



Bollettino Quotidiano
13 Gennaio 2011

Centro Regionale della Qualità dell'Aria

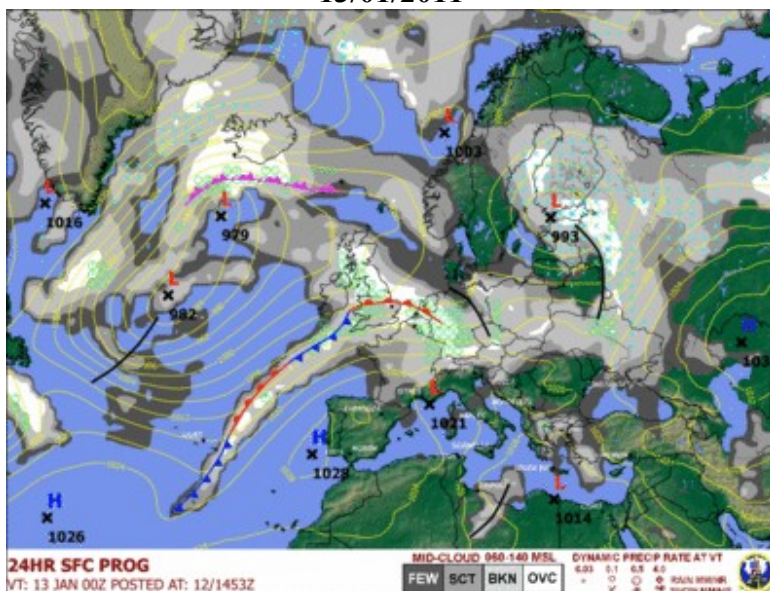
e-mail : craria@arpalazio.it

CENTRO REGIONALE DELLA QUALITA' DELL'ARIA (12, 13 e 14 Gennaio 2011)

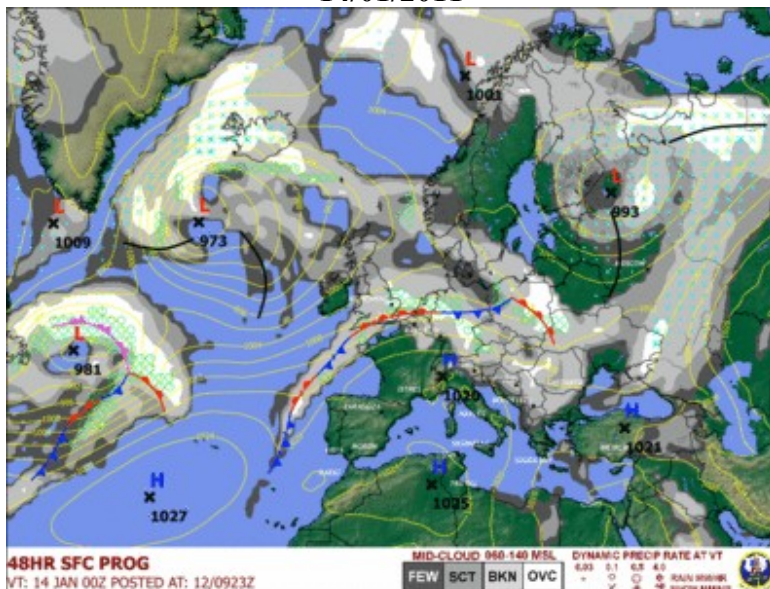
12/01/2011



13/01/2011



14/01/2011



Situazione meteorologica a grande scala

Nebbie o nubi basse diffuse su Val Padana, Marche e interne tirreniche. Soleggiato altrove.

