



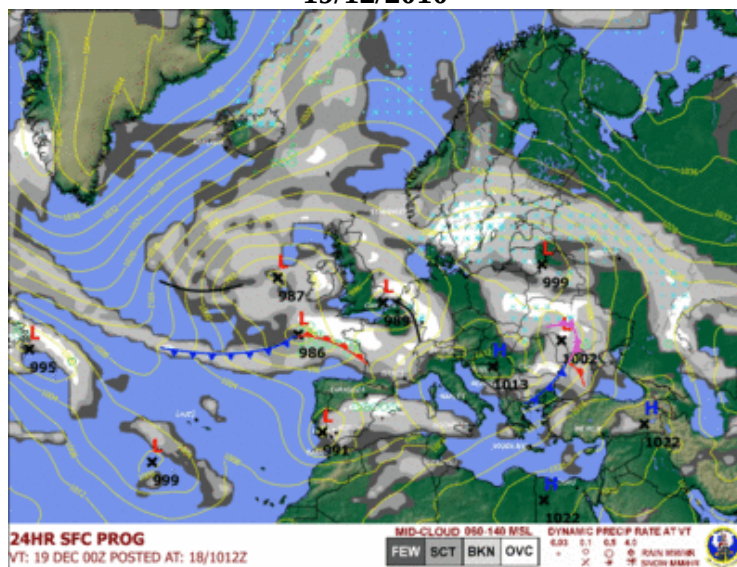
Bollettino Quotidiano
20 Dicembre 2010

Centro Regionale della Qualità dell'Aria

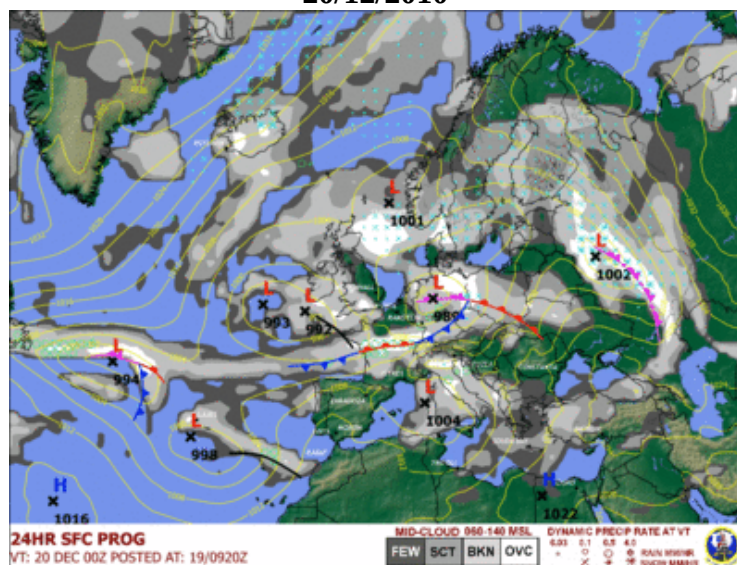
e-mail : craria@arpalazio.it

CENTRO REGIONALE DELLA QUALITA' DELL'ARIA (19, 20 e 21 Dicembre 2010)

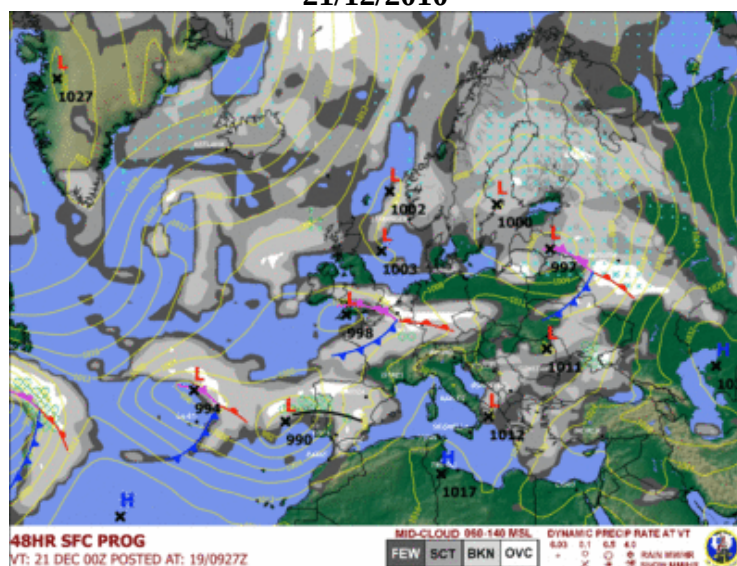
19/12/2010



20/12/2010



21/12/2010



Situazione meteorologica a grande scala

Transiteranno un susseguirsi di modesti fronti dando luogo a qualche fenomeno sparso al centro nord

