



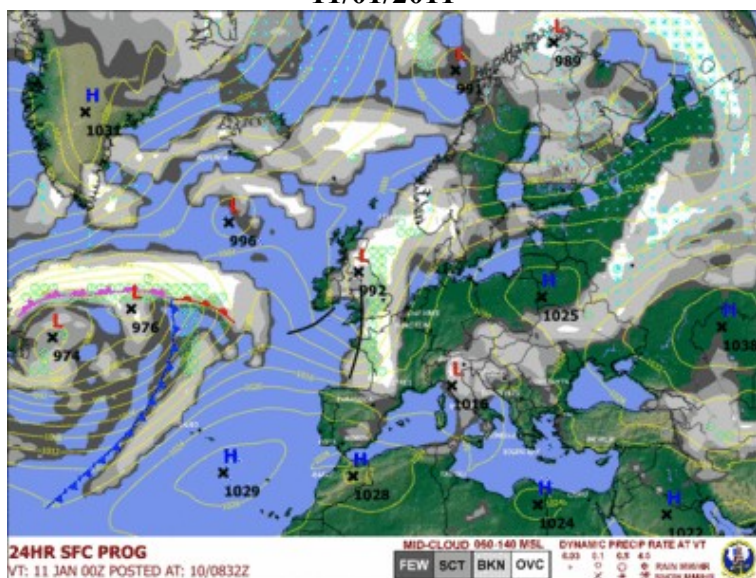
Bollettino Quotidiano
12 Gennaio 2011

Centro Regionale della Qualità dell'Aria

e-mail : craria@arpalazio.it

CENTRO REGIONALE DELLA QUALITA' DELL'ARIA (11, 12 e 13 Gennaio 2011)

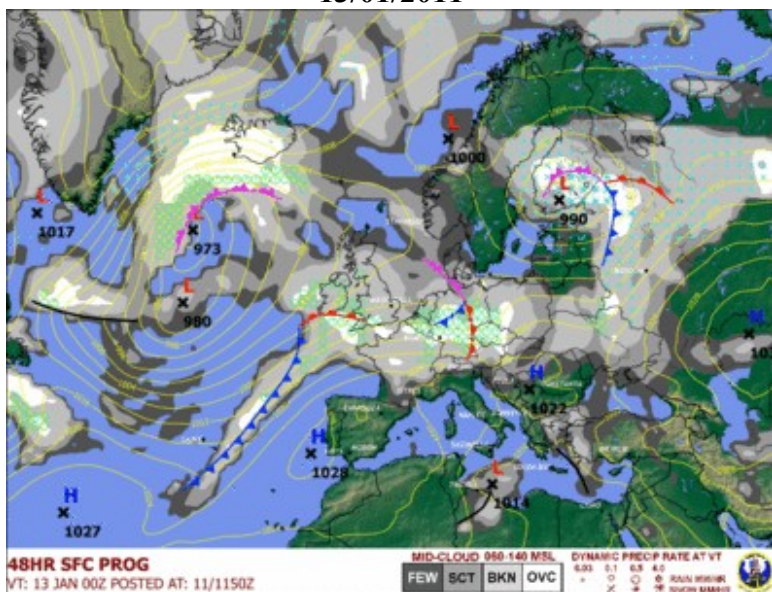
11/01/2011



12/01/2011



13/01/2011



Situazione meteorologica a grande scala

Banchi di nebbia diffusi in pianura al Nord. Residue piogge su basso Adriatico ed ovest Sicilia.

