



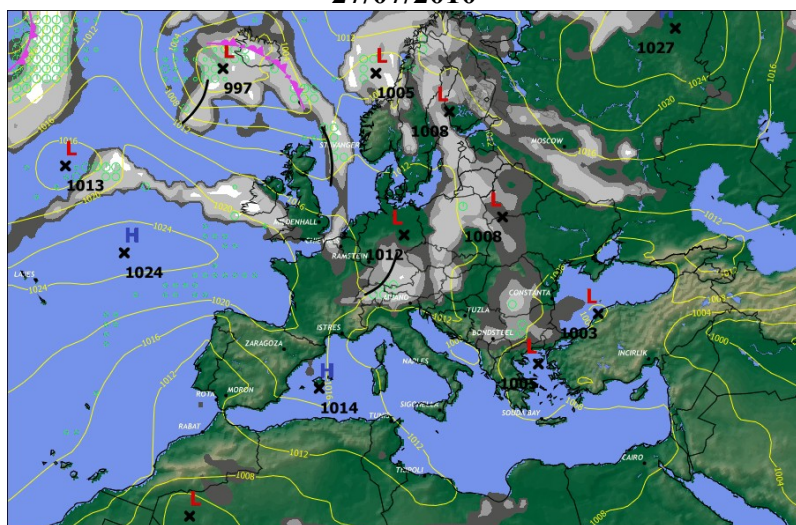
Bollettino Quotidiano
28 Luglio 2010

Centro Regionale della Qualità dell'Aria

e-mail : craria@arpalazio.it

CENTRO REGIONALE DELLA QUALITA' DELL'ARIA (27, 28 e 29 Luglio 2010)

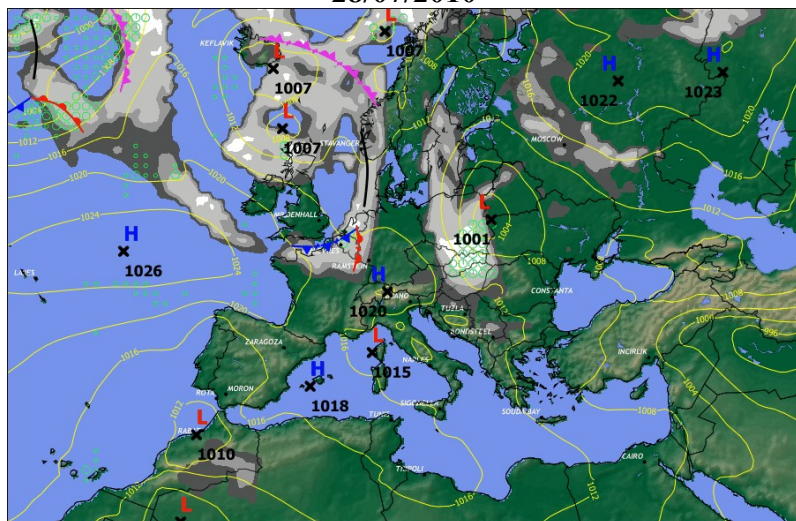
27/07/2010



24HR SFC PROG

VT: 27 JUL 00Z POSTED AT: 26/0750Z

28/07/2010



24HR SFC PROG

VT: 28 JUL 00Z POSTED AT: 27/0741Z

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 MMHR



29/07/2010



48HR SFC PROG

VT: 29 JUL 00Z POSTED AT: 27/0804Z

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 MMHR



Situazione meteorologica a grande scala

Nei prossimi e' previsto una forte instabilità delle condizioni meteorologiche sull'Italia Centrale.

