



Bollettino Quotidiano
10 Settembre 2010

Centro Regionale della Qualità dell'Aria

e-mail : craria@arpalazio.it

CENTRO REGIONALE DELLA QUALITA' DELL'ARIA (09, 10 e 11 Settembre 2010)

09/09/2010



10/09/2010



11/09/2010



Situazione meteorologica a grande scala

Nei prossimi giorni e' previsto un peggioramento delle condizioni meteorologiche sull'Italia Centrale.

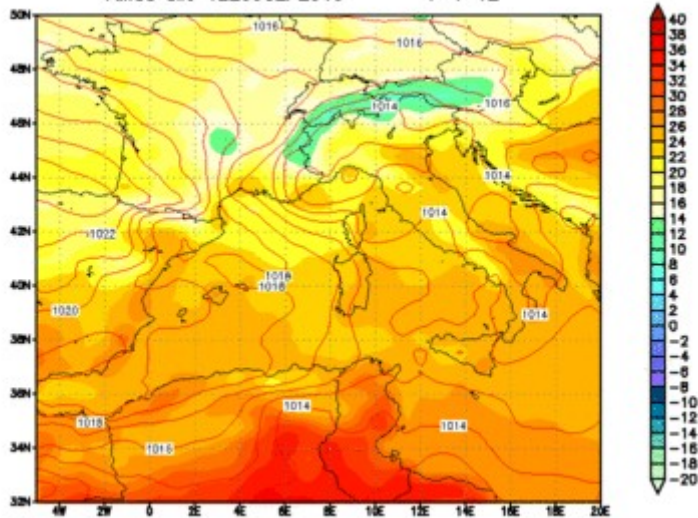
09/09/2010

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

Run del 00209SEP2010

Valida alle 12Z09SEP2010

T=+ 12



MetOffice per 3bmeteo.com

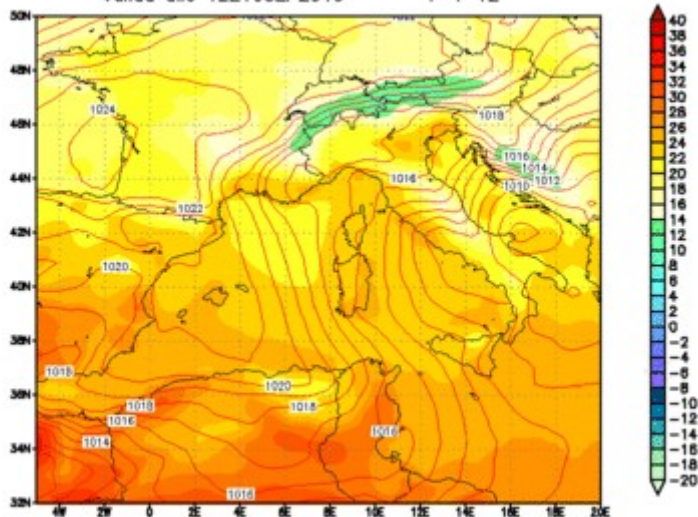
10/09/2010

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

Run del 00210SEP2010

Valida alle 12Z10SEP2010

T=+ 12



MetOffice per 3bmeteo.com

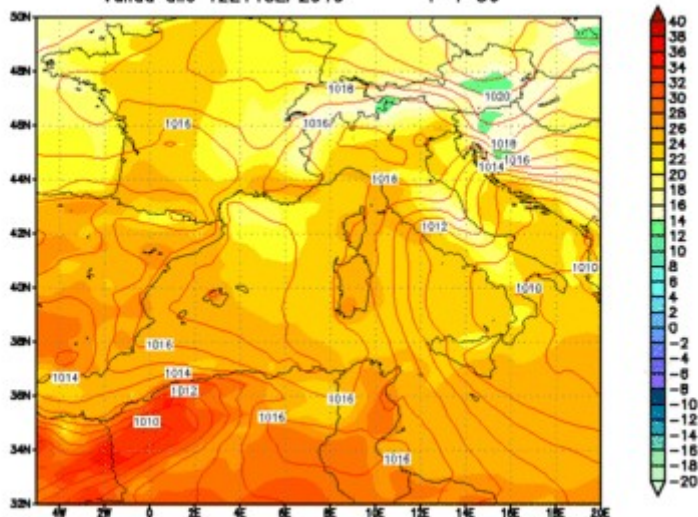
11/09/2010

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

Run del 00210SEP2010

Valida alle 12Z11SEP2010

T=+ 36



MetOffice per 3bmeteo.com

Campi di pressione e temperatura al suolo a grande scala

E' prevista una lieve diminuzione della temperatura.

