



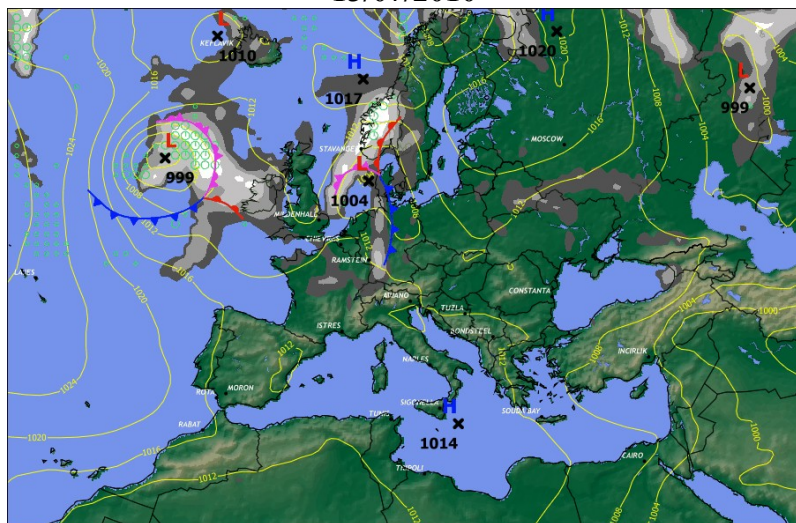
Bollettino Quotidiano
14 Luglio 2010

Centro Regionale della Qualità dell'Aria

e-mail : craria@arpalazio.it

CENTRO REGIONALE DELLA QUALITA' DELL'ARIA (13, 14 e 15 Luglio 2010)

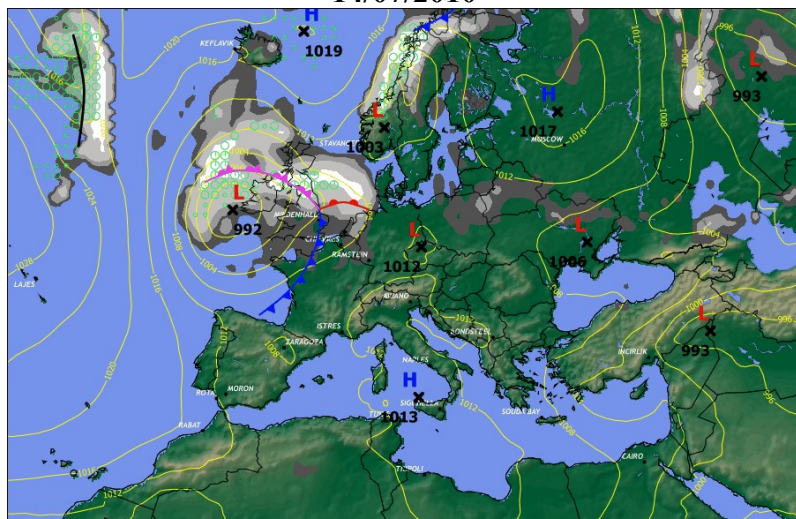
13/07/2010



24HR SFC PROG

VT: 13 JUL 00Z POSTED AT: 12/0746Z

14/07/2010



24HR SFC PROG

VT: 14 JUL 00Z POSTED AT: 13/0943Z

MID-CLOUD 060-140 MSL

FEW SCT BKN OVC

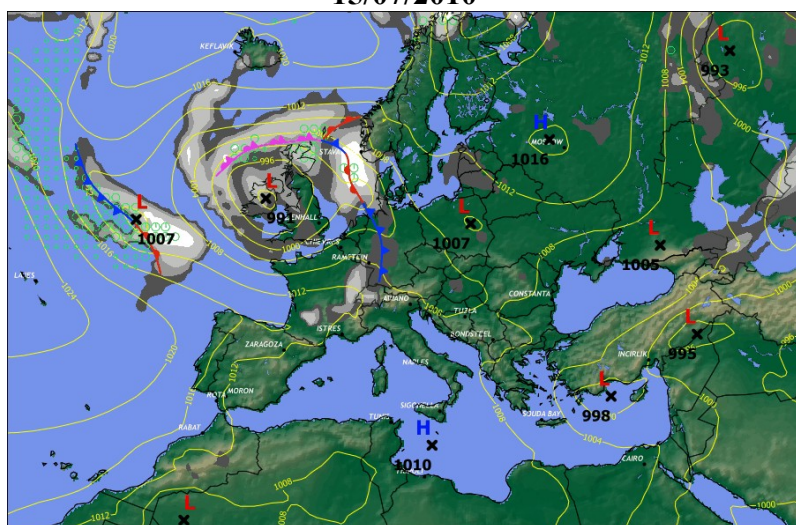
DYNAMIC PRECIP RATE AT VT

0.05 0.1 0.5 4.0

RAIN MM/HR

SNOW MM/HR

15/07/2010



48HR SFC PROG

VT: 15 JUL 00Z POSTED AT: 13/1015Z

Situazione meteorologica a grande scala

Nei prossimi giorni sono previste condizioni di prevalente bel tempo sull'Italia Centrale.

