



Bollettino Quotidiano
27 Settembre 2010

Centro Regionale della Qualità dell'Aria

e-mail : craria@arpalazio.it

CENTRO REGIONALE DELLA QUALITA' DELL'ARIA (26, 27 e 28 Settembre 2010)

26/09/2010



27/09/2010



28/09/2010



Situazione meteorologica a grande scala

Nei prossimi giorni la depressione europea si sposterà molto lentamente verso levante rinnovando acquazzoni e temporali sparsi dapprima al Settentrione, poi al Centrosud.

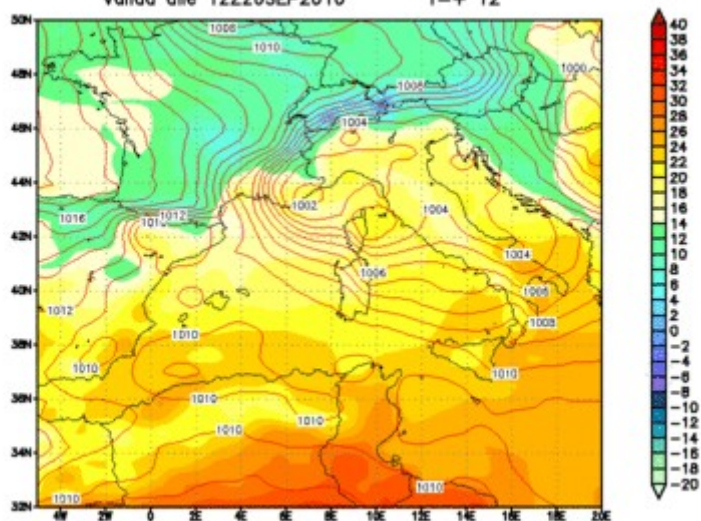
26/09/2010

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

Run del 00Z26SEP2010

Valida alle 12Z26SEP2010

T=+ 12



MetOffice per 3bmeteo.com

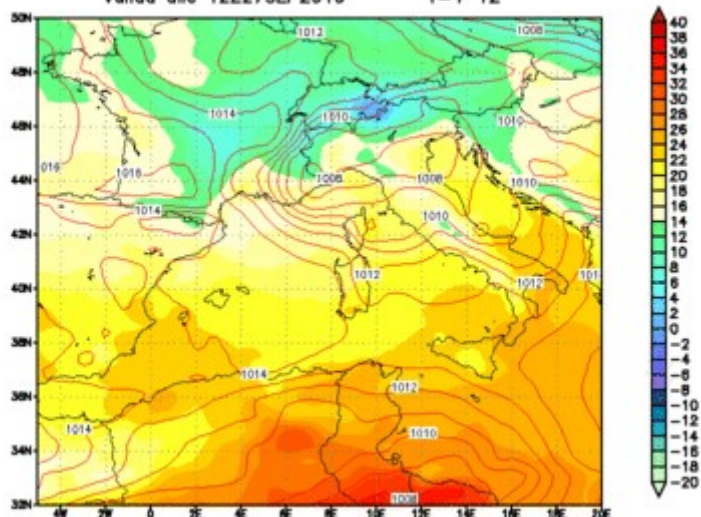
27/09/2010

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

Run del 00Z27SEP2010

Valida alle 12Z27SEP2010

T=+ 12



MetOffice per 3bmeteo.com

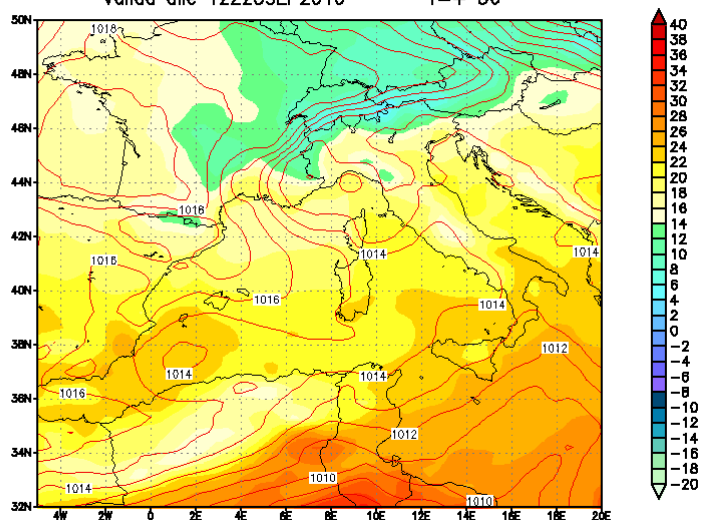
28/09/2010

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

Run del 00Z27SEP2010

Valida alle 12Z28SEP2010

T=+ 36



MetOffice per 3bmeteo.com

Campi di pressione e temperatura al suolo a grande scala

Non sono previste importanti variazioni della temperatura.

