



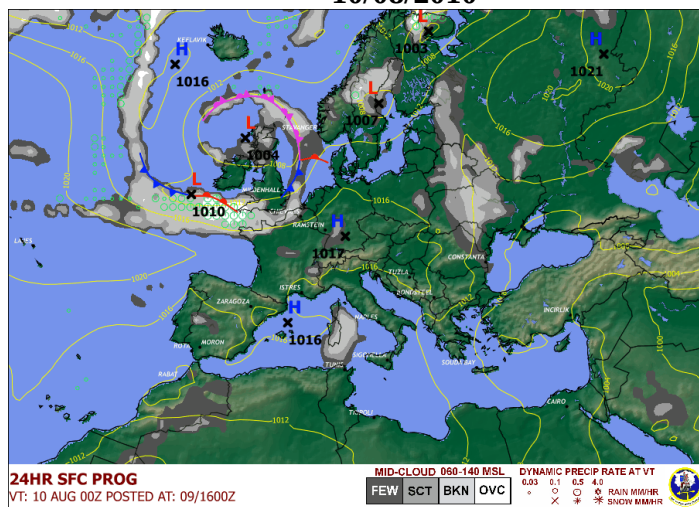
Bollettino Quotidiano
11 Agosto 2010

Centro Regionale della Qualità dell'Aria

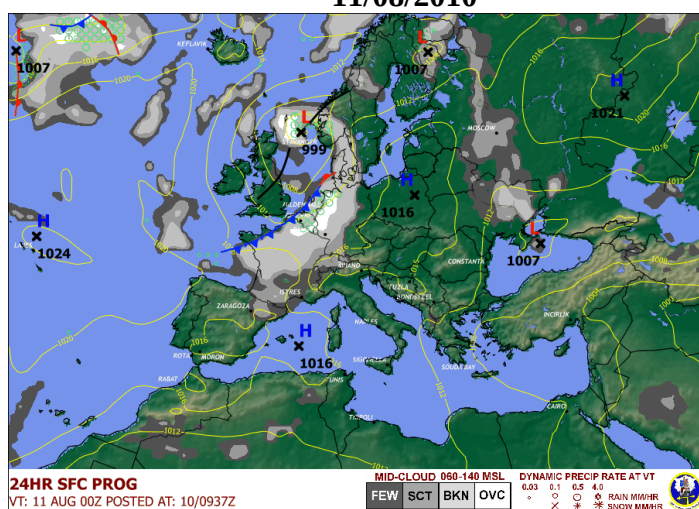
e-mail : craria@arpalazio.it

CENTRO REGIONALE DELLA QUALITA' DELL'ARIA (10, 11 e 12 Agosto 2010)

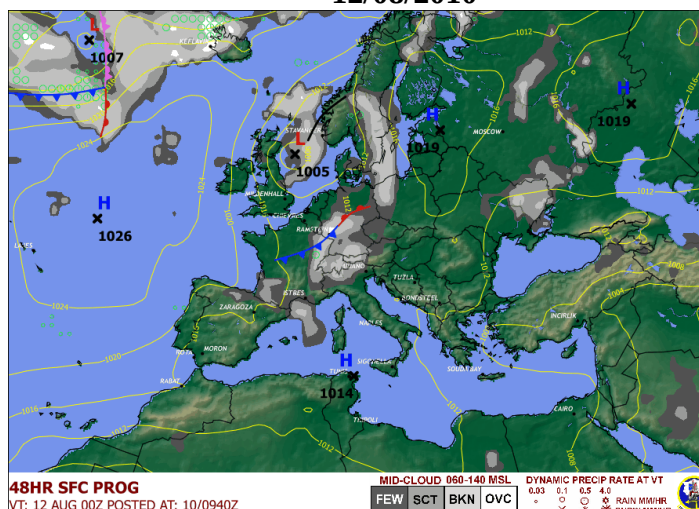
10/08/2010



11/08/2010



12/08/2010



Situazione meteorologica a grande scala

Nei prossimi giorni una vasta area depressionaria si farà più invadente al Centro-Nord, introducendo instabilità e maltempo

