



Bollettino Quotidiano
18 Ottobre 2010

Centro Regionale della Qualità dell'Aria

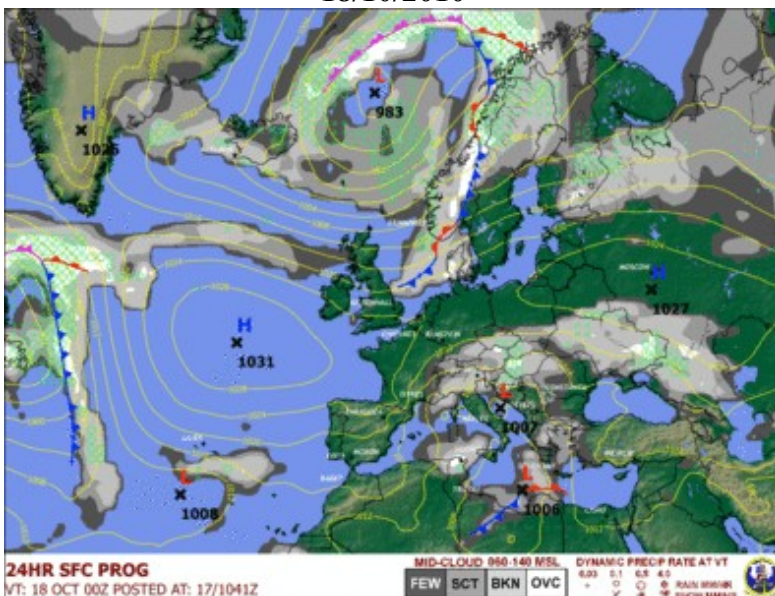
e-mail : craria@arpalazio.it

CENTRO REGIONALE DELLA QUALITA' DELL'ARIA (17, 18 e 19 Ottobre 2010)

17/10/2010



18/10/2010



19/10/2010



Situazione meteorologica a grande scala

Tempo nel complesso discreto al Centro e al Sud, salvo graduale peggioramento su Toscana, Marche ed Appennino centrale nel corso della giornata.