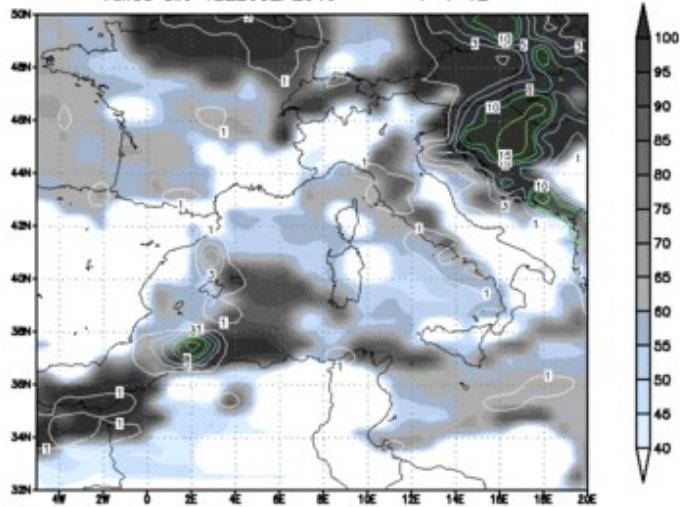
26/09/2010

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

Run del 00Z26SEP2010

Valida alle 12Z26SEP2010

T=+ 12



MetOffice per 3bmeteo.com

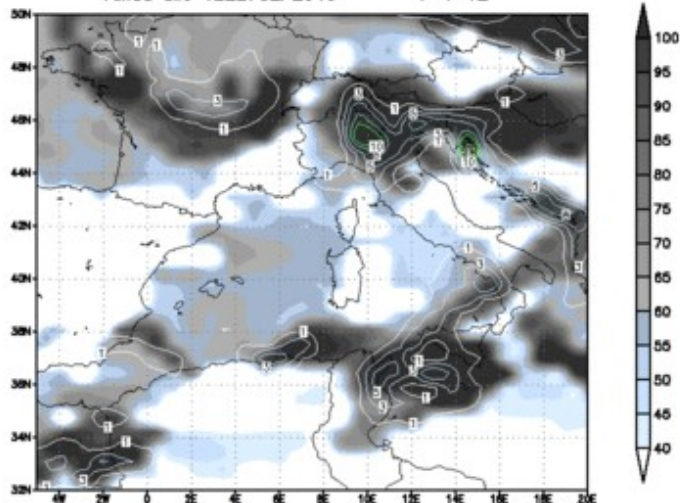
27/09/2010

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

Run del 00Z27SEP2010

Valida alle 12Z27SEP2010

T=+ 12



MetOffice per 3bmeteo.com

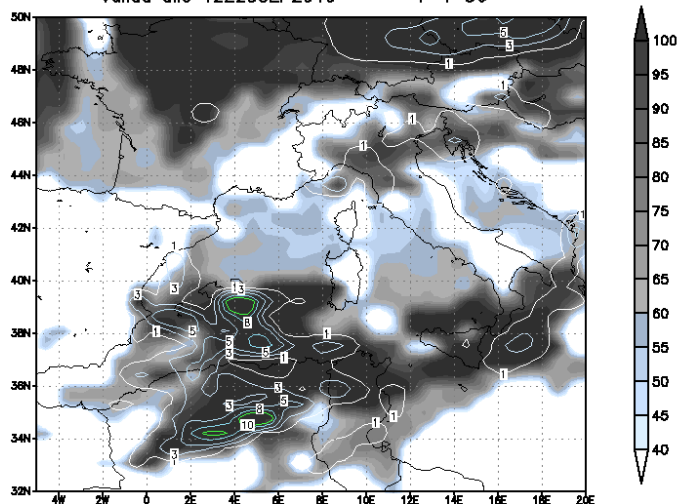
28/09/2010

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

Run del 00Z27SEP2010

Valida alle 12Z28SEP2010

T=+ 36



MetOffice per 3bmeteo.com

Copertura nuvolosa e precipitazione a grande scala

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

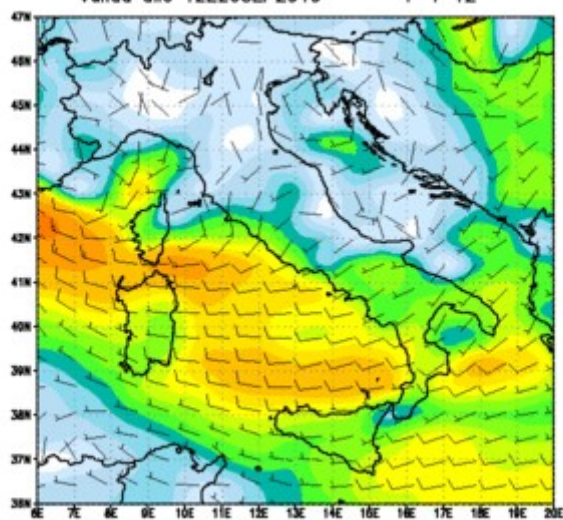
26/09/2010

Modello UKMO — Vento a 10 metri (m/s)

Run del 00Z26SEP2010

Valida alle 12Z26SEP2010

T=+ 12



MetOffice per 3bmeteo.com

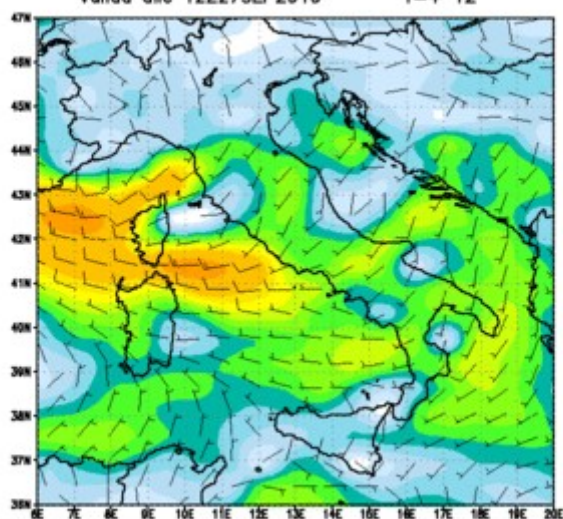
27/09/2010

Modello UKMO — Vento a 10 metri (m/s)

