



Bollettino Quotidiano
13 Ottobre 2010

Centro Regionale della Qualità dell'Aria

e-mail : craria@arpalazio.it

CENTRO REGIONALE DELLA QUALITA' DELL'ARIA (12, 13 e 14 Ottobre 2010)

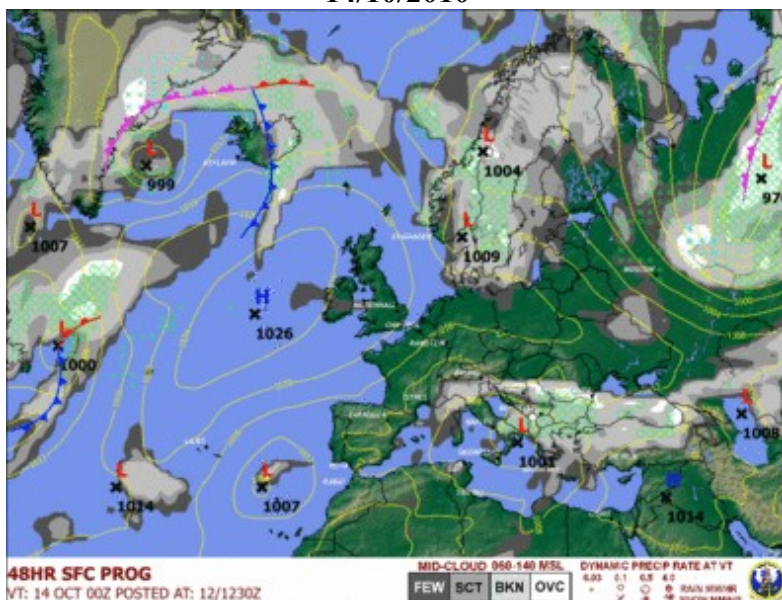
12/10/2010



13/10/2010



14/10/2010



Situazione meteorologica a grande scala

Continua la forte instabilità sulle regioni centrali e su parte del Sud peninsulare.

