



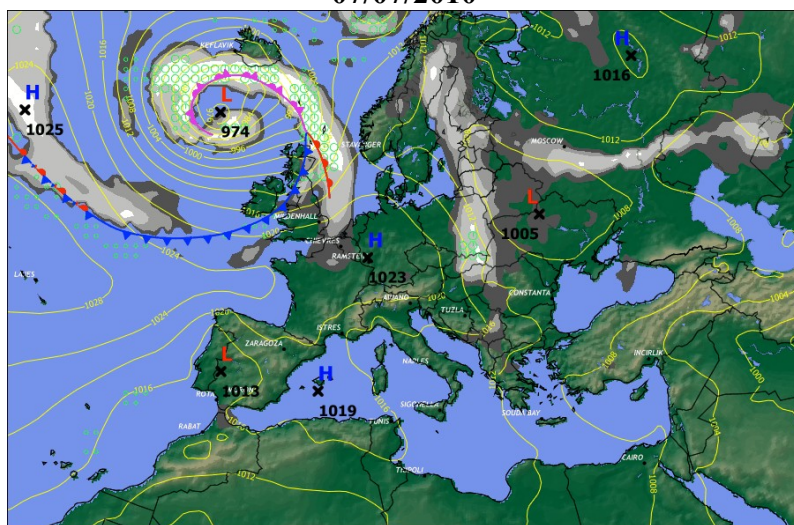
Bollettino Quotidiano
08 Luglio 2010

Centro Regionale della Qualità dell'Aria

e-mail : craria@arpalazio.it

CENTRO REGIONALE DELLA QUALITA' DELL'ARIA (07, 08 e 09 Luglio 2010)

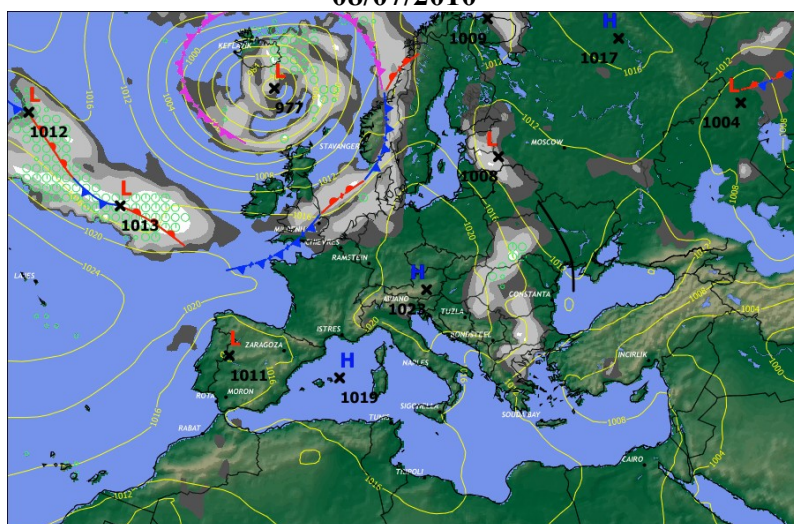
07/07/2010



24HR SFC PROG

VT: 07 JUL 00Z POSTED AT: 06/1606Z

08/07/2010



24HR SFC PROG

VT: 08 JUL 00Z POSTED AT: 07/0847Z

MID-CLOUD 060-140 MSL
FEW SCT BKN OVC

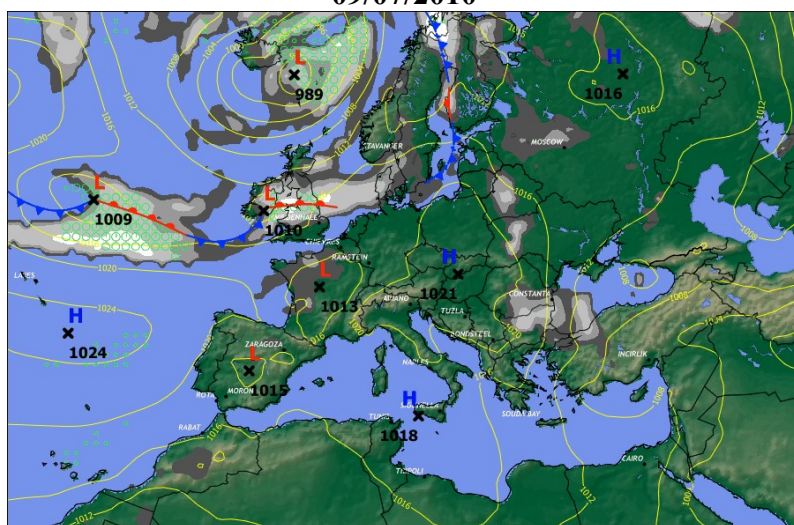
DYNAMIC PRECIP RATE AT VT

0.03 0.1 0.5 4.0

RAIN MM/HR

SNOW MM/HR

09/07/2010



48HR SFC PROG

VT: 09 JUL 00Z POSTED AT: 07/0848Z

MID-CLOUD 060-140 MSL
FEW SCT BKN OVC

DYNAMIC PRECIP RATE AT VT

0.03 0.1 0.5 4.0

RAIN MM/HR

SNOW MM/HR

Situazione meteorologica a grande scala

Nei prossimi giorni sono previste condizioni di prevalente bel tempo sull'Italia Centrale.

