METEO FRANCE
Toujours un temps d'avance

METEO-FRANCE TOULOUSE, FRANCE

RSMC for Environmental Emergency Response

FAX : +33 5 61 07 80 44

Telephone : +33 5 61 07 80 42

Time : 0758 UTC Date : 09 Jun 2016

<< TEST_EVENT TEST_EVENT TEST_EVENT >>

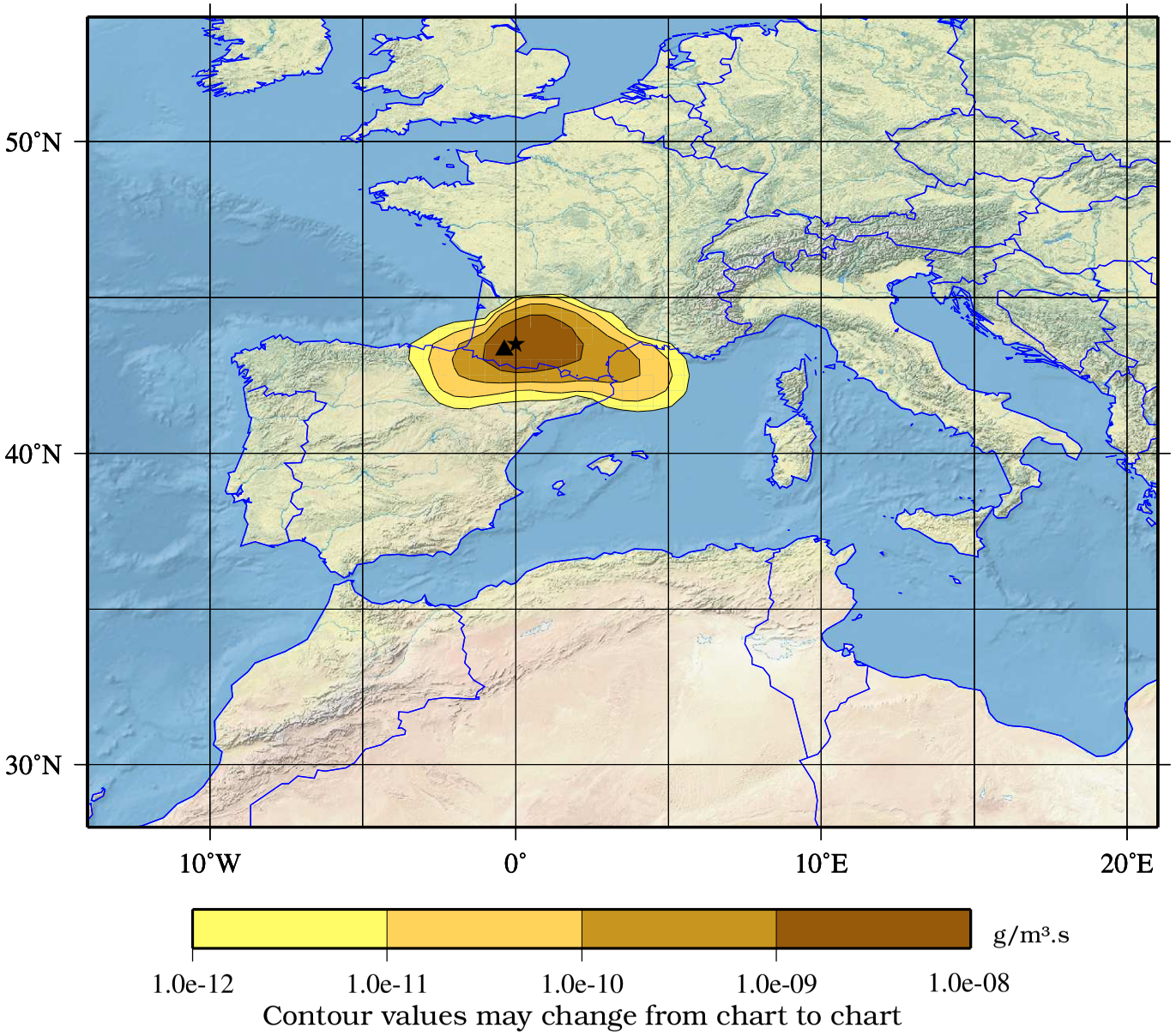
Release Time date : 00 UTC 07 Jun 2016
Release Location in decimal degrees : 43.3N 0.36667W
Location name (if known) : PAU
Emission duration : 01h00
Emission (per hour) : 1.0000 g
Substance released : TRACEUR
Vertical distribution : Uniform 0 - 500 m (AGL)
Meteorological Model : ARPEGE
Dispersion Model : Mocage