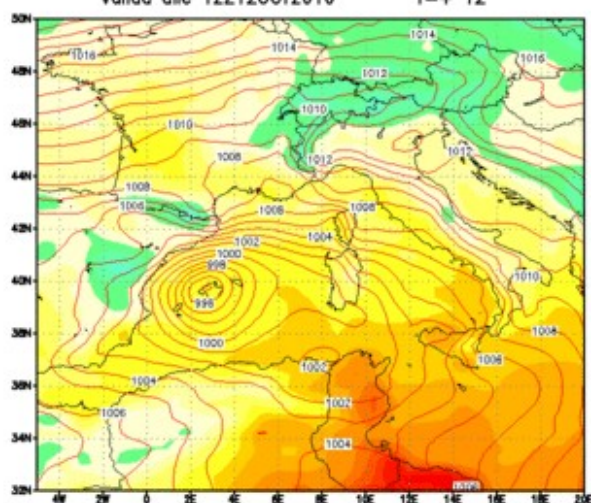
12/10/2010

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

Run del 00Z12OCT2010

Valida alle 12Z12OCT2010

T=+ 12



MetOffice per 3bmeteo.com

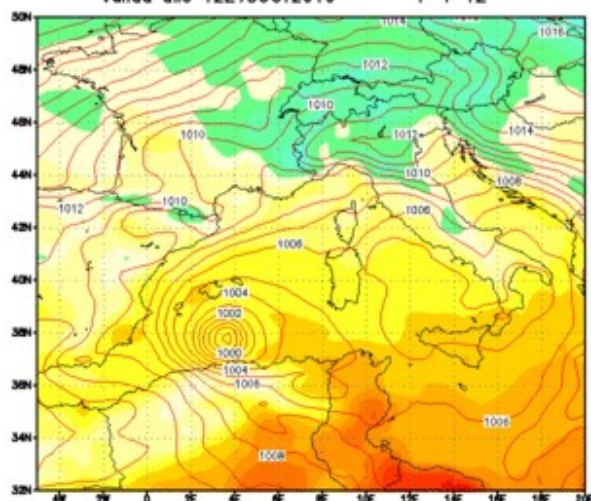
13/10/2010

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

Run del 00Z13OCT2010

Valida alle 12Z13OCT2010

T=+ 12



MetOffice per 3bmeteo.com

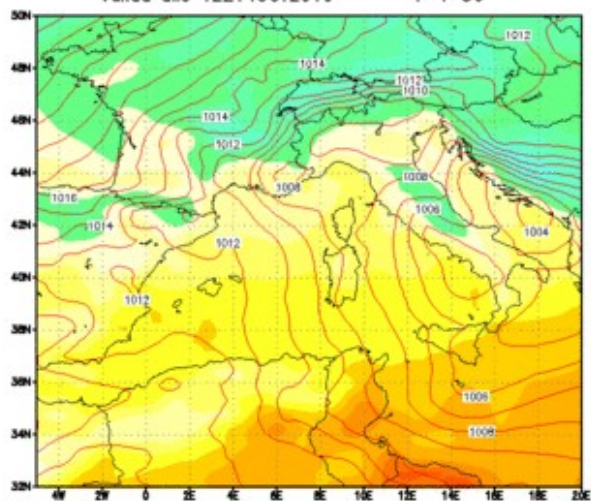
14/10/2010

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

Run del 00Z13OCT2010

Valida alle 12Z14OCT2010

T=+ 36



MetOffice per 3bmeteo.com

Campi di pressione e temperatura al suolo a grande scala

Non sono previste importanti variazioni della temperatura.

