



Bollettino Quotidiano
27 Gennaio 2011

Centro Regionale della Qualità dell'Aria

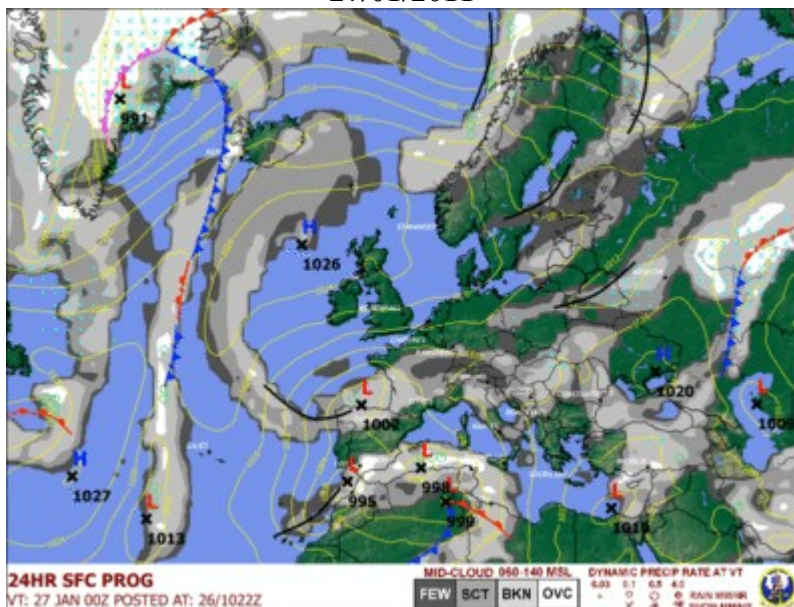
e-mail : craria@arpalazio.it

CENTRO REGIONALE DELLA QUALITA' DELL'ARIA (26, 27 e 28 Gennaio 2011)

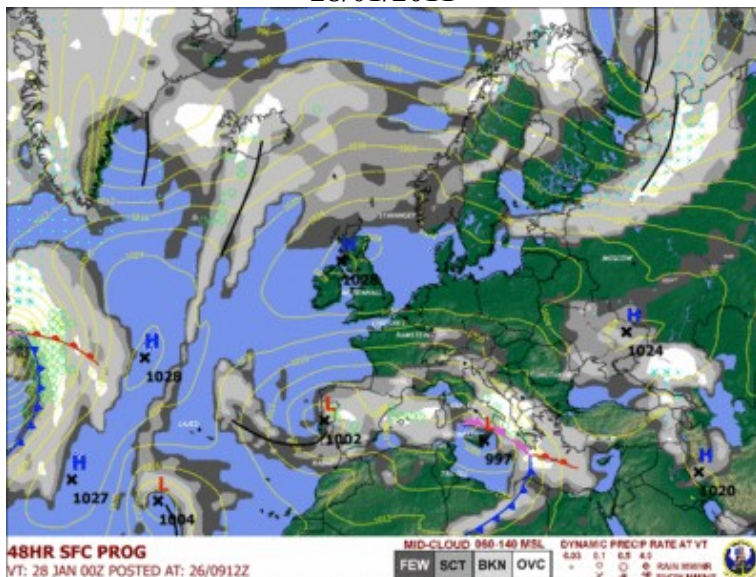
26/01/2011



27/01/2011



28/01/2011



Situazione meteorologica a grande scala

Peggiora al Sud con piogge e rovesci sparsi, in serata anche sulle adriatiche; nuvoloso altrove ma con schiarite via via più ampie sulle tirreniche e ancora qualche fiocco di neve al mattino su Valpadana centro-occidentale, ma in esaurimento.

