.73	30.3	1006.3	11.19
2400	5.95	7.95	271.8	7.19	31.12	1005.8	10.5

giorno 26

V10	V74	Dv	SD	Ta	Pa	V alim
[m/s]	[m/s]	[gradi]	[gradi]	[°C]	[mbar]	[V]
11.38	15.21	263.4	4.389	30.69	1004.7	10.34
13.08	17.49	267.6	4.376	30.57	1004	10.15
9.73	13.01	269	3.538	30.25	1003.8	9.98
9.84	13.16	267.7	4.635	30.61	1003.5	9.82
8.74	11.68	278.7	4.034	29.47	1003.7	9.62
7.81	10.44	275.8	6.116	29.48	1003.9	9.53
6.761	9.04	280.9	4.931	29.09	1004.3	9.42
6.395	8.55	295.5	4.682	29.36	1004.4	9.43
2.333	3.12	223.5	18.86	30.42	1004.6	9.42
4.224	5.65	56.79	14.29	29.45	1004.9	9.47
7.73	10.33	94.2	4.1	28.08	1004.6	9.44
7.51	10.04	99.5	5.77	28.12	1004.6	9.44



GIUGNO 2007

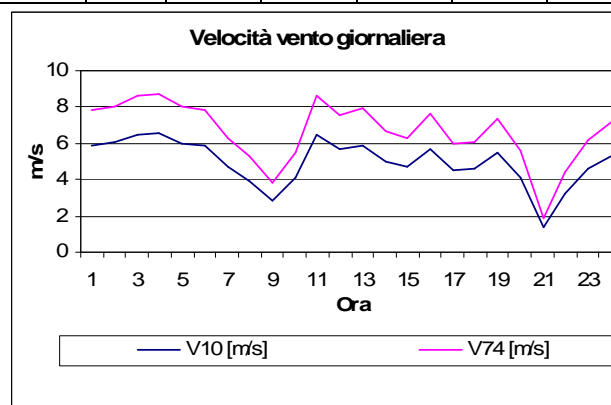
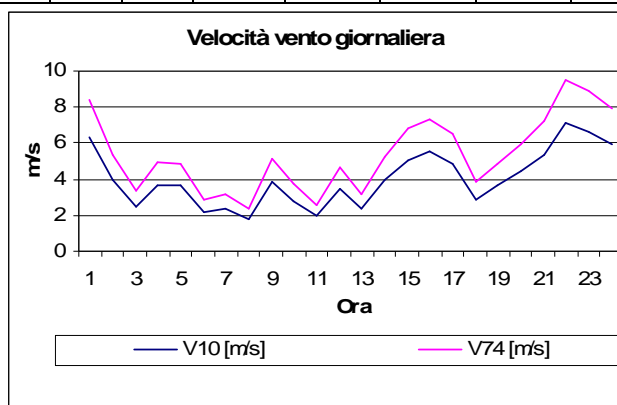
Elaborazioni - EM.ES S.r.L.

giorno 27

giorno 28

ora [h]	V10 [m/s]	V74 [m/s]	Dv [gradi]	SD [gradi]	Ta [°C]	Pa [mbar]	V alim [V]
100	6.32	8.45	103.2	4.684	27.67	1004.7	9.49
200	3.98	5.32	88.3	7.74	27.65	1004.7	9.51
300	2.49	3.33	120.7	8.24	27.79	1004.5	9.5
400	3.71	4.95	105.9	7.33	27.69	1003.8	9.5
500	3.65	4.88	103.3	6.933	28.21	1003.9	9.54
600	2.14	2.86	67.84	12.46	28.64	1004	9.49
700	2.39	3.19	321.6	16.98	28	1004.3	9.48
800	1.78	2.38	222.7	21.69	27.39	1003.2	9.47
900	3.83	5.12	212.4	10.01	27.26	1002.2	9.47
1000	2.79	3.73	275.4	12.65	27.28	1002.8	9.47
1100	1.96	2.62	27.37	11.48	26.74	1003	9.49
1200	3.47	4.64	118.3	8.16	26.13	1002.9	9.53
1300	2.34	3.12	124.5	11.33	25.87	1002.9	9.47
1400	3.93	5.25	76.9	23.89	26.52	1002.8	9.46
1500	5.08	6.79	80.5	5.03	25.7	1003.4	9.47
1600	5.51	7.37	59.51	5.064	24.97	1004.2	9.49
1700	4.87	6.51	53.41	6.393	25.01	1004.7	9.53
1800	2.92	3.90	71.2	8.29	25.31	1005.3	9.51
1900	3.63	4.85	101.1	8.61	25.34	1005.7	9.48
2000	4.44	5.94	107.5	9.61	25.18	1006	9.49
2100	5.4	7.21	106.5	7.29	25	1006	9.52
2200	7.08	9.47	91.2	6.61	24.79	1006	9.54
2300	6.68	8.93	88.7	5.733	24.61	1006.3	9.52
2400	5.96	7.96	100.3	7.49	24.62	1006.4	9.48

V10 [m/s]	V74 [m/s]	Dv [gradi]	SD [gradi]	Ta [°C]	Pa [mbar]	V alim [V]
5.837	7.80	114.8	7.88	24.71	1006.2	9.48
6.049	8.09	112.6	7.16	24.73	1006	9.49
6.446	8.62	116.5	6.305	24.79	1005.8	9.5
6.538	8.74	119.5	6.281	24.95	1005.7	9.53
6.021	8.05	111.7	6.488	24.97	1005.7	9.54
5.898	7.89	118.8	6.195	24.85	1005.5	9.48
4.669	6.24	129.4	7.27	24.79	1005.7	9.46
3.924	5.25	144	8.29	24.78	1005.7	9.45
2.863	3.83	150.4	11.64	24.83	1006	9.44
4.129	5.52	266.4	10.28	24.95	1006.6	9.44
6.451	8.62	294.5	4.77	24.62	1007.1	9.43
5.66	7.57	303.1	6.083	24.41	1007.5	9.43
5.93	7.93	291.2	5.526	24.19	1007.7	9.43
4.959	6.63	292.9	6.553	23.61	1008.1	9.44
4.683	6.26	275	6.775	23	1008.6	9.44
5.69	7.61	284.3	5.888	22.31	1009.2	9.49
4.485	6.00	304.4	15.42	22.76	1009.9	9.5
4.562	6.10	292	14.9	22.38	1010.3	9.49
5.484	7.33	284.6	5.14	22.13	1010.7	9.45
4.157	5.56	291.6	8.26	23.17	1011.2	9.43
1.421	1.90	319.2	27.12	23.97	1011.7	9.43
3.274	4.38	55.79	24.17	23.98	1012	9.46
4.631	6.19	63.6	9.15	23.8	1012.4	9.48
5.32	7.11	74.6	7.33	23.74	1012.4	9.51



GIUGNO 2007

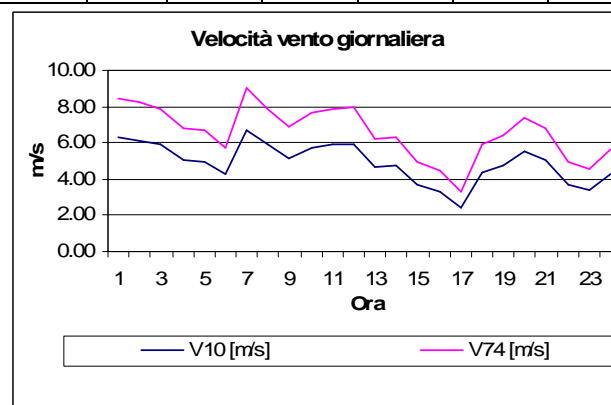
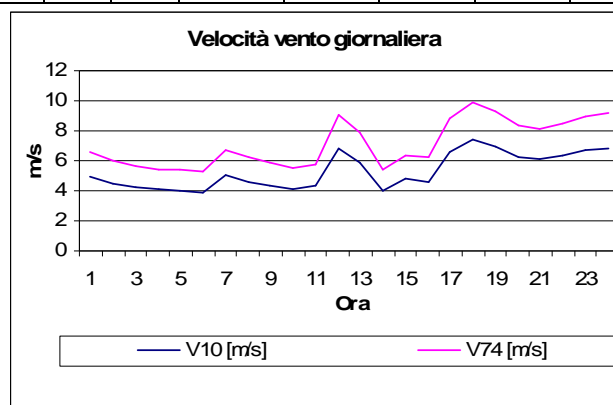
Elaborazioni - EM.ES S.r.L.

giorno 29

giorno 30

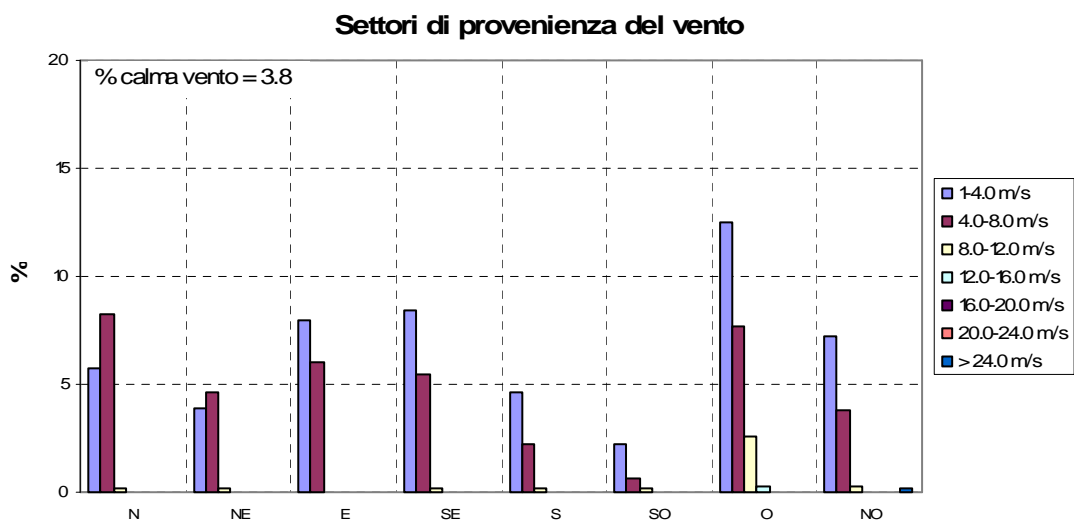
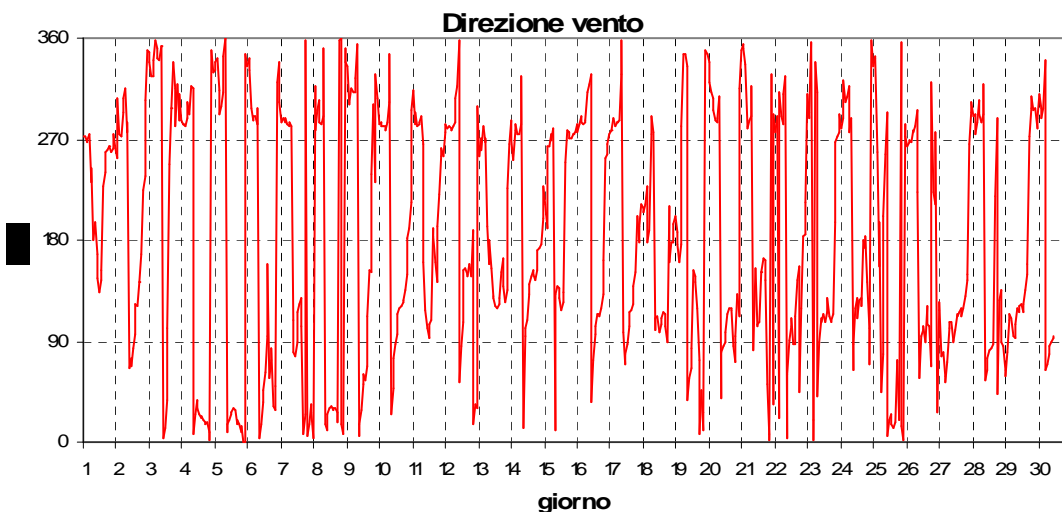
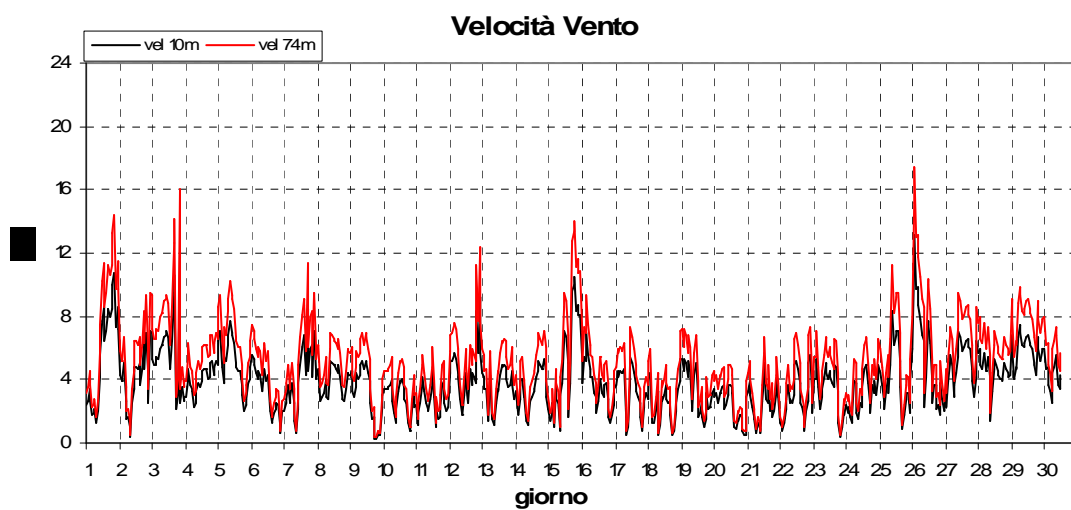
ora	V10	V74	Dv	SD	Ta	Pa	V alim
[h]	[m/s]	[m/s]	[gradi]	[gradi]	[°C]	[mbar]	[V]
100	4.9	6.55	81.4	8.08	23.87	1012.5	9.5
200	4.51	6.03	83.5	8.98	23.98	1012.5	9.49
300	4.23	5.66	86.5	8.98	24.07	1012.4	9.48
400	4.09	5.47	88.6	8.49	24.15	1012.2	9.47
500	4.01	5.37	219.77	9.65	26.02	1012.2	9.47
600	3.92	5.25	289.51	12.20	26.05	1012.2	9.47
700	5.05	6.75	42.29	11.07	25.54	1011.9	9.49
800	4.63	6.19	125.99	7.87	24.96	1011.9	9.53
900	4.40	5.88	136.11	10.93	24.71	1011.9	9.47
1000	4.11	5.50	89.60	23.04	25.33	1011.9	9.46
1100	4.32	5.77	85.59	4.85	24.56	1011.8	9.47
1200	6.77	9.04	64.13	4.89	23.88	1011.5	9.49
1300	5.89	7.88	58.58	6.18	23.93	1011.2	9.53
1400	4.05	5.41	80.30	8.01	24.23	1011.3	9.51
1500	4.79	6.40	108.19	8.33	24.27	1011.3	9.48
1600	4.64	6.20	113.26	9.30	24.12	1010.8	9.49
1700	6.63	8.87	111.19	7.05	23.95	1010.8	9.52
1800	7.39	9.88	94.74	6.39	23.75	1010.5	9.54
1900	6.97	9.31	92.41	5.55	23.59	1009.9	9.52
2000	6.21	8.31	104.48	7.25	23.60	1010.0	9.48
2100	6.09	8.14	119.08	7.62	23.68	1009.7	9.48
2200	6.31	8.44	116.73	6.93	23.69	1009.0	9.49
2300	6.73	9.00	120.38	6.10	23.75	1008.8	9.50
2400	6.83	9.13	123.35	6.07	23.90	1008.5	9.53