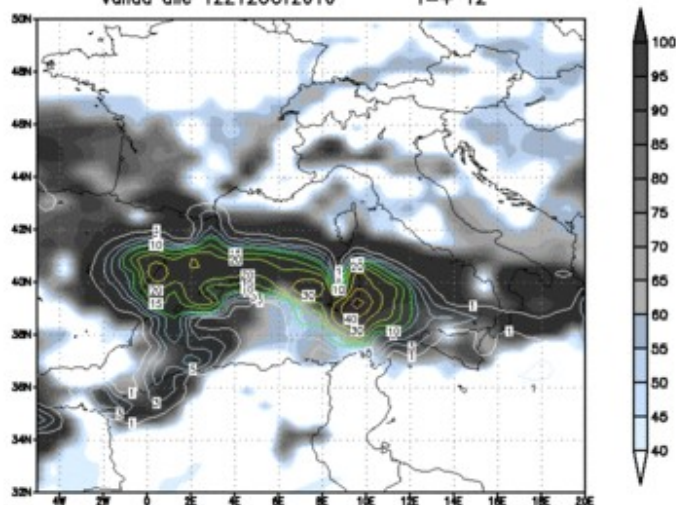
12/10/2010

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

Run del 00Z12OCT2010

Valida alle 12Z12OCT2010

T=+ 12



MetOffice per 3bmeteo.com

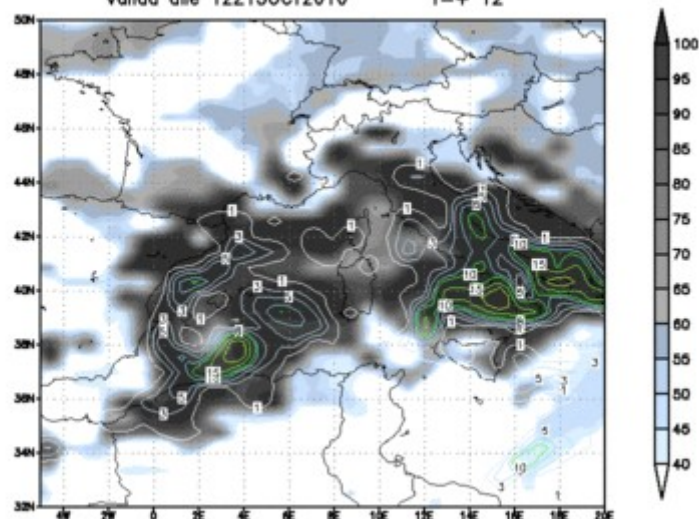
13/10/2010

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

Run del 00Z13OCT2010

Valida alle 12Z13OCT2010

T=+ 12



MetOffice per 3bmeteo.com

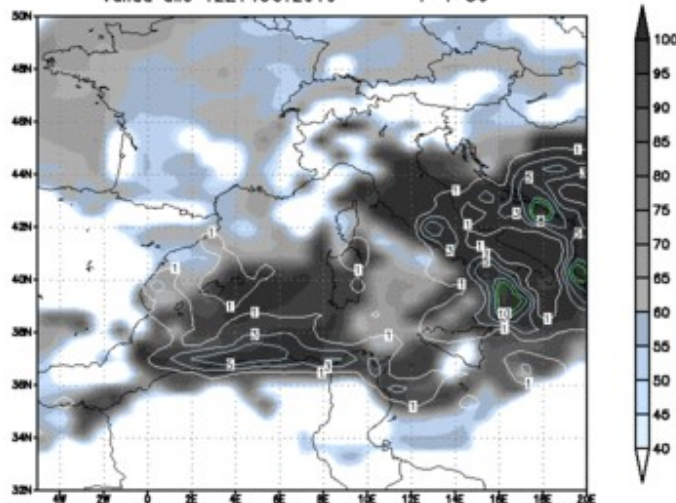
14/10/2010

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

Run del 00Z13OCT2010

Valida alle 12Z14OCT2010

T=+ 36



MetOffice per 3bmeteo.com

Copertura nuvolosa e precipitazione a grande scala

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

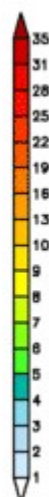
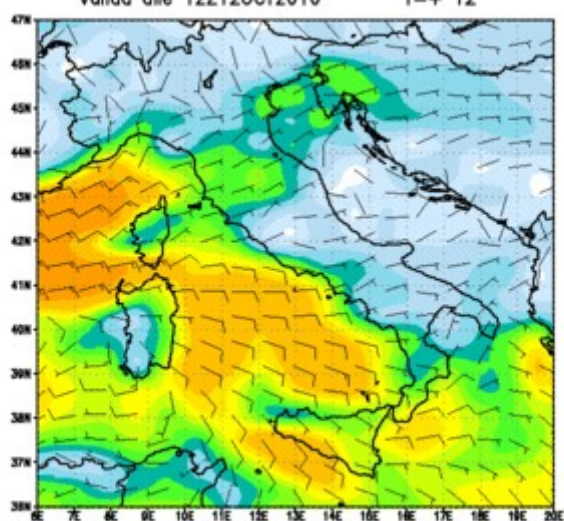
12/10/2010

Modello UKMO — Vento a 10 metri (m/s)

Run del 00Z12OCT2010

Valida alle 12Z12OCT2010

T=+ 12



MetOffice per 3bmeteo.com

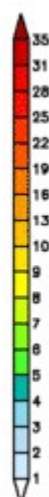
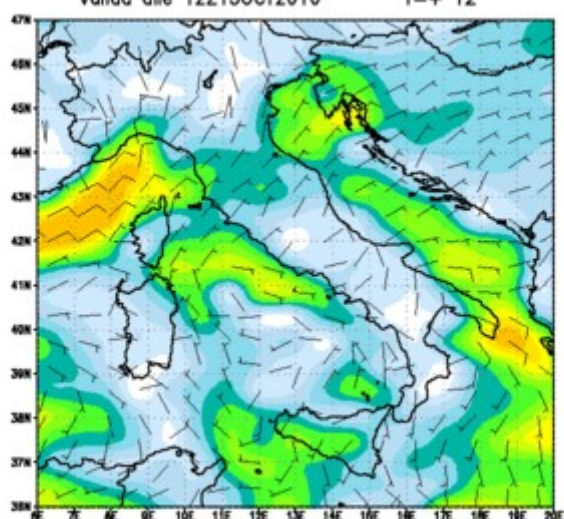
13/10/2010

Modello UKMO — Vento a 10 metri (m/s)

Run del 00Z13OCT2010

Valida alle 12Z13OCT2010

T=+ 12



MetOffice per 3bmeteo.com

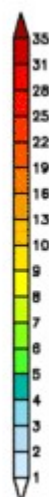
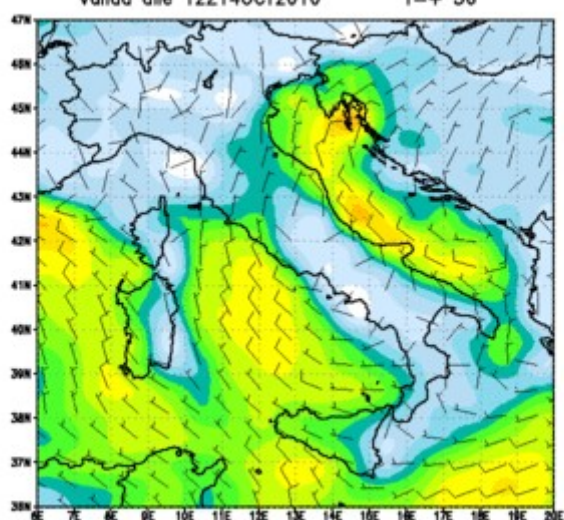
14/10/2010

Modello UKMO — Vento a 10 metri (m/s)

Run del 00Z13OCT2010

Valida alle 12Z14OCT2010

T=+ 36



MetOffice per 3bmeteo.com

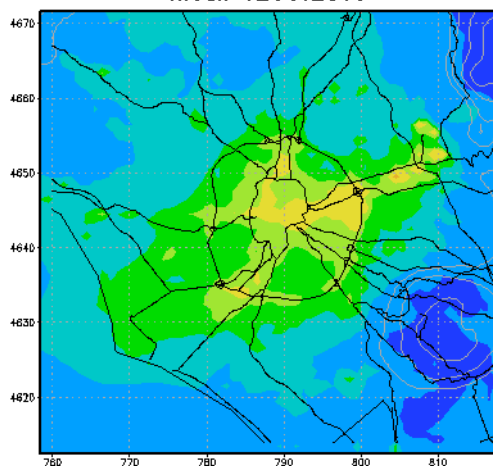
Campi di vento

E' previsto un lieve aumento dell'intensità della velocità dei venti.