Run del 00Z27SEP2010

Valida alle 12Z27SEP2010

T=+ 12



MetOffice per 3bmeteo.com

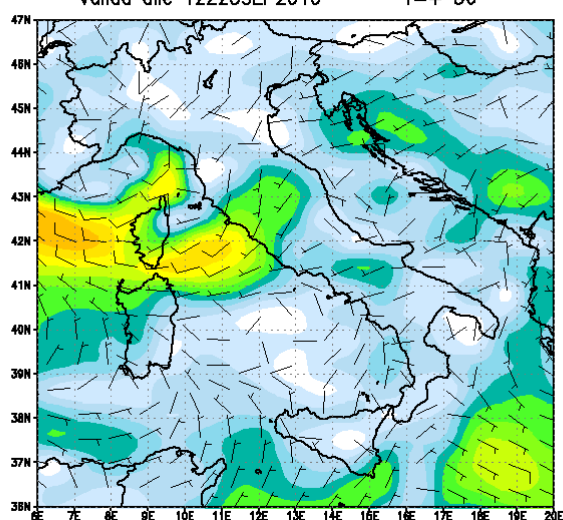
28/09/2010

Modello UKMO — Vento a 10 metri (m/s)

Run del 00Z27SEP2010

Valida alle 12Z28SEP2010

T=+ 36



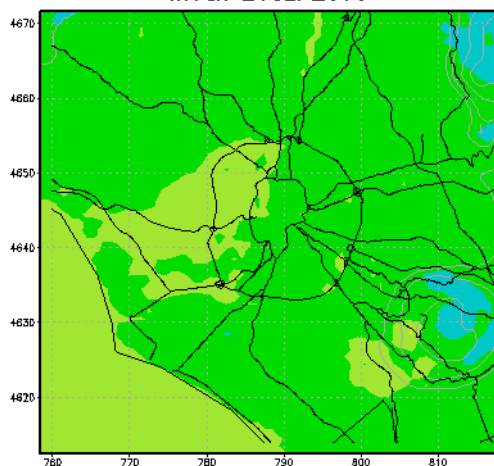
MetOffice per 3bmeteo.com

Campi di vento
E' previsto una riduzione della
velocità dei venti.

PM10 media giornaliera prevista – Previsioni Arpalazio

26/09/2010

mean 26SEP2010



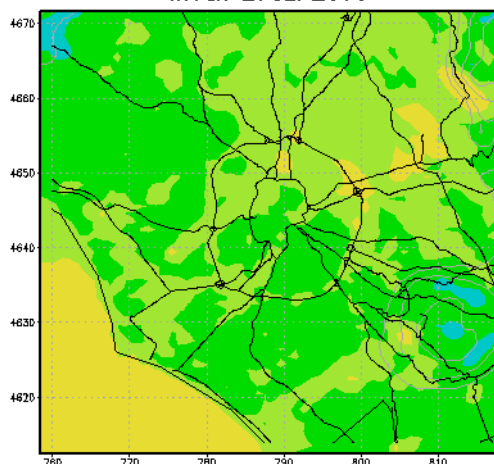
µg/m³

GIS: COLA/IGES

2010-08-26-10:19

27/09/2010

mean 27SEP2010



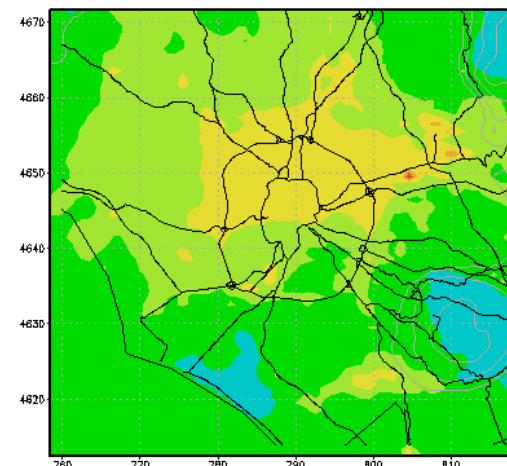
µg/m³

GIS: COLA/IGES

2010-08-27-10:13

28/09/2010

mean 28SEP2010



µg/m³

GIS: COLA/IGES

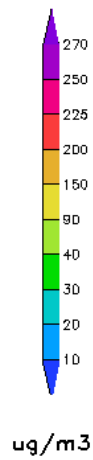
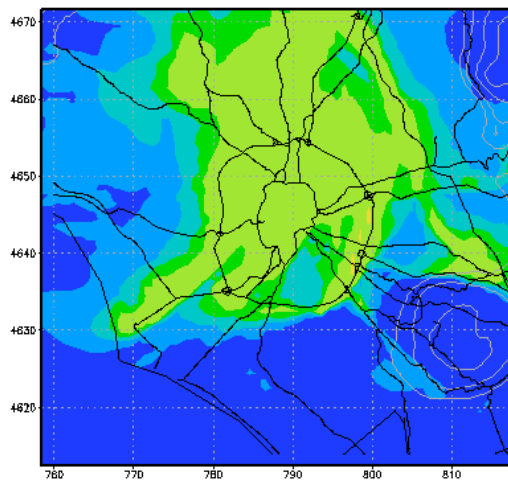
2010-08-27-10:43