Attached are 7 charts consisting of :
(1) **Trajectories of air particles** starting at 500, 1500 and 3000 metres above the ground. The plan view indicates the horizontal spread, while the side view indicates the vertical motion of the trajectories.
(2-4) Charts for three successive time intervals of the **time-integrated pollution concentration (or exposure)** averaged over the layer between the surface and 500m in units of Becquerel.seconds per cubic metre (Bq.s/m3).
(5-7) A chart of the **total surface deposition** (wet + dry) from the release time to the end of the third time period in units of Bequerel per square metre (Bq/m2)
For charts 2-7, a legend indicates the values associated with particular shadings.

Number of pages (including cover sheet) = 8

PAU Test 07/06/2016

Time integrated concentration (g/m³.s)
for surface to 500m layer over 24 hours
valid 08/06/2016 00h00 UTC



Dispersion model :
MOCAGE Accident
Meteo model : ARPEGE

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RELEASE DATA
Site : PAU
Emission start : 07/06/2016 00h00 UTC
Release duration : 01h00
Lat : 43.3 N ; 43º17'59" N
Lon : 0.36667 W ; 0º22'0" W
Emission rate : 1.0e+00 g/h
Base : 0m
Top : 500m
Released pollutant : TRACEUR

MODEL DATA
Grid resolution : 0.5º
Init for meteo data
07/06/2016 00UTC

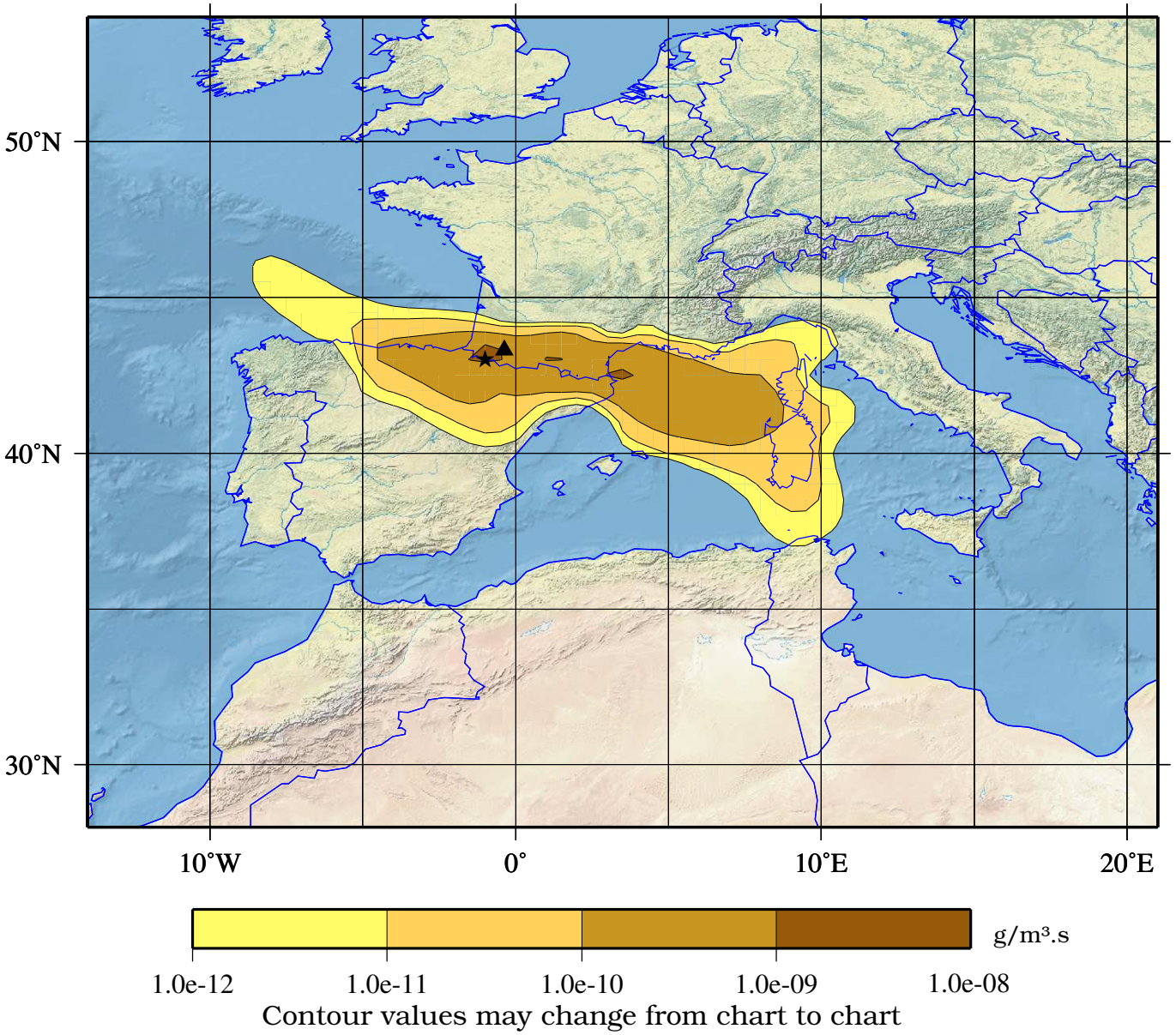
Max value for current step :
9.48418e-09 g/m³.s