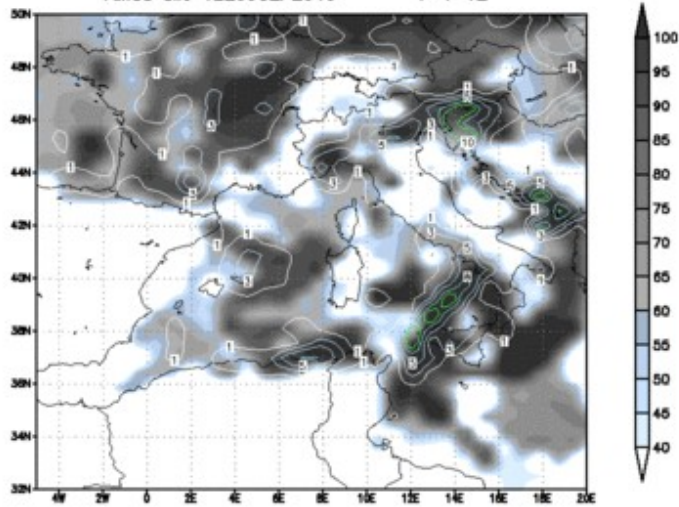
09/09/2010

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

Run del 00Z09SEP2010

Valida alle 12Z09SEP2010

T=+ 12



MetOffice per 3bmeteo.com

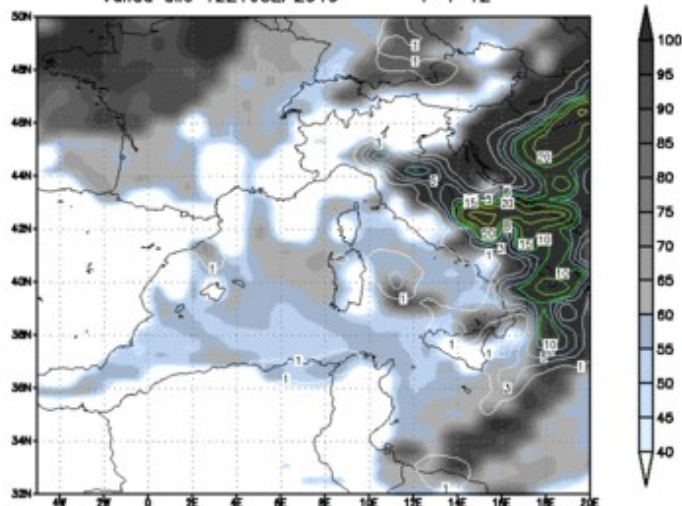
10/09/2010

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

Run del 00Z10SEP2010

Valida alle 12Z10SEP2010

T=+ 12



MetOffice per 3bmeteo.com

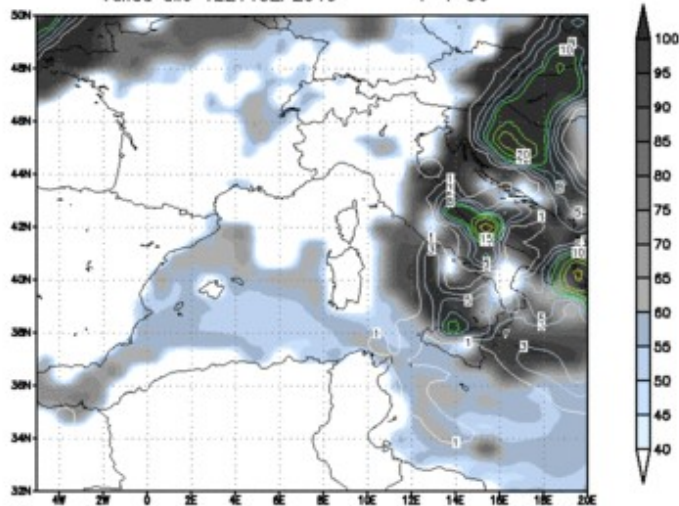
11/09/2010

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

Run del 00Z10SEP2010

Valida alle 12Z11SEP2010

T=+ 36



MetOffice per 3bmeteo.com

Copertura nuvolosa e precipitazione a grande scala

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

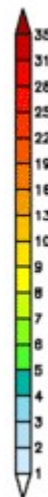
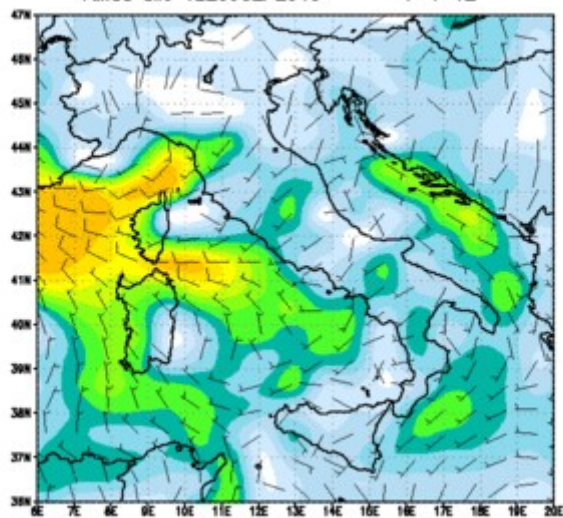
09/09/2010

Modello UKMO — Vento a 10 metri (m/s)

Run del 00209SEP2010

Valida alle 12Z09SEP2010

T=+ 12



MetOffice per 3bmeteo.com

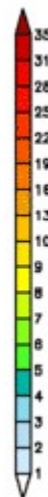
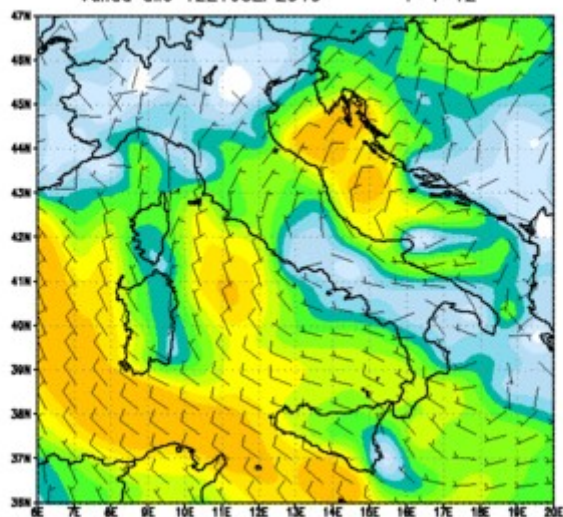
10/09/2010