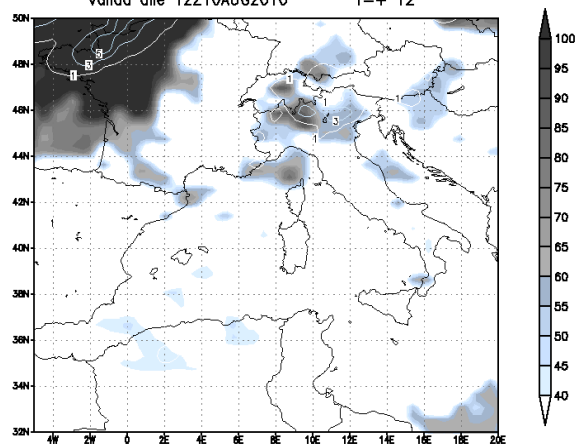
10/08/2010

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

Run del 00Z10AUG2010

Valida alle 12Z10AUG2010

T=+ 12



MetOffice per 3bmeteo.com

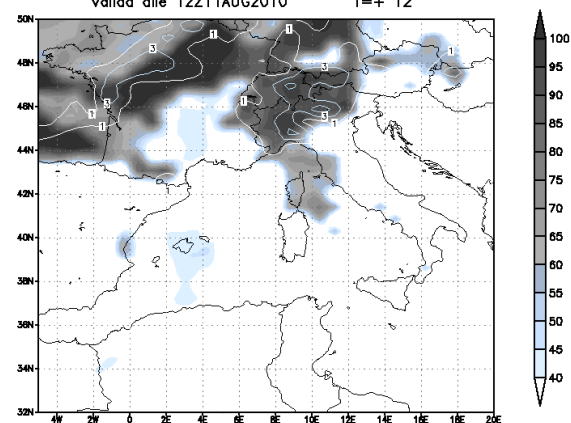
11/08/2010

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

Run del 00Z11AUG2010

Valida alle 12Z11AUG2010

T=+ 12



MetOffice per 3bmeteo.com

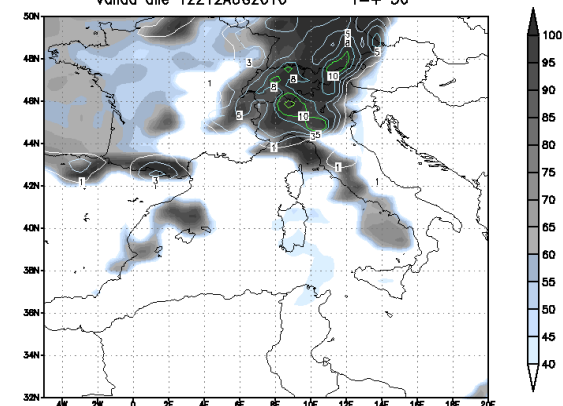
12/08/2010

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

Run del 00Z11AUG2010

Valida alle 12Z12AUG2010

T=+ 36



MetOffice per 3bmeteo.com

Copertura nuvolosa e precipitazione a grande scala

Il tempo comincerà a peggiorare determinando possibili precipitazioni anche sulle regioni del centro nord e sul Triveneto

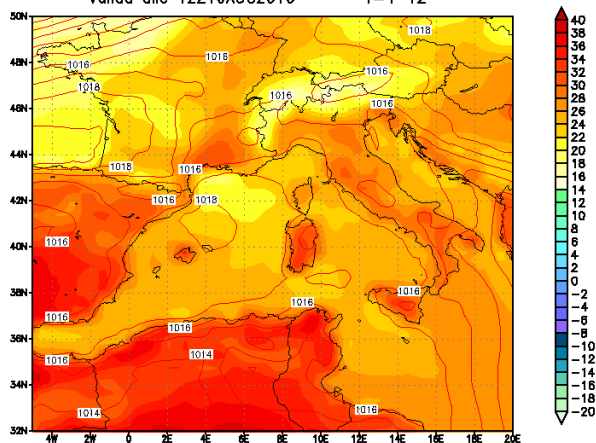
10/08/2010

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

Run del 00Z10AUG2010

Valida alle 12Z10AUG2010

T=+ 12



MetOffice per 3bmeteo.com

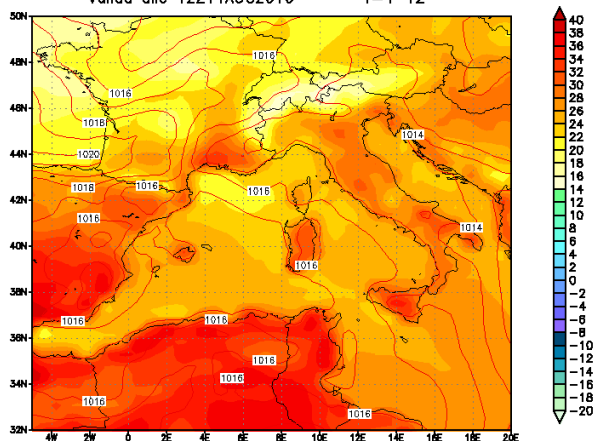
11/08/2010

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

Run del 00Z11AUG2010

Valida alle 12Z11AUG2010

T=+ 12



MetOffice per 3bmeteo.com

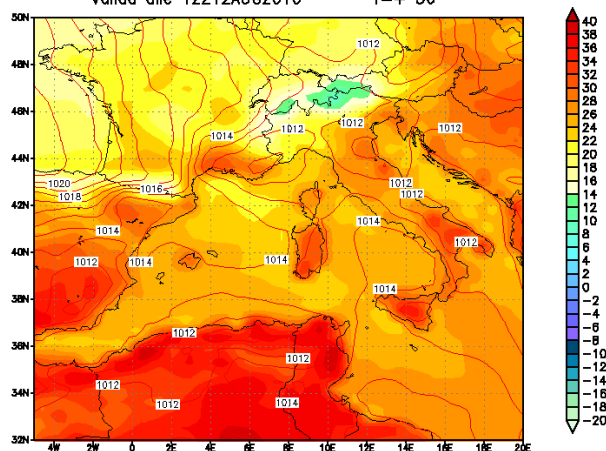
12/08/2010

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

Run del 00Z11AUG2010

Valida alle 12Z12AUG2010

T=+ 36



MetOffice per 3bmeteo.com

Campi di pressione e temperatura al suolo a grande scala

E' prevista una lieve diminuzione della temperatura.

