



Bollettino Quotidiano
19 Novembre 2010

Centro Regionale della Qualità dell'Aria

e-mail : craria@arpalazio.it

CENTRO REGIONALE DELLA QUALITA' DELL'ARIA (18, 19 e 20 Ottobre 2010)

18/11/2010



19/11/2010



20/11/2010



Situazione meteorologica a grande scala

Residue precipitazioni su Triveneto, Lombardia e pianure toscane, poi migliora. Più soleggiato altrove.

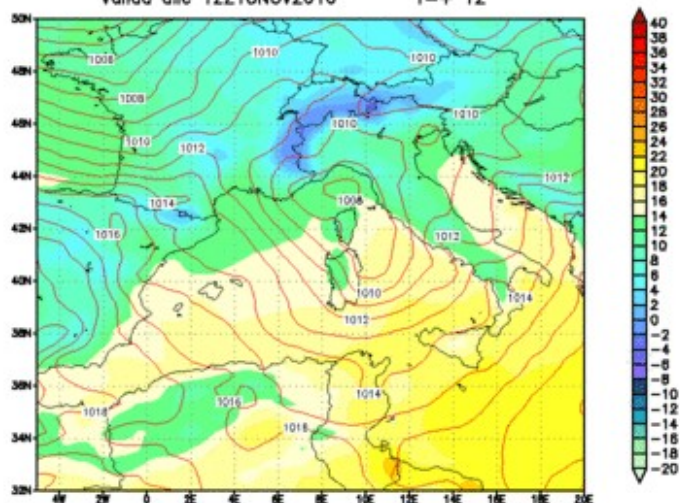
18/11/2010

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

Run del 00Z18NOV2010

Valida alle 12Z18NOV2010

T=+ 12



MetOffice per 3bmeteo.com

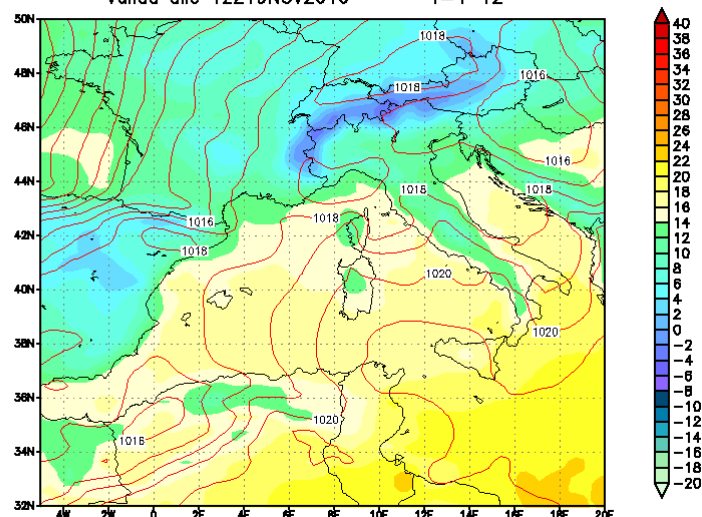
19/11/2010

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

Run del 00Z19NOV2010

Valida alle 12Z19NOV2010

T=+ 12



MetOffice per 3bmeteo.com

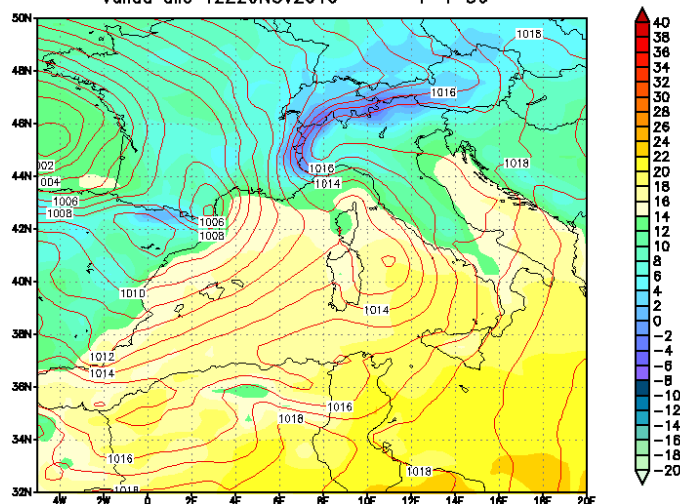
20/11/2010

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

Run del 00Z19NOV2010

Valida alle 12Z20NOV2010

T=+ 36



MetOffice per 3bmeteo.com

Campi di pressione e temperatura al suolo a grande scala

Non sono previste importanti variazioni delle temperature.