Max position ★
Source position ▲

METEO FRANCE
TOULOUSE RSMC
Issued 07/06/2016 06:26:24 UTC

PAU Test 07/06/2016

Time integrated concentration (g/m³.s)
for surface to 500m layer over 24 hours
valid 09/06/2016 00h00 UTC



Contour values may change from chart to chart

Dispersion model :
MOCAGE Accident
Meteo model : ARPEGE

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RELEASE DATA
Site : PAU
Emission start : 07/06/2016 00h00 UTC
Release duration : 01h00
Lat : 43.3 N ; 43º17'59" N
Lon : 0.36667 W ; 0º22'0" W
Emission rate : 1.0e+00 g/h
Base : 0m
Top : 500m
Released pollutant : TRACEUR

MODEL DATA
Grid resolution : 0.5º
Init for meteo data
07/06/2016 00UTC

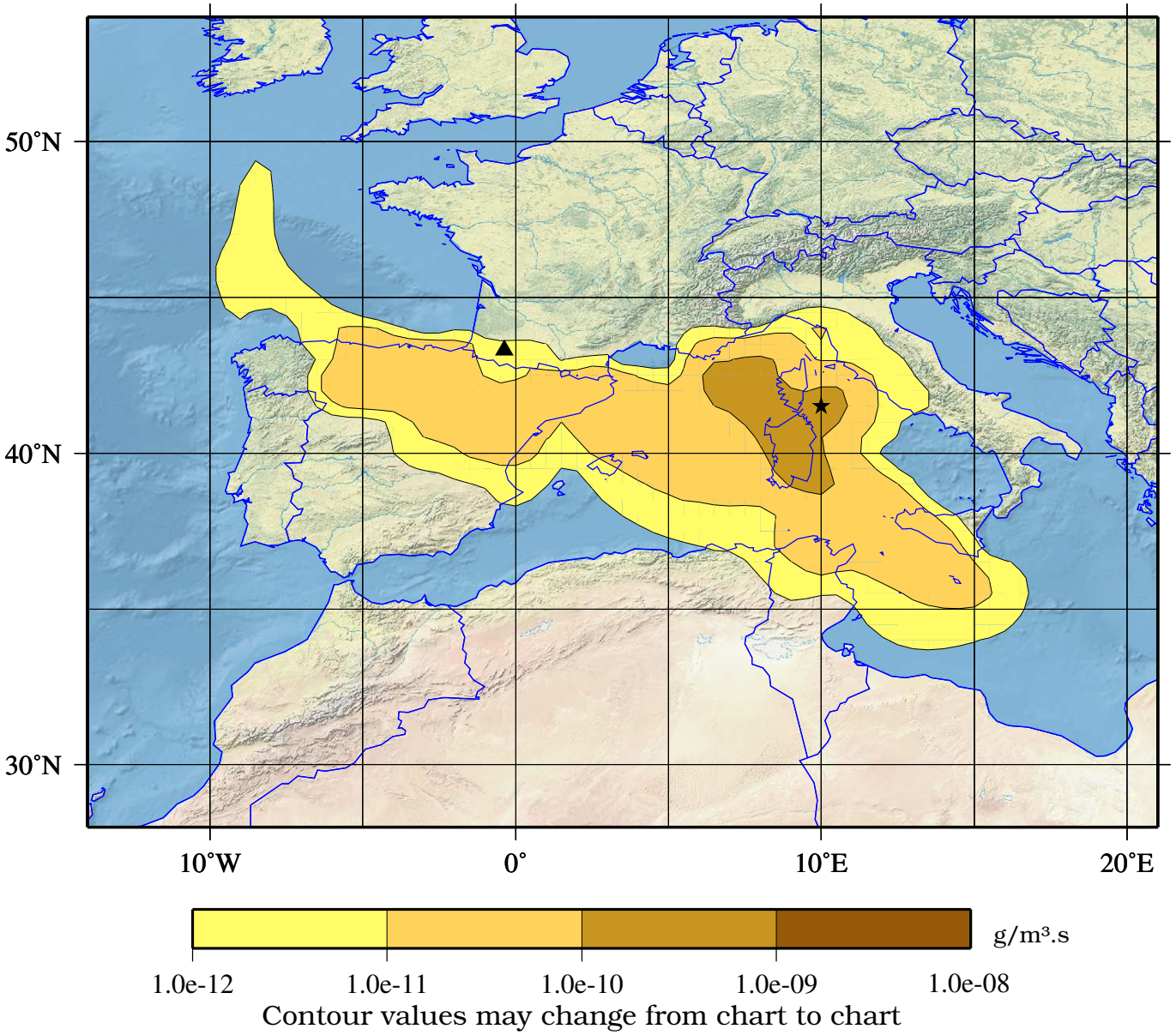
Max value for current step :
1.2218e-09 g/m³.s