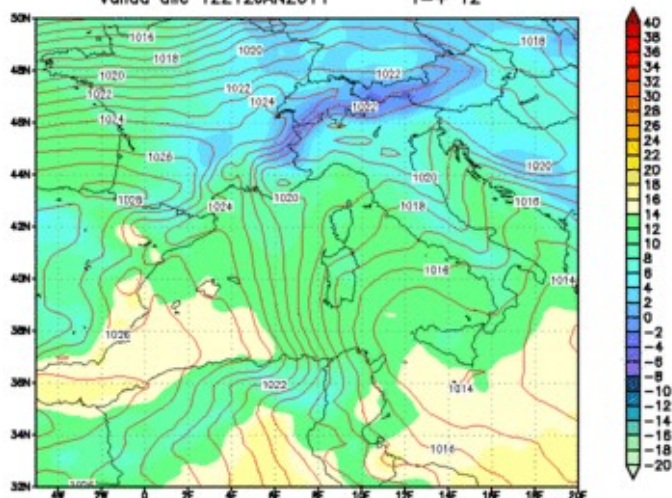
12/01/2011

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

Run del 00Z12JAN2011

Valida alle 12Z12JAN2011

T=+ 12



MetOffice per 3bmeteo.com

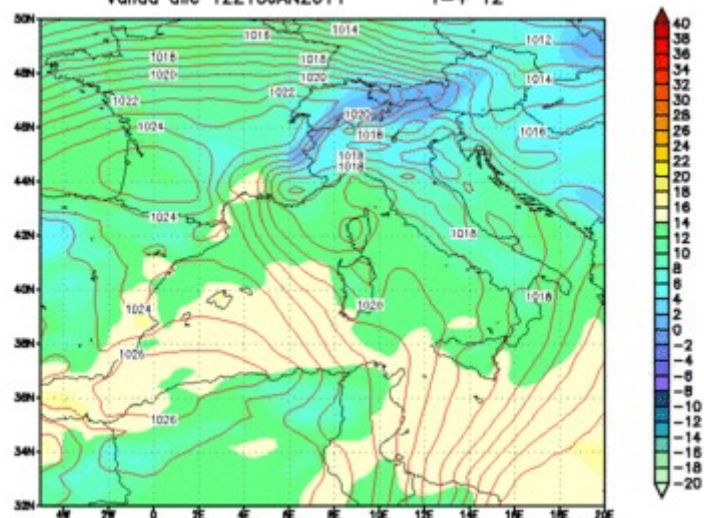
13/01/2011

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

Run del 00Z13JAN2011

Valida alle 12Z13JAN2011

T=+ 12



MetOffice per 3bmeteo.com

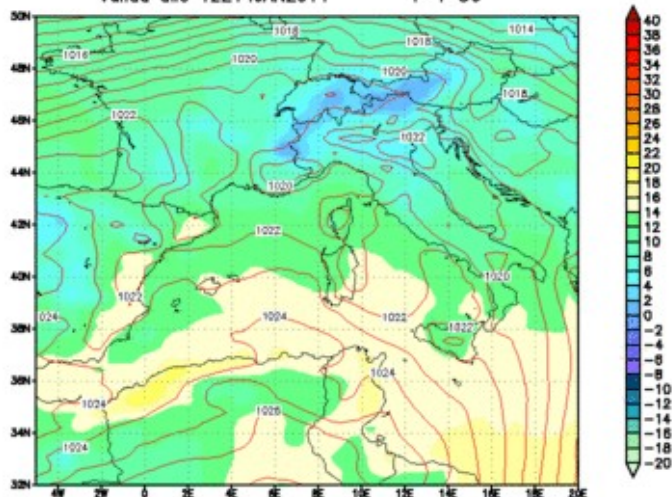
14/01/2011

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

Run del 00Z13JAN2011

Valida alle 12Z14JAN2011

T=+ 36



MetOffice per 3bmeteo.com

Campi di pressione e temperatura al suolo a grande scala

E' previsto un lieve aumento delle temperature.

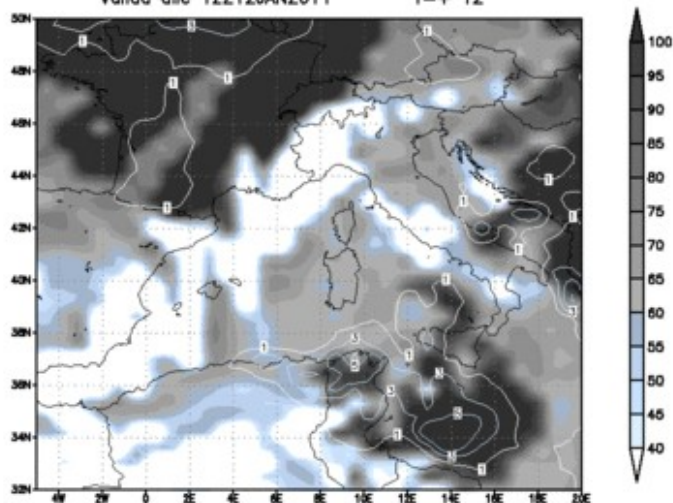
12/01/2011

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

Run del 00Z12JAN2011

Valida alle 12Z12JAN2011

T=+ 12



MetOffice per 3bmeteo.com

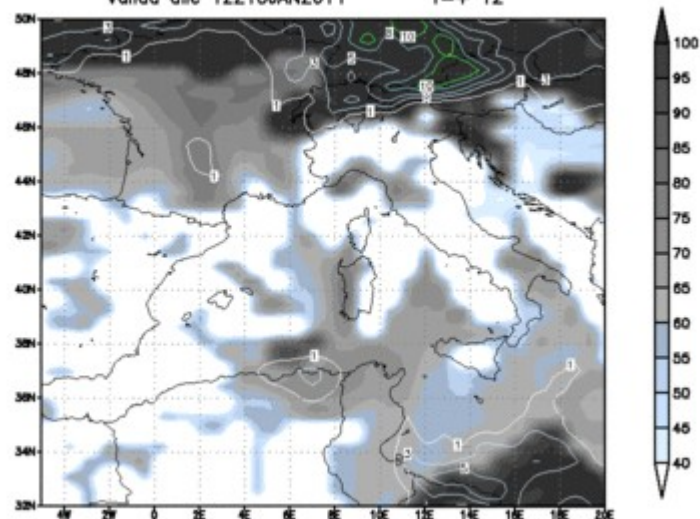
13/01/2011

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

Run del 00Z13JAN2011

Valida alle 12Z13JAN2011

T=+ 12



MetOffice per 3bmeteo.com

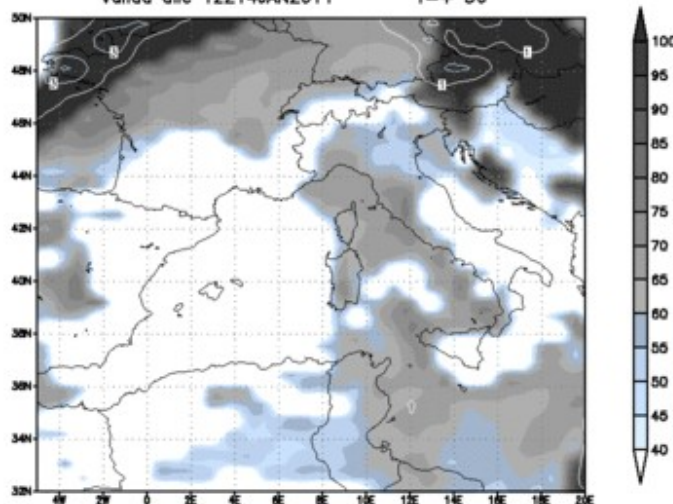
14/01/2011

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

Run del 00Z13JAN2011

Valida alle 12Z14JAN2011

T=+ 36



MetOffice per 3bmeteo.com

Copertura nuvolosa e precipitazione a grande scala

E' presente sempre una forte variabilità nelle regioni del centro - Italia.