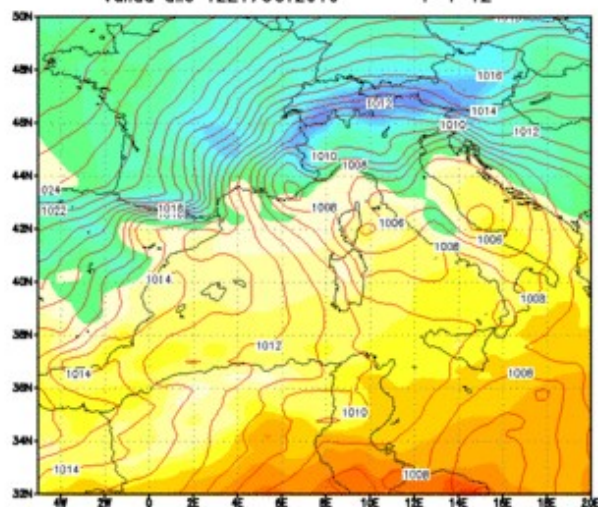
17/10/2010

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

Run del 00Z17OCT2010

Valida alle 12Z17OCT2010

T=+ 12



MetOffice per 3bmeteo.com

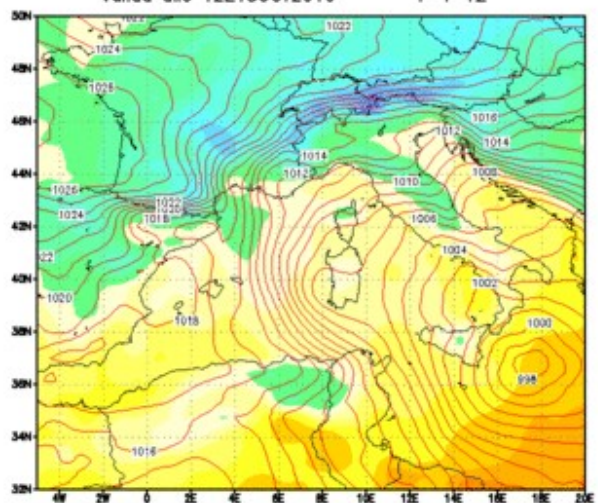
18/10/2010

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

Run del 00Z18OCT2010

Valida alle 12Z18OCT2010

T=+ 12



MetOffice per 3bmeteo.com

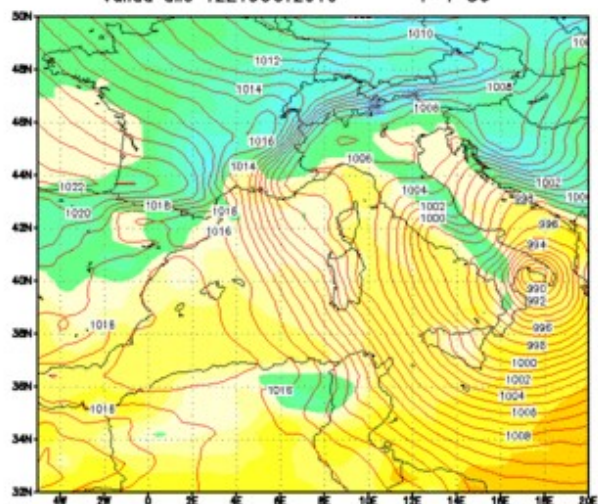
19/10/2010

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

Run del 00Z18OCT2010

Valida alle 12Z19OCT2010

T=+ 36



MetOffice per 3bmeteo.com

Campi di pressione e temperatura al suolo a grande scala

E' prevista una riduzione della temperatura.