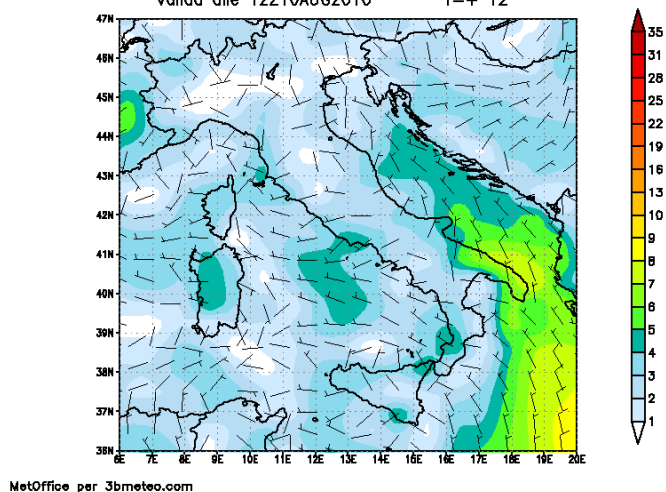
10/08/2010

Modello UKMO — Vento a 10 metri (m/s)

Run del 00Z10AUG2010

Valida alle 12Z10AUG2010

T=+ 12



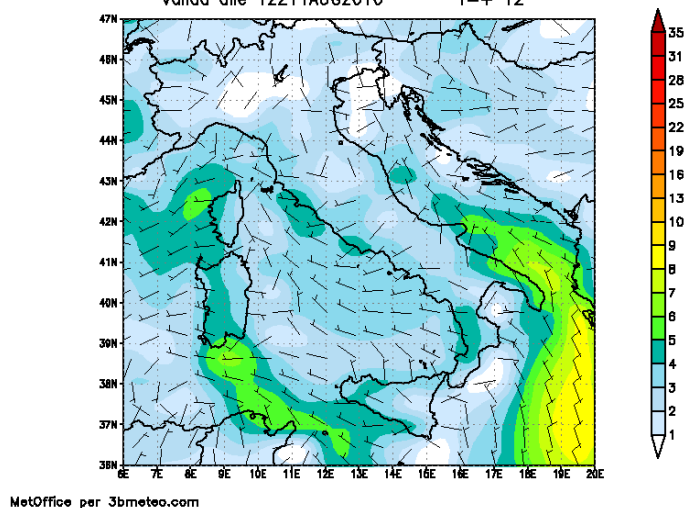
11/08/2010

Modello UKMO — Vento a 10 metri (m/s)

Run del 00Z11AUG2010

Valida alle 12Z11AUG2010

T=+ 12



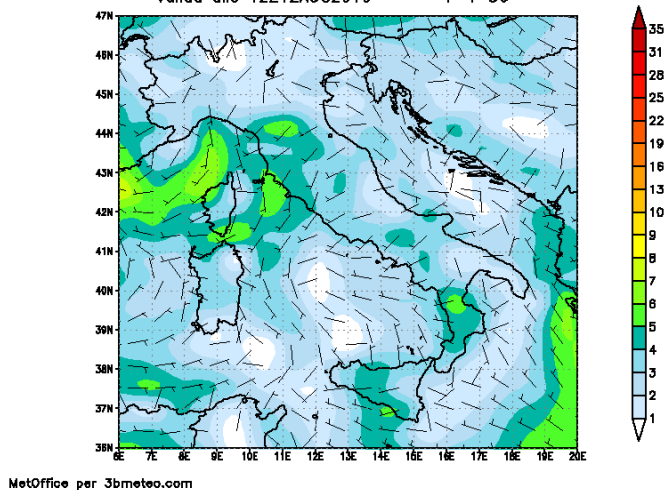
12/08/2010

Modello UKMO — Vento a 10 metri (m/s)

Run del 00Z11AUG2010

Valida alle 12Z12AUG2010

T=+ 36



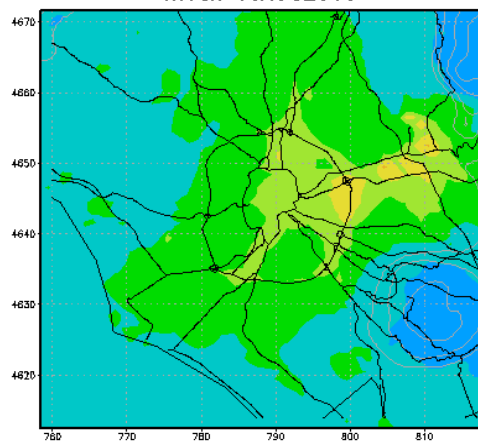
Campi di vento

E' previsto un lieve aumento dell'intensita' della velocita' dei venti.

