

NOAA HYSPLIT Model Results for job 21095 (Real\_Event)

A NOAA HYSPLIT model has been run internally for a Real Event with the following details:

Job ID: 21095

Job Start: Wed Apr 24 06:51:45 UTC 2019

Release: lat.: 32.705953 lon.: -97.311101 Hgt: 0 to 50 m

Pollutant: Unit - Hazmat\_Transportation

Release Quantity: 1 mass Start: 19 04 24 6 45 Duration: 0 hrs, 10 min

Pollutant Averaging/Integration Period: 1 hrs and 0 min

Dry Deposition rate: 0 cm/s Wet Removal: None #Part: 10000

Meteorology: 0100Z 24 Apr 2019 - NAMCNEST

Event: Real\_Event - Hazmat\_Transportation

Produced by user: [REDACTED] - WFO: TX: Dallas/Fort\_Worth: [REDACTED]

A public link to this product has not been made available at this time.

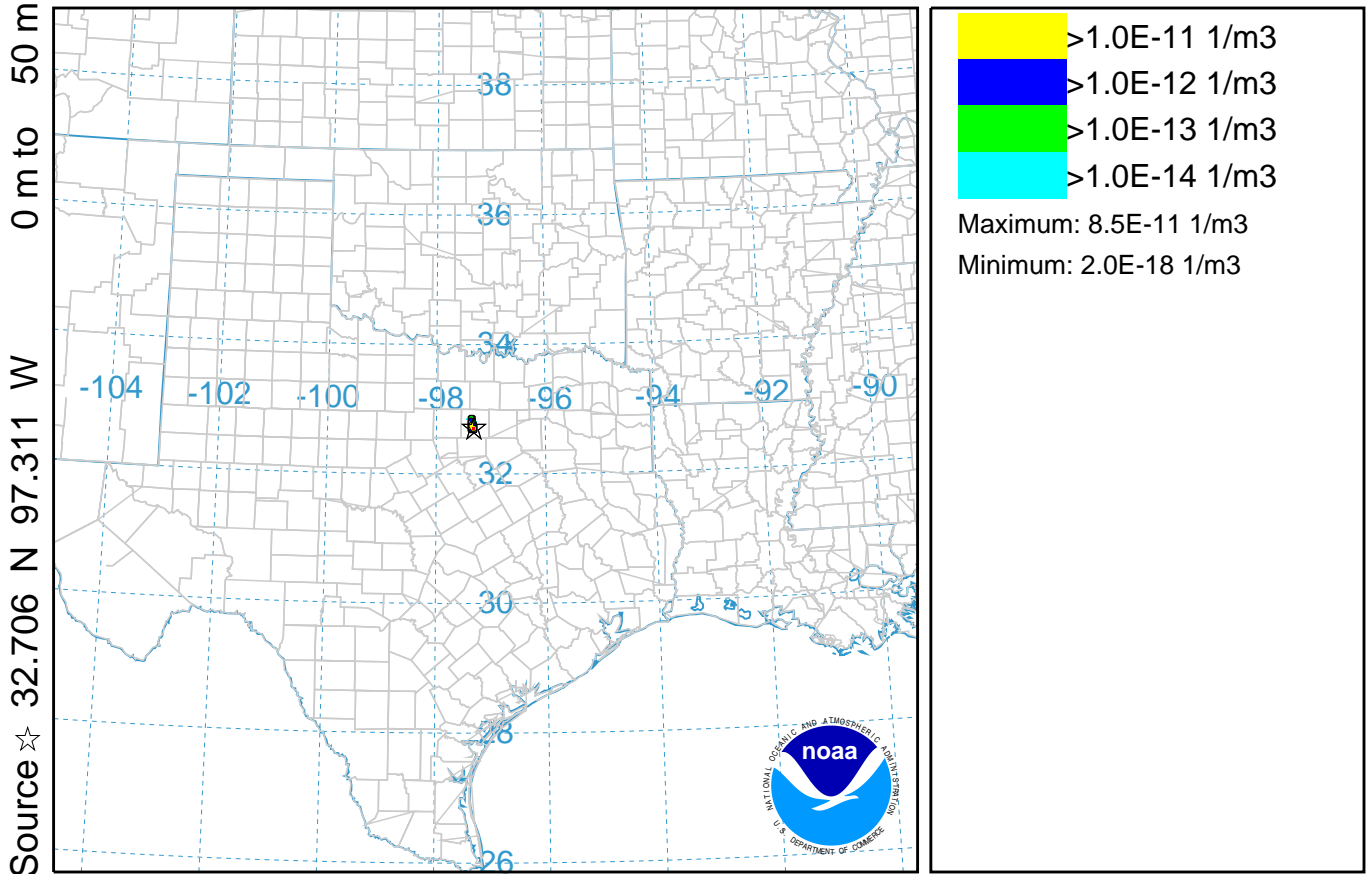
For contact information select this forecast office from the list on the following National Weather Service web page:

<http://www.weather.gov/jetstream/wfos>

This is an automated message, do not reply to this email.

# NOAA HYSPLIT MODEL

Dilution Factor (1/m<sup>3</sup>) averaged between 0 m and 100 m  
Integrated from 0645 24 Apr to 0748 24 Apr 19 (UTC)  
Unit Release started at 0645 24 Apr 19 (UTC)

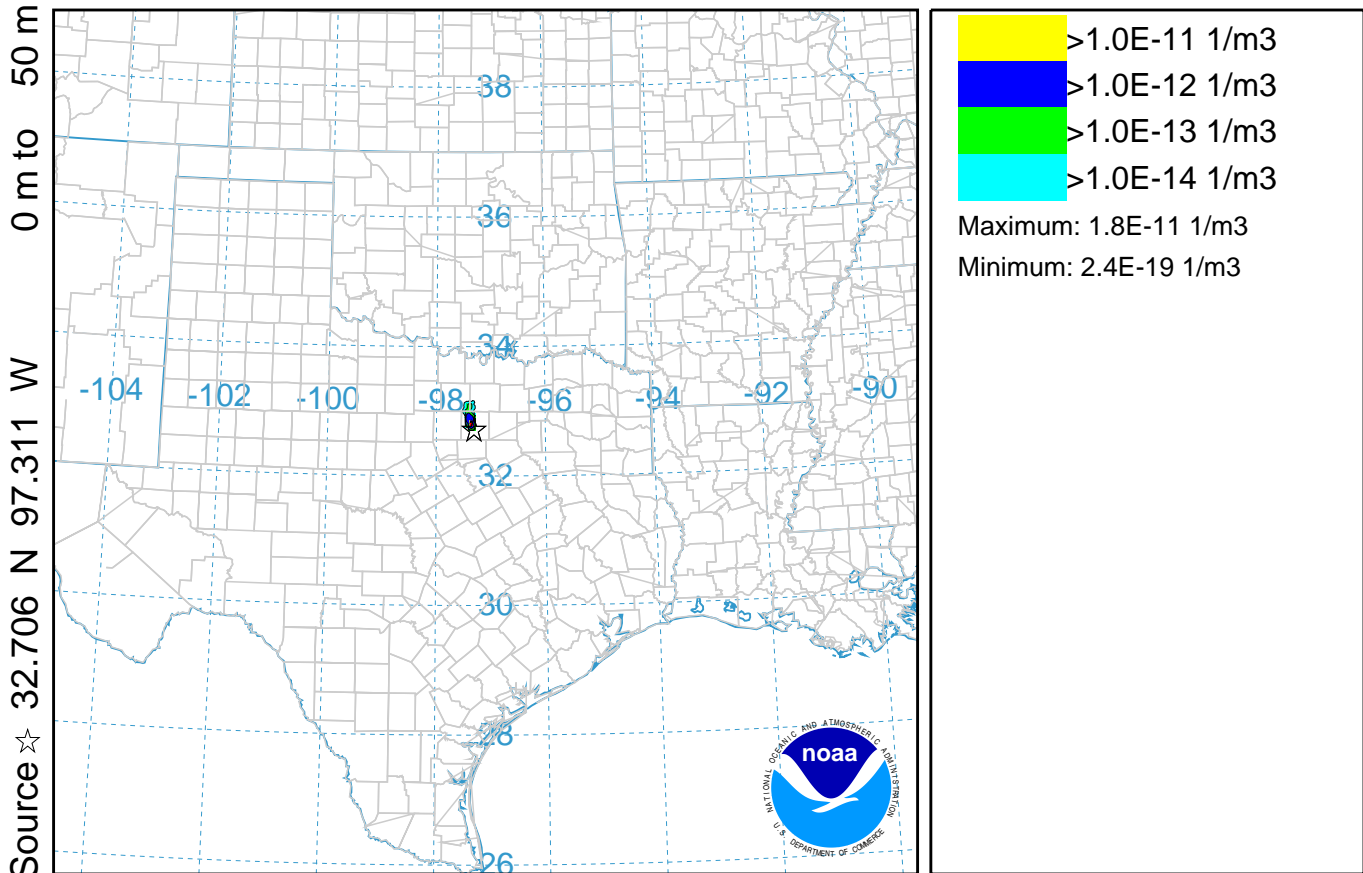


## NAMS METEOROLOGICAL DATA

Job ID: 21095      Job Start: Wed Apr 24 06:51:45 UTC 2019  
Release: lat.: 32.705953 lon.: -97.311101 Hgt: 0 to 50 m  
Pollutant: Unit - Hazmat\_Transportation  
Release Quantity: 1 mass Start: 19 04 24 6 45 Duration: 0 hrs, 10 min  
Pollutant Averaging/Integration Period: 1 hrs and 0 min  
Dry Deposition rate: 0 cm/s      Wet Removal: None #Part: 10000  
Meteorology: 0100Z 24 Apr 2019 - NAMCNEST  
Event: Real\_Event - Hazmat\_Transportation  
Produced by user: [REDACTED] - WFO: TX: Dallas/Fort\_Worth: [REDACTED]