V10	V74	Dv	SD	Ta	Pa	V alim
[m/s]	[m/s]	[gradi]	[gradi]	[°C]	[mbar]	[V]
6.29	8.40	115.88	6.27	23.92	1007.0	9.54
6.16	8.23	123.05	5.99	23.80	1007.4	9.48
5.87	7.85	134.76	7.03	23.74	1007.4	9.46
5.10	6.81	150.39	8.02	23.73	1008.0	9.45
4.99	6.67	159.36	11.26	23.79	1008.2	9.44
4.31	5.76	273.09	9.95	23.92	1008.2	9.44
6.73	8.99	298.34	4.62	23.61	1008.7	9.43
5.90	7.89	307.46	5.89	23.42	1008.9	9.43
5.18	6.92	295.31	5.35	23.22	1009.1	9.43
5.77	7.71	297.71	6.35	22.67	1009.1	9.44
5.88	7.85	280.02	6.57	22.09	1009.4	9.44
5.92	7.91	288.24	5.71	21.44	1009.3	9.49
4.66	6.23	309.82	14.97	21.89	1009.6	9.50
4.74	6.34	297.14	14.47	21.53	1009.9	9.49
3.70	4.94	288.65	5.00	21.30	1010.3	9.45
3.32	4.43	297.27	8.03	22.31	1009.3	9.43
2.47	3.31	339.57	26.38	23.10	1009.9	9.43
4.40	5.88	63.67	23.52	23.11	1010.3	9.46
4.80	6.42	68.81	8.91	22.95	1010.6	9.48
5.52	7.38	79.12	7.14	22.89	1010.6	9.51
5.08	6.79	86.33	7.87	23.02	1010.8	9.50
3.68	4.92	88.92	8.74	23.12	1011.2	9.49
3.39	4.53	92.26	8.74	23.21	1011.1	9.48
4.24	5.67	94.59	8.26	23.28	1011.2	9.47



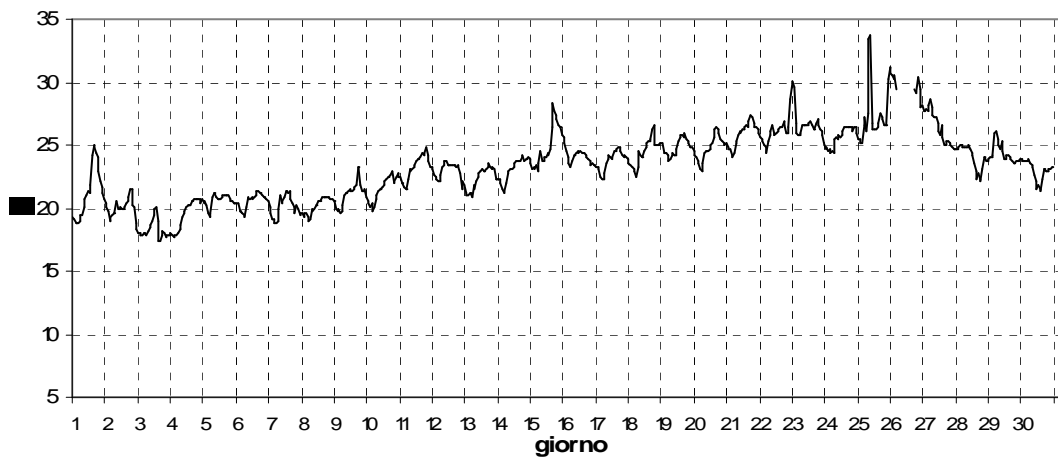
3 Grafici degli andamenti mensili dei parametri misurati

3.1 Grafici dell'andamento dei venti

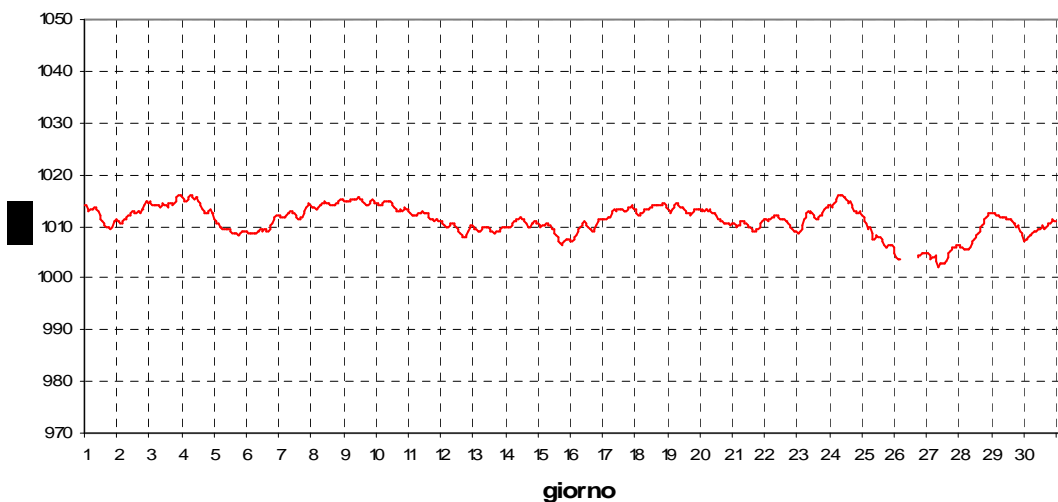


3.2 Grafici delle temperature e della pressione atmosferica

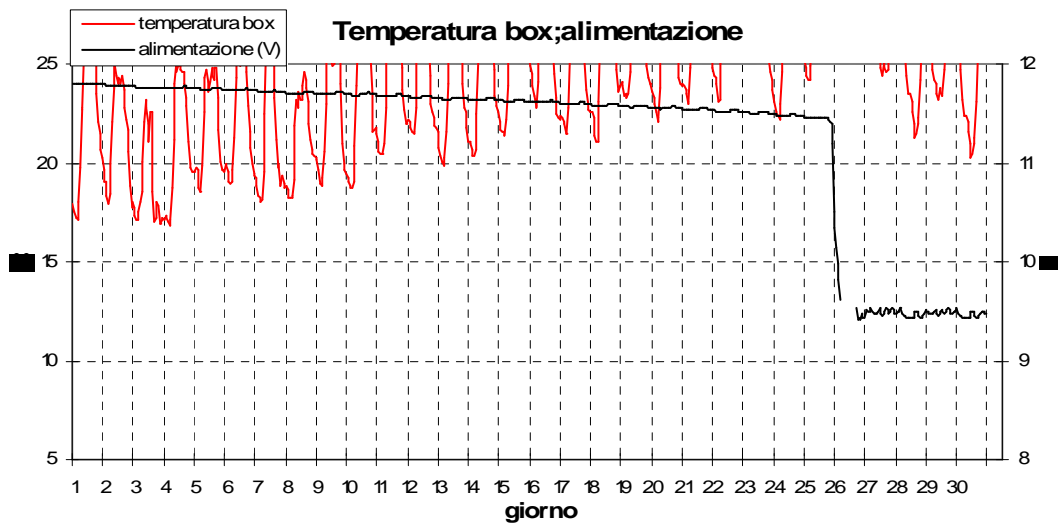
Temperatura aria



Pressione atmosferica



Temperatura box; alimentazione



Eco Meteo Electronic System & Services



EFFEVENTI S.r.L.
Stazione meteorologica su meda
Rapporto mensile Luglio 2007

EM.ES S.r.L
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Stazione meteorologica su Meda
Rapporto mensile
Luglio 2007

0	03-07-2007	Emesso per controllo e/o approvazione	R.Materni	L.Berretta	F.Cecchi	
Rev	Data	Descrizione	Elaborato	Verificato	Approvato	Approvazione cliente

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3.1	Grafici dell'andamento dei venti.....	23
3.2	Grafici delle temperature e della pressione atmosferica	24

1 Relazione

1.1 Descrizione generale della stazione

La stazione meteorologica, posizionata al largo della costa di Termoli, consta della seguente strumentazione:

- Anemometro modello RM Young Wind Sentry Set
- Sensore temperatura dell'aria modello CSI107L con schermo antiradiazione solare a 6 piatti
- Sensore pressione barometrica modello Vaisala PTB101B
- Acquisitore dati modello CSI CR510.

La stazione è alimentata da una coppia di pannelli solari per complessivi 50W unitamente a due batterie Dryfit per complessivi 80Ah. La stazione è installata su una meda modello Floatex posizionata su un fondale di circa 20 metri.

1.2 Modalità di campionamento dei dati

La stazione è programmata per eseguire automaticamente le seguenti misure:

- Velocità del vento
- Direzione del vento
- Standard deviation
- Temperatura dell'aria
- Pressione atmosferica
- Temperatura interna del contenitore apparati
- Valore di carica delle batterie.

L'acquisitore dati CR510 acquisisce le misure istantanee con cadenza 10s allocandole in memoria all'interno di una matrice bidimensionale. I parametri acquisiti subiscono un primo processo di validazione atto a verificare la bontà del dato acquisito mediante un algoritmo sviluppato da EM.ES S.r.L. al termine di ogni ora i dati nella matrice vengono elaborati al fine di ottenere le uscite orarie sopra descritte. I parametri quindi vengono memorizzati in una memoria ciclica in formato ASCII comma delineated. I dati così memorizzati vengono recuperati dal CED EM.ES S.r.L. con cadenza giornaliera alle ore 08.30 e memorizzati in files mensili denominati MESE_ANNO.DAT dopo aver subito un secondo processo di validazione finalizzato ad individuare eventuali incongruenze o eventuali malfunzionamenti strumentali.

1.3 Note relative al mese di Luglio 2007

Il mese di Giugno è stato caratterizzato da venti uniformemente distribuiti con prevalenza dal settore Est. In particolare le prime due settimane hanno visto una particolare ventosità sul sito con punte massime abbastanza elevate. Le ultime due settimane sono state caratterizzate da un'alternanza di vento forte e giornate di bonaccia.

Dal punto di vista dei parametri acquisiti, con particolare riferimento all'andamento dei venti, nel mese in oggetto si è registrata una velocità media a 10 metri SLM di 4.99 m/s con punta massima pari a 17.78 m/s registrata il giorno 4 luglio alle ore 16.00. Il tempo di calma vento è stato del 3.36%

In data 20 luglio è stato effettuato un intervento di manutenzione volto a risolvere i problemi di alimentazione segnalati nel precedente rapporto. Sulla stazione è stato rivenuto il cavo positivo, proveniente dal pannello solare, tagliato in prossimità del morsetto. Il cavo è stato quindi ripristinato e sono state sostituite le batterie utilizzando quelle precedentemente messe sotto carica. Attualmente i problemi di alimentazione sono risolti da come risulta dal grafico delle alimentazioni, dove è possibile riscontrare i cicli giornalieri di carica batterie.

2 Tabelle giornaliere dei parametri misurati

LUGLIO 2007

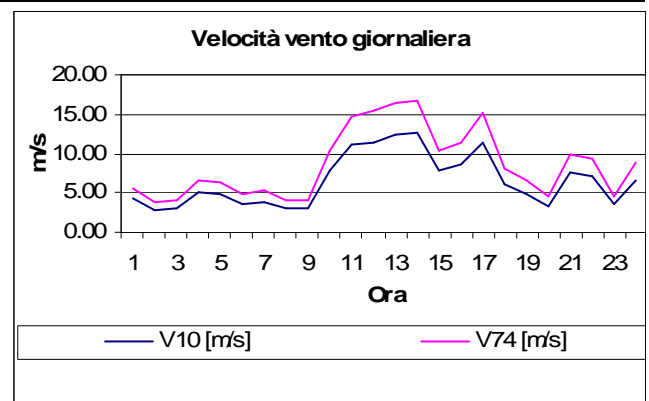
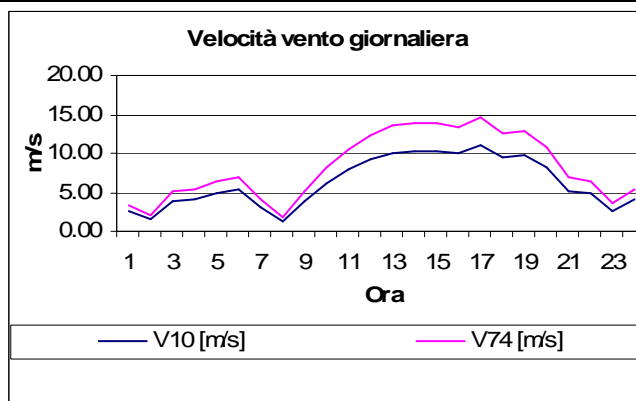
Elaborazioni - EM.ES S.r.L.

giorno 1

giorno 2

ora [h]	V10 [m/s]	V74 [m/s]	Dv [gradi]	SD [gradi]	Ta [°C]	Pa [mbar]	V alim [V]
100	2.57	3.43	222.3	3.33	22.32	1021.4	9.46
200	1.49	1.99	156.5	3.287	22.04	1020.9	9.46
300	3.86	5.16	214	3.089	20.91	1020.6	9.46
400	4.06	5.42	211.1	3.663	20.58	1020.5	9.46
500	4.88	6.52	214.5	3.127	21.14	1020.4	9.46
600	5.26	7.03	214.5	3.166	21.2	1020.8	9.46
700	2.98	3.99	218.6	6.331	22.2	1021.4	9.45
800	1.34	1.79	56.42	3.034	24.45	1022.5	9.45
900	3.89	5.20	79.9	4.274	23.41	1022.3	9.45
1000	6.19	8.28	78.1	3.689	23.57	1021.7	9.45
1100	7.92	10.59	79.5	3.053	23.87	1021.3	9.45
1200	9.29	12.42	87.4	2.128	24.19	1020.7	9.45
1300	10.07	13.46	89	9.86	24.31	1020.2	9.45
1400	10.38	13.88	94.1	2.43	24.21	1019.8	9.45
1500	10.26	13.72	97.8	2.881	24.39	1019.5	9.45
1600	10.00	13.36	101.2	3.034	24.58	1019.1	9.45
1700	10.92	14.59	98.7	3.071	24.82	1018.5	9.44
1800	9.38	12.54	110	3.089	25.63	1018.3	9.44
1900	9.66	12.91	130.1	2.914	26.18	1017.9	9.44
2000	8.09	10.81	140.3	2.914	25.71	1017.6	9.44
2100	5.09	6.80	122.7	2.728	25.3	1018.0	9.44
2200	4.85	6.48	186.4	2.31	26.21	1017.7	9.44
2300	2.61	3.49	99.4	3.089	25.7	1017.6	9.44
2400	4.02	5.38	145.3	9.5	26.09	1017.6	9.44

