



Bollettino Quotidiano
22 Marzo 2011

Centro Regionale della Qualità dell'Aria

e-mail : craria@arpalazio.it

CENTRO REGIONALE DELLA QUALITA' DELL'ARIA (21, 22 e 23 Marzo 2011)

21/03/2011



22/03/2011



23/03/2011



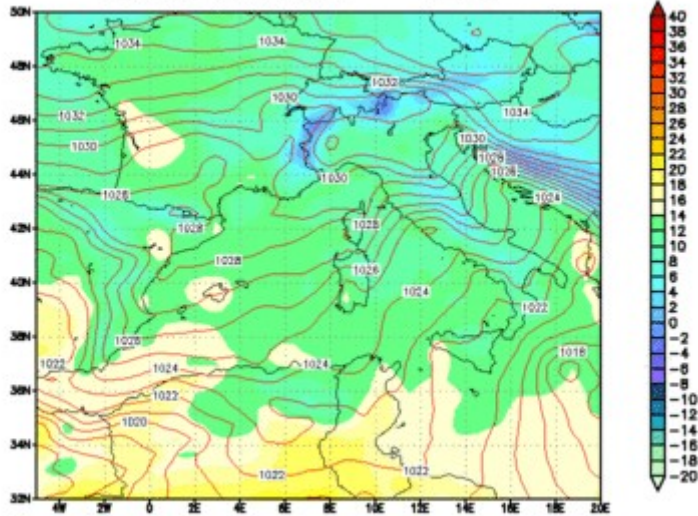
Situazione meteorologica a grande scala

Ancora qualche acquazzone pomeridiano al Sud, nonché locali fenomeni mattutini sul Cuneese. Bel tempo prevalente altrove.

21/03/2011

Modello UKMO — Pressione sim (hPa)e Temperatura a 1.5m (C)
Run del 00Z21MAR2011

Valida alle 12Z21MAR2011 T=+ 12

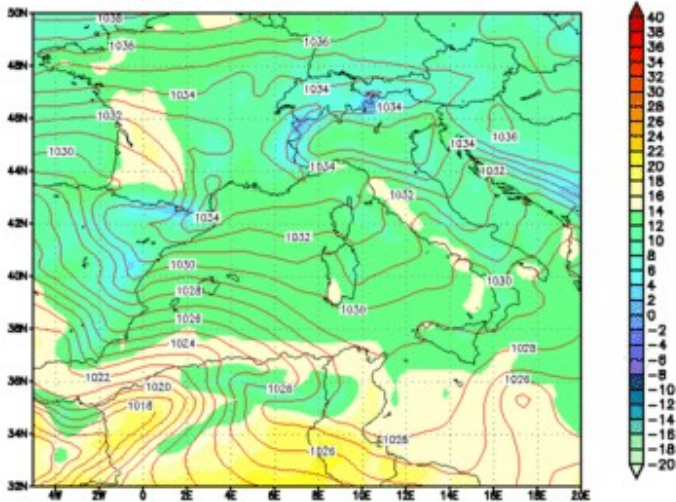


22/03/2011

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

Run del 00Z22MAR2011

Valida alle 12Z22MAR2011 T=+ 12

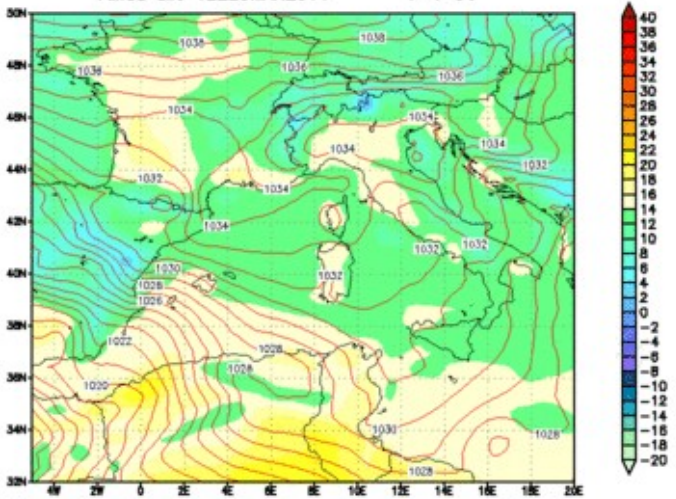


23/03/2011

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

Run del 00Z23MAR2011

Valida alle 12Z23MAR2011 T=+ 36



Campi di pressione e temperatura al suolo a grande scala

E' previsto un aumento delle temperature.