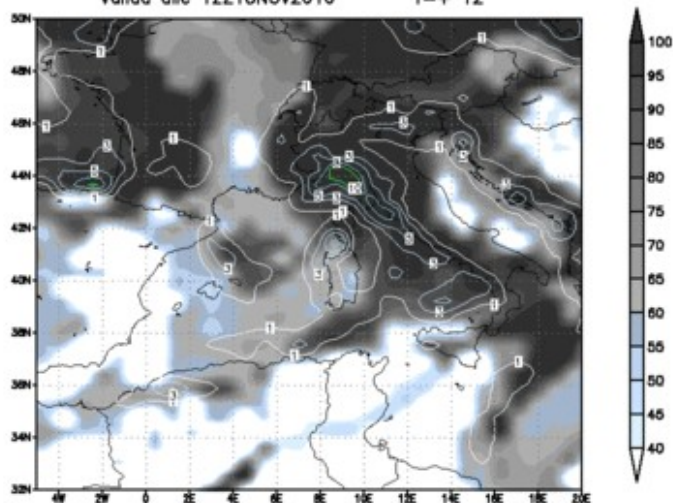
18/11/2010

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

Run del 00Z18NOV2010

Valida alle 12Z18NOV2010

T=+ 12



MetOffice per 3bmeteo.com

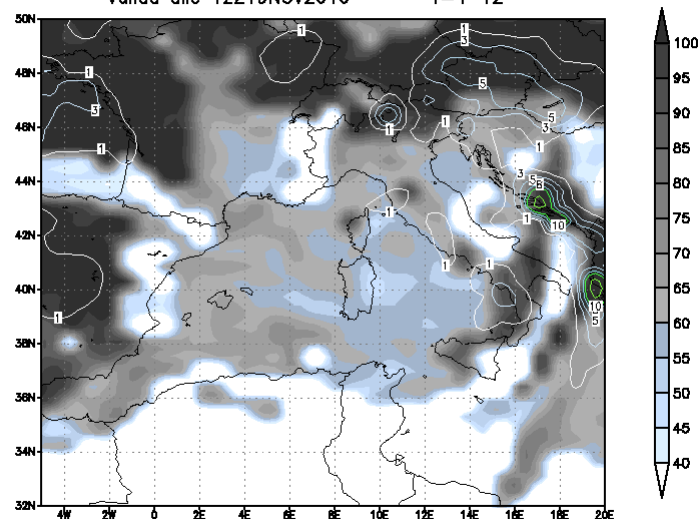
19/11/2010

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

Run del 00Z19NOV2010

Valida alle 12Z19NOV2010

T=+ 12



MetOffice per 3bmeteo.com

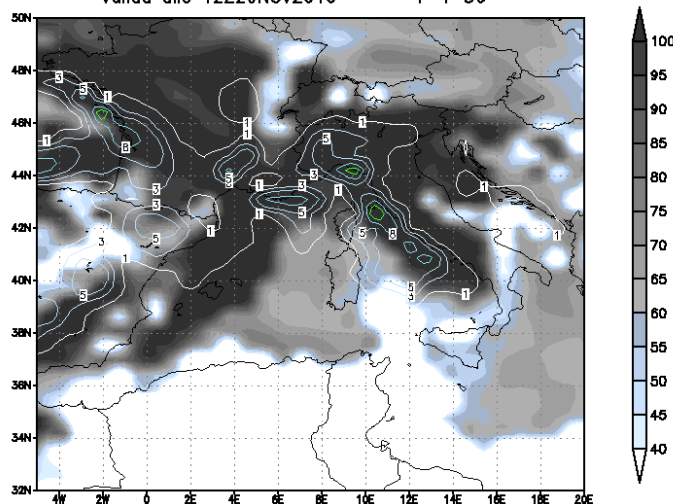
20/11/2010

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

Run del 00Z19NOV2010

Valida alle 12Z20NOV2010

T=+ 36



MetOffice per 3bmeteo.com

Copertura nuvolosa e precipitazione
a grande scala

Nuvolosità sulle regioni del Centro
Italia.

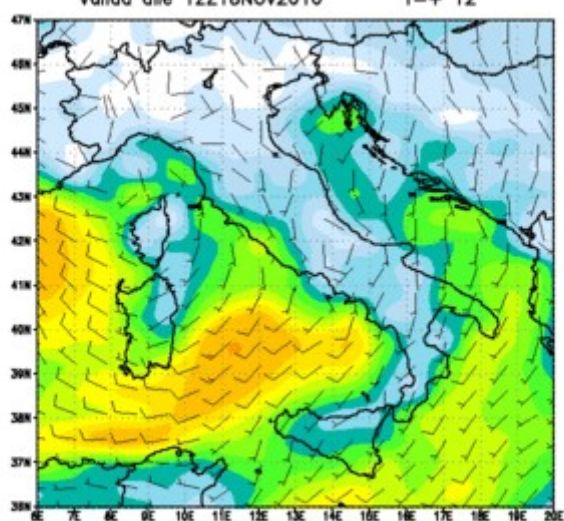
18/11/2010

Modello UKMO — Vento a 10 metri (m/s)

Run del 00Z18NOV2010

Valida alle 12Z18NOV2010

T=+ 12



MetOffice per 3bmeteo.com

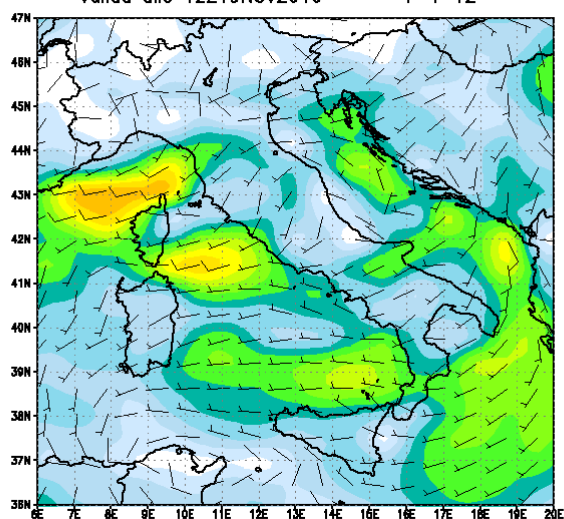
19/11/2010

Modello UKMO — Vento a 10 metri (m/s)