# NOAA HYSPLIT MODEL

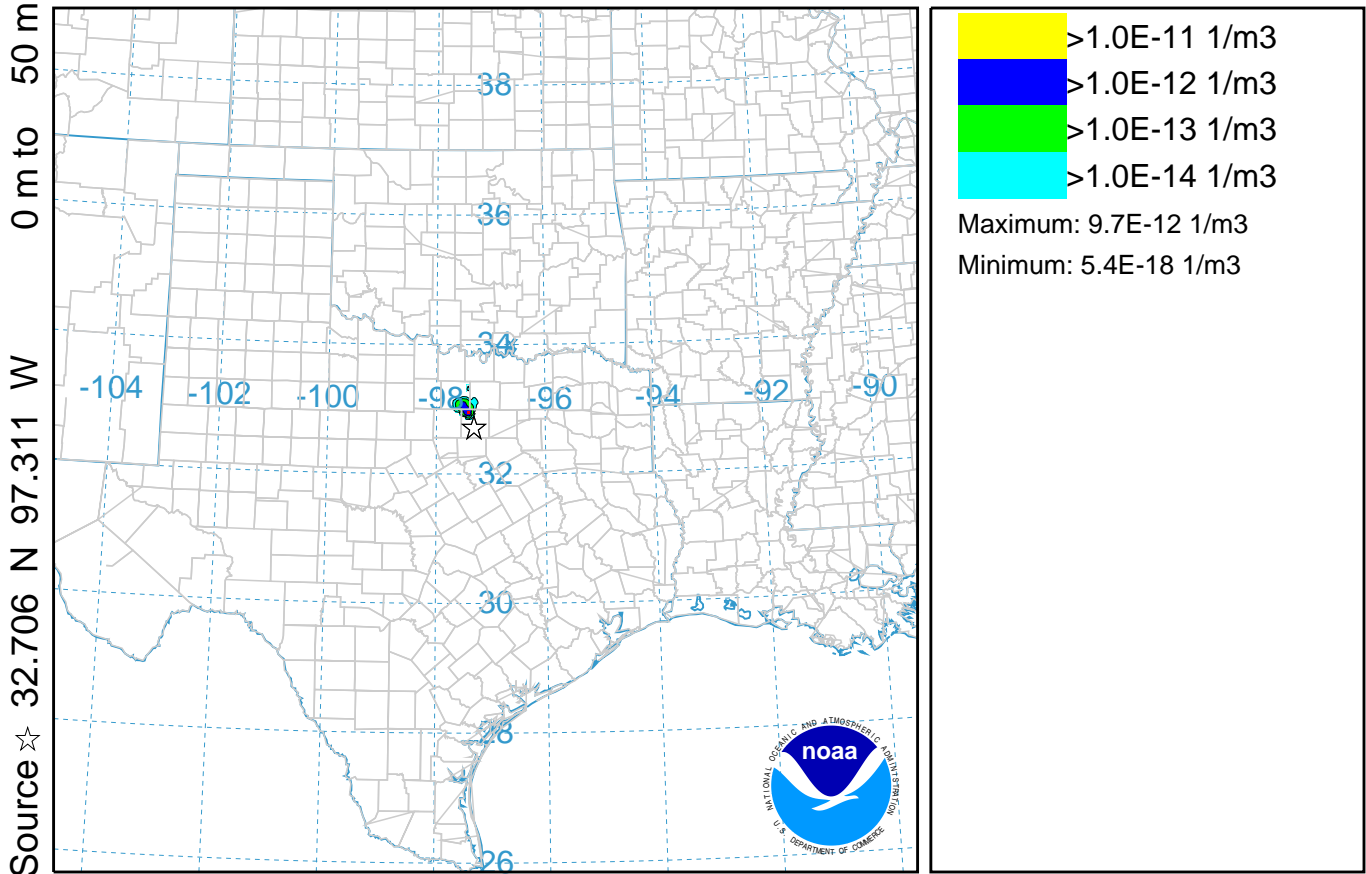
Dilution Factor (1/m<sup>3</sup>) averaged between 0 m and 100 m  
Integrated from 0748 24 Apr to 0845 24 Apr 19 (UTC)  
Unit Release started at 0645 24 Apr 19 (UTC)



Job ID: 21095      Job Start: Wed Apr 24 06:51:45 UTC 2019  
Release: lat.: 32.705953 lon.: -97.311101 Hgt: 0 to 50 m  
Pollutant: Unit - Hazmat\_Transportation  
Release Quantity: 1 mass Start: 19 04 24 6 45 Duration: 0 hrs, 10 min  
Pollutant Averaging/Integration Period: 1 hrs and 0 min  
Dry Deposition rate: 0 cm/s      Wet Removal: None #Part: 10000  
Meteorology: 0100Z 24 Apr 2019 - NAMCNEST  
Event: Real\_Event - Hazmat\_Transportation  
Produced by user: [REDACTED] - WFO: TX: Dallas/Fort\_Worth: [REDACTED]

# NOAA HYSPLIT MODEL

Dilution Factor (1/m<sup>3</sup>) averaged between 0 m and 100 m  
 Integrated from 0845 24 Apr to 0945 24 Apr 19 (UTC)  
 Unit Release started at 0645 24 Apr 19 (UTC)

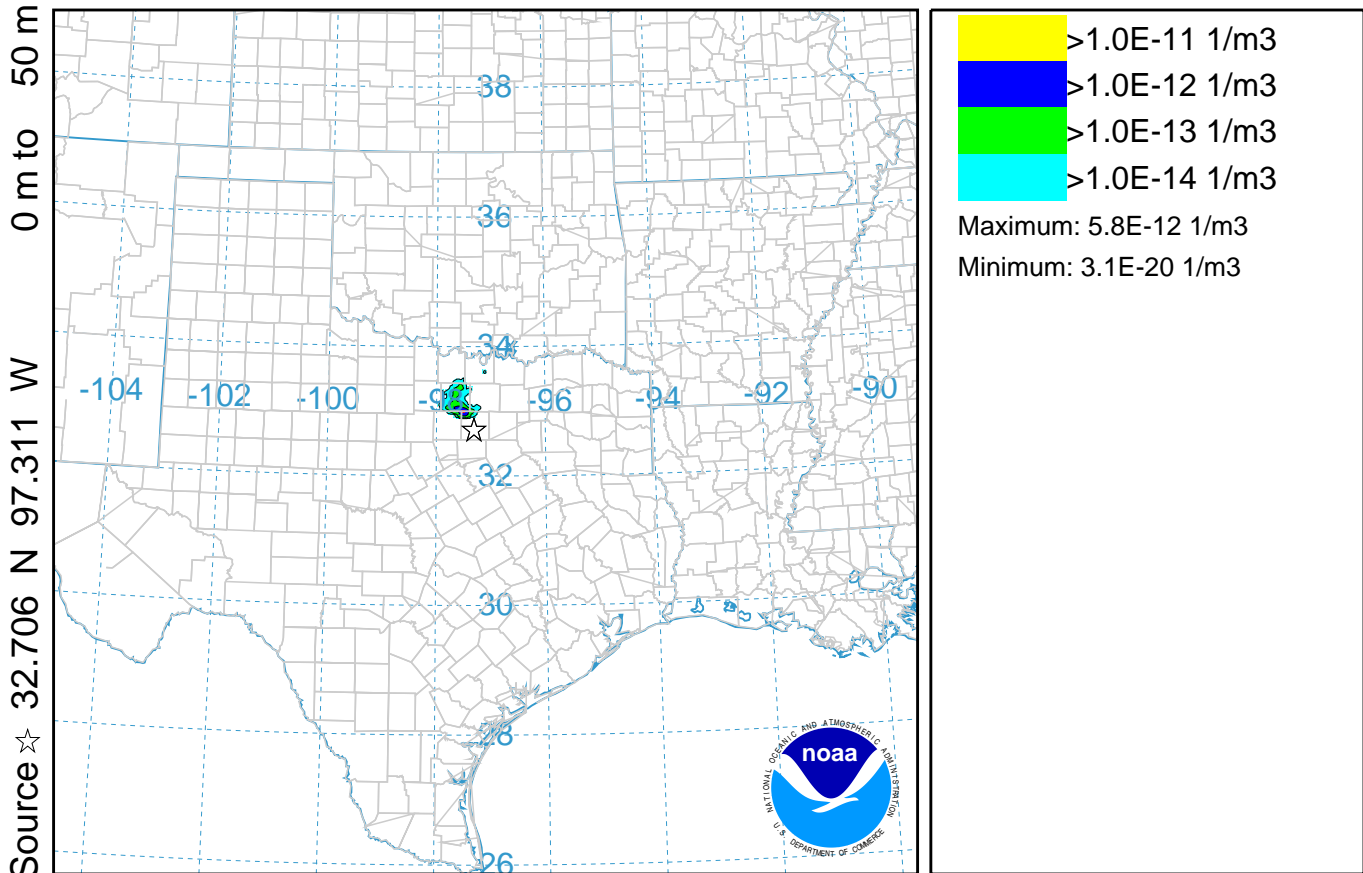


## NAMS METEOROLOGICAL DATA

Job ID: 21095      Job Start: Wed Apr 24 06:51:45 UTC 2019  
 Release: lat.: 32.705953 lon.: -97.311101 Hgt: 0 to 50 m  
 Pollutant: Unit - Hazmat\_Transportation  
 Release Quantity: 1 mass Start: 19 04 24 6 45 Duration: 0 hrs, 10 min  
 Pollutant Averaging/Integration Period: 1 hrs and 0 min  
 Dry Deposition rate: 0 cm/s      Wet Removal: None #Part: 10000  
 Meteorology: 0100Z 24 Apr 2019 - NAMCNEST  
 Event: Real\_Event - Hazmat\_Transportation  
 Produced by user: [REDACTED] - WFO: TX: Dallas/Fort\_Worth: [REDACTED]

# NOAA HYSPLIT MODEL

Dilution Factor (1/m<sup>3</sup>) averaged between 0 m and 100 m  
 Integrated from 0945 24 Apr to 1046 24 Apr 19 (UTC)  
 Unit Release started at 0645 24 Apr 19 (UTC)