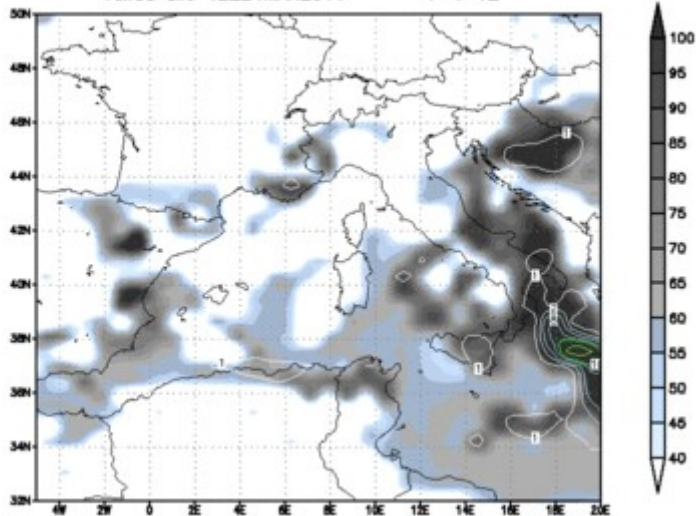
21/03/2011

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

Run del 00Z21MAR2011

Valida alle 12Z21MAR2011

T=+ 12



MetOffice per 3bmeteo.com

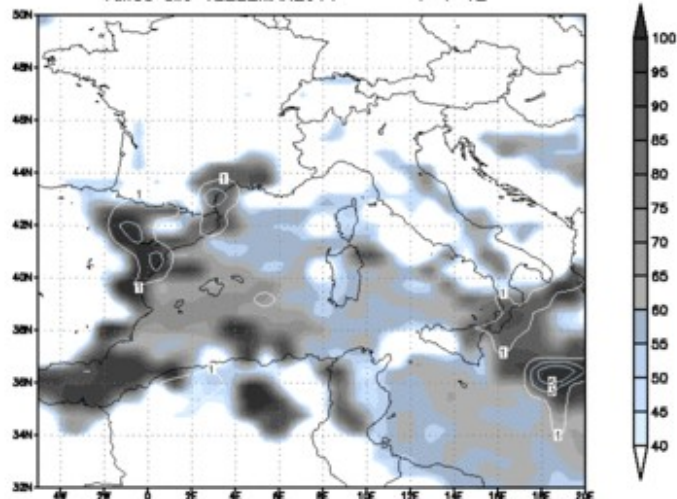
22/03/2011

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

Run del 00Z22MAR2011

Valida alle 12Z22MAR2011

T=+ 12



MetOffice per 3bmeteo.com

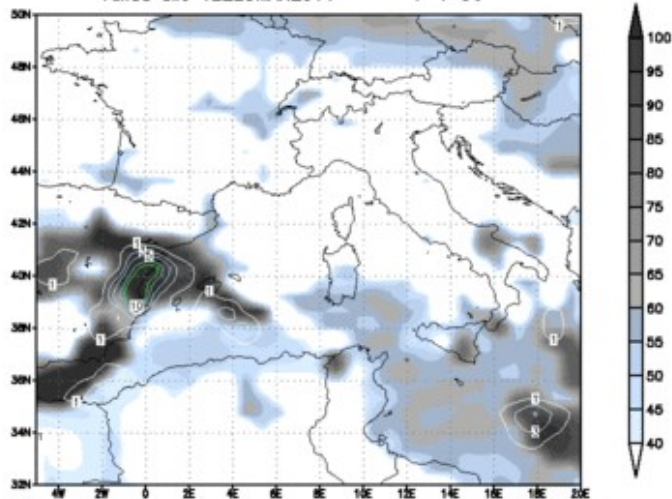
23/03/2011

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

Run del 00Z23MAR2011

Valida alle 12Z23MAR2011

T=+ 36



MetOffice per 3bmeteo.com

Copertura nuvolosa e precipitazione a grande scala

E' prevista una riduzione della nuvolosità nelle regioni del centro - Italia.

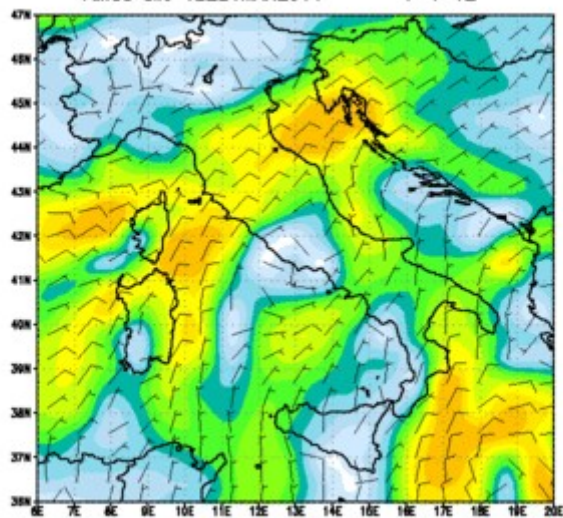
21/03/2011

Modello UKMO – Vento a 10 metri (m/s)