PM10 media giornaliera prevista – Previsioni Arpalazio

12/10/2010

mean 12OCT2010



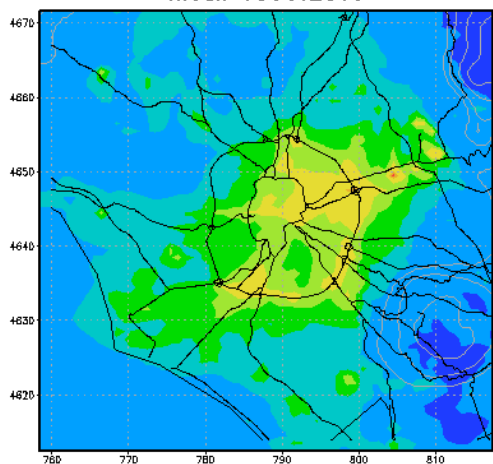
µg/m³

GIS: COLA/IGES

2010-10-12-10:19

13/10/2010

mean 13OCT2010



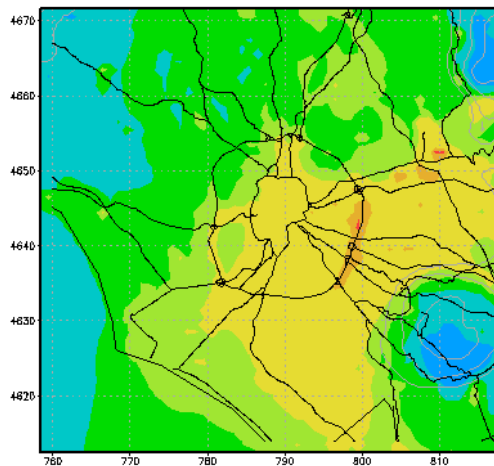
µg/m³

GIS: COLA/IGES

2010-10-13-10:40

14/10/2010

mean 14OCT2010



µg/m³

GIS: COLA/IGES

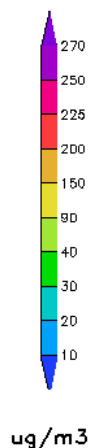
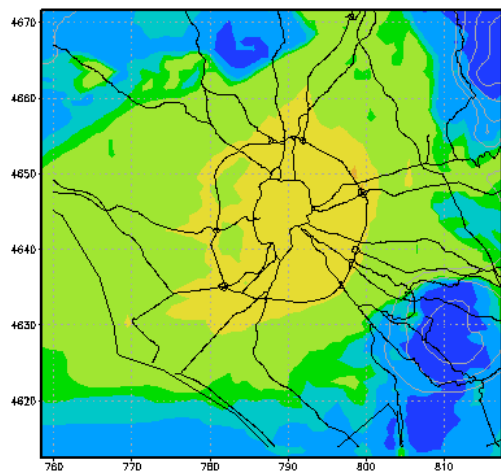
2010-10-13-10:55

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

NO2 – valore massimo previsto (ARPALAZIO)

12/10/2010

max 12OCT2010

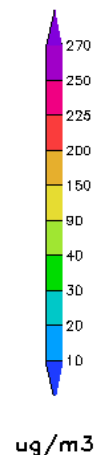
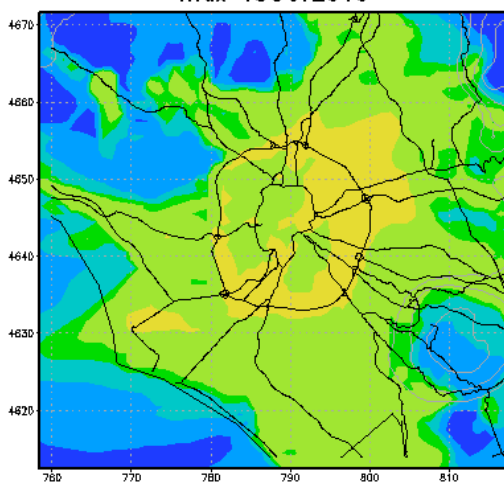


GRADIS: CDLA/IGES

2010-10-12-10:19

13/10/2010

max 13OCT2010

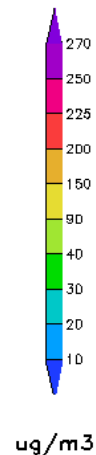
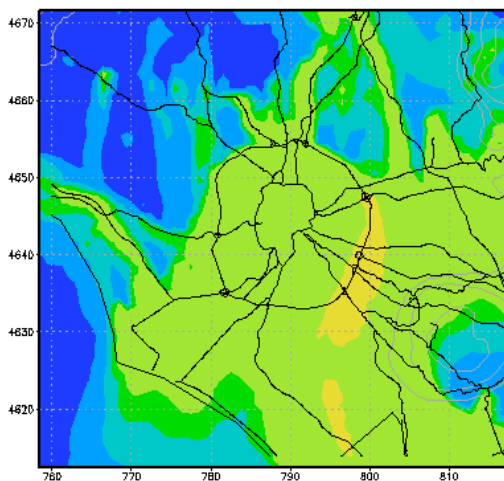


