U.S. NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
RSMC Washington (NOAA ARL, NOAA NCEP)

Room 410 - W/NMC33
World Weather Building
5200 Auth Road
Camp Springs, Maryland USA

Tel (24 hrs - NCEP): 301-763-8298
Tel (Backup - ARL): 301-713-2614

Fax (24 hrs - NCEP): 301-763-8592
Fax (Backup - ARL): 301-713-4592

RSMC products issued Thu Feb 14 14:12 UTC 2008

The following charts will follow:

- 2 or 3 time-itegrated concentration maps
- total (dry + wet) deposition map

Please contact us if any problems arise with these products.

Source term and dispersion model details

RSMC Washington - NOAA ARL / NCEP

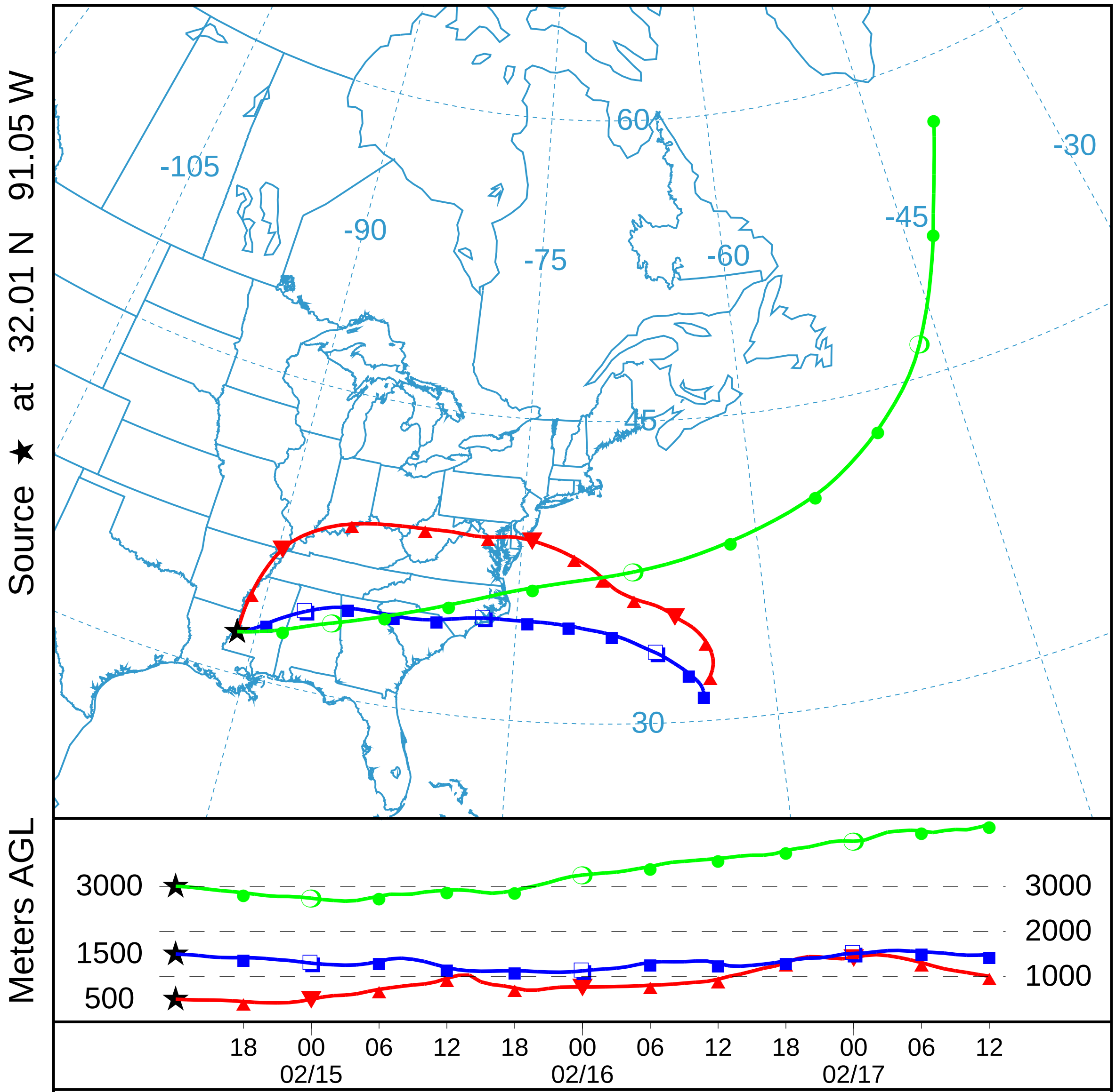
Response: EXERCISE EXERCISE EXERCISE

Location:GRAND_GULF-1 lat:32.01 lon:-91.05
Release Start (YYYY MM DD HH MM):2008 02 14 12 00
Meteorology: GFS
Trajectories: 500.0, 1500.0, 3000.0 m AGL