PM10 media giornaliera prevista – Previsioni Arpalazio

10/08/2010

mean 10AUG2010



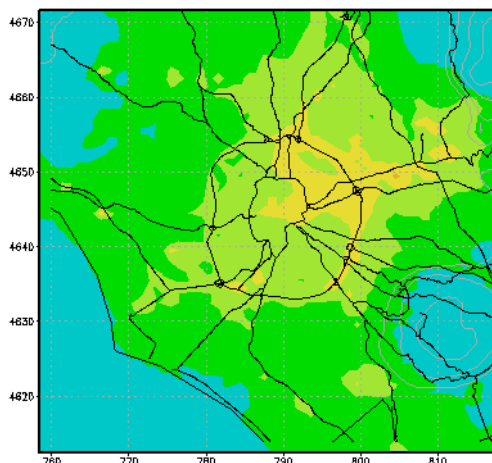
µg/m³

GRADIS: COLA/IGES

2010-08-10-10:00

11/08/2010

mean 11AUG2010



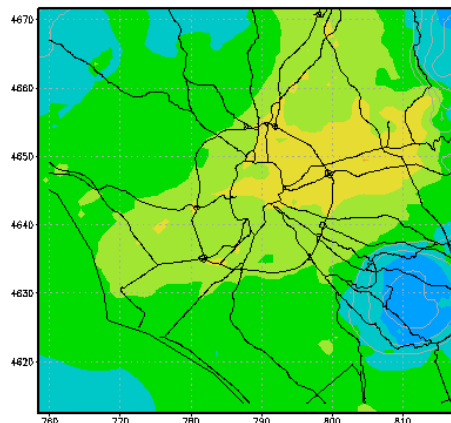
µg/m³

GRADIS: COLA/IGES

2010-08-11-10:00

12/08/2010

mean 12AUG2010



µg/m³

GRADIS: COLA/IGES

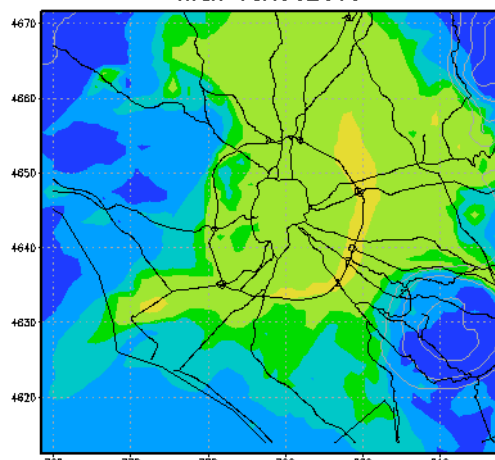
2010-08-11-11:00

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

NO2 – valore massimo previsto (ARPALAZIO)