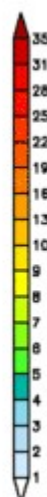
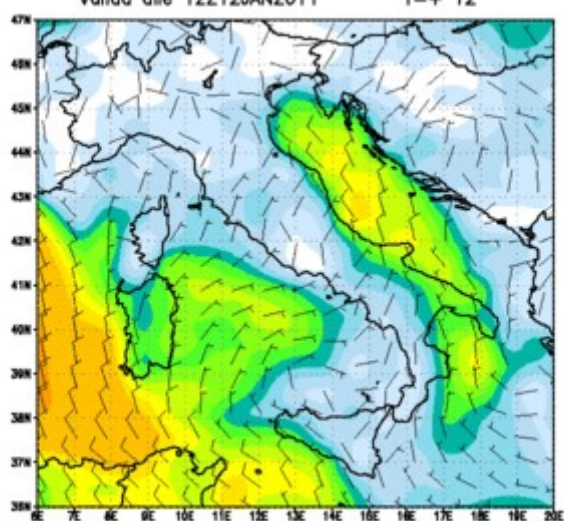
12/01/2011

Modello UKMO – Vento a 10 metri (m/s)

Run del 00Z12JAN2011

Valida alle 12Z12JAN2011

T=+ 12



MetOffice per 3bmeteo.com

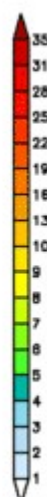
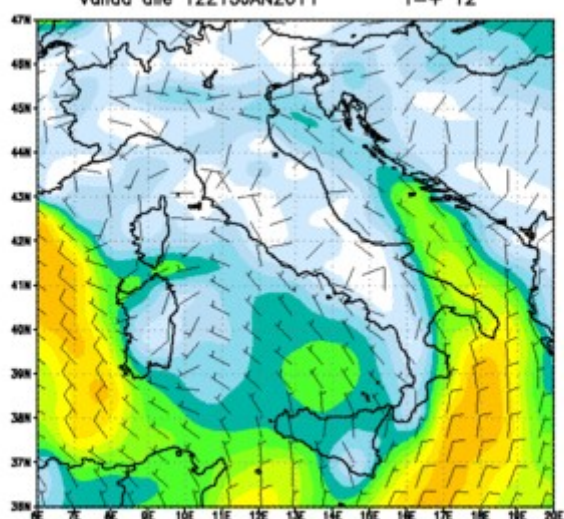
13/01/2011

Modello UKMO – Vento a 10 metri (m/s)

Run del 00Z13JAN2011

Valida alle 12Z13JAN2011

T=+ 12



MetOffice per 3bmeteo.com

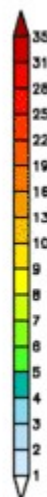
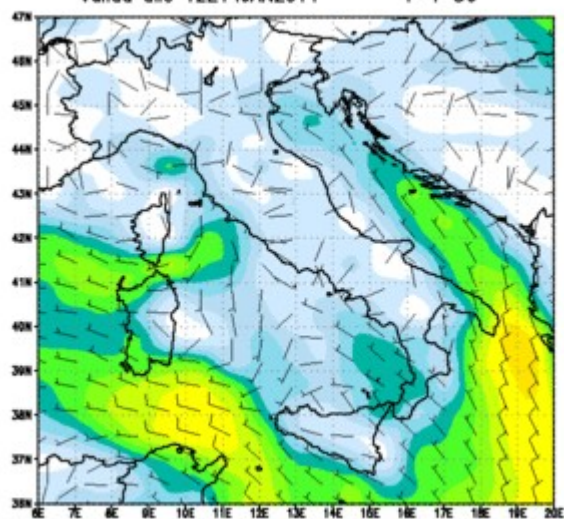
14/01/2011

Modello UKMO – Vento a 10 metri (m/s)

Run del 00Z13JAN2011

Valida alle 12Z14JAN2011

T=+ 36



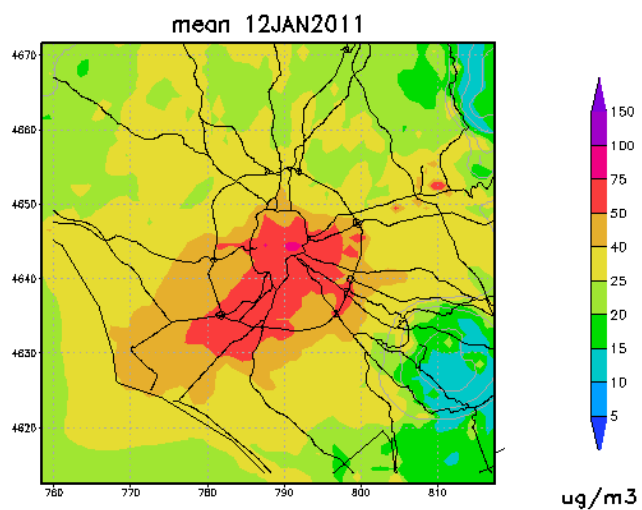
MetOffice per 3bmeteo.com

Campi di vento

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

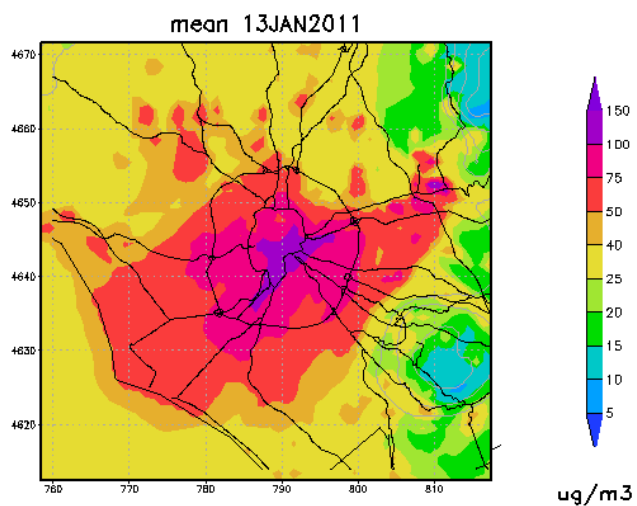
PM10 media giornaliera prevista – Previsioni Arpalazio