Release ID:C137 Rate:0.1667/hr Duration:6.0 hr Particles:500
Distribution: Uniform between 10 and 500 m AGL
Dry Deposition Rate:.001 m/s Wet Removal (below/in-cloud):5.0E-5/3.2E+5
Note: Contour values may change from chart to chart
Note: RESULTS BASED ON DEFAULT INITIAL VALUES

NOAA HYSPLIT MODEL

Forward trajectories starting at 12 UTC 14 Feb 08

06 UTC 14 Feb   GFSG Forecast Initialization



Issued: 1412UTC 14/02/2008 (day/month/year) RSMC Washington - NOAA ARL / NCEP
Source: GRAND_GULF-1 lat:32.01 lon:-91.05 height:500.0 1500.0 3000.0 m AGL

Trajectory   Direction:forward   Duration:72 hr
Vertical Motion Calculation Method: Model Vertical Velocity
Response: EXERCISE   EXERCISE   EXERCISE

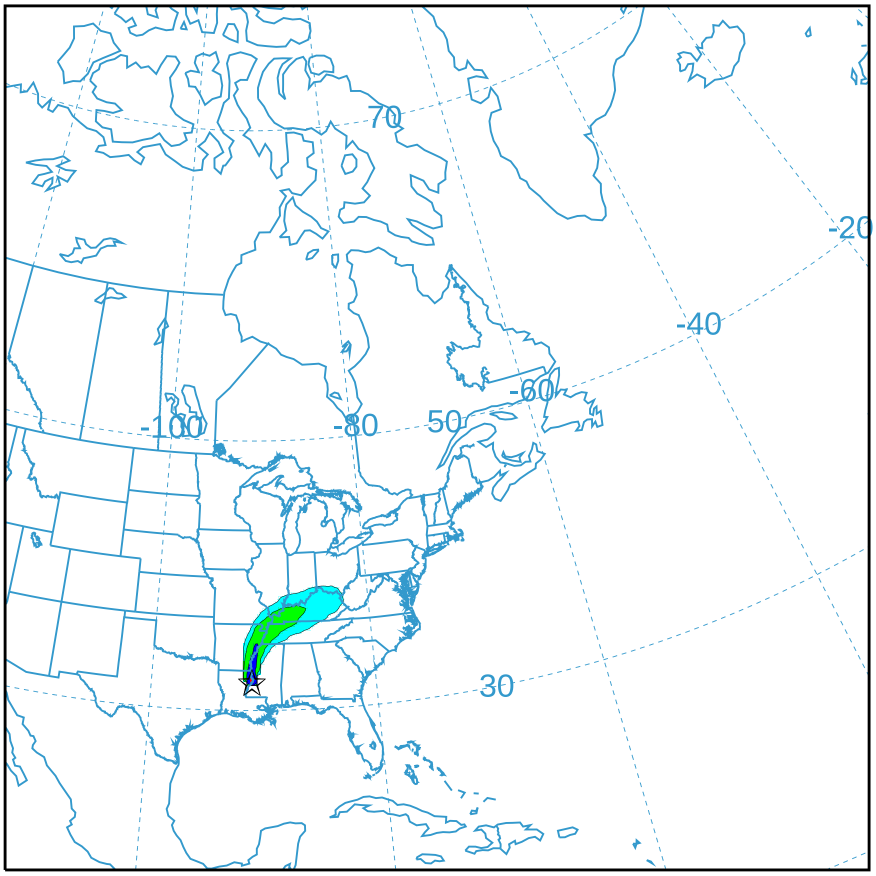
NOAA HYSPLIT MODEL

Exposure (Bq-s/m3) averaged between 0 m and 500 m

Integrated from 1200 14 Feb to 1200 15 Feb 08 (UTC)