V10 [m/s]	V74 [m/s]	Dv [gradi]	SD [gradi]	Ta [°C]	Pa [mbar]	V alim [V]
4.22	5.64	194.1	3.225	25.61	1017.1	9.44
2.88	3.85	218.6	7.33	24.3	1016.8	9.44
3.02	4.03	202.8	2.685	23.63	1016.2	9.44
4.96	6.63	197.4	7.02	24.49	1016.3	9.43
4.80	6.42	205.7	3.146	23.57	1016.1	9.43
3.66	4.90	204	5.077	24.63	1017.2	9.43
3.89	5.20	86.1	5.514	24.36	1017.5	9.43
3.00	4.01	86.1	4.838	25.96	1017.8	9.43
3.04	4.06	78.7	5.894	26.17	1017.9	9.43
7.83	10.47	87.5	8.27	24.98	1017.4	9.43
11.04	14.76	99.4	2.408	25.38	1016.6	9.43
11.48	15.35	106.9	3.205	25.37	1016.4	9.43
12.36	16.53	97.2	2.897	25.08	1015.5	9.43
12.54	16.76	109.7	3.419	25.51	1015.2	9.43
7.74	10.35	126.2	3.663	26.76	1015.9	9.42
8.48	11.34	230.3	4.006	29.37	1016	9.42
11.39	15.23	203.4	4.309	28.47	1016.1	9.42
6.13	8.19	250.2	4.705	28.51	1016.5	9.42
4.91	6.56	247.7	4.579	28.13	1016.3	9.42
3.33	4.45	215.8	5.398	26.44	1015.8	9.42
7.48	10.00	247.3	4.931	26.48	1015.9	9.42
7.05	9.43	229.8	5.514	25.78	1016.3	9.42
3.48	4.66	252.5	5.233	25.05	1016.5	9.42
6.57	8.78	261.8	5.894	24.85	1016.3	9.42



LUGLIO 2007

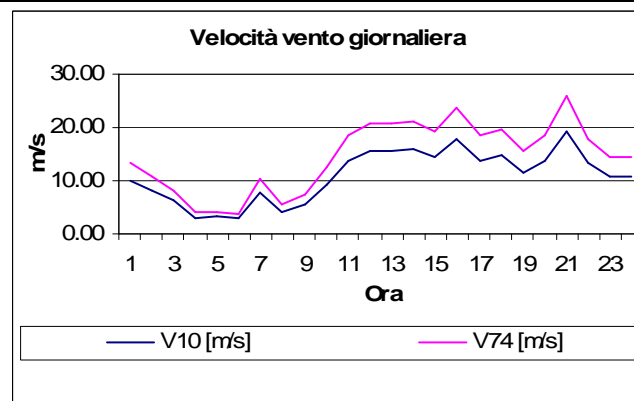
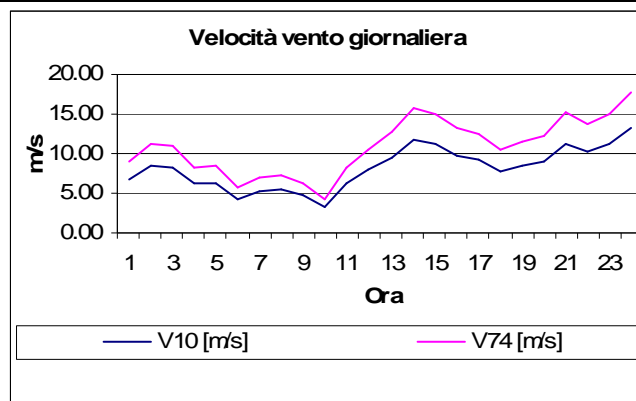
Elaborazioni - EM.ES S.r.L.

giorno 3

ora	V10	V74	Dv	SD	Ta	Pa	V alim
[h]	[m/s]	[m/s]	[gradi]	[gradi]	[°C]	[mbar]	[V]
100	6.75	9.03	243.9	5.398	24.29	1016.4	9.41
200	8.38	11.21	259.1	5.635	23.94	1016.3	9.41
300	8.29	11.09	264	5.398	23.87	1015.8	9.41
400	6.14	8.21	250.5	5.514	23.18	1015.8	9.41
500	6.35	8.49	264.3	6.033	23.12	1016.1	9.41
600	4.28	5.72	257	5.342	22.12	1016.5	9.41
700	5.16	6.90	257.8	5.18	22.89	1017.3	9.41
800	5.46	7.31	223.5	4.838	24.82	1018	9.41
900	4.69	6.28	212.6	4.884	26.19	1018.2	9.41
1000	3.15	4.21	52.43	7.43	26.24	1018.9	9.41
1100	6.14	8.21	75.4	4.793	24.63	1017.6	9.41
1200	7.94	10.61	83.7	4.538	24.7	1016.9	9.40
1300	9.48	12.67	97.3	9.5	24.77	1016.1	9.40
1400	11.73	15.68	102.4	2.22	25.35	1015.3	9.40
1500	11.24	15.03	103.6	2.564	25.33	1015.6	9.40
1600	9.84	13.15	102.4	3.827	25.47	1015	9.40
1700	9.36	12.51	115	2.699	26.83	1014.7	9.40
1800	7.82	10.45	98.7	3.33	26.49	1014.3	9.40
1900	8.62	11.53	158.9	2.616	26.71	1013.4	9.40
2000	9.12	12.19	225.1	4.931	28.58	1014.6	9.40
2100	11.32	15.13	220.7	11.4	27.77	1014.7	9.40
2200	10.26	13.71	226.8	4.748	26.93	1014.8	9.39
2300	11.18	14.94	235.3	7.33	25.64	1014.3	9.39
2400	13.30	17.78	230	5.64	24.9	1013.7	9.39

giorno 4

V10	V74	Dv	SD	Ta	Pa	V alim
[m/s]	[m/s]	[gradi]	[gradi]	[°C]	[mbar]	[V]
10.01	13.38	227.4	2.442	24.12	1013.6	9.39
8.00	10.70	227.5	2.699	24.02	1013.2	9.39
6.16	8.23	259	2.757	23.71	1012.3	9.39
2.95	3.95	263.8	3.716	23.75	1012.2	9.39
3.15	4.21	257.5	4.169	23.96	1012.1	9.39
2.88	3.85	141.7	4.309	23.83	1012.1	9.39
7.77	10.39	222.9	4.203	25.08	1012.3	9.39
4.04	5.40	240.2	3.089	25.39	1013.0	9.39
5.44	7.27	249.3	3.771	25.58	1012.5	9.38
9.34	12.49	254.1	2.408	26.17	1012.6	9.38
13.82	18.47	230.9	3.76	27.23	1011.6	9.38
15.48	20.70	226.9	5.6	28.06	1011.2	9.38
15.55	20.79	219.7	4.1	28.27	1010.9	9.38
15.91	21.26	218.8	9.7	28.06	1010.2	9.38
14.29	19.10	215.7	14.25	27.66	1010.2	9.38
17.78	23.77	214.1	13.3	26.58	1009.0	9.38
13.81	18.46	219.1	9.8	27.21	1009.2	9.38
14.75	19.72	234.1	6.7	26.02	1009.7	9.38
11.58	15.48	253.7	4.309	25.98	1010.8	9.38
13.76	18.40	353.4	4.931	21.62	1011.8	9.37
19.40	25.94	321.3	6.7	21.33	1012.2	9.37
13.39	17.90	323.8	4.2	19.05	1013.3	9.37
10.85	14.51	240.8	8.6	17.35	1012.8	9.37
10.85	14.51	240.8	8.6	17.35	1012.8	9.37



LUGLIO 2007

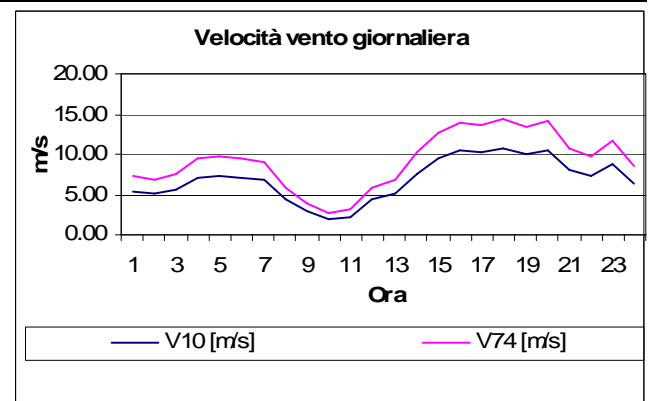
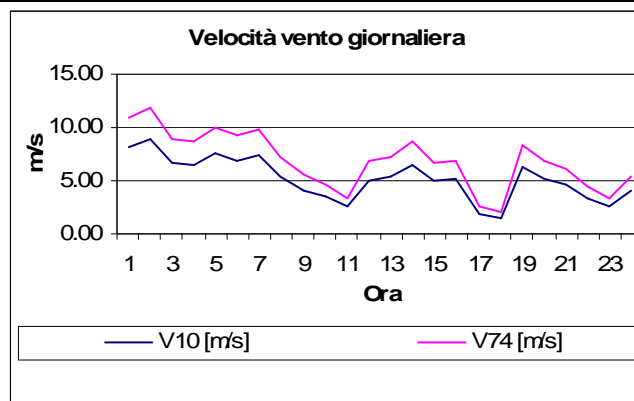
Elaborazioni - EM.ES S.r.L.

giorno 5

ora	V10	V74	Dv	SD	Ta	Pa	V alim
[h]	[m/s]	[m/s]	[gradi]	[gradi]	[°C]	[mbar]	[V]
100	8.14	10.89	270.3	6.93	17.77	1013.2	9.37
200	8.81	11.78	284.9	6.93	18.2	1013.8	9.37
300	6.72	8.98	264.2	6.838	17.89	1014	9.37
400	6.53	8.74	288.2	6.254	18.31	1014.3	9.37
500	7.53	10.06	294.3	6.033	18.32	1014.5	9.37
600	6.90	9.23	243.1	6.575	17.2	1015.4	9.37
700	7.36	9.84	235.4	5.342	17.15	1015.8	9.36
800	5.43	7.26	253.4	5.18	17.8	1017	9.36
900	4.11	5.49	296.5	5.18	18.94	1018.1	9.36
1000	3.49	4.67	310.3	3.512	19.39	1018.5	9.36
1100	2.54	3.40	14.05	4.498	20.23	1019.3	9.36
1200	5.07	6.78	10.65	3.975	20.37	1018.7	9.36
1300	5.43	7.26	31.4	8.27	20.77	1018.8	9.36
1400	6.53	8.72	64.66	3.512	21.29	1018	9.36
1500	4.92	6.58	56.99	7.65	21.59	1017.8	9.36
1600	5.12	6.84	87.7	4.274	21.75	1017.6	9.36
1700	1.92	2.57	332.4	3.827	22.44	1018.2	9.36
1800	1.46	1.95	144.8	3.771	22.72	1017.5	9.35
1900	6.25	8.35	201.9	4.274	22.43	1018	9.35
2000	5.10	6.82	167.1	3.419	22.7	1017.7	9.35
2100	4.64	6.20	152.5	3.537	22.13	1017.7	9.35
2200	3.39	4.53	175	10.26	22.06	1018	9.35
2300	2.54	3.40	182.9	3.689	21.78	1017.9	9.35
2400	4.00	5.35	209.2	3.663	20.21	1018	9.35

giorno 6

V10	V74	Dv	SD	Ta	Pa	V alim
[m/s]	[m/s]	[gradi]	[gradi]	[°C]	[mbar]	[V]
5.48	7.33	215.6	3.537	20.05	1017.8	9.35
5.10	6.82	212.5	1.709	18.77	1017.3	9.35
5.63	7.53	216.8	2.1	18.63	1017.2	9.35
7.06	9.43	217.9	1.98	18.59	1017.1	9.35
7.25	9.69	219.1	2.8	19.85	1017.2	9.34
7.04	9.41	216.8	1.774	19.59	1017.4	9.34
6.76	9.04	225.1	1.2	19.53	1018.1	9.34
4.34	5.81	219.1	4.979	20.09	1018.9	9.34
2.93	3.92	248.7	3.586	21.82	1020.3	9.34
2.00	2.68	271.6	3.827	23.54	1021	9.34
2.29	3.06	7.05	8.69	24.52	1021.7	9.34
4.44	5.93	34.79	7.77	24.4	1021.1	9.34
5.06	6.76	57.68	3.071	23.82	1020.4	9.34
7.63	10.20	86.2	7.65	23.8	1019.8	9.34
9.46	12.64	95.1	9.68	23.95	1019.5	9.34
10.40	13.90	83.5	2.671	23.7	1019.2	9.33
10.26	13.71	86.7	2.999	24	1018.8	9.33
10.70	14.30	97.1	2.964	24.22	1018.4	9.33
10.09	13.49	107.5	2.881	25.82	1018.3	9.33
10.59	14.16	130.7	2.818	26.12	1018.2	9.33
8.09	10.81	139	3.034	25.46	1018.3	9.33
7.36	9.84	161.1	2.999	24.99	1018.8	9.33
8.77	11.73	206.2	10.47	26.63	1019.4	9.33
6.32	8.45	222.3	10.47	25.83	1019.7	9.33



LUGLIO 2007

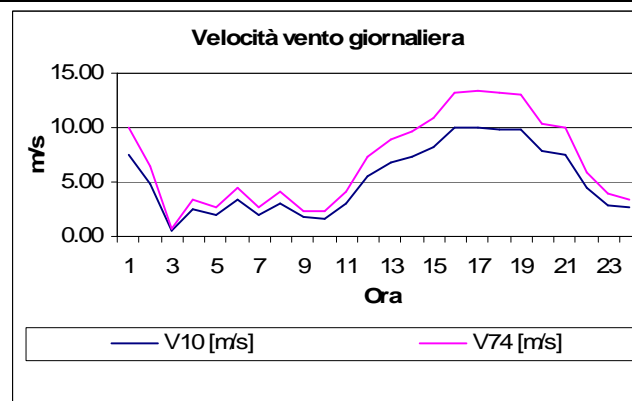
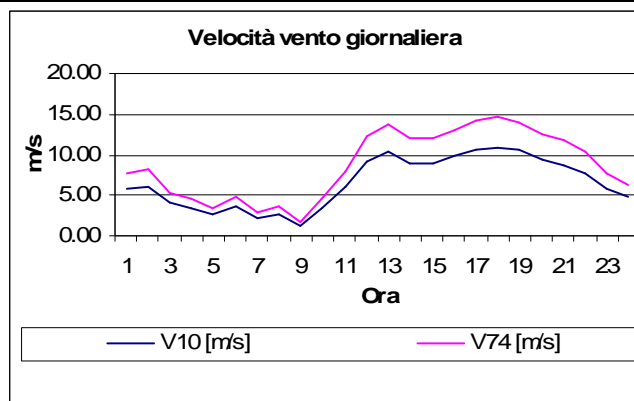
Elaborazioni - EM.ES S.r.L.