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

NO2 – valore massimo previsto (ARPALAZIO)

26/09/2010

max 26SEP2010

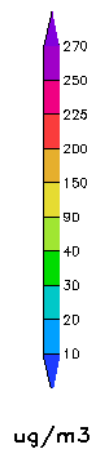
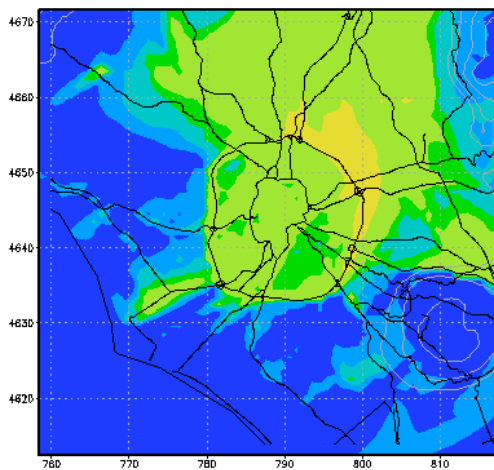


GIS: COLA/IGES

2010-08-26-10:19

27/09/2010

max 27SEP2010

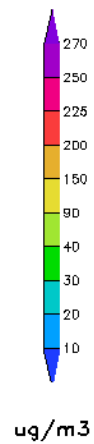
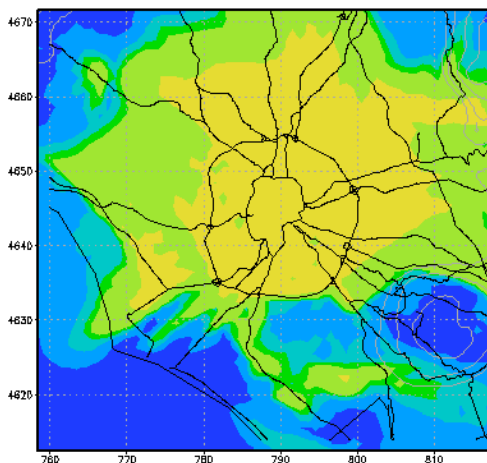


GIS: COLA/IGES

2010-08-27-10:13

28/09/2010

max 28SEP2010



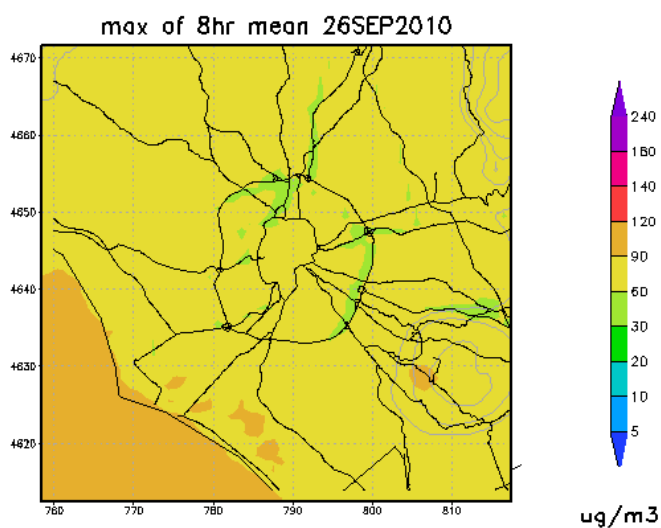
GIS: COLA/IGES

2010-08-27-10:43

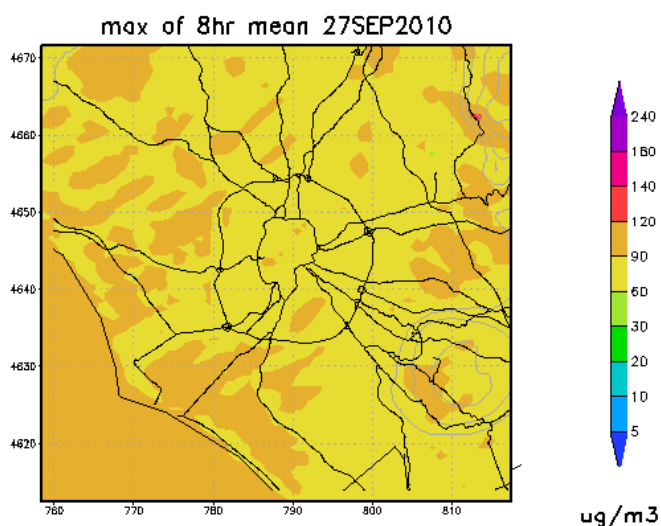
Il sistema previsionale mostra un aumento della concentrazione massima giornaliera di NO2 nell'area metropolitana di Roma.