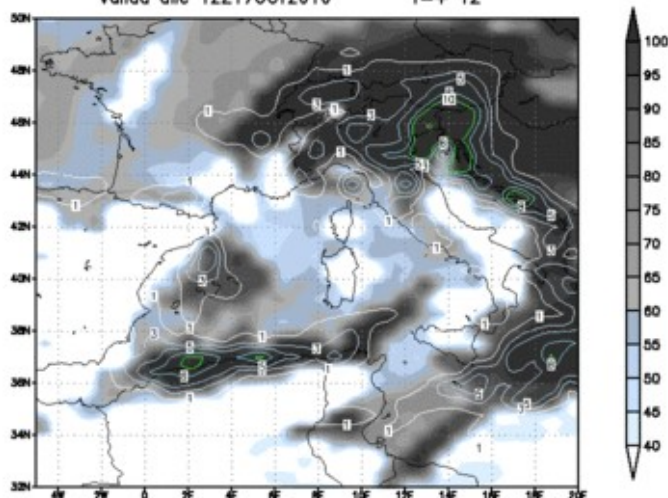
17/10/2010

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

Run del 00Z17OCT2010

Valida alle 12Z17OCT2010

T=+ 12



MetOffice per 3bmeteo.com

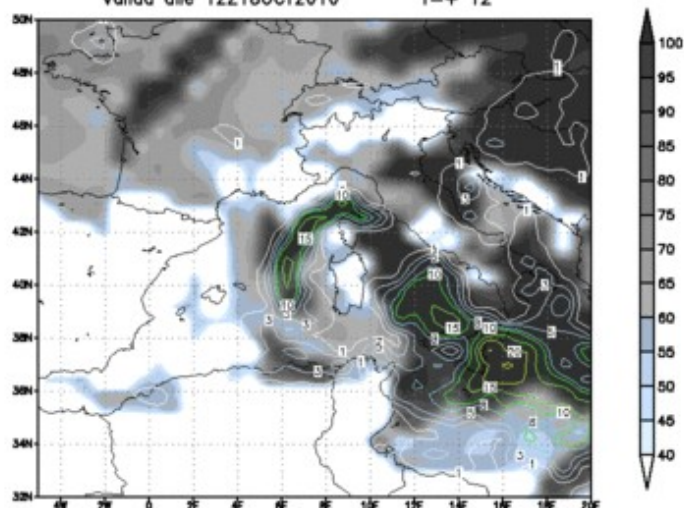
18/10/2010

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

Run del 00Z18OCT2010

Valida alle 12Z18OCT2010

T=+ 12



MetOffice per 3bmeteo.com

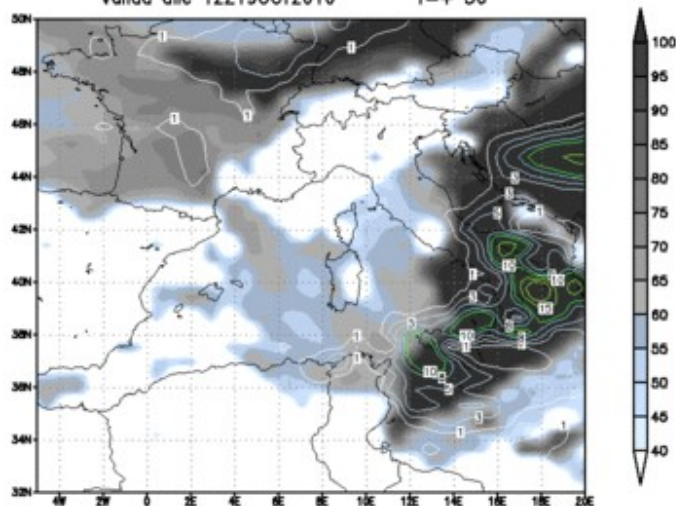
19/10/2010

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

Run del 00Z18OCT2010

Valida alle 12Z19OCT2010

T=+ 36



MetOffice per 3bmeteo.com

Copertura nuvolosa e precipitazione a grande scala

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

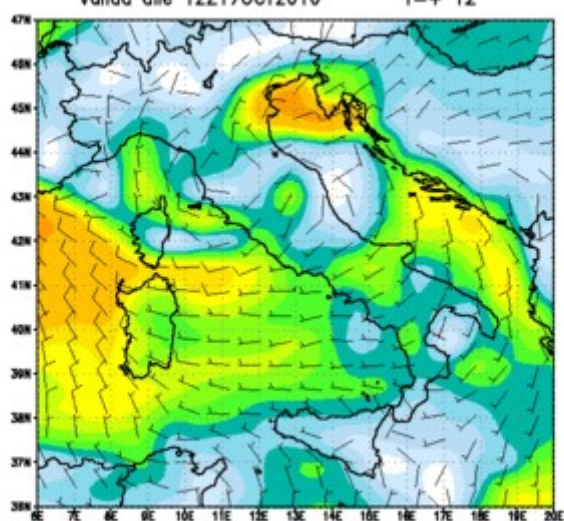
17/10/2010

Modello UKMO — Vento a 10 metri (m/s)

Run del 00Z17OCT2010

Valida alle 12Z17OCT2010

T=+ 12



MetOffice per 3bmeteo.com

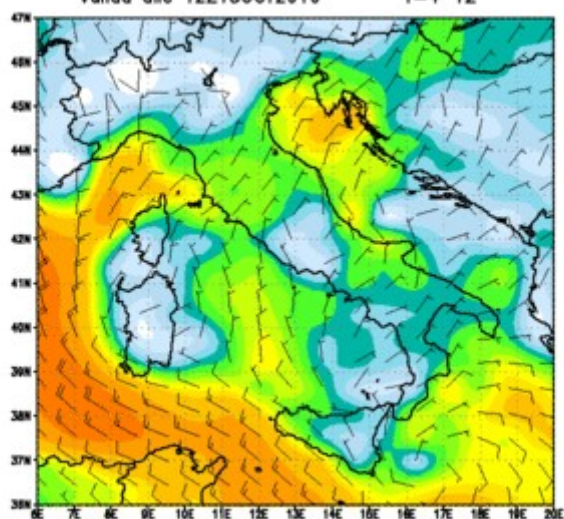
18/10/2010

Modello UKMO — Vento a 10 metri (m/s)

Run del 00Z18OCT2010

Valida alle 12Z18OCT2010

T=+ 12



MetOffice per 3bmeteo.com

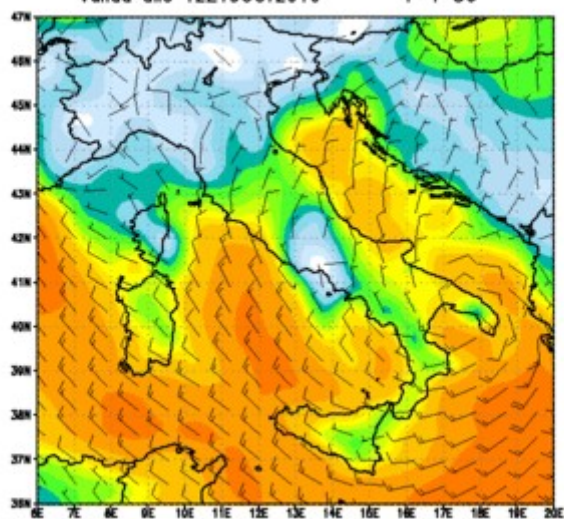
19/10/2010

Modello UKMO — Vento a 10 metri (m/s)

Run del 00Z18OCT2010

Valida alle 12Z19OCT2010

T=+ 36



MetOffice per 3bmeteo.com

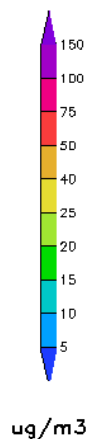
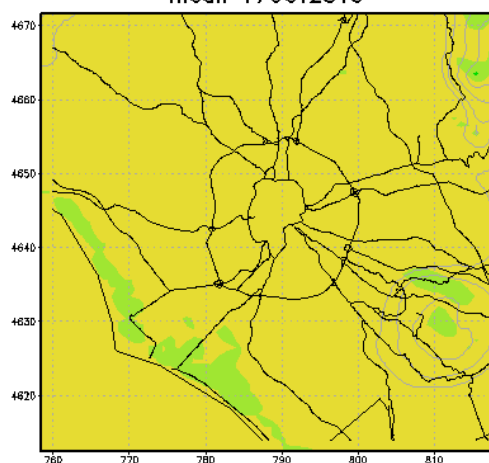
Campi di vento