C137 Release started at 1200 14 Feb 08 (UTC)

Source ☆ 32.010 N 91.050 W 10 m to 500 m



>1.0E-08 Bq-s/m3
>1.0E-09 Bq-s/m3
>1.0E-10 Bq-s/m3
>1.0E-11 Bq-s/m3

Maximum: 1.2E-08
(identified as a square)

Minimum: 2.4E-15

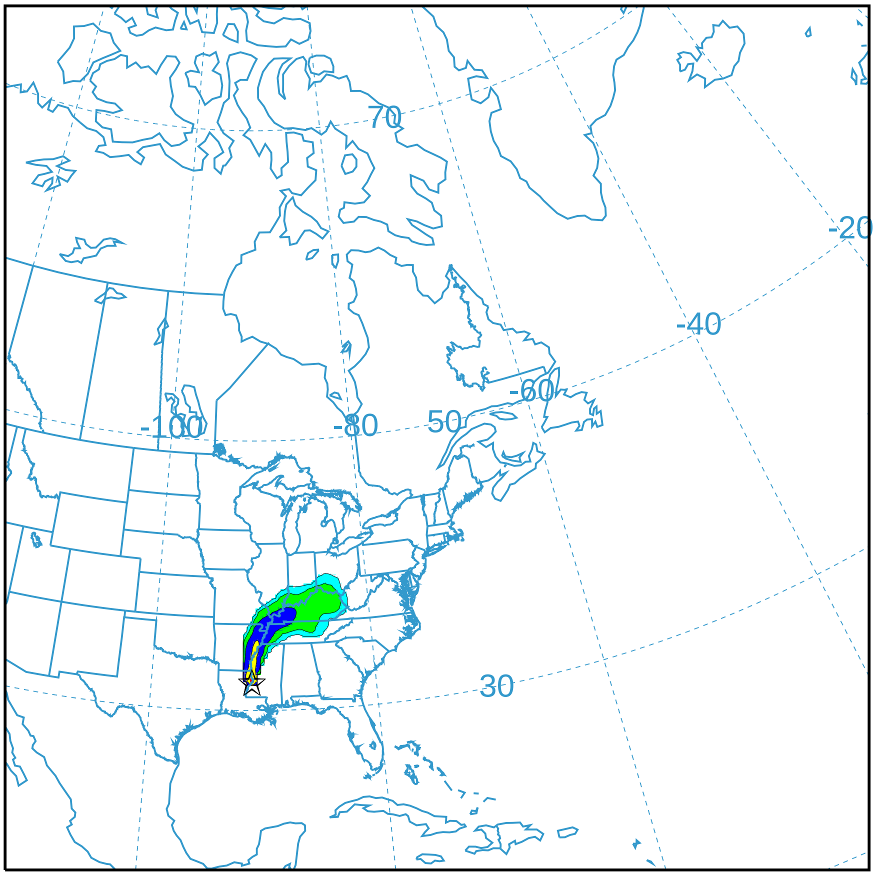
0600 14 Feb 08 GFSG FORECAST INITIALIZATION

Issued: 1412UTC 14/02/2008 (day/month/year) RSMC Washington - NOAA ARL / NCEP
Source:GRAND_GULF-1 lat:32.01 lon:-91.05 hgt:10 to 500 m
Release ID:C137 Rate:0.1667/hr Duration:6.0 hr Particles:500
Distribution: Uniform between 10 and 500 m AGL
Dry Deposition Rate:.001 m/s Wet Removal (below/in-cloud):5.0E-5/3.2E+5
Meteorology: GFS
Note: Contour values may change from chart to chart
Note: RESULTS BASED ON DEFAULT INITIAL VALUES
Response: EXERCISE EXERCISE EXERCISE