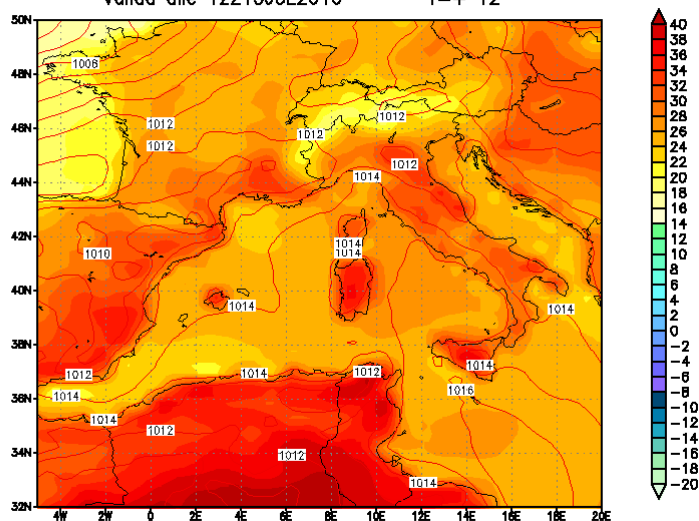
13/07/2010

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

Run del 00Z13JUL2010

Valida alle 12Z13JUL2010

T=+ 12



MetOffice per 3bmeteo.com

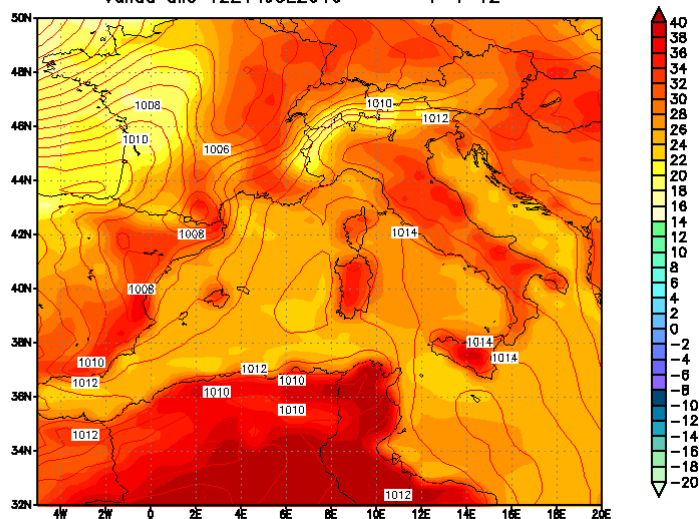
14/07/2010

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

Run del 00Z14JUL2010

Valida alle 12Z14JUL2010

T=+ 12



MetOffice per 3bmeteo.com

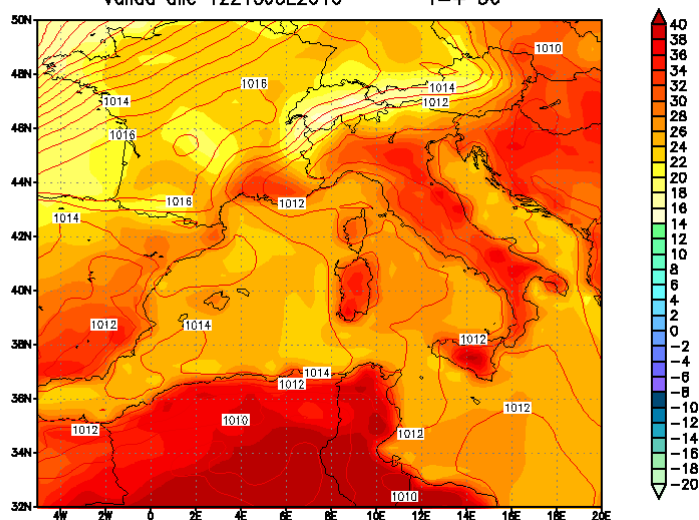
15/07/2010

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

Run del 00Z14JUL2010

Valida alle 12Z15JUL2010

T=+ 36



MetOffice per 3bmeteo.com

Campi di pressione e temperatura al suolo a grande scala

E' previsto un lieve aumento della temperatura.