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

PM10 media giornaliera prevista – Previsioni Arpalazio

17/10/2010

mean 17OCT2010



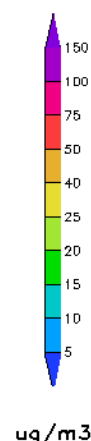
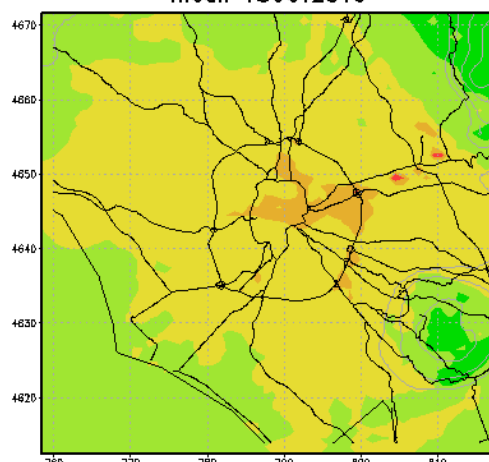
ug/m3

GIS: COLA/IGES

2010-10-17-10:42

18/10/2010

mean 18OCT2010



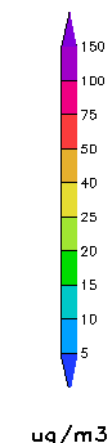
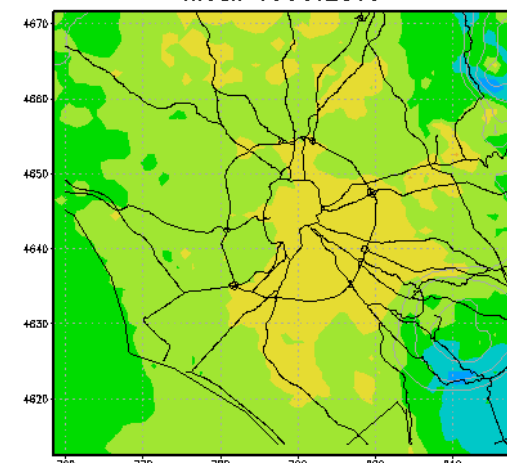
ug/m3

GIS: COLA/IGES

2010-10-17-11:02

19/10/2010

mean 19OCT2010



ug/m3

GIS: COLA/IGES

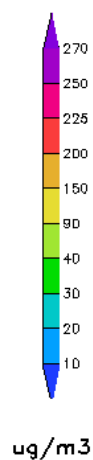
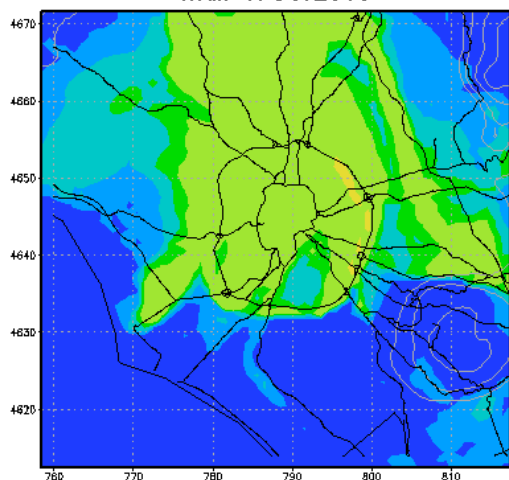
2010-10-17-11:21

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

NO2 – valore massimo previsto (ARPALAZIO)

17/10/2010

max 17OCT2010

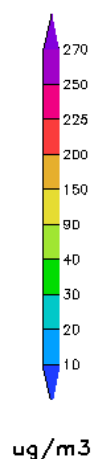
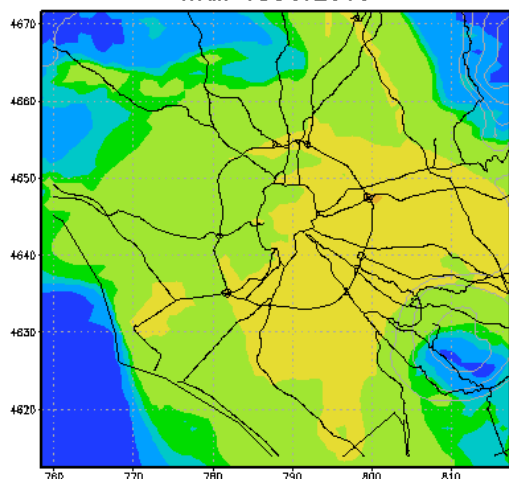


GIS: COLLA/IGES

2010-10-17-10:42

18/10/2010

max 18OCT2010

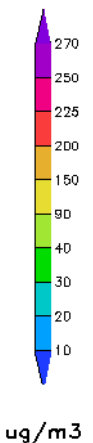
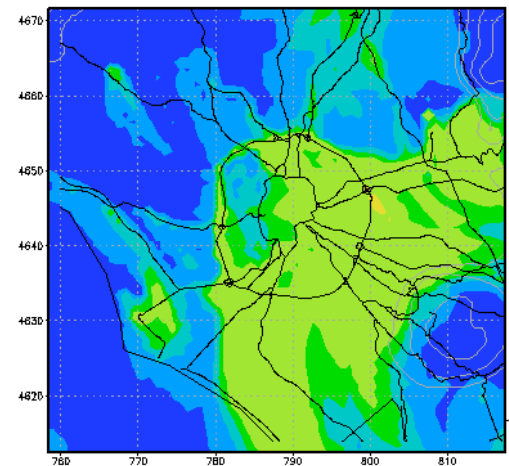