Modello UKMO — Vento a 10 metri (m/s)

Run del 00210SEP2010

Valida alle 12Z10SEP2010

T=+ 12



MetOffice per 3bmeteo.com

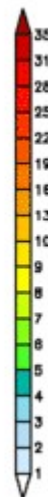
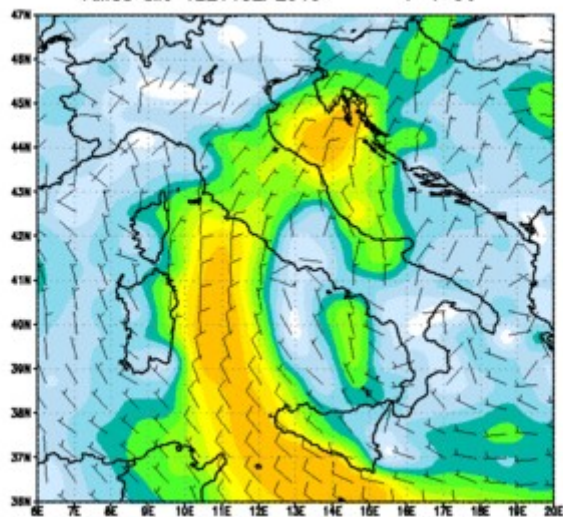
11/09/2010

Modello UKMO — Vento a 10 metri (m/s)

Run del 00210SEP2010

Valida alle 12Z11SEP2010

T=+ 36



MetOffice per 3bmeteo.com

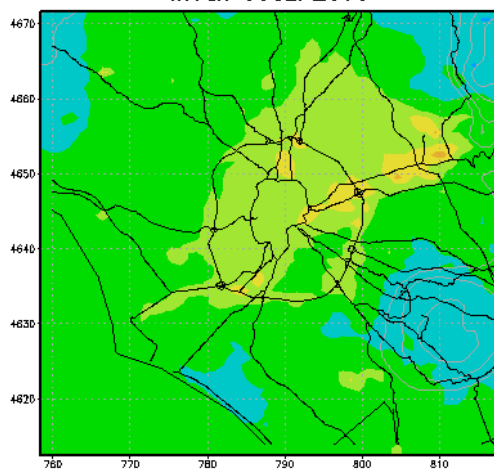
Campi di vento

Non sono previste importanti variazioni dell'intensità della velocità dei venti.

PM10 media giornaliera prevista – Previsioni Arpalazio

09/09/2010

mean 09SEP2010



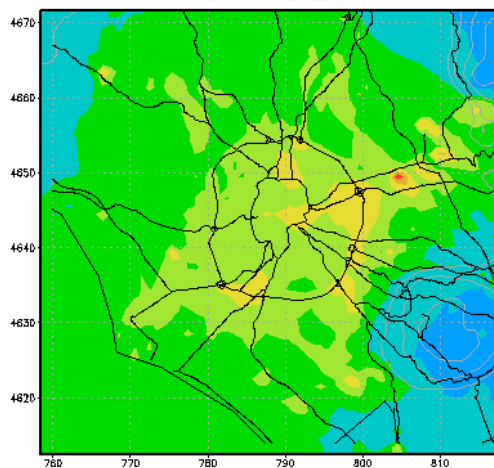
ug/m3

GRADS: COLA/IGES

2010-08-09-11:51

10/09/2010

mean 10SEP2010



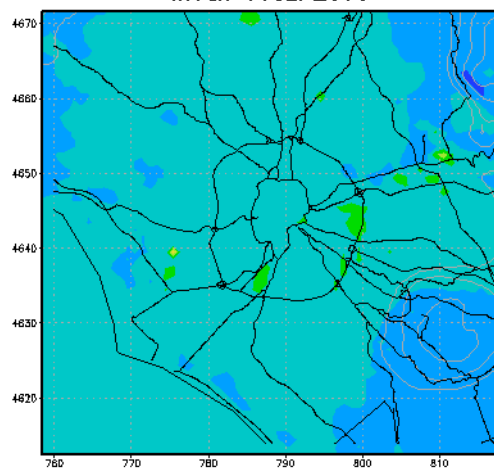
ug/m3

GRADS: COLA/IGES

2010-08-09-12:09

11/09/2010

mean 11SEP2010



ug/m3

GRADS: COLA/IGES

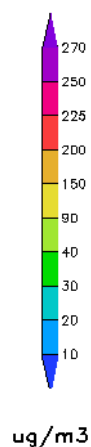
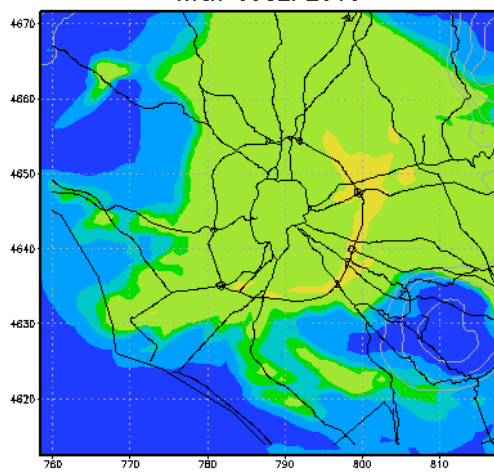
2010-08-09-12:26

Il sistema previsionale mostra una riduzione della concentrazione di PM10 nell'area metropolitana di Roma.