10/08/2010

max 10AUG2010



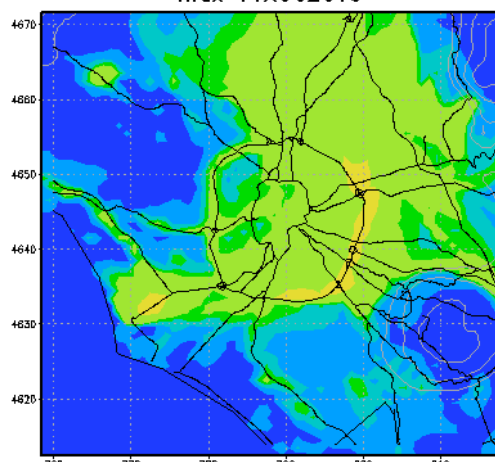
ug/m³

GRADS: COLLA/IGES

2010-08-10-19:28

11/08/2010

max 11AUG2010



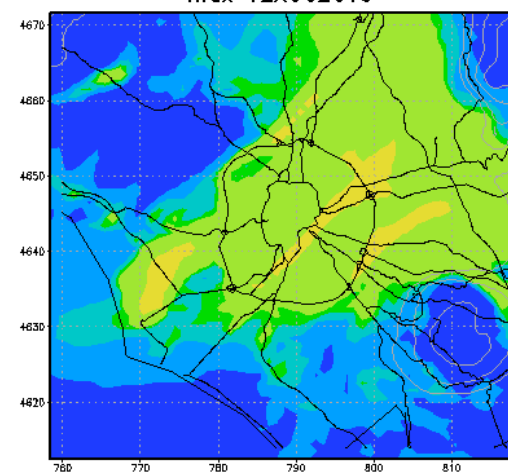
ug/m³

GRADS: COLLA/IGES

2010-08-11-19:20

12/08/2010

max 12AUG2010



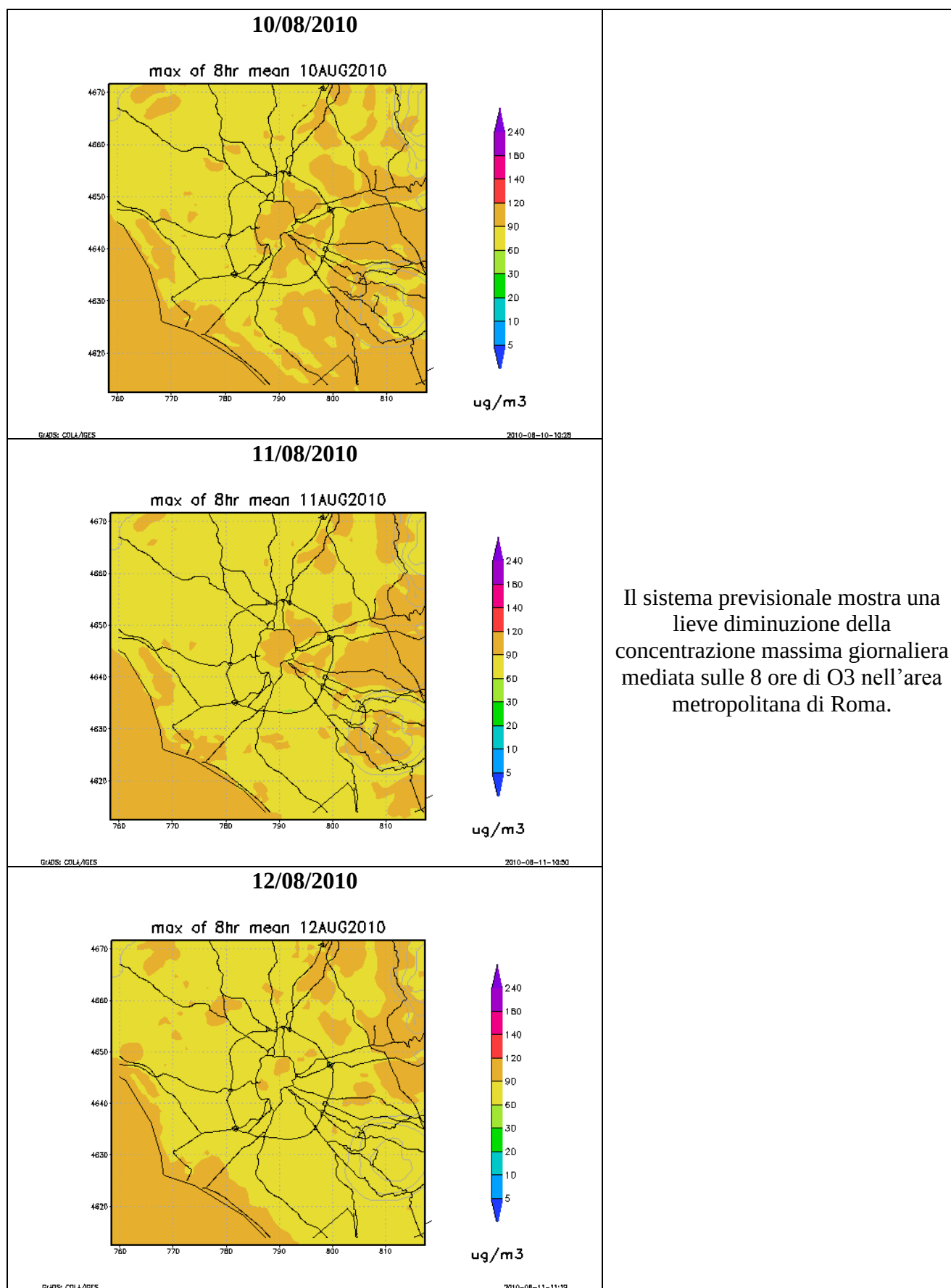
ug/m³

GRADS: COLLA/IGES

2010-08-11-11:20

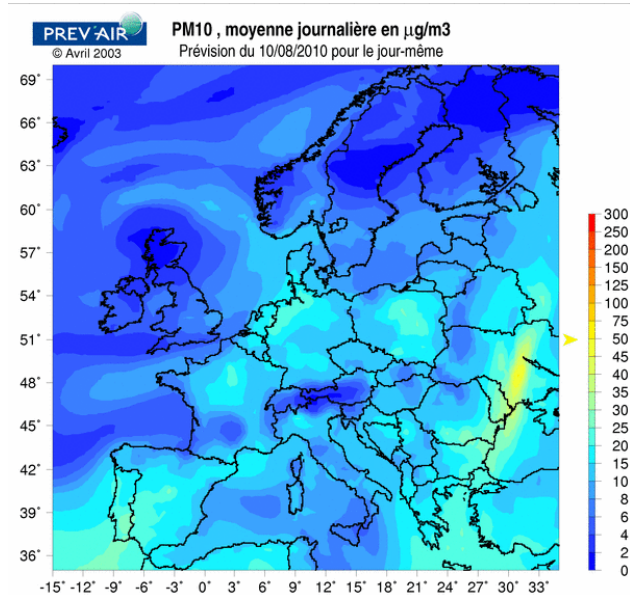
Il sistema previsionale mostra un lieve aumento della concentrazione massima giornaliera di NO2 nell'area metropolitana di Roma.