GIS: COLLA/IGES

2010-10-17-11:02

19/10/2010

max 19OCT2010



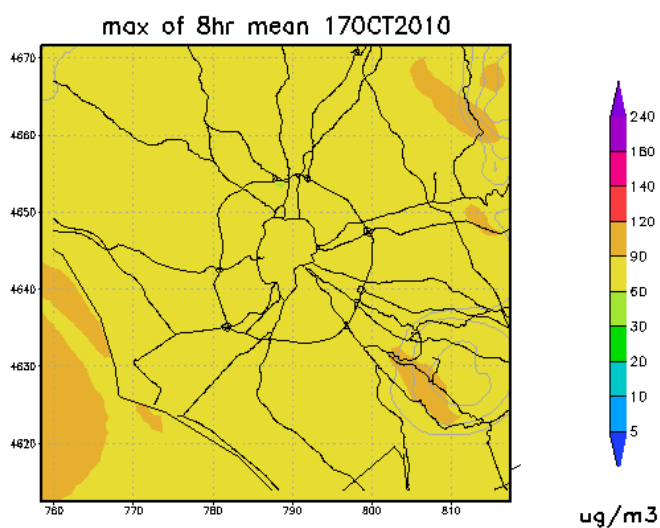
GIS: COLLA/IGES

2010-10-17-11:21

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

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

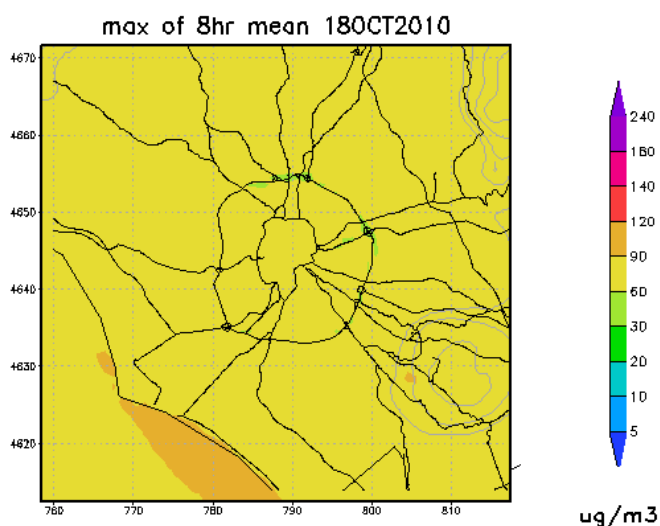
17/10/2010



GIS: COLA/IGES

2010-10-17-10:42

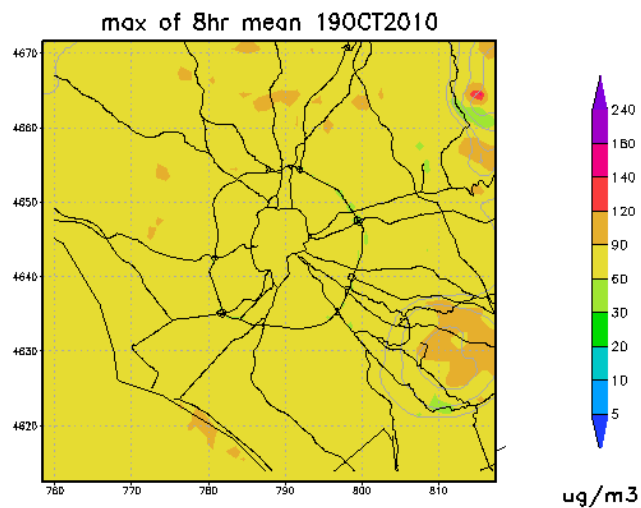
18/10/2010



GIS: COLA/IGES

2010-10-17-11:01

19/10/2010



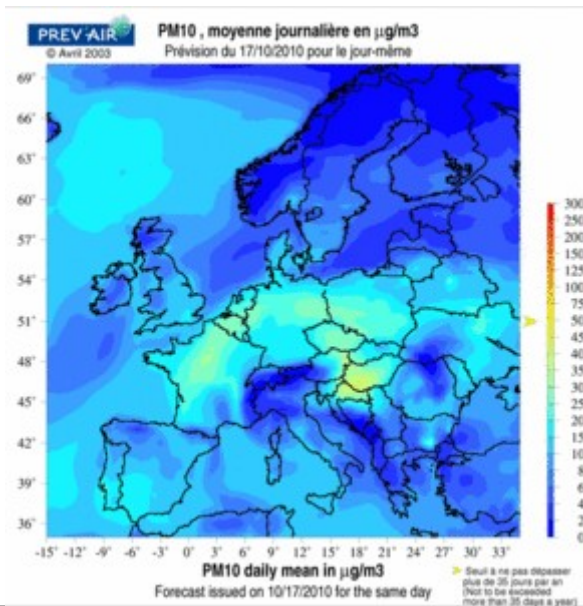
GIS: COLA/IGES

2010-10-17-11:21

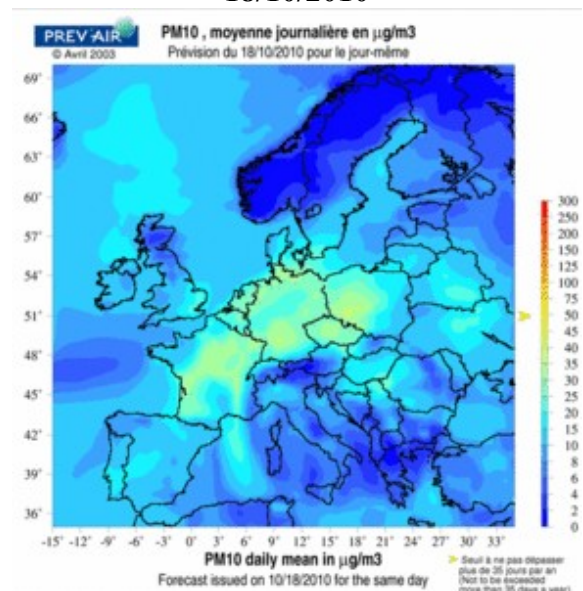