NO2 – valore massimo previsto (ARPALAZIO)

09/09/2010

max 09SEP2010

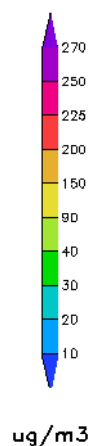
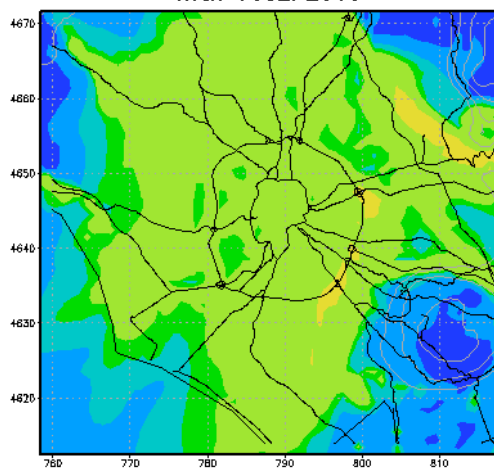


GIS: COLA/IGES

2010-08-09-11:51

10/09/2010

max 10SEP2010

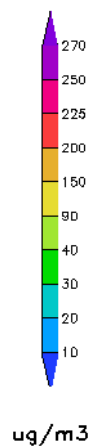
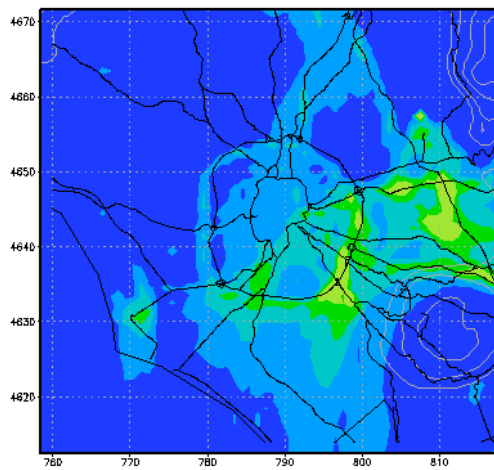