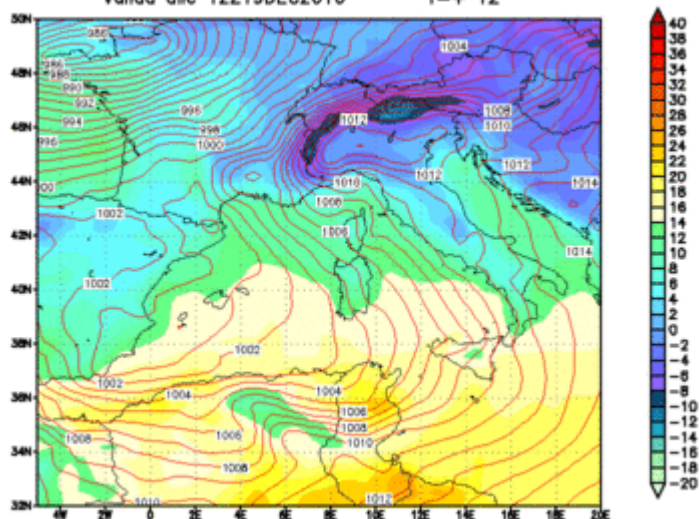
19/12/2010

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

Run del 00Z19DEC2010

Valida alle 12Z19DEC2010

T=+ 12



MetOffice per 3bmeteo.com

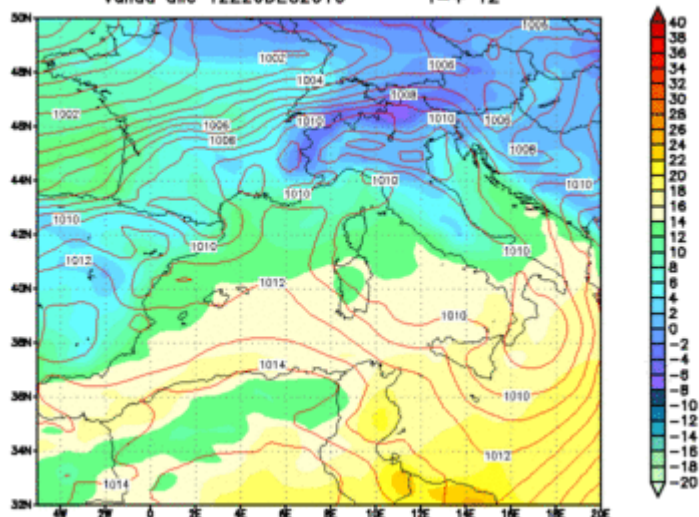
120/12/2010

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

Run del 00Z20DEC2010

Valida alle 12Z20DEC2010

T=+ 12



MetOffice per 3bmeteo.com

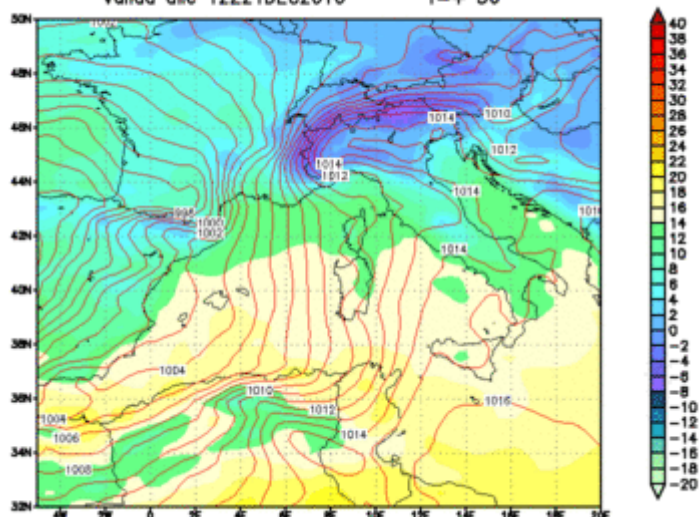
21/12/2010

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

Run del 00Z20DEC2010

Valida alle 12Z21DEC2010

T=+ 36



MetOffice per 3bmeteo.com

Campi di pressione e temperatura al suolo a grande scala

Le temperature si mantengono basse e costanti

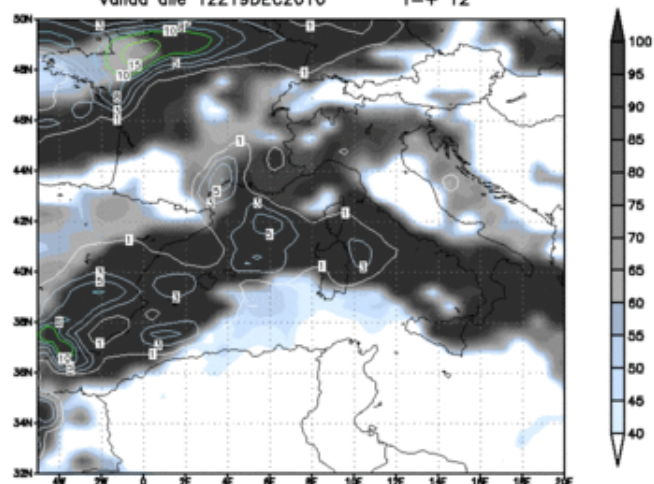
19/12/2010

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

Run del 00Z19DEC2010