giorno 7

ora	V10	V74	Dv	SD	Ta	Pa	V alim
[h]	[m/s]	[m/s]	[gradi]	[gradi]	[°C]	[mbar]	[V]
100	5.84	7.80	247.2	4.979	26.03	1019.9	9.33
200	6.08	8.13	224.9	5.128	24.85	1019.8	9.32
300	4.01	5.36	172.3	4.498	24.87	1019.6	9.32
400	3.46	4.62	198.1	4.579	23.8	1019.4	9.32
500	2.61	3.49	211.3	4.103	23.58	1019.4	9.32
600	3.56	4.76	229.2	4.662	23.96	1019.8	9.32
700	2.12	2.84	274.1	7.54	23.98	1021.2	9.32
800	2.62	3.51	280.5	7.43	22.7	1022.1	9.32
900	1.17	1.57	233.9	4.169	25.82	1023.2	9.32
1000	3.37	4.50	69.55	4.459	24.03	1023	9.32
1100	6.03	8.06	90.1	3.716	23.84	1022.3	9.32
1200	9.24	12.36	91.2	3.352	23.63	1021.6	9.32
1300	10.34	13.83	81	8.84	24.02	1021.6	9.31
1400	8.96	11.98	84.5	9.32	23.93	1021.6	9.31
1500	9.03	12.07	99.6	2.477	24.14	1021.3	9.31
1600	9.79	13.08	101.3	2.442	24.32	1021.2	9.31
1700	10.66	14.25	101.1	2.514	24.22	1021	9.31
1800	10.96	14.65	93.5	3.053	24.73	1020.8	9.31
1900	10.50	14.04	99.7	3.309	24.3	1020.6	9.31
2000	9.39	12.56	123.5	3.799	26.12	1021	9.31
2100	8.76	11.71	124.3	3.945	25.22	1020.7	9.31
2200	7.67	10.26	145.1	4.006	25.19	1021.1	9.31
2300	5.72	7.64	134	3.827	25.28	1021.5	9.31
2400	4.78	6.38	203.2	4.421	25.11	1021.9	9.30

giorno 8

V10	V74	Dv	SD	Ta	Pa	V alim
[m/s]	[m/s]	[gradi]	[gradi]	[°C]	[mbar]	[V]
7.53	10.07	226.9	3.689	26.43	1021.9	9.30
4.76	6.36	229.3	4.238	24.65	1022	9.30
0.53	0.71	68.48	4.238	24.27	1021.6	9.30
2.59	3.46	238.6	3.611	24.48	1021.5	9.30
1.96	2.63	230.4	4.103	23.42	1021.4	9.30
3.33	4.45	132.4	3.537	23.17	1021.6	9.30
1.99	2.66	271.5	4.203	23.58	1023.3	9.30
3.05	4.08	281.7	4.07	22.82	1024.1	9.30
1.73	2.31	284.7	3.689	23.95	1024.4	9.30
1.69	2.26	41.22	4.203	24.43	1024.9	9.29
3.10	4.15	78	4.979	23.99	1024.4	9.29
5.46	7.31	69.56	4.498	24.37	1023.7	9.29
6.74	9.01	71.3	4.203	24.29	1023.3	9.29
7.24	9.68	73.1	9.32	24.46	1023	9.29
8.20	10.96	72.3	3.856	24.69	1022.8	9.29
9.92	13.26	82.7	2.173	24.5	1021.8	9.29
9.97	13.33	91.5	2.947	24.56	1021.3	9.29
9.89	13.22	95.9	2.772	24.53	1020.9	9.29
9.75	13.03	95.8	2.699	24.41	1020.5	9.29
7.80	10.42	108.6	2.982	25.02	1020.4	9.29
7.42	9.92	139.9	3.053	25.24	1020.1	9.28
4.45	5.95	125.4	10.91	24.68	1020.3	9.28
2.92	3.90	132.9	2.603	24.61	1020.1	9.28
2.60	3.48	166.6	4.498	24.37	1019.6	9.28



LUGLIO 2007

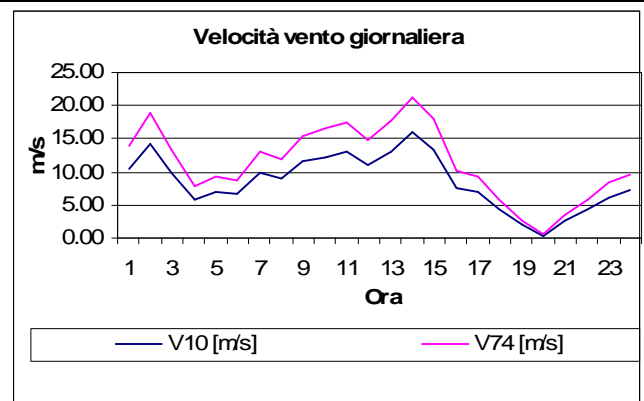
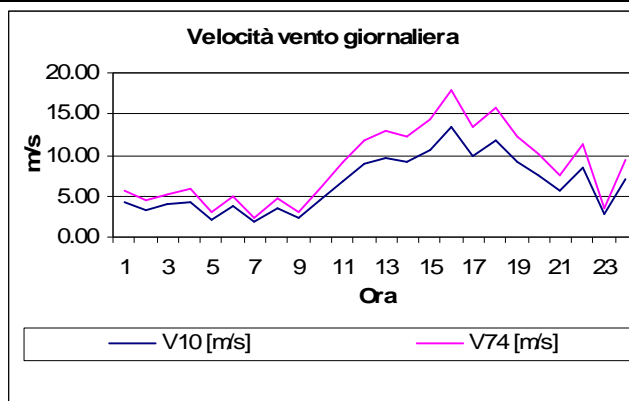
Elaborazioni - EM.ES S.r.L.

giorno 9

ora	V10	V74	Dv	SD	Ta	Pa	V alim
[h]	[m/s]	[m/s]	[gradi]	[gradi]	[°C]	[mbar]	[V]
100	4.29	5.73	193.7	4.274	24.97	1019.3	9.28
200	3.36	4.50	207.7	4.203	24.75	1018.8	9.28
300	3.88	5.19	219	7.22	24.97	1018.5	9.28
400	4.32	5.78	218.7	3.146	25.34	1018.1	9.28
500	2.23	2.98	162.1	6.491	24.74	1017.8	9.28
600	3.66	4.89	200.9	4.459	25.3	1017.7	9.28
700	1.83	2.45	184.2	5.894	25.81	1018.5	9.28
800	3.57	4.77	208.6	6.033	26.09	1018.8	9.27
900	2.25	3.01	173.5	4.421	26	1020	9.27
1000	4.49	6.00	122.4	4.309	26.58	1019.2	9.27
1100	6.86	9.18	94.5	8.84	27.3	1018.6	9.27
1200	8.84	11.81	96.3	3.743	27.33	1018.4	9.27
1300	9.67	12.93	97.2	2.757	27.16	1017.7	9.27
1400	9.14	12.22	100.1	3.089	28.42	1017.3	9.27
1500	10.70	14.31	105.9	3.089	29.23	1016.4	9.27
1600	13.45	17.98	106.9	2.833	26.96	1015.1	9.27
1700	9.96	13.32	125.9	3.309	28.74	1015	9.27
1800	11.79	15.76	151.6	3.586	29.53	1013.8	9.27
1900	9.10	12.16	154.5	3.663	29.11	1013.6	9.26
2000	7.53	10.06	183.5	3.716	30.85	1013.7	9.26
2100	5.70	7.61	211.1	3.799	31.05	1014.2	9.26
2200	8.44	11.29	223.6	4.1	30.89	1014.3	9.26
2300	2.73	3.64	254	4.838	29.35	1014.4	9.26
2400	7.10	9.49	219.3	4.038	27.52	1013.4	9.26

giorno 10

V10	V74	Dv	SD	Ta	Pa	V alim
[m/s]	[m/s]	[gradi]	[gradi]	[°C]	[mbar]	[V]
10.34	13.83	238.9	4.34	26.9	1012.6	9.26
14.16	18.93	252.1	5.02	25.84	1011.7	9.26
9.91	13.25	237.4	4.98	25.16	1011.6	9.26
5.84	7.81	240.3	3.108	24.43	1012.1	9.26
6.92	9.25	260	2.539	24.39	1012.3	9.26
6.63	8.86	271.7	4.038	24.28	1012.3	9.25
9.86	13.18	286.7	7.43	24.21	1012.6	9.25
9.00	12.04	296.6	4.421	23.58	1013	9.25
11.54	15.43	280.4	3.2	23.89	1012.7	9.25
12.32	16.47	266.2	3.827	24.67	1013.3	9.25
12.97	17.35	282.1	9	25.45	1013.7	9.25
10.99	14.70	332.2	7.4	23.63	1014.2	9.25
13.20	17.65	345.9	4.136	22.93	1013.8	9.25
15.86	21.20	345.1	4.579	22.28	1013.3	9.25
13.46	17.99	350.6	5.86	22.4	1013.6	9.25
7.51	10.04	22.39	4.421	22.6	1014.3	9.24
6.93	9.27	39.56	4.459	22.16	1014.5	9.24
4.24	5.67	59.3	4.421	22.49	1014.6	9.24
1.90	2.54	94.7	5.077	23	1014.8	9.24
0.42	0.56	158.2	4.498	22.49	1015	9.24
2.64	3.53	264.7	3.396	22.11	1014.2	9.24
4.25	5.68	313.6	4.538	22.14	1014.4	9.24
6.21	8.31	312.6	4.793	22.1	1014.5	9.24
7.18	9.60	319.3	5.128	21.8	1014.4	9.24



LUGLIO 2007

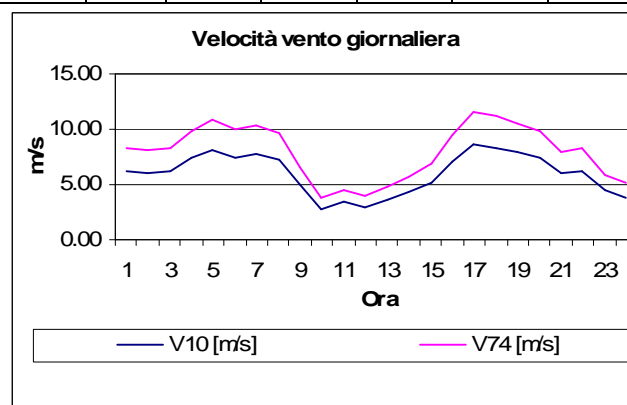
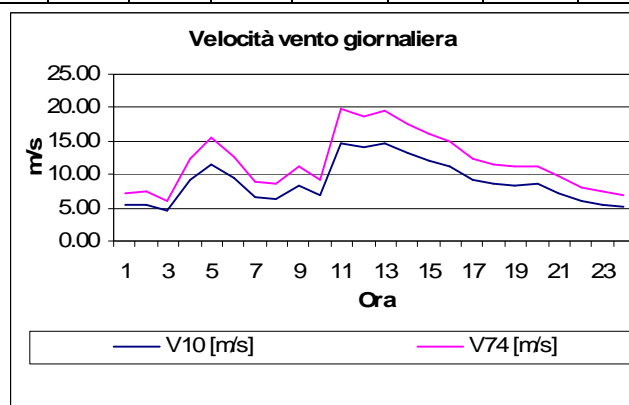
Elaborazioni - EM.ES S.r.L.

giorno 11

giorno 12

ora	V10	V74	Dv	SD	Ta	Pa	V alim
[h]	[m/s]	[m/s]	[gradi]	[gradi]	[°C]	[mbar]	[V]
100	5.47	7.31	285.3	5.342	21.53	1014.5	9.24
200	5.60	7.48	227.6	5.077	20.63	1014.3	9.24
300	4.50	6.02	253.9	4.884	20.91	1013.6	9.23
400	9.17	12.26	290.2	5.635	20.89	1013.3	9.23
500	11.60	15.50	302.6	5.3	19.01	1013.4	9.23
600	9.42	12.59	325.8	5.8	19.25	1014.5	9.23
700	6.63	8.86	315.9	4.98	19.5	1015.1	9.23
800	6.47	8.64	301.7	4.538	17.46	1014.8	9.23
900	8.32	11.13	289.7	5.18	18.87	1016.2	9.23
1000	6.80	9.09	315	5.963	19.59	1016.7	9.23
1100	14.77	19.75	321.4	5.18	19.14	1016.5	9.23
1200	13.99	18.71	308.6	5.5	19.04	1015.6	9.23
1300	14.56	19.46	320.9	6.01	18.8	1016.9	9.23
1400	13.14	17.56	321.4	5.67	19.26	1017.3	9.22
1500	12.13	16.21	321.3	4.538	19.67	1017.5	9.22
1600	11.10	14.84	323.3	4.979	19.76	1017.6	9.22
1700	9.31	12.45	323.6	4.07	20.08	1018	9.22
1800	8.51	11.38	328.5	6.179	20.26	1018.2	9.22
1900	8.28	11.07	335	5.342	20.64	1018.5	9.22
2000	8.49	11.35	331.4	5.762	20.63	1018.7	9.22
2100	7.30	9.76	334.4	5.894	20.57	1018.9	9.22
2200	6.04	8.07	329.1	5.574	20.7	1019.4	9.22
2300	5.54	7.41	341.3	5.128	20.93	1019.7	9.22
2400	5.08	6.79	221.2	5.233	19.36	1019.7	9.22

V10	V74	Dv	SD	Ta	Pa	V alim
[m/s]	[m/s]	[gradi]	[gradi]	[°C]	[mbar]	[V]
6.14	8.20	235.7	4.62	17.75	1019.5	9.21
6.03	8.06	231.7	4.662	17.84	1019.3	9.21
6.19	8.27	228.7	3.975	17.62	1019.3	9.21
7.35	9.83	222.8	4.103	17.18	1019.2	9.21
8.07	10.80	221.3	3.663	17.14	1019.3	9.21
7.47	9.99	224.4	3.352	17.42	1019.7	9.21
7.72	10.32	222.7	3.743	17.52	1020.3	9.21
7.21	9.64	219.3	5.077	18.53	1021.3	9.21
4.94	6.60	224.7	3.185	20.09	1022.5	9.21
2.81	3.75	303.9	4.136	21.31	1023.6	9.21
3.37	4.51	326.1	3.885	21.35	1024	9.21
2.96	3.96	10.3	8.84	21.97	1024.2	9.20
3.57	4.77	10.27	4.238	21.91	1024.2	9.20
4.31	5.76	31.8	4.038	21.99	1023.8	9.20
5.21	6.97	50.24	3.771	22.24	1023.2	9.20
7.03	9.40	86.1	3.689	22.56	1022.9	9.20
8.64	11.55	94.3	3.856	22.65	1022.6	9.20
8.32	11.13	104.2	3.689	23.02	1022.8	9.20
7.93	10.60	105.1	3.266	23.27	1022.7	9.20
7.39	9.88	106.3	3.166	23.51	1022.8	9.20
6.00	8.02	118.9	3.309	23.46	1022.9	9.20
6.19	8.28	143.8	11.66	22.97	1023	9.20
4.42	5.90	142.3	3.127	22.7	1023.4	9.19
3.88	5.18	129.1	4.931	22.38	1023.5	9.19



LUGLIO 2007

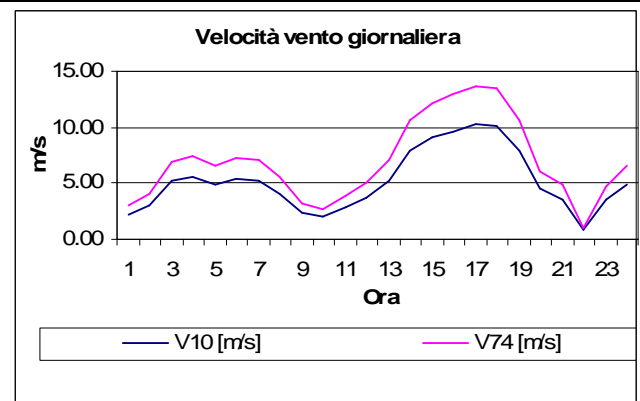
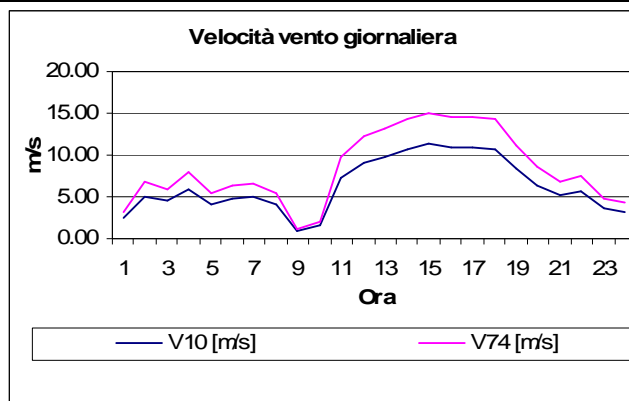
Elaborazioni - EM.ES S.r.L.