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

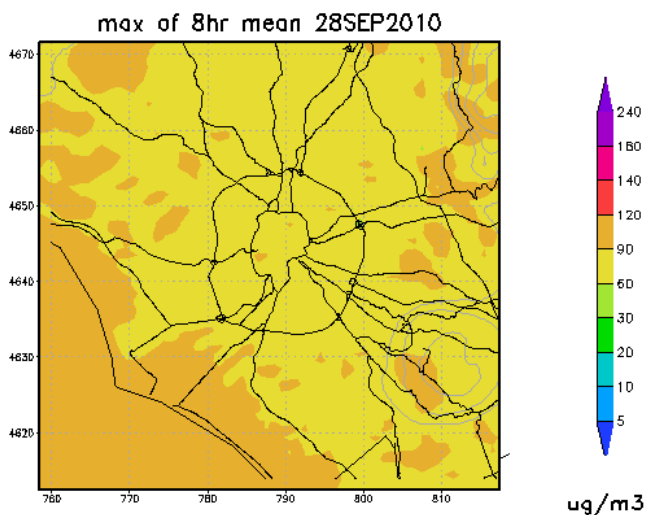
26/09/2010



27/09/2010



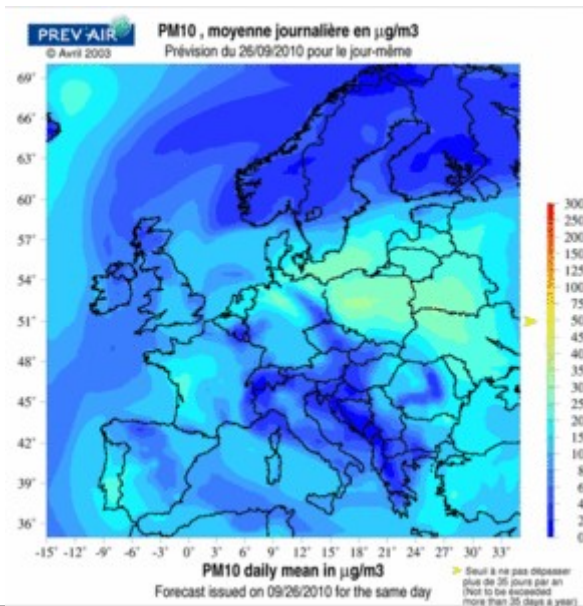
28/09/2010



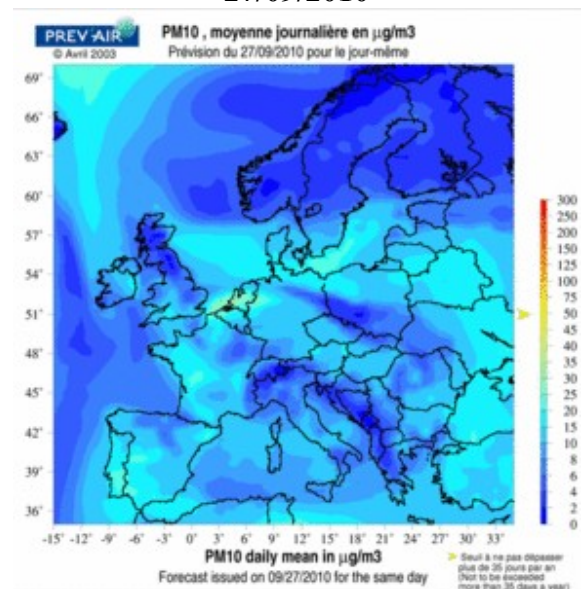
Il sistema previsionale mostra un lieve aumento della concentrazione massima giornaliera mediata sulle 8 ore di O3 nell'area metropolitana di Roma.

PM10 – Valore medio previsto (CHIMERE)