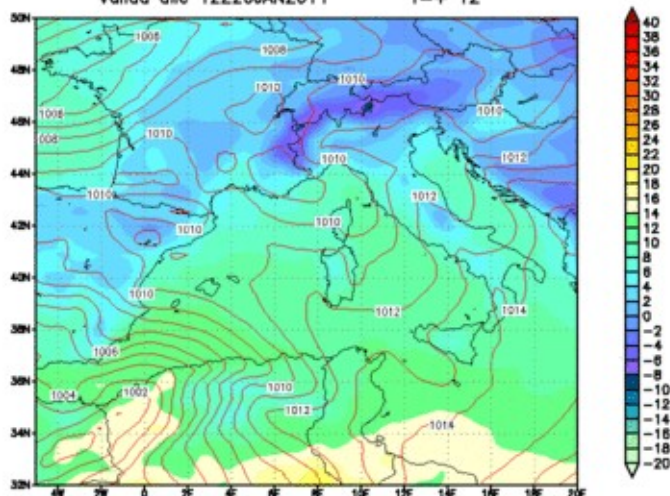
26/01/2011

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

Run del 00Z25JAN2011

Valida alle 12Z26JAN2011

T=+ 12



MetOffice per 3bmeteo.com

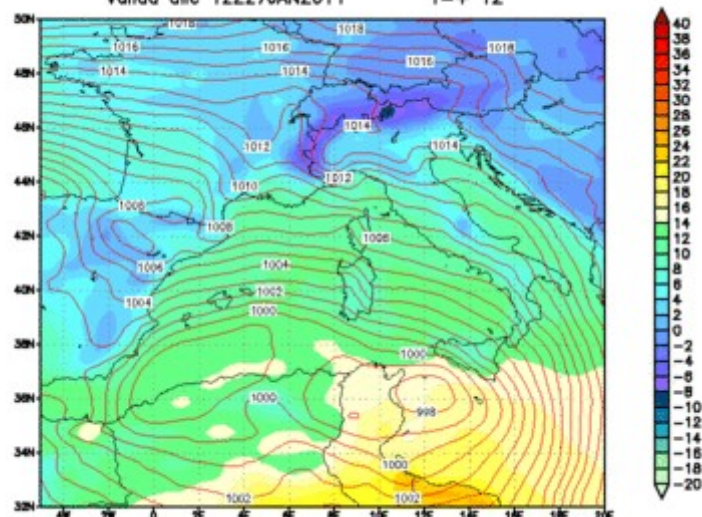
27/01/2011

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

Run del 00Z27JAN2011

Valida alle 12Z27JAN2011

T=+ 12



MetOffice per 3bmeteo.com

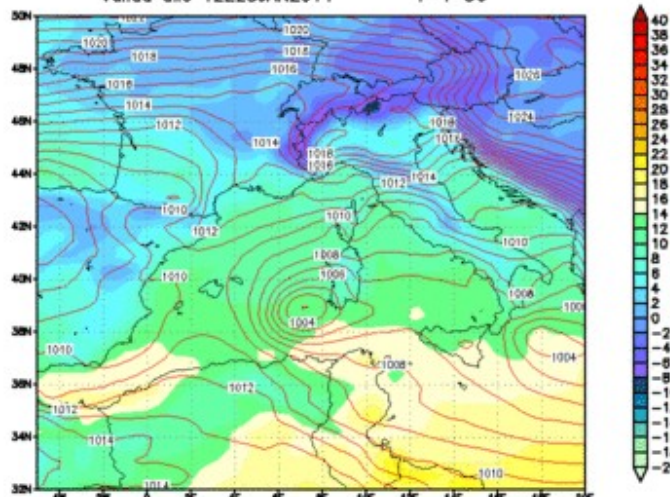
28/01/2011

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

Run del 00Z27JAN2011

Valida alle 12Z28JAN2011

T=+ 36



MetOffice per 3bmeteo.com

Campi di pressione e temperatura al suolo a grande scala

Prevista una lieve diminuzione delle temperature.