Run del 00Z21MAR2011

Valida alle 12Z21MAR2011

T=+ 12



MetOffice per 3bmeteo.com

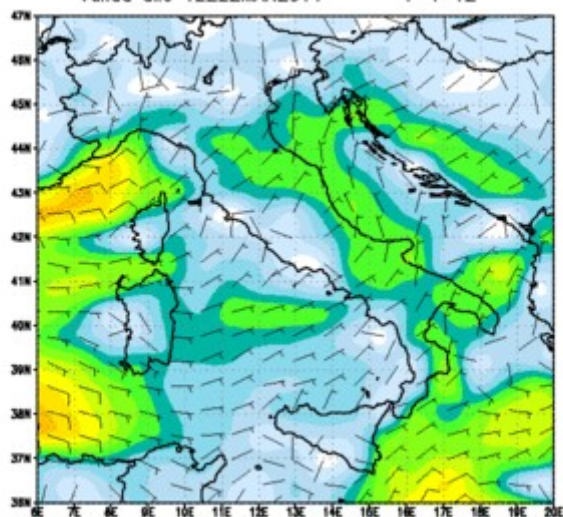
22/03/2011

Modello UKMO – Vento a 10 metri (m/s)

Run del 00Z22MAR2011

Valida alle 12Z22MAR2011

T=+ 12



MetOffice per 3bmeteo.com

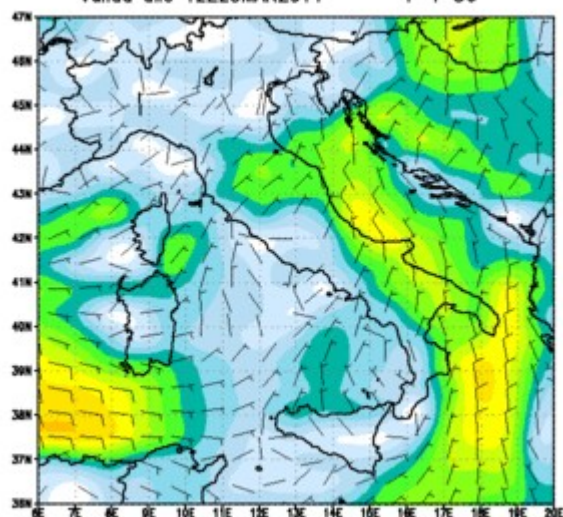
23/03/2011

Modello UKMO – Vento a 10 metri (m/s)

Run del 00Z23MAR2011

Valida alle 12Z23MAR2011

T=+ 36



MetOffice per 3bmeteo.com

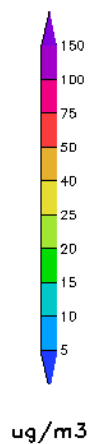
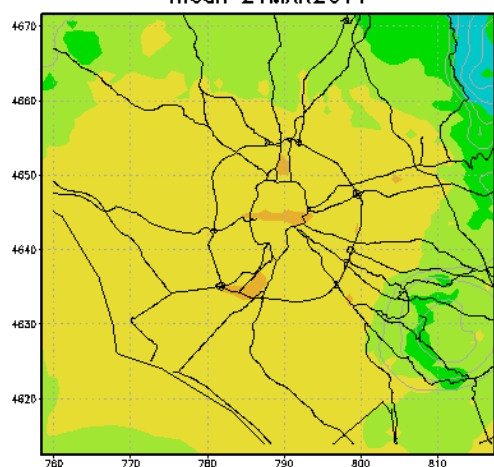
Campi di vento

E' previsto un lieve aumento della velocità dei venti.

PM10 media giornaliera prevista – Previsioni Arpalazio

21/03/2011

mean 21MAR2011

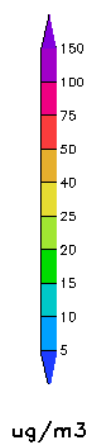
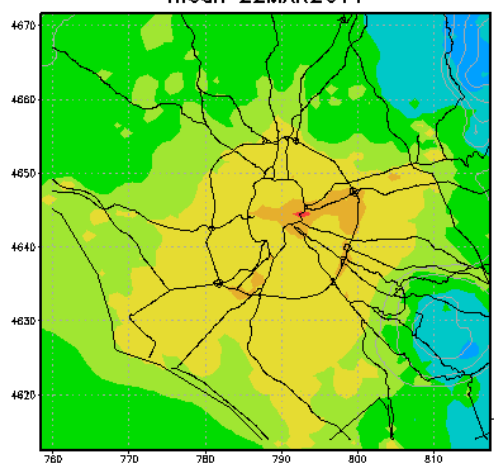