GIS: COLA/IGES

2010-08-09-12:08

11/09/2010

max 11SEP2010



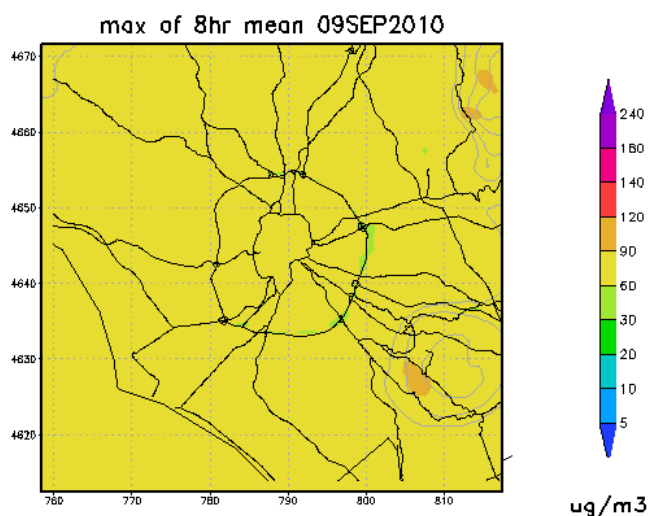
GIS: COLA/IGES

2010-08-09-12:26

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

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

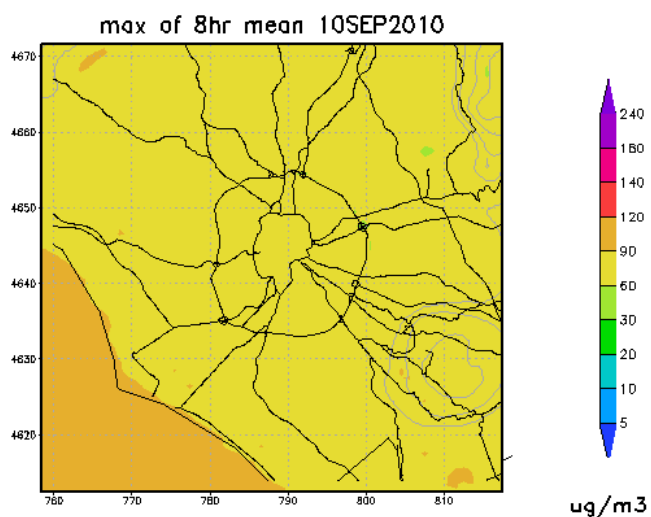
09/09/2010



GIS: COLA/IGES

2010-08-09-11:51

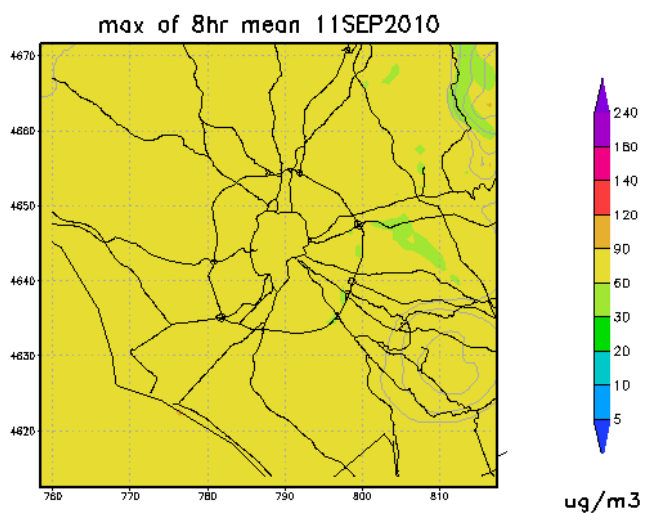
10/09/2010



GIS: COLA/IGES

2010-08-09-12:08

11/09/2010



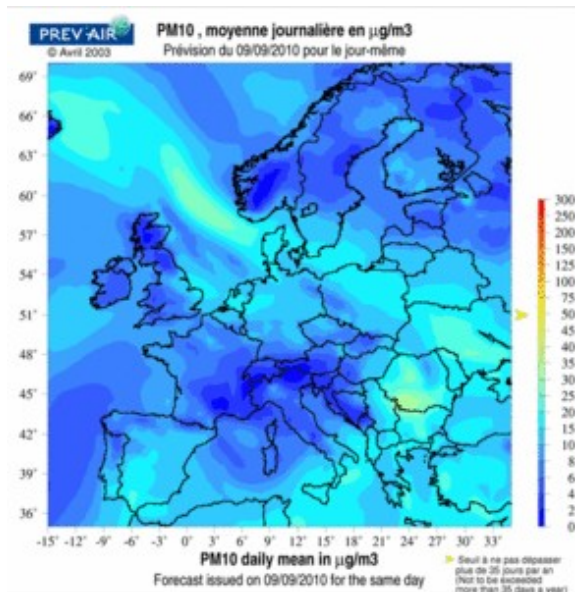
GIS: COLA/IGES

2010-08-09-12:26

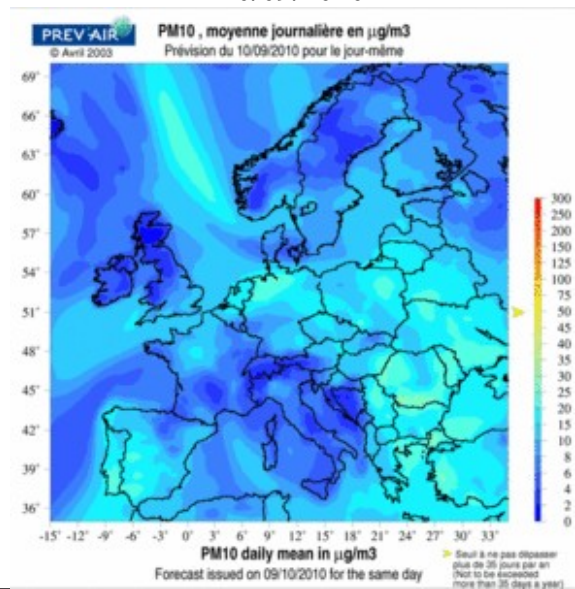
Il sistema previsionale non mostra importanti variazioni della concentrazione massima giornaliera mediata sulle 8 ore di O3 nell'area metropolitana di Roma.

PM10 – Valore medio previsto (CHIMERE)