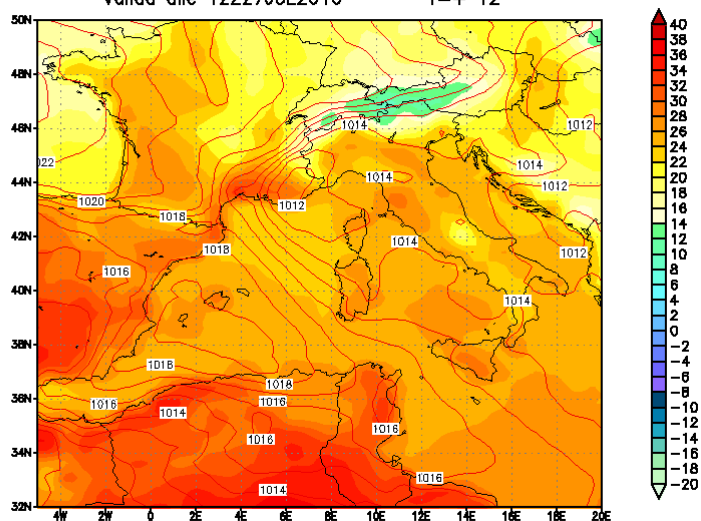
27/07/2010

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

Run del 00Z27JUL2010

Valida alle 12Z27JUL2010

T=+ 12



MetOffice per 3bmeteo.com

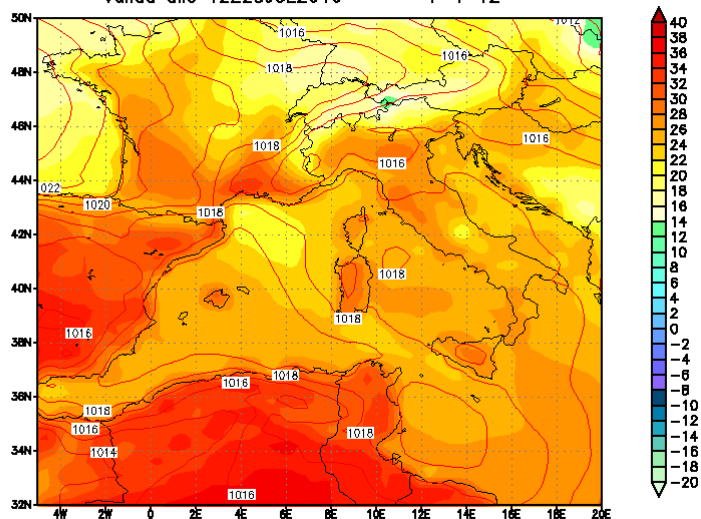
28/07/2010

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

Run del 00Z28JUL2010

Valida alle 12Z28JUL2010

T=+ 12



MetOffice per 3bmeteo.com

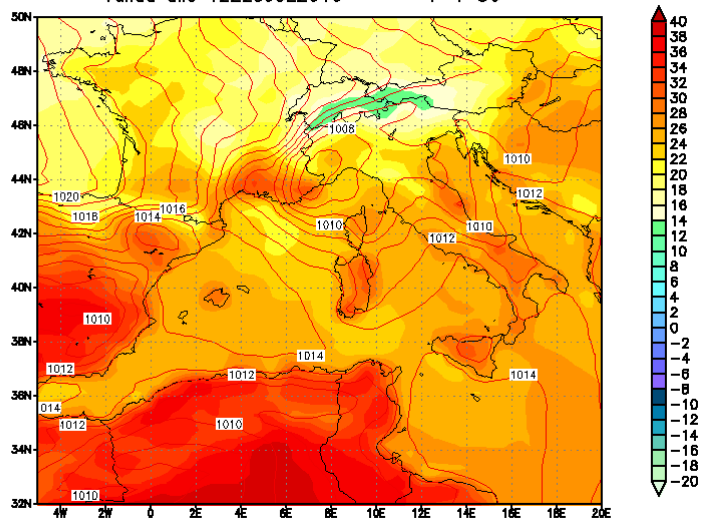
29/07/2010

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

Run del 00Z28JUL2010

Valida alle 12Z29JUL2010

T=+ 36



MetOffice per 3bmeteo.com

Campi di pressione e temperatura al suolo a grande scala

E' prevista una lieve diminuzione della temperatura.