giorno 13

giorno 14

ora	V10	V74	Dv	SD	Ta	Pa	V alim
[h]	[m/s]	[m/s]	[gradi]	[gradi]	[°C]	[mbar]	[V]
100	2.46	3.29	212.2	2.964	21.5	1023.5	9.19
200	5.07	6.78	211.2	3.034	20.76	1023.6	9.19
300	4.45	5.95	214.7	4.203	20.73	1023.4	9.19
400	5.95	7.96	219	6.575	19.03	1023.1	9.19
500	4.16	5.56	219.8	5.698	19.32	1023.2	9.19
600	4.70	6.29	206.8	4.62	19.48	1023.5	9.19
700	4.89	6.53	210.5	7.02	19.35	1024.1	9.19
800	4.02	5.38	216.8	5.233	20.35	1025	9.19
900	0.81	1.08	274.8	3.127	22.99	1026.6	9.18
1000	1.59	2.12	107.4	3.771	23.83	1027.1	9.18
1100	7.27	9.72	93	2.477	23	1026.4	9.18
1200	9.17	12.25	90.3	2.489	23.16	1026.3	9.18
1300	9.83	13.15	92.9	2.514	23.33	1026	9.18
1400	10.69	14.30	92.6	2.551	23.37	1025.6	9.18
1500	11.25	15.05	92.7	2.577	23.56	1025.2	9.18
1600	10.82	14.47	96.4	2.63	23.75	1025.1	9.18
1700	10.85	14.51	102.5	2.577	23.75	1025	9.18
1800	10.64	14.22	98	2.772	23.94	1024.7	9.18
1900	8.33	11.14	107.4	2.63	24.77	1024.9	9.18
2000	6.48	8.66	135.3	2.897	25.43	1025.2	9.17
2100	5.12	6.84	136.5	4.136	24.47	1025	9.17
2200	5.58	7.46	148.9	10.68	24.16	1025.2	9.17
2300	3.61	4.83	138.8	4.169	24.35	1025.4	9.17
2400	3.22	4.31	213.4	6.748	23.68	1025.6	9.17

V10	V74	Dv	SD	Ta	Pa	V alim
[m/s]	[m/s]	[gradi]	[gradi]	[°C]	[mbar]	[V]
2.25	3.00	235	6.491	22.33	1025.3	9.17
2.98	3.99	213.1	2.772	22.52	1025.2	9.17
5.14	6.87	214.8	7.33	21.03	1024.8	9.17
5.54	7.40	213.6	4.103	20.84	1024.8	9.17
4.92	6.57	224	5.762	21.1	1024.9	9.17
5.44	7.27	211.3	4.979	20.99	1024.9	9.17
5.29	7.08	212.2	4.203	20.02	1025.3	9.16
4.10	5.48	210.3	5.18	21.77	1026.2	9.16
2.40	3.21	241.4	5.828	23.78	1027.5	9.16
2.02	2.71	28.21	4.498	24.97	1028.7	9.16
2.90	3.88	56.29	8.14	24.14	1028.6	9.16
3.78	5.06	53.79	3.053	24.06	1028.4	9.16
5.26	7.03	81.4	9.32	24.62	1028	9.16
7.89	10.54	90.2	9.5	24.39	1027.1	9.16
9.04	12.09	88.5	8.84	24.66	1026.6	9.16
9.65	12.90	93.3	9.86	24.89	1026.4	9.16
10.23	13.68	98.3	9.68	24.83	1026.1	9.16
10.05	13.43	104.8	2.22	26.91	1026	9.15
8.00	10.70	109.7	2.454	28.1	1026	9.15
4.59	6.14	149.7	5.128	27.52	1026.3	9.15
3.60	4.81	159.6	5.18	27.34	1026.1	9.15
0.76	1.02	157.2	9.16	26.57	1026.2	9.15
3.48	4.65	216.1	10.47	26.05	1026.2	9.15
4.87	6.51	199.5	6.66	25.65	1026.2	9.15



LUGLIO 2007

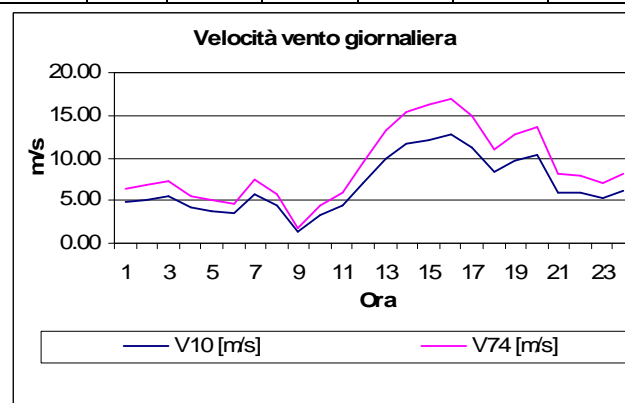
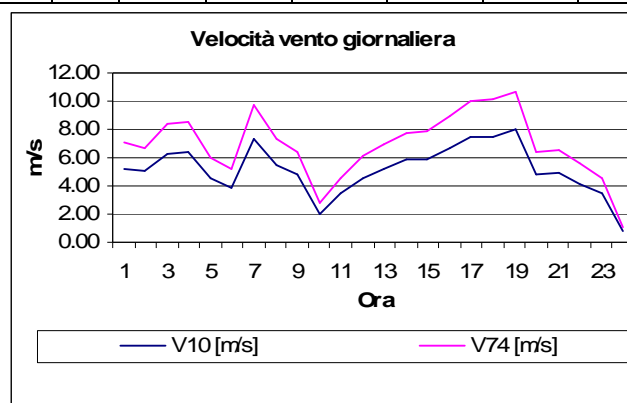
Elaborazioni - EM.ES S.r.L.

giorno 15

giorno 16

ora	V10	V74	Dv	SD	Ta	Pa	V alim
[h]	[m/s]	[m/s]	[gradi]	[gradi]	[°C]	[mbar]	[V]
100	5.26	7.03	201.8	5.287	24.92	1026	9.15
200	5.01	6.70	224.9	5.762	23.15	1025.7	9.15
300	6.25	8.36	211.2	4.238	22.84	1025.2	9.15
400	6.35	8.48	217	4.62	22.45	1024.9	9.15
500	4.51	6.03	205.8	4.309	22.7	1025.1	9.14
600	3.93	5.25	208.4	5.128	22.5	1025.4	9.14
700	7.32	9.78	215.4	7.43	21.21	1025.6	9.14
800	5.52	7.38	223	5.828	22.8	1026.7	9.14
900	4.76	6.36	222.8	5.698	24.56	1027.5	9.14
1000	2.05	2.74	308.2	2.43	25.6	1028.8	9.14
1100	3.44	4.60	13.78	3.771	24.22	1028.5	9.14
1200	4.55	6.08	28.4	2.454	24.52	1028.3	9.14
1300	5.15	6.89	41.87	3.537	24.59	1028.1	9.14
1400	5.83	7.79	62.88	7.89	24.73	1027.6	9.14
1500	5.89	7.87	78	9.32	25	1027.1	9.14
1600	6.70	8.95	86.1	1.787	25.55	1026.7	9.13
1700	7.51	10.04	98.3	2.22	25.82	1026.4	9.13
1800	7.53	10.07	98.9	3.089	26.36	1025.9	9.13
1900	8.00	10.70	105.1	1.825	28.97	1025.8	9.13
2000	4.78	6.38	132.9	2.833	28.63	1025.9	9.13
2100	4.88	6.52	146.4	6.66	28.49	1025.4	9.13
2200	4.20	5.61	125.1	11.15	27.89	1025.5	9.13
2300	3.42	4.57	137.6	10.91	27.33	1025.5	9.13
2400	0.76	1.02	184.6	5.233	26.48	1025.3	9.13

V10	V74	Dv	SD	Ta	Pa	V alim
[m/s]	[m/s]	[gradi]	[gradi]	[°C]	[mbar]	[V]
4.80	6.41	218.9	5.698	26	1025.1	9.13
5.04	6.74	217.1	4.705	23.48	1024.6	9.13
5.47	7.31	210	4.169	23.78	1024.2	9.12
4.12	5.50	208.6	7.33	23.75	1024.1	9.12
3.71	4.96	198.2	7.02	23.19	1024.1	9.12
3.49	4.67	202.2	7.02	23.52	1024.2	9.12
5.65	7.56	210.5	5.698	23.48	1024.6	9.12
4.33	5.79	207.1	5.128	23.84	1025.6	9.12
1.29	1.73	171.6	3.885	25.69	1026.7	9.12
3.21	4.30	57.9	3.089	24.48	1026.7	9.12
4.38	5.86	71.8	3.537	24.74	1026.4	9.12
7.06	9.43	95.3	8.14	25.18	1026.1	9.12
9.87	13.19	92.4	2.32	26.14	1025.6	9.12
11.58	15.48	94.2	2.465	25.84	1024.9	9.11
12.12	16.20	92.4	2.881	25.62	1024.4	9.11
12.71	16.99	95.7	2.897	25.91	1023.9	9.11
11.17	14.94	106.3	2.914	27.71	1024.1	9.11
8.27	11.06	110.7	3.127	29.22	1024.3	9.11
9.61	12.85	125.2	3.185	30.23	1024	9.11
10.24	13.69	121.3	2.982	29.82	1023.6	9.11
6.01	8.04	146.5	3.071	28.83	1023.7	9.11
5.95	7.95	147.2	11.66	30.46	1024.2	9.11
5.31	7.10	155.2	11.4	30.45	1024.3	9.11
6.09	8.14	204.5	6.105	28.52	1023.9	9.11



LUGLIO 2007

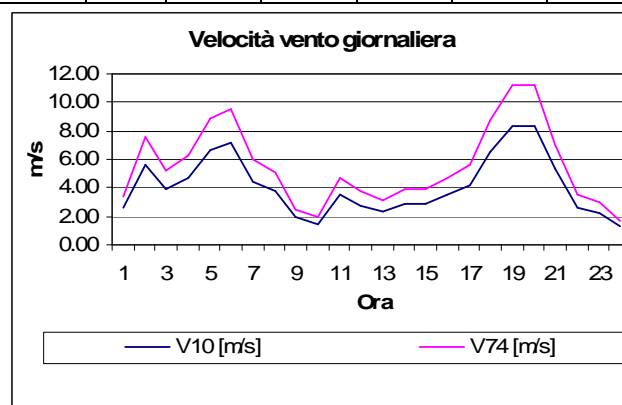
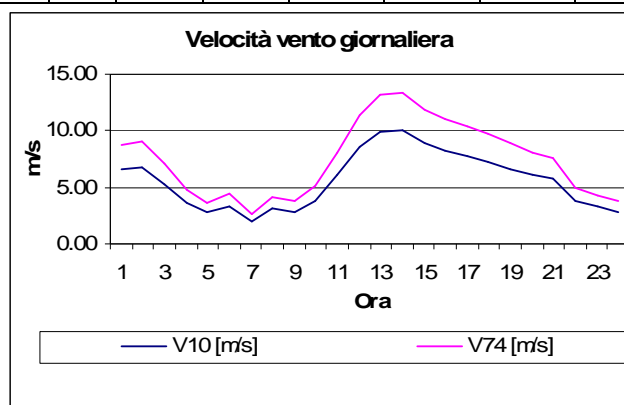
Elaborazioni - EM.ES S.r.L.

giorno 17

giorno 18

ora	V10	V74	Dv	SD	Ta	Pa	V alim
[h]	[m/s]	[m/s]	[gradi]	[gradi]	[°C]	[mbar]	[V]
100	6.55	8.76	230.8	6.331	28.73	1024	9.10
200	6.75	9.02	261	5.514	29.83	1023.8	9.10
300	5.25	7.01	278.2	6.93	28.52	1023.6	9.10
400	3.62	4.84	302.2	2.551	28.04	1023.3	9.10
500	2.74	3.67	262.2	5.963	27.53	1023.1	9.10
600	3.31	4.43	266.5	3.945	27.06	1023.3	9.10
700	2.03	2.71	191.4	7.22	27.09	1024	9.10
800	3.07	4.11	233.6	7.54	26.58	1024.8	9.10
900	2.83	3.79	164.5	4.884	27.66	1025.4	9.10
1000	3.79	5.07	125	3.205	28.28	1025.3	9.10
1100	6.07	8.11	84.5	8.01	27.54	1025.3	9.10
1200	8.53	11.40	67.91	3.185	27.75	1024.9	9.09
1300	9.89	13.22	78	8.69	27.45	1024.6	9.09
1400	9.97	13.33	85	1.988	27.04	1023.9	9.09
1500	8.84	11.82	78.9	2.035	26.49	1023.8	9.09
1600	8.32	11.12	72.8	4.579	26.71	1023.9	9.09
1700	7.73	10.34	81.8	9.86	27.33	1023.7	9.09
1800	7.24	9.67	88	3.586	27.38	1023.3	9.09
1900	6.67	8.92	85.4	3.512	27.49	1023.3	9.09
2000	6.04	8.07	91.1	3.771	27.63	1023.3	9.09
2100	5.69	7.61	108.6	2.419	29.46	1023.3	9.09
2200	3.75	5.02	149	10.91	28.77	1023.8	9.09
2300	3.21	4.30	167.3	11.15	28.22	1023.6	9.08
2400	2.88	3.85	194	7.02	27.79	1023.4	9.08

V10	V74	Dv	SD	Ta	Pa	V alim
[m/s]	[m/s]	[gradi]	[gradi]	[°C]	[mbar]	[V]
2.56	3.42	210.5	6.748	26.29	1023.1	9.08
5.63	7.53	216.4	4.459	25.82	1022.5	9.08
3.95	5.28	214.2	6.254	24.37	1022.1	9.08
4.72	6.31	208.6	3.266	24.93	1021.6	9.08
6.65	8.89	216.7	3.663	25.72	1021.4	9.08
7.13	9.53	227	5.828	24.52	1021.6	9.08
4.49	6.00	234.2	5.963	24.65	1022.3	9.08
3.84	5.14	232.9	5.574	26.31	1023.2	9.08
1.90	2.54	229.9	5.828	27.3	1023.9	9.08
1.50	2.00	312.3	4.793	27.69	1024.8	9.07
3.54	4.73	351.4	2.502	26.58	1024.5	9.07
2.78	3.72	9.87	8.55	26.09	1023.9	9.07
2.32	3.11	4.065	8.84	25.98	1023.8	9.07
2.89	3.86	35.22	9	26.01	1023.4	9.07
2.93	3.91	42.94	9.86	26.42	1022.5	9.07
3.55	4.74	68.22	9.86	26.97	1022.2	9.07
4.20	5.61	62.84	9.86	27.16	1021.9	9.07
6.51	8.70	76.7	2.454	27.18	1021.1	9.07
8.39	11.21	76	3.637	27.81	1020.6	9.07
8.40	11.24	96.7	4.346	28.41	1020.7	9.07
5.30	7.08	112.5	4.62	29.2	1020.6	9.06
2.64	3.52	144.9	11.4	28.94	1021	9.06
2.27	3.04	162.1	11.4	28.89	1021.1	9.06
1.26	1.68	33.8	5.398	28.53	1020.8	9.06