12/01/2011



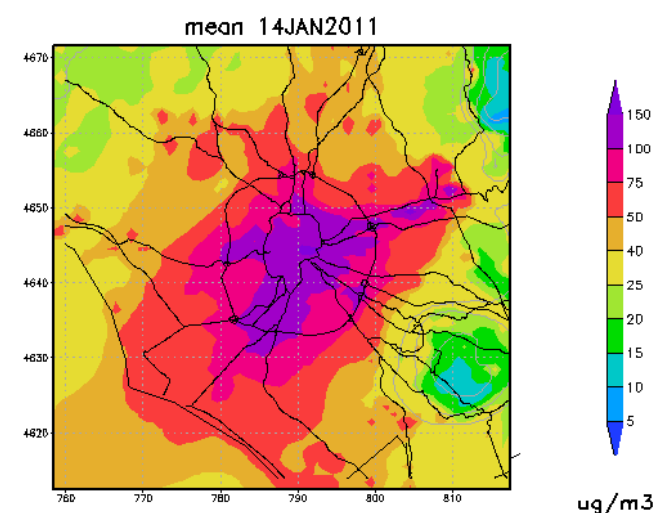
2011-01-11-10:47

13/01/2011



2011-01-13-10:47

14/01/2011



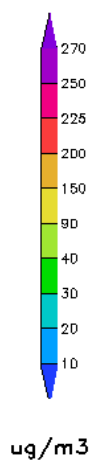
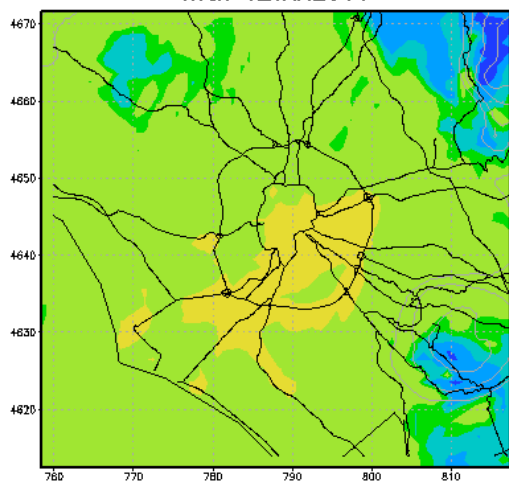
2011-01-13-11:05

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

NO2 – valore massimo previsto (ARPALAZIO)

12/01/2011

max 12JAN2011



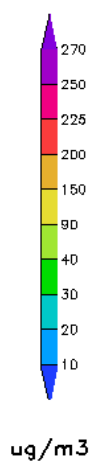
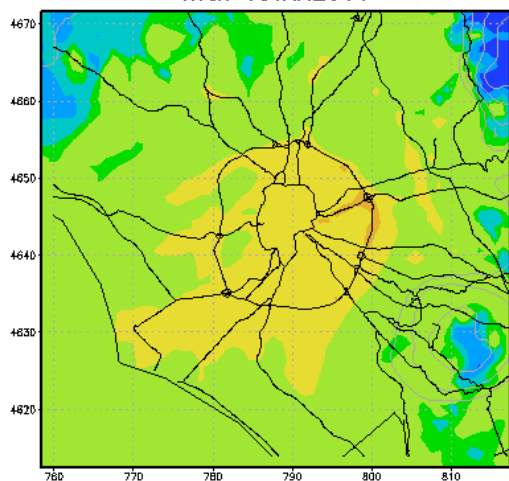
ug/m3

GIS: COLLA/IGES

2011-01-11-10:47

13/01/2011

max 13JAN2011



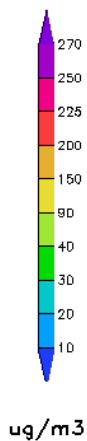
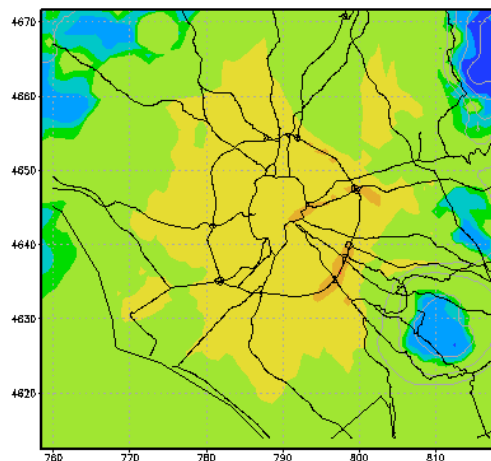
ug/m3