Max position ★
Source position ▲

METEO FRANCE
TOULOUSE RSMC
Issued 07/06/2016 06:26:24 UTC

PAU Test 07/06/2016

Time integrated concentration (g/m³.s)
for surface to 500m layer over 24 hours
valid 10/06/2016 00h00 UTC



Dispersion model :
MOCAGE Accident
Meteo model : ARPEGE

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RELEASE DATA
Site : PAU
Emission start : 07/06/2016 00h00 UTC
Release duration : 01h00
Lat : 43.3 N ; 43º17'59" N
Lon : 0.36667 W ; 0º22'0" W
Emission rate : 1.0e+00 g/h
Base : 0m
Top : 500m
Released pollutant : TRACEUR

MODEL DATA
Grid resolution : 0.5º
Init for meteo data
07/06/2016 00UTC

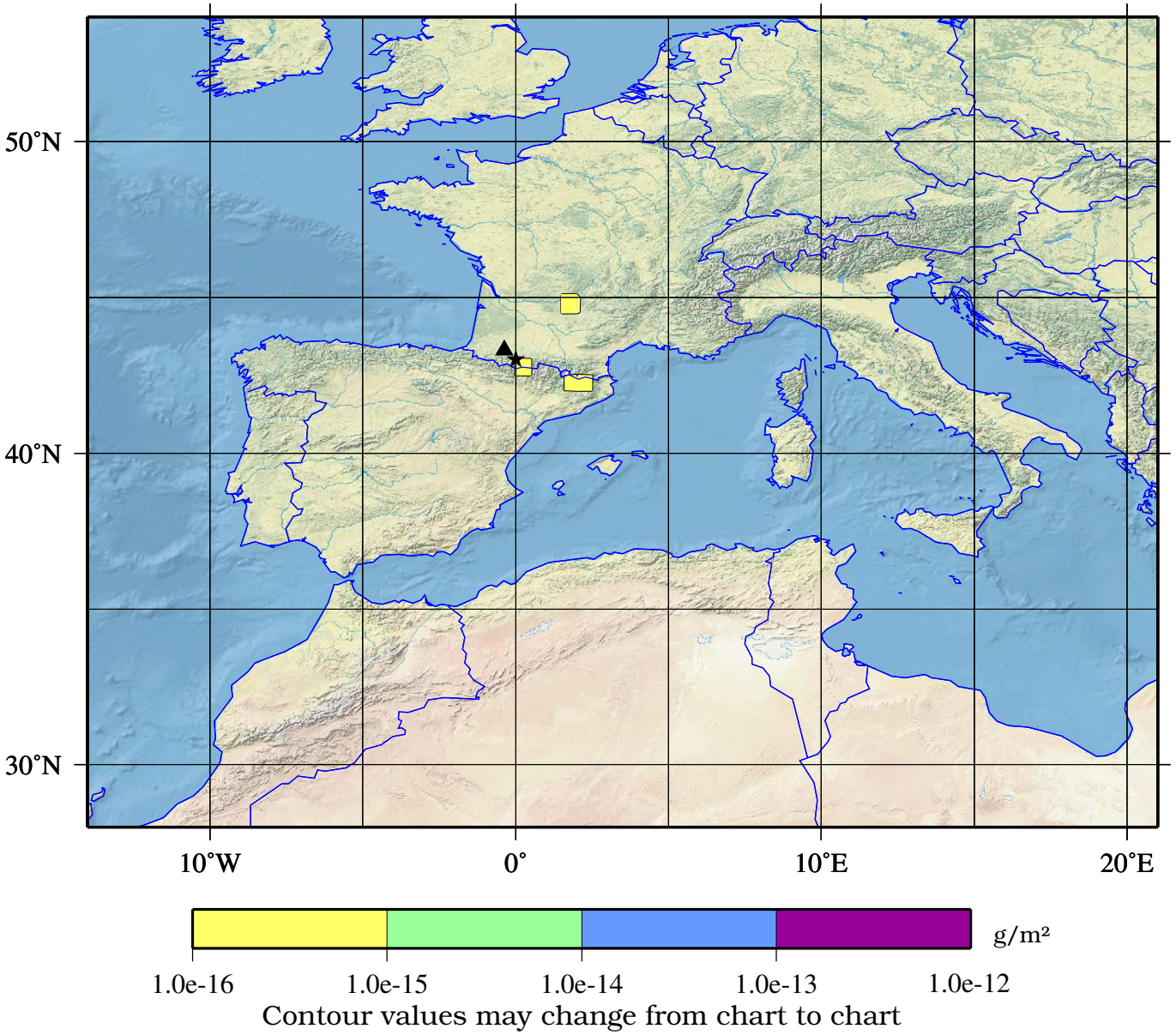
Max value for current step :
2.36592e-10 g/m³.s

Max position ★
Source position ▲

METEO FRANCE
TOULOUSE RSMC
Issued 07/06/2016 06:26:24 UTC

PAU Test 07/06/2016

Total deposition (g/m²)
from release start
valid 08/06/2016 00h00 UTC



Contour values may change from chart to chart

Dispersion model : MOCAGE Accident

Meteo model : ARPEGE

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RELEASE DATA

Site : PAU
Emission start : 07/06/2016 00h00 UTC
Release duration : 01h00
Lat : 43.3 N ; 43º17'59" N
Lon : 0.36667 W ; 0º22'0" W
Emission rate : 1.0e+00 g/h
Base : 0m
Top : 500m
Released pollutant : TRACEUR