Il sistema previsionale non mostra importanti variazioni della concentrazione massima giornaliera mediata sulle 8 ore di O3 nell'area metropolitana di Roma.

PM10 – Valore medio previsto (CHIMERE)

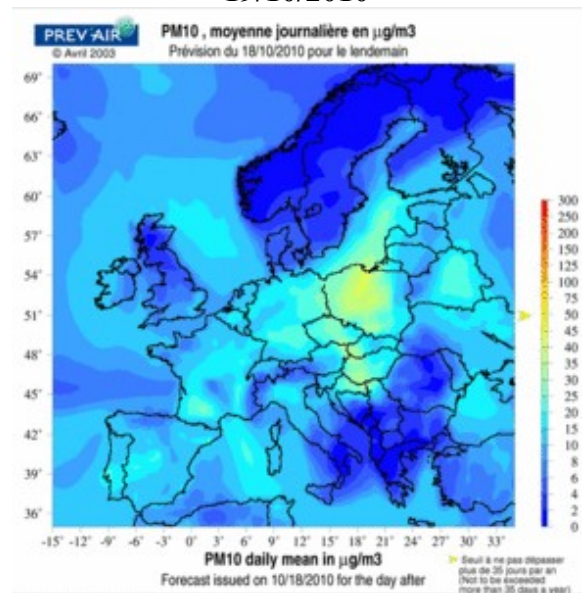
17/10/2010



18/10/2010



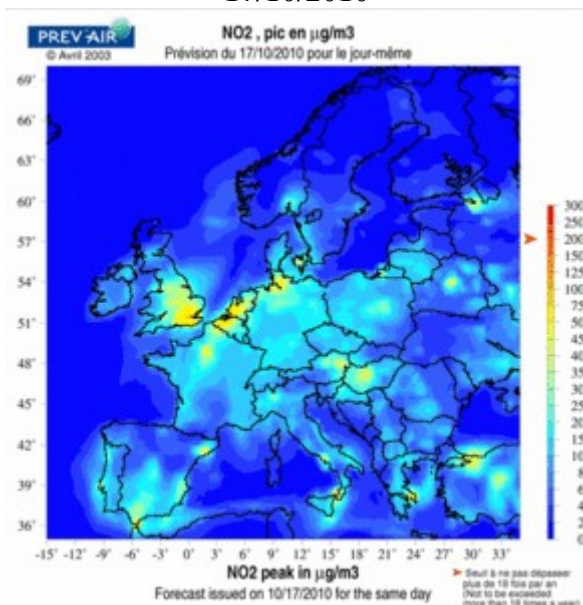
19/10/2010



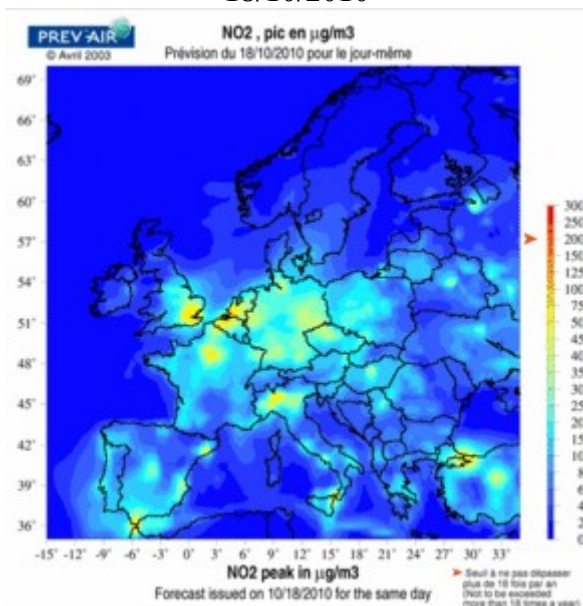
La ricostruzione modellistica effettuata con CHIMERE (ad opera di prev'air, Ministero della Repubblica Francese) non mostra importanti variazioni della concentrazione media di PM10.