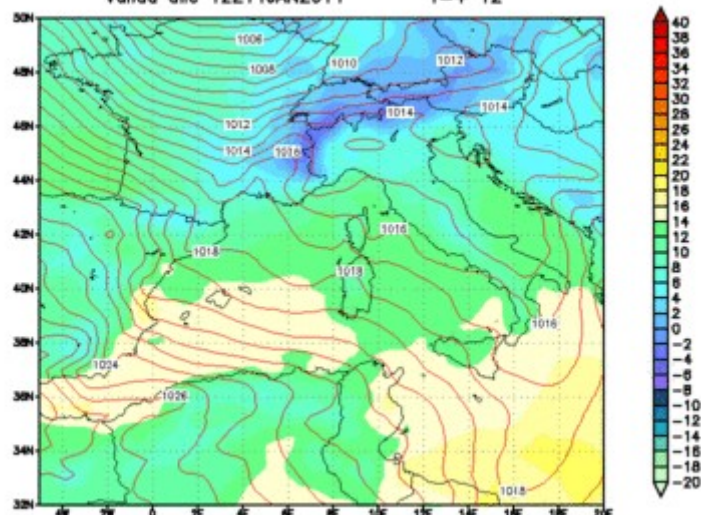
11/01/2011

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

Run del 00Z11JAN2011

Valida alle 12Z11JAN2011

T=+ 12



MetOffice per 3bmeteo.com

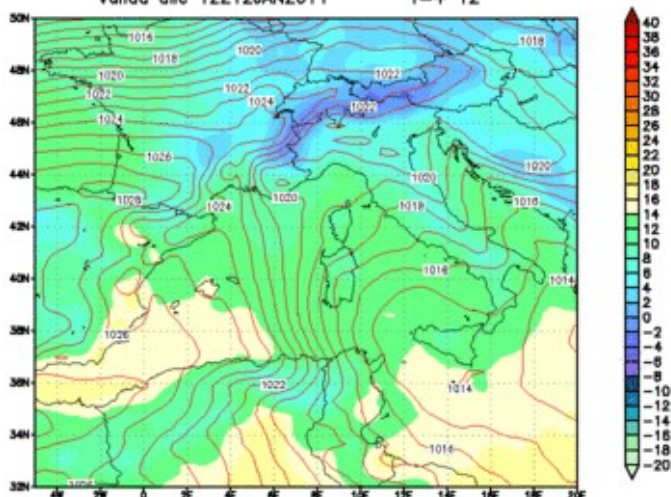
12/01/2011

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

Run del 00Z12JAN2011

Valida alle 12Z12JAN2011

T=+ 12



MetOffice per 3bmeteo.com

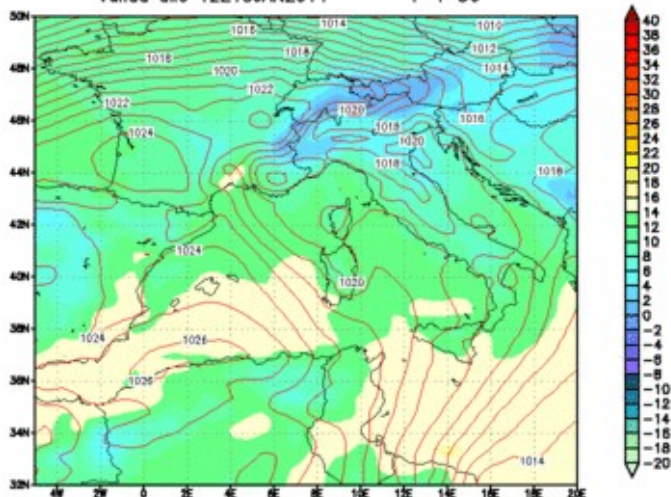
13/01/2011

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

Run del 00Z13JAN2011

Valida alle 12Z13JAN2011

T=+ 36



MetOffice per 3bmeteo.com

Campi di pressione e temperatura al suolo a grande scala

Non sono previste importanti variazioni delle temperature.