MODEL DATA

Grid resolution : 0.5º
Init for meteo data
07/06/2016 00UTC

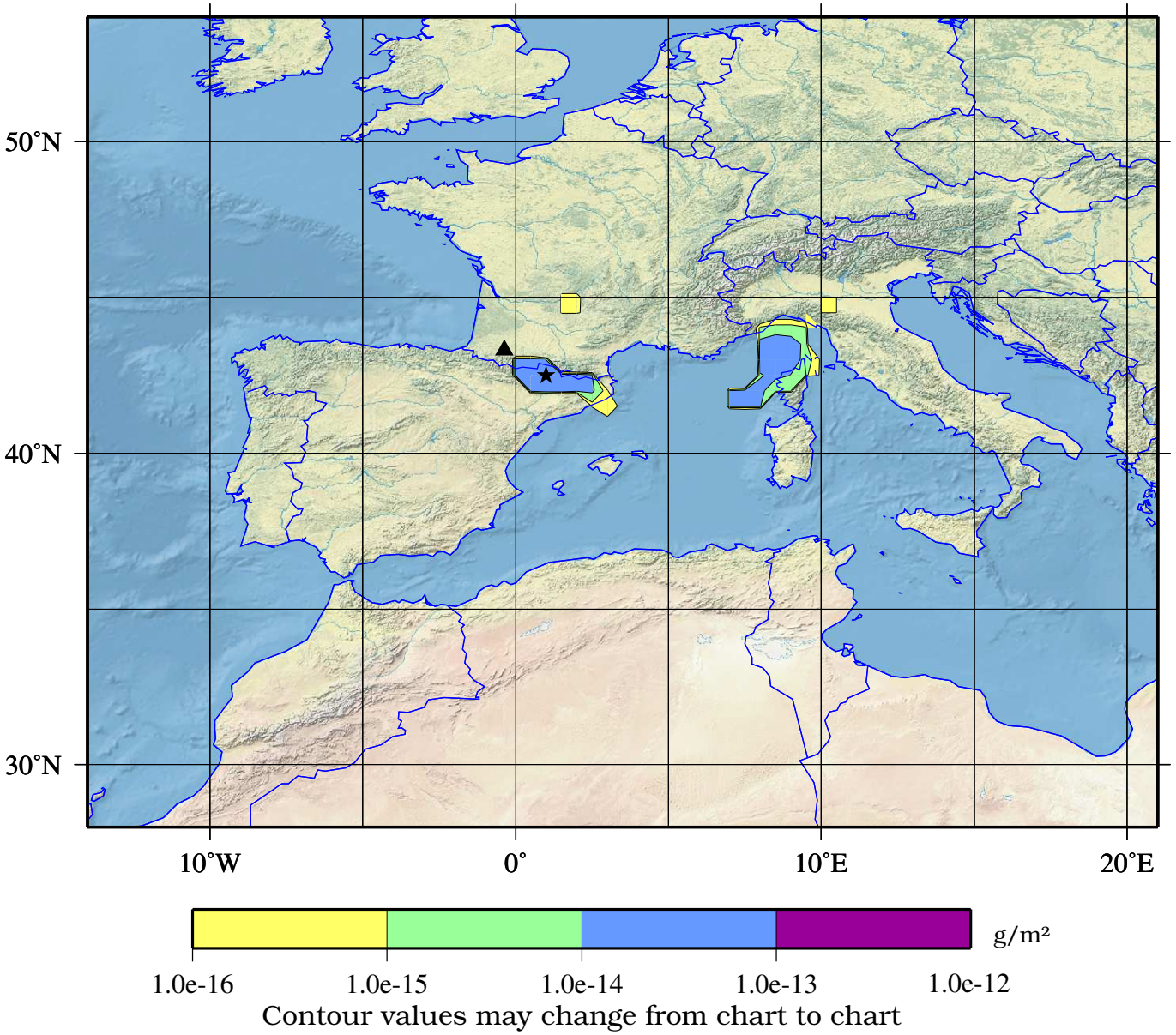
Max value for current step :
5.22396e-16 g/m²

Max position ★
Source position ▲

METEO FRANCE
TOULOUSE RSMC
Issued 07/06/2016 06:26:24 UTC

PAU Test 07/06/2016

Total deposition (g/m²)
from release start
valid 09/06/2016 00h00 UTC



Dispersion model :
MOCAGE Accident
Meteo model : ARPEGE

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RELEASE DATA
Site : PAU
Emission start : 07/06/2016 00h00 UTC
Release duration : 01h00
Lat : 43.3 N ; 43º17'59" N
Lon : 0.36667 W ; 0º22'0" W
Emission rate : 1.0e+00 g/h
Base : 0m
Top : 500m
Released pollutant : TRACEUR