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

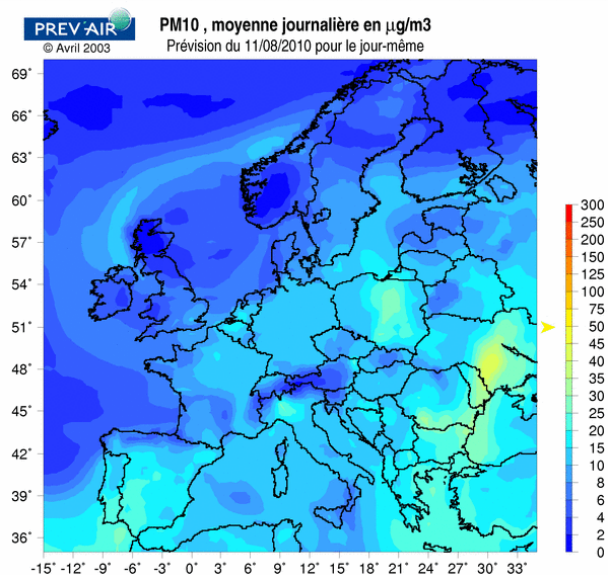


PM10 – Valore medio previsto (CHIMERE)

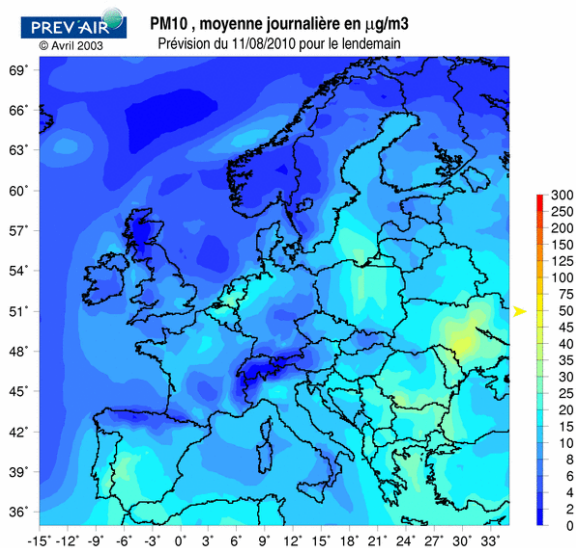
10/08/2010



11/08/2010



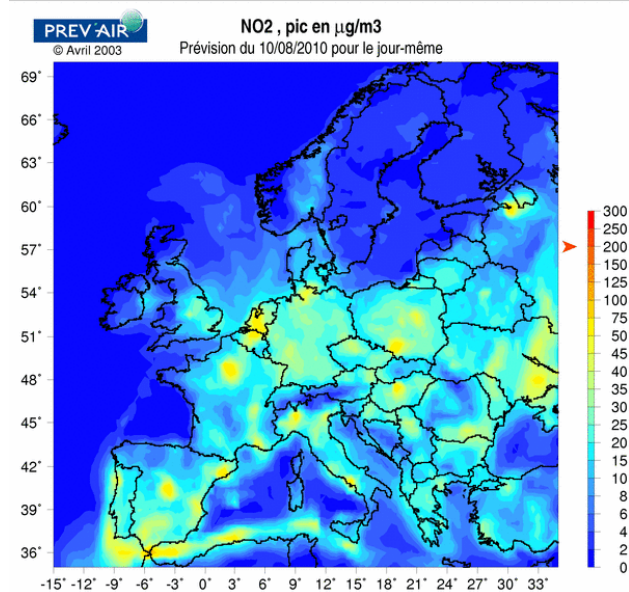
12/08/2010



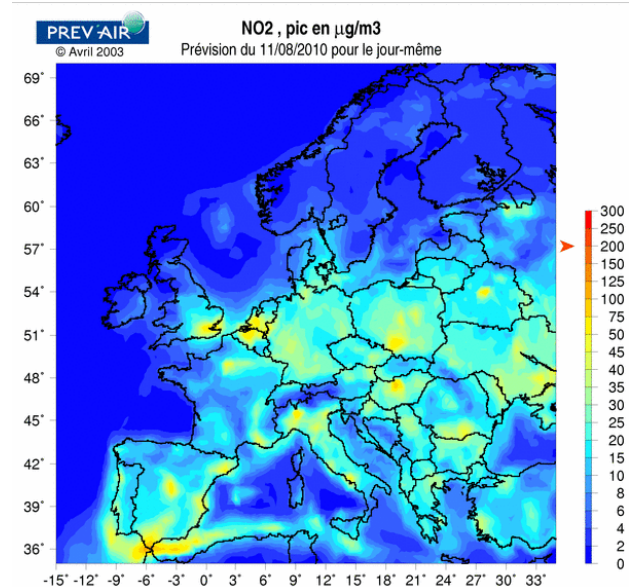
La ricostruzione modellistica effettuata con CHIMERE (ad opera di prev'air, Ministero della Repubblica Francese) mostra che la concentrazione media di PM10 si mantiene prevalentemente costante