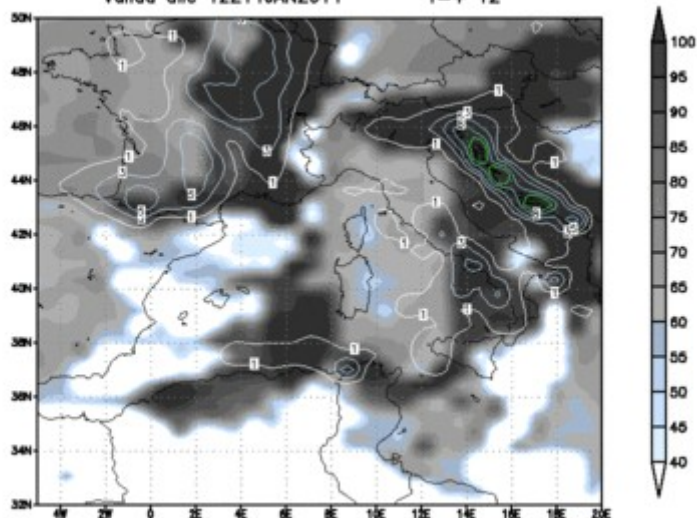
11/01/2011

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

Run del 00Z11JAN2011

Valida alle 12Z11JAN2011

T=+ 12



MetOffice per 3bmeteo.com

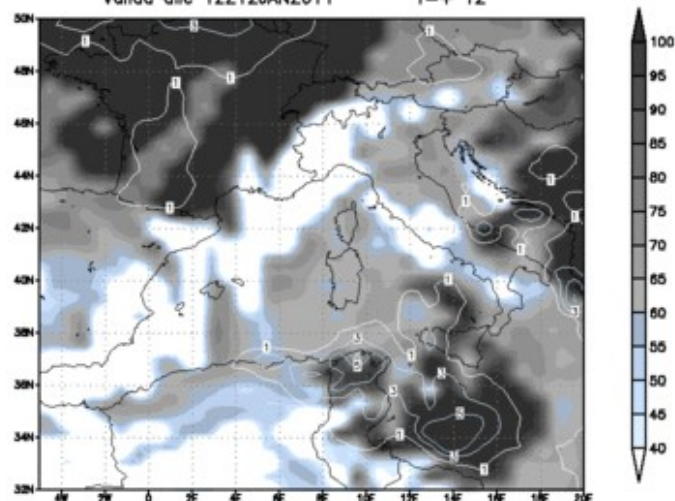
12/01/2011

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

Run del 00Z12JAN2011

Valida alle 12Z12JAN2011

T=+ 12



MetOffice per 3bmeteo.com

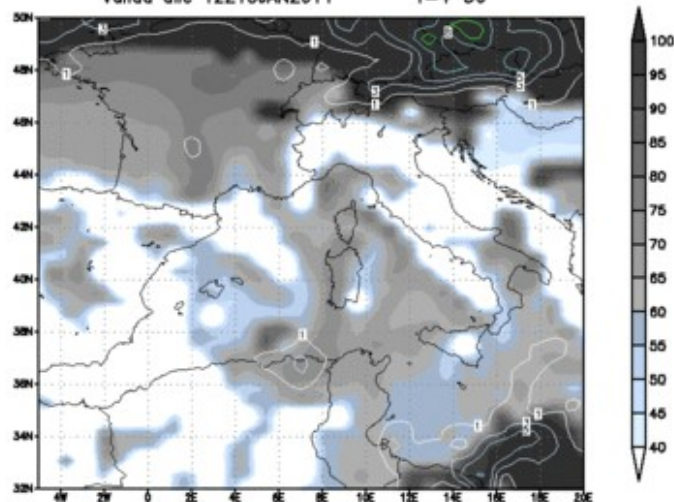
13/01/2011

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

Run del 00Z13JAN2011

Valida alle 12Z13JAN2011

T=+ 36



MetOffice per 3bmeteo.com

Copertura nuvolosa e precipitazione a grande scala

Pur se con qualche miglioramento e' presente sempre una forte variabilità nelle regioni del centro - italia.

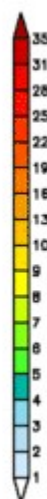
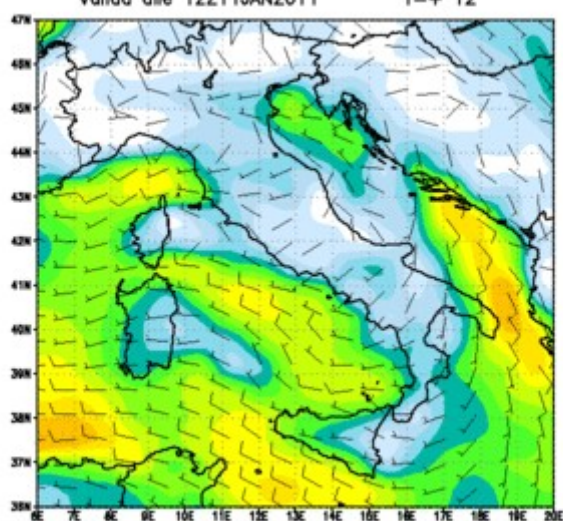
11/01/2011

Modello UKMO – Vento a 10 metri (m/s)

Run del 00Z11JAN2011

Valida alle 12Z11JAN2011

T=+ 12



MetOffice per 3bmeteo.com

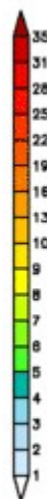
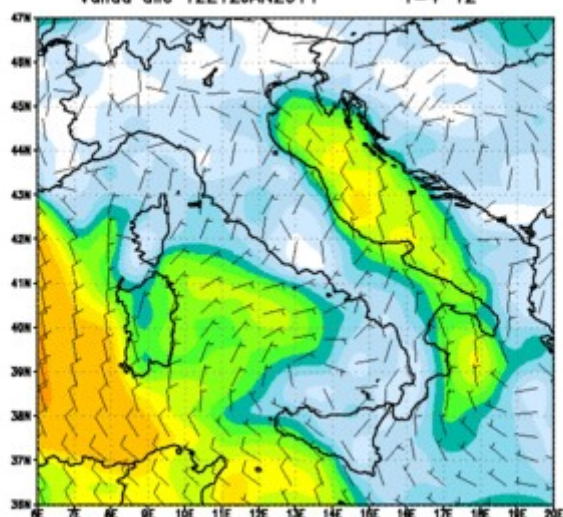
12/01/2011

Modello UKMO – Vento a 10 metri (m/s)

Run del 00Z12JAN2011

Valida alle 12Z12JAN2011

T=+ 12



MetOffice per 3bmeteo.com

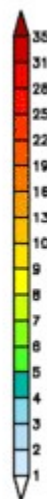
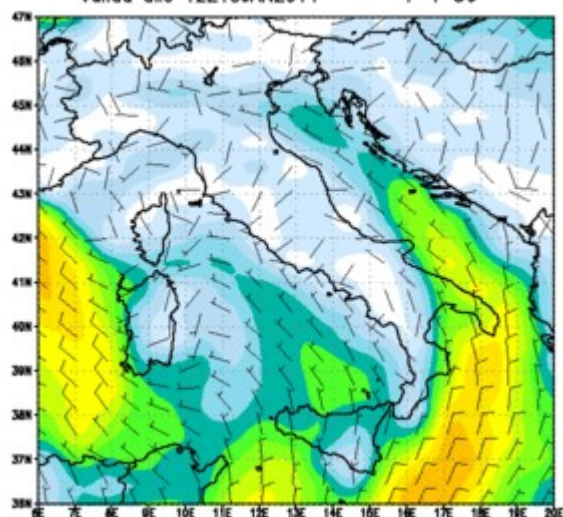
13/01/2011