GIS/RS: COLA/IGES

2011-03-21-09:01

22/03/2011

mean 22MAR2011

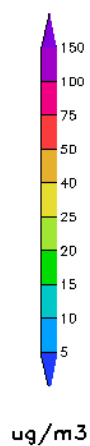
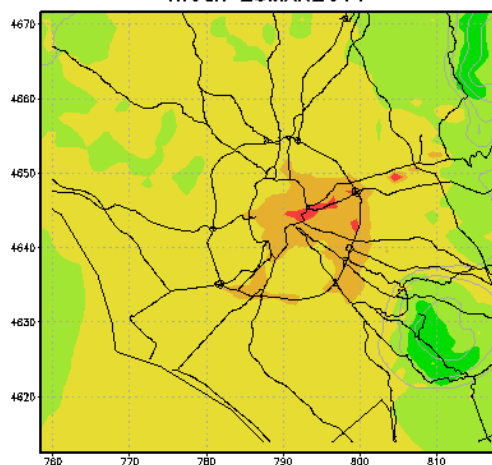


GIS/RS: COLA/IGES

2011-03-22-10:16

23/03/2011

mean 23MAR2011



GIS/RS: COLA/IGES

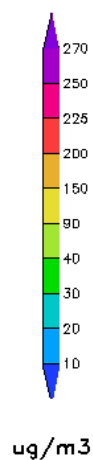
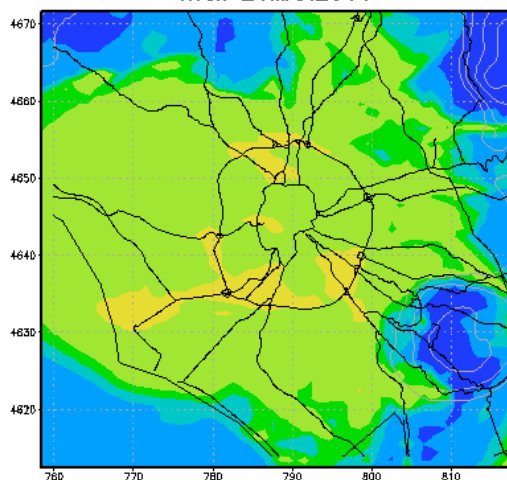
2011-03-22-10:31

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

NO2 – valore massimo previsto (ARPALAZIO)

21/03/2011

max 21MAR2011

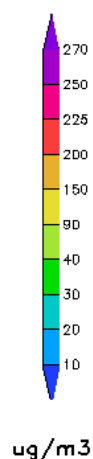
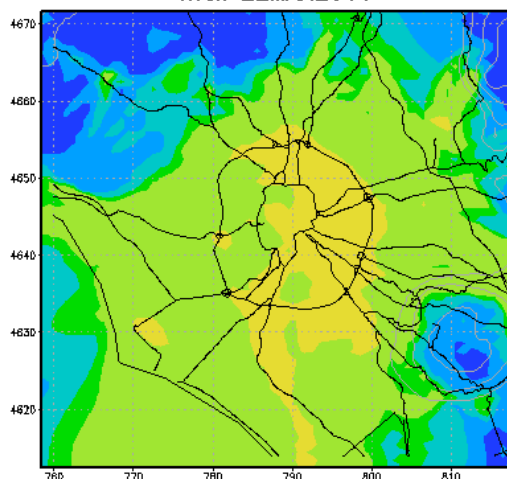


GIS: COLA/IGES

2011-03-21-08:01

22/03/2011

max 22MAR2011

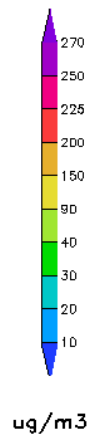
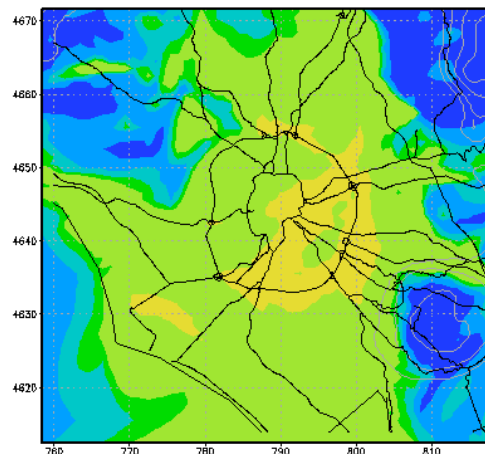