GIS: COLLA/IGES

2011-01-13-10:47

14/01/2011

max 14JAN2011



ug/m3

GIS: COLLA/IGES

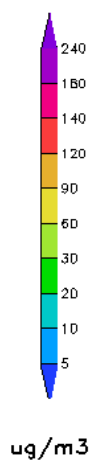
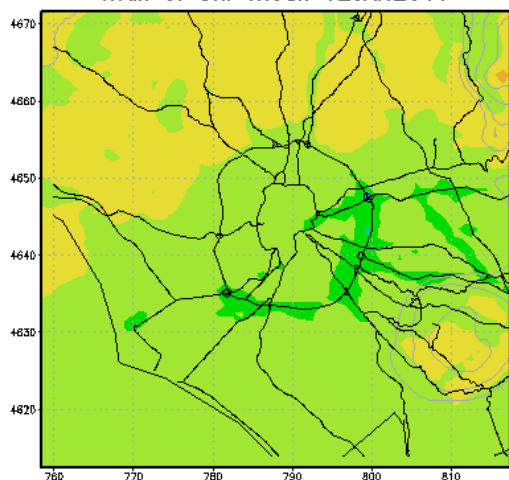
2011-01-13-11:05

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)

12/01/2011

max of 8hr mean 12JAN2011

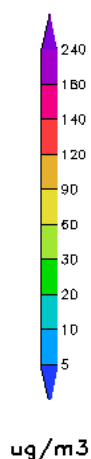
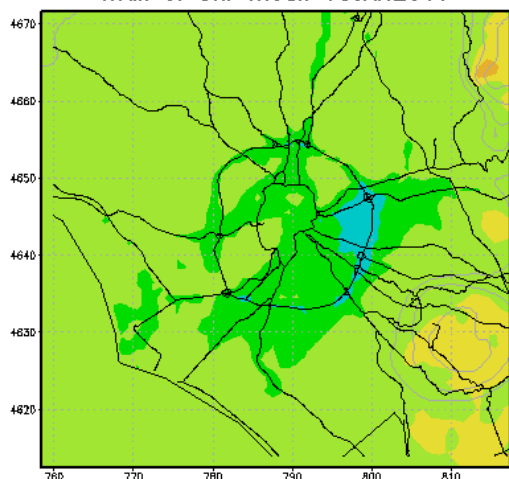


GRADS: COLLA/IGES

2011-01-11-10:46

13/01/2011

max of 8hr mean 13JAN2011

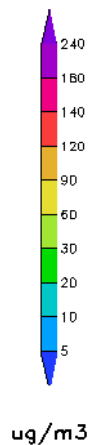
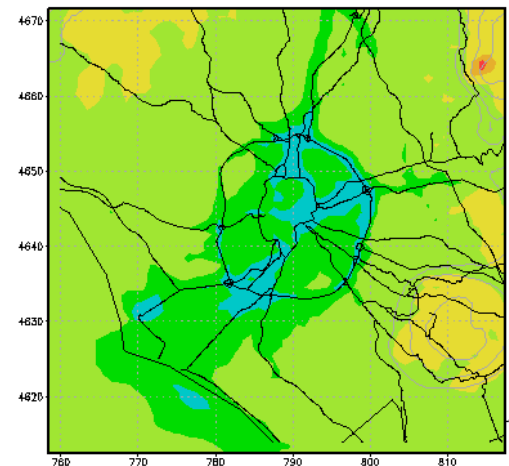


GRADS: COLLA/IGES

2011-01-13-10:46

14/01/2011

max of 8hr mean 14JAN2011



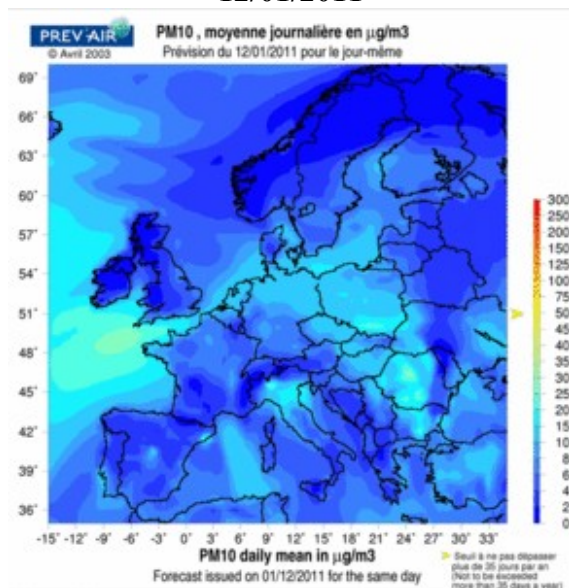
GRADS: COLLA/IGES

2011-01-13-11:05

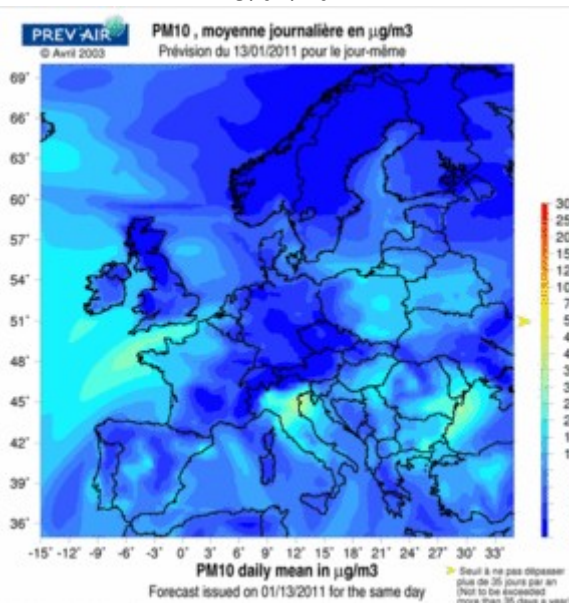
Il sistema previsionale mostra una riduzione della concentrazione massima giornaliera mediata sulle 8 ore di O3 nell'area metropolitana di Roma.