Modello UKMO – Vento a 10 metri (m/s)

Run del 00Z12JAN2011

Valida alle 12Z13JAN2011

T=+ 36



MetOffice per 3bmeteo.com

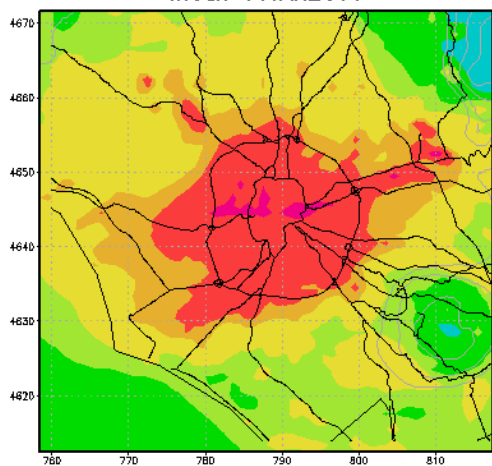
Campi di vento

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

PM10 media giornaliera prevista – Previsioni Arpalazio

11/01/2011

mean 11JAN2011



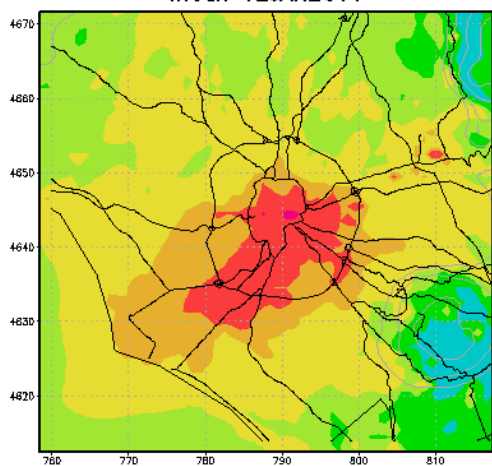
ug/m3

GIADIS COLA/IGES

2011-01-11-10:28

12/01/2011

mean 12JAN2011



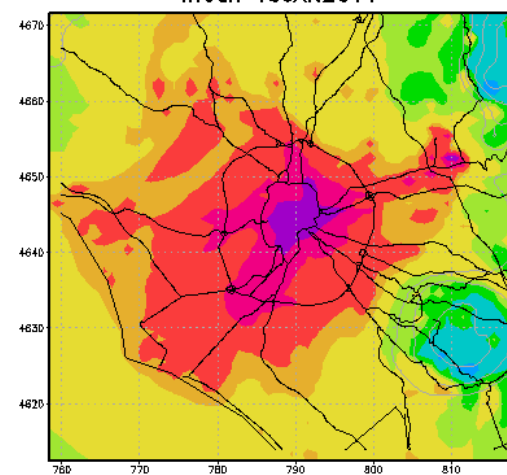
ug/m3

GIADIS COLA/IGES

2011-01-11-10:47

13/01/2011

mean 13JAN2011



ug/m3

GIADIS COLA/IGES

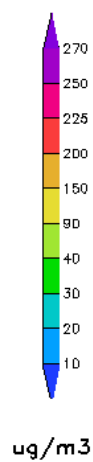
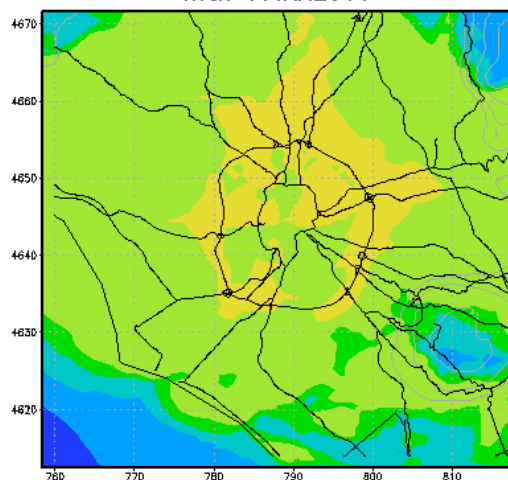
2011-01-11-11:09

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

NO2 – valore massimo previsto (ARPALAZIO)