GIS: COLA/IGES

2011-03-22-10:14

23/03/2011

max 23MAR2011



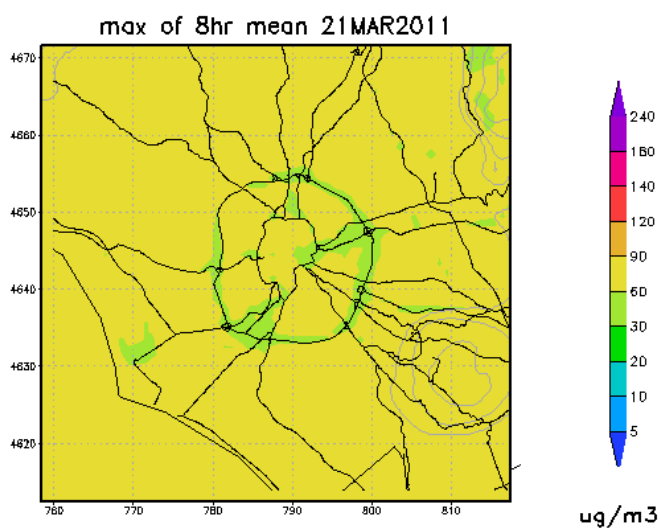
GIS: COLA/IGES

2011-03-22-10:31

Il sistema revisionale non mostra importanti variazioni della concentrazione massima giornaliera di NO2 nell'area metropolitana di Roma.