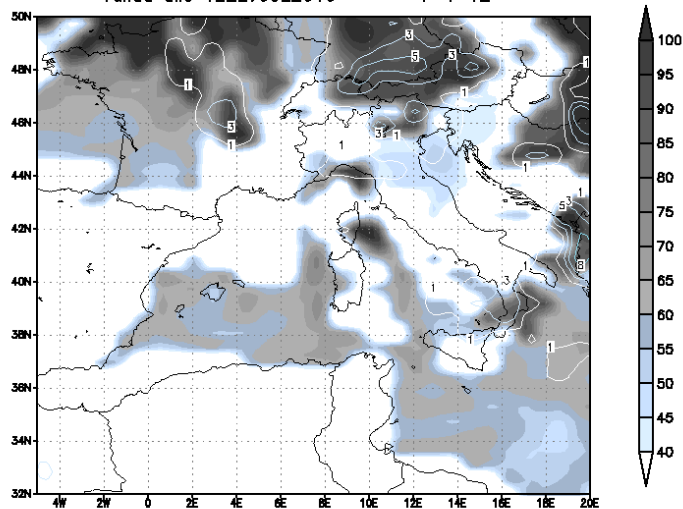
27/07/2010

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

Run del 00Z27JUL2010

Valida alle 12Z27JUL2010

T=+ 12



MetOffice per 3bmeteo.com

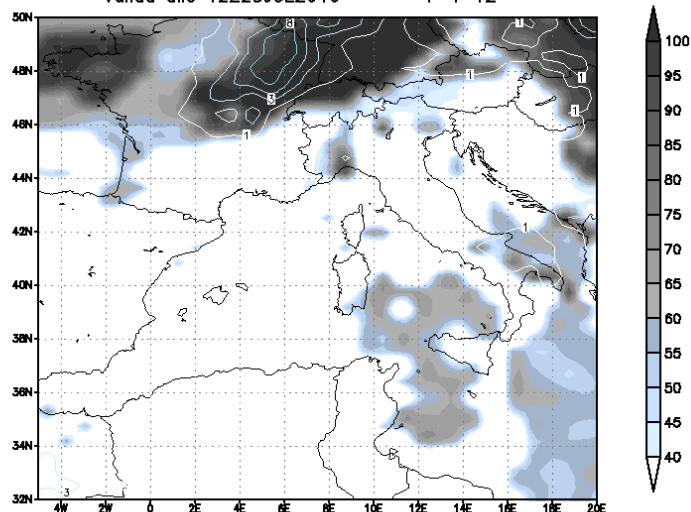
28/07/2010

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

Run del 00Z28JUL2010

Valida alle 12Z28JUL2010

T=+ 12



MetOffice per 3bmeteo.com

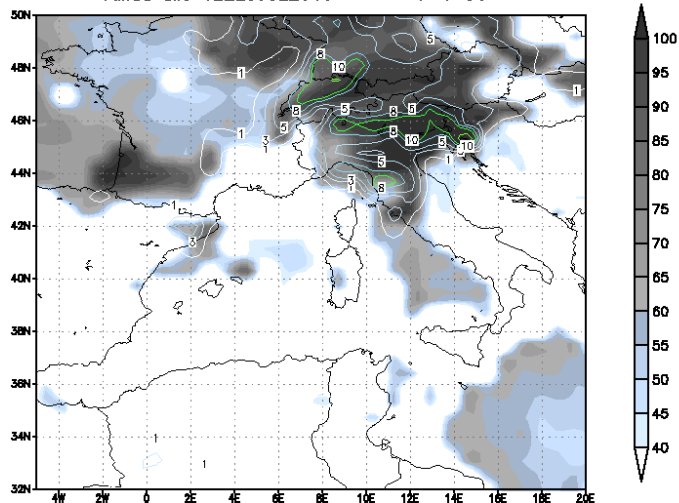
29/07/2010

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

Run del 00Z28JUL2010

Valida alle 12Z29JUL2010

T=+ 36



MetOffice per 3bmeteo.com

Copertura nuvolosa e precipitazione
a grande scala

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

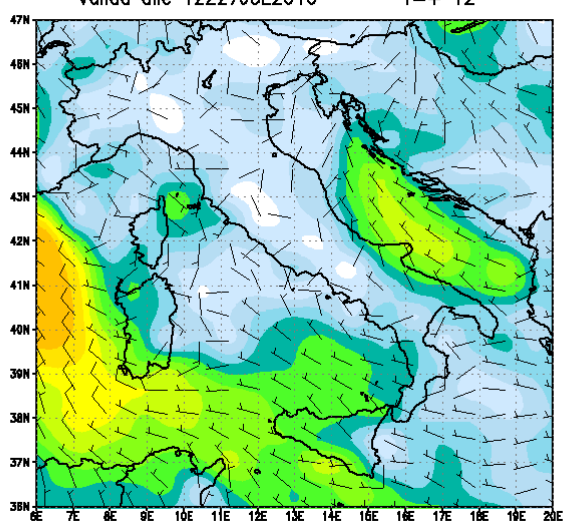
27/07/2010

Modello UKMO — Vento a 10 metri (m/s)

Run del 00Z27JUL2010

Valida alle 12Z27JUL2010

T=+ 12



MetOffice per 3bmeteo.com

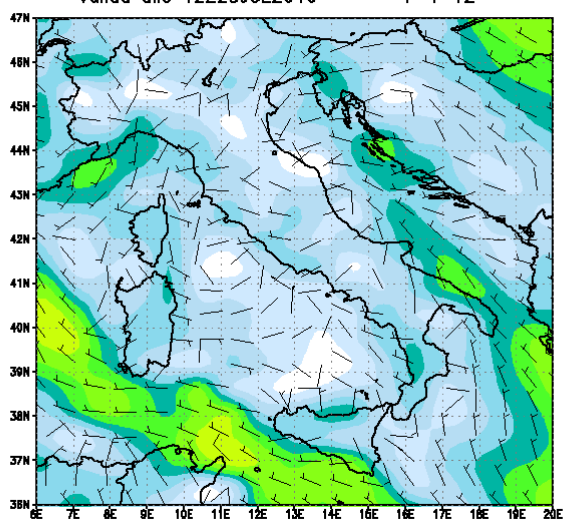
28/07/2010

Modello UKMO — Vento a 10 metri (m/s)

Run del 00Z28JUL2010

Valida alle 12Z28JUL2010

T=+ 12



MetOffice per 3bmeteo.com

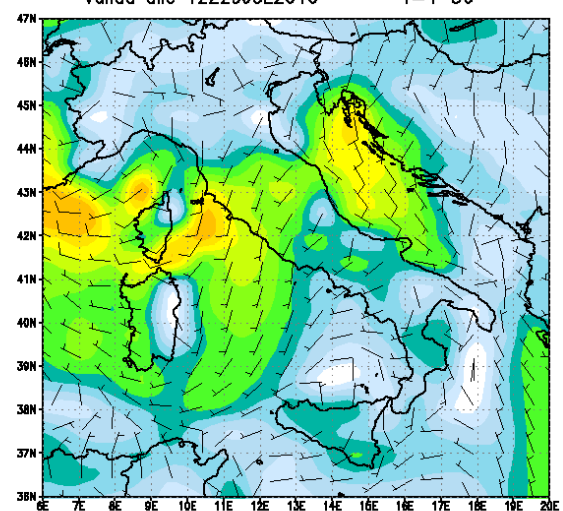
29/07/2010

Modello UKMO — Vento a 10 metri (m/s)