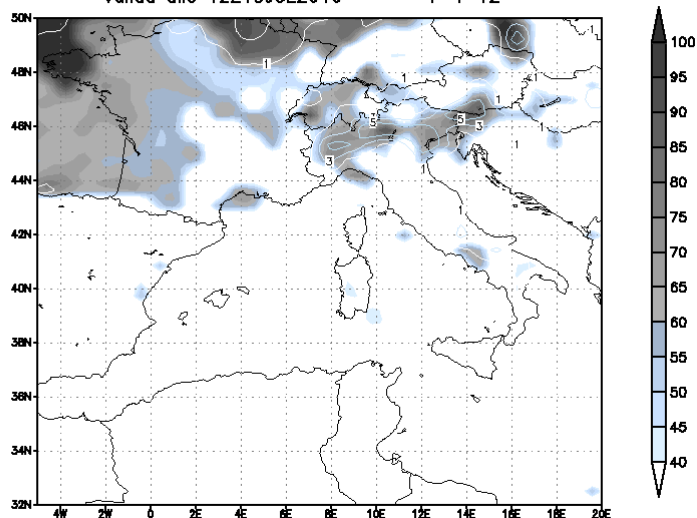
13/07/2010

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

Run del 00Z13JUL2010

Valida alle 12Z13JUL2010

T=+ 12



MetOffice per 3bmeteo.com

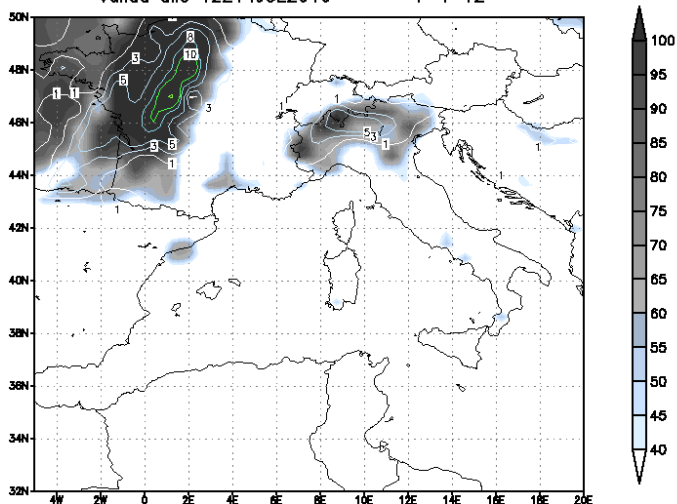
14/07/2010

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

Run del 00Z14JUL2010

Valida alle 12Z14JUL2010

T=+ 12



MetOffice per 3bmeteo.com

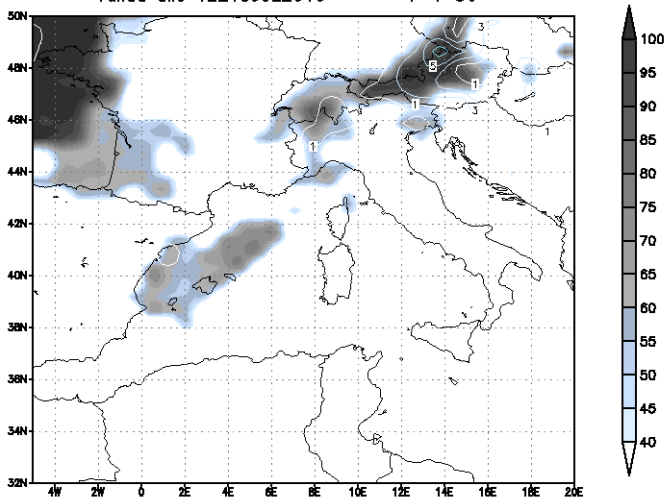
15/07/2010

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

Run del 00Z14JUL2010

Valida alle 12Z15JUL2010

T=+ 36



MetOffice per 3bmeteo.com

Copertura nuvolosa e precipitazione
a grande scala

Scarsa la presenza di nubi sulle
regioni del Centro Italia.

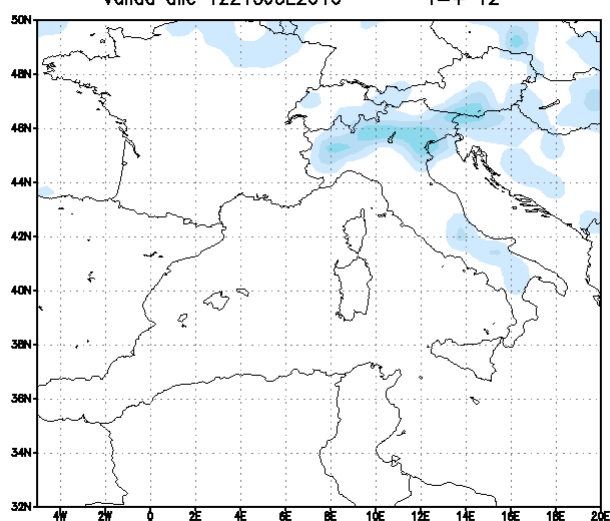
13/07/2010

Modello UKMO — Precipitazione cumulata in 6h (mm)

Run del 00Z13JUL2010

Valida alle 12Z13JUL2010

T=+ 12



MetOffice per 3bmeteo.com

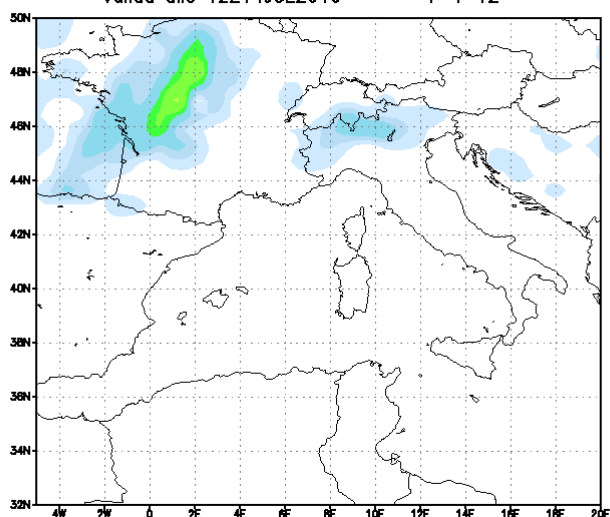
14/07/2010

Modello UKMO — Precipitazione cumulata in 6h (mm)

Run del 00Z14JUL2010

Valida alle 12Z14JUL2010

T=+ 12



MetOffice per 3bmeteo.com

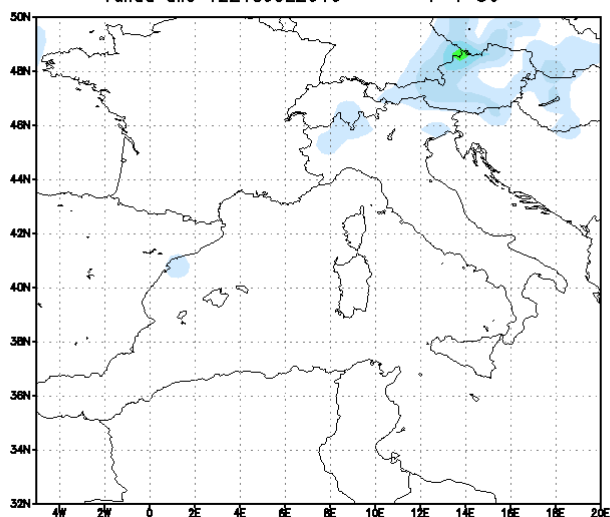
15/07/2010

Modello UKMO — Precipitazione cumulata in 6h (mm)

Run del 00Z14JUL2010

Valida alle 12Z15JUL2010

T=+ 36



MetOffice per 3bmeteo.com

Precipitazione a grande scala

Non sono previste precipitazioni
nelle regioni centrali dell'Italia per i
prossimi giorni.