GRADIS: CDLA/IGES

2010-10-13-10:40

14/10/2010

max 14OCT2010



GRADIS: CDLA/IGES

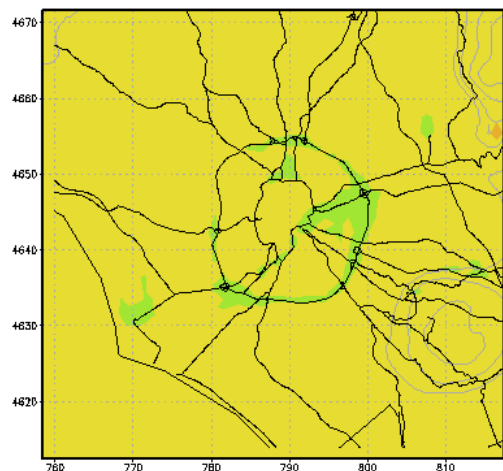
2010-10-13-10:55

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

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

12/10/2010

max of 8hr mean 12OCT2010



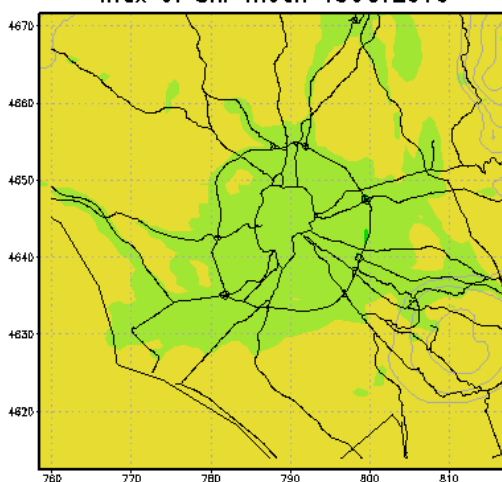
ug/m3

GRADIS: COLLA/IGES

2010-10-12-10:19

13/10/2010

max of 8hr mean 13OCT2010



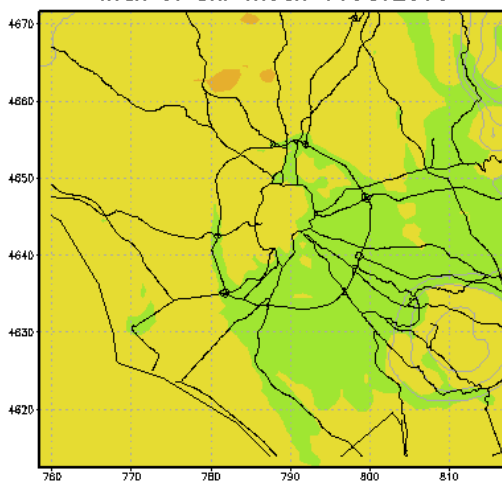
ug/m3

GRADIS: COLLA/IGES

2010-10-13-10:39

14/10/2010

max of 8hr mean 14OCT2010



ug/m3

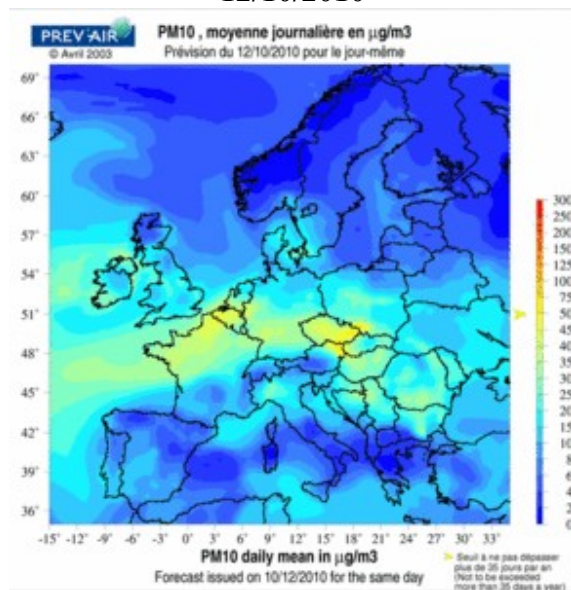
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2010-10-13-10:54