Run del 00Z28JUL2010

Valida alle 12Z29JUL2010

T=+ 36



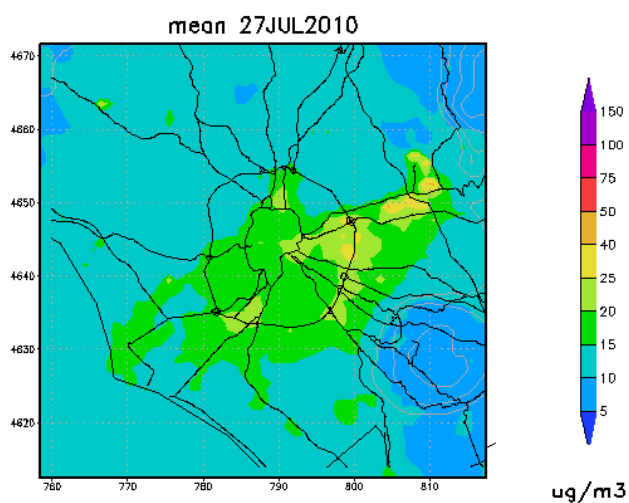
MetOffice per 3bmeteo.com

Campi di vento

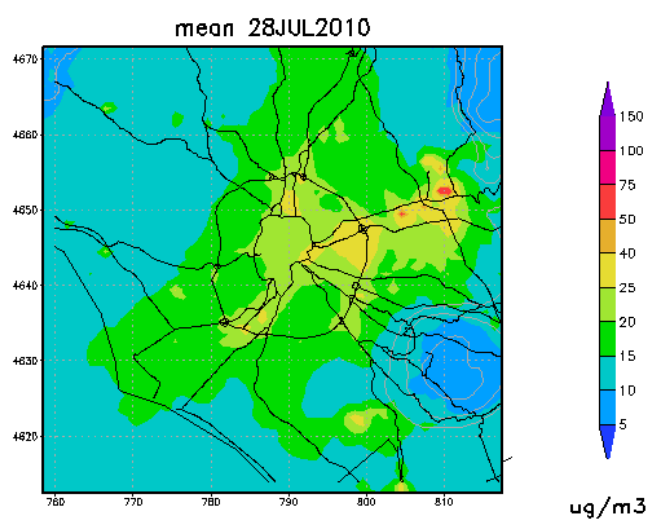
E' previsto un lieve aumento dell'intensita' della velocita' dei venti.

PM10 media giornaliera prevista – Previsioni Arpalazio

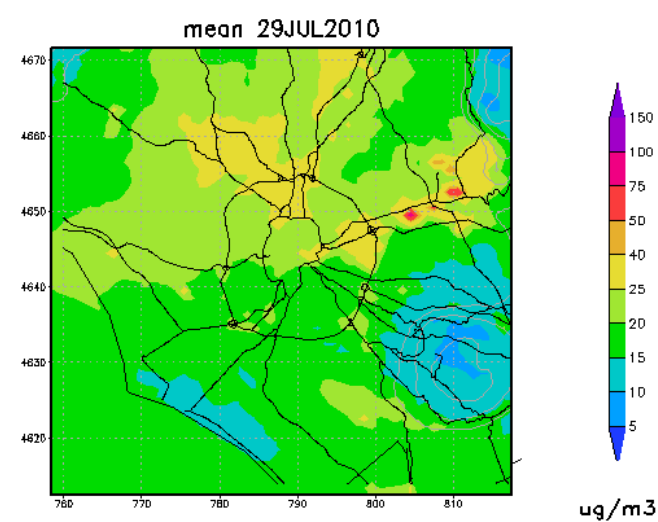
27/07/2010



28/07/2010



29/07/2010

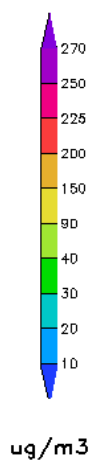
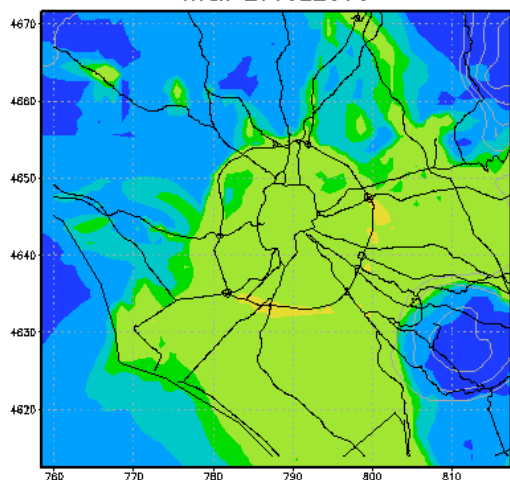


Il sistema previsionale mostra un aumento della concentrazione di PM10 nell'area metropolitana di Roma.