Valida alle 12Z19DEC2010

T=+ 12



MetOffice per 3bmeteo.com

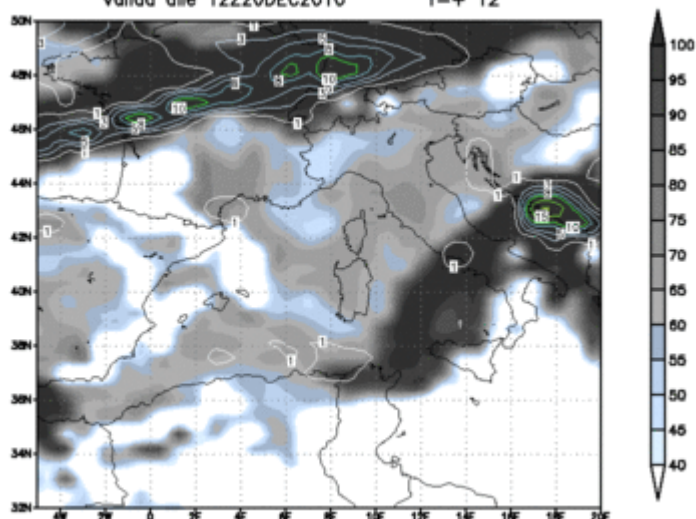
20/12/2010

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

Run del 00Z20DEC2010

Valida alle 12Z20DEC2010

T=+ 12



MetOffice per 3bmeteo.com

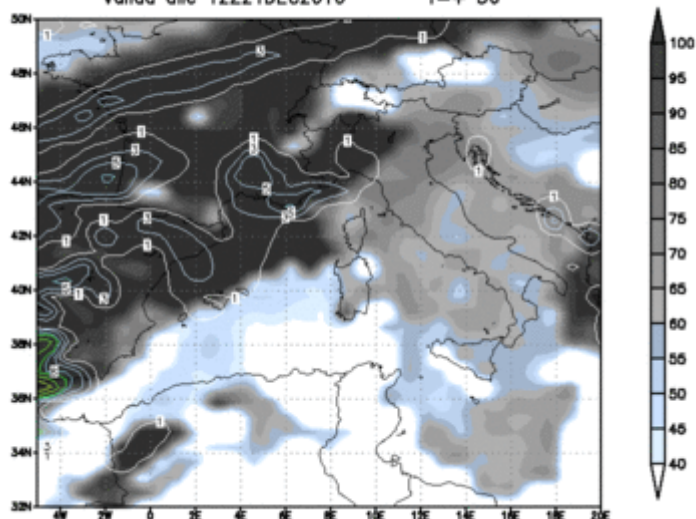
21/12/2010

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

Run del 00Z20DEC2010

Valida alle 12Z21DEC2010

T=+ 36



MetOffice per 3bmeteo.com

Copertura nuvolosa e precipitazione a grande scala

Sono previste deboli precipitazioni al centro nord

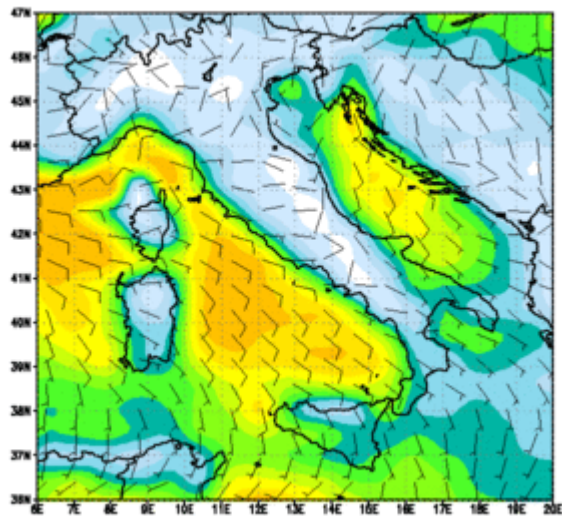
19/12/2010

Modello UKMO – Vento a 10 metri (m/s)

Run del 00Z19DEC2010

Valida alle 12Z19DEC2010

T=+ 12



MetOffice per 3bmeteo.com

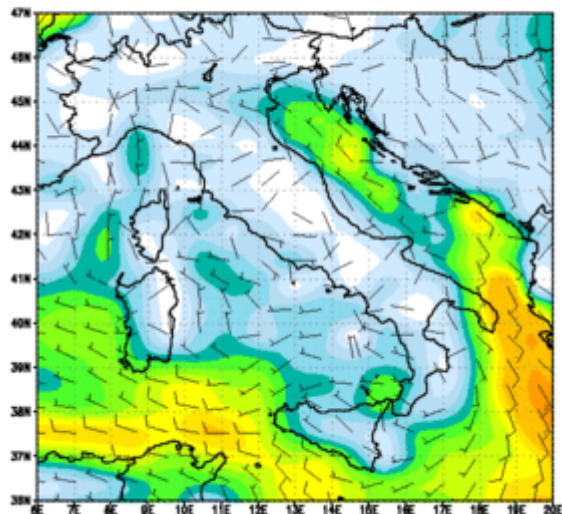
20/12/2010

Modello UKMO – Vento a 10 metri (m/s)