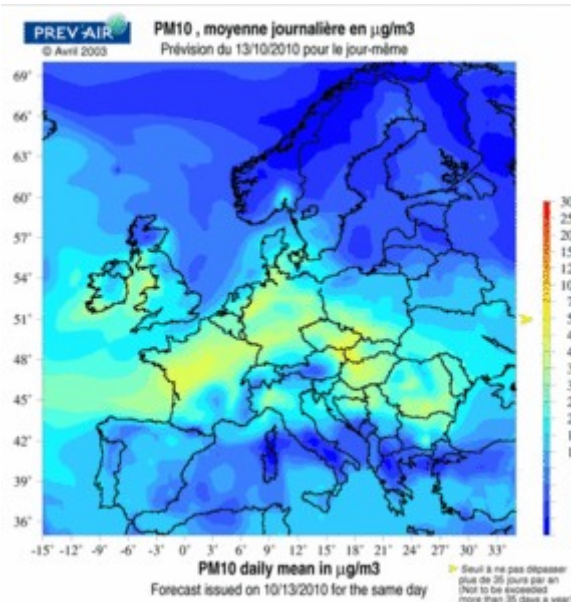
Il sistema previsionale mostra una riduzione della concentrazione massima giornaliera mediata sulle 8 ore di O3 nell'area metropolitana di Roma.

PM10 – Valore medio previsto (CHIMERE)

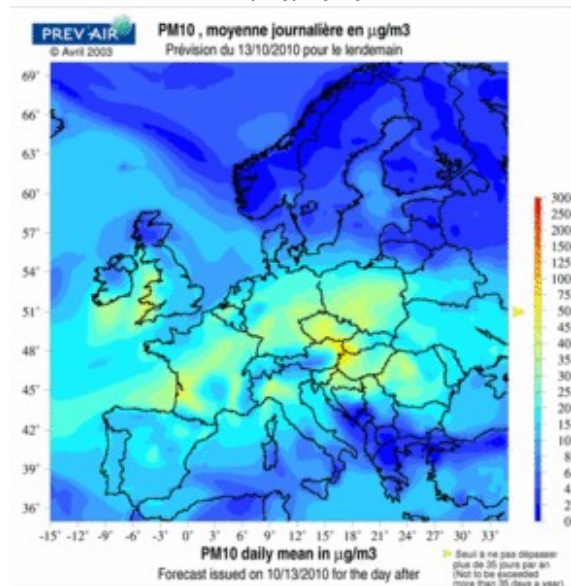
12/10/2010



13/10/2010



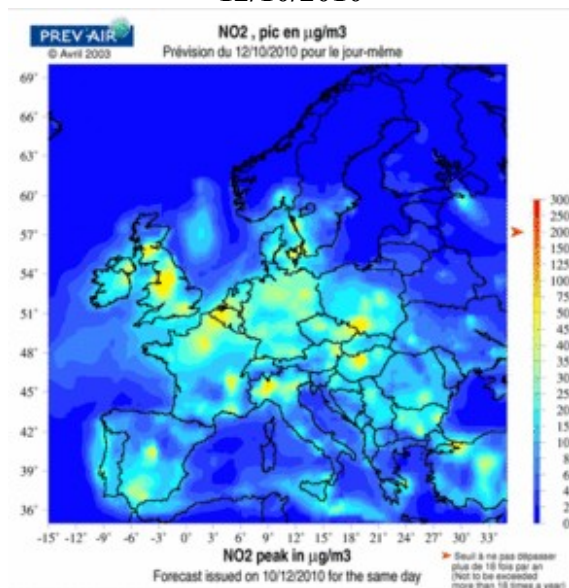
14/10/2010



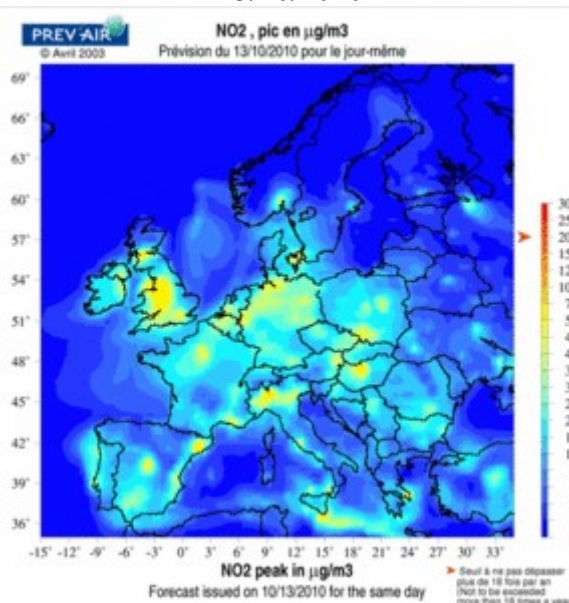
La ricostruzione modellistica effettuata con CHIMERE (ad opera di prev'air, Ministero della Repubblica Francese) mostra un lieve aumento della concentrazione media di PM10.