Run del 00Z19NOV2010

Valida alle 12Z19NOV2010

T=+ 12



MetOffice per 3bmeteo.com

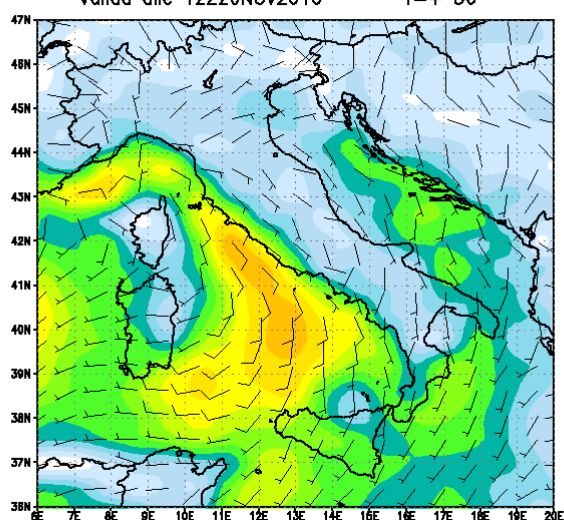
20/11/2010

Modello UKMO — Vento a 10 metri (m/s)

Run del 00Z19NOV2010

Valida alle 12Z20NOV2010

T=+ 36



MetOffice per 3bmeteo.com

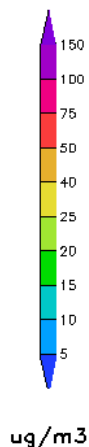
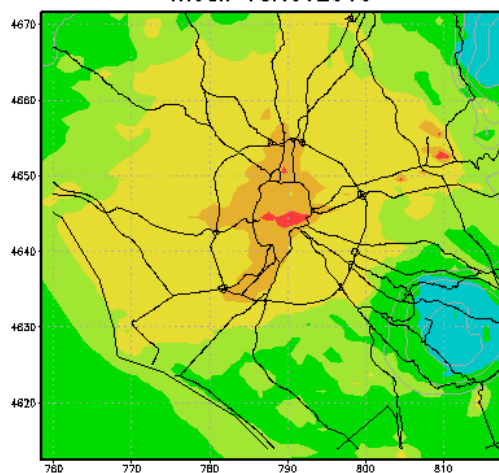
Campi di vento

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

PM10 media giornaliera prevista – Previsioni Arpalazio

18/11/2010

mean 18NOV2010

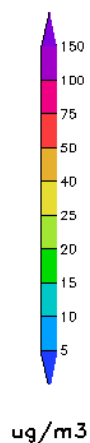
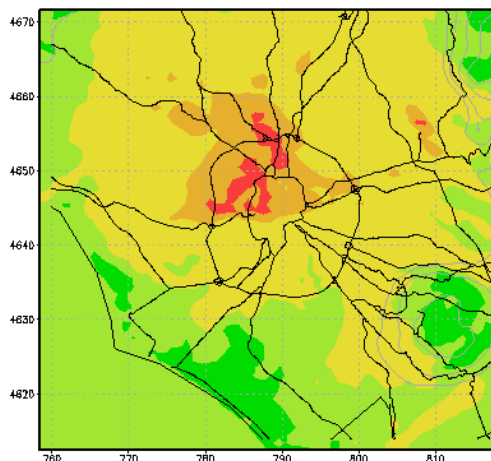


GIS: COLA/IGES

2010-11-18-10:19

19/11/2010

mean 19NOV2010

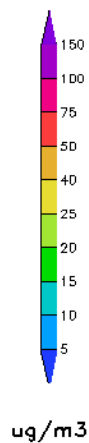
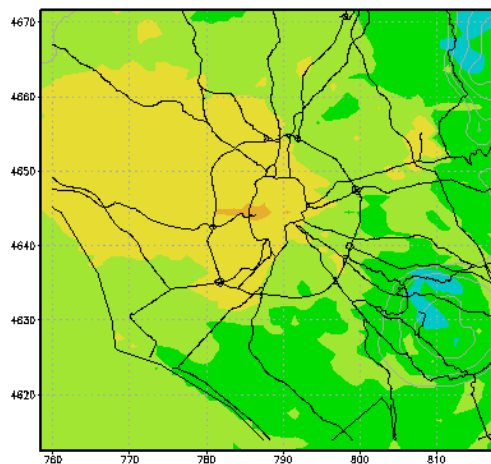