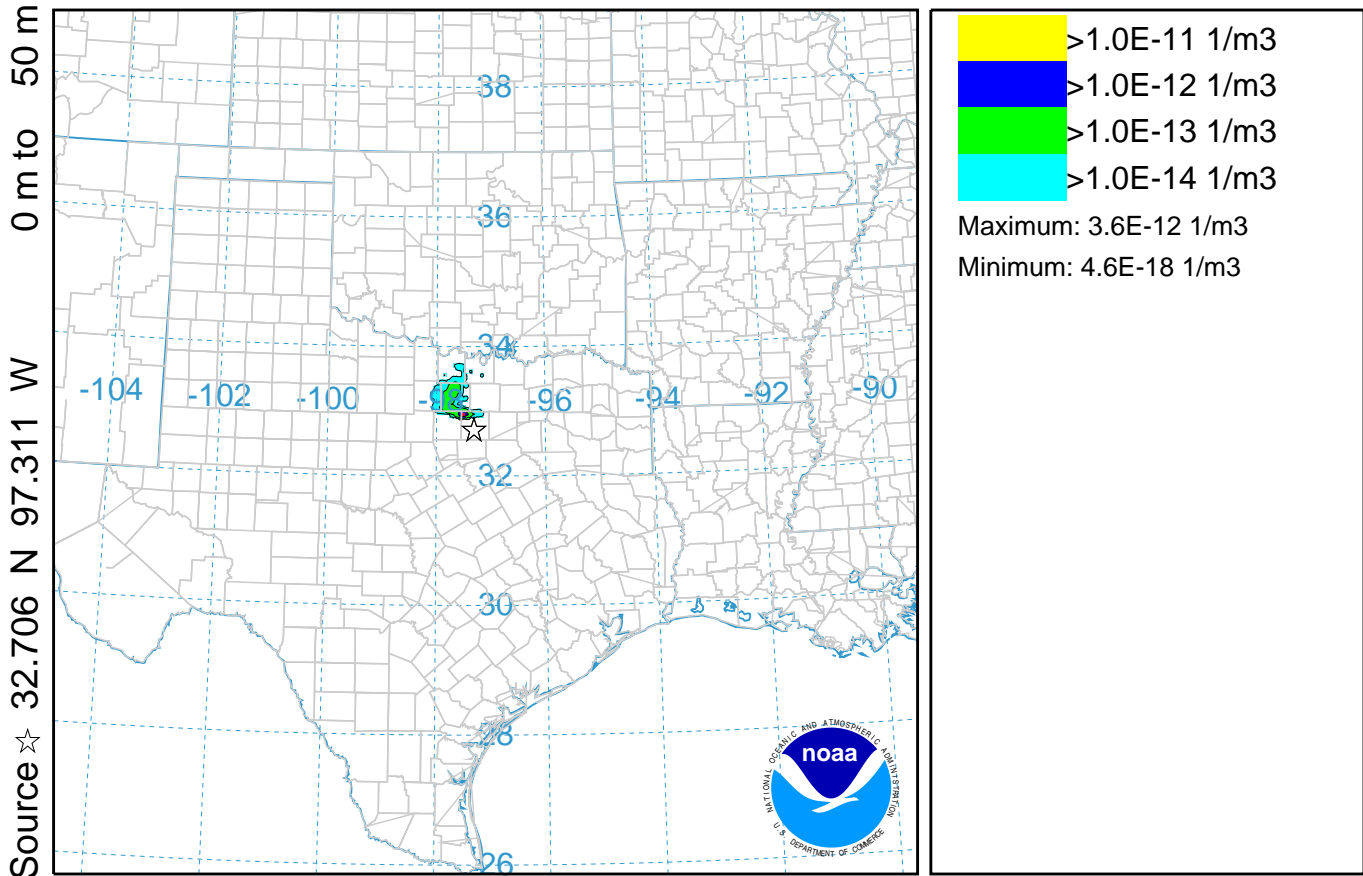


## NAMS METEOROLOGICAL DATA

Job ID: 21095      Job Start: Wed Apr 24 06:51:45 UTC 2019  
 Release: lat.: 32.705953 lon.: -97.311101 Hgt: 0 to 50 m  
 Pollutant: Unit - Hazmat\_Transportation  
 Release Quantity: 1 mass Start: 19 04 24 6 45 Duration: 0 hrs, 10 min  
 Pollutant Averaging/Integration Period: 1 hrs and 0 min  
 Dry Deposition rate: 0 cm/s      Wet Removal: None #Part: 10000  
 Meteorology: 0100Z 24 Apr 2019 - NAMCNEST  
 Event: Real\_Event - Hazmat\_Transportation  
 Produced by user: [REDACTED] - WFO: TX: Dallas/Fort\_Worth: [REDACTED]

# NOAA HYSPLIT MODEL

Dilution Factor (1/m<sup>3</sup>) averaged between 0 m and 100 m  
Integrated from 1046 24 Apr to 1146 24 Apr 19 (UTC)  
Unit Release started at 0645 24 Apr 19 (UTC)

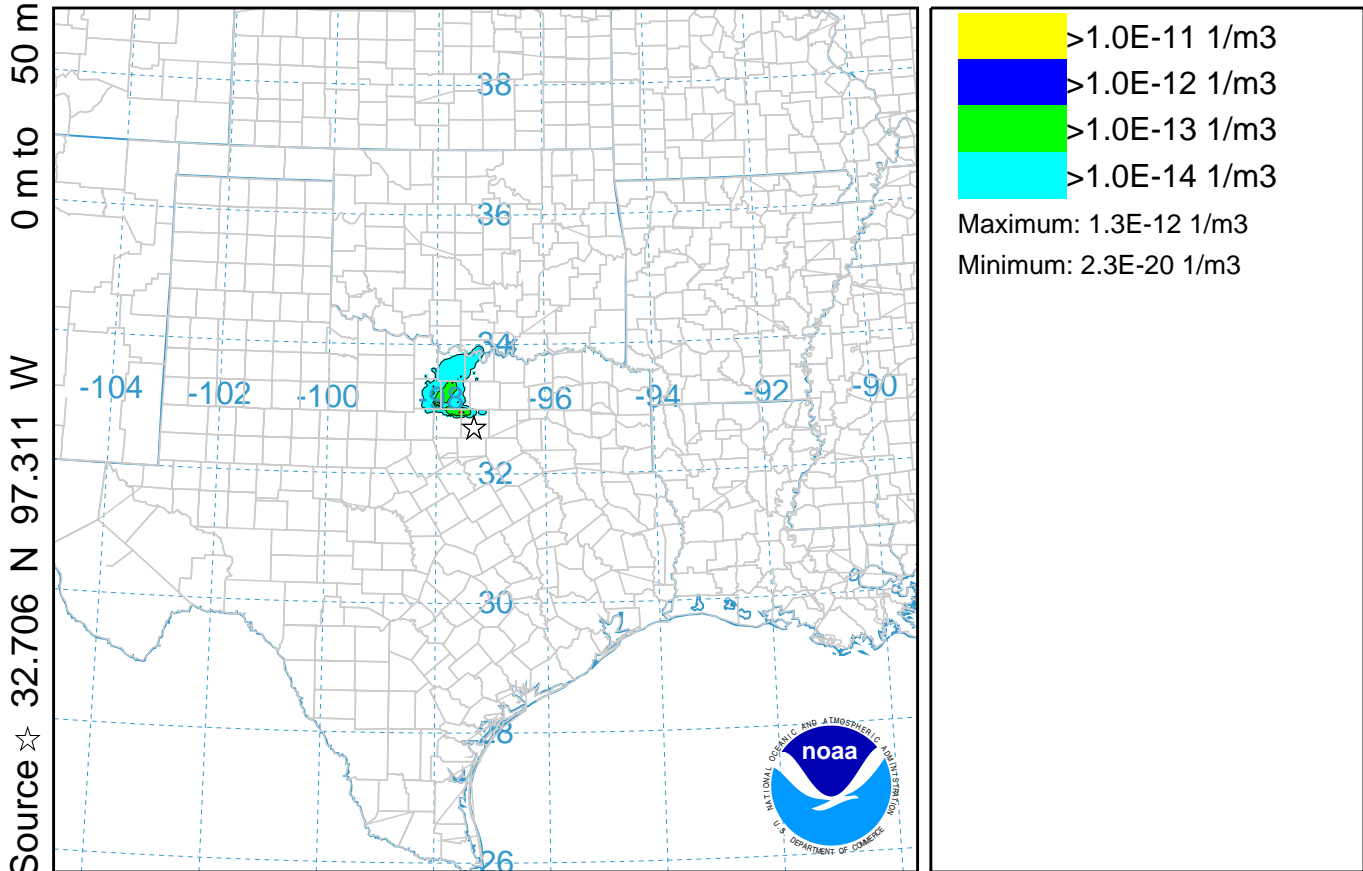


## NAMS METEOROLOGICAL DATA

Job ID: 21095      Job Start: Wed Apr 24 06:51:45 UTC 2019  
Release: lat.: 32.705953 lon.: -97.311101 Hgt: 0 to 50 m  
Pollutant: Unit - Hazmat\_Transportation  
Release Quantity: 1 mass Start: 19 04 24 6 45 Duration: 0 hrs, 10 min  
Pollutant Averaging/Integration Period: 1 hrs and 0 min  
Dry Deposition rate: 0 cm/s      Wet Removal: None #Part: 10000  
Meteorology: 0100Z 24 Apr 2019 - NAMCNEST  
Event: Real\_Event - Hazmat\_Transportation  
Produced by user: [REDACTED] - WFO: TX: Dallas/Fort\_Worth: [REDACTED]

# NOAA HYSPLIT MODEL

Dilution Factor (1/m<sup>3</sup>) averaged between 0 m and 100 m  
 Integrated from 1146 24 Apr to 1246 24 Apr 19 (UTC)  
 Unit Release started at 0645 24 Apr 19 (UTC)