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

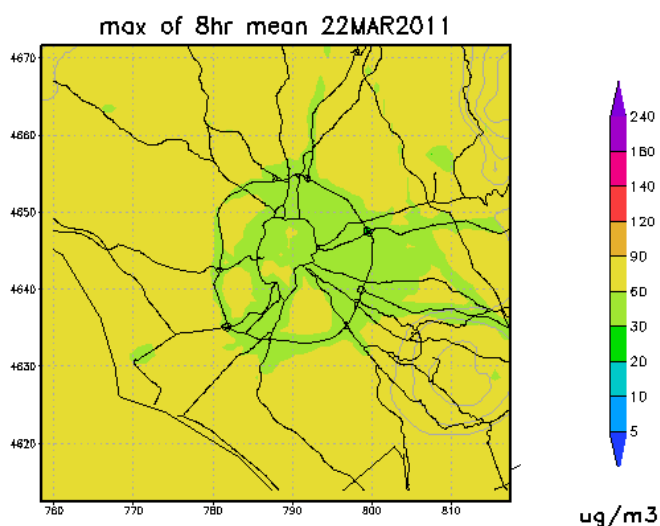
21/03/2011



GIS: COLA/IGES

2011-03-21-08:01

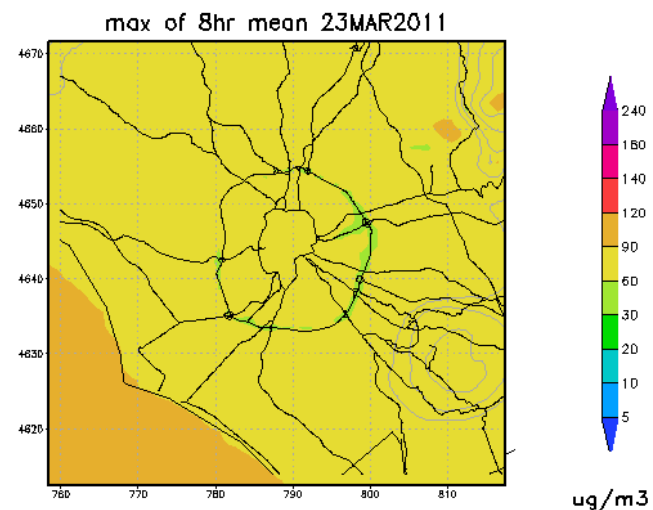
22/03/2011



GIS: COLA/IGES

2011-03-22-10:14

23/03/2011



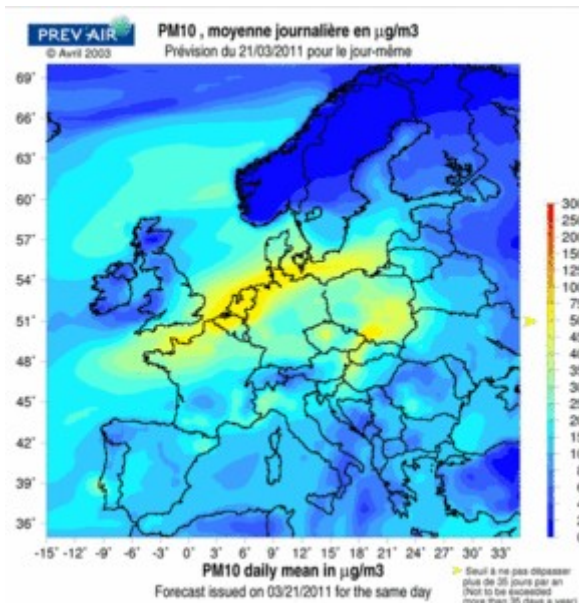
GIS: COLA/IGES

2011-03-22-10:31

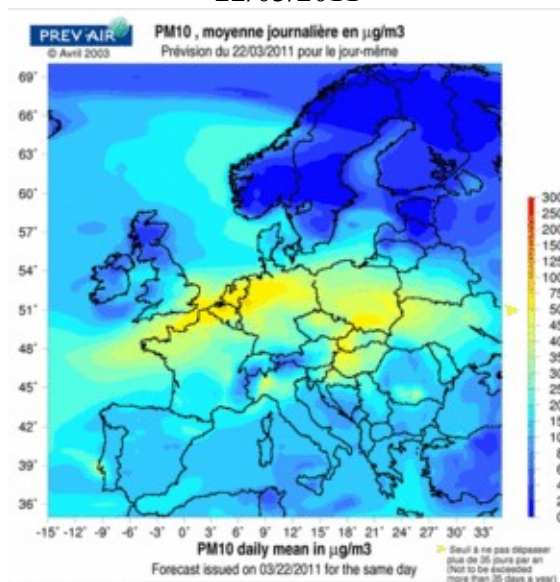
Il sistema revisionale mostra un lieve aumento della concentrazione massima giornaliera mediata sulle 8 ore di O3 nell'area metropolitana di Roma.

PM10 – Valore medio previsto (CHIMERE)

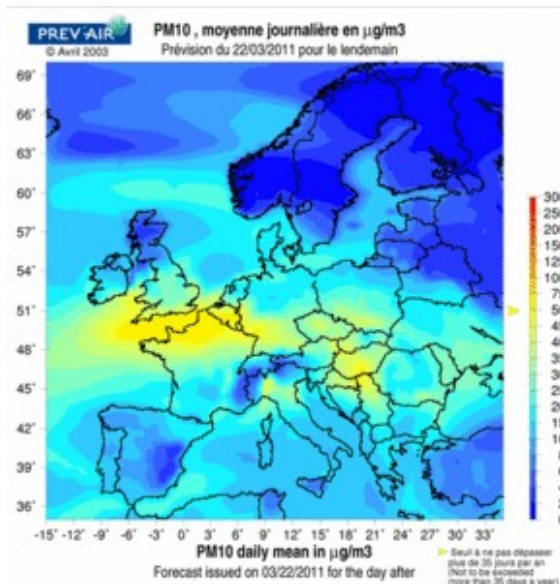
21/03/2011



22/03/2011



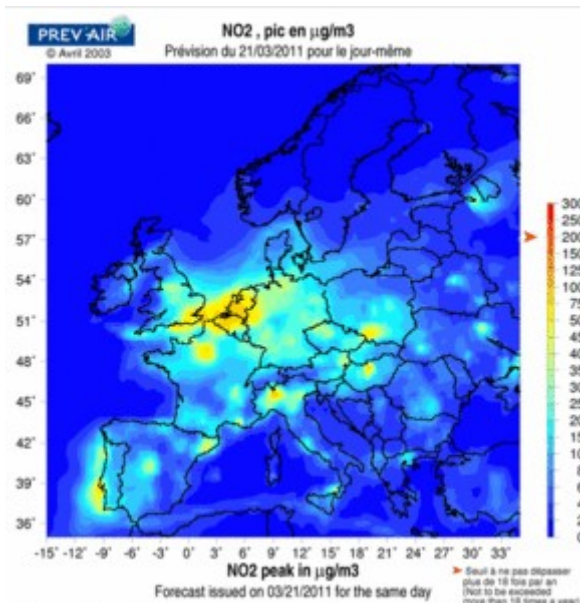
23/03/2011



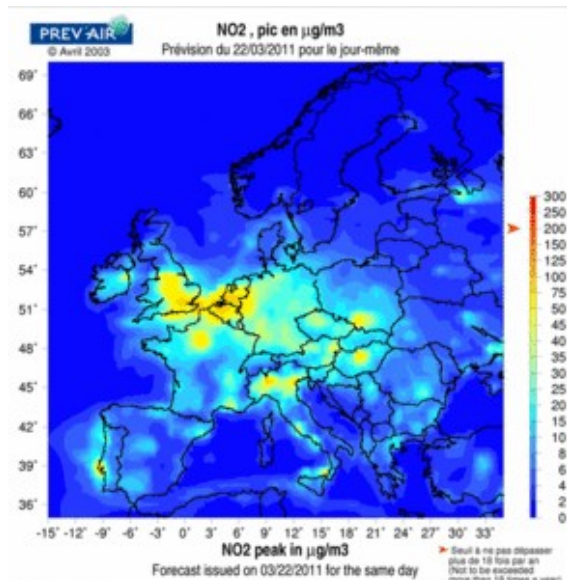
La ricostruzione modellistica effettuata con CHIMERE (ad opera di prev'air, Ministero della Repubblica Francese) mostra un lieve aumento della concentrazione media di PM10.