Run del 00Z20DEC2010

Valida alle 12Z20DEC2010

T=+ 12



MetOffice per 3bmeteo.com

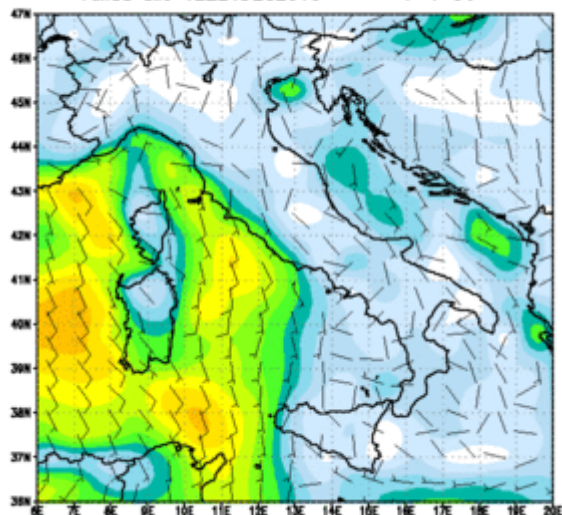
21/12/2010

Modello UKMO – Vento a 10 metri (m/s)

Run del 00Z20DEC2010

Valida alle 12Z21DEC2010

T=+ 36



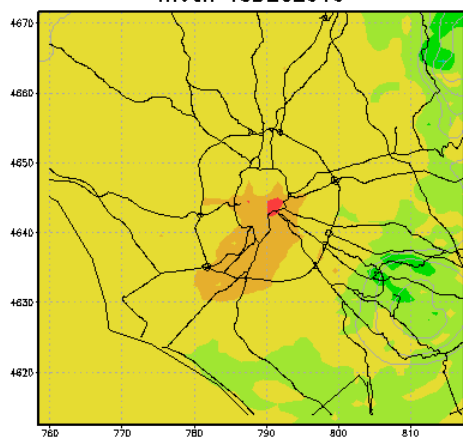
MetOffice per 3bmeteo.com

Campi di vento
L'intensità della velocità dei venti
si mantiene pressoché costante

PM10 media giornaliera prevista – Previsioni Arpalazio

19/12/2010

mean 19DEC2010



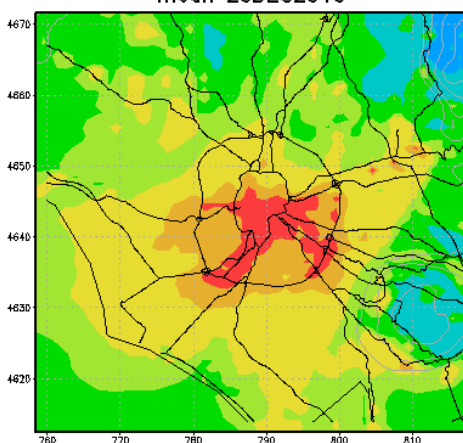
ug/m3

GRAPSI COLLA/IGES

2010-12-19-10:41

20/12/2010

mean 20DEC2010



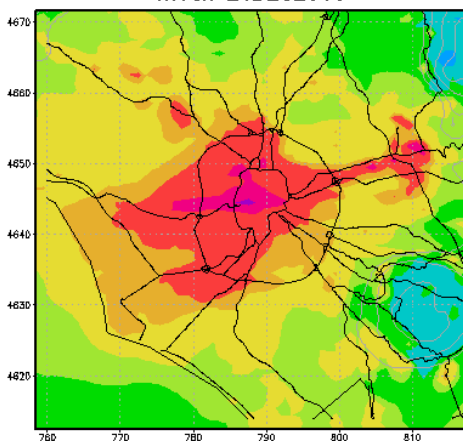
ug/m3

GRAPSI COLLA/IGES

2010-12-20-10:19

21/12/2010

mean 21DEC2010



ug/m3

GRAPSI COLLA/IGES

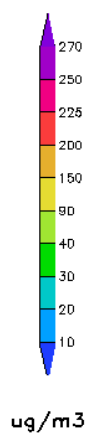
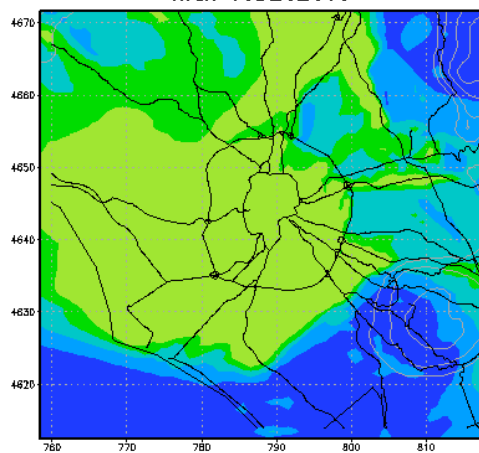
2010-12-20-10:45

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

NO2 – valore massimo previsto (ARPALAZIO)

19/12/2010

max 19DEC2010

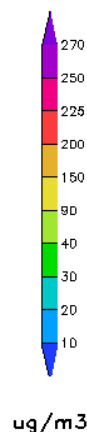
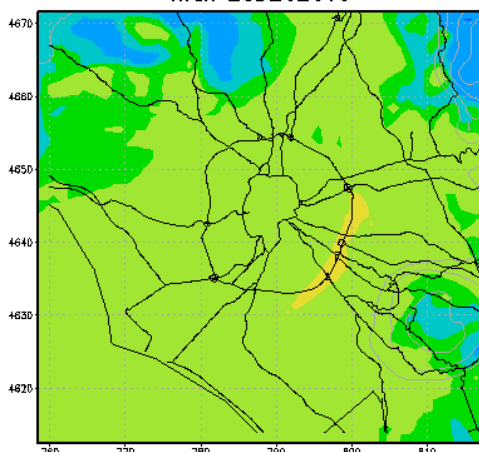