GIS: COLA/IGES

2010-11-18-10:40

20/11/2010

mean 20NOV2010



GIS: COLA/IGES

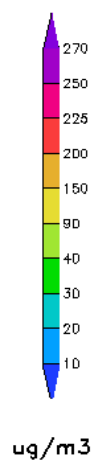
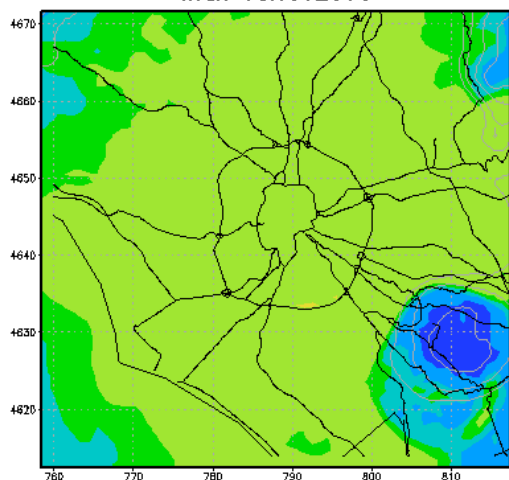
2010-11-18-10:59

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

NO2 – valore massimo previsto (ARPALAZIO)

18/11/2010

max 18NOV2010

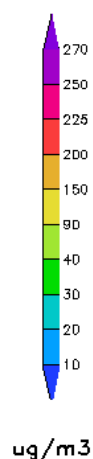
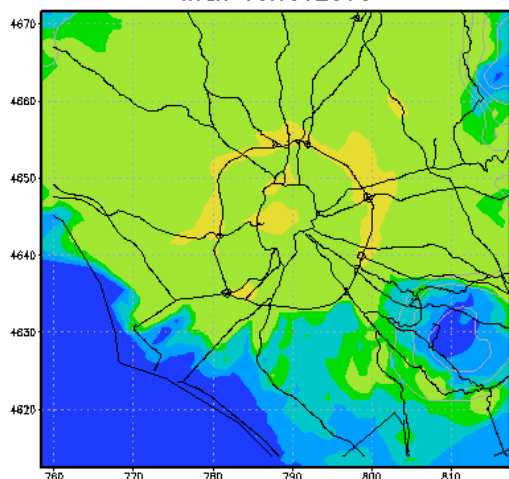


GRADS: COLLA/IGES

2010-11-18-10:19

19/11/2010

max 19NOV2010

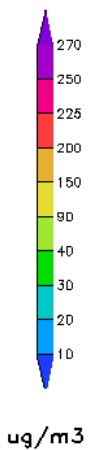
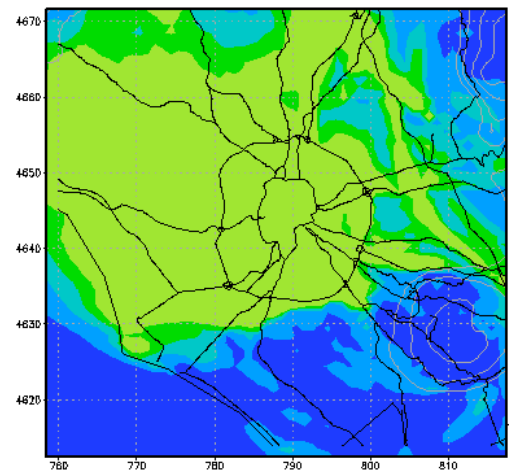


GRADS: COLLA/IGES

2010-11-18-10:40

20/11/2010

max 20NOV2010



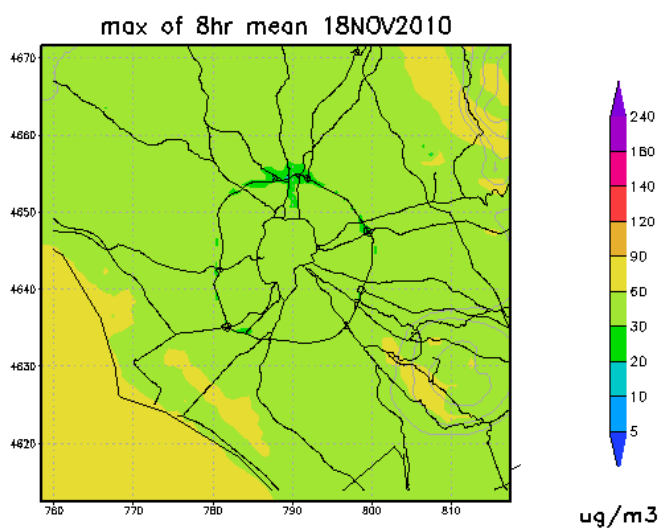
GRADS: COLLA/IGES

2010-11-18-10:59

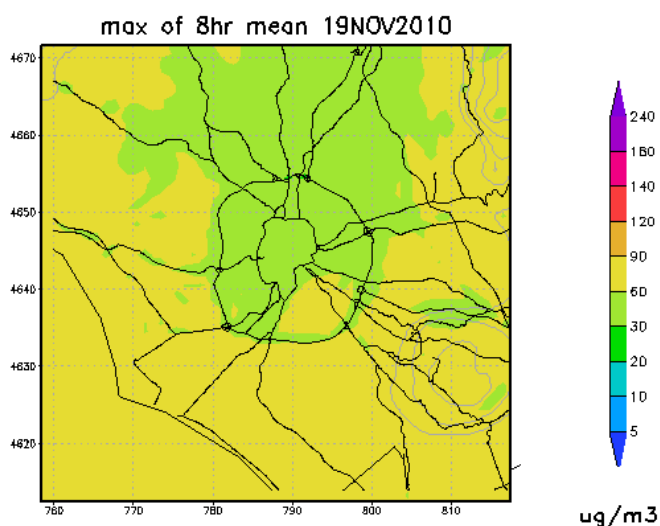
Il sistema previsionale mostra una riduzione della concentrazione massima giornaliera di NO2 nell'area metropolitana di Roma.