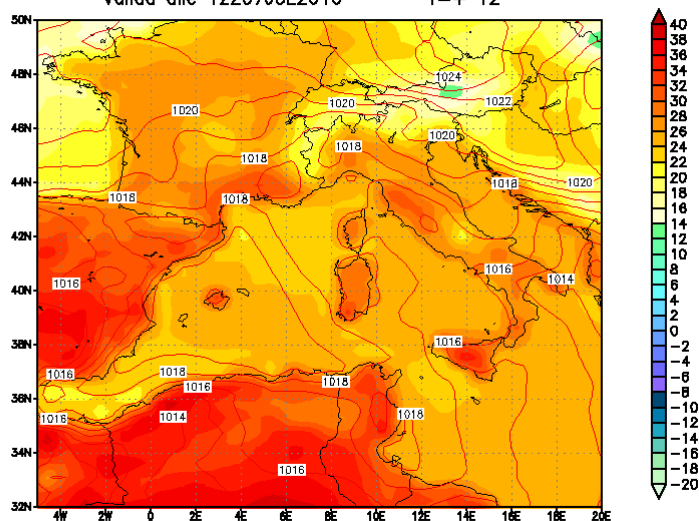
07/07/2010

Modello UKMO — Pressione slm (hPa)e Temperatura a 1.5m (C)

Run del 00Z07JUL2010

Valida alle 12Z07JUL2010

T=+ 12



MetOffice per 3bmeteo.com

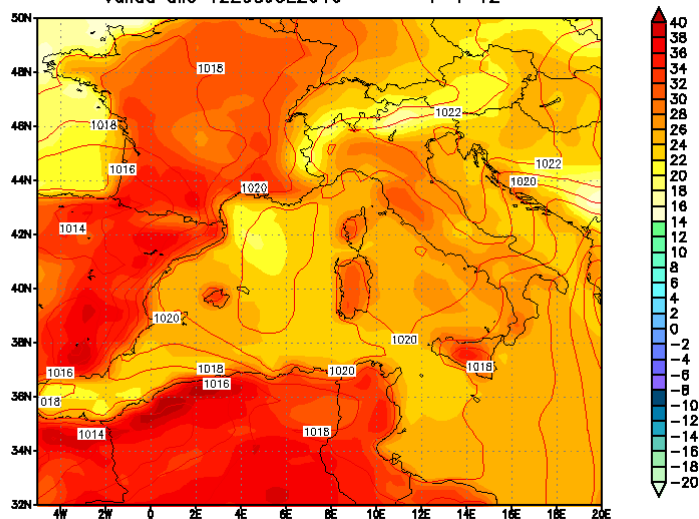
08/07/2010

Modello UKMO — Pressione slm (hPa)e Temperatura a 1.5m (C)

Run del 00Z08JUL2010

Valida alle 12Z08JUL2010

T=+ 12



MetOffice per 3bmeteo.com

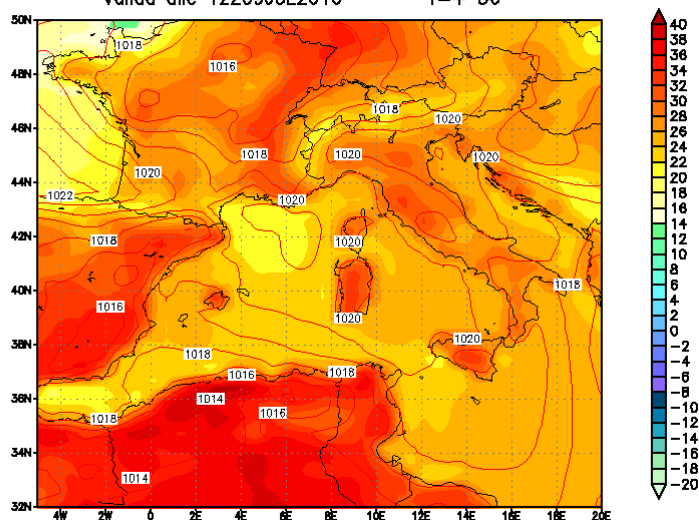
09/07/2010

Modello UKMO — Pressione slm (hPa)e Temperatura a 1.5m (C)

Run del 00Z08JUL2010

Valida alle 12Z09JUL2010

T=+ 36



MetOffice per 3bmeteo.com

Campi di pressione e temperatura al suolo a grande scala

Non sono previste importanti variazioni della temperatura.

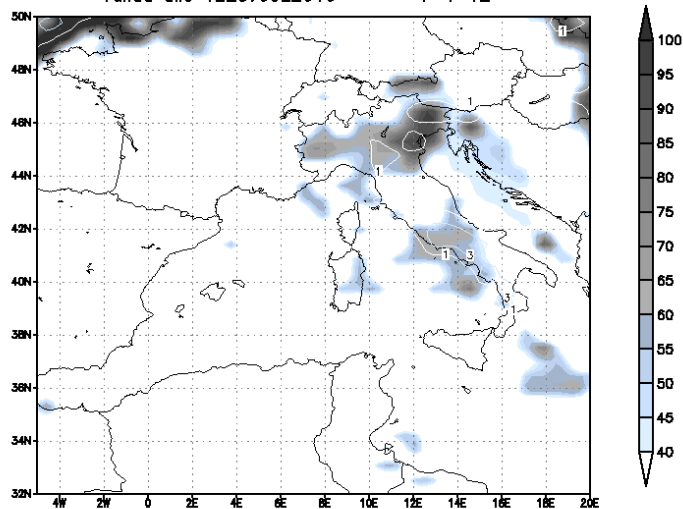
07/07/2010

Modello UKMO — Copertura Nuvolosa Totale (%) e Precipitazione 6h (mm)

Run del 00Z07JUL2010

Valida alle 12Z07JUL2010

T=+ 12



MetOffice per 3bmeteo.com

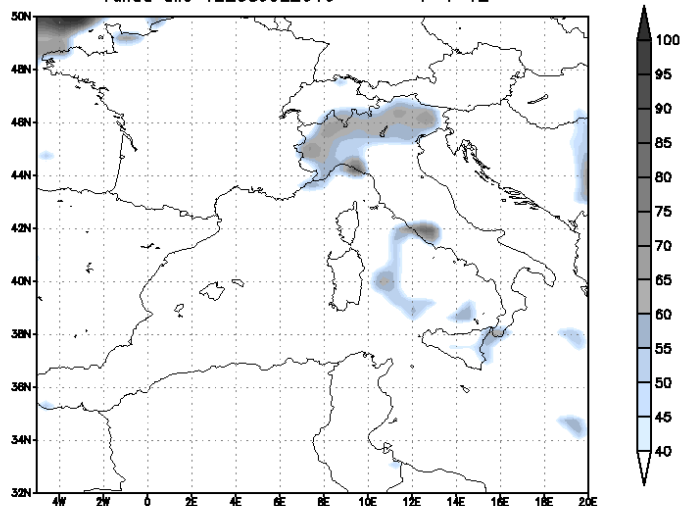
08/07/2010

Modello UKMO — Copertura Nuvolosa Totale (%) e Precipitazione 6h (mm)

Run del 00Z08JUL2010

Valida alle 12Z08JUL2010

T=+ 12



MetOffice per 3bmeteo.com

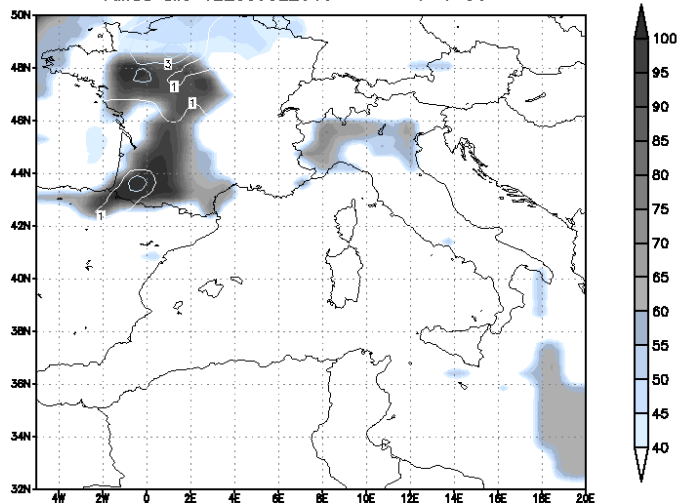
09/07/2010

Modello UKMO — Copertura Nuvolosa Totale (%) e Precipitazione 6h (mm)

Run del 00Z08JUL2010

Valida alle 12Z09JUL2010

T=+ 36



MetOffice per 3bmeteo.com

Copertura nuvolosa e precipitazione
a grande scala

E' prevista la presenza di qualche
nube sulle regioni del Centro Italia.

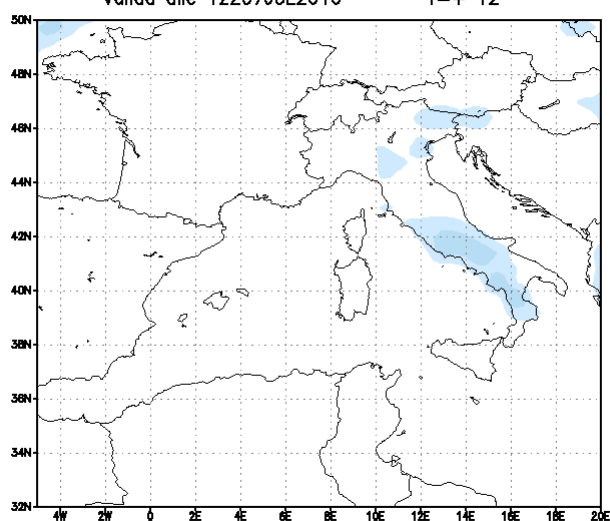
07/07/2010

Modello UKMO — Precipitazione cumulata in 6h (mm)

Run del 00Z07JUL2010

Valida alle 12Z07JUL2010

T=+ 12



MetOffice per 3bmeteo.com

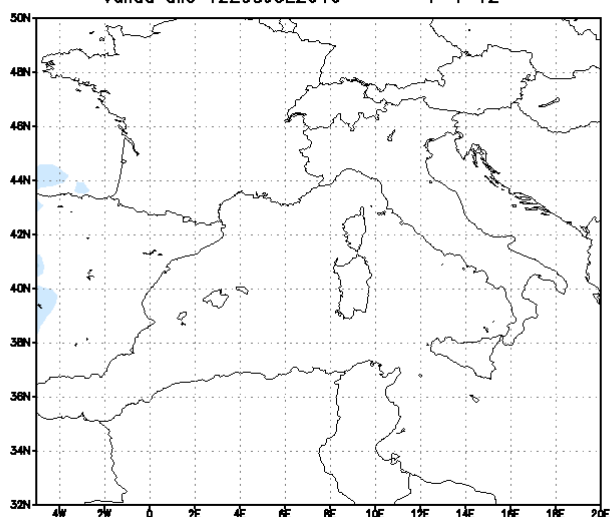
08/07/2010

Modello UKMO — Precipitazione cumulata in 6h (mm)

Run del 00Z08JUL2010

Valida alle 12Z08JUL2010

T=+ 12



MetOffice per 3bmeteo.com

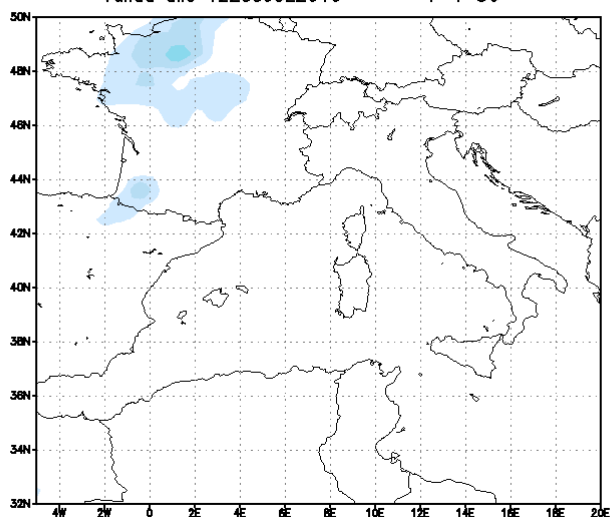
09/07/2010

Modello UKMO — Precipitazione cumulata in 6h (mm)

Run del 00Z08JUL2010

Valida alle 12Z09JUL2010

T=+ 36



MetOffice per 3bmeteo.com

Precipitazione a grande scala

Non sono previste precipitazioni
nelle regioni centrali dell'Italia.

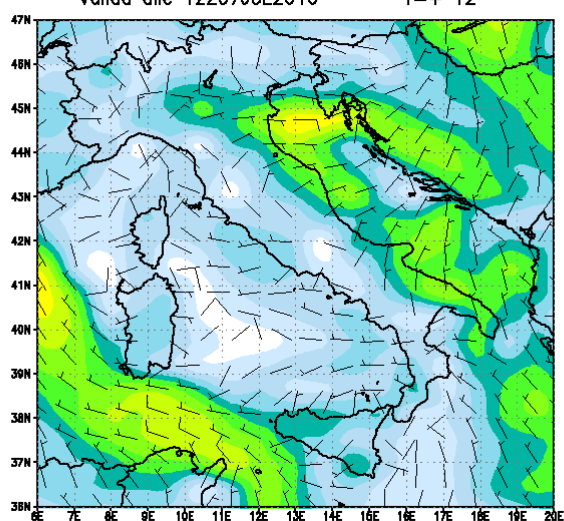
07/07/2010

Modello UKMO — Vento a 10 metri (m/s)

Run del 00Z07JUL2010

Valida alle 12Z07JUL2010

T=+ 12



MetOffice per 3bmeteo.com

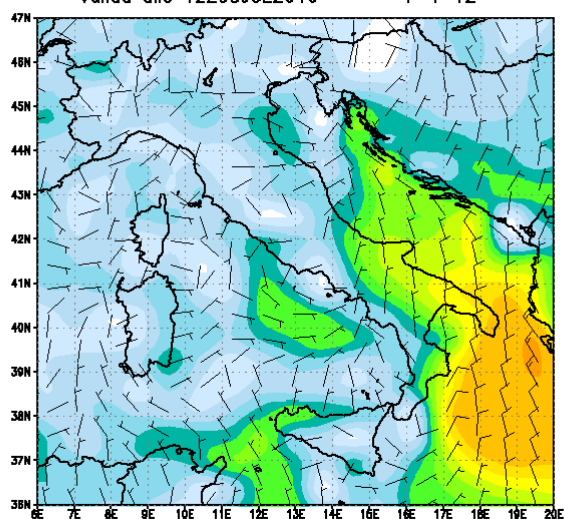
08/07/2010

Modello UKMO — Vento a 10 metri (m/s)

Run del 00Z08JUL2010

Valida alle 12Z08JUL2010

T=+ 12



MetOffice per 3bmeteo.com

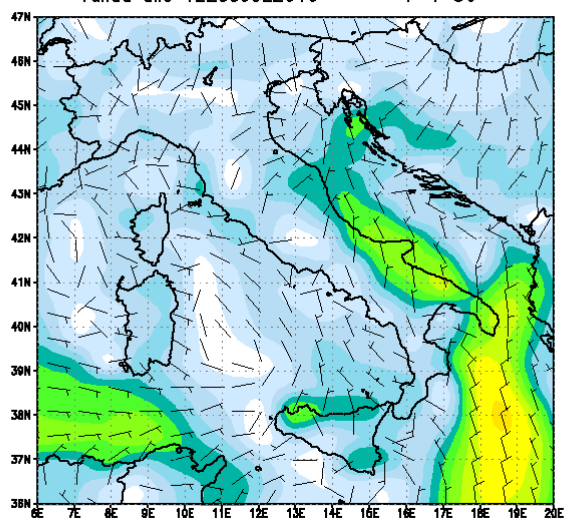
09/07/2010

Modello UKMO — Vento a 10 metri (m/s)

Run del 00Z08JUL2010

Valida alle 12Z09JUL2010

T=+ 36



MetOffice per 3bmeteo.com

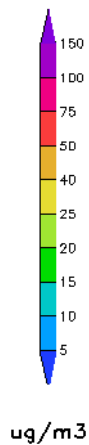
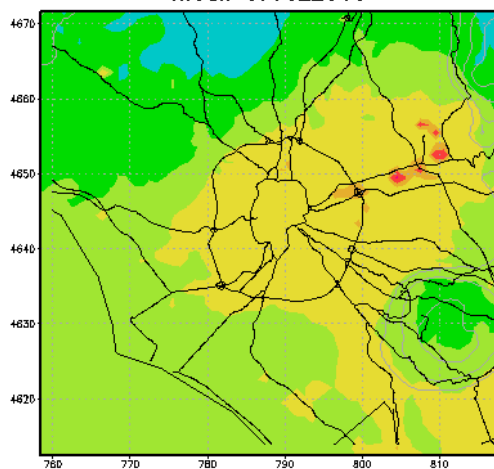
Campi di vento a grande scala

Non e' prevista un'importante variazione dell'intensita' della velocita' dei venti.

PM10 media giornaliera prevista – Previsioni Arpalazio

07/07/2010

mean 07JUL2010

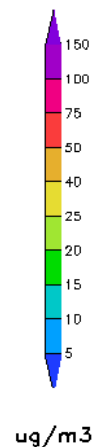
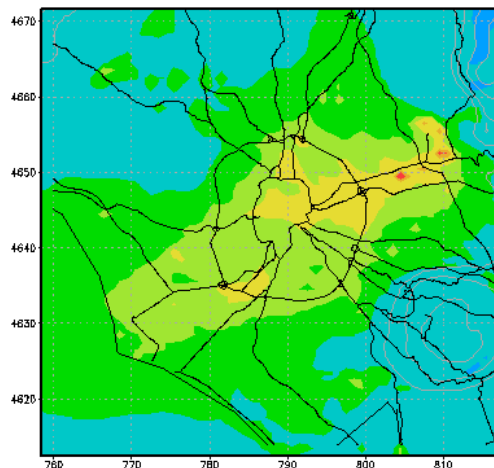


GRADS: COLA/IGES

2010-07-07-10:10

08/07/2010

mean 08JUL2010

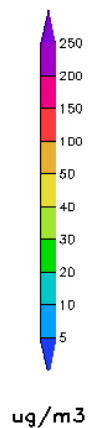
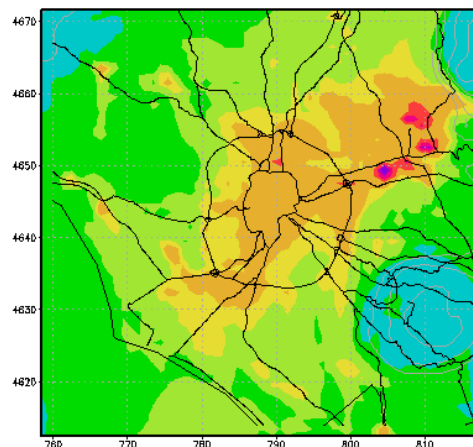


GRADS: COLA/IGES

2010-07-08-10:06

09/07/2010

max 09JUL2010



GRADS: COLA/IGES

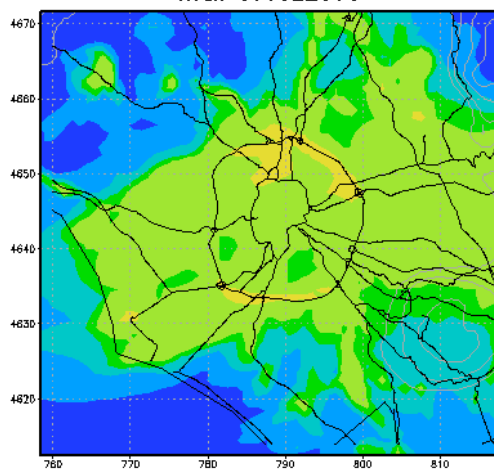
2010-07-08-10:32

Il sistema previsionale mostra un significativo aumento della concentrazione di PM10 nell'area metropolitana di Roma.

NO2 – valore massimo previsto (ARPALAZIO)

07/07/2010

max 07JUL2010



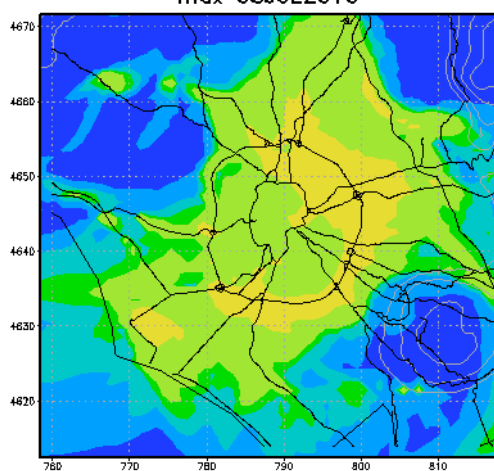
ug/m3

GIS: COLA/IGES

2010-07-07-10:10

08/07/2010

max 08JUL2010



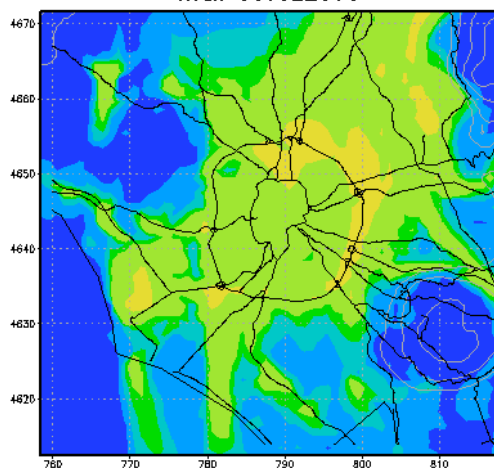
ug/m3

GIS: COLA/IGES

2010-07-08-10:06

09/07/2010

max 09JUL2010



ug/m3

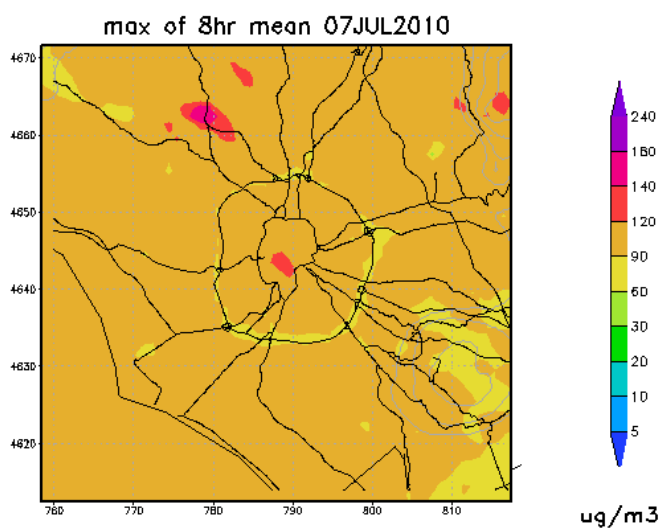
GIS: COLA/IGES

2010-07-09-10:32

Il sistema previsionale mostra una lieve diminuzione della concentrazione massima giornaliera di NO2 nell'area metropolitana di Roma.

O3 – valore massimo (media mobile su 8 ore) previsto (ARPALAZIO)

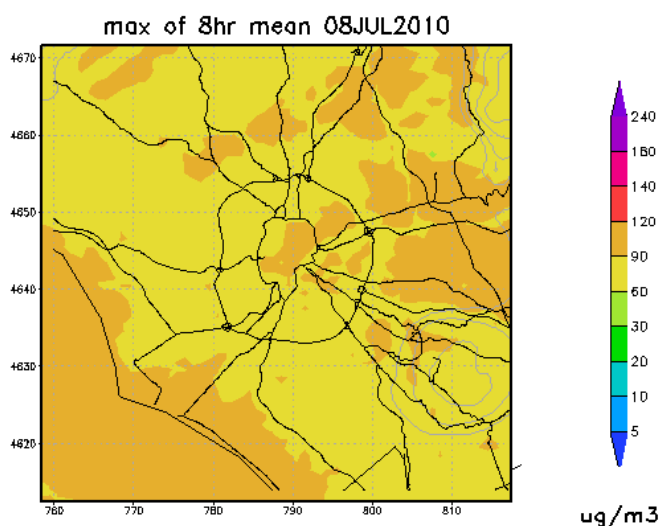
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GIS: COLLA/IGES

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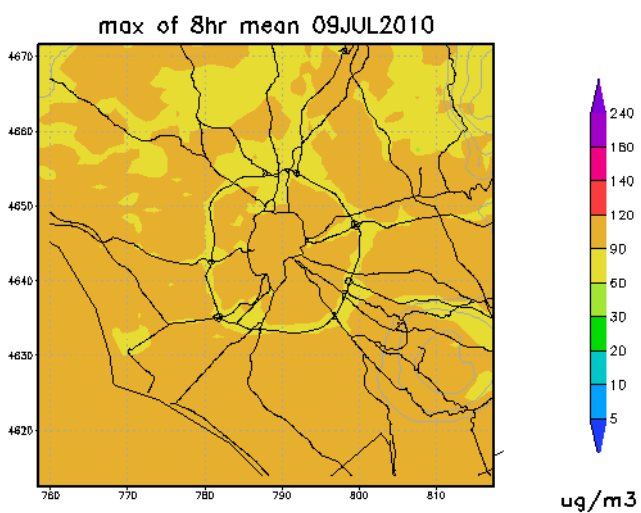
08/07/2010



GIS: COLLA/IGES

2010-07-08-10:06

09/07/2010



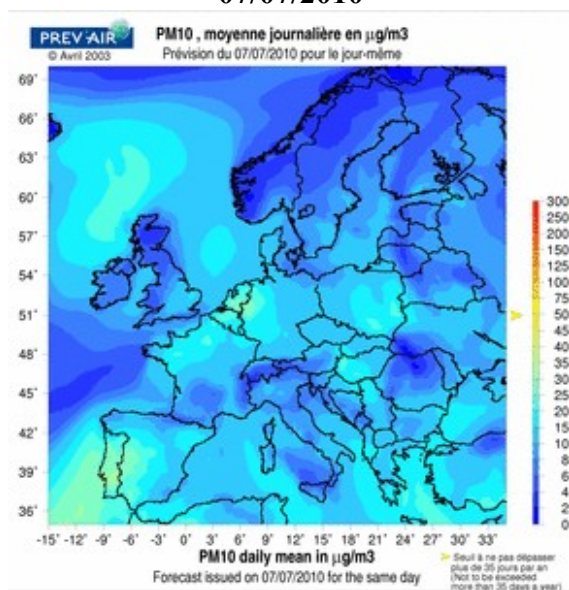
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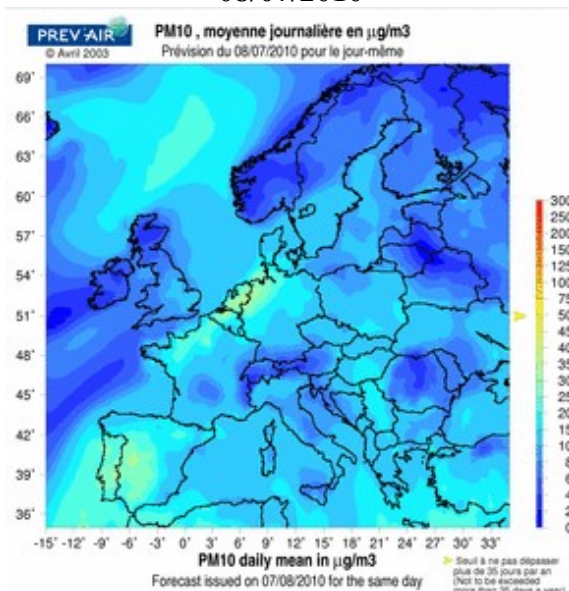
Il sistema previsionale mostra un lieve aumento della concentrazione massima giornaliera mediata sulle 8 ore di O3 nell'area metropolitana di Roma.

PM10 – Valore medio previsto (CHIMERE)

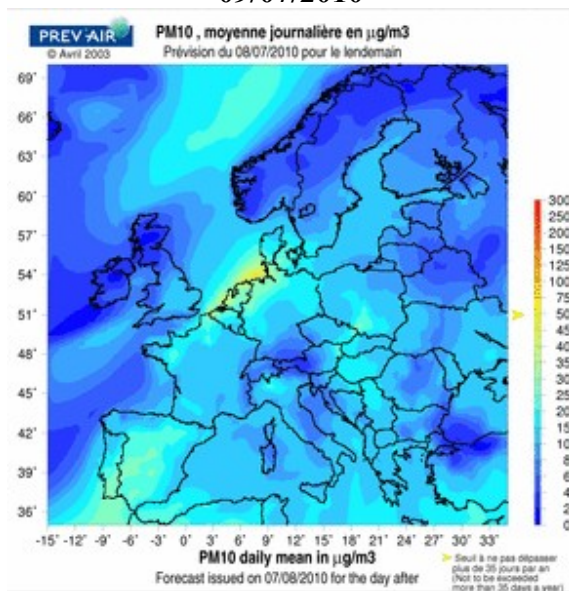
07/07/2010



08/07/2010



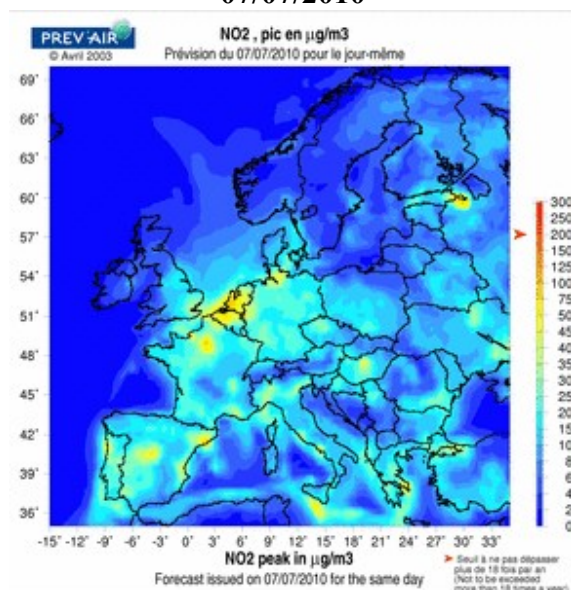
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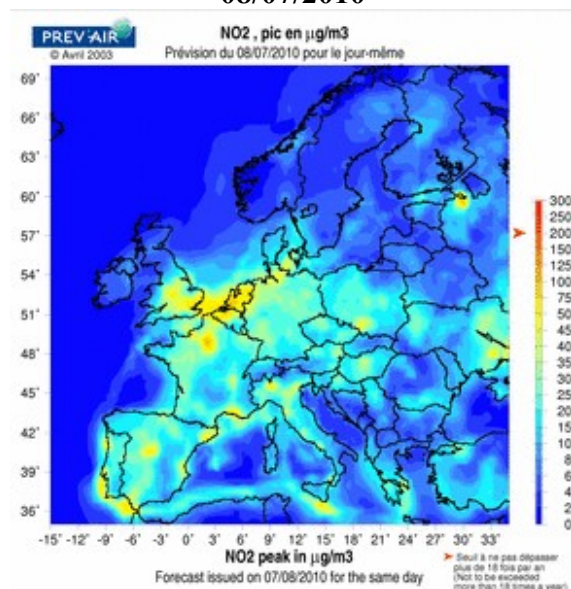
La ricostruzione modellistica effettuata con CHIMERE (ad opera di prev'air, Ministero della Repubblica Francese) mostra un lieve aumento della concentrazione media di PM10.

NO2 – Valore massimo previsto (CHIMERE)

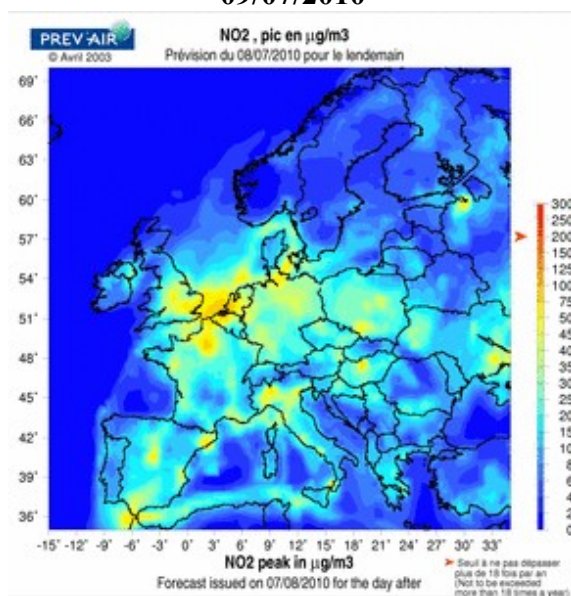
07/07/2010



08/07/2010



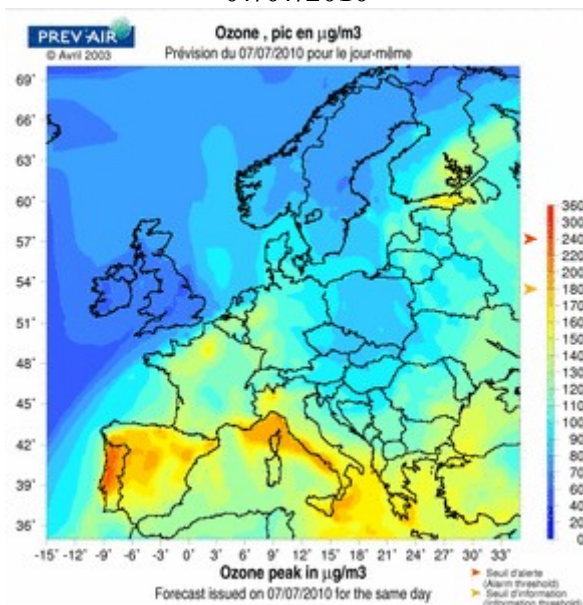
09/07/2010



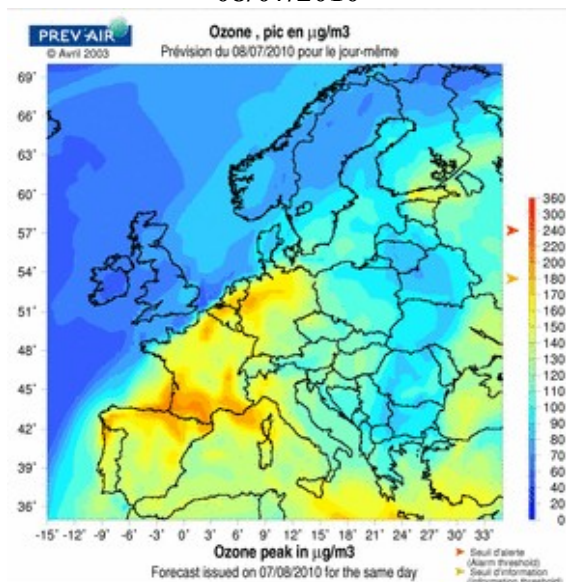
La ricostruzione modellistica effettuata con CHIMERE (ad opera di prev'air, Ministero della Repubblica Francese) non mostra importanti variazioni della concentrazione massima di NO2

O3 – Valore massimo previsto (CHIMERE)

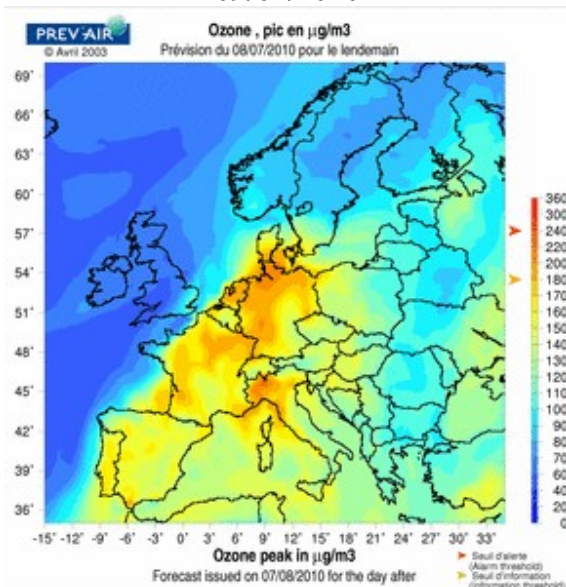
07/07/2010



08/07/2010



09/07/2010

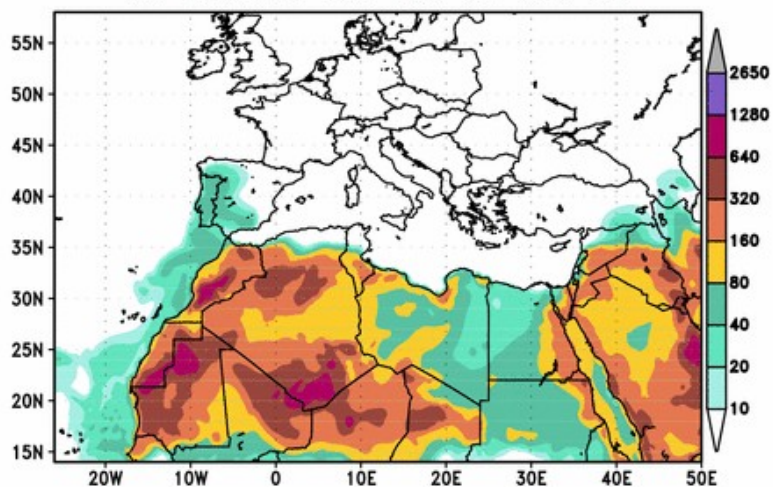


La ricostruzione modellistica effettuata con CHIMERE (ad opera di prev'air, Ministero della Repubblica Francese) mostra un lieve aumento della concentrazione massima di O3.

PM10 Previsioni di trasporto a lunga distanza – Modello DREAM

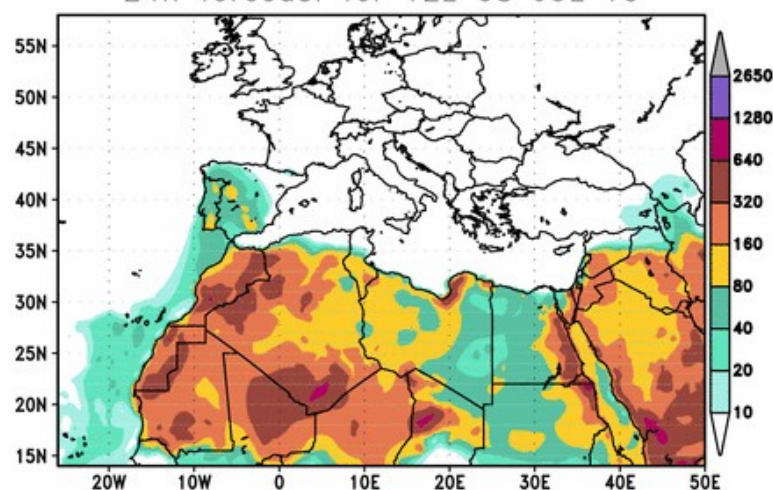
07/07/2010

BSC-DREAM8b Lowest Model Level Dust Conc. ($\mu\text{g}/\text{m}^3$)
0h forecast for 12z 07 JUL 10



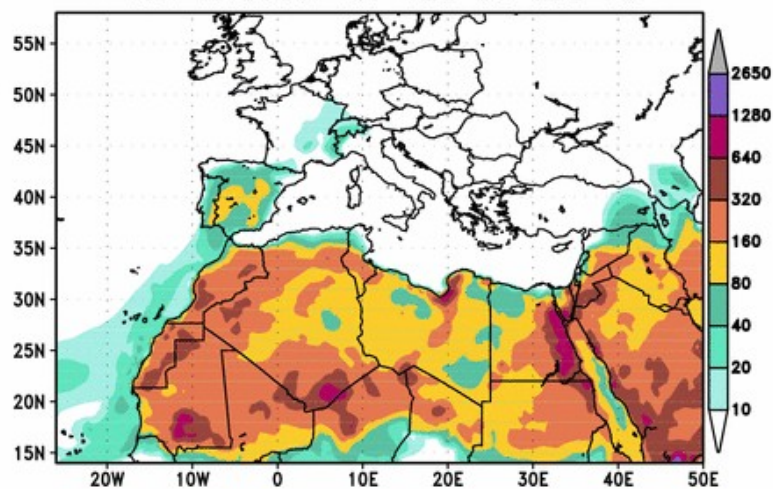
08/07/2010

BSC-DREAM8b Lowest Model Level Dust Conc. ($\mu\text{g}/\text{m}^3$)
24h forecast for 12z 08 JUL 10



09/07/2010

BSC-DREAM8b Lowest Model Level Dust Conc. ($\mu\text{g}/\text{m}^3$)
48h forecast for 12z 09 JUL 10



Non e' prevista influenza di eventi di trasporto da lunga distanza di PM10 provenienti dalle regioni nord-africane.

Variazione percentuale delle distribuzioni di concentrazione tra 2 giorni successivi Modello FARM (ARPALAZIO)