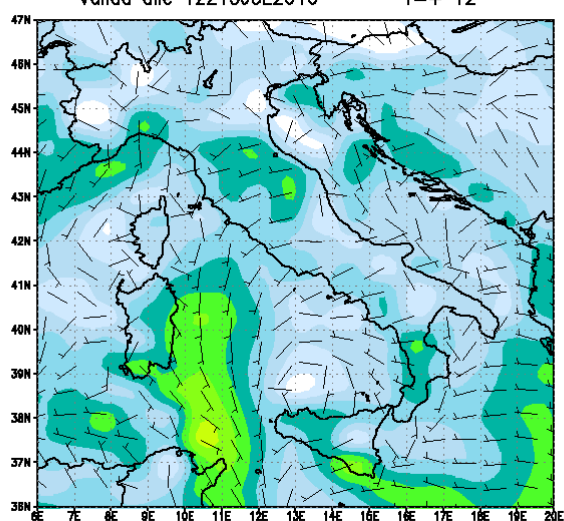
13/07/2010

Modello UKMO — Vento a 10 metri (m/s)

Run del 00Z13JUL2010

Valida alle 12Z13JUL2010

T=+ 12



MetOffice per 3bmeteo.com

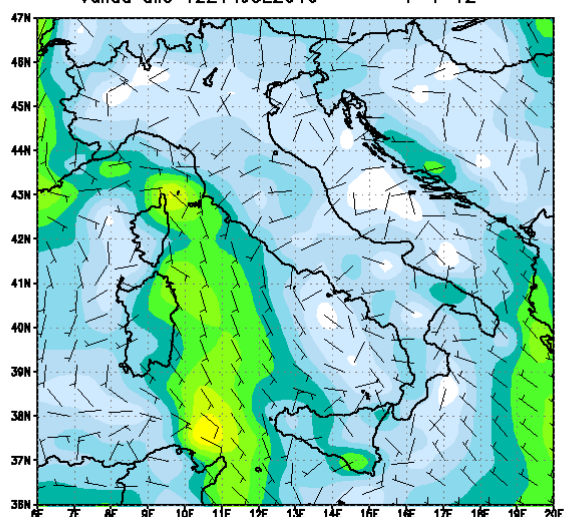
14/07/2010

Modello UKMO — Vento a 10 metri (m/s)

Run del 00Z14JUL2010

Valida alle 12Z14JUL2010

T=+ 12



MetOffice per 3bmeteo.com

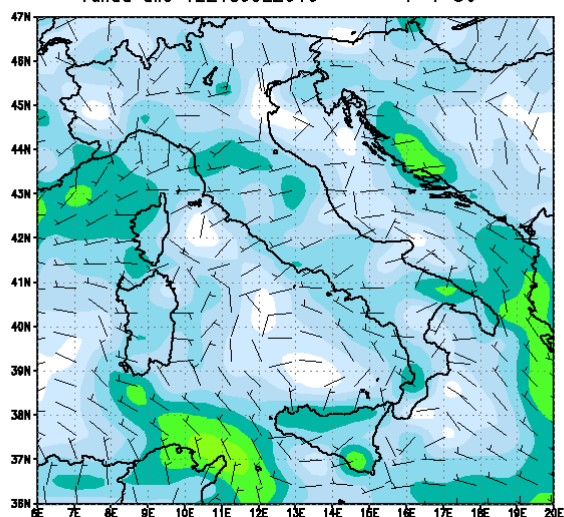
15/07/2010

Modello UKMO — Vento a 10 metri (m/s)