NO₂ – Valore massimo previsto (CHIMERE)

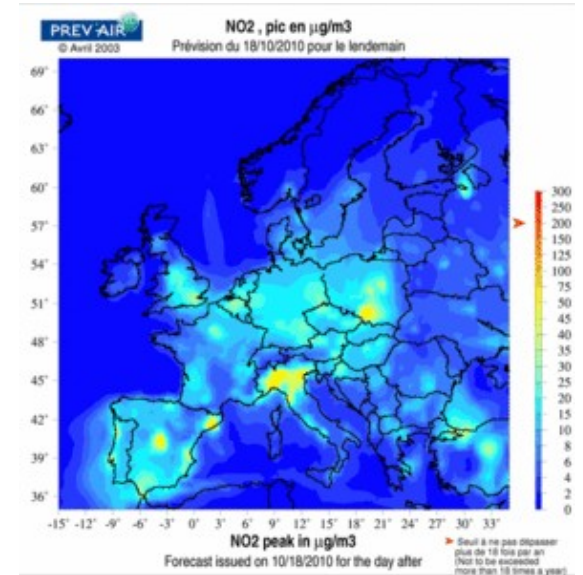
17/10/2010



18/10/2010



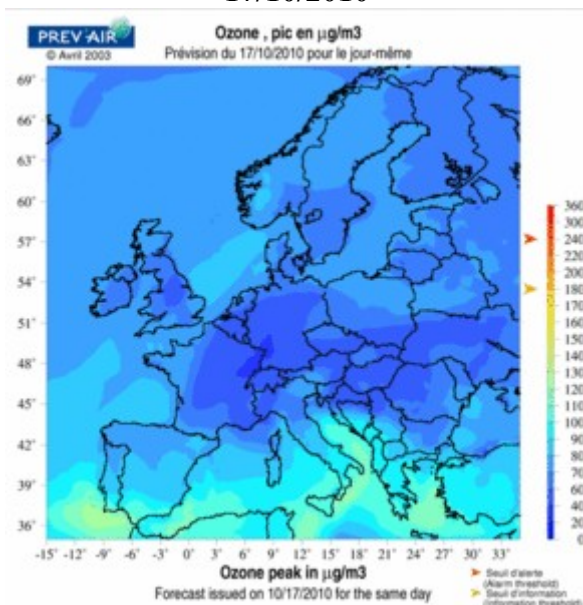
19/10/2010



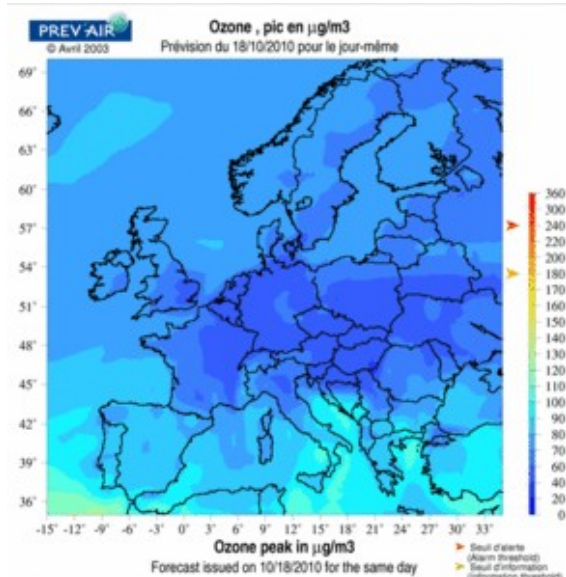
La ricostruzione modellistica effettuata con CHIMERE (ad opera di prev'air, Ministero della Repubblica Francese)) non mostra importanti variazioni della concentrazione massima di NO₂

O3 – Valore massimo previsto (CHIMERE)