11/01/2011

max 11JAN2011

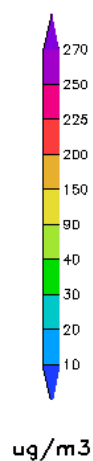
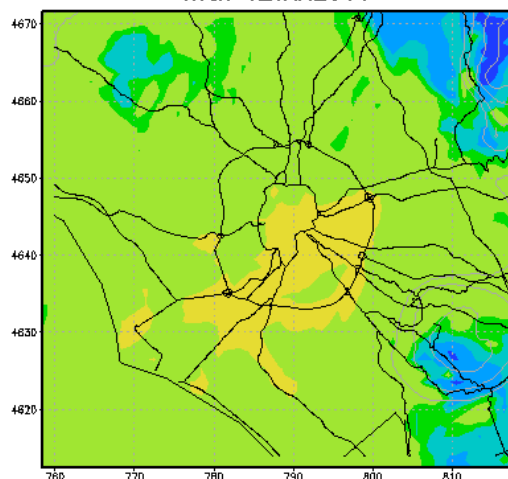


GRADS: COLA/IGES

2011-01-11-10:28

12/01/2011

max 12JAN2011

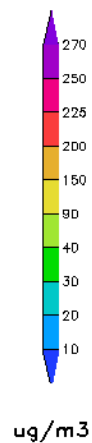
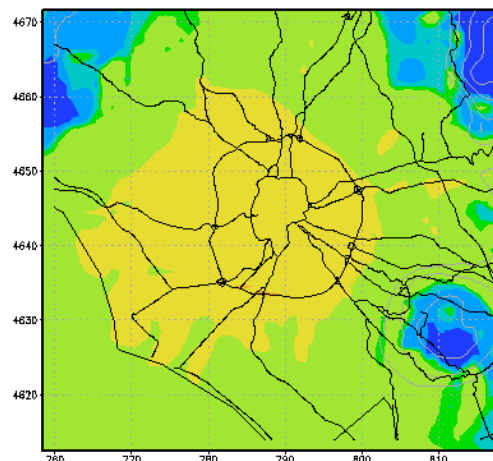


GRADS: COLA/IGES

2011-01-11-10:47

13/01/2011

max 13JAN2011



GRADS: COLA/IGES

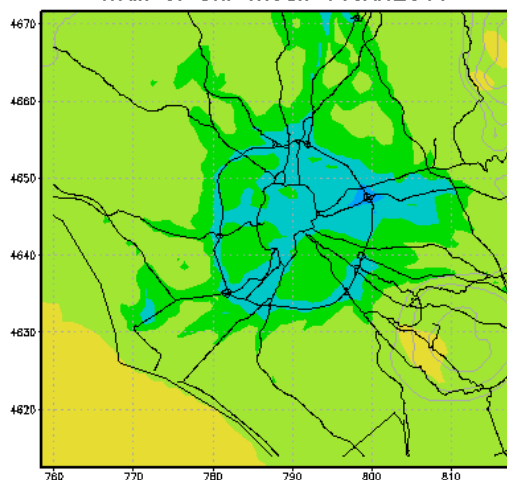
2011-01-11-11:09

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)