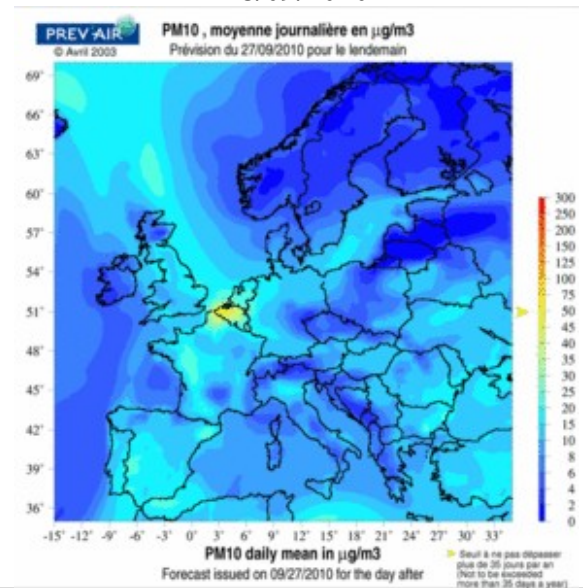
26/09/2010



27/09/2010



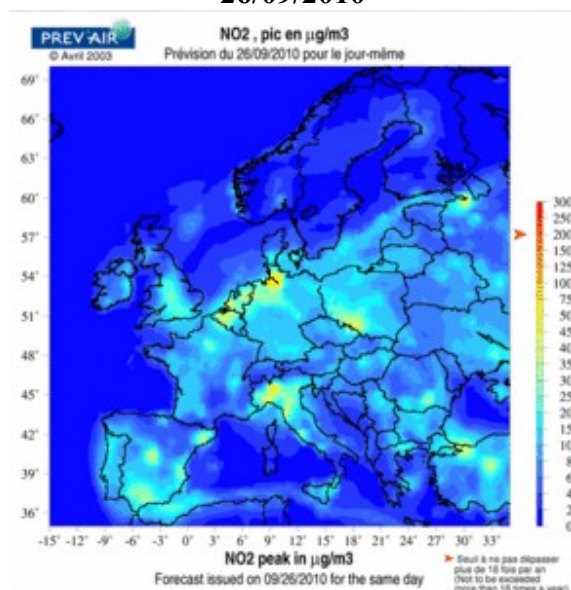
28/09/2010



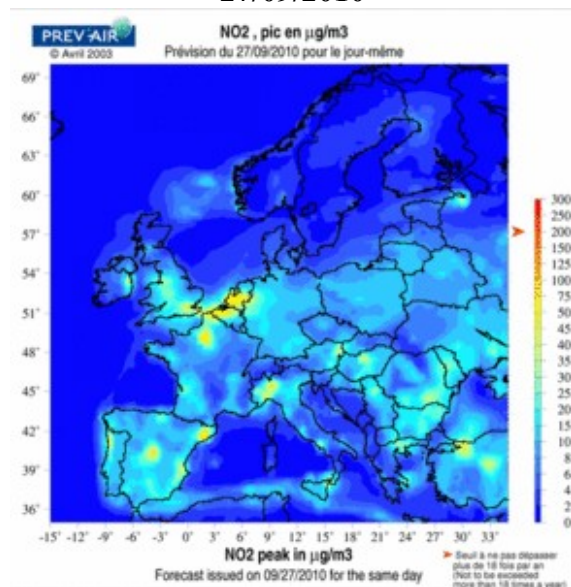
La ricostruzione modellistica effettuata con CHIMERE (ad opera di prev'air, Ministero della Repubblica Francese) mostra un lieve aumento della concentrazione media di PM10.

NO2 – Valore massimo previsto (CHIMERE)

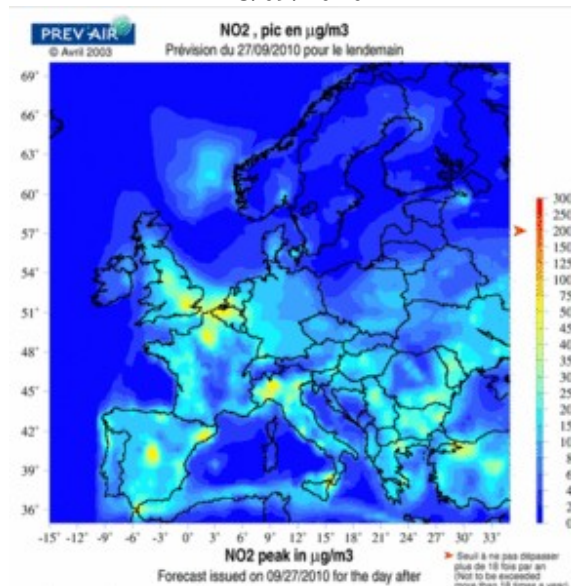
26/09/2010



27/09/2010



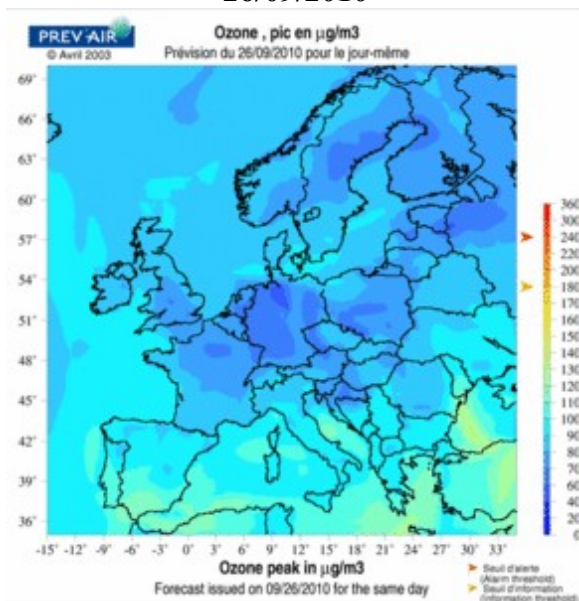
28/09/2010



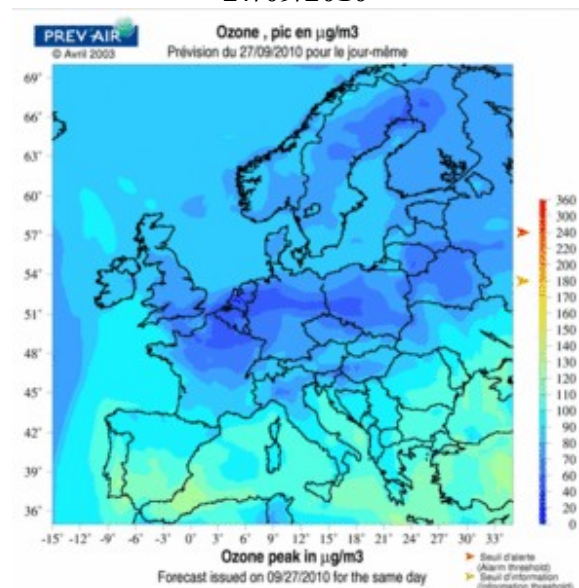
La ricostruzione modellistica effettuata con CHIMERE (ad opera di prev'air, Ministero della Repubblica Francese)) non mostra importanti variazioni della concentrazione massima di NO2