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

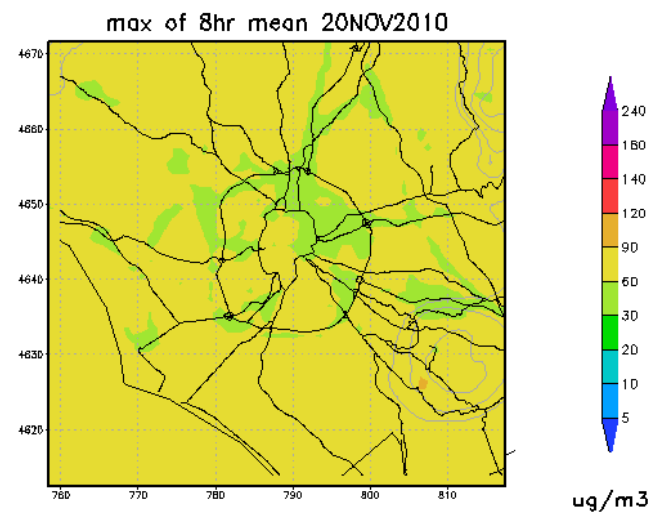
18/11/2010



19/11/2010



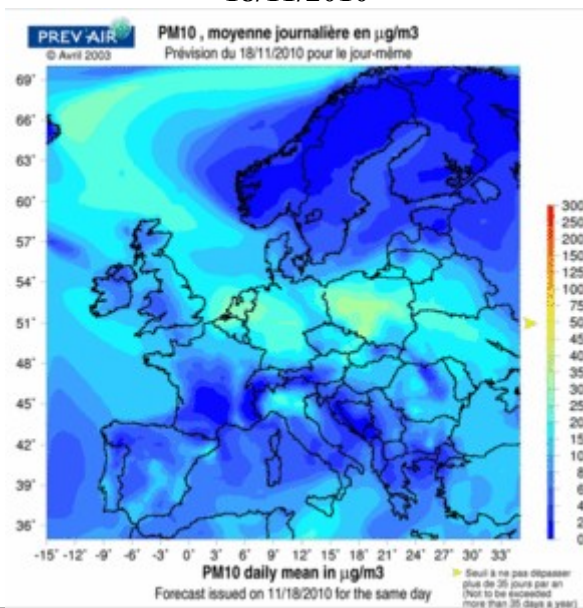
20/11/2010



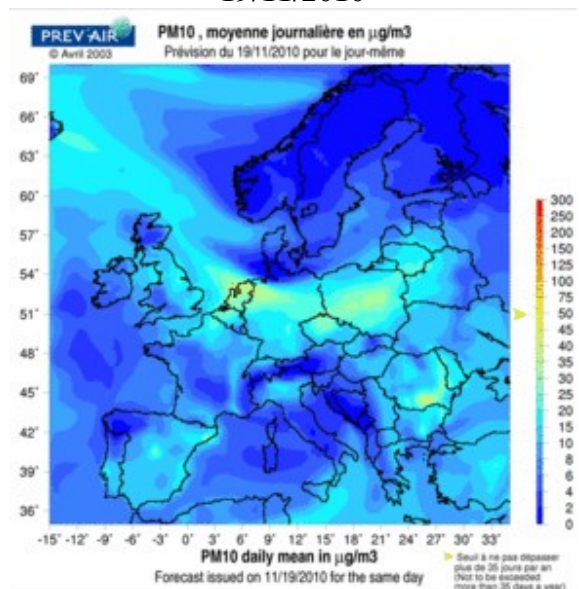
Il sistema previsionale mostra un aumento della concentrazione massima giornaliera mediata sulle 8 ore di O3 nell'area metropolitana di Roma.

PM10 – Valore medio previsto (CHIMERE)