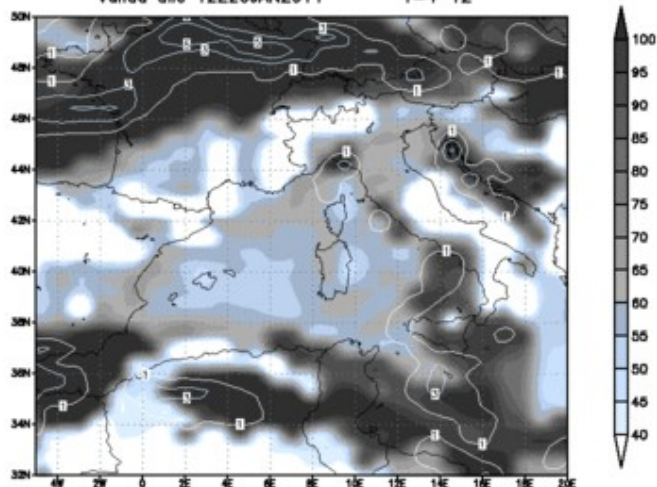
26/01/2011

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

Run del 00Z25JAN2011

Valida alle 12Z25JAN2011

T=+ 12



MetOffice per 3bmeteo.com

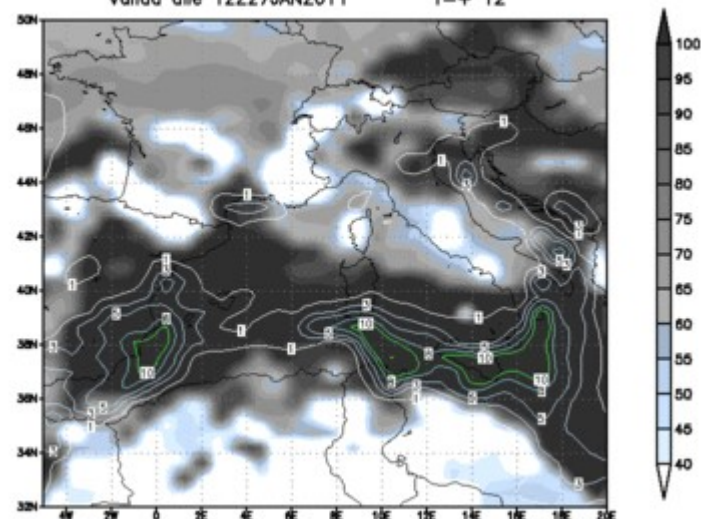
27/01/2011

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

Run del 00Z27JAN2011

Valida alle 12Z27JAN2011

T=+ 12



MetOffice per 3bmeteo.com

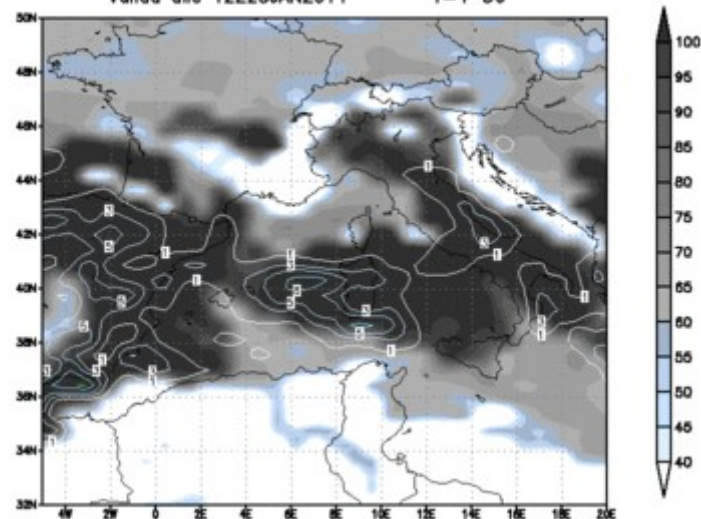
28/01/2011

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

Run del 00Z27JAN2011

Valida alle 12Z28JAN2011

T=+ 36



MetOffice per 3bmeteo.com

Copertura nuvolosa e precipitazione a grande scala

E' prevista un forte aumento della nuvolosità nelle regioni del centro - Italia.

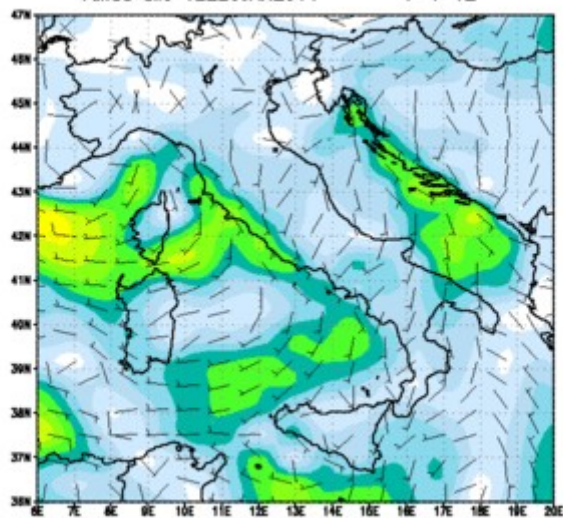
26/01/2011

Modello UKMO – Vento a 10 metri (m/s)

Run del 00Z26JAN2011

Valida alle 12Z26JAN2011

T=+ 12



MetOffice per 3bmeteo.com

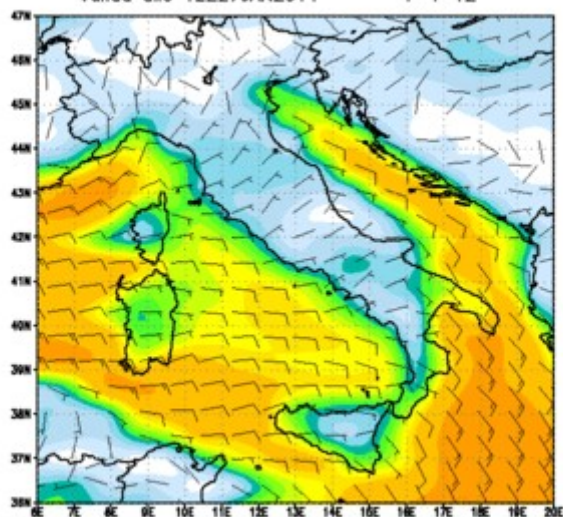
27/01/2011

Modello UKMO – Vento a 10 metri (m/s)

Run del 00Z27JAN2011

Valida alle 12Z27JAN2011

T=+ 12



MetOffice per 3bmeteo.com

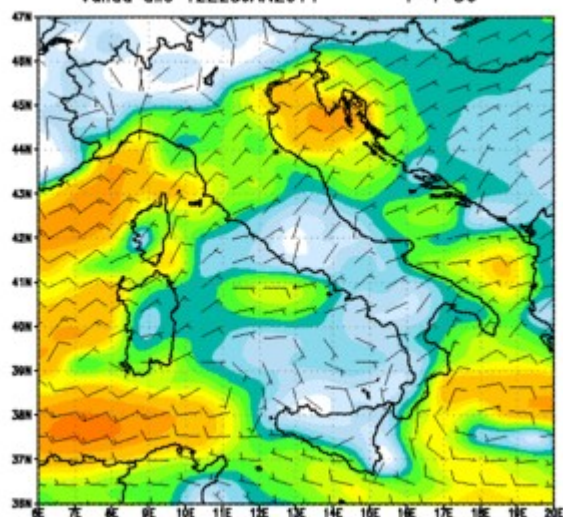
28/01/2011

Modello UKMO – Vento a 10 metri (m/s)