PM10 – Valore medio previsto (CHIMERE)

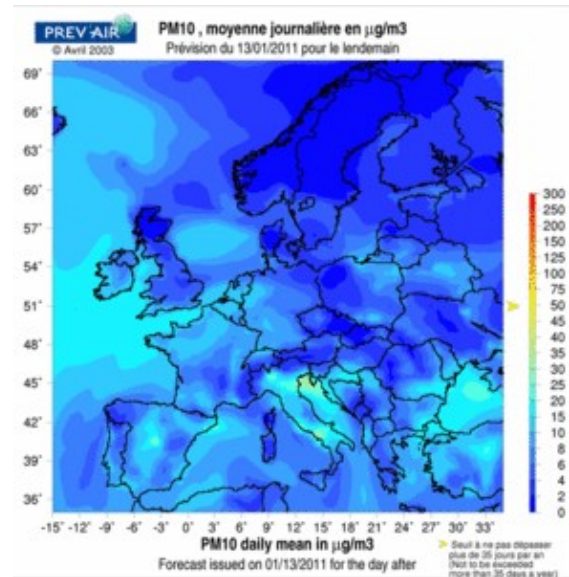
12/01/2011



13/01/2011



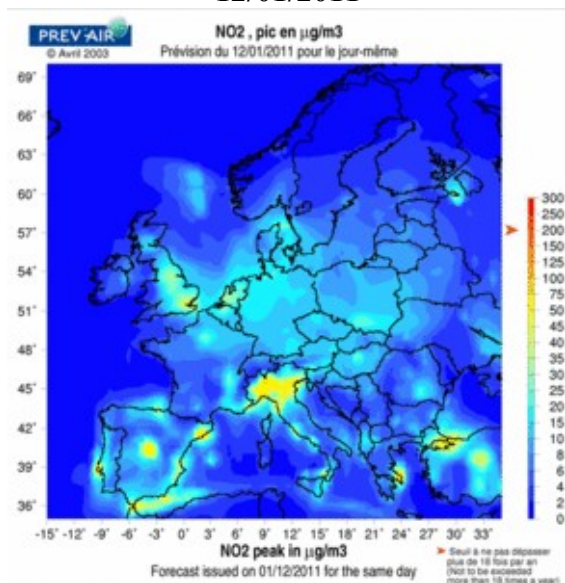
14/01/2011



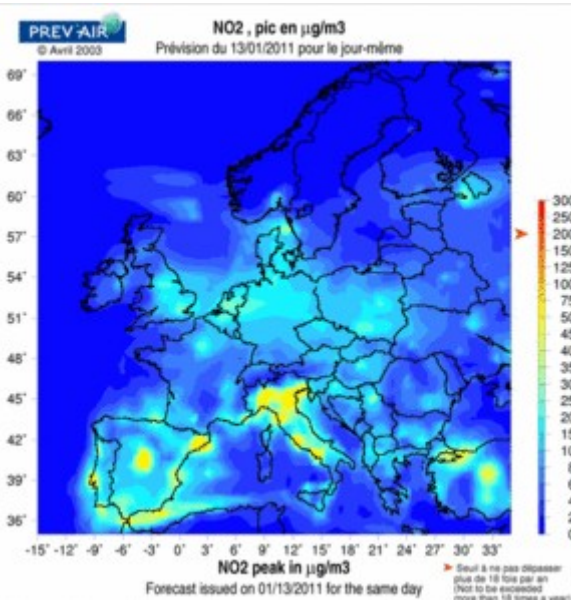
La ricostruzione modellistica effettuata con CHIMERE (ad opera di prev'air, Ministero della Repubblica Francese) mostra un aumento della concentrazione media di PM10.

NO₂ – Valore massimo previsto (CHIMERE)