LUGLIO 2007

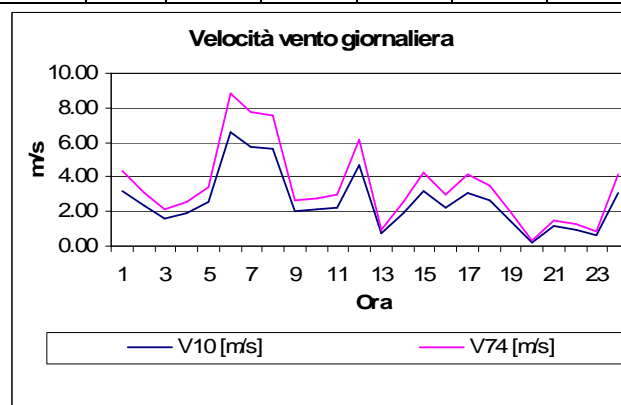
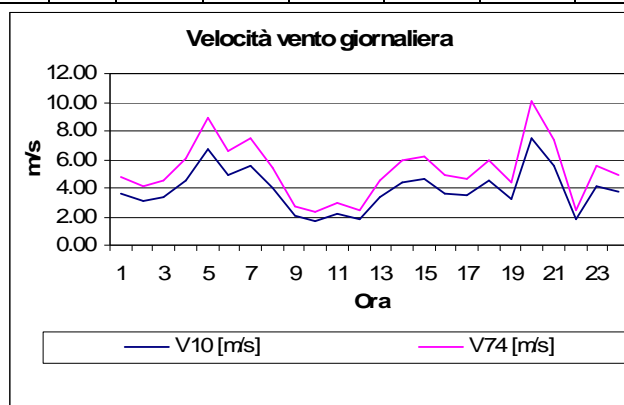
Elaborazioni - EM.ES S.r.L.

giorno 19

giorno 20

ora	V10	V74	Dv	SD	Ta	Pa	V alim
[h]	[m/s]	[m/s]	[gradi]	[gradi]	[°C]	[mbar]	[V]
100	3.56	4.76	301.5	11.15	26.38	1020.5	9.06
200	3.07	4.11	266.2	2.93	25.63	1020.3	9.06
300	3.39	4.53	255.7	5.456	25.33	1020.1	9.06
400	4.50	6.02	220.4	3.561	25.64	1019.6	9.06
500	6.67	8.91	223	3.396	24.96	1019.5	9.06
600	4.93	6.59	215.4	4.748	24.01	1019.7	9.06
700	5.59	7.48	229.4	6.575	25.07	1020.2	9.06
800	4.06	5.42	220.7	4.979	25.67	1021.2	9.05
900	2.06	2.75	291.9	3.512	26.55	1022.1	9.05
1000	1.72	2.29	335.5	3.743	26.83	1022.3	9.05
1100	2.22	2.97	352.1	4.748	27	1022.5	9.05
1200	1.81	2.42	31.75	5.762	27.84	1022.7	9.05
1300	3.35	4.48	12.36	5.894	26.87	1022	9.05
1400	4.43	5.93	17.96	3.586	26.36	1021.2	9.05
1500	4.64	6.20	50.48	9.32	26.72	1020.7	9.05
1600	3.66	4.89	54.12	3.374	27.14	1020.3	9.05
1700	3.52	4.70	62.32	3.586	27.67	1020.2	9.05
1800	4.47	5.97	48.91	2.027	27.55	1019.8	9.05
1900	3.28	4.38	52.15	1.957	27.82	1019.4	9.04
2000	7.50	10.02	96.7	4.203	27.84	1018.8	9.04
2100	5.49	7.34	104.9	4.169	28.55	1018.8	9.04
2200	1.85	2.48	84.4	11.4	28.09	1019.1	9.04
2300	4.13	5.52	276.2	11.15	27.31	1018.8	9.04
2400	3.70	4.94	302.8	7.33	27.51	1018.9	9.04

V10	V74	Dv	SD	Ta	Pa	V alim
[m/s]	[m/s]	[gradi]	[gradi]	[°C]	[mbar]	[V]
3.23	4.32	299	4.203	27.48	1018.8	9.04
2.30	3.07	297.1	2.671	26.86	1018.4	9.04
1.59	2.13	279.8	2.713	26.6	1018.1	9.04
1.93	2.58	156.1	2.385	26.5	1018	9.04
2.54	3.40	199.4	3.537	26.16	1018	9.04
6.57	8.78	216.3	2.772	25.36	1018.2	9.03
5.78	7.72	221.5	7.12	26.4	1018.7	9.03
5.67	7.57	222.8	7.43	25.68	1019.6	9.03
1.98	2.64	253.8	4.579	26.83	1020.6	9.03
2.09	2.79	240.7	8.69	29.5	1021.2	9.03
2.27	3.03	323.7	3.266	30.68	1021.4	9.03
4.63	6.19	38.14	5.398	29.5	1021	9.03
0.74	0.99	79.6	3.36	28.01	1020.9	13.32
1.88	2.52	98.3	4.089	28.05	1020.7	13.20
3.19	4.27	108.4	3.161	27.7	1020.4	13.18
2.23	2.98	113.8	7.47	27.81	1020	13.16
3.10	4.14	119.7	5.092	28.07	1019.5	13.18
2.65	3.55	140.2	6.473	28.22	1016.7	13.17
1.48	1.98	151.3	11.66	28.54	1016.3	12.94
0.25	0.33	252.8	33.64	29.46	1015.8	12.90
1.12	1.50	330.5	7.78	29.36	1014.9	12.88
0.93	1.25	1.303	6.101	29.02	1013.8	12.87
0.65	0.86	69.27	30.41	29.45	1012.8	12.86
3.11	4.16	83.4	3.423	28.46	1012.1	12.83



LUGLIO 2007

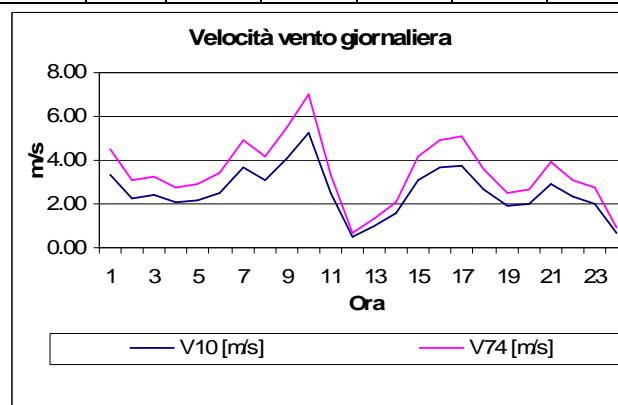
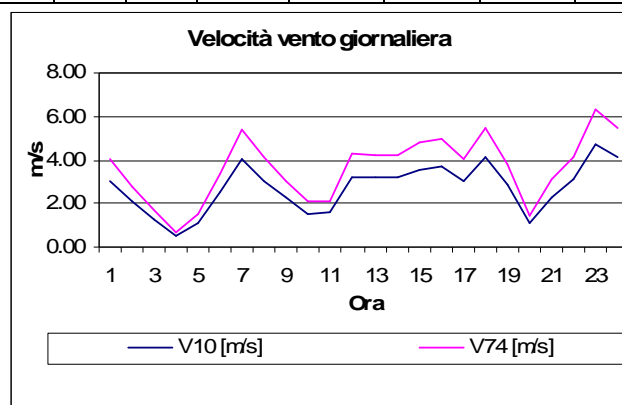
Elaborazioni - EM.ES S.r.L.

giorno 21

giorno 22

ora	V10	V74	Dv	SD	Ta	Pa	V alim
[h]	[m/s]	[m/s]	[gradi]	[gradi]	[°C]	[mbar]	[V]
100	3.04	4.06	115.6	3.736	28.1	1012.3	12.81
200	2.07	2.76	169.7	9.74	27.5	1012.4	12.79
300	1.28	1.72	186.9	9.62	27.06	1012.5	12.78
400	0.52	0.70	166.8	16.91	26.6	1012.3	12.77
500	1.11	1.49	305.1	14.89	26.37	1012.2	12.75
600	2.49	3.33	294.4	4.75	26.37	1012	12.74
700	4.06	5.42	302.1	4.221	26.55	1012.1	12.73
800	3.06	4.09	270.1	8.33	26.29	1012.3	12.73
900	2.24	3.00	272.3	10.78	26.58	1012.4	12.81
1000	1.55	2.07	305.7	10.17	27	1012.5	13.11
1100	1.60	2.14	134.3	12.65	26.86	1012.8	13.31
1200	3.22	4.31	136.4	4.976	27.04	1012.7	13.34
1300	3.17	4.23	143.5	5.483	26.93	1012.7	13.33
1400	3.17	4.23	144.4	5.077	27.19	1012.5	13.28
1500	3.56	4.76	146.1	4.289	27.36	1012.2	13.25
1600	3.69	4.93	136.8	3.388	27.78	1011.8	13.23
1700	3.00	4.01	142.6	20.35	28.42	1011.5	13.23
1800	4.10	5.48	138.9	4	28.63	1011.1	13.22
1900	2.84	3.80	147.8	9.75	28.86	1011	12.99
2000	1.09	1.46	149.4	29.11	28.9	1010.8	12.92
2100	2.31	3.08	326.4	11.91	28.8	1010.9	12.88
2200	3.08	4.12	6.199	9.85	28.57	1011.2	12.86
2300	4.75	6.35	27.76	4.807	27.93	1011.2	12.85
2400	4.09	5.47	22.32	5.035	27.67	1011.9	12.80

V10	V74	Dv	SD	Ta	Pa	V alim
[m/s]	[m/s]	[gradi]	[gradi]	[°C]	[mbar]	[V]
3.36	4.49	348.6	4.306	27.32	1012.3	12.77
2.28	3.05	325.6	6.425	27.04	1012.4	12.76
2.41	3.22	307.8	5.837	26.76	1012.5	12.74
2.08	2.78	284.7	6.439	26.42	1012.3	12.73
2.17	2.91	275.7	4.346	26.26	1012	12.72
2.54	3.39	282.8	4.351	26.18	1012	12.71
3.71	4.96	287.8	4.255	26.54	1012	12.70
3.10	4.15	292.7	4.003	26.83	1012.1	12.70
4.11	5.49	285.6	6.47	26.25	1012.4	12.77
5.25	7.02	278.5	4.361	26.43	1012.7	13.14
2.46	3.29	281	5.473	27.76	1012.9	13.35
0.48	0.65	145.6	15.9	28.28	1012.8	13.30
0.97	1.30	109.1	10.01	28.08	1012.8	13.23
1.54	2.06	77.8	5.064	28.86	1013	13.18
3.12	4.17	79.1	3.494	29.14	1012.7	13.19
3.70	4.95	87.5	3.516	28.65	1012.3	13.20
3.79	5.07	104.4	3.256	28.33	1011.8	13.21
2.68	3.59	126.5	10.54	28.42	1011.6	13.18
1.89	2.53	184.4	12.71	28.73	1011.2	12.94
1.99	2.66	160.9	7.38	29.16	1011	12.89
2.94	3.93	174.8	5.116	29.14	1010.5	12.87
2.30	3.07	193.6	5.393	28.87	1010.6	12.85
2.03	2.72	171.9	5.736	28.7	1010.5	12.83
0.67	0.90	92.5	30.74	28.11	1010.8	12.79



LUGLIO 2007

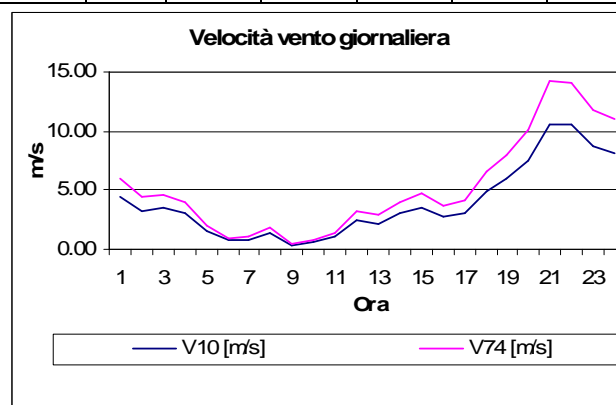
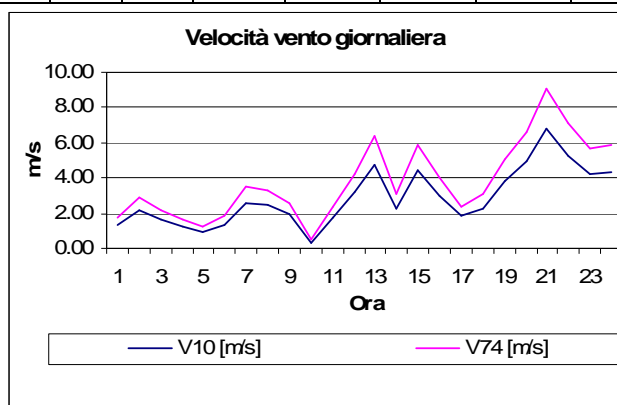
Elaborazioni - EM.ES S.r.L.

giorno 23

giorno 24

ora [h]	V10 [m/s]	V74 [m/s]	Dv [gradi]	SD [gradi]	Ta [°C]	Pa [mbar]	V alim [V]
100	1.33	1.78	42.26	5.989	27.85	1011.2	12.76
200	2.15	2.87	2.988	4.695	27.69	1011.3	12.74
300	1.64	2.19	311.8	9.95	27.35	1011.2	12.73
400	1.27	1.70	304	8.02	27.23	1010.9	12.71
500	0.94	1.26	280.5	10.84	27.12	1010.5	12.70
600	1.36	1.82	160.7	6.115	26.86	1010.2	12.69
700	2.60	3.48	160.5	6.52	27.55	1010.1	12.68
800	2.48	3.32	176.5	5.713	27.18	1009.9	12.69
900	1.93	2.58	184.3	14	27.11	1009.9	12.76
1000	0.36	0.48	233.6	28.54	28.07	1010	13.08
1100	1.76	2.36	137.1	14.42	28.87	1009.8	13.28
1200	3.18	4.25	137.9	7.26	30.04	1009.3	13.27
1300	4.75	6.35	155.4	4.89	30.87	1008.9	13.25
1400	2.28	3.04	66.73	11.48	30.9	1008.7	13.20
1500	4.42	5.90	29.48	8.75	28.9	1009.3	13.32
1600	3.02	4.04	13.49	18.54	28.52	1009.1	13.31
1700	1.81	2.42	25.1	17.73	28.82	1008.8	13.27
1800	2.32	3.10	355	10.57	29.2	1008.3	13.21
1900	3.79	5.07	18.42	9.74	29.13	1008.2	12.99
2000	4.90	6.56	13.44	5.276	28.81	1008.5	12.91
2100	6.78	9.07	8.93	4.507	28.54	1008.8	12.87
2200	5.29	7.07	6.138	5.736	28.28	1009.2	12.84
2300	4.27	5.72	359	7.43	27.89	1009.6	12.83
2400	4.36	5.83	353.2	3.339	27.7	1010.3	12.78