Run del 00Z14JUL2010

Valida alle 12Z15JUL2010

T=+ 36



MetOffice per 3bmeteo.com

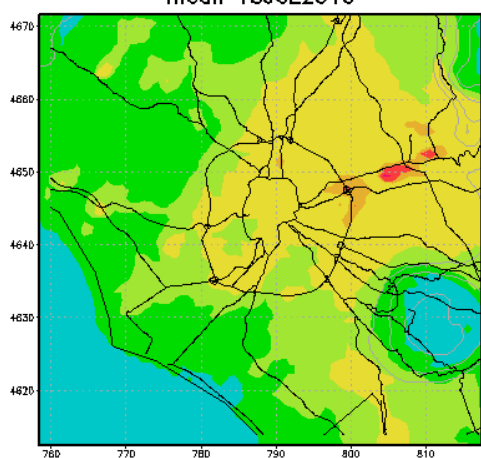
Campi di vento

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

PM10 media giornaliera prevista – Previsioni Arpalazio

13/07/2010

mean 13JUL2010



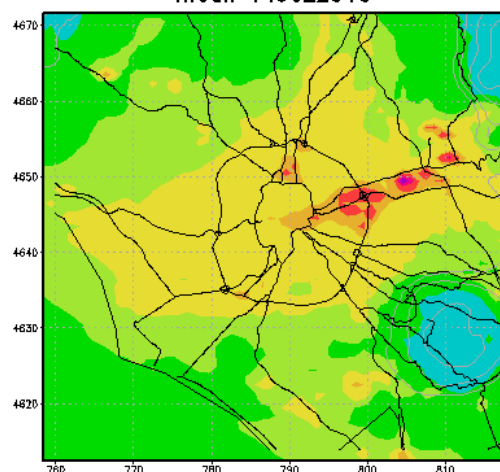
µg/m³

GIS/RS: COLA/IGES

2010-07-13-10:23

14/07/2010

mean 14JUL2010



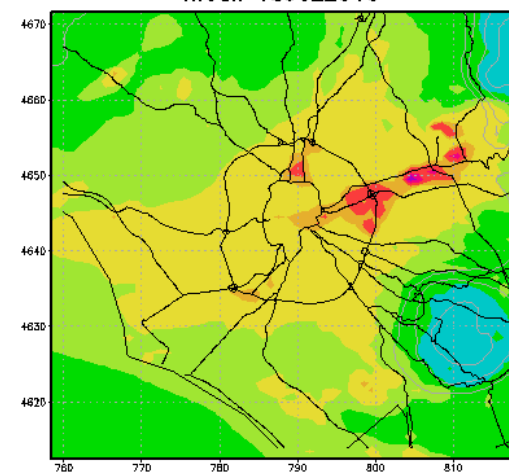
µg/m³

GIS/RS: COLA/IGES

2010-07-14-10:09

15/07/2010

mean 15JUL2010



µg/m³

GIS/RS: COLA/IGES

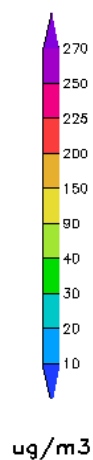
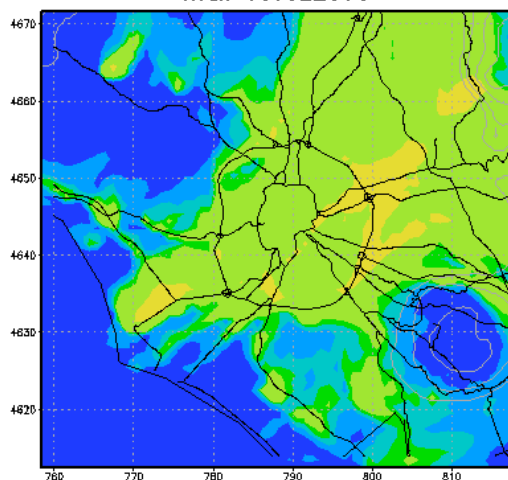
2010-07-14-10:47

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

NO2 – valore massimo previsto (ARPALAZIO)

13/07/2010

max 13JUL2010

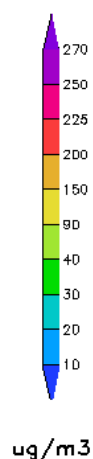
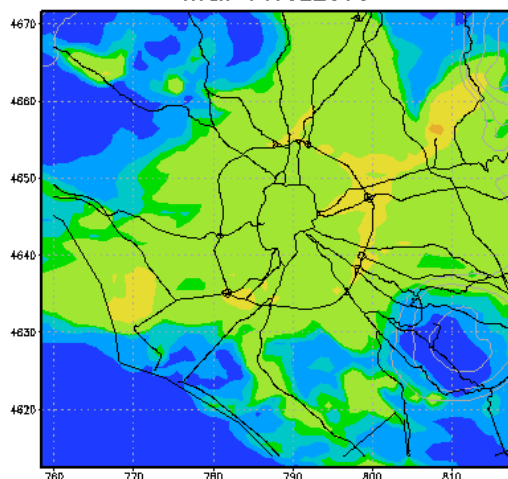


GRADS: COLLA/IGES

2010-07-13-10:23

14/07/2010

max 14JUL2010

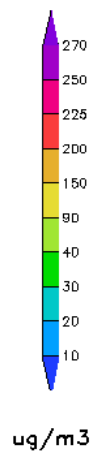
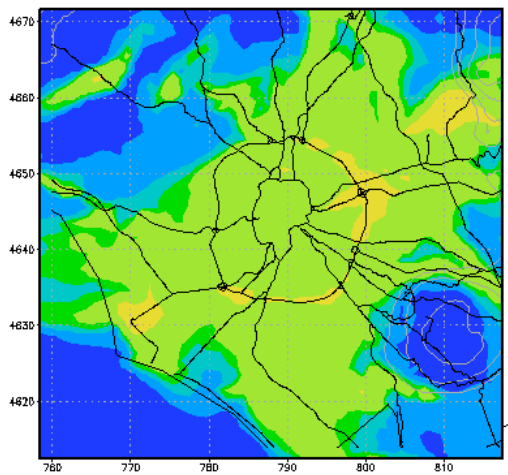


GRADS: COLLA/IGES

2010-07-14-10:09

15/07/2010

max 15JUL2010



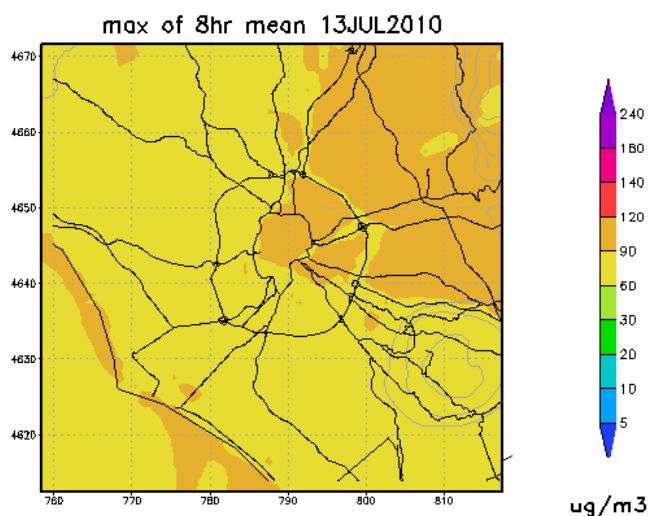
GRADS: COLLA/IGES

2010-07-14-10:47

Il sistema previsionale 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)