O3 – Valore massimo previsto (CHIMERE)

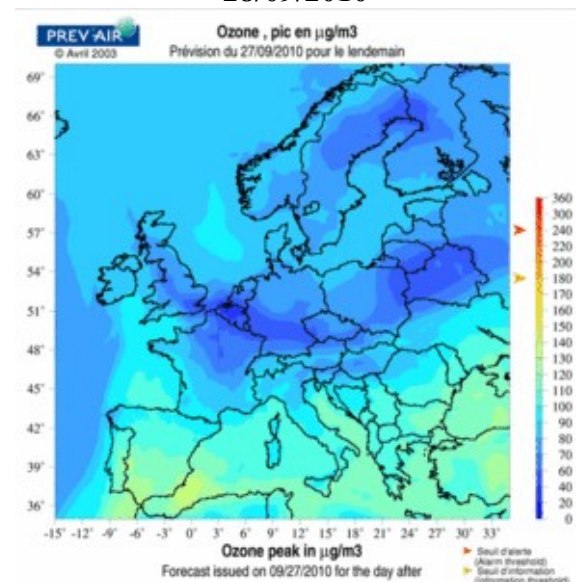
26/09/2010



27/09/2010



28/09/2010

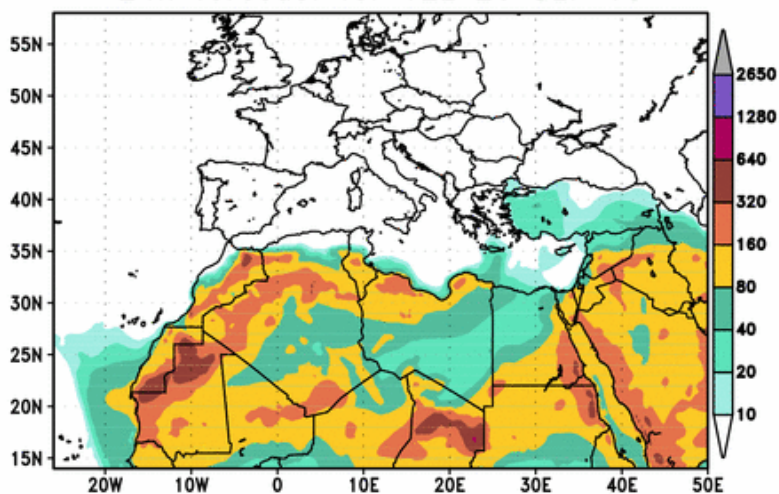


La ricostruzione modellistica effettuata con CHIMERE (ad opera di prev'air, Ministero della Repubblica Francese) non mostra importanti variazioni della concentrazione massima di O3.

PM10 Previsioni di trasporto a lunga distanza – Modello DREAM

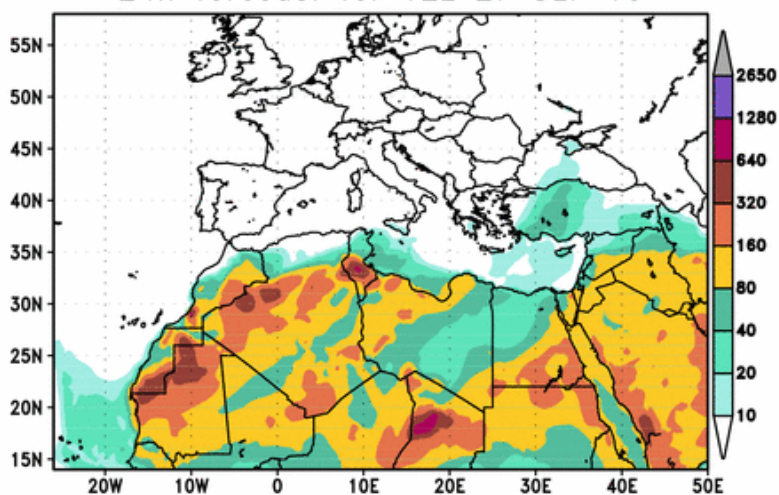
26/09/2010

BSC-DREAM8b Lowest Model Level Dust Conc. ($\mu\text{g}/\text{m}^3$)
24h forecast for 12z 26 SEP 10