NO₂– Valore massimo previsto (CHIMERE)

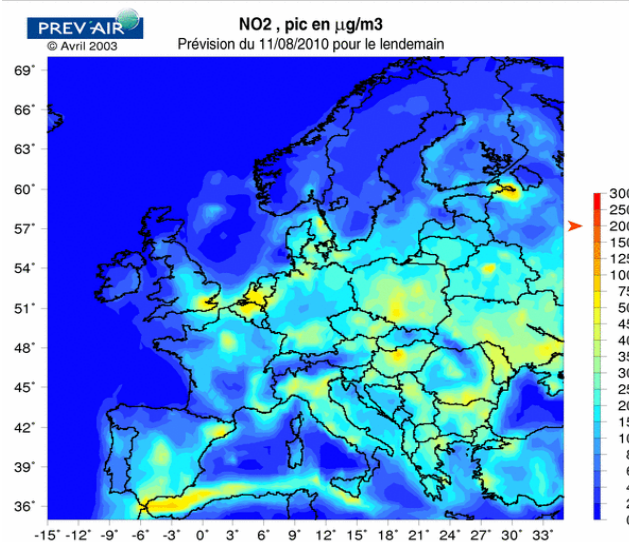
10/08/2010



11/08/2010



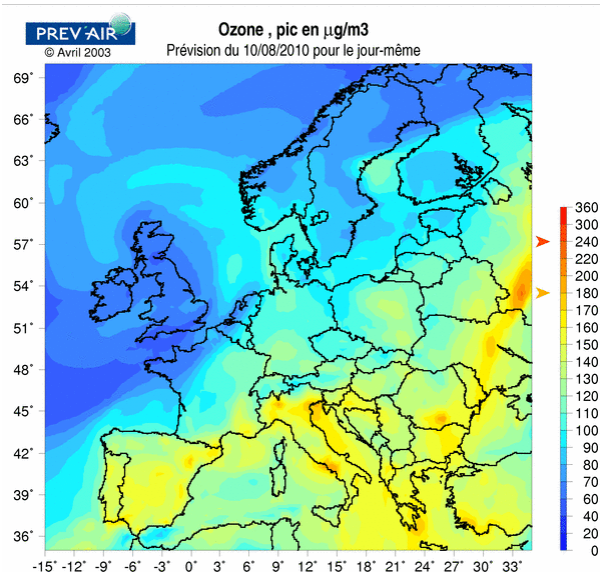
12/08/2010



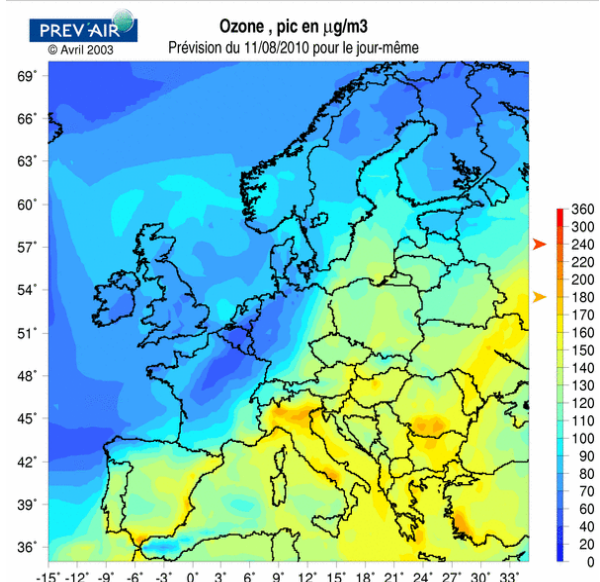
La ricostruzione modellistica effettuata con CHIMERE (ad opera di prev'air, Ministero della Repubblica Francese) non mostra importanti variazioni della concentrazione massima di NO₂

O3 – Valore massimo previsto (CHIMERE)