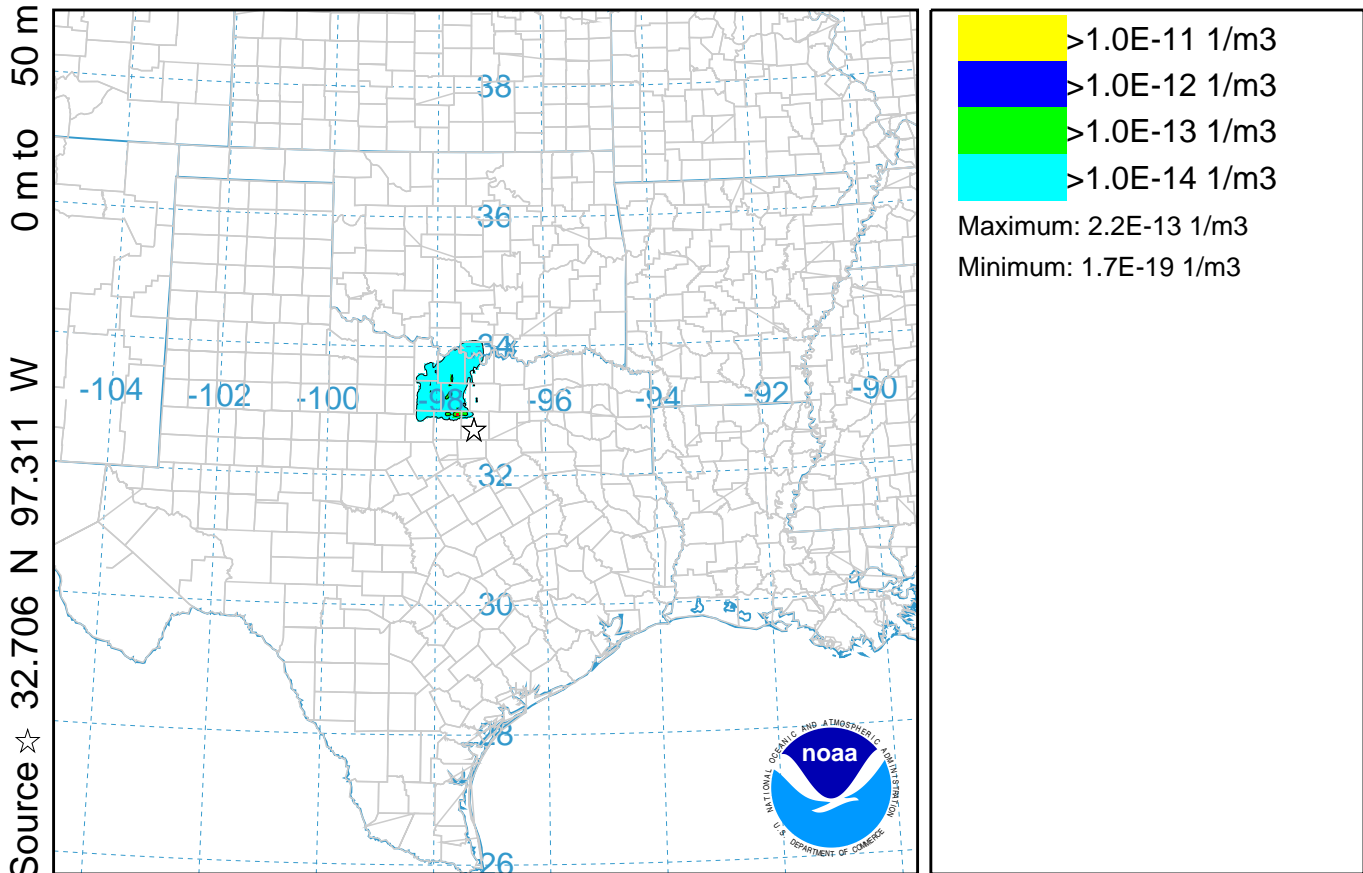


## 2300 23 Apr 19 NAMS FORECAST INITIALIZATION

Job ID: 21095      Job Start: Wed Apr 24 06:51:45 UTC 2019  
 Release: lat.: 32.705953 lon.: -97.311101 Hgt: 0 to 50 m  
 Pollutant: Unit - Hazmat\_Transportation  
 Release Quantity: 1 mass Start: 19 04 24 6 45 Duration: 0 hrs, 10 min  
 Pollutant Averaging/Integration Period: 1 hrs and 0 min  
 Dry Deposition rate: 0 cm/s      Wet Removal: None #Part: 10000  
 Meteorology: 0100Z 24 Apr 2019 - NAMCNEST  
 Event: Real\_Event - Hazmat\_Transportation  
 Produced by user: [REDACTED] - WFO: TX: Dallas/Fort\_Worth: [REDACTED]

# NOAA HYSPLIT MODEL

Dilution Factor (1/m<sup>3</sup>) averaged between 0 m and 100 m  
Integrated from 1246 24 Apr to 1346 24 Apr 19 (UTC)  
Unit Release started at 0645 24 Apr 19 (UTC)



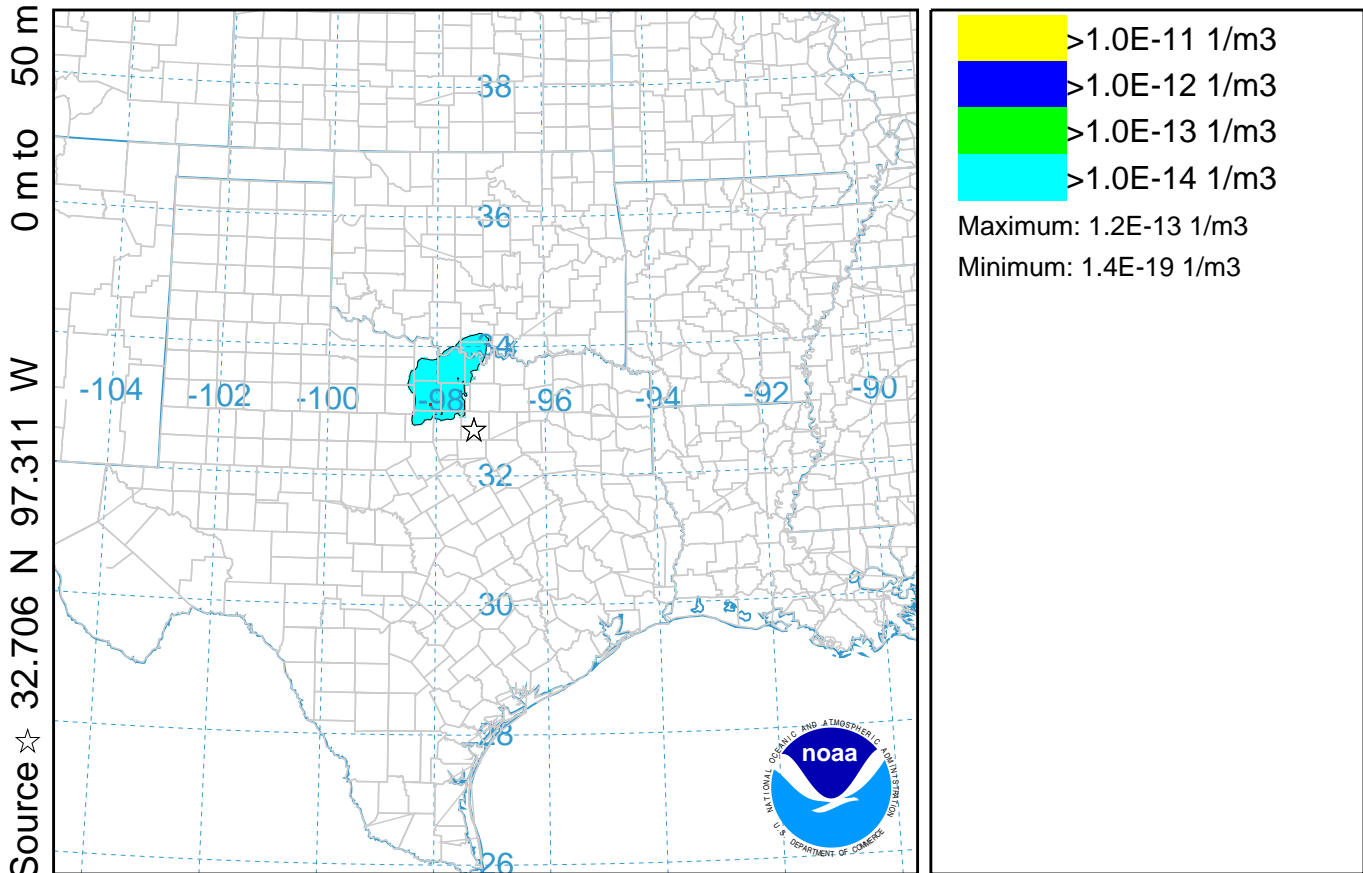
## 2300 23 Apr 19 NAMS FORECAST INITIALIZATION

Job ID: 21095      Job Start: Wed Apr 24 06:51:45 UTC 2019  
Release: lat.: 32.705953 lon.: -97.311101 Hgt: 0 to 50 m  
Pollutant: Unit - Hazmat\_Transportation  
Release Quantity: 1 mass Start: 19 04 24 6 45 Duration: 0 hrs, 10 min  
Pollutant Averaging/Integration Period: 1 hrs and 0 min  
Dry Deposition rate: 0 cm/s      Wet Removal: None #Part: 10000  
Meteorology: 0100Z 24 Apr 2019 - NAMCNEST  
Event: Real\_Event - Hazmat\_Transportation  
Produced by user: [REDACTED] - WFO: TX: Dallas/Fort\_Worth: [REDACTED]



# NOAA HYSPLIT MODEL

Dilution Factor (1/m<sup>3</sup>) averaged between 0 m and 100 m  
 Integrated from 1346 24 Apr to 1446 24 Apr 19 (UTC)  
 Unit Release started at 0645 24 Apr 19 (UTC)