Run del 00Z27JAN2011

Valida alle 12Z28JAN2011

T=+ 36



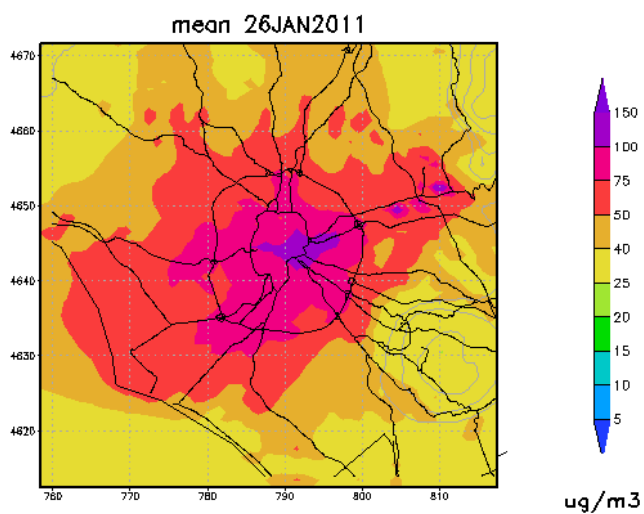
MetOffice per 3bmeteo.com

Campi di vento

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

PM10 media giornaliera prevista – Previsioni Arpalazio

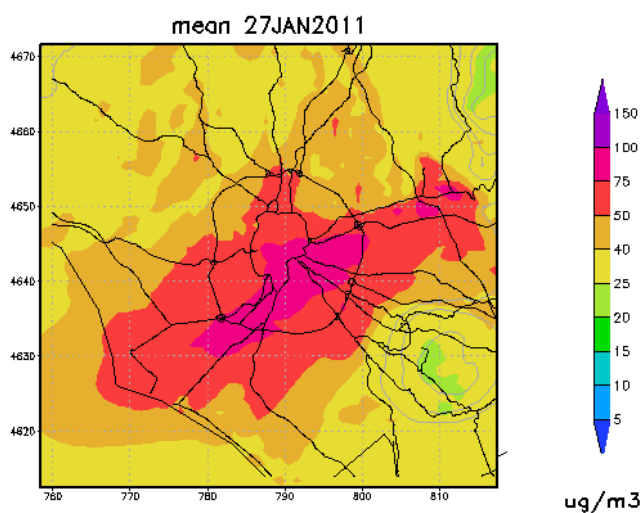
26/01/2011



GIS: COLA/IGES

2011-01-26-10:25

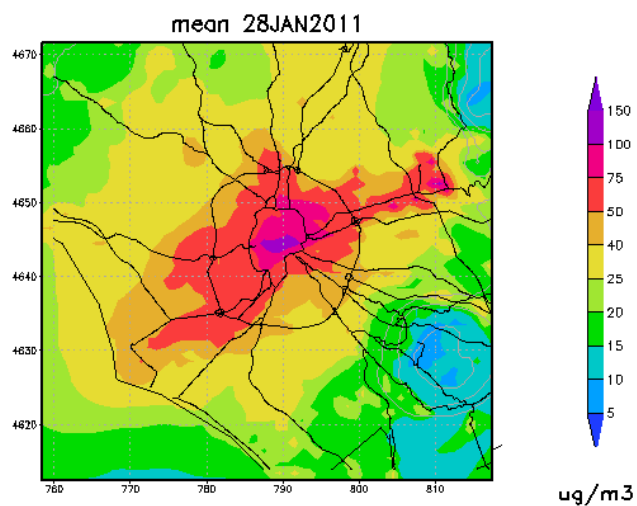
27/01/2011



GIS: COLA/IGES

2011-01-26-10:48

28/01/2011



GIS: COLA/IGES

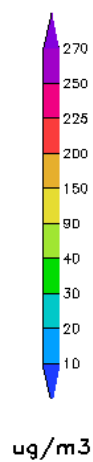
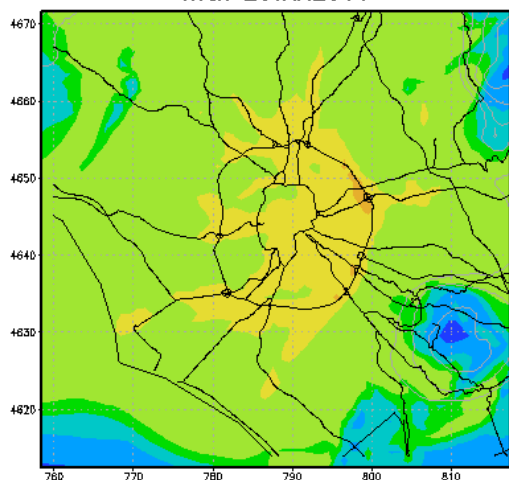
2011-01-26-11:05

Il sistema previsionale mostra la presenza di importanti valori della concentrazione di PM10 nell'area metropolitana di Roma.