NO2 – Valore massimo previsto (CHIMERE)

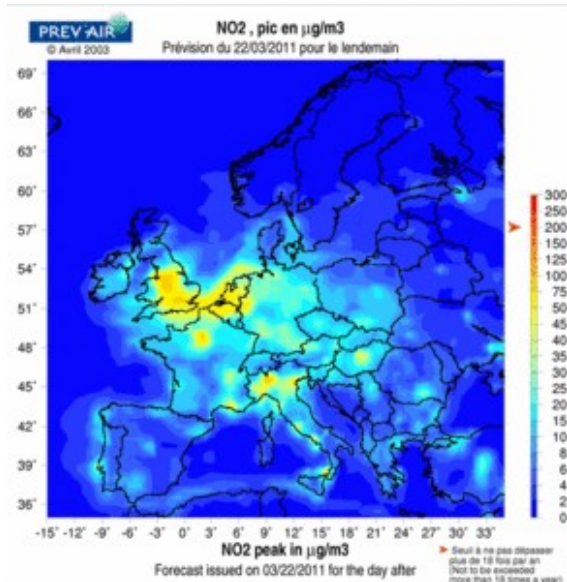
21/03/2011



22/03/2011



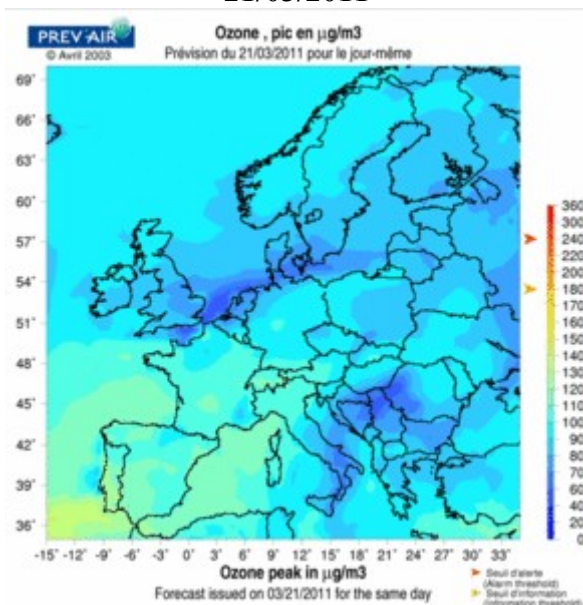
23/03/2011



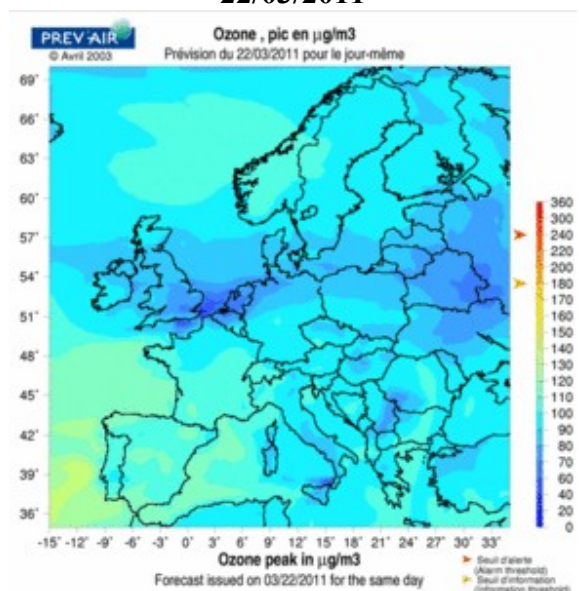
La ricostruzione modellistica effettuata con CHIMERE (ad opera di prev'air, Ministero della Repubblica Francese) mostra un aumento della concentrazione massima di NO2.

O3 – Valore massimo previsto (CHIMERE)