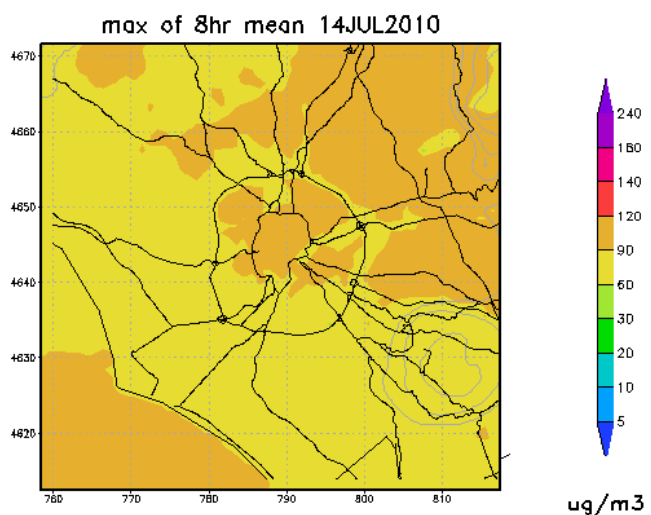
13/07/2010



GIS: COLA/IGES

2010-07-13-10:23

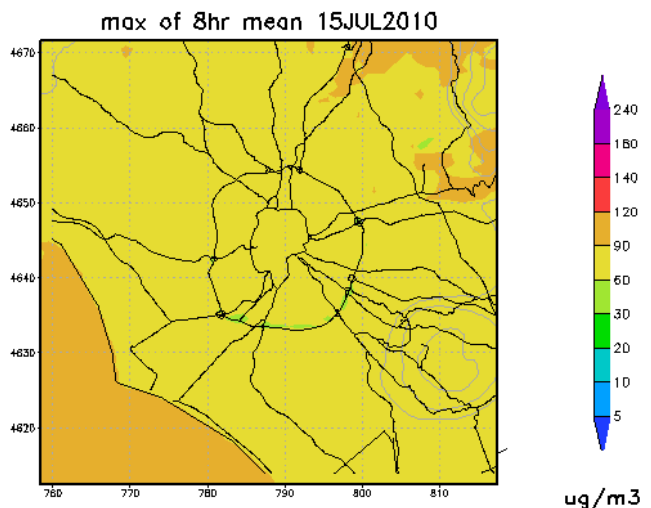
14/07/2010



GIS: COLA/IGES

2010-07-14-10:08

15/07/2010



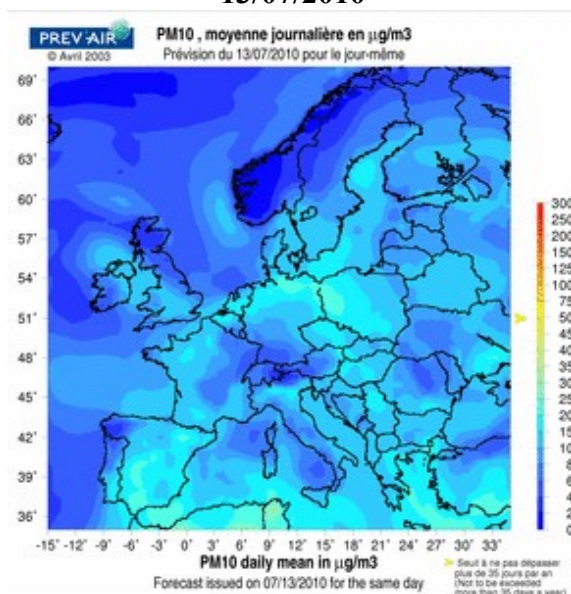
GIS: COLA/IGES

2010-07-14-10:47

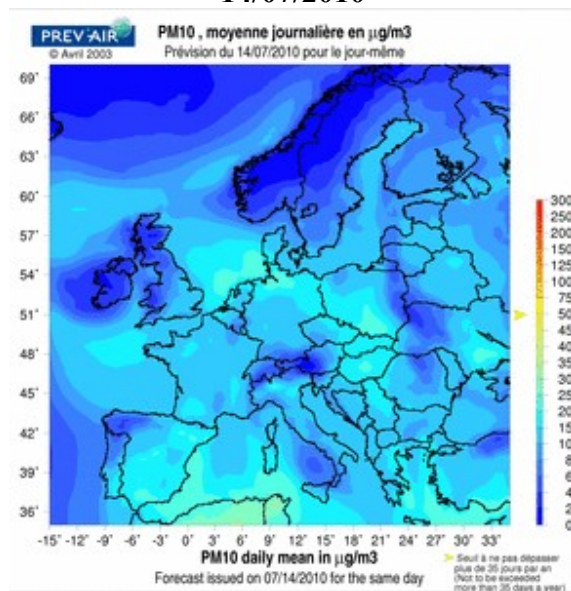
Il sistema previsionale mostra una riduzione della concentrazione massima giornaliera mediata sulle 8 ore di O₃ nell'area metropolitana di Roma.

PM10 – Valore medio previsto (CHIMERE)