V10 [m/s]	V74 [m/s]	Dv [gradi]	SD [gradi]	Ta [°C]	Pa [mbar]	V alim [V]
4.48	5.98	348	4.388	27.56	1010.8	12.76
3.26	4.36	346.5	6.931	27.46	1010.9	12.74
3.48	4.65	335	7.17	27.3	1010.8	12.72
3.02	4.04	339.2	9.72	27.46	1010.6	12.70
1.54	2.06	255.9	10.28	26.73	1010.3	12.69
0.74	0.99	248.1	24.22	26.91	1010.2	12.68
0.84	1.12	278.5	16.96	26.47	1009.9	12.67
1.41	1.88	290.8	14.89	25.99	1009.8	12.68
0.33	0.44	242.3	28.51	26.01	1009.5	12.73
0.61	0.82	202.5	29.15	26.56	1009.5	13.00
1.05	1.40	106.3	11.88	26.94	1009.8	13.25
2.45	3.28	72.6	6.949	26.81	1009.9	13.33
2.19	2.92	58.13	6.757	27.23	1010	13.34
3.02	4.03	48.35	7.09	27.12	1010	13.36
3.56	4.76	61.94	5.579	27.37	1010.2	13.37
2.76	3.69	111.3	5.698	27.98	1010	13.25
3.10	4.14	139.6	4.798	28.21	1009.3	13.20
4.87	6.52	153.8	3.895	28.19	1008.6	13.23
5.95	7.96	149	5.414	28.33	1007.9	12.99
7.57	10.12	161.3	8.27	28.79	1006.9	12.91
10.63	14.21	266.4	5.122	36.76	1006	12.87
10.49	14.03	267.8	4.065	35.89	1005.8	12.84
8.77	11.73	261.1	3.435	34.66	1006.1	12.83
8.19	10.94	261.6	3.207	33.56	1006.6	12.79



LUGLIO 2007

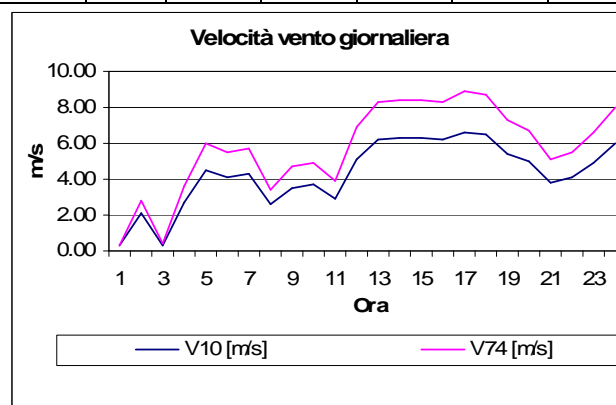
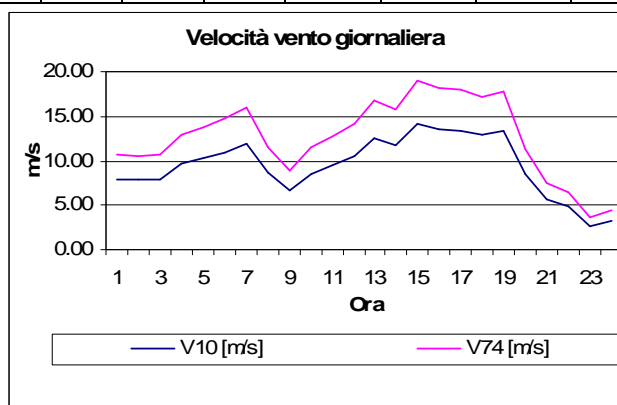
Elaborazioni - EM.ES S.r.L.

giorno 25

giorno 26

ora	V10	V74	Dv	SD	Ta	Pa	V alim
[h]	[m/s]	[m/s]	[gradi]	[gradi]	[°C]	[mbar]	[V]
100	7.97	10.65	258.3	2.744	32.55	1007	12.77
200	7.81	10.44	267.3	2.486	32.65	1007.1	12.75
300	7.97	10.66	273.1	3.346	32.42	1006.9	12.73
400	9.61	12.85	275.8	4.182	31.83	1006.5	12.71
500	10.31	13.78	271.6	3.345	31.52	1006.2	12.70
600	10.97	14.67	264.5	3.358	31.23	1006	12.69
700	11.97	16.00	262	3.754	31.31	1005.6	12.68
800	8.68	11.61	267	3.656	31.23	1006	12.68
900	6.64	8.87	260.8	3.858	30.93	1006.3	12.73
1000	8.54	11.42	256.9	3.558	30.57	1006	13.02
1100	9.56	12.78	257.4	3.554	32.05	1006.1	13.25
1200	10.52	14.06	269.6	3.723	33.97	1006	13.24
1300	12.47	16.67	276.7	3.998	35.08	1005.7	13.20
1400	11.81	15.79	282.3	5.868	35.59	1005.6	13.16
1500	14.22	19.01	282.6	5.562	35.76	1004.7	13.15
1600	13.53	18.08	273.9	4.718	35.94	1004.5	13.15
1700	13.40	17.91	261.5	4.09	36.5	1004.1	13.13
1800	12.83	17.16	263.6	5.008	36.7	1003.6	13.11
1900	13.37	17.87	270.5	6.254	37.39	1003.1	12.94
2000	8.50	11.37	302.8	18.43	34.83	1003.1	12.88
2100	5.62	7.52	14.33	16.87	28.65	1003.7	12.85
2200	4.80	6.42	8.54	8.03	27.66	1004.7	12.82
2300	2.69	3.60	295.8	16.67	27.32	1005.4	12.81
2400	3.31	4.43	288	10.76	27.57	1006.1	12.77

V10	V74	Dv	SD	Ta	Pa	V alim
[m/s]	[m/s]	[gradi]	[gradi]	[°C]	[mbar]	[V]
0.26	0.35	343.7	40.63	28.06	1006.8	12.75
2.08	2.78	47.66	13.19	28.46	1007.2	12.73
0.29	0.39	317.1	34.88	28.74	1007.6	12.71
2.70	3.61	273.6	10.96	26.96	1007.8	12.69
4.49	6.00	298	4.913	26.9	1007.8	12.68
4.14	5.54	356.7	10.54	27.17	1008.2	12.66
4.29	5.74	350.4	4.89	26.59	1008.6	12.66
2.58	3.44	298.1	8.7	26.04	1008.9	12.66
3.54	4.73	281.9	4.622	25.91	1009.4	12.76
3.66	4.90	286.7	3.727	26.08	1009.8	13.17
2.93	3.92	327.2	7.62	26.36	1010.3	13.36
5.14	6.87	11.67	4.639	26.85	1010.6	13.43
6.24	8.34	21.55	4.174	26.96	1011	13.45
6.29	8.40	27.05	4.586	26.92	1011.3	13.46
6.28	8.39	28.6	4.541	26.74	1011.3	13.45
6.18	8.26	32.72	5.5	26.64	1011.4	13.42
6.63	8.87	37.15	5.151	26.54	1011.4	13.44
6.51	8.70	43.5	4.375	26.65	1011.1	13.35
5.44	7.27	43.97	5.245	26.86	1011.1	12.94
5.04	6.73	41.51	4.562	27.18	1011	12.88
3.82	5.11	21.41	5.209	27.48	1011	12.86
4.08	5.46	355.1	4.852	27.37	1010.9	12.83
4.95	6.61	351.1	4.759	27.03	1011.2	12.82
6.01	8.03	358.7	4.069	26.97	1011.5	12.77



LUGLIO 2007

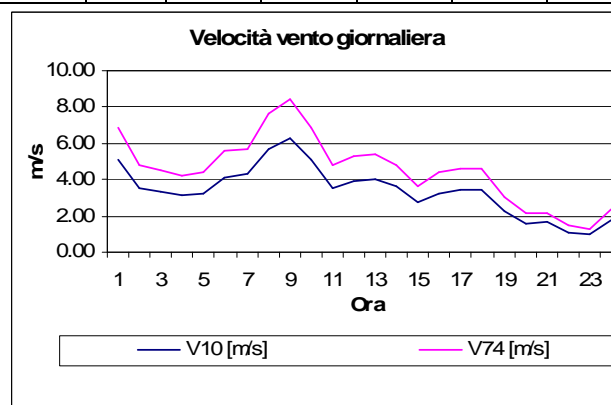
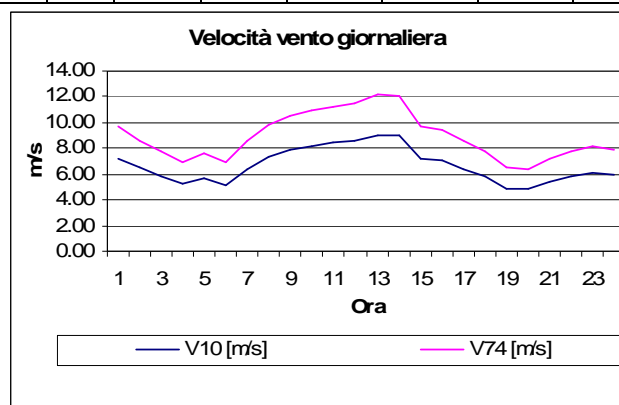
Elaborazioni - EM.ES S.r.L.

giorno 27

giorno 28

ora	V10	V74	Dv	SD	Ta	Pa	V alim
[h]	[m/s]	[m/s]	[gradi]	[gradi]	[°C]	[mbar]	[V]
100	7.27	9.72	14.43	4.554	26.86	1011.5	12.75
200	6.46	8.63	12.91	4.724	26.77	1011.9	12.73
300	5.84	7.80	16.89	4.333	26.72	1011.9	12.71
400	5.20	6.95	2.056	6.484	26.43	1011.9	12.70
500	5.72	7.64	319.9	5.329	25.77	1011.7	12.68
600	5.14	6.87	311.7	6.146	25.41	1011.6	12.66
700	6.42	8.58	331.5	5.562	25.75	1011.5	12.65
800	7.36	9.84	341.3	4.385	25.58	1011.5	12.66
900	7.93	10.60	336.6	4.698	25.56	1011.8	12.80
1000	8.20	10.96	339.6	4.998	25.55	1012.1	13.23
1100	8.43	11.27	349.2	4.596	25.55	1012.3	13.45
1200	8.59	11.49	2.88	4.444	25.7	1012.5	13.50
1300	9.07	12.13	6.061	4.342	25.75	1012.7	13.51
1400	8.98	12.00	9.55	3.99	25.8	1012.9	13.51
1500	7.25	9.69	21.12	4.806	26.23	1012.9	13.48
1600	7.01	9.37	35.06	4.872	26.37	1012.8	13.41
1700	6.38	8.53	35.87	4.107	26.57	1012.7	13.45
1800	5.79	7.74	46.43	4.958	26.81	1012.3	13.34
1900	4.89	6.53	42.59	5.53	27.02	1012.2	12.92
2000	4.78	6.40	28.39	6.012	26.95	1012.1	12.87
2100	5.40	7.22	13.25	5.729	26.74	1012	12.86
2200	5.77	7.71	1.904	5.253	26.71	1012.1	12.84
2300	6.15	8.22	355.3	5.121	26.67	1012.2	12.83
2400	5.95	7.95	351.4	4.975	26.85	1012.4	12.78

V10	V74	Dv	SD	Ta	Pa	V alim
[m/s]	[m/s]	[gradi]	[gradi]	[°C]	[mbar]	[V]
5.13	6.85	344.1	6.412	26.93	1012.7	12.75
3.56	4.76	298.2	6.291	26.28	1012.8	12.73
3.35	4.48	305.1	8.58	26.32	1012.7	12.71
3.15	4.21	320.6	9.25	26.21	1012.5	12.69
3.27	4.37	304	10.07	25.82	1012.4	12.68
4.15	5.55	335.5	9.56	25.96	1012.4	12.66
4.27	5.71	292.9	7.84	24.8	1012.5	12.65
5.73	7.67	282.5	4.529	24.15	1012.6	12.65
6.29	8.40	281	4.66	23.69	1012.9	12.83
5.14	6.87	287.9	4.719	24.84	1013.2	13.27
3.57	4.78	311.8	8.29	25.94	1013.5	13.44
3.96	5.30	355.1	8.78	26.81	1013.7	13.44
4.04	5.40	5.679	5.678	27.08	1013.8	13.42
3.62	4.84	8.04	6.534	27.21	1014	13.39
2.75	3.68	29.5	7.43	27.2	1014	13.38
3.28	4.39	50.3	5.621	27.3	1013.8	13.33
3.42	4.57	55.51	5.378	27.18	1013.6	13.37
3.47	4.64	66.25	5.066	27.19	1013.2	13.28
2.29	3.06	74.8	8.34	27.4	1012.9	12.91
1.58	2.12	30.28	11.62	27.62	1012.7	12.87
1.63	2.18	317.7	10.92	27.66	1012.5	12.86
1.07	1.43	304.3	12.76	27.87	1012.3	12.84
0.98	1.31	310.1	11.43	27.32	1012.4	12.83
1.76	2.35	308.1	8.25	27.03	1012.8	12.78



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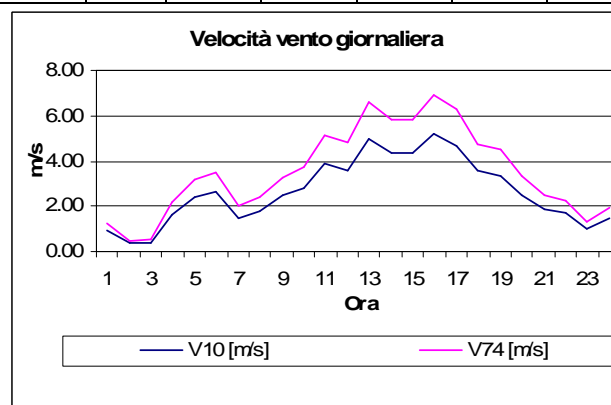
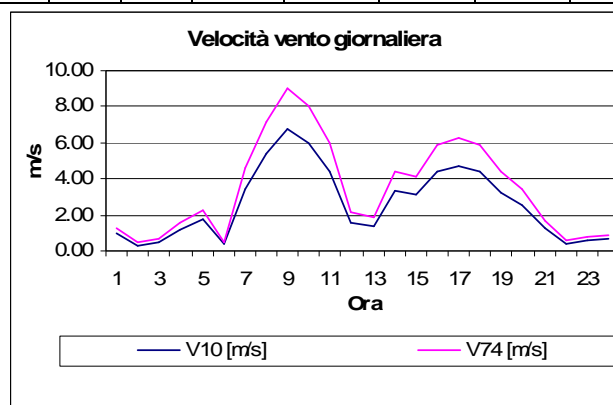
Elaborazioni - EM.ES S.r.L.