NO2 – valore massimo previsto (ARPALAZIO)

27/07/2010

max 27JUL2010

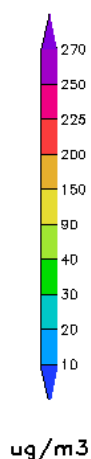
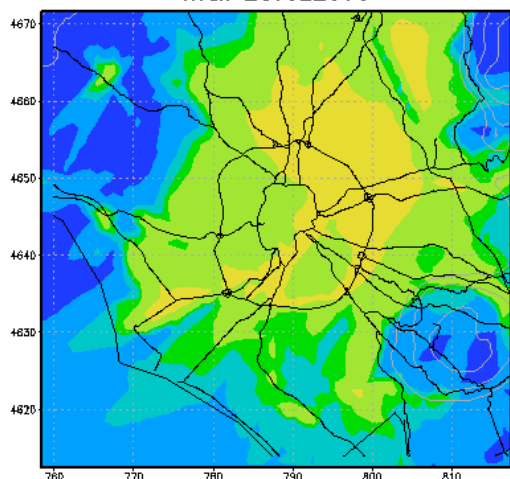


GRADS: COLA/IGES

2010-07-27-10:03

28/07/2010

max 28JUL2010

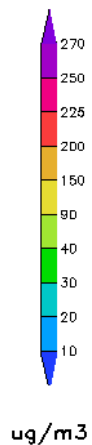
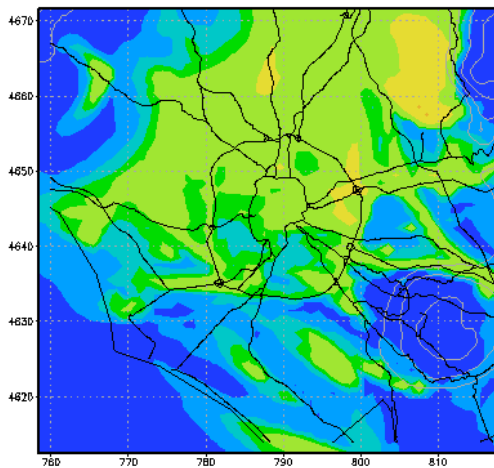


GRADS: COLA/IGES

2010-07-28-10:12

29/07/2010

max 29JUL2010



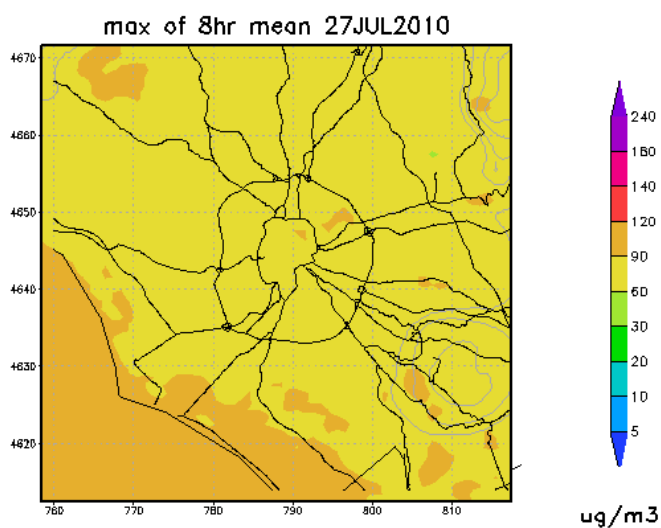
GRADS: COLA/IGES

2010-07-29-10:37

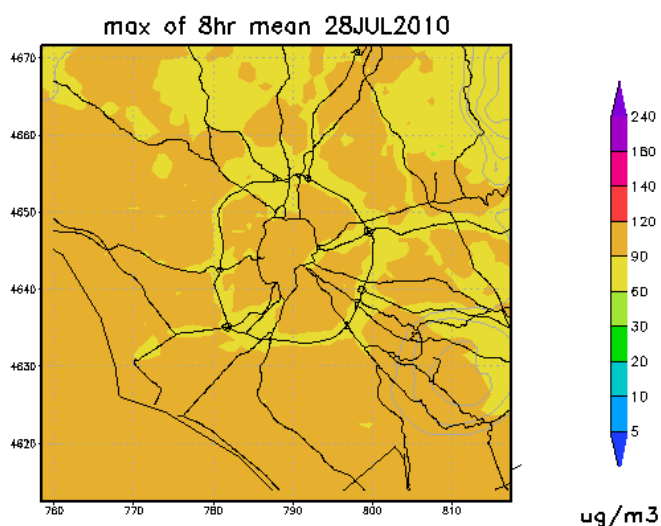
Il sistema previsionale mostra una lieve diminuzione della concentrazione massima giornaliera di NO2 nell'area metropolitana di Roma.