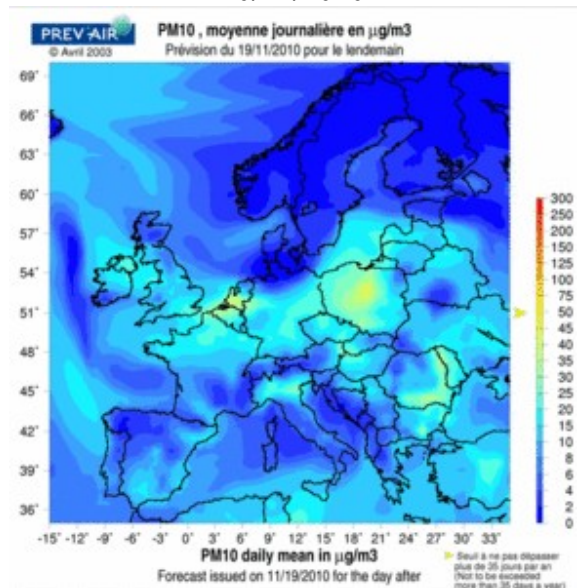
18/11/2010



19/11/2010



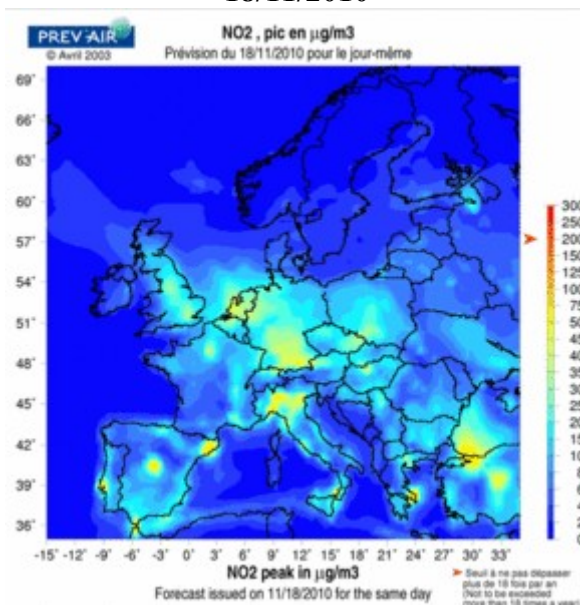
20/11/2010



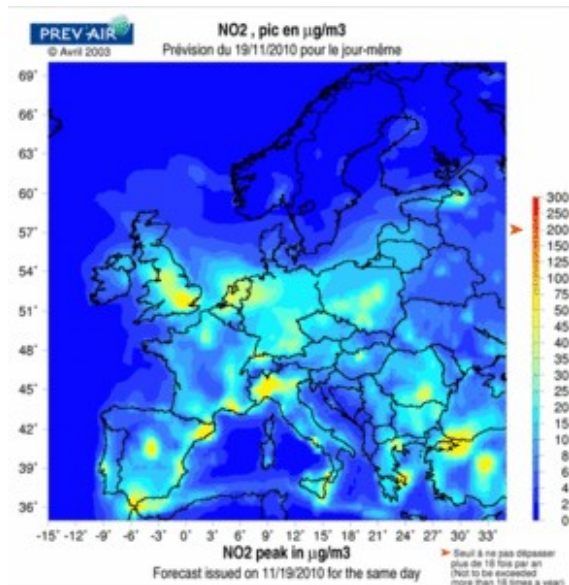
La ricostruzione modellistica effettuata con CHIMERE (ad opera di prev'air, Ministero della Repubblica Francese) mostra un lieve aumento della concentrazione media di PM10.

NO₂ – Valore massimo previsto (CHIMERE)

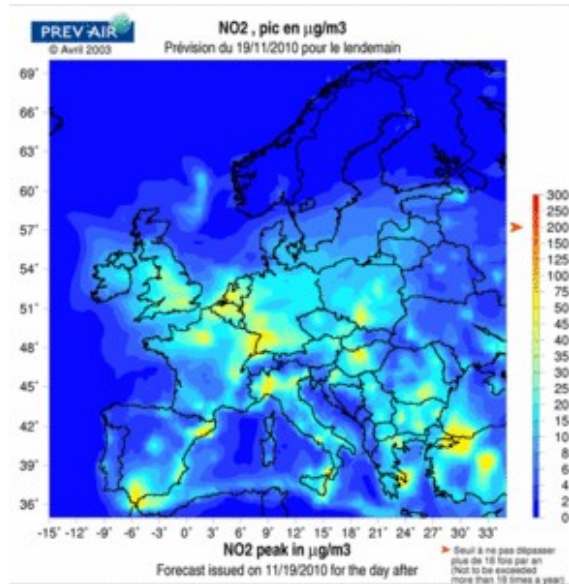
18/11/2010



19/11/2010



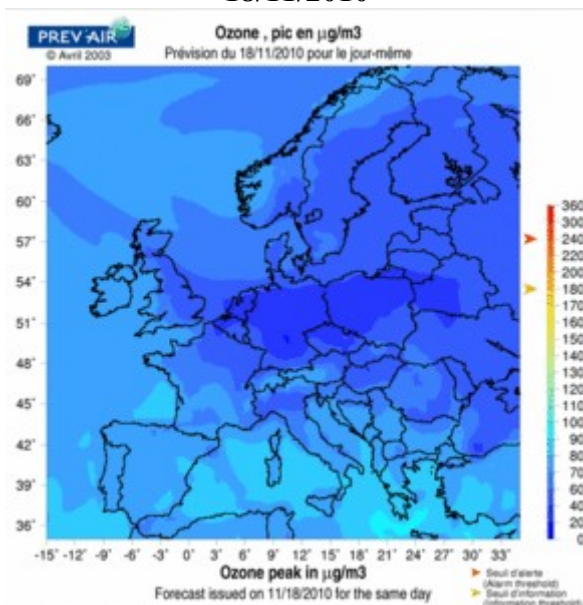
20/11/2010



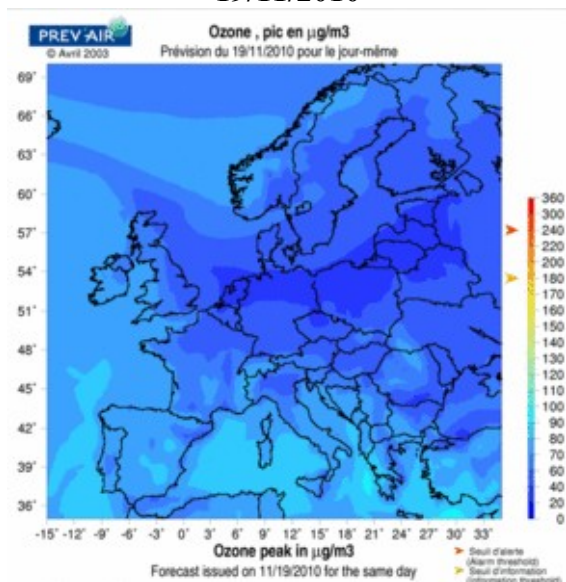
La ricostruzione modellistica effettuata con CHIMERE (ad opera di prev'air, Ministero della Repubblica Francese)) non mostra importanti variazioni della concentrazione massima di NO₂