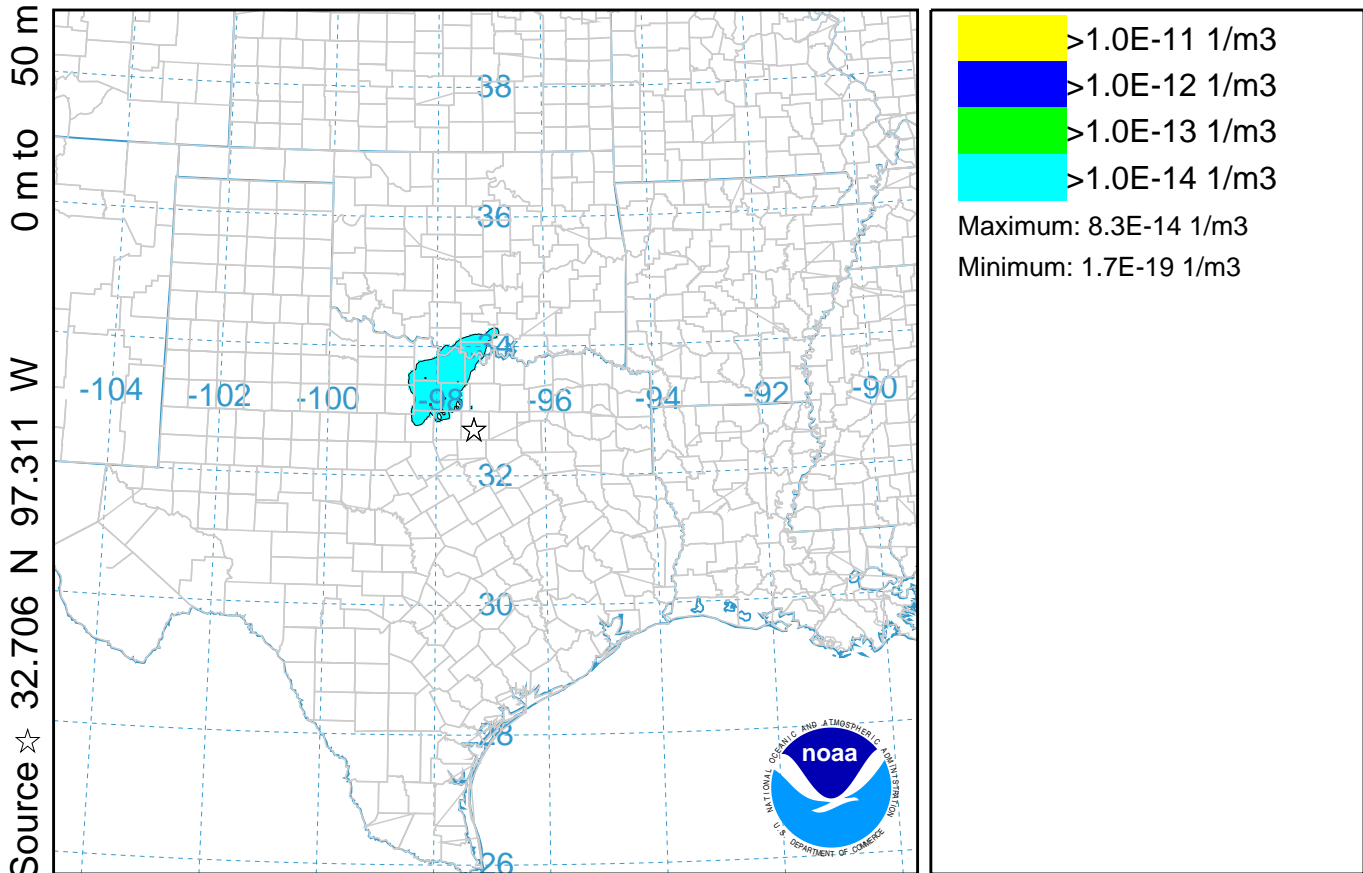


## 2300 23 Apr 19 NAMS FORECAST INITIALIZATION

Job ID: 21095      Job Start: Wed Apr 24 06:51:45 UTC 2019  
 Release: lat.: 32.705953 lon.: -97.311101 Hgt: 0 to 50 m  
 Pollutant: Unit - Hazmat\_Transportation  
 Release Quantity: 1 mass Start: 19 04 24 6 45 Duration: 0 hrs, 10 min  
 Pollutant Averaging/Integration Period: 1 hrs and 0 min  
 Dry Deposition rate: 0 cm/s      Wet Removal: None #Part: 10000  
 Meteorology: 0100Z 24 Apr 2019 - NAMCNEST  
 Event: Real\_Event - Hazmat\_Transportation  
 Produced by user: [REDACTED] - WFO: TX: Dallas/Fort\_Worth: [REDACTED]

## NOAA HYSPLIT MODEL

Dilution Factor (1/m<sup>3</sup>) averaged between 0 m and 100 m  
 Integrated from 1446 24 Apr to 1546 24 Apr 19 (UTC)  
 Unit Release started at 0645 24 Apr 19 (UTC)

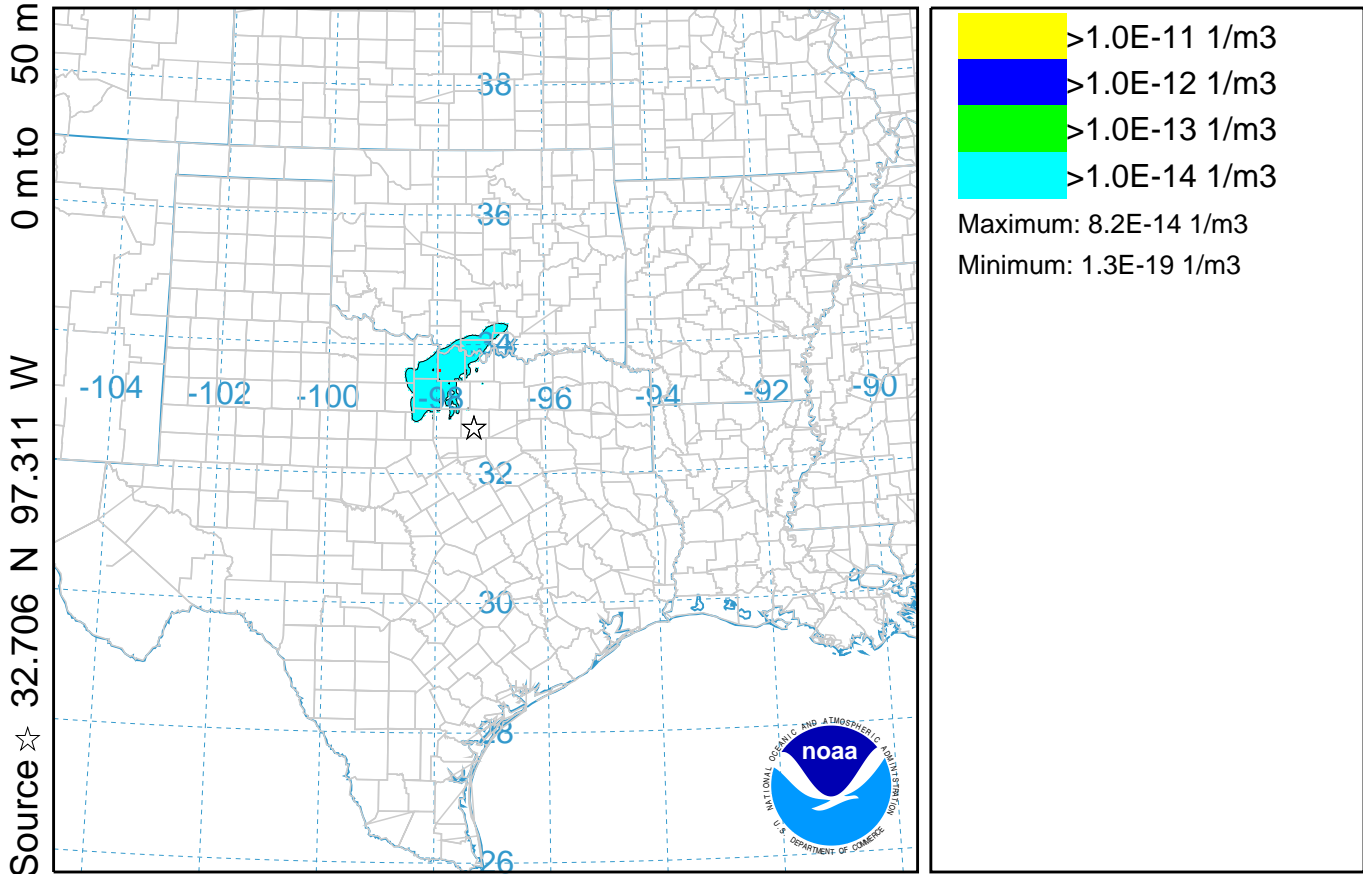


### 2300 23 Apr 19 NAMS FORECAST INITIALIZATION

Job ID: 21095                      Job Start: Wed Apr 24 06:51:45 UTC 2019  
 Release: lat.: 32.705953 lon.: -97.311101 Hgt: 0 to 50 m  
 Pollutant: Unit - Hazmat\_Transportation  
 Release Quantity: 1 mass Start: 19 04 24 6 45 Duration: 0 hrs, 10 min  
 Pollutant Averaging/Integration Period: 1 hrs and 0 min  
 Dry Deposition rate: 0 cm/s      Wet Removal: None #Part: 10000  
 Meteorology: 0100Z 24 Apr 2019 - NAMCNEST  
 Event: Real\_Event - Hazmat\_Transportation  
 Produced by user: ██████████ - WFO: TX: Dallas/Fort\_Worth: ██████████

# NOAA HYSPLIT MODEL

Dilution Factor (1/m<sup>3</sup>) averaged between 0 m and 100 m  
 Integrated from 1546 24 Apr to 1646 24 Apr 19 (UTC)  
 Unit Release started at 0645 24 Apr 19 (UTC)