11/01/2011

max of 8hr mean 11JAN2011



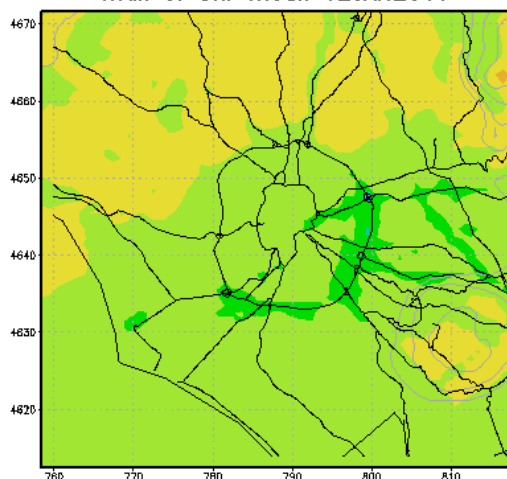
ug/m3

GIS: COLA/IGES

2011-01-11-10:27

12/01/2011

max of 8hr mean 12JAN2011



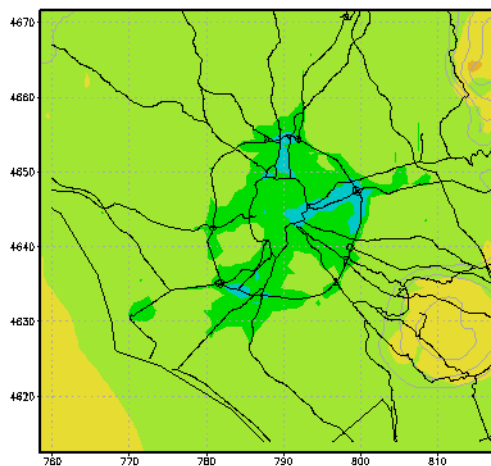
ug/m3

GIS: COLA/IGES

2011-01-11-10:46

13/01/2011

max of 8hr mean 13JAN2011



ug/m3

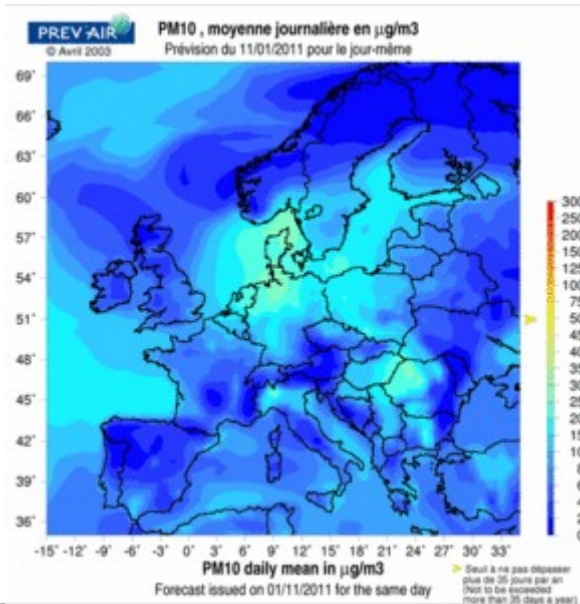
GIS: COLA/IGES

2011-01-11-11:08

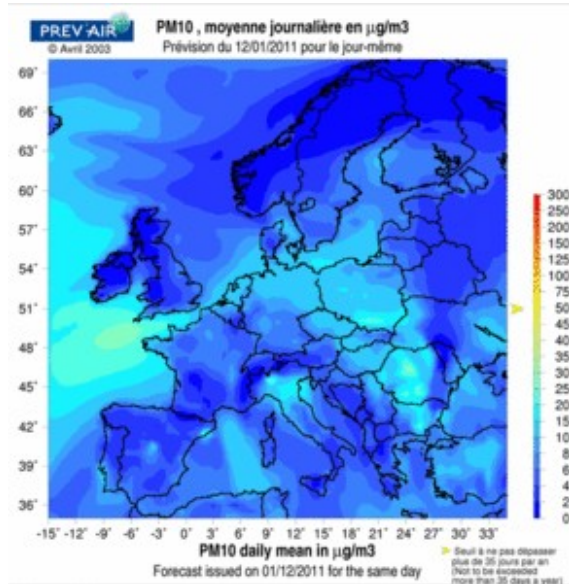
Il sistema previsionale mostra un lieve aumento della concentrazione massima giornaliera mediata sulle 8 ore di O3 nell'area metropolitana di Roma.

PM10 – Valore medio previsto (CHIMERE)

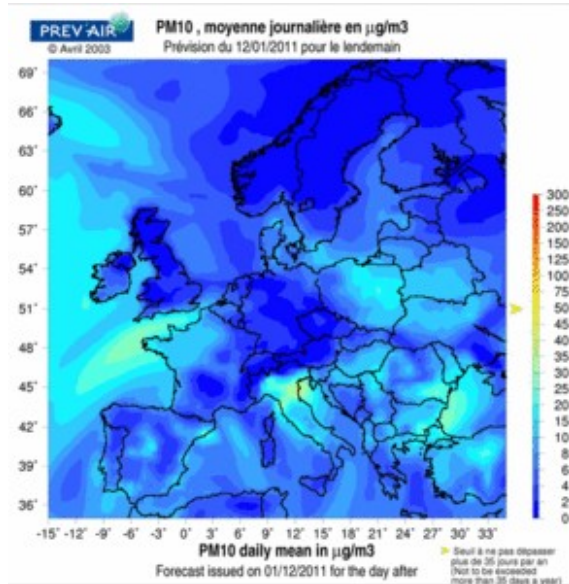
11/01/2011



12/01/2011



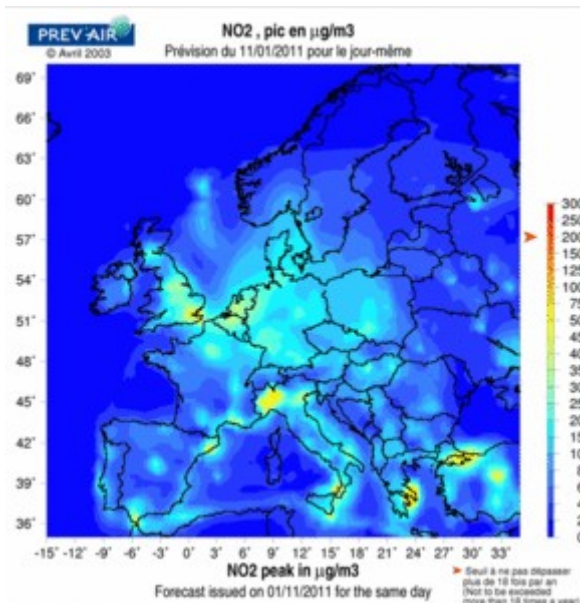
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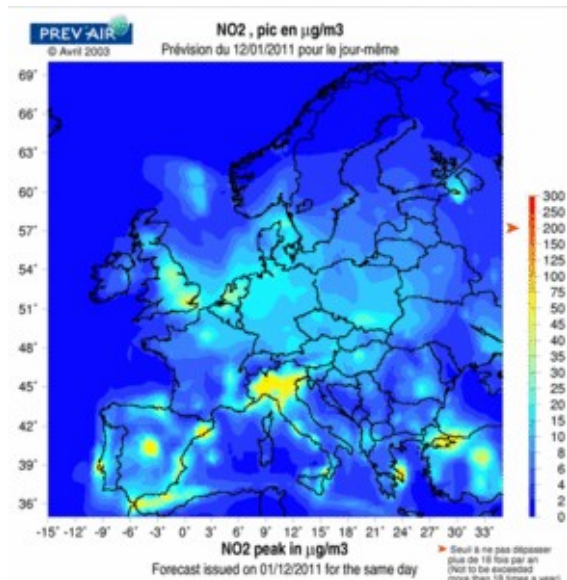
La ricostruzione modellistica effettuata con CHIMERE (ad opera di prev'air, Ministero della Repubblica Francese) mostra un aumento della concentrazione media di PM10.