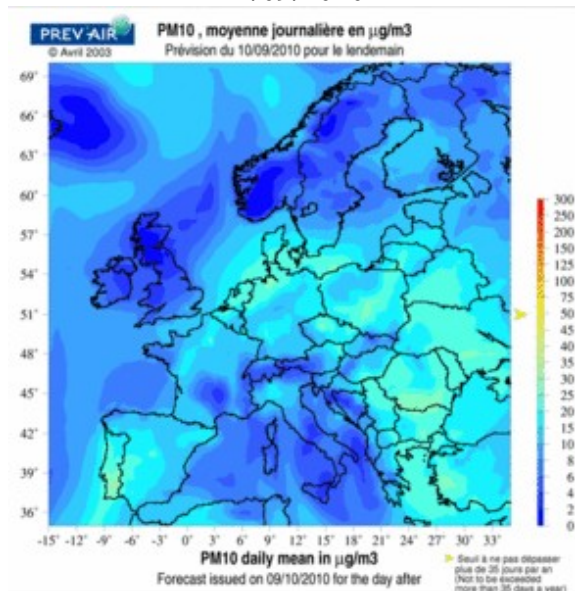
09/09/2010



10/09/2010



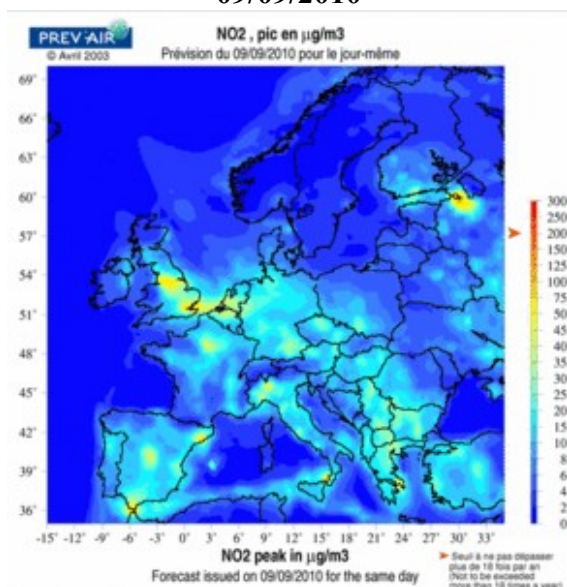
11/09/2010



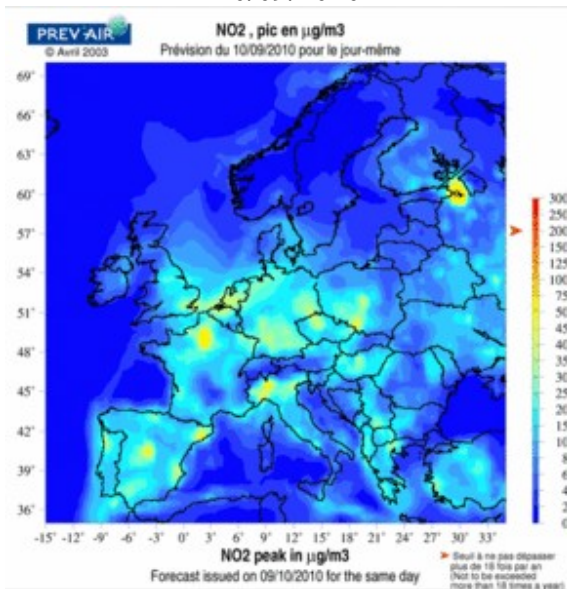
La ricostruzione modellistica effettuata con CHIMERE (ad opera di prev'air, Ministero della Repubblica Francese) non mostra importanti variazioni della concentrazione media di PM10.

NO2 – Valore massimo previsto (CHIMERE)

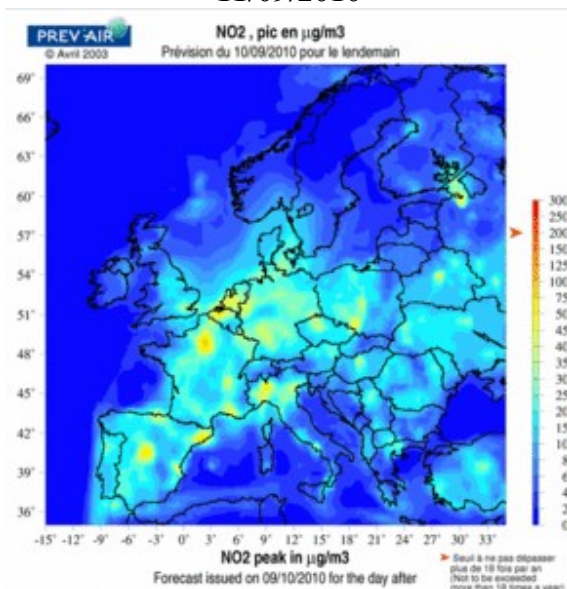
09/09/2010



10/09/2010



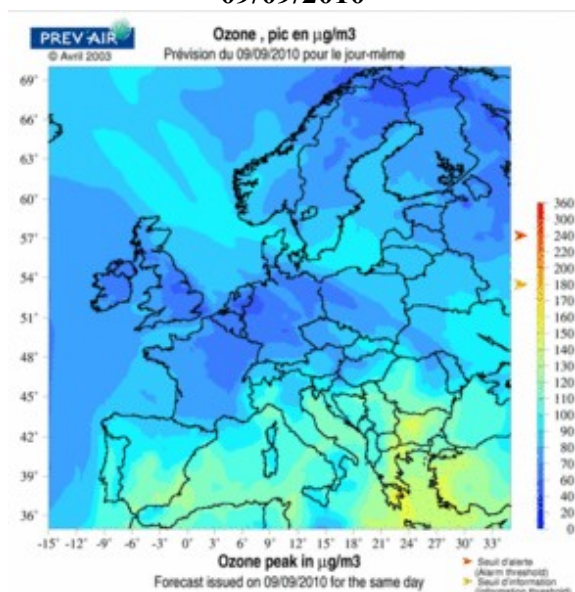
11/09/2010



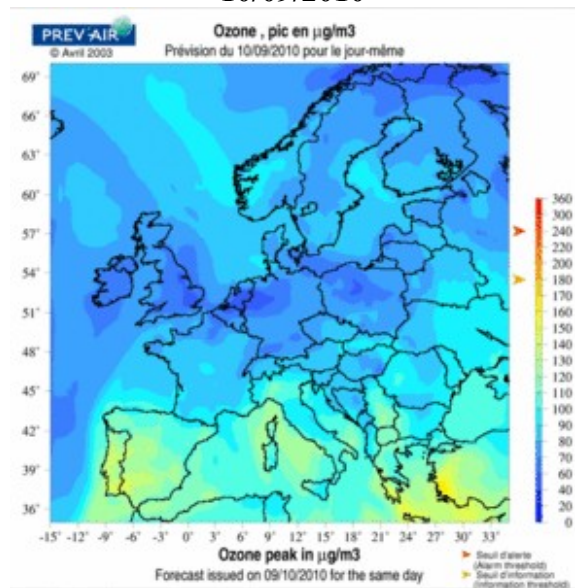
La ricostruzione modellistica effettuata con CHIMERE (ad opera di prev'air, Ministero della Repubblica Francese) mostra una lieve diminuzione della concentrazione massima di NO2