O3 – Valore massimo previsto (CHIMERE)

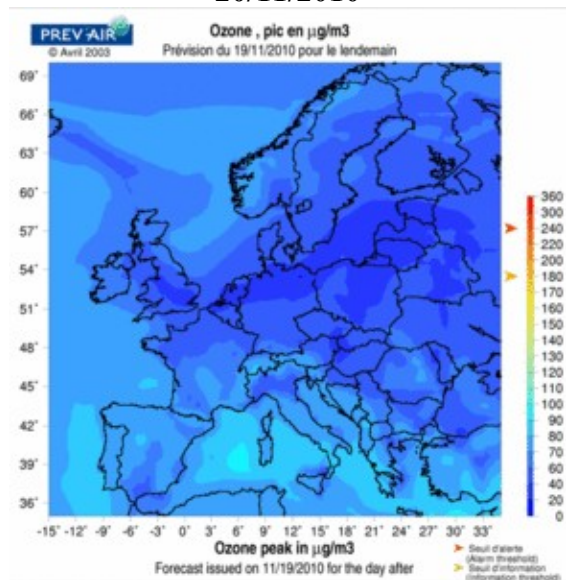
18/11/2010



19/11/2010



20/11/2010

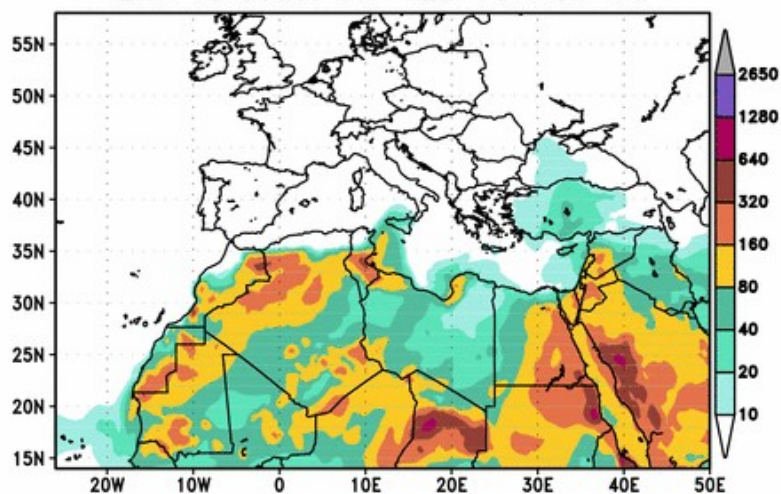


La ricostruzione modellistica effettuata con CHIMERE (ad opera di prev'air, Ministero della Repubblica Francese) non mostra importanti variazioni della concentrazione massima di O3.

PM10 Previsioni di trasporto a lunga distanza – Modello DREAM

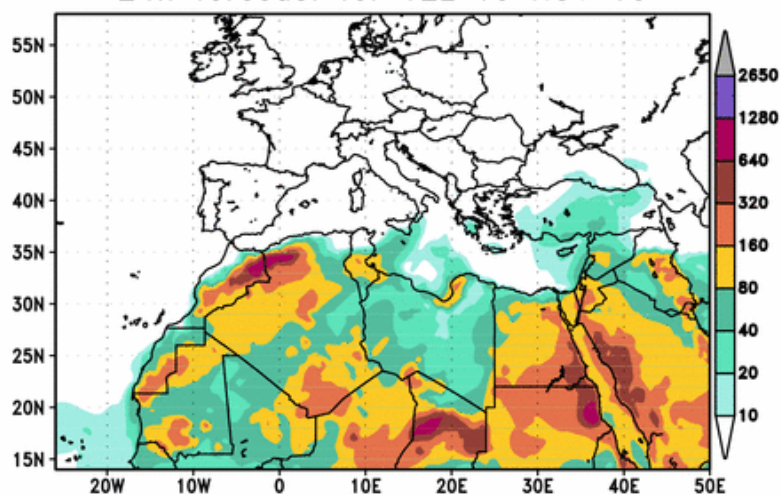
18/11/2010

BSC-DREAM8b Lowest Model Level Dust Conc. ($\mu\text{g}/\text{m}^3$)
24h forecast for 12z 18 NOV 10