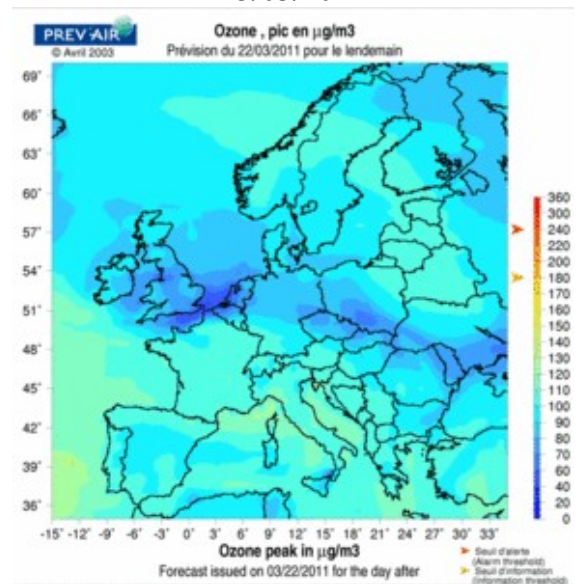
21/03/2011



22/03/2011



23/03/2011

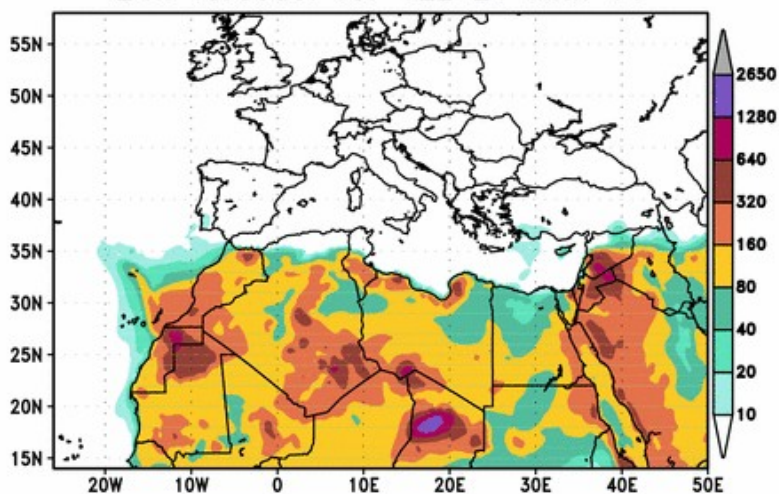


La ricostruzione modellistica effettuata con CHIMERE (ad opera di prev'air, Ministero della Repubblica Francese) mostra un aumento della concentrazione massima di O3.

PM10 Previsioni di trasporto a lunga distanza – Modello DREAM

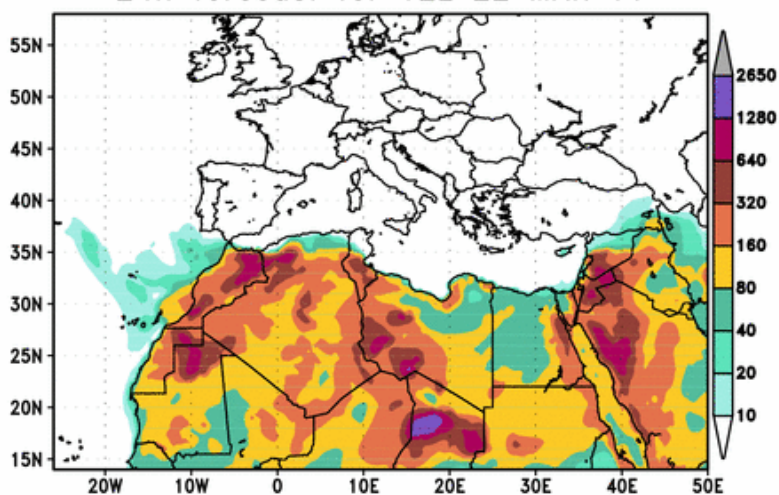
21/03/2011

BSC-DREAM8b Lowest Model Level Dust Conc. ($\mu\text{g}/\text{m}^3$)
24h forecast for 12z 21 MAR 11



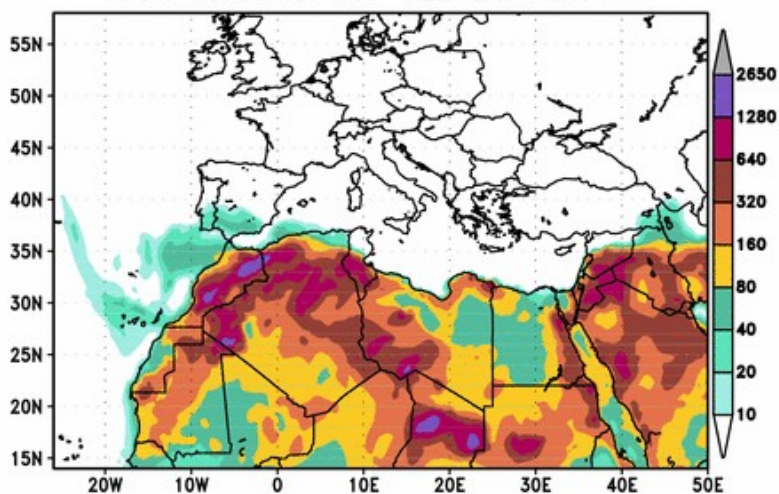
22/03/2011

BSC-DREAM8b Lowest Model Level Dust Conc. ($\mu\text{g}/\text{m}^3$)
24h forecast for 12z 22 MAR 11



23/03/2011

BSC-DREAM8b Lowest Model Level Dust Conc. ($\mu\text{g}/\text{m}^3$)
48h forecast for 12z 23 MAR 11



Non e' prevista l'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)