GRADS: CDLA/IGES

2010-12-19-10:41

20/12/2010

max 20DEC2010

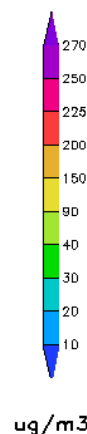
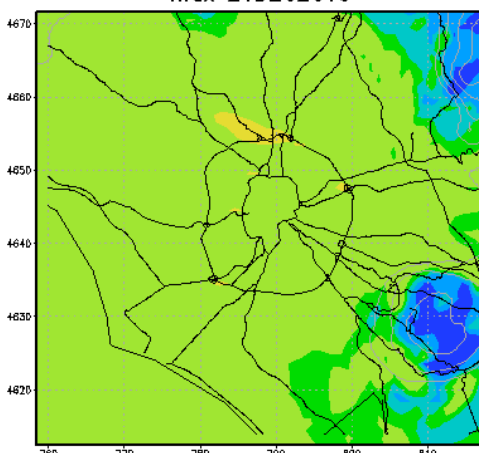


GRADS: CDLA/IGES

2010-12-20-10:19

21/12/2010

max 21DEC2010



GRADS: CDLA/IGES

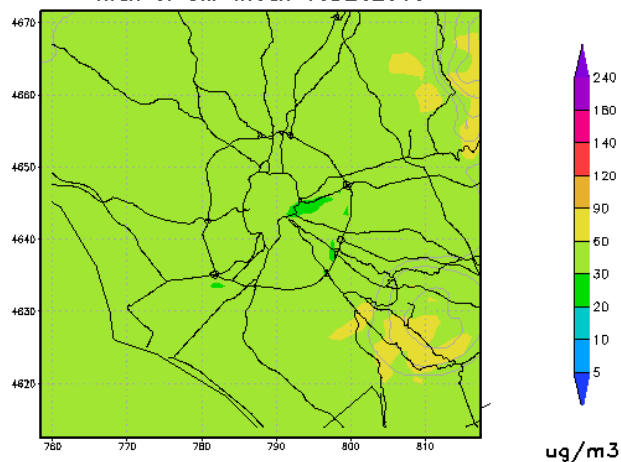
2010-12-20-10:45

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

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

19/12/2010

max of 8hr mean 19DEC2010

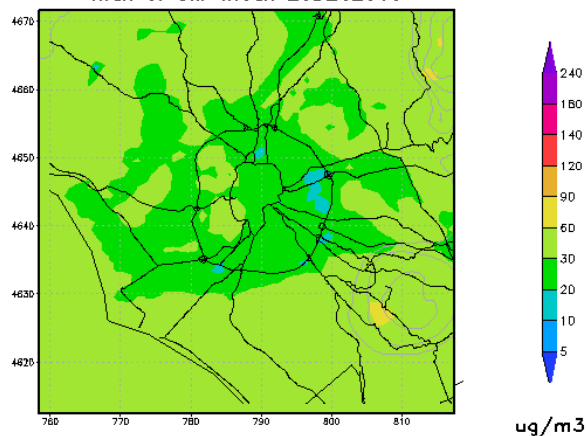


GRADIS: COLLA/AGES

2010-12-19-10:40

20/12/2010

max of 8hr mean 20DEC2010

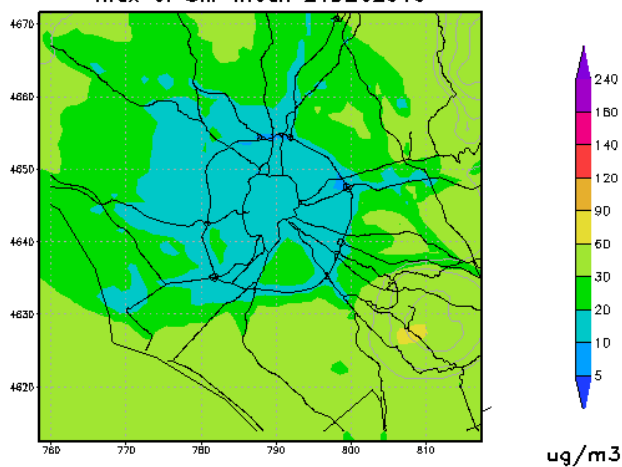


GRADIS: COLLA/AGES

2010-12-20-10:19

21/12/2010

max of 8hr mean 21DEC2010



GRADIS: COLLA/AGES

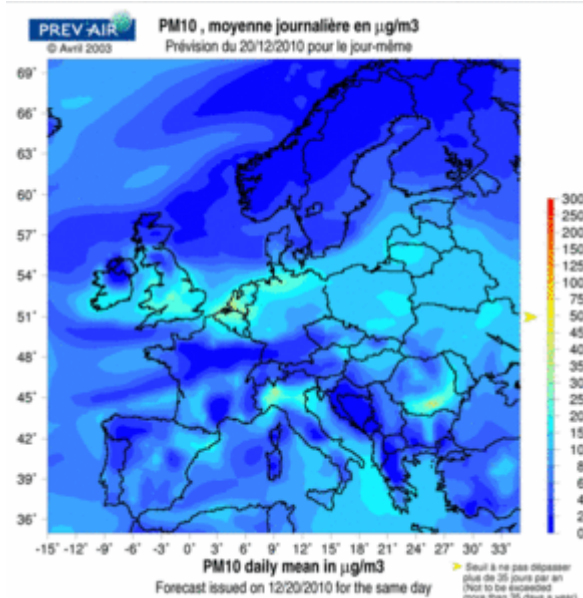
2010-12-20-10:44