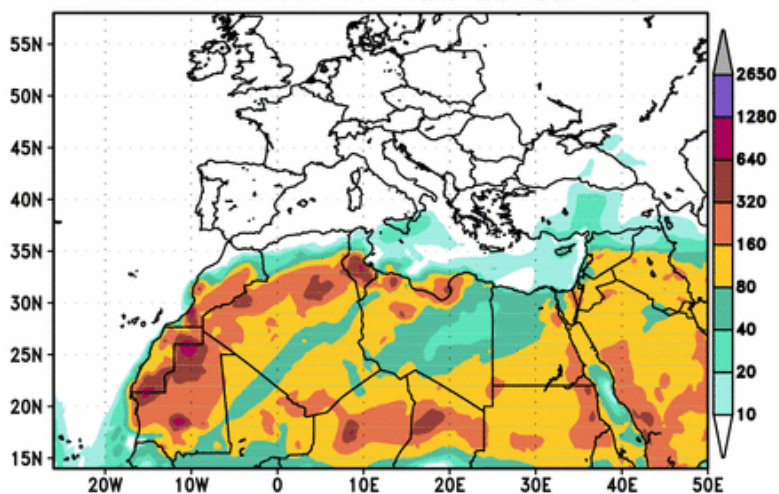
27/09/2010

BSC-DREAM8b Lowest Model Level Dust Conc. ($\mu\text{g}/\text{m}^3$)
24h forecast for 12z 27 SEP 10



28/09/2010

BSC-DREAM8b Lowest Model Level Dust Conc. ($\mu\text{g}/\text{m}^3$)
48h forecast for 12z 28 SEP 10



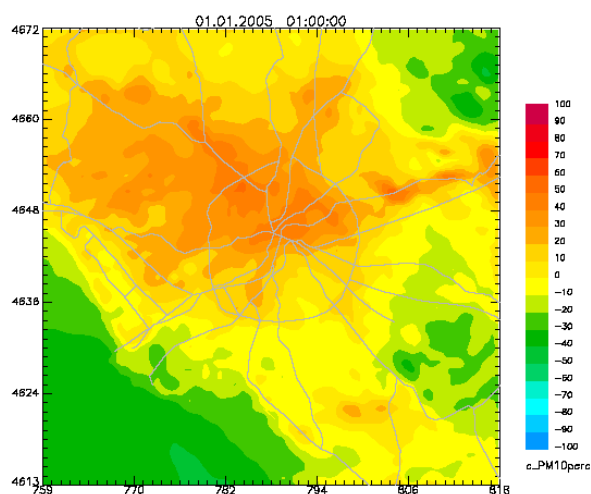
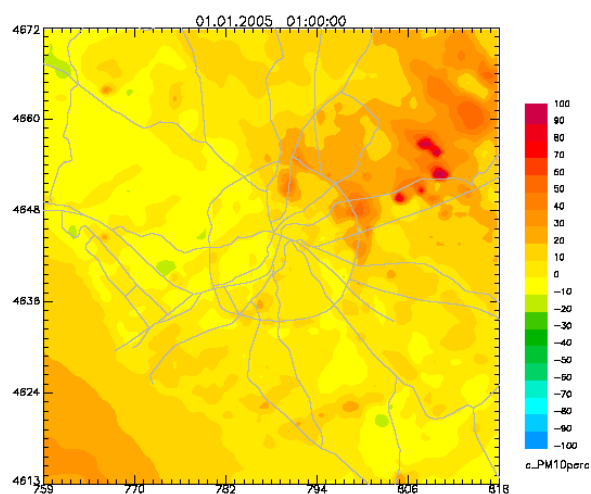
Non e' prevista influenza di eventi di trasporto da lunga distanza di PM10 provenienti dalle regioni nord-africane.

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

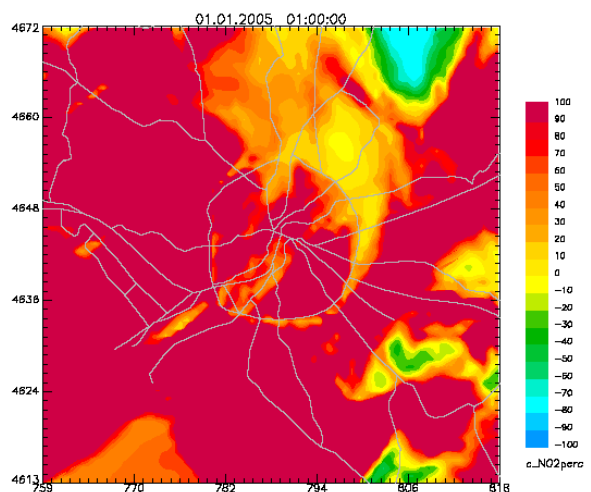
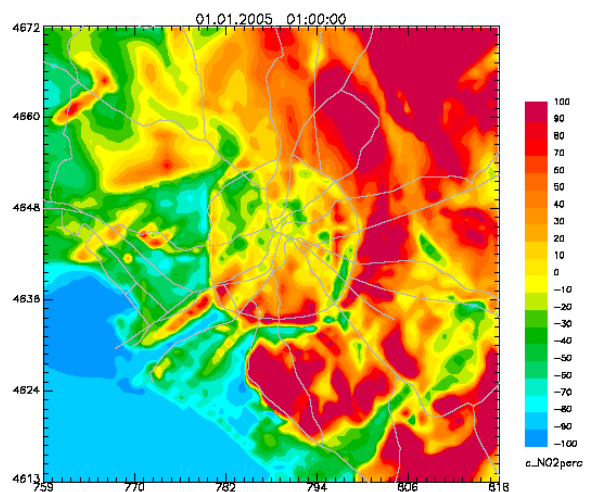
27 settembre – 26 settembre (oggi – ieri)

28 Settembre – 27 Settembre (domani – oggi)

PM10 - media giornaliera



NO2 – valore massimo



O3 – valore massimo