NO2 – Valore massimo previsto (CHIMERE)

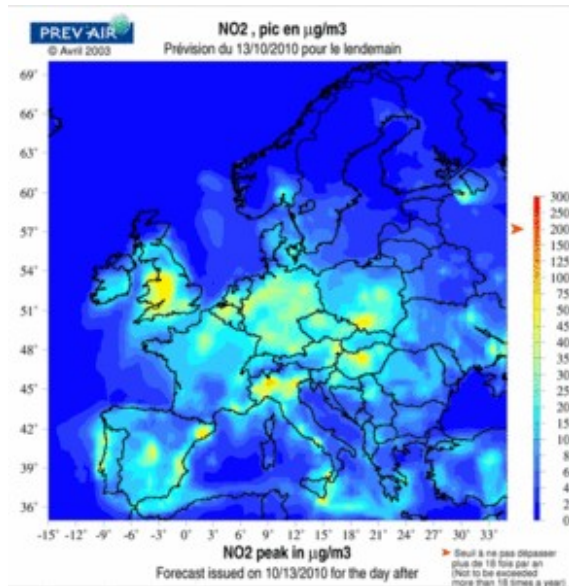
12/10/2010



13/10/2010



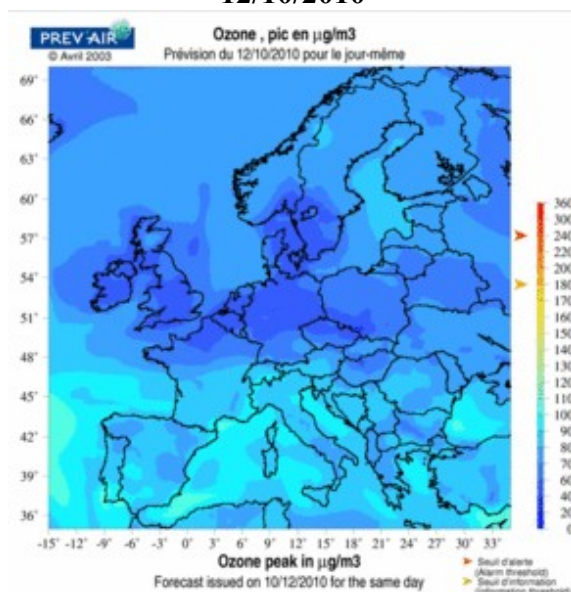
14/10/2010



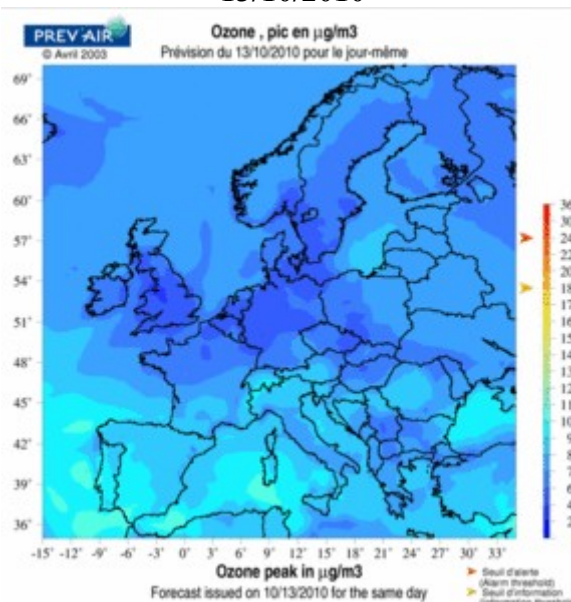
La ricostruzione modellistica effettuata con CHIMERE (ad opera di prev'air, Ministero della Repubblica Francese)) non mostra importanti variazioni della concentrazione massima di NO2

O3 – Valore massimo previsto (CHIMERE)