NO₂ – Valore massimo previsto (CHIMERE)

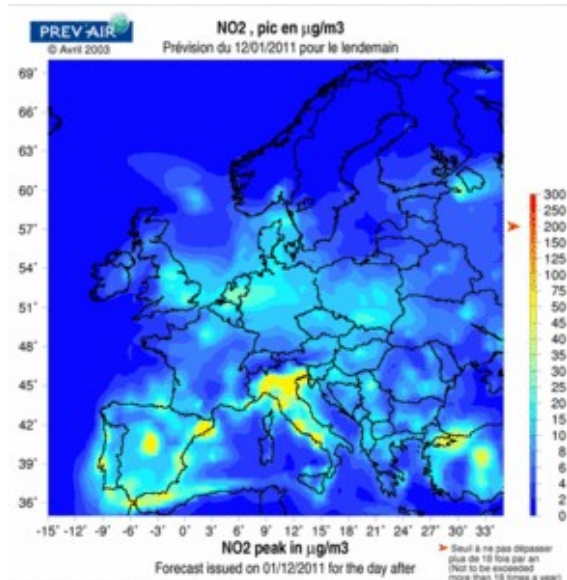
11/01/2011



12/01/2011



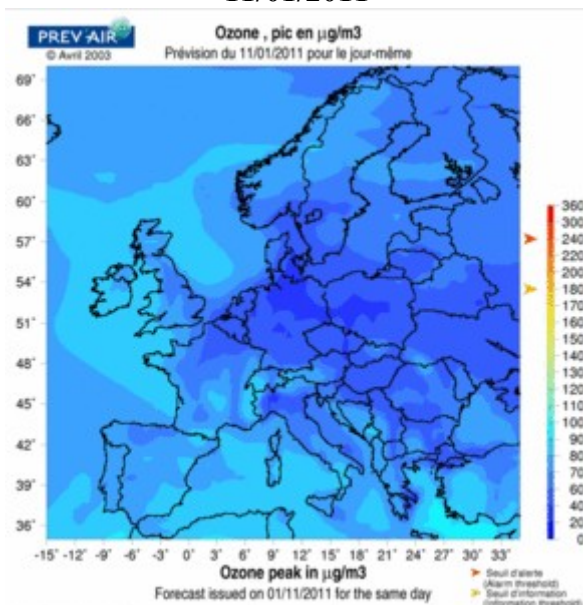
13/01/2011



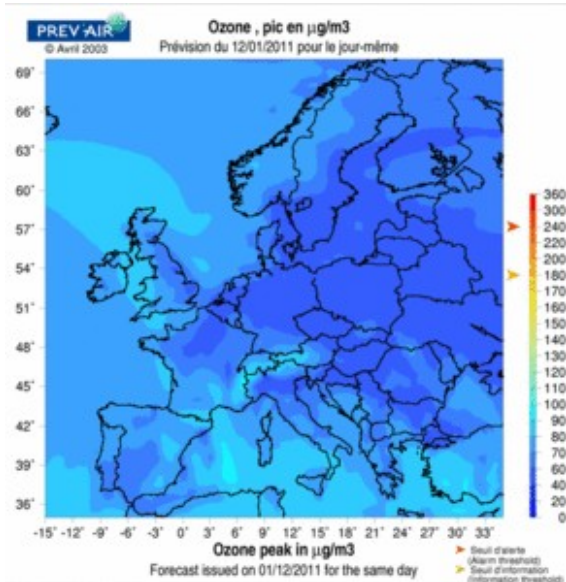
La ricostruzione modellistica effettuata con CHIMERE (ad opera di prev'air, Ministero della Repubblica Francese)) mostra un aumento della concentrazione massima di NO₂.