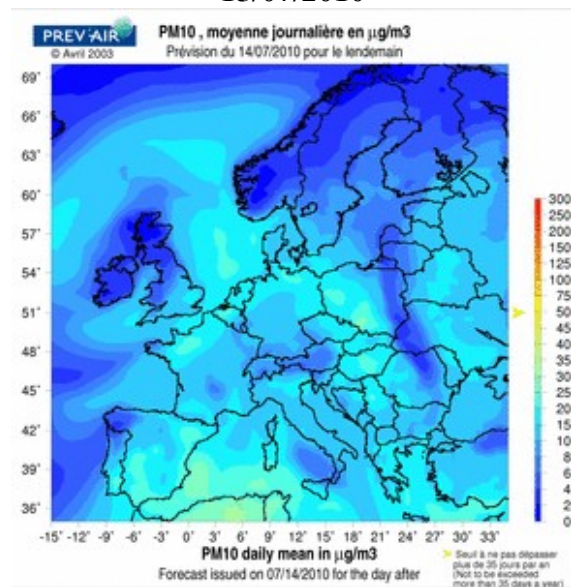
13/07/2010



14/07/2010



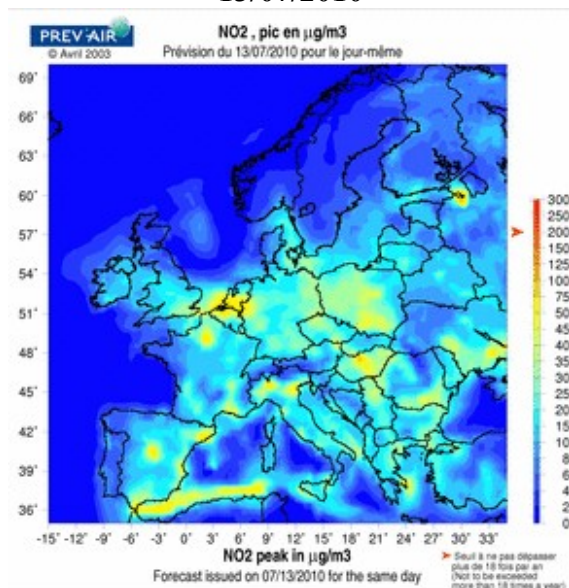
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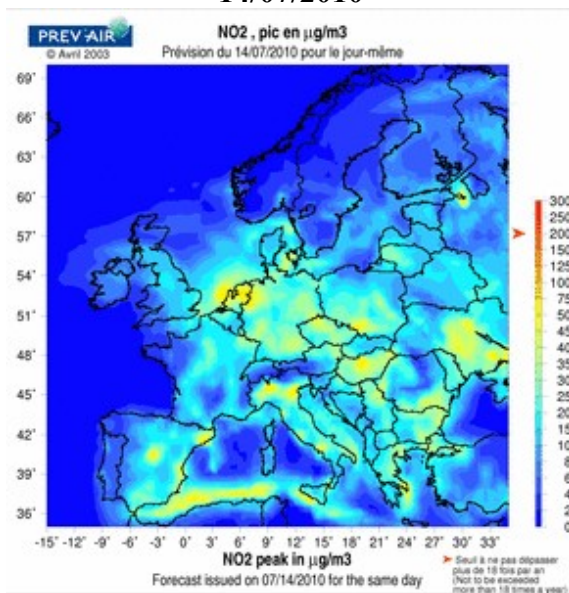
La ricostruzione modellistica effettuata con CHIMERE (ad opera di prev'air, Ministero della Repubblica Francese) mostra una lieve riduzione della concentrazione media di PM10.

NO2 – Valore massimo previsto (CHIMERE)

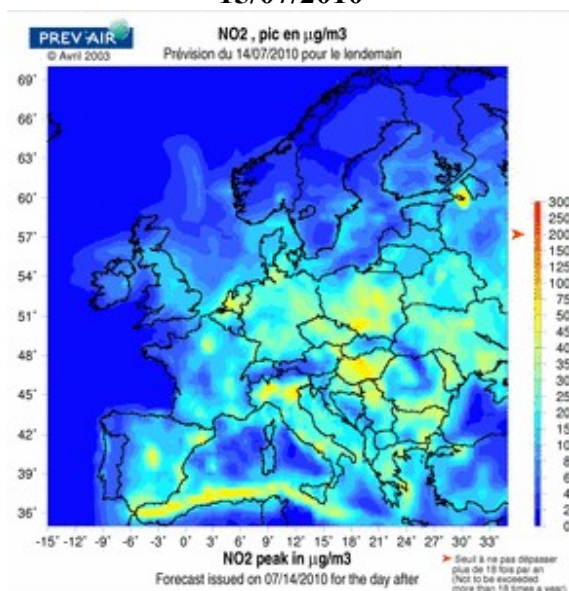
13/07/2010



14/07/2010



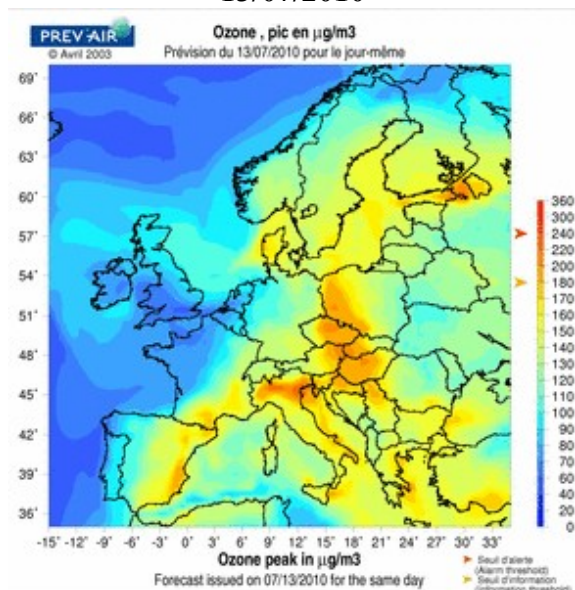
15/07/2010



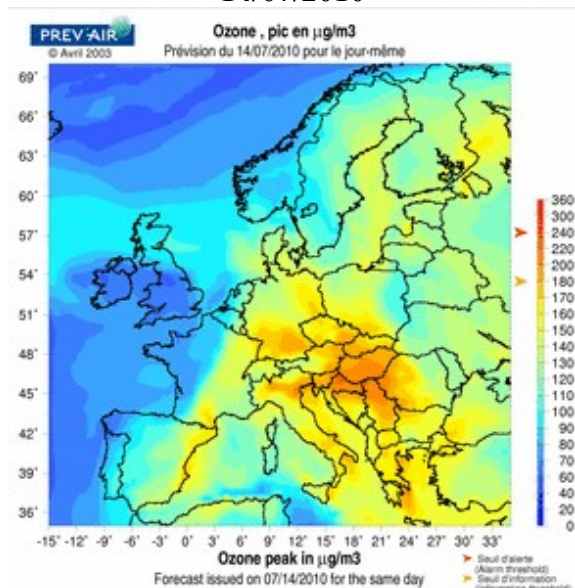
La ricostruzione modellistica effettuata con CHIMERE (ad opera di prev'air, Ministero della Repubblica Francese) non mostra importanti variazioni della concentrazione massima di NO2

O3 – Valore massimo previsto (CHIMERE)