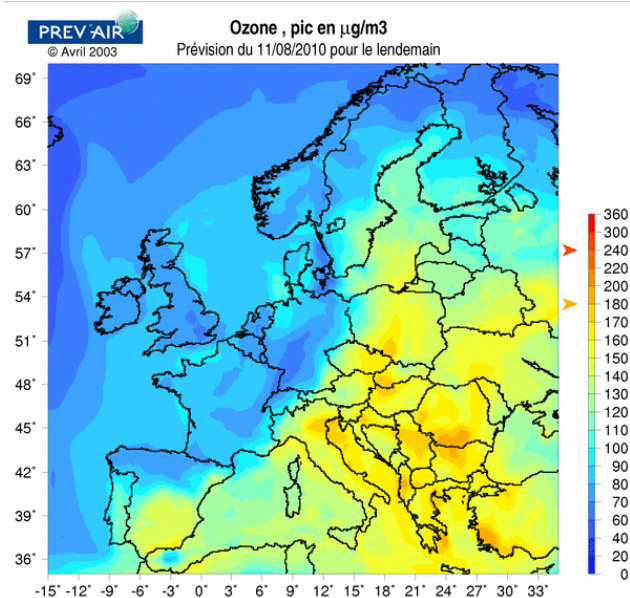
10/08/2010



11/08/2010



12/08/2010

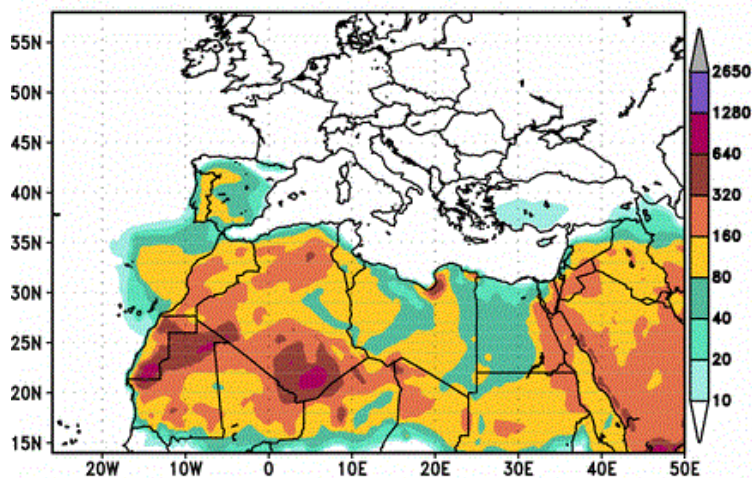


La ricostruzione modellistica effettuata con CHIMERE (ad opera di prev'air, Ministero della Repubblica Francese) mostra una lieve diminuzione della concentrazione massima di O3.

PM10 Previsioni di trasporto a lunga distanza – Modello DREAM

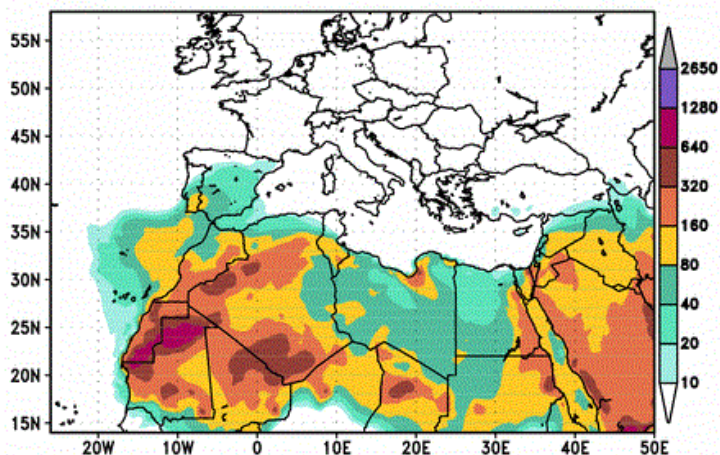
10/08/2010

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



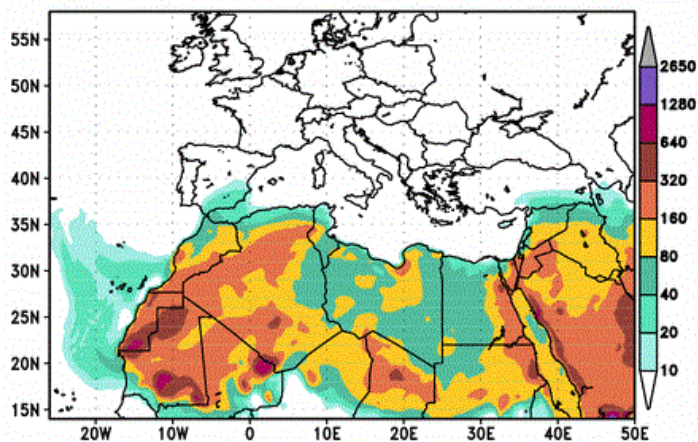
11/08/2010

BSC-DREAM8b Lowest Model Level Dust Conc. ($\mu\text{g}/\text{m}^3$)
24h forecast for 12z 11 AUG 10



12/08/2010

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



Non e' 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)**