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

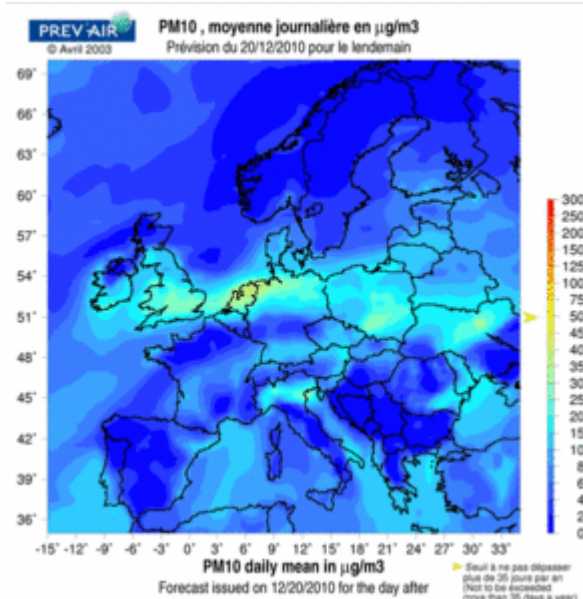
PM10 – Valore medio previsto (CHIMERE)

19/12/2010
NON DISPONIBILE

20/12/2010



21/12/2010

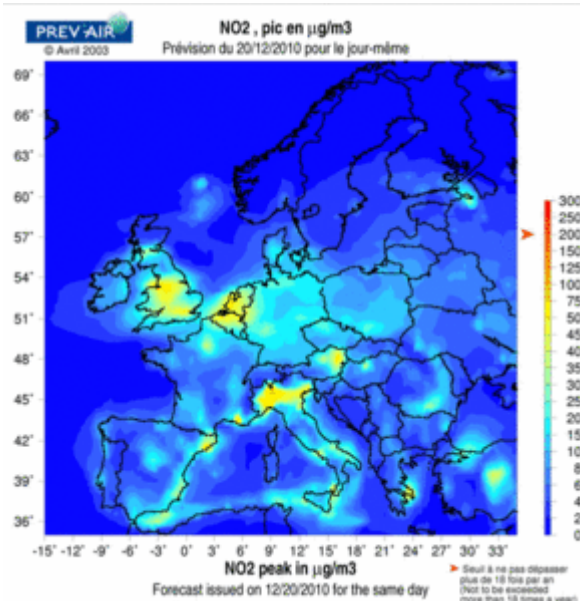


La ricostruzione modellistica effettuata con CHIMERE (ad opera di prev'air, Ministero della Repubblica Francese) non mostra importanti variazioni di concentrazione media di PM10.

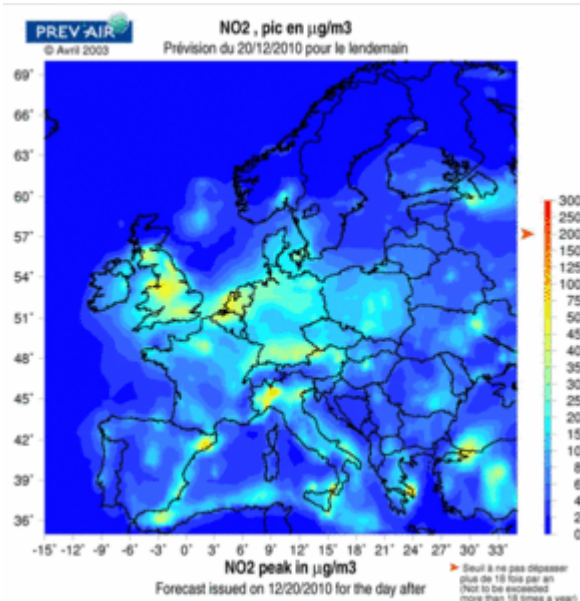
NO2 – Valore massimo previsto (CHIMERE)

19/12/2010
NON DISPONIBILE

20/12/2010



21/12/2010

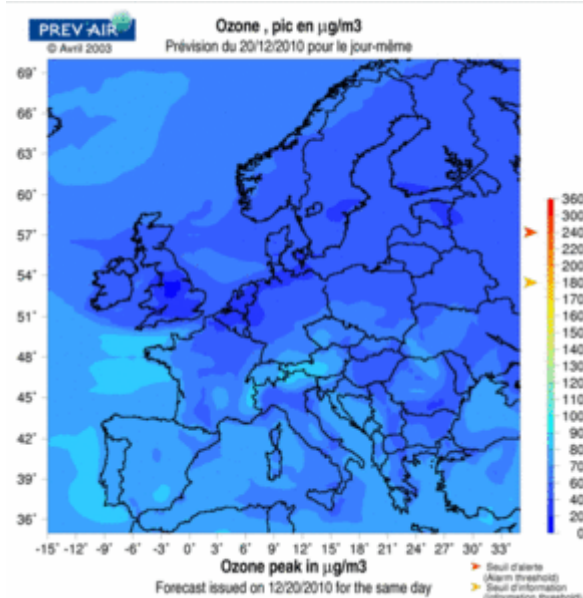


La ricostruzione modellistica effettuata con CHIMERE (ad opera di prev'air, Ministero della Repubblica Francese)) mostra che la concentrazione massima di NO2 presenta delle riduzioni