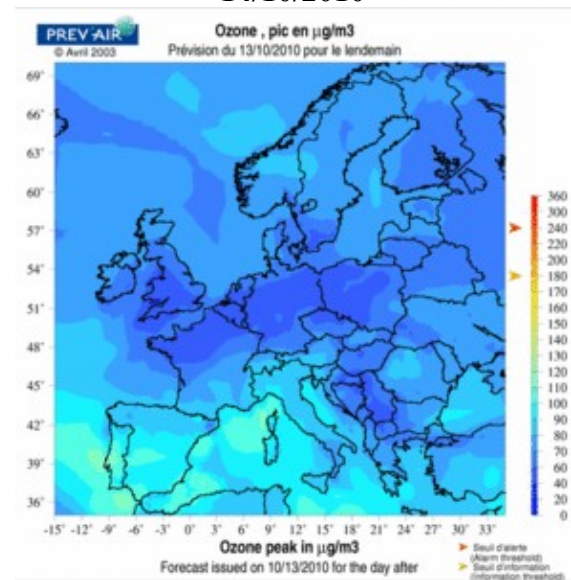
12/10/2010



13/10/2010



14/10/2010

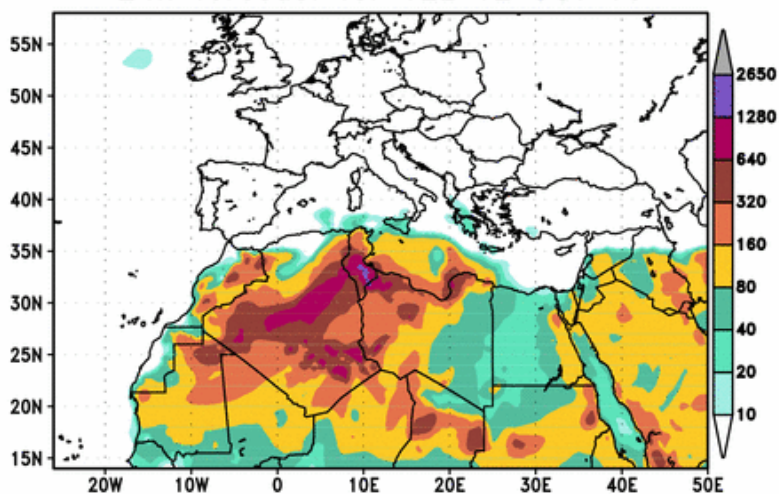


La ricostruzione modellistica effettuata con CHIMERE (ad opera di prev'air, Ministero della Repubblica Francese) mostra un lieve aumento della concentrazione massima di O3.

PM10 Previsioni di trasporto a lunga distanza – Modello DREAM

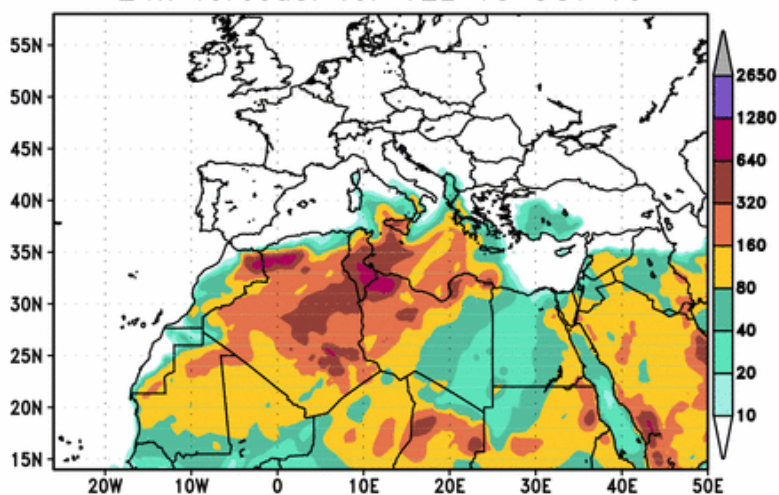
12/10/2010

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



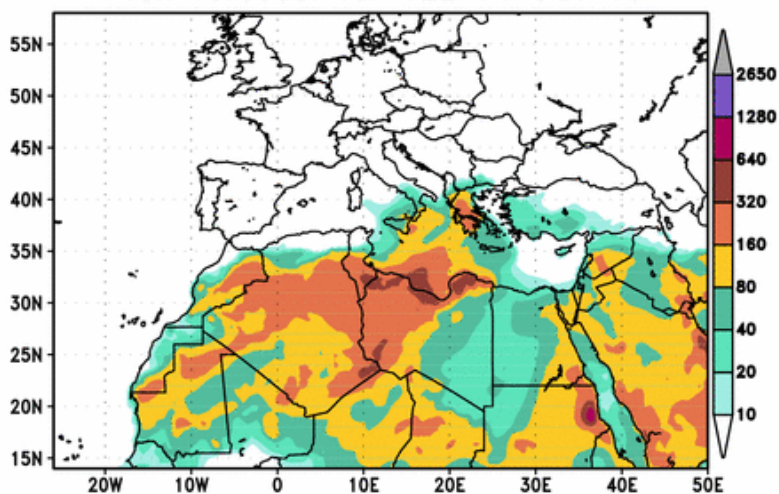
13/10/2010

BSC-DREAM8b Lowest Model Level Dust Conc. ($\mu\text{g}/\text{m}^3$)
24h forecast for 12z 13 OCT 10



14/10/2010

BSC-DREAM8b Lowest Model Level Dust Conc. ($\mu\text{g}/\text{m}^3$)
48h forecast for 12z 14 OCT 10



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)