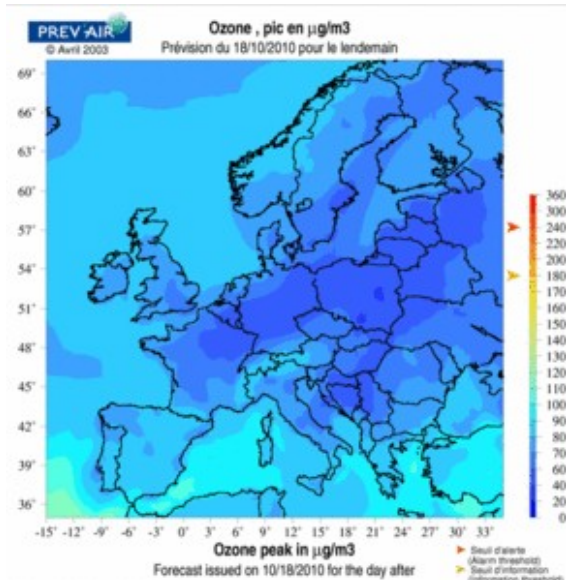
17/10/2010



18/10/2010



19/10/2010

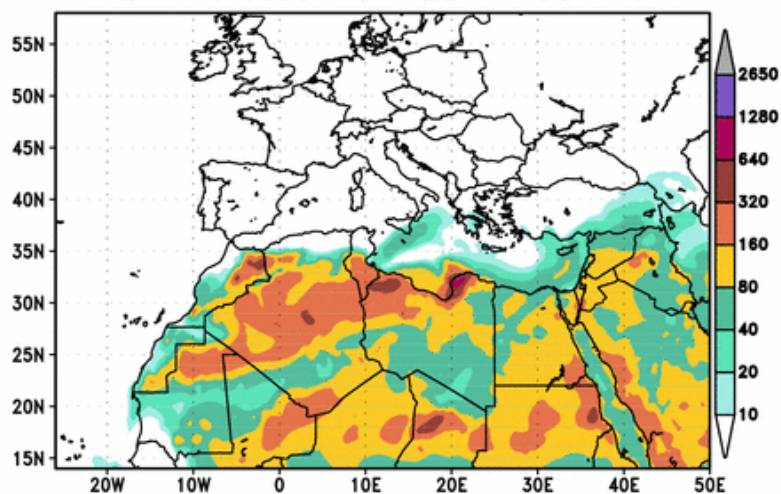


La ricostruzione modellistica effettuata con CHIMERE (ad opera di prev'air, Ministero della Repubblica Francese) non mostra importanti variazioni della concentrazione massima di O3.

PM10 Previsioni di trasporto a lunga distanza – Modello DREAM

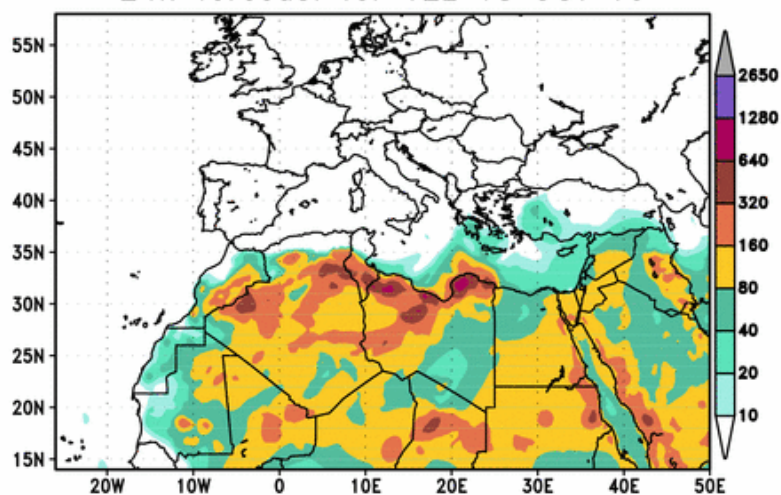
17/10/2010

BSC-DREAM8b Lowest Model Level Dust Conc. ($\mu\text{g}/\text{m}^3$)
24h forecast for 12z 17 OCT 10



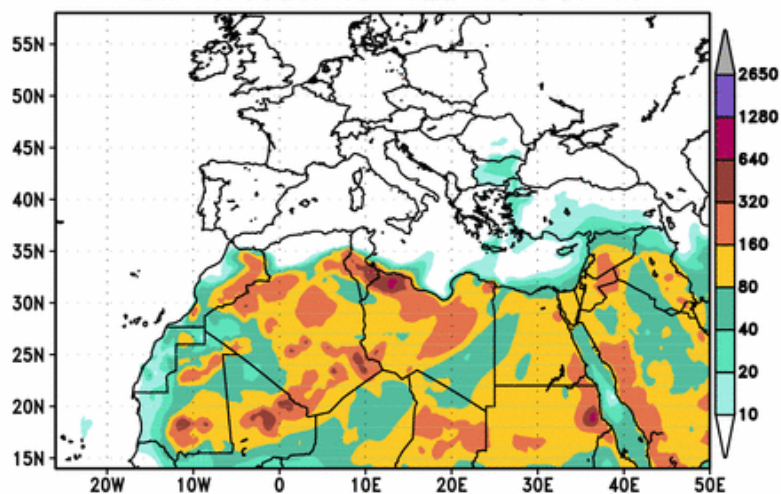
18/10/2010

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



19/10/2010

BSC-DREAM8b Lowest Model Level Dust Conc. ($\mu\text{g}/\text{m}^3$)
48h forecast for 12z 19 OCT 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)