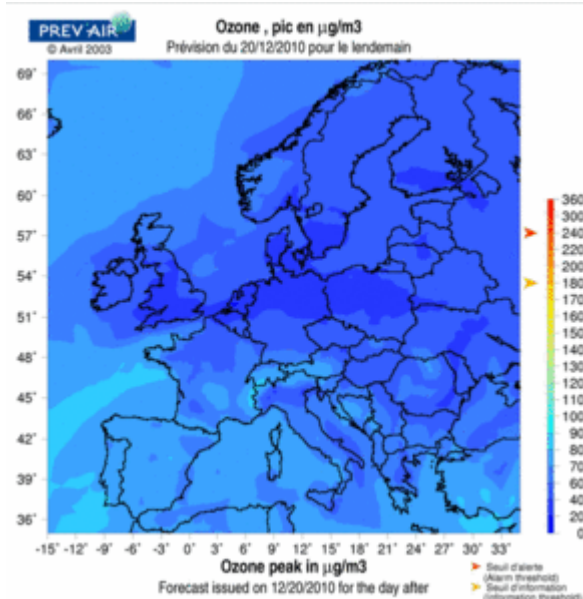
O3 – Valore massimo previsto (CHIMERE)

19/12/2010

20/12/2010



21/12/2010

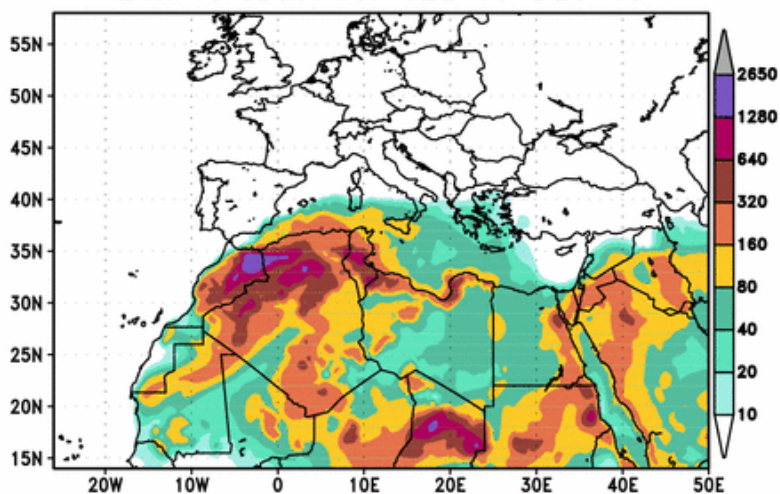


La ricostruzione modellistica effettuata con CHIMERE (ad opera di prev'air, Ministero della Repubblica Francese) non mostra importanti variazioni della concentrazione massima di O3.

PM10 Previsioni di trasporto a lunga distanza – Modello DREAM

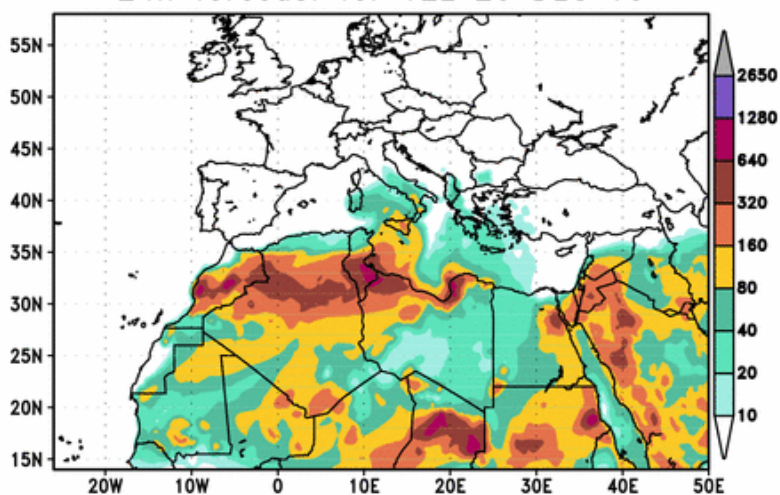
19/12/2010

BSC-DREAM8b Lowest Model Level Dust Conc. ($\mu\text{g}/\text{m}^3$)
24h forecast for 12z 19 DEC 10