giorno 29

giorno 30

ora [h]	V10 [m/s]	V74 [m/s]	Dv [gradi]	SD [gradi]	Ta [°C]	Pa [mbar]	V alim [V]
100	0.98	1.31	313.1	13.08	27.15	1012.8	12.76
200	0.33	0.45	275.6	21.19	26.7	1012.9	12.73
300	0.50	0.67	236.4	12.95	26.57	1012.9	12.71
400	1.14	1.52	202.3	7.49	26.69	1012.7	12.69
500	1.72	2.30	180.9	6.52	26.72	1012.5	12.67
600	0.38	0.50	216.6	11.2	26.7	1012.5	12.66
700	3.42	4.57	296.2	4.91	26.09	1012.2	12.65
800	5.35	7.15	280.8	3.734	25.05	1012.2	12.65
900	6.77	9.05	283.1	3.213	24.95	1012.1	12.80
1000	6.02	8.05	285.7	3.073	25.64	1012.3	13.24
1100	4.46	5.96	282.5	4.167	26.94	1012.5	13.40
1200	1.58	2.12	304.3	6.801	27.98	1012.6	13.35
1300	1.36	1.82	87.5	8.46	28.32	1012.6	13.27
1400	3.32	4.43	92.2	3.491	27.66	1012.5	13.23
1500	3.09	4.14	83.5	4.142	27.49	1012.2	13.24
1600	4.41	5.90	93.4	3.358	27.56	1011.7	13.24
1700	4.66	6.23	103	3.423	27.81	1011.3	13.26
1800	4.37	5.84	101.2	5.772	27.68	1011	13.21
1900	3.28	4.39	138.3	5.556	27.46	1010.7	12.91
2000	2.60	3.47	134.7	6.965	27.54	1010.2	12.87
2100	1.24	1.66	118.4	10.34	27.97	1010.1	12.85
2200	0.40	0.54	122.1	13.13	28.23	1010	12.83
2300	0.56	0.74	215.9	9.04	27.47	1010.1	12.82
2400	0.65	0.86	152.7	9.38	26.98	1010.3	12.78

V10 [m/s]	V74 [m/s]	Dv [gradi]	SD [gradi]	Ta [°C]	Pa [mbar]	V alim [V]
0.94	1.26	137.6	12.46	26.9	1010.6	12.75
0.36	0.48	99.9	12.95	26.99	1010.8	12.73
0.42	0.56	325.4	22.36	26.7	1010.6	12.71
1.65	2.21	285.9	8.26	26.73	1010.2	12.69
2.41	3.22	289.4	5.726	26.45	1009.8	12.67
2.63	3.52	299.3	7.59	26.58	1009.5	12.66
1.51	2.02	277.9	7.54	26.45	1009.4	12.65
1.80	2.41	297.7	6.824	26.23	1009.6	12.65
2.46	3.29	304.7	6.616	26.52	1009.9	12.77
2.76	3.69	297.4	6.498	26.42	1010.3	13.18
3.85	5.15	291.4	4.133	26.6	1010.3	13.36
3.61	4.82	339.8	5.163	26.85	1010.2	13.39
4.95	6.62	10.61	3.806	26.87	1010.1	13.42
4.34	5.80	24.15	4.045	27.15	1009.8	13.42
4.34	5.80	43.91	4.492	27.35	1009.6	13.40
5.17	6.91	61.34	3.891	27.17	1009	13.38
4.68	6.26	66.46	3.893	27.17	1008.5	13.36
3.56	4.77	61.17	5.328	27.47	1008.1	13.30
3.35	4.47	67.55	4.612	27.75	1007.7	12.93
2.48	3.32	58.96	5.68	28.06	1007.5	12.87
1.85	2.48	23.1	7.01	28.23	1007.2	12.85
1.70	2.28	29.12	9.12	27.83	1007.3	12.83
1.00	1.34	355.3	9.27	27.28	1007.3	12.82
1.46	1.95	332.8	7.77	27.18	1007.4	12.77

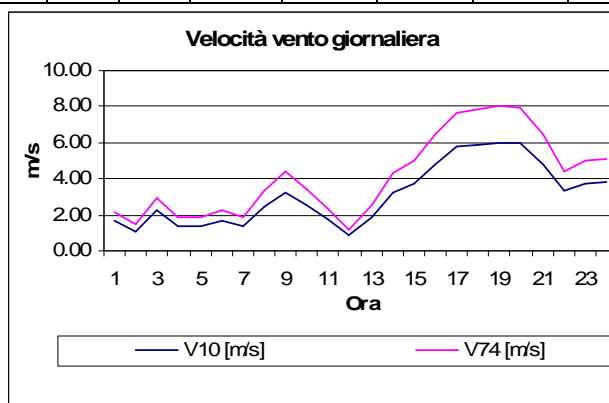


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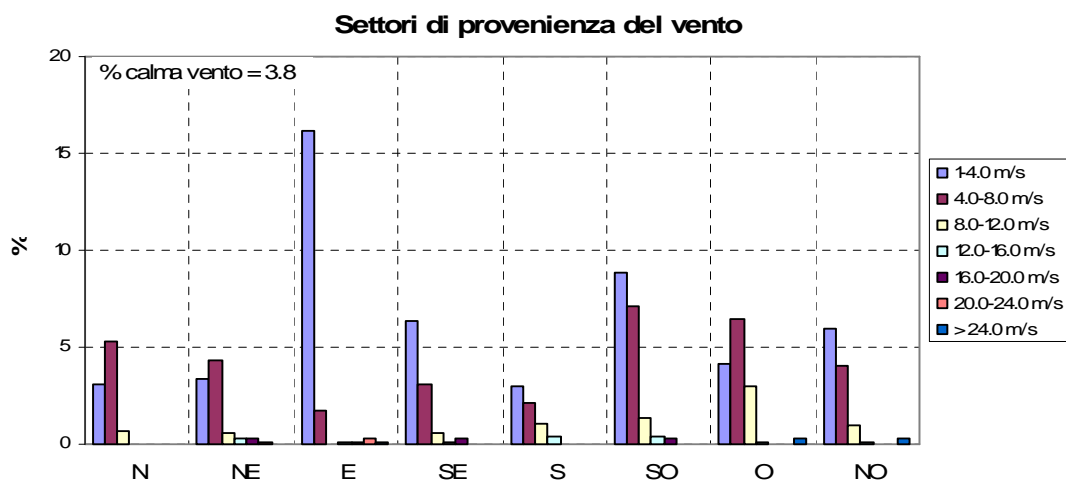
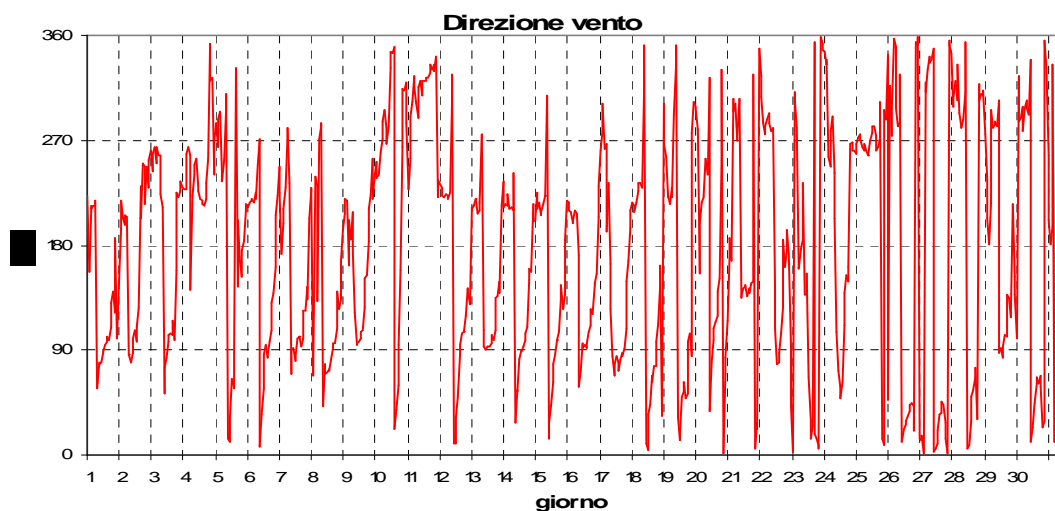
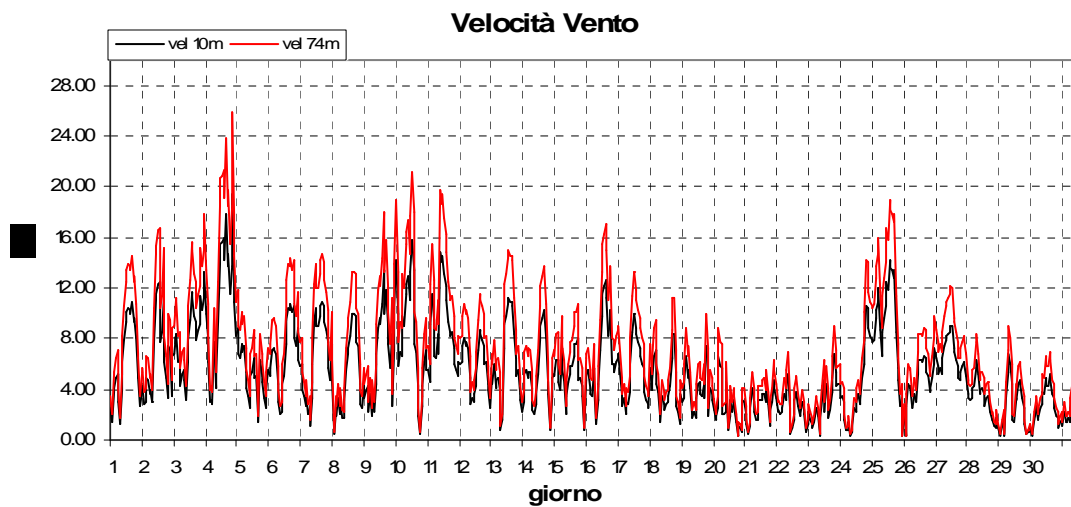
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ora	V10	V74	Dv	SD	Ta	Pa	V alim
[h]	[m/s]	[m/s]	[gradi]	[gradi]	[°C]	[mbar]	[V]
100	1.63	2.17	257	6.149	27.18	1007.1	12.75
200	1.08	1.45	202.2	8.12	26.95	1006.8	12.73
300	2.24	2.99	180.1	4.64	27.08	1006.4	12.71
400	1.41	1.89	196.6	10.91	27.19	1005.8	12.69
500	1.38	1.84	335.6	15.76	27.32	1005.4	12.68
600	1.66	2.22	11.05	12.39	26.87	1005.3	12.66
700	1.41	1.89	339.5	8.37	26.8	1005.1	12.65
800	2.48	3.32	293.2	6.337	26.37	1005.1	12.65
900	3.27	4.37	293.2	7.28	26.37	1004.9	12.75
1000	2.58	3.45	281.8	6.696	26.29	1004.8	13.19
1100	1.78	2.38	235.5	7.59	26.64	1004.9	13.35
1200	0.89	1.19	310.7	12.59	27.24	1004.8	13.34
1300	1.89	2.52	58.58	6.427	27.27	1004.8	13.32
1400	3.23	4.31	83.8	4.428	27.46	1004.6	13.29
1500	3.76	5.03	90.4	4.974	27.63	1004.4	13.25
1600	4.85	6.48	104.2	4.244	27.58	1004.1	13.25
1700	5.74	7.68	105.1	3.495	27.8	1003.6	13.28
1800	5.89	7.88	127.2	4.352	27.74	1003.2	13.23
1900	6.01	8.04	139.4	4.213	27.57	1002.9	12.91
2000	5.97	7.98	137.3	3.909	27.57	1002.8	12.88
2100	4.82	6.45	132.9	4.318	27.7	1002.7	12.88
2200	3.32	4.44	154.8	5.326	27.56	1003.1	12.83
2300	3.74	5.00	96.3	8.26	27.19	1004.1	12.82
2400	3.82	5.10	73.3	5.867	27.1	1004.9	12.77



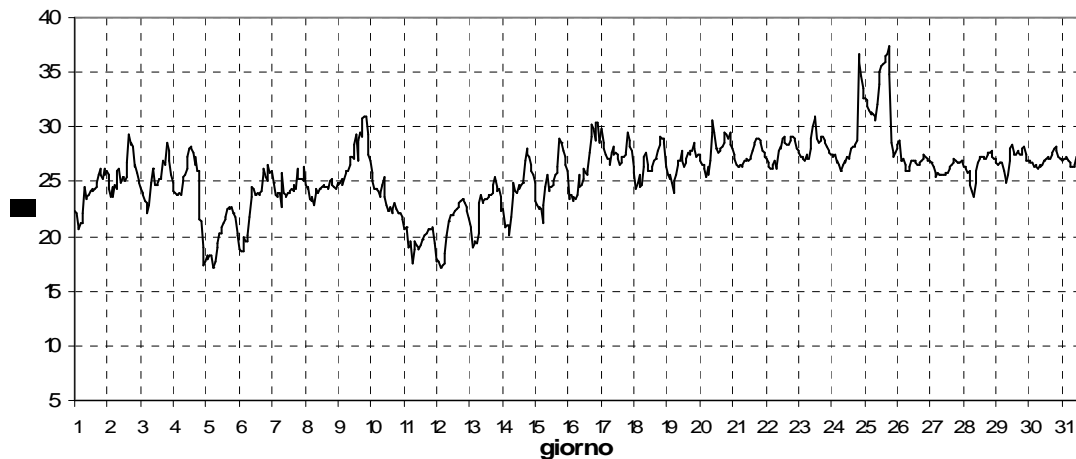
3 Grafici degli andamenti mensili dei parametri misurati

3.1 Grafici dell'andamento dei venti

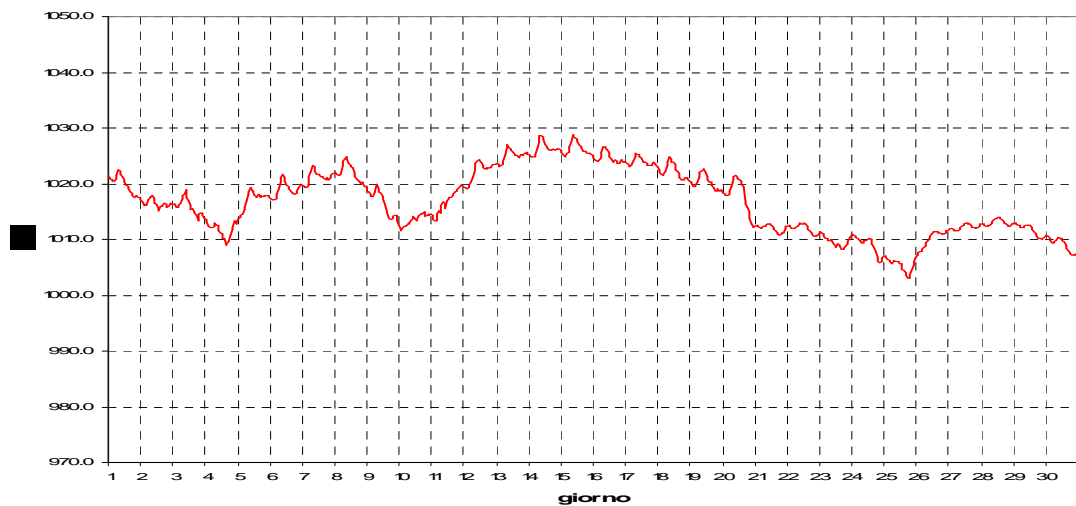


3.2 Grafici delle temperature e della pressione atmosferica

Temperatura aria



Pressione atmosferica



Temperatura box; alimentazione