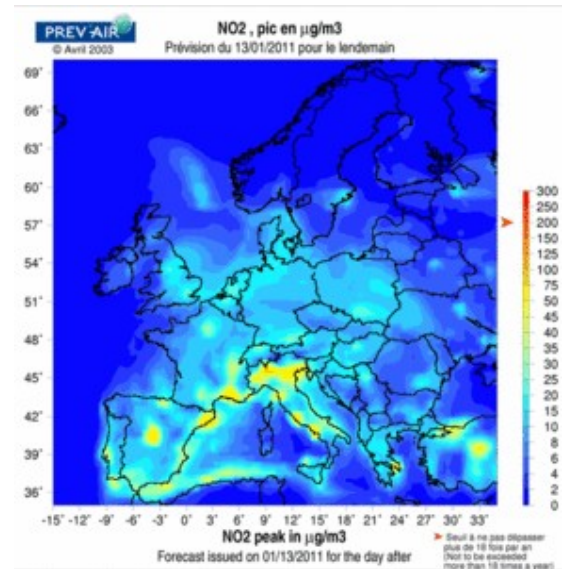
12/01/2011



13/01/2011



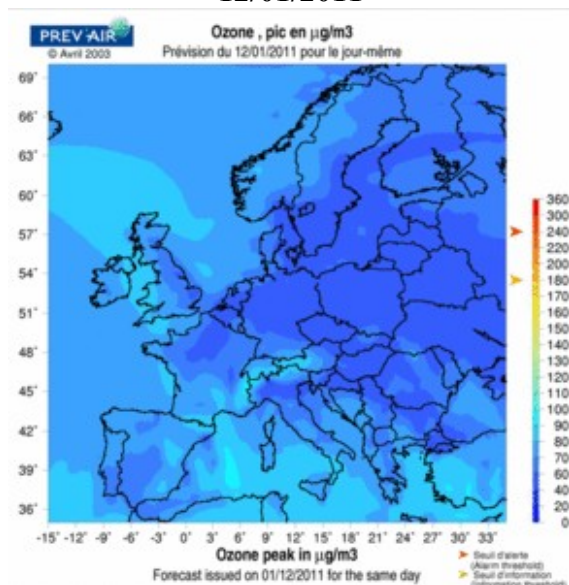
14/01/2011



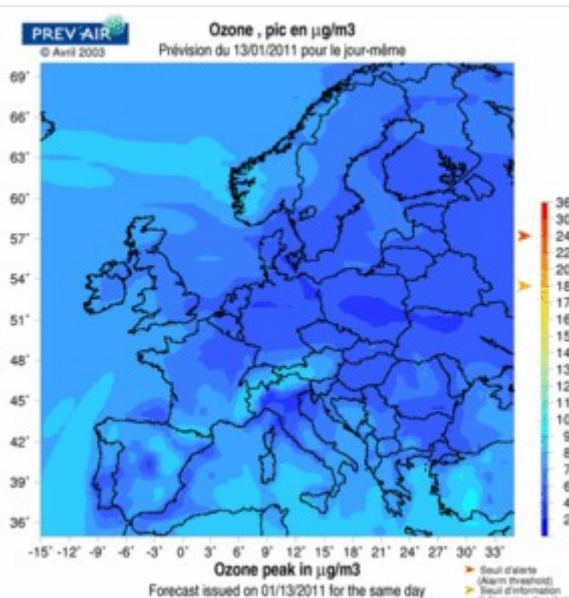
La ricostruzione modellistica effettuata con CHIMERE (ad opera di prev'air, Ministero della Repubblica Francese)) non mostra importanti variazioni della concentrazione massima di NO₂.

O3 – Valore massimo previsto (CHIMERE)

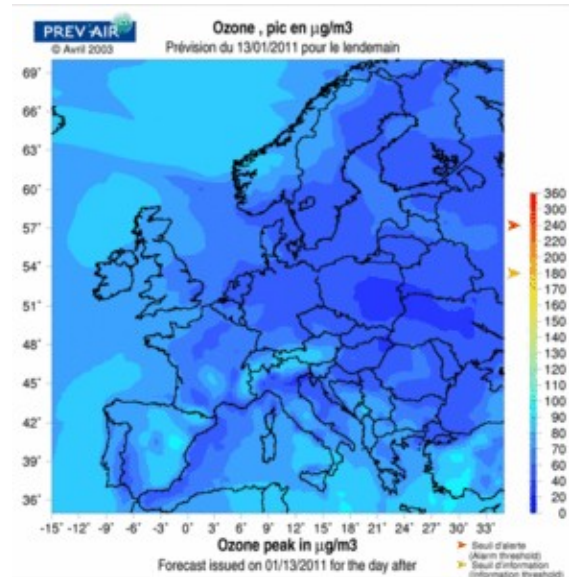
12/01/2011



13/01/2011



14/01/2011

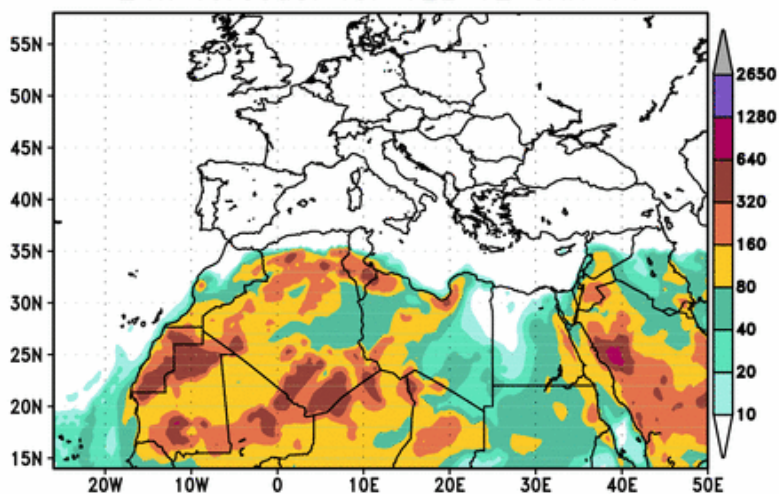


La ricostruzione modellistica effettuata con CHIMERE (ad opera di prev'air, Ministero della Repubblica Francese) mostra un lieve aumento della concentrazione massima di O3.

PM10 Previsioni di trasporto a lunga distanza – Modello DREAM

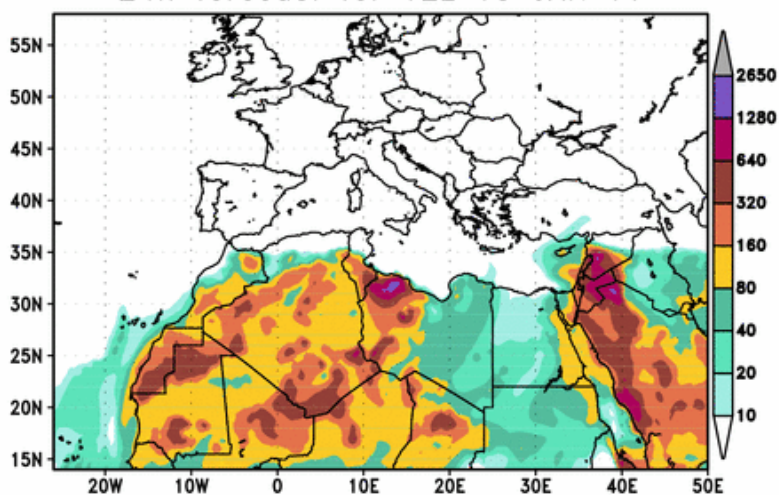
12/01/2011

BSC-DREAM8b Lowest Model Level Dust Conc. ($\mu\text{g}/\text{m}^3$)
24h forecast for 12z 12 JAN 11