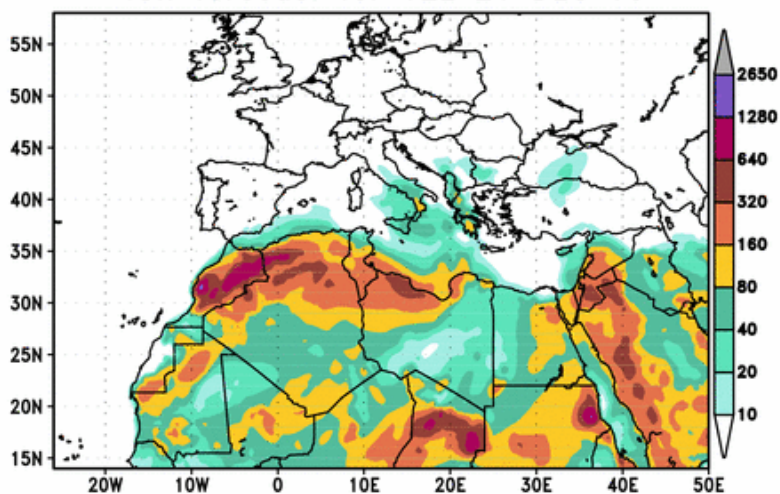
20/12/2010

BSC-DREAM8b Lowest Model Level Dust Conc. ($\mu\text{g}/\text{m}^3$)
24h forecast for 12z 20 DEC 10



21/12/2010

BSC-DREAM8b Lowest Model Level Dust Conc. ($\mu\text{g}/\text{m}^3$)
48h forecast for 12z 21 DEC 10



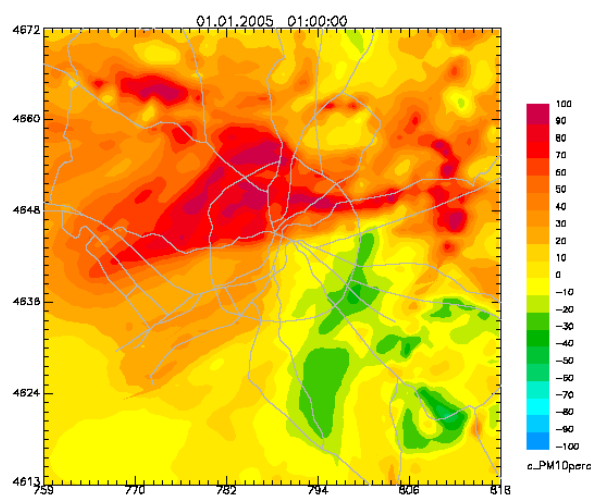
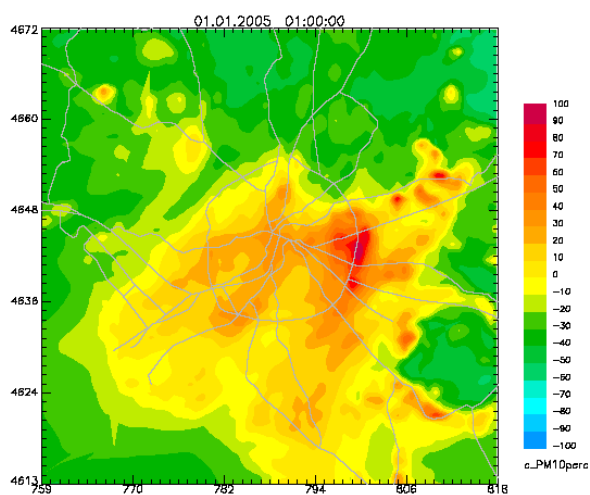
E' prevista influenza di eventi di trasporto da lunga distanza di PM10 provenienti dalle regioni nord-africane.

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

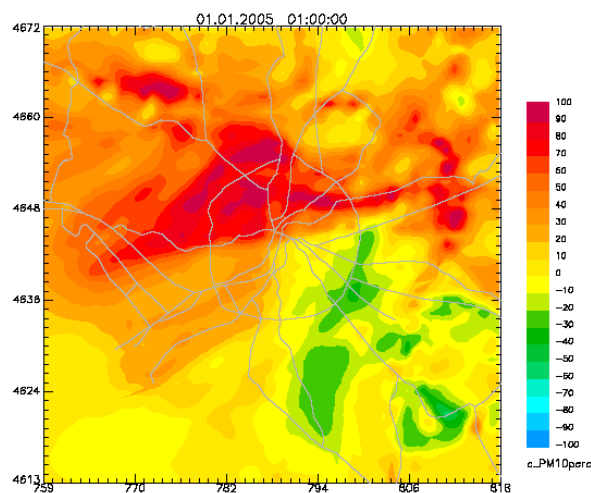
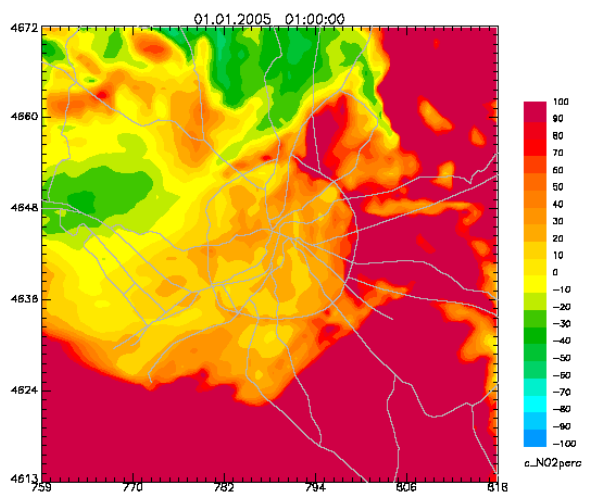
20 Dicembre – 19 Dicembre (oggi – ieri)

21 Dicembre – 20 Dicembre (domani – oggi)

PM10 - media giornaliera



NO2 – valore massimo



O3 – valore massimo