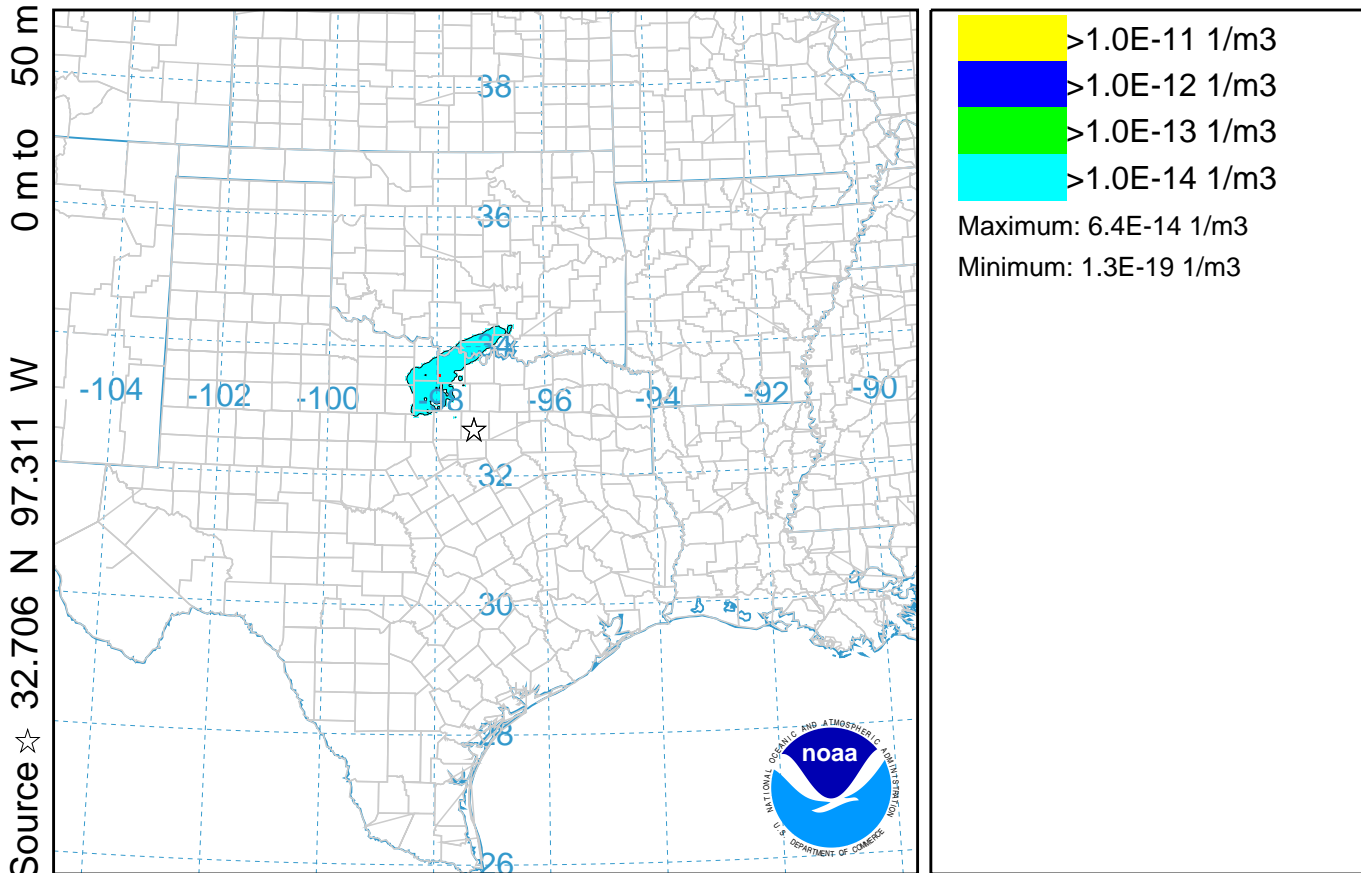


## 2300 23 Apr 19 NAMS FORECAST INITIALIZATION

Job ID: 21095                      Job Start: Wed Apr 24 06:51:45 UTC 2019  
 Release: lat.: 32.705953 lon.: -97.311101 Hgt: 0 to 50 m  
 Pollutant: Unit - Hazmat\_Transportation  
 Release Quantity: 1 mass Start: 19 04 24 6 45 Duration: 0 hrs, 10 min  
 Pollutant Averaging/Integration Period: 1 hrs and 0 min  
 Dry Deposition rate: 0 cm/s    Wet Removal: None #Part: 10000  
 Meteorology: 0100Z 24 Apr 2019 - NAMCNEST  
 Event: Real\_Event - Hazmat\_Transportation  
 Produced by user: ██████████ - WFO: TX: Dallas/Fort\_Worth: ██████████

# NOAA HYSPLIT MODEL

Dilution Factor (1/m<sup>3</sup>) averaged between 0 m and 100 m  
Integrated from 1646 24 Apr to 1745 24 Apr 19 (UTC)  
Unit Release started at 0645 24 Apr 19 (UTC)

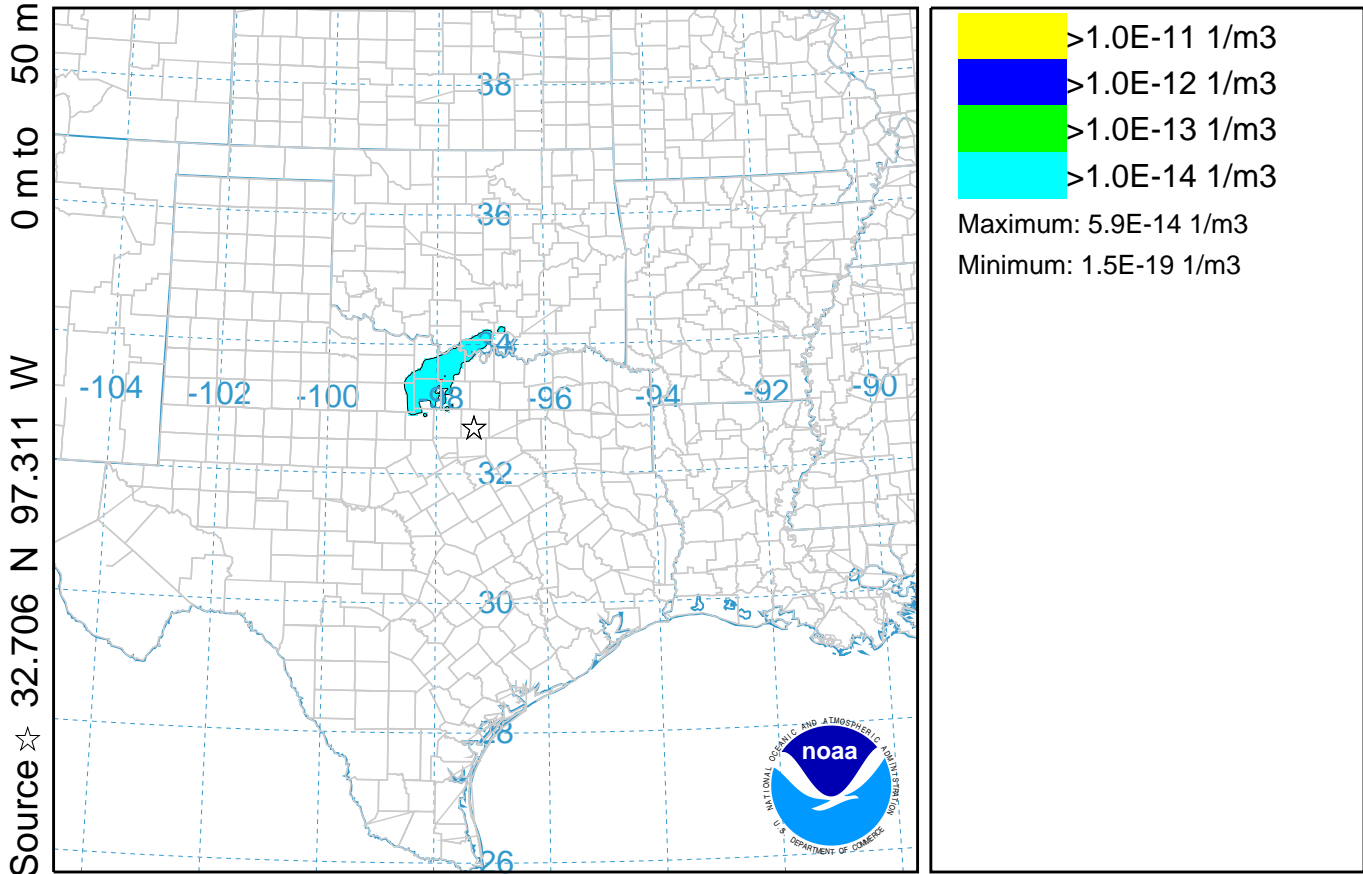


## NAMS METEOROLOGICAL DATA

Job ID: 21095      Job Start: Wed Apr 24 06:51:45 UTC 2019  
Release: lat.: 32.705953 lon.: -97.311101 Hgt: 0 to 50 m  
Pollutant: Unit - Hazmat\_Transportation  
Release Quantity: 1 mass Start: 19 04 24 6 45 Duration: 0 hrs, 10 min  
Pollutant Averaging/Integration Period: 1 hrs and 0 min  
Dry Deposition rate: 0 cm/s      Wet Removal: None #Part: 10000  
Meteorology: 0100Z 24 Apr 2019 - NAMCNEST  
Event: Real\_Event - Hazmat\_Transportation  
Produced by user: [REDACTED] - WFO: TX: Dallas/Fort\_Worth: [REDACTED]

# NOAA HYSPLIT MODEL

Dilution Factor (1/m<sup>3</sup>) averaged between 0 m and 100 m  
 Integrated from 1745 24 Apr to 1846 24 Apr 19 (UTC)  
 Unit Release started at 0645 24 Apr 19 (UTC)

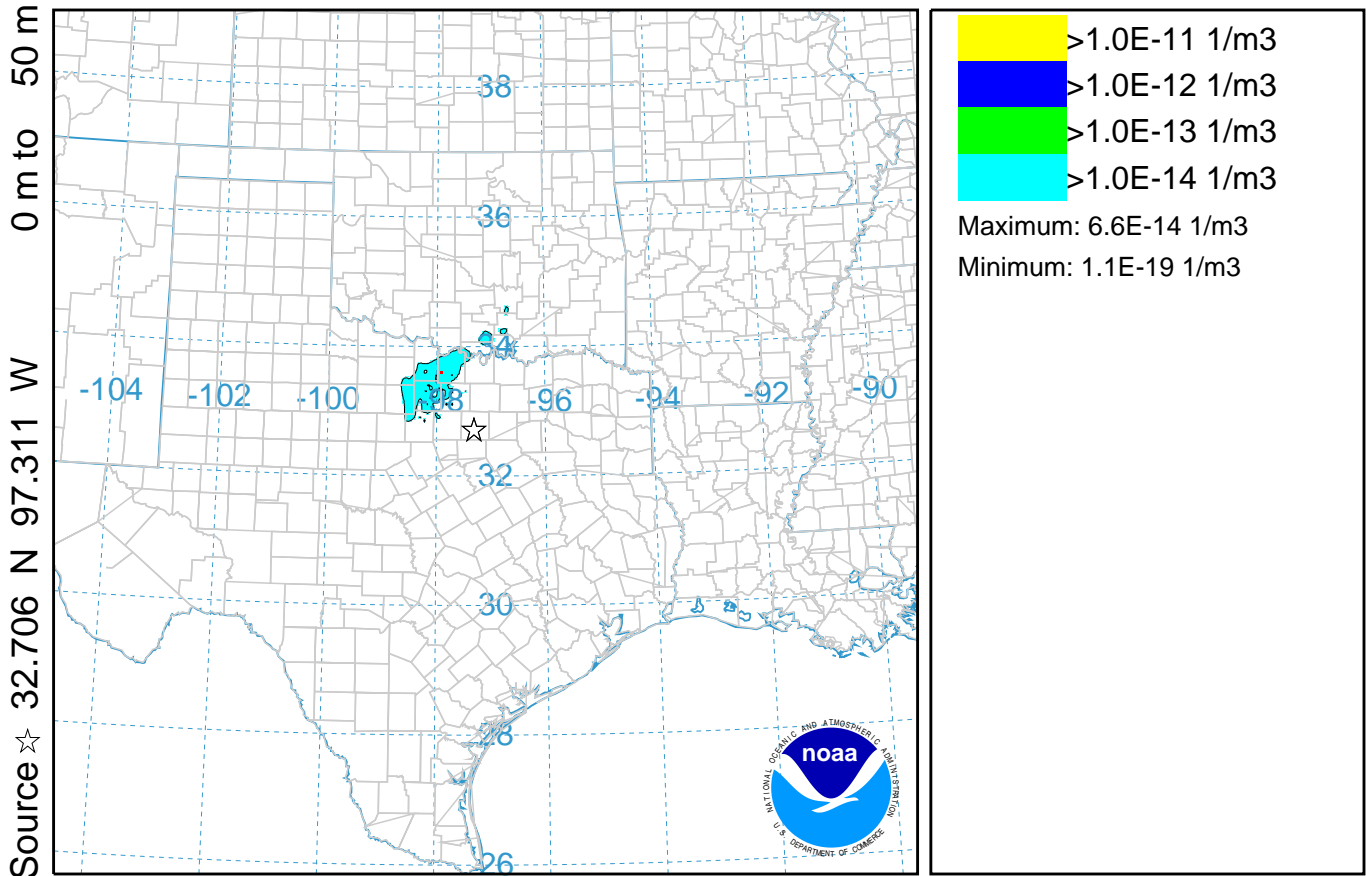


## NAMS METEOROLOGICAL DATA

Job ID: 21095      Job Start: Wed Apr 24 06:51:45 UTC 2019  
 Release: lat.: 32.705953 lon.: -97.311101 Hgt: 0 to 50 m  
 Pollutant: Unit - Hazmat\_Transportation  
 Release Quantity: 1 mass Start: 19 04 24 6 45 Duration: 0 hrs, 10 min  
 Pollutant Averaging/Integration Period: 1 hrs and 0 min  
 Dry Deposition rate: 0 cm/s      Wet Removal: None #Part: 10000  
 Meteorology: 0100Z 24 Apr 2019 - NAMCNEST  
 Event: Real\_Event - Hazmat\_Transportation  
 Produced by user: ██████████ - WFO: TX: Dallas/Fort\_Worth: ██████████