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

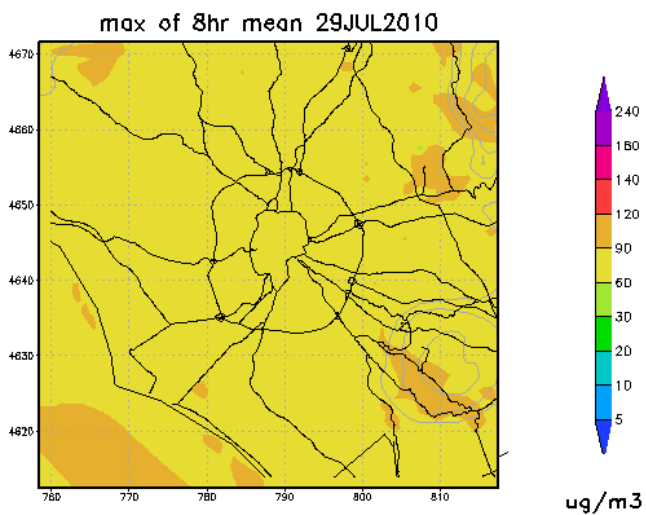
27/07/2010



28/07/2010



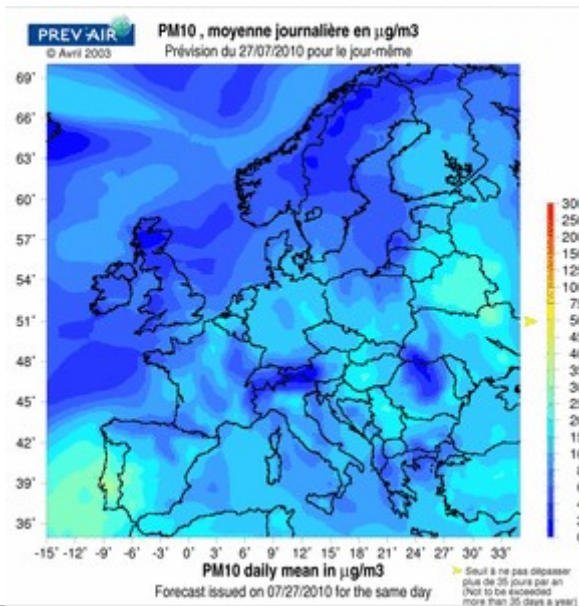
29/07/2010



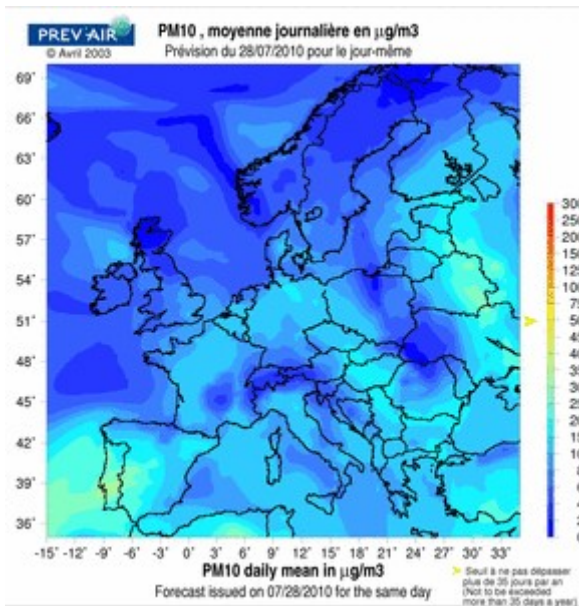
Il sistema previsionale mostra una lieve diminuzione della concentrazione massima giornaliera mediata sulle 8 ore di O3 nell'area metropolitana di Roma.

PM10 – Valore medio previsto (CHIMERE)