NO2 – valore massimo previsto (ARPALAZIO)

26/01/2011

max 26JAN2011

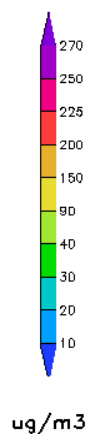
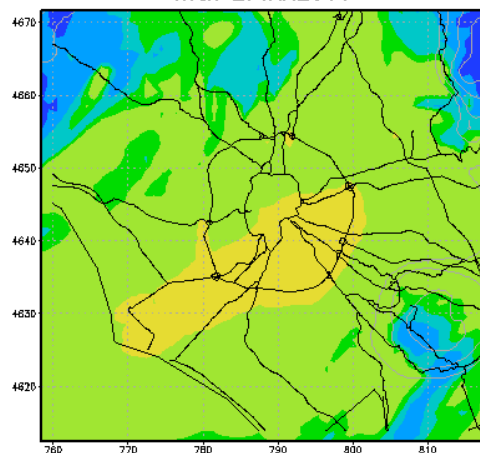


GRADS: COLLA/IGES

2011-01-26-10:25

27/01/2011

max 27JAN2011

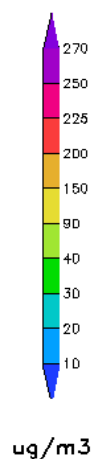
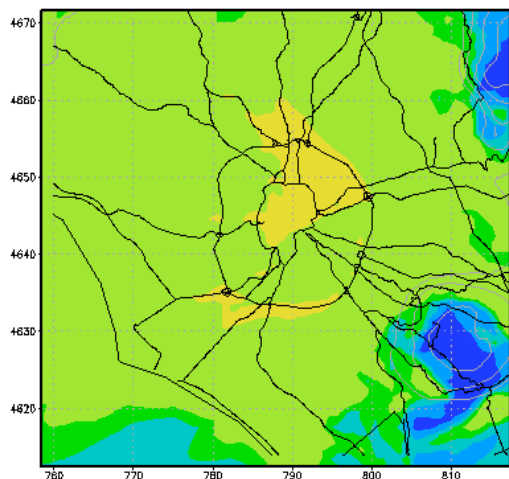


GRADS: COLLA/IGES

2011-01-26-10:48

28/01/2011

max 28JAN2011



GRADS: COLLA/IGES

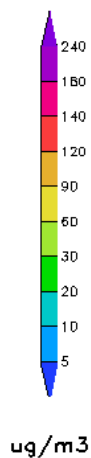
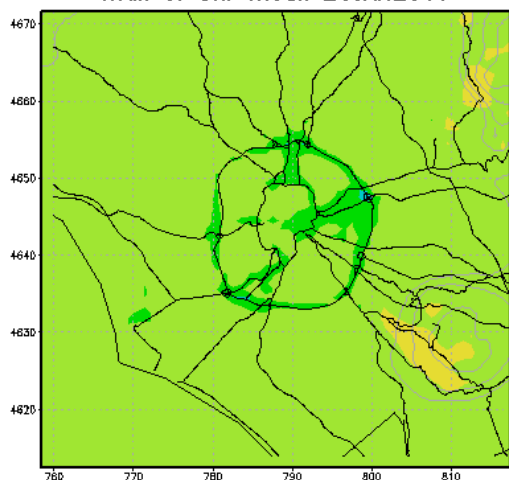
2011-01-26-11:04

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

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

26/01/2011

max of 8hr mean 26JAN2011

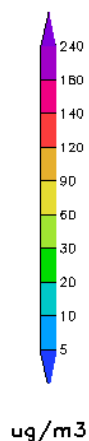
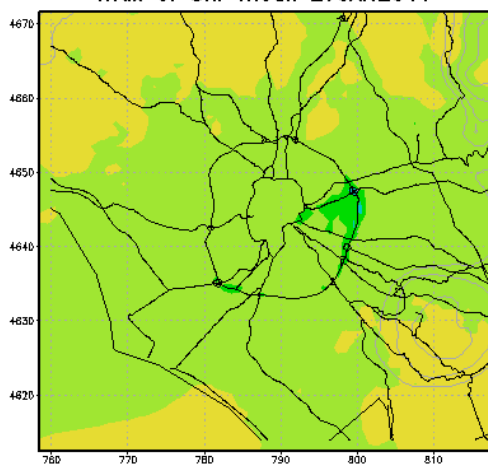


GIS: COLA/IGES

2011-01-26-10:24

27/01/2011

max of 8hr mean 27JAN2011

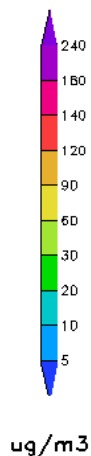
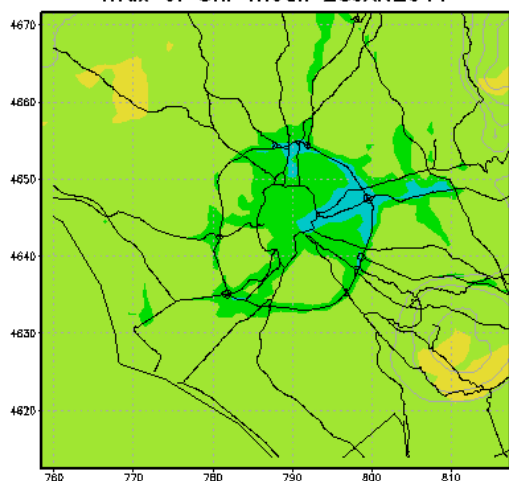