# NOAA HYSPLIT MODEL

Dilution Factor (1/m<sup>3</sup>) averaged between 0 m and 100 m  
Integrated from 1846 24 Apr to 1945 24 Apr 19 (UTC)  
Unit Release started at 0645 24 Apr 19 (UTC)

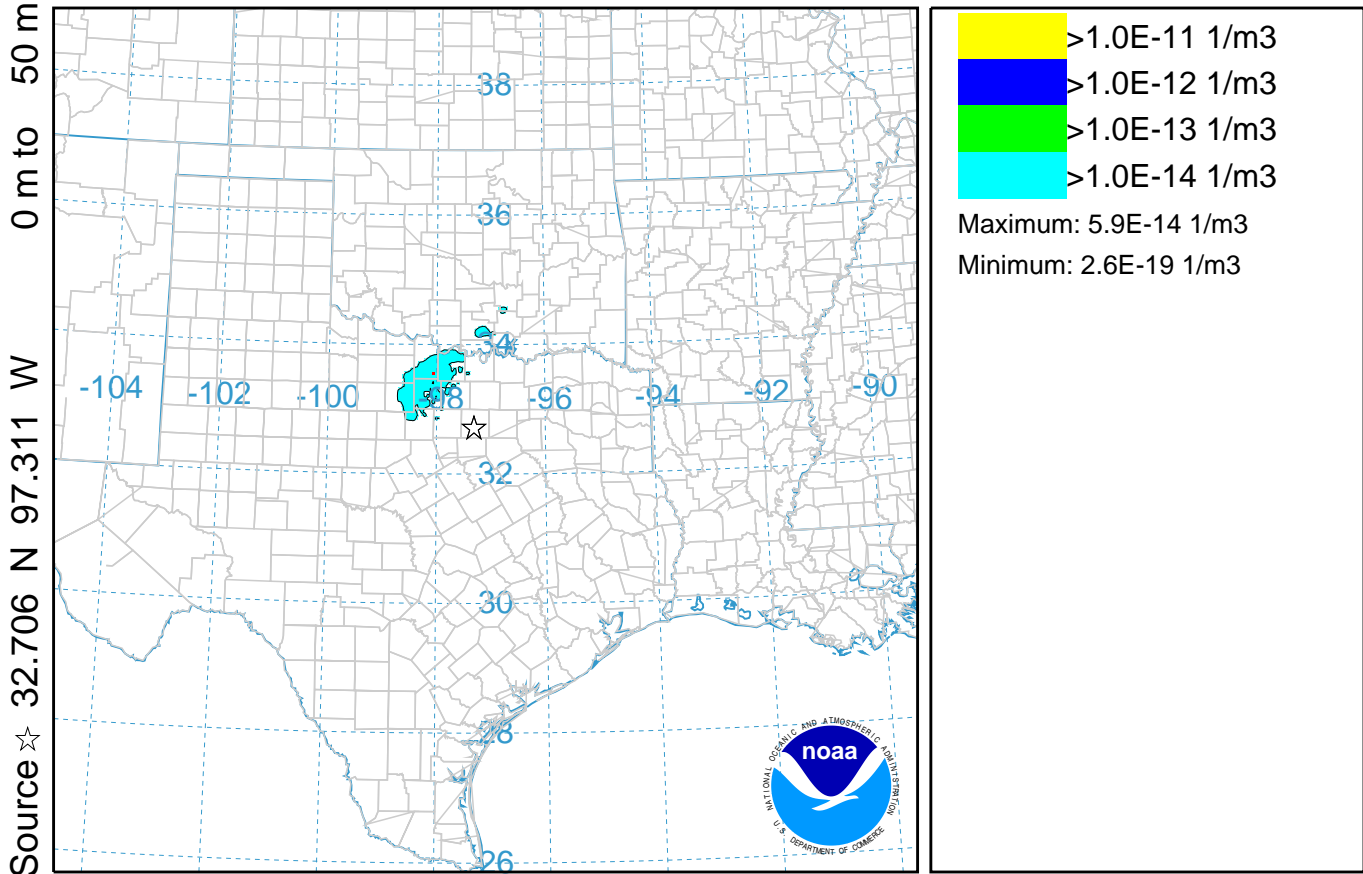


## NAMS METEOROLOGICAL DATA

Job ID: 21095      Job Start: Wed Apr 24 06:51:45 UTC 2019  
Release: lat.: 32.705953 lon.: -97.311101 Hgt: 0 to 50 m  
Pollutant: Unit - Hazmat\_Transportation  
Release Quantity: 1 mass Start: 19 04 24 6 45 Duration: 0 hrs, 10 min  
Pollutant Averaging/Integration Period: 1 hrs and 0 min  
Dry Deposition rate: 0 cm/s      Wet Removal: None #Part: 10000  
Meteorology: 0100Z 24 Apr 2019 - NAMCNEST  
Event: Real\_Event - Hazmat\_Transportation  
Produced by user: [REDACTED] - WFO: TX: Dallas/Fort\_Worth: [REDACTED]

# NOAA HYSPLIT MODEL

Dilution Factor (1/m<sup>3</sup>) averaged between 0 m and 100 m  
 Integrated from 1945 24 Apr to 2046 24 Apr 19 (UTC)  
 Unit Release started at 0645 24 Apr 19 (UTC)

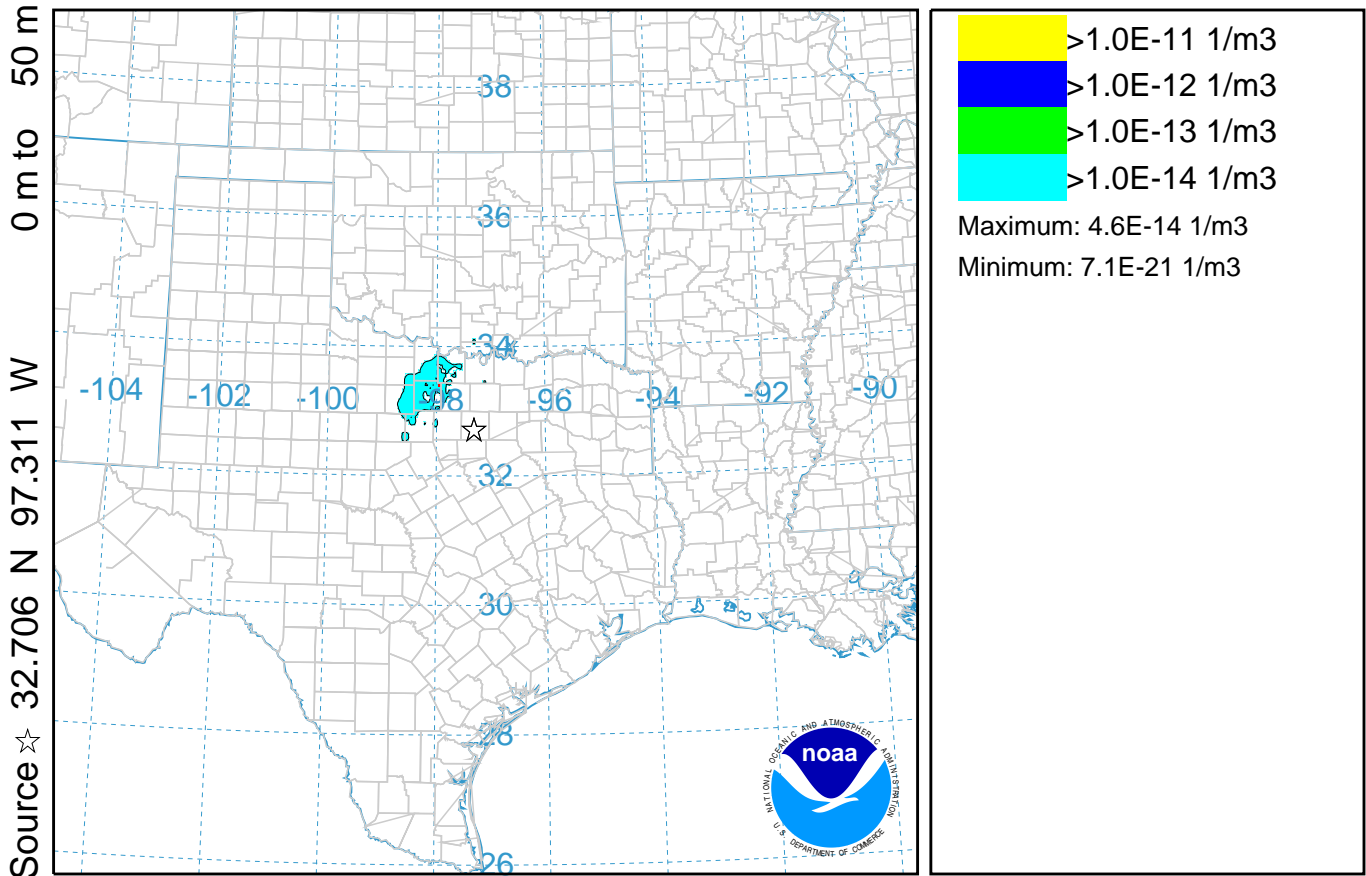


## NAMS METEOROLOGICAL DATA

Job ID: 21095      Job Start: Wed Apr 24 06:51:45 UTC 2019  
 Release: lat.: 32.705953 lon.: -97.311101 Hgt: 0 to 50 m  
 Pollutant: Unit - Hazmat\_Transportation  
 Release Quantity: 1 mass Start: 19 04 24 6 45 Duration: 0 hrs, 10 min  
 Pollutant Averaging/Integration Period: 1 hrs and 0 min  
 Dry Deposition rate: 0 cm/s      Wet Removal: None #Part: 10000  
 Meteorology: 0100Z 24 Apr 2019 - NAMCNEST  
 Event: Real\_Event - Hazmat\_Transportation  
 Produced by user: [REDACTED] - WFO: TX: Dallas/Fort\_Worth: [REDACTED]