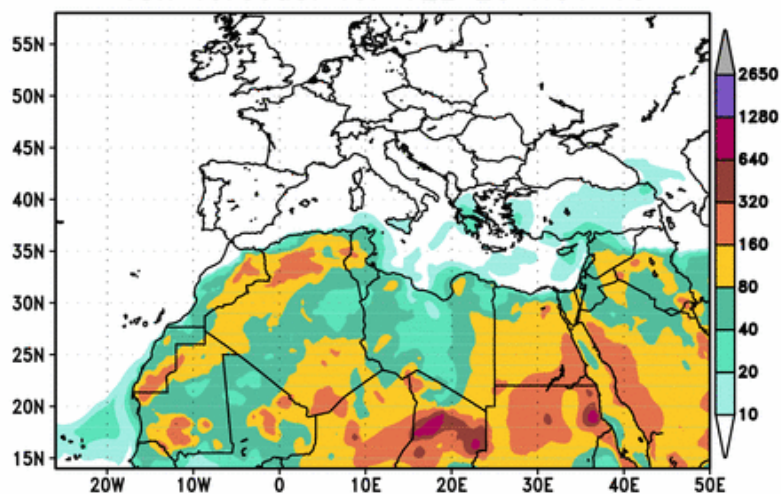
19/11/2010

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



20/11/2010

BSC-DREAM8b Lowest Model Level Dust Conc. ($\mu\text{g}/\text{m}^3$)
48h forecast for 12z 20 NOV 10



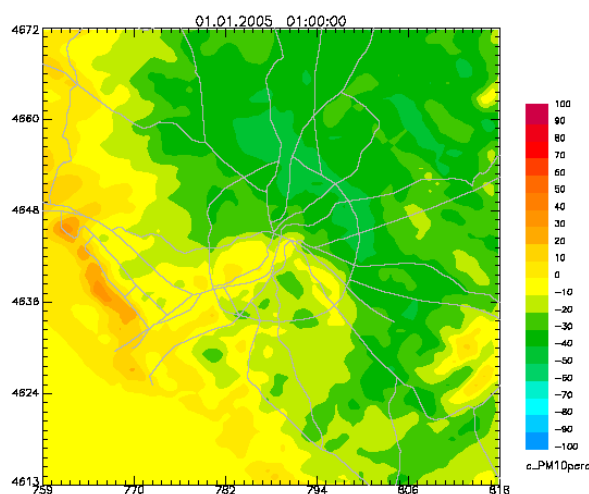
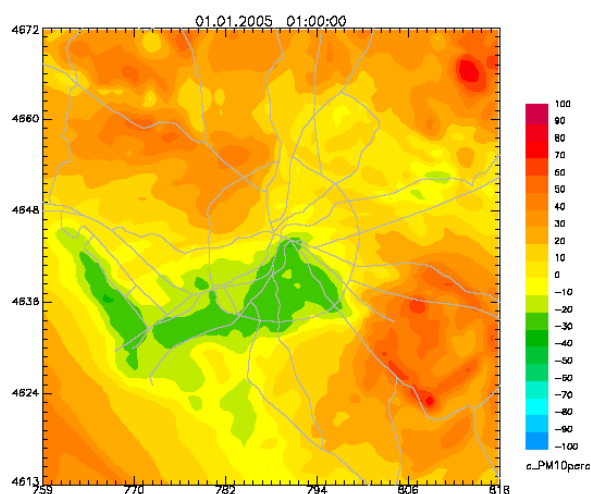
Non è prevista influenza di eventi di trasporto da lunga distanza di PM10 provenienti dalle regioni nord-africane.

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

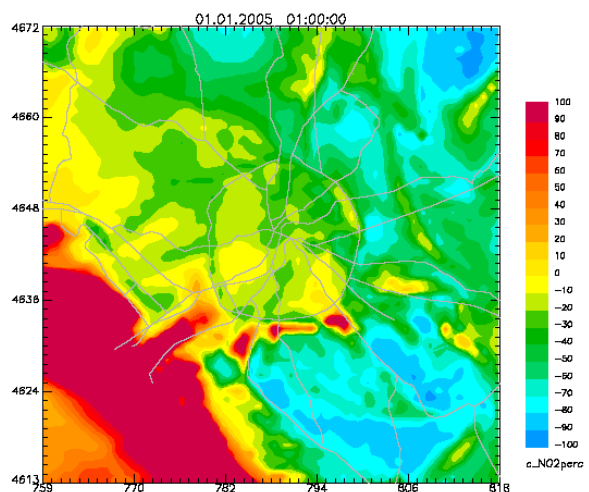
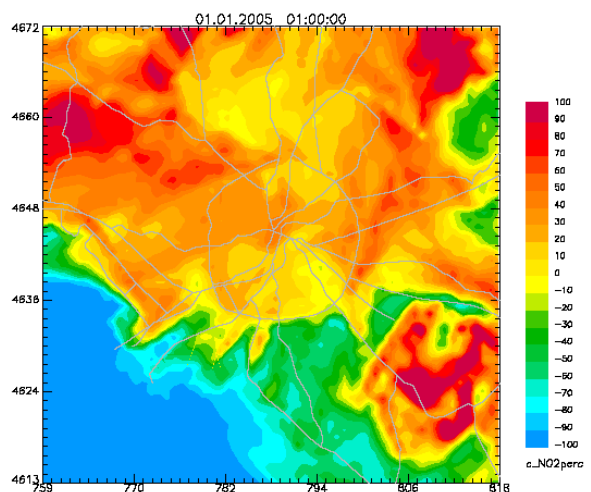
19 Novembre – 18 Novembre (oggi – ieri)

20 Novembre – 19 Novembre (domani – oggi)

PM10 - media giornaliera



NO2 – valore massimo



O3 – valore massimo