O3 – Valore massimo previsto (CHIMERE)

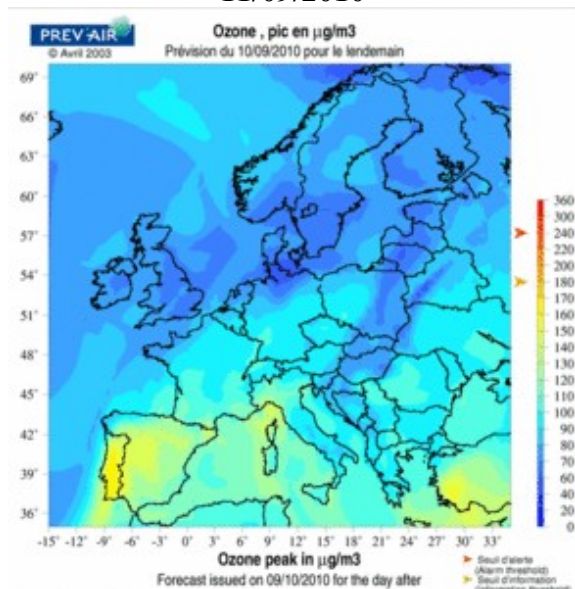
09/09/2010



10/09/2010



11/09/2010

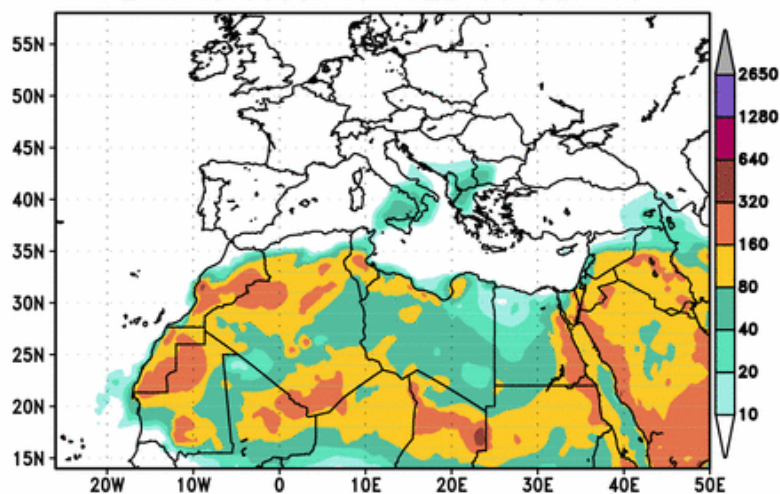


La ricostruzione modellistica effettuata con CHIMERE (ad opera di prev'air, Ministero della Repubblica Francese) non mostra importanti variazioni della concentrazione massima di O3.

PM10 Previsioni di trasporto a lunga distanza – Modello DREAM

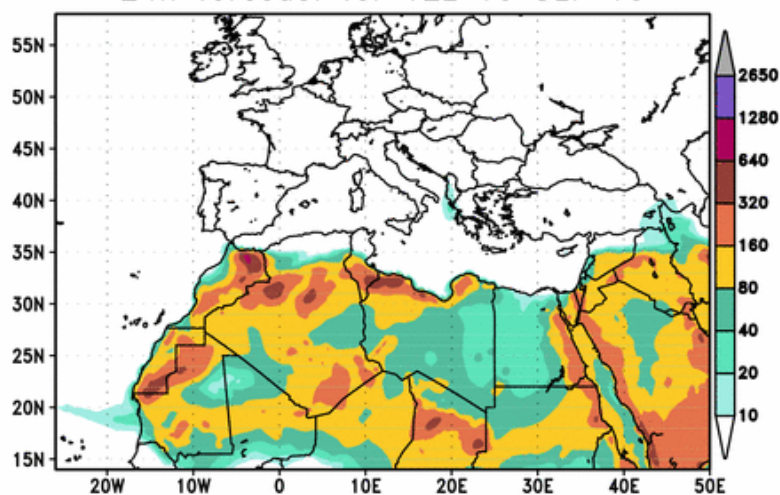
09/09/2010

BSC-DREAM8b Lowest Model Level Dust Conc. ($\mu\text{g}/\text{m}^3$)
24h forecast for 12z 09 SEP 10