O3 – Valore massimo previsto (CHIMERE)

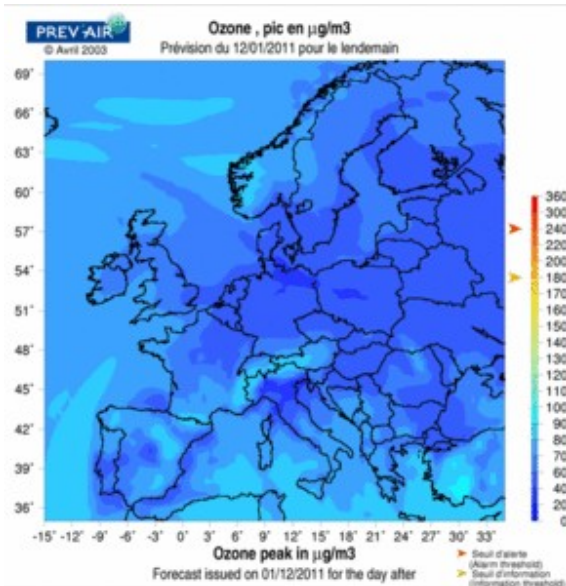
11/01/2011



12/01/2011



13/01/2011

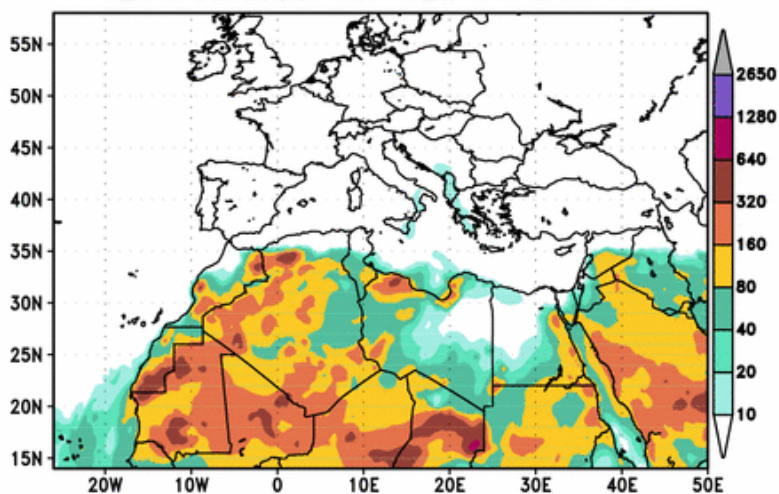


La ricostruzione modellistica effettuata con CHIMERE (ad opera di prev'air, Ministero della Repubblica Francese) non mostra importanti variazioni della concentrazione massima di O3.

PM10 Previsioni di trasporto a lunga distanza – Modello DREAM

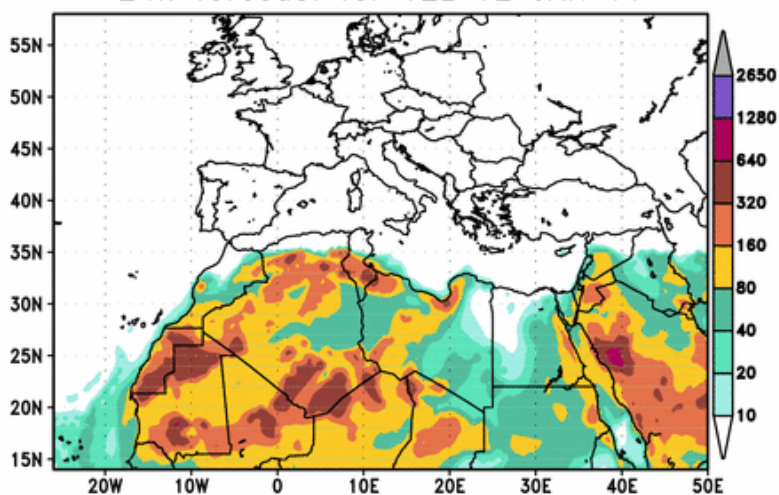
11/01/2011

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



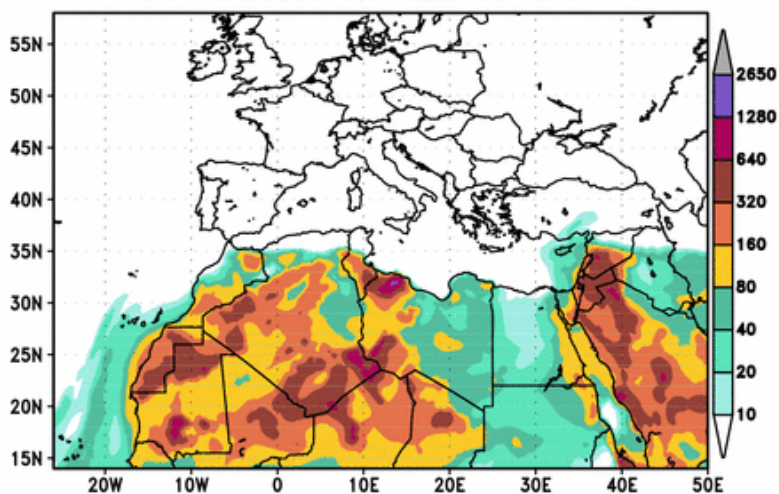
12/01/2011

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. ($\mu\text{g}/\text{m}^3$)
48h forecast for 12z 13 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)