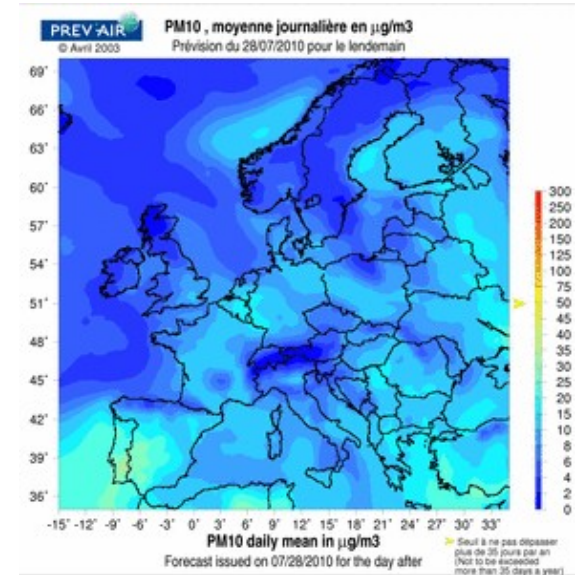
27/07/2010



28/07/2010



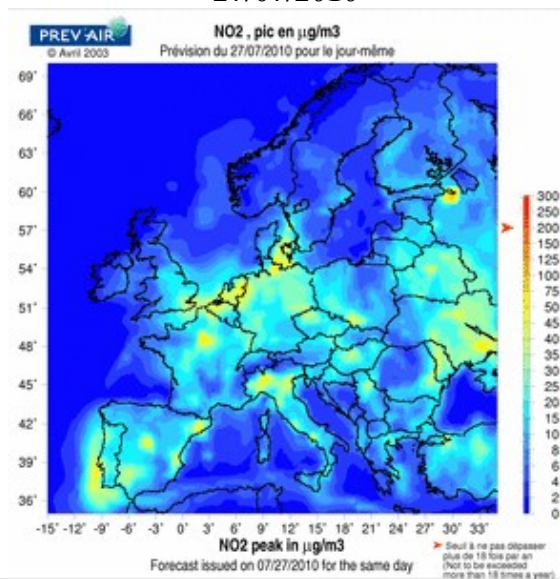
29/07/2010



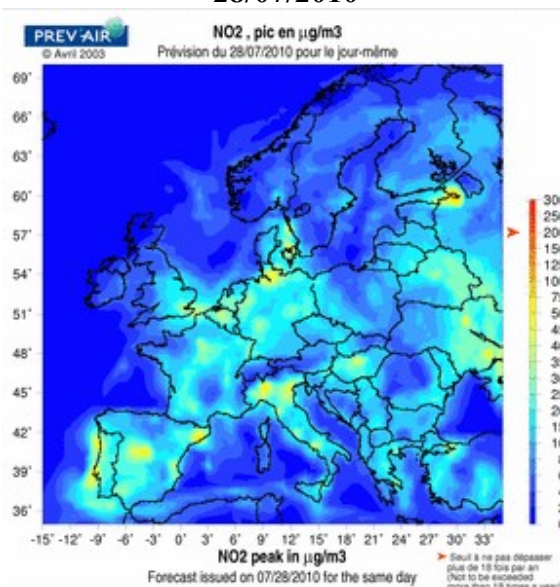
La ricostruzione modellistica effettuata con CHIMERE (ad opera di prev'air, Ministero della Repubblica Francese) non mostra importanti variazioni della concentrazione media di PM10.

NO2 – Valore massimo previsto (CHIMERE)

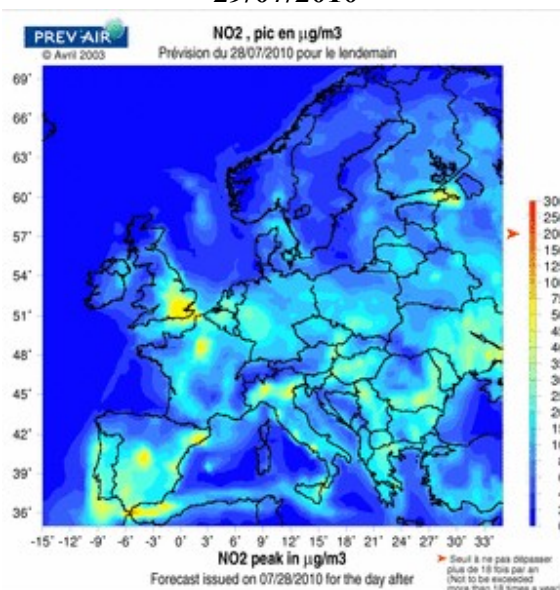
27/07/2010



28/07/2010



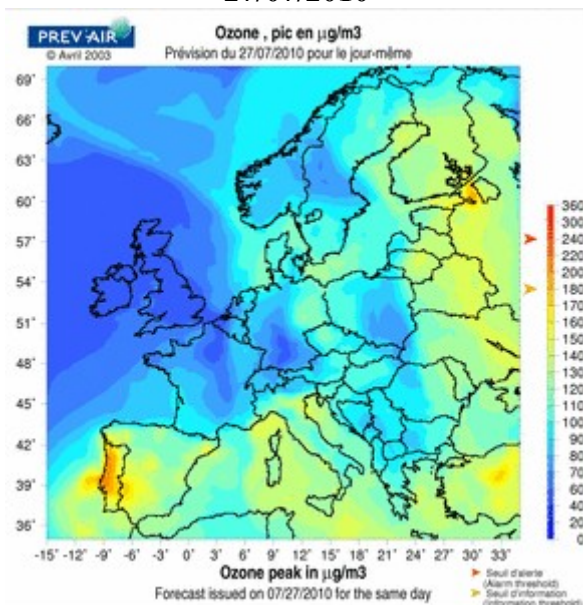
29/07/2010



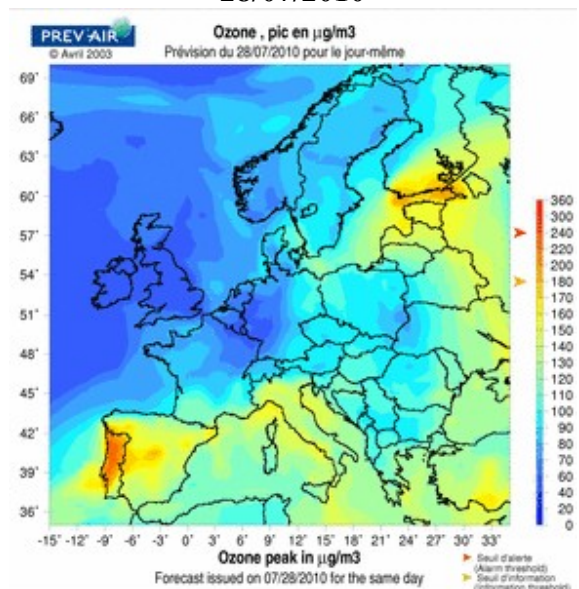
La ricostruzione modellistica effettuata con CHIMERE (ad opera di prev'air, Ministero della Repubblica Francese) non mostra importanti variazioni della concentrazione massima di NO2

O3 – Valore massimo previsto (CHIMERE)