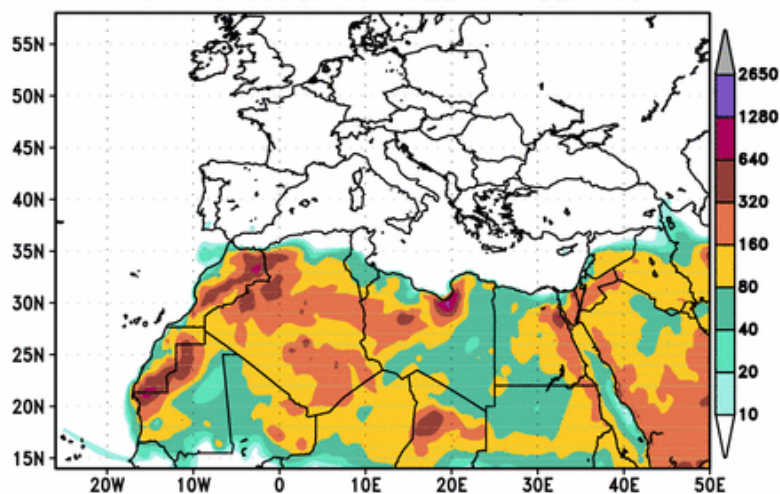
10/09/2010

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



11/09/2010

BSC-DREAM8b Lowest Model Level Dust Conc. ($\mu\text{g}/\text{m}^3$)
48h forecast for 12z 11 SEP 10



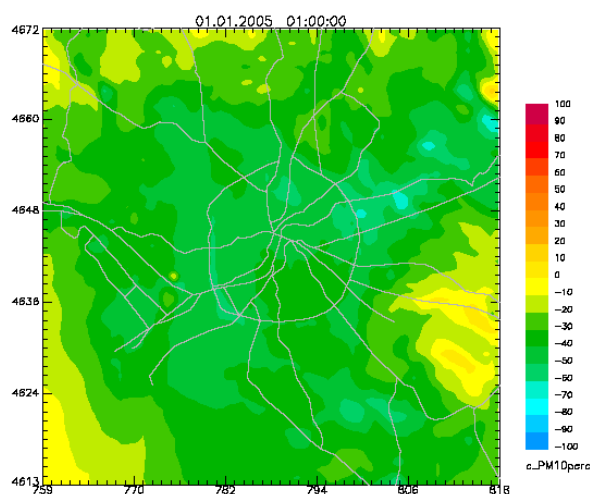
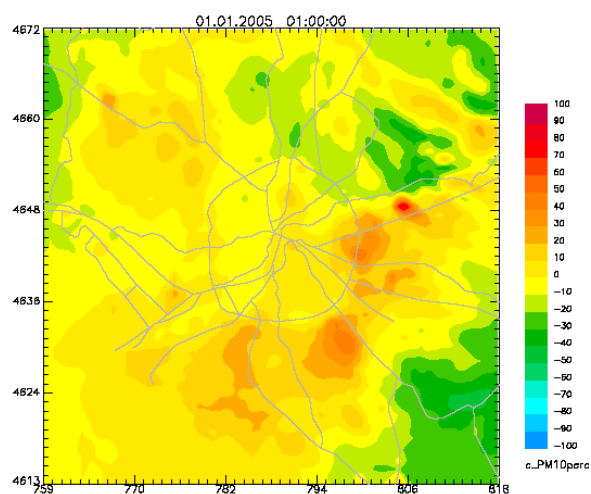
Non e' prevista influenza di eventi di trasporto da lunga distanza di PM10 provenienti dalle regioni nord-africane.

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

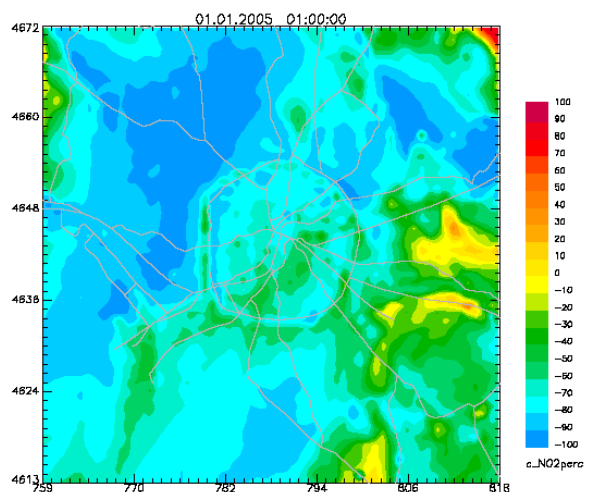
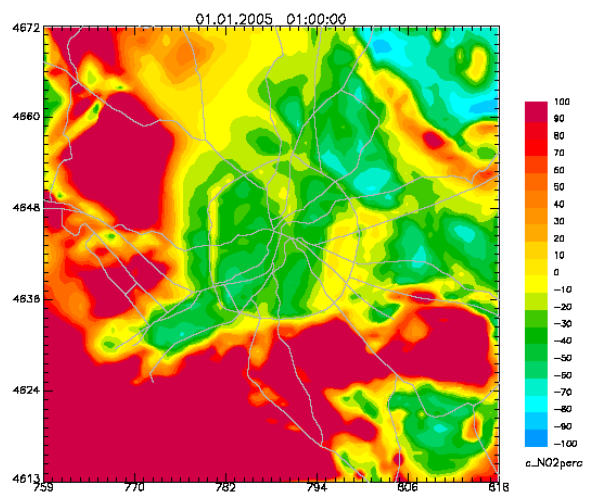
10 settembre – 09 settembre (oggi – ieri)

11 Settembre – 10 Settembre (domani – oggi)

PM10 - media giornaliera



NO2 – valore massimo



O3 – valore massimo