GIS: COLA/IGES

2011-01-26-10:47

28/01/2011

max of 8hr mean 28JAN2011



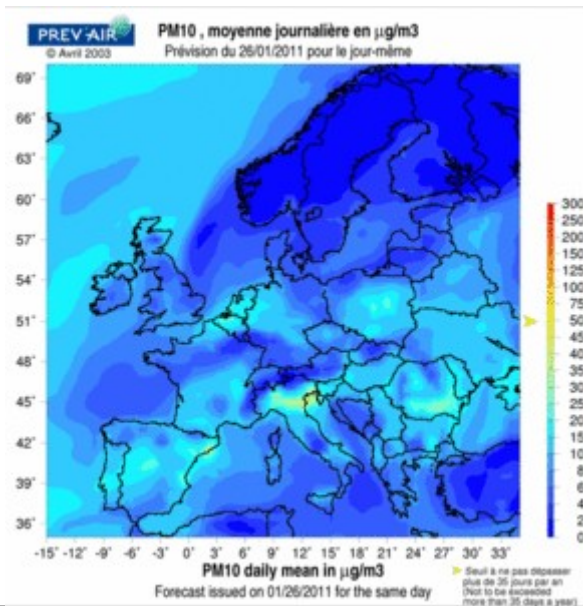
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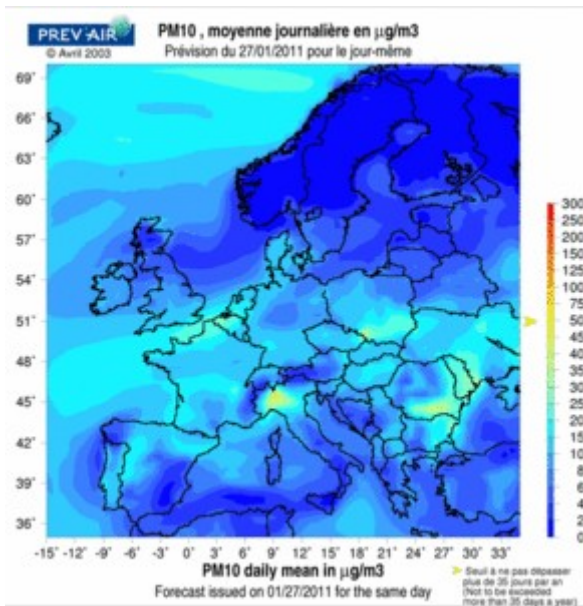
Il sistema previsionale mostra una riduzione della concentrazione massima giornaliera mediata sulle 8 ore di O3 nell'area metropolitana di Roma.

PM10 – Valore medio previsto (CHIMERE)

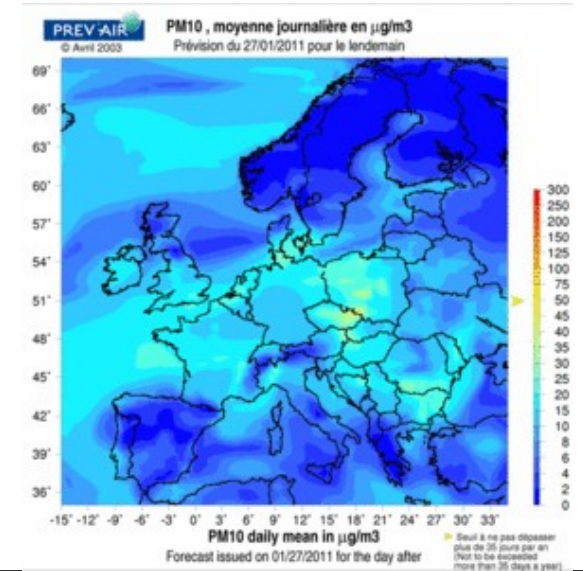
26/01/2011



27/01/2011



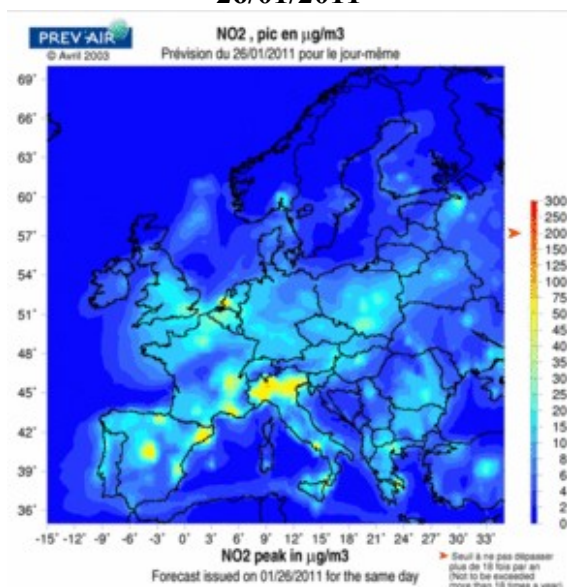
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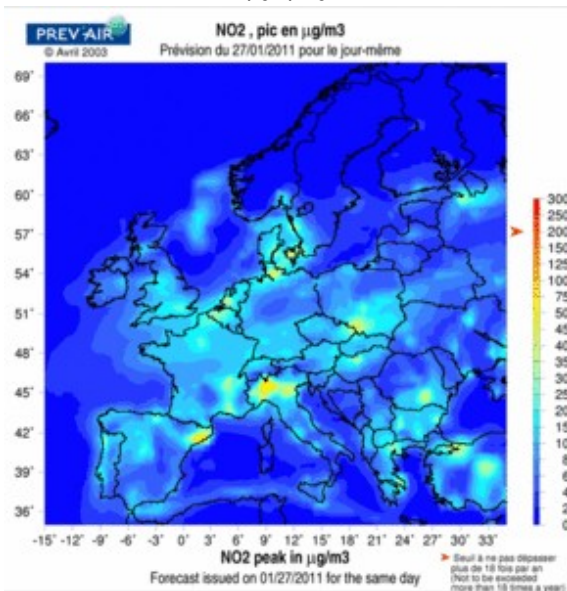
La ricostruzione modellistica effettuata con CHIMERE (ad opera di prev'air, Ministero della Repubblica Francese) mostra un lieve aumento della concentrazione media di PM10.