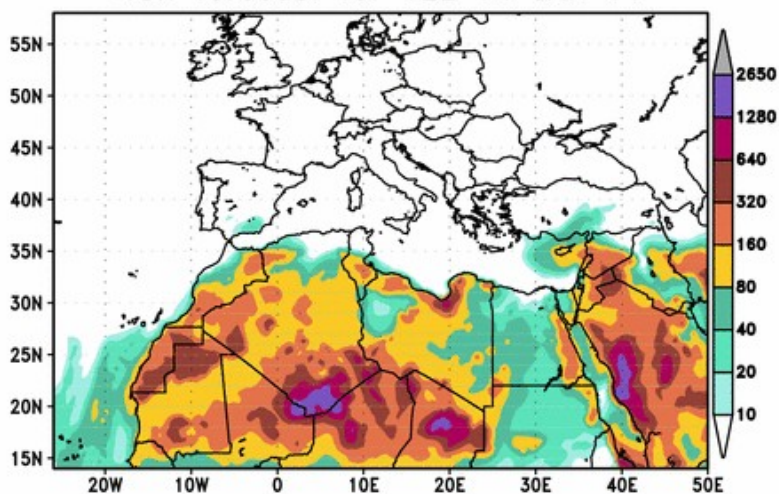
13/01/2011

BSC-DREAM8b Lowest Model Level Dust Conc. ($\mu\text{g}/\text{m}^3$)
24h forecast for 12z 13 JAN 11



14/01/2011

BSC-DREAM8b Lowest Model Level Dust Conc. ($\mu\text{g}/\text{m}^3$)
48h forecast for 12z 14 JAN 11



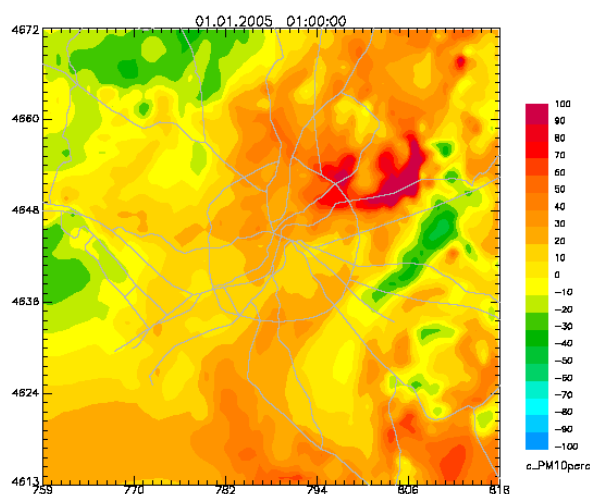
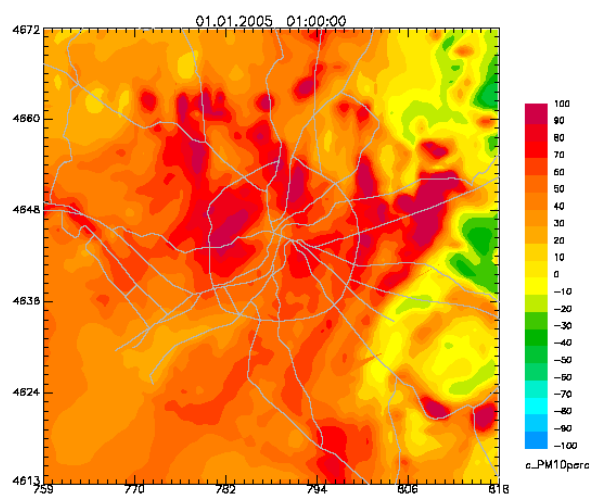
Non è prevista influenza di eventi di trasporto da lunga distanza di PM10 provenienti dalle regioni nord-africane.

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

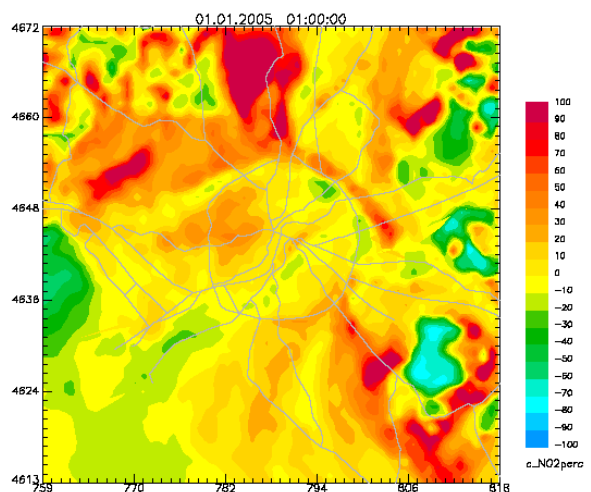
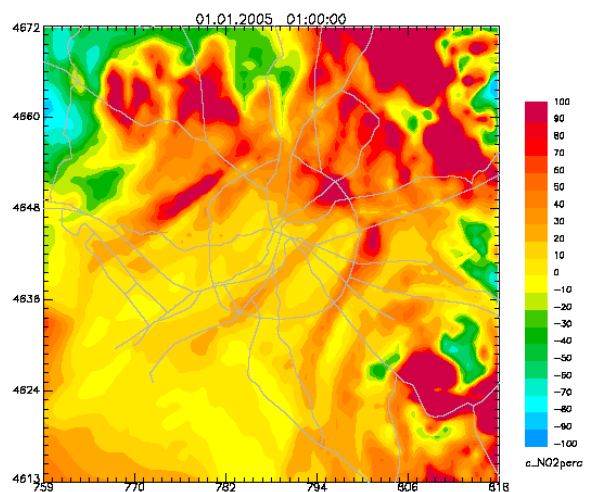
13 Gennaio – 12 Gennaio (oggi – ieri)

14 Gennaio – 13 Gennaio (domani – oggi)

PM10 – media giornaliera



NO2 – valore massimo



O3 – valore massimo