MODEL DATA
Grid resolution : 0.5º
Init for meteo data
07/06/2016 00UTC

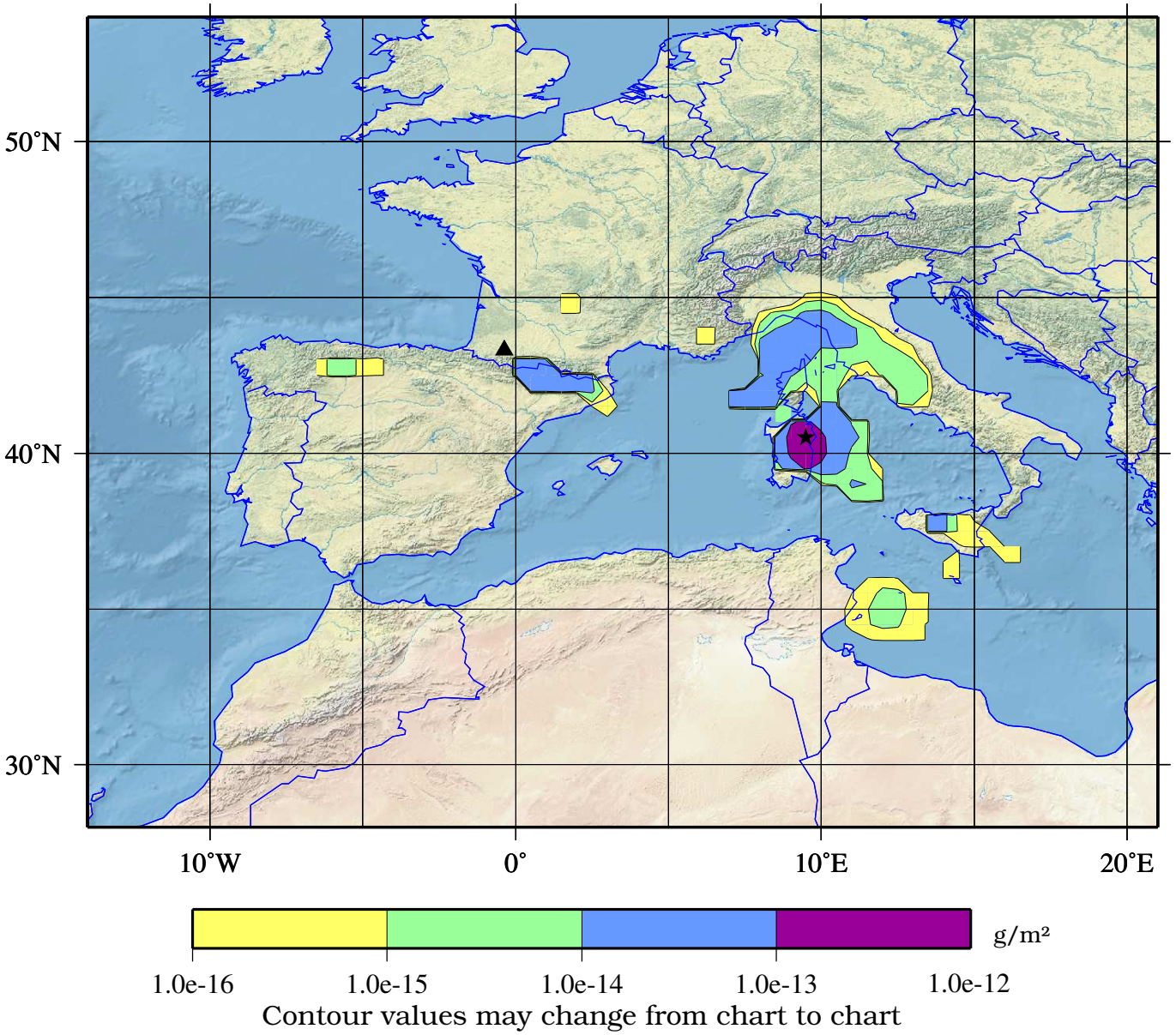
Max value for current step :
7.43019e-14 g/m²

Max position ★
Source position ▲

METEO FRANCE
TOULOUSE RSMC
Issued 07/06/2016 06:26:24 UTC

PAU Test 07/06/2016

Total deposition (g/m²)
from release start
valid 10/06/2016 00h00 UTC



Contour values may change from chart to chart

Dispersion model : MOCAGE Accident

Meteo model : ARPEGE

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RELEASE DATA

Site : PAU
Emission start : 07/06/2016 00h00 UTC
Release duration : 01h00
Lat : 43.3 N ; 43º17'59" N
Lon : 0.36667 W ; 0º22'0" W
Emission rate : 1.0e+00 g/h
Base : 0m
Top : 500m
Released pollutant : TRACEUR

MODEL DATA

Grid resolution : 0.5º
Init for meteo data
07/06/2016 00UTC

Max value for current step :
2.44343e-13 g/m²

Max position ★
Source position ▲

METEO FRANCE
TOULOUSE RSMC
Issued 07/06/2016 06:26:24 UTC