NO2 – Valore massimo previsto (CHIMERE)

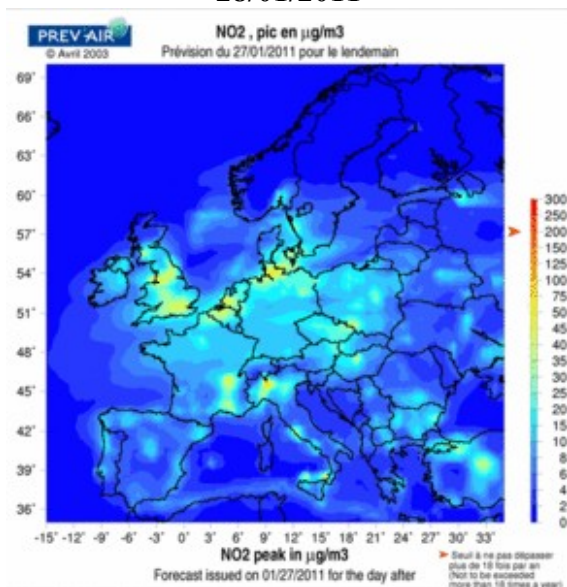
26/01/2011



27/01/2011



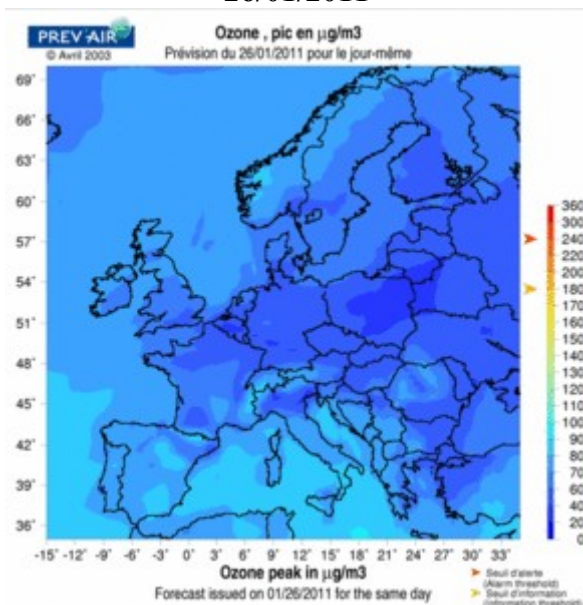
28/01/2011



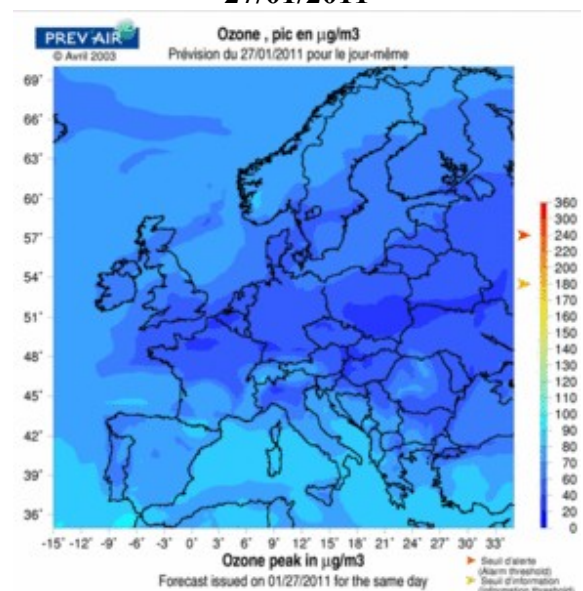
La ricostruzione modellistica effettuata con CHIMERE (ad opera di prev'air, Ministero della Repubblica Francese)) mostra un lieve aumento della concentrazione massima di NO2.