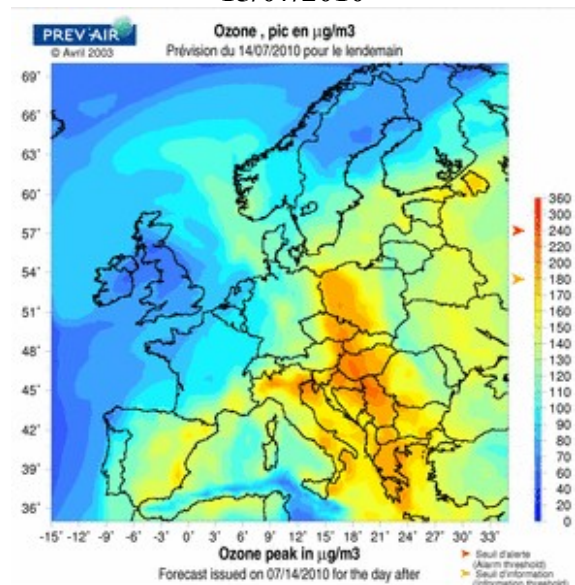
13/07/2010



14/07/2010



15/07/2010

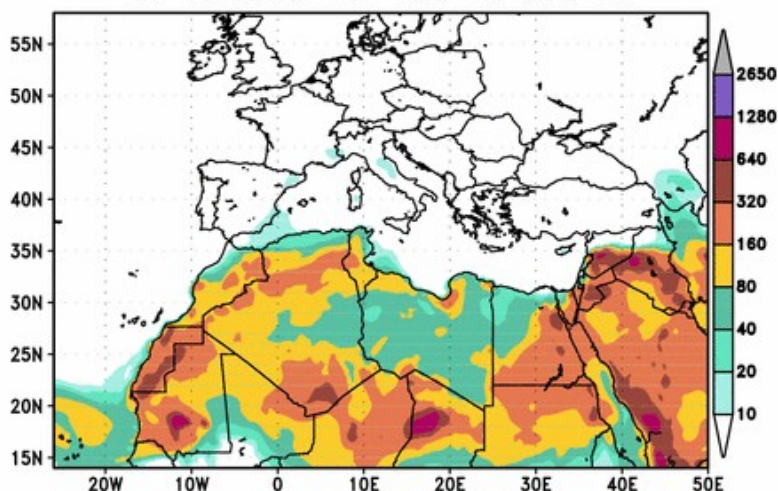


La ricostruzione modellistica effettuata con CHIMERE (ad opera di prev'air, Ministero della Repubblica Francese) non mostra importanti variazioni della concentrazione massima di O3.

PM10 Previsioni di trasporto a lunga distanza – Modello DREAM

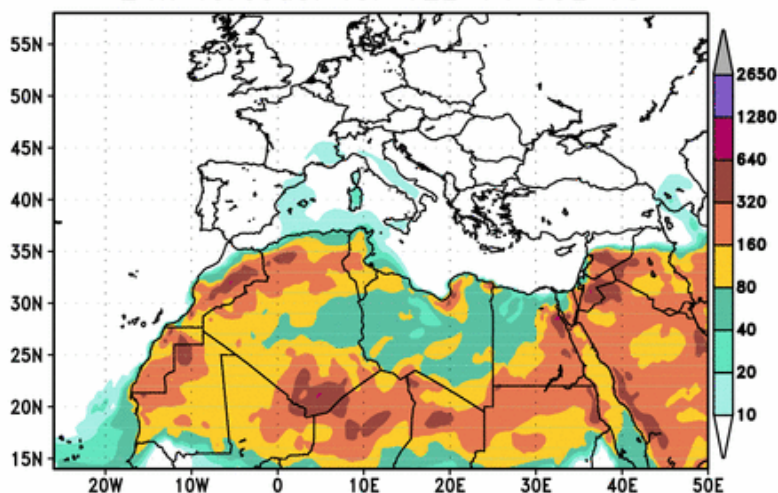
13/07/2010

BSC-DREAM8b Lowest Model Level Dust Conc. ($\mu\text{g}/\text{m}^3$)
0h forecast for 12z 13 JUL 10



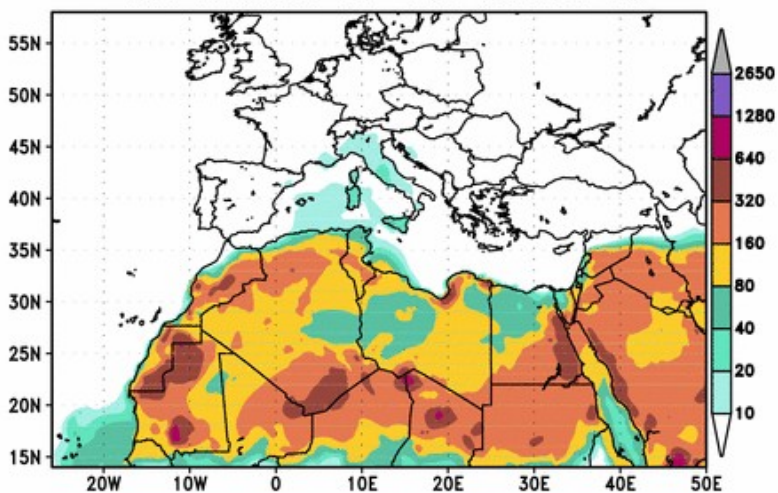
14/07/2010

BSC-DREAM8b Lowest Model Level Dust Conc. ($\mu\text{g}/\text{m}^3$)
24h forecast for 12z 14 JUL 10



15/07/2010

BSC-DREAM8b Lowest Model Level Dust Conc. ($\mu\text{g}/\text{m}^3$)
48h forecast for 12z 15 JUL 10



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 (ARPA LAZIO)