NOAA HYSPLIT MODEL

Deposition (Bq/m2) at ground-level
Integrated from 1200 14 Feb to 1200 15 Feb 08 (UTC)
C137 Release started at 1200 14 Feb 08 (UTC)

Source ☆ 32.010 N 91.050 W 10 m to 500 m



>1.0E-12 Bq/m2
>1.0E-13 Bq/m2
>1.0E-14 Bq/m2
>1.0E-15 Bq/m2
Maximum: 6.6E-12
(identified as a square)
Minimum: 3.0E-17

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Issued: 1412UTC 14/02/2008 (day/month/year) RSMC Washington - NOAA ARL / NCEP
Source:GRAND_GULF-1 lat:32.01 lon:-91.05 hgt:10 to 500 m
Release ID:C137 Rate:0.1667/hr Duration:6.0 hr Particles:500
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Dry Deposition Rate:.001 m/s Wet Removal (below/in-cloud):5.0E-5/3.2E+5
Meteorology: GFS
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Response: EXERCISE EXERCISE EXERCISE

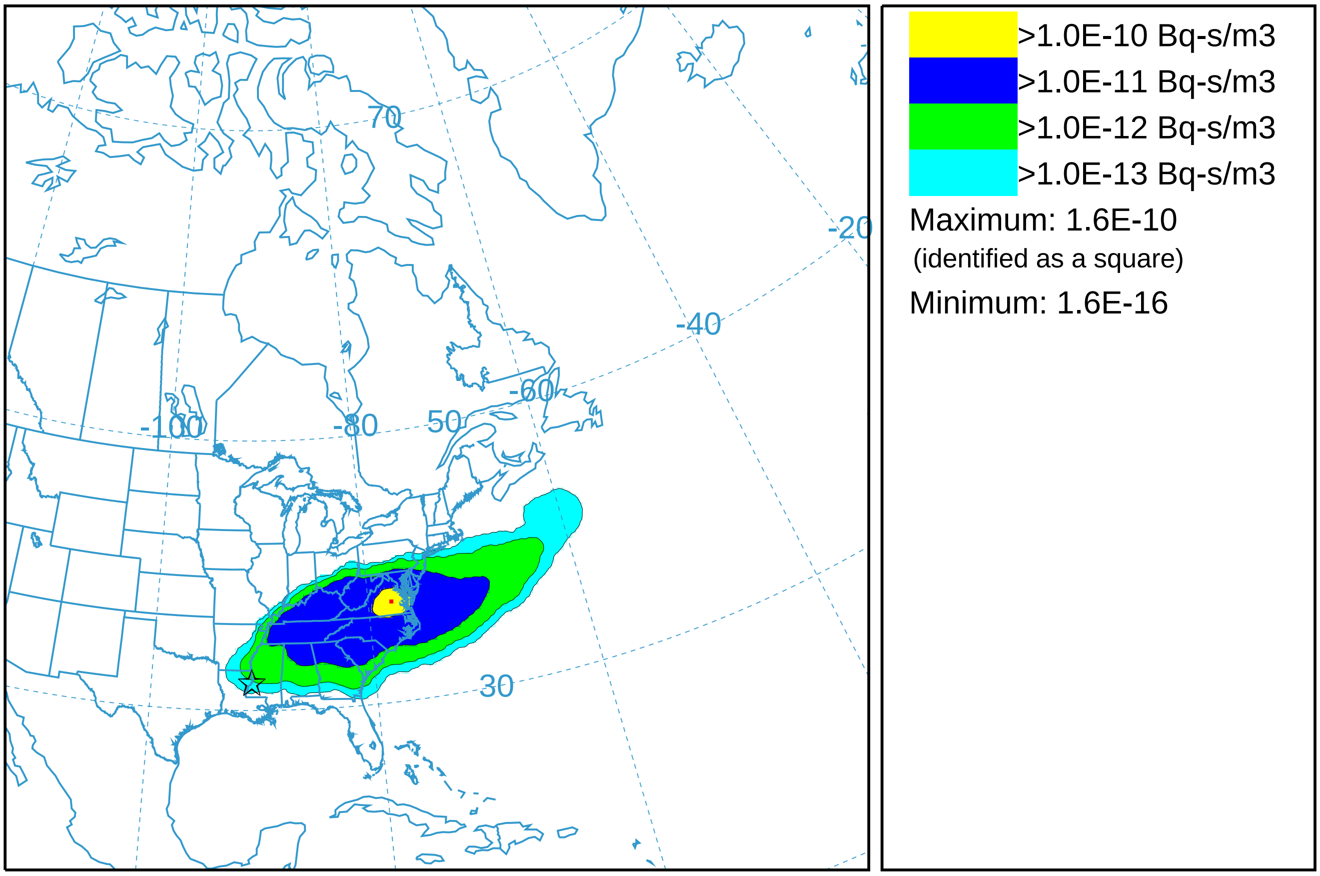
NOAA HYSPLIT MODEL

Exposure (Bq-s/m3) averaged between 0 m and 500 m

Integrated from 1200 15 Feb to 1200 16 Feb 08 (UTC)

C137 Release started at 1200 14 Feb 08 (UTC)

Source ☆ 32.010 N 91.050 W 10 m to 500 m



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NOAA HYSPLIT MODEL

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Integrated from 1200 14 Feb to 1200 16 Feb 08 (UTC)
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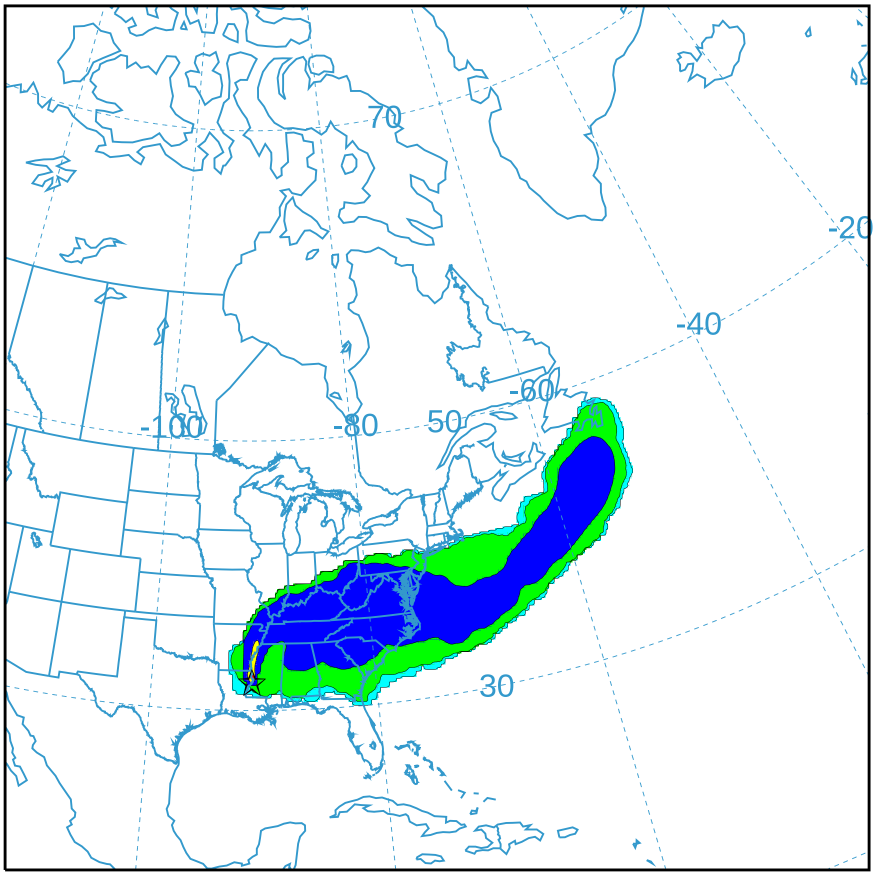

>1.0E-12 Bq/m2
>1.0E-14 Bq/m2
>1.0E-16 Bq/m2
>1.0E-18 Bq/m2

Maximum: 3.6E-12
(identified as a square)

Minimum: 6.0E-21

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Exposure (Bq-s/m3) averaged between   0 m and   500 m
Integrated from 1200 16 Feb to 1200 17 Feb 08 (UTC)
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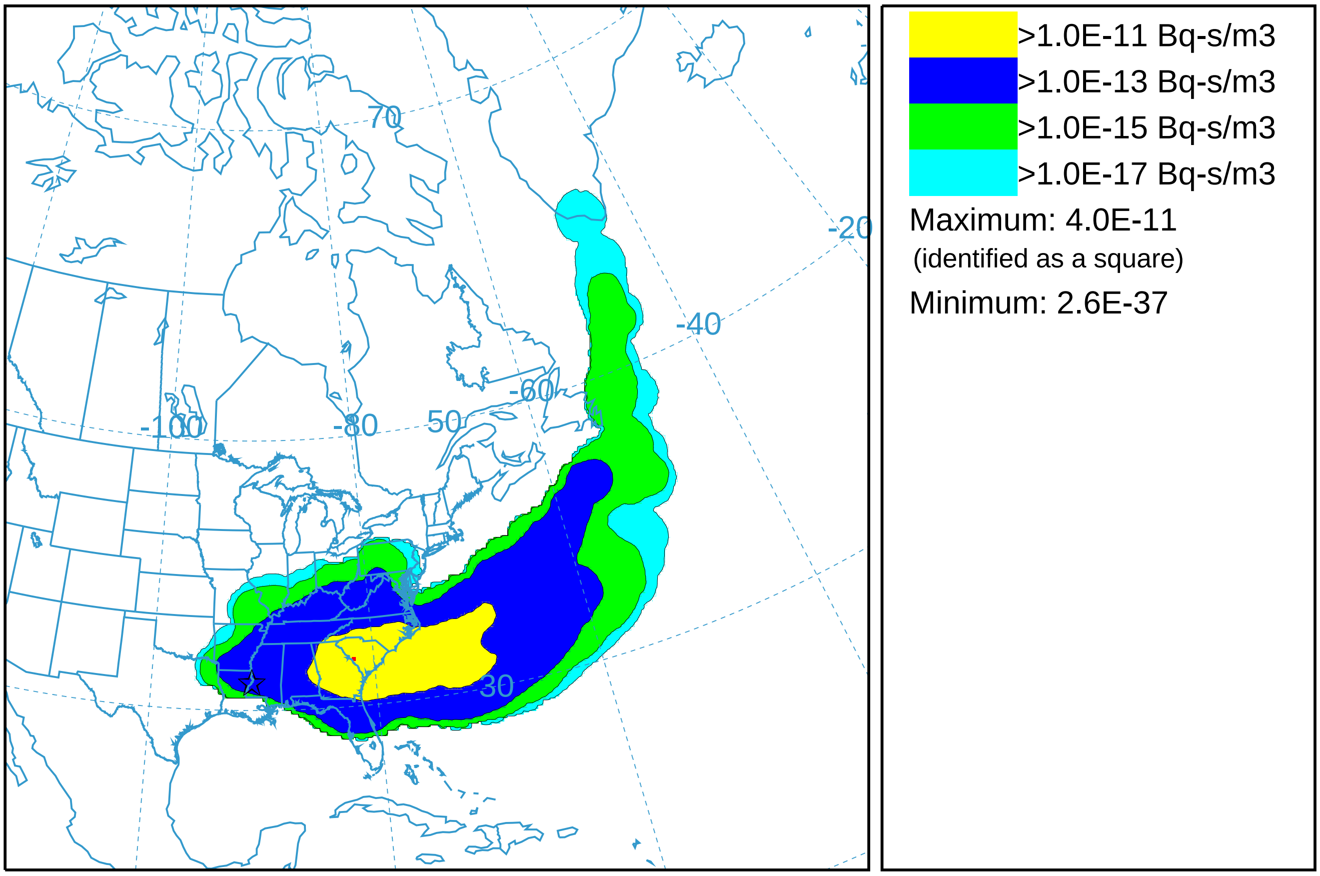
Source ☆ 32.010 N 91.050 W 10 m to 500 m