# NOAA HYSPLIT MODEL

Dilution Factor (1/m<sup>3</sup>) averaged between 0 m and 100 m  
Integrated from 2046 24 Apr to 2145 24 Apr 19 (UTC)  
Unit Release started at 0645 24 Apr 19 (UTC)



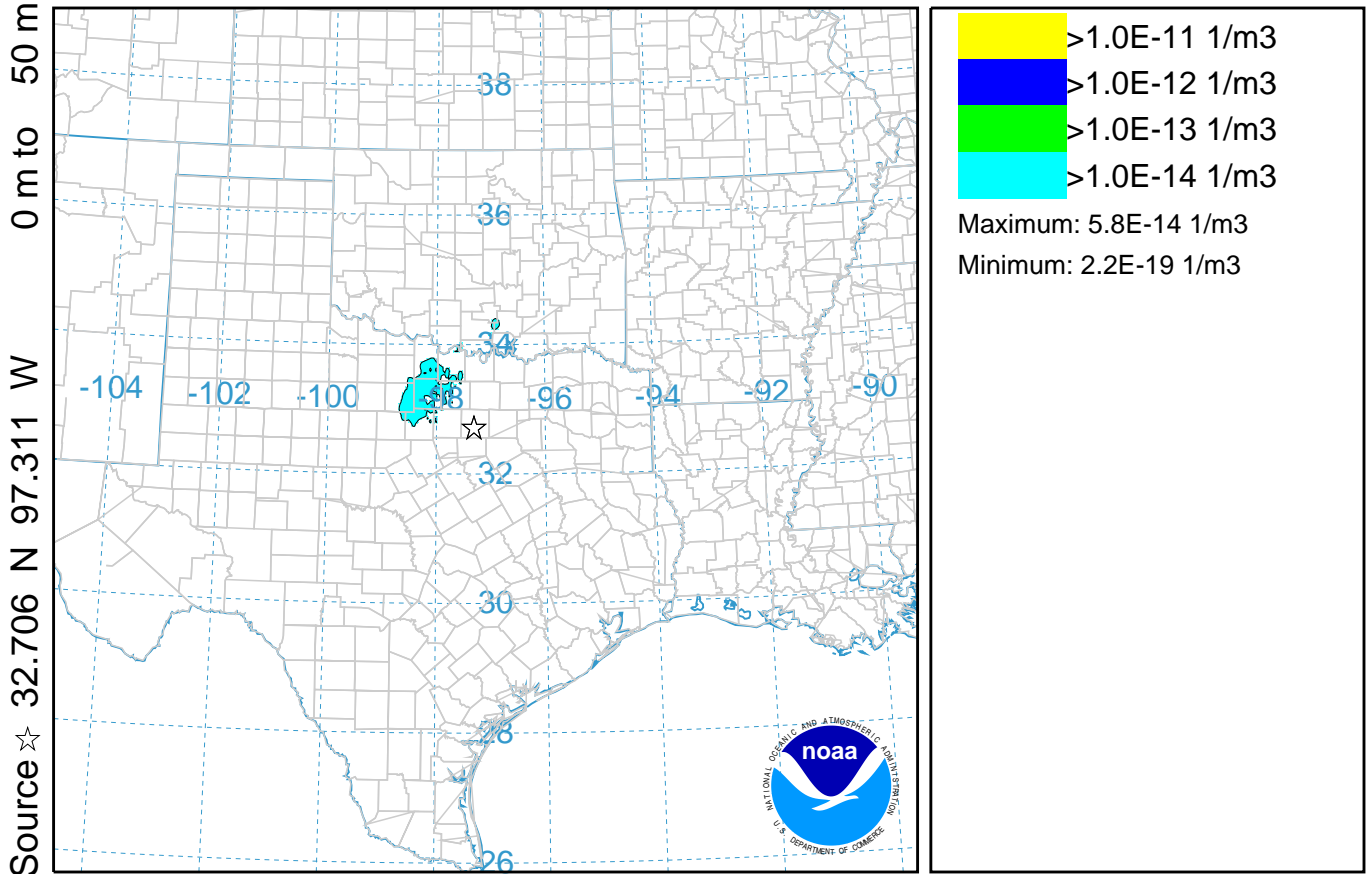
## NAMS METEOROLOGICAL DATA

Job ID: 21095      Job Start: Wed Apr 24 06:51:45 UTC 2019  
Release: lat.: 32.705953 lon.: -97.311101 Hgt: 0 to 50 m  
Pollutant: Unit - Hazmat\_Transportation  
Release Quantity: 1 mass Start: 19 04 24 6 45 Duration: 0 hrs, 10 min  
Pollutant Averaging/Integration Period: 1 hrs and 0 min  
Dry Deposition rate: 0 cm/s      Wet Removal: None #Part: 10000  
Meteorology: 0100Z 24 Apr 2019 - NAMCNEST  
Event: Real\_Event - Hazmat\_Transportation  
Produced by user: [REDACTED] - WFO: TX: Dallas/Fort\_Worth: [REDACTED]



# NOAA HYSPLIT MODEL

Dilution Factor (1/m<sup>3</sup>) averaged between 0 m and 100 m  
Integrated from 2145 24 Apr to 2246 24 Apr 19 (UTC)  
Unit Release started at 0645 24 Apr 19 (UTC)

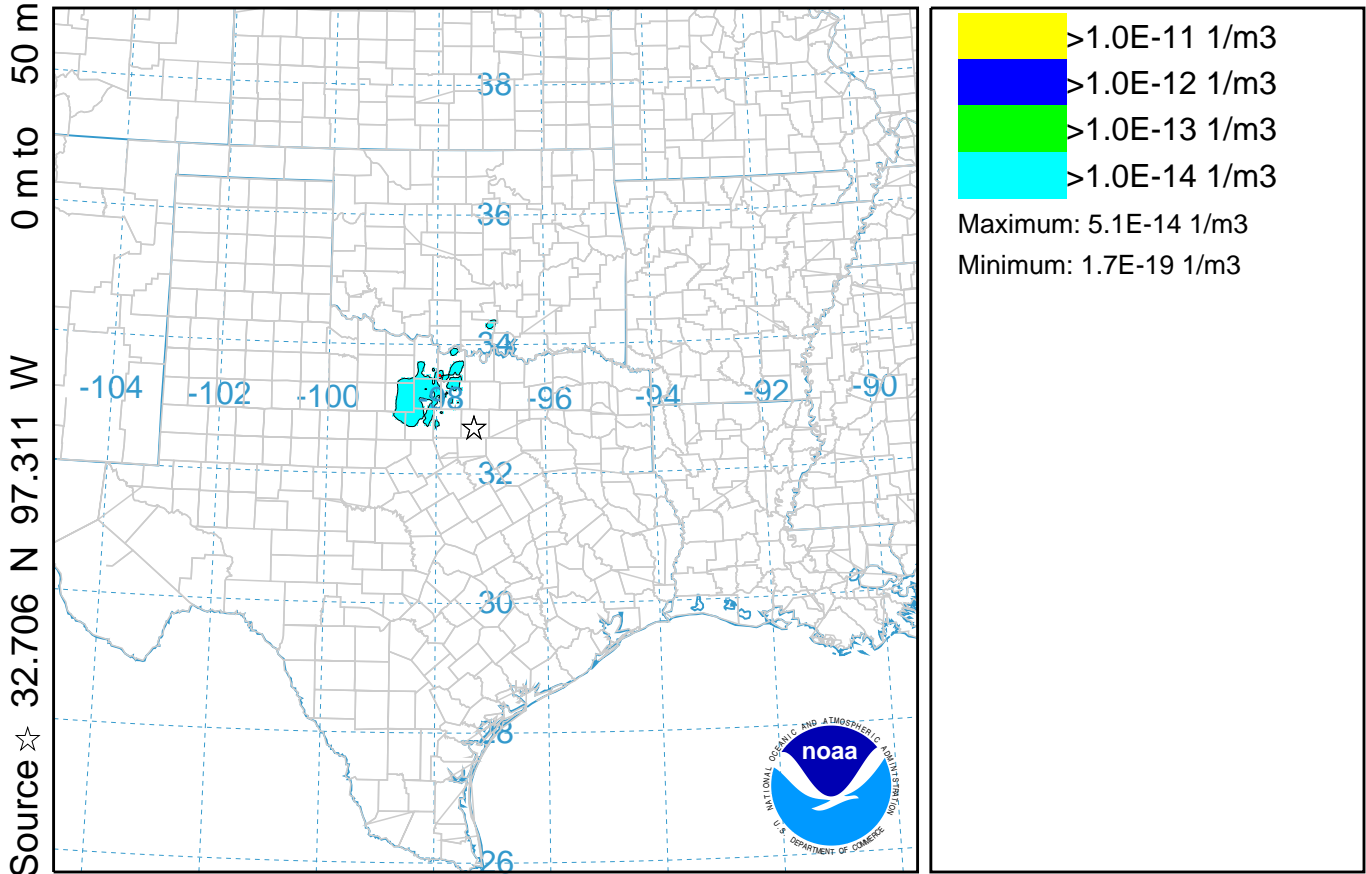


## NAMS METEOROLOGICAL DATA

Job ID: 21095      Job Start: Wed Apr 24 06:51:45 UTC 2019  
Release: lat.: 32.705953 lon.: -97.311101 Hgt: 0 to 50 m  
Pollutant: Unit - Hazmat\_Transportation  
Release Quantity: 1 mass Start: 19 04 24 6 45 Duration: 0 hrs, 10 min  
Pollutant Averaging/Integration Period: 1 hrs and 0 min  
Dry Deposition rate: 0 cm/s      Wet Removal: None #Part: 10000  
Meteorology: 0100Z 24 Apr 2019 - NAMCNEST  
Event: Real\_Event - Hazmat\_Transportation  
Produced by user: [REDACTED] - WFO: TX: Dallas/Fort\_Worth: [REDACTED