O3 – Valore massimo previsto (CHIMERE)

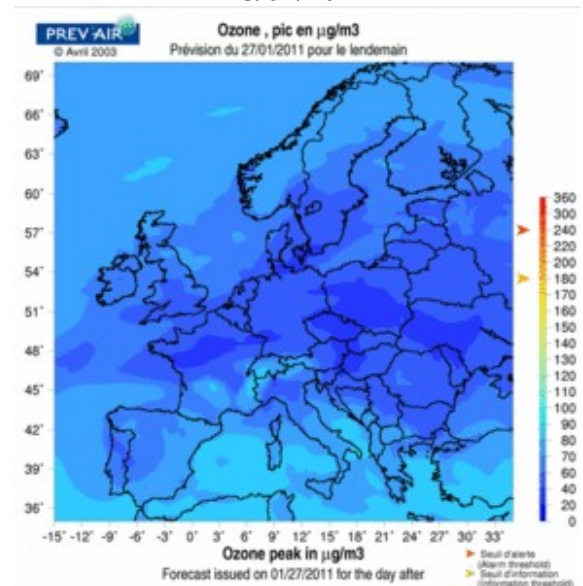
26/01/2011



27/01/2011



28/01/2011

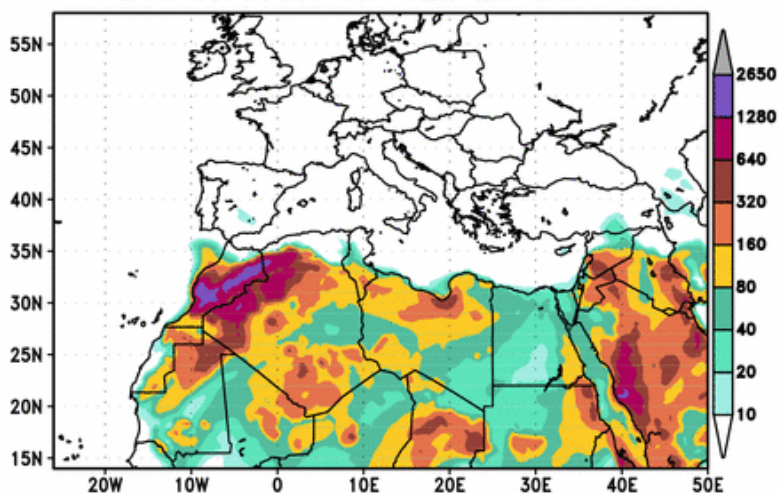


La ricostruzione modellistica effettuata con CHIMERE (ad opera di prev'air, Ministero della Repubblica Francese) non mostra importanti variazioni della concentrazione massima di O3.

PM10 Previsioni di trasporto a lunga distanza – Modello DREAM

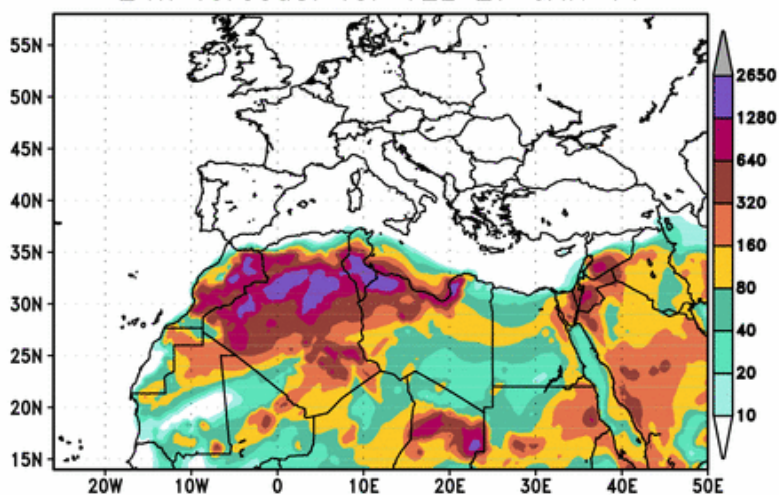
26/01/2011

BSC-DREAM8b Lowest Model Level Dust Conc. ($\mu\text{g}/\text{m}^3$)
24h forecast for 12z 26 JAN 11



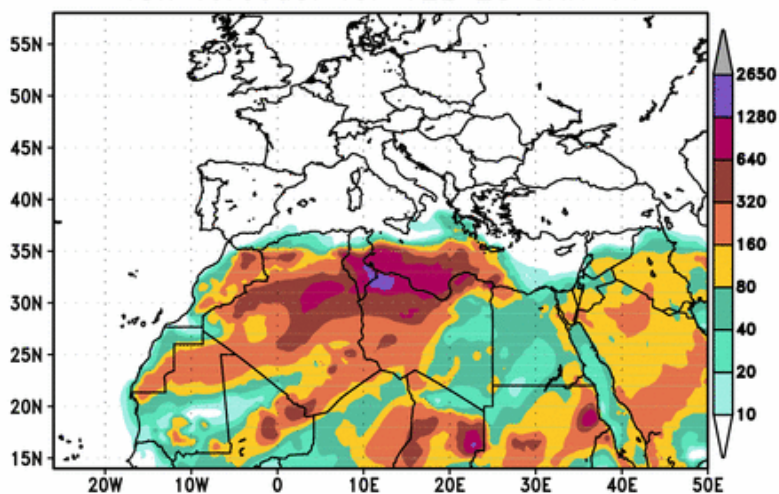
27/01/2011

BSC-DREAM8b Lowest Model Level Dust Conc. ($\mu\text{g}/\text{m}^3$)
24h forecast for 12z 27 JAN 11



28/01/2011

BSC-DREAM8b Lowest Model Level Dust Conc. ($\mu\text{g}/\text{m}^3$)
48h forecast for 12z 28 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)