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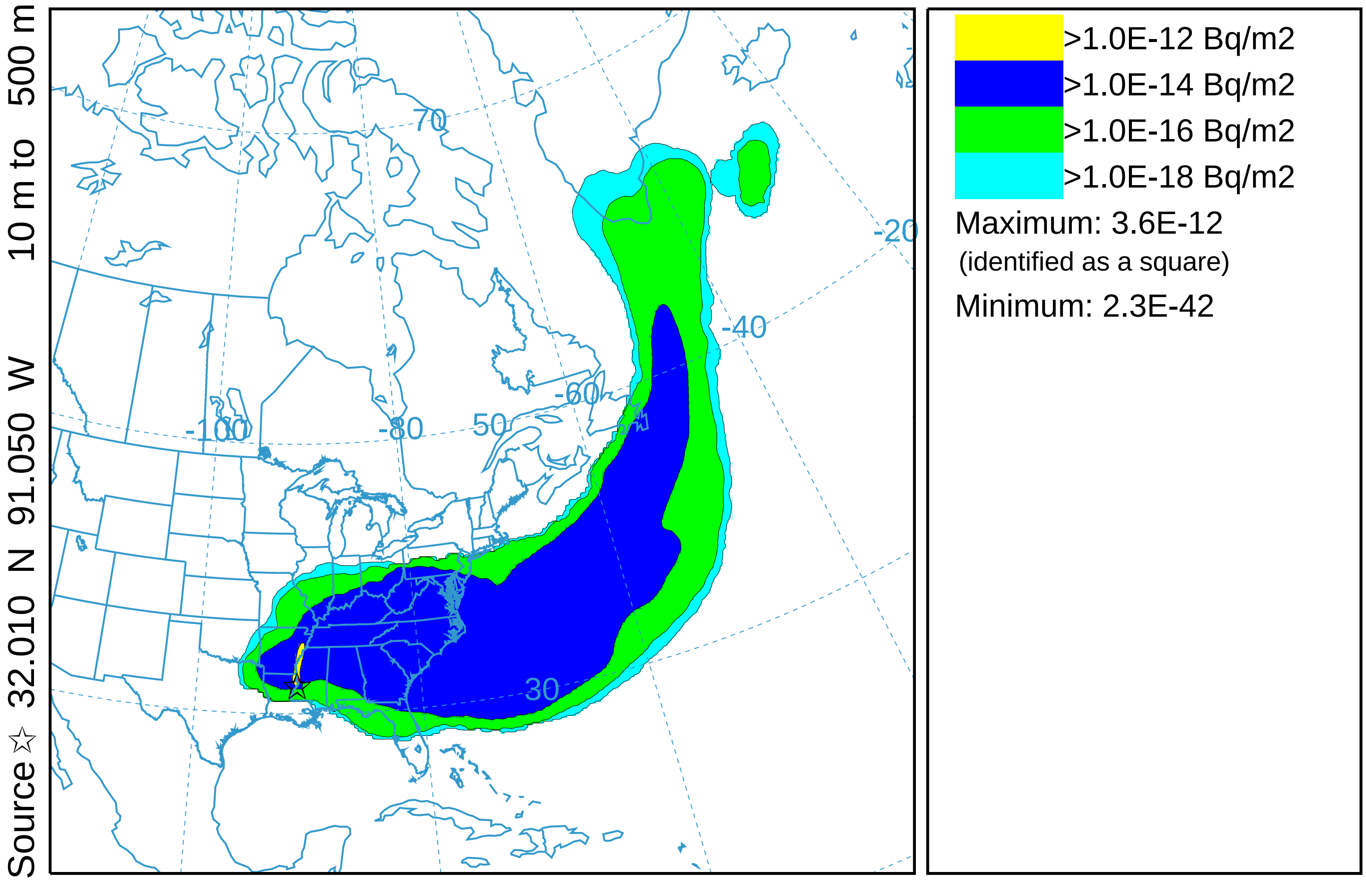

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