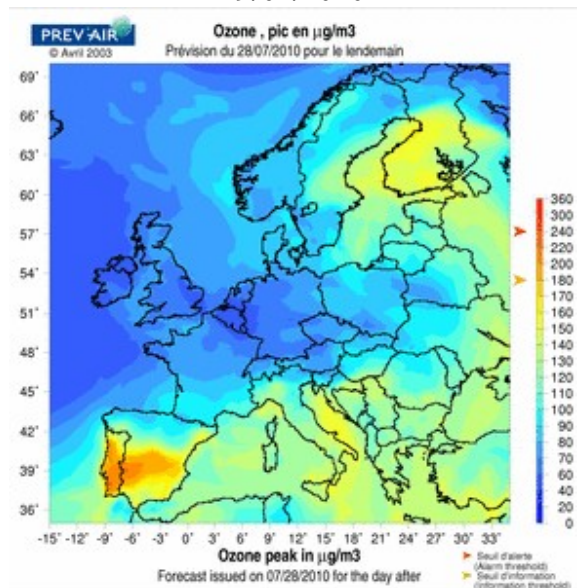
27/07/2010



28/07/2010



29/07/2010

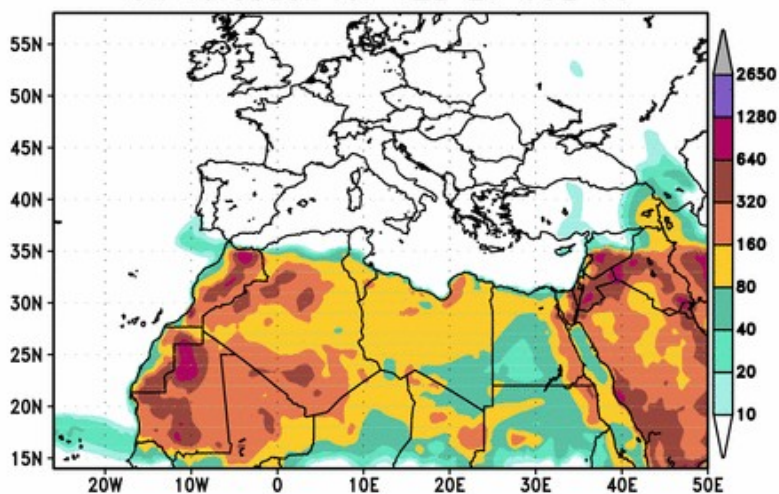


La ricostruzione modellistica effettuata con CHIMERE (ad opera di prev'air, Ministero della Repubblica Francese) mostra una lieve diminuzione della concentrazione massima di O3.

PM10 Previsioni di trasporto a lunga distanza – Modello DREAM

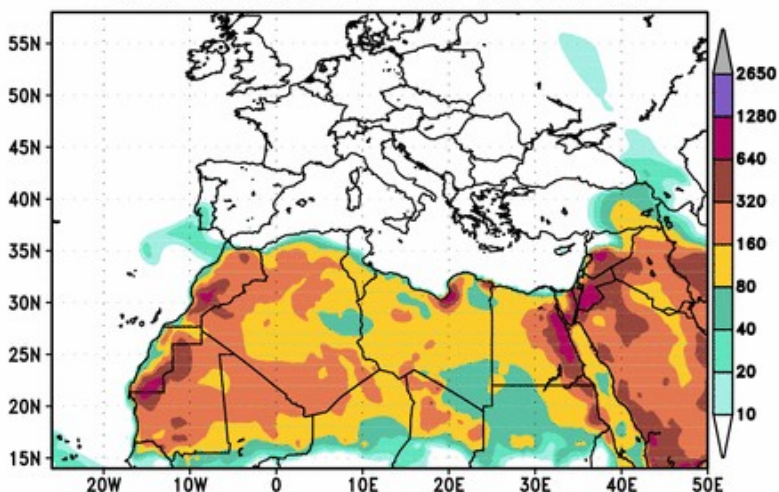
27/07/2010

BSC-DREAM8b Lowest Model Level Dust Conc. ($\mu\text{g}/\text{m}^3$)
0h forecast for 12z 27 JUL 10



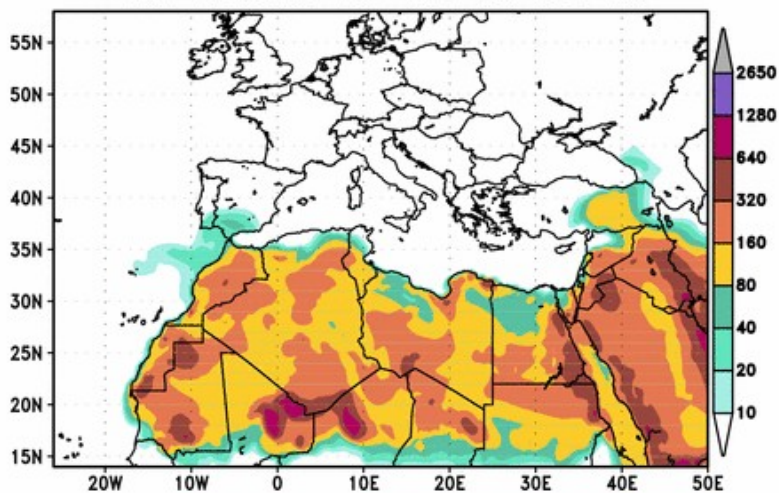
28/07/2010

BSC-DREAM8b Lowest Model Level Dust Conc. ($\mu\text{g}/\text{m}^3$)
24h forecast for 12z 28 JUL 10



29/07/2010

BSC-DREAM8b Lowest Model Level Dust Conc. ($\mu\text{g}/\text{m}^3$)
48h forecast for 12z 29 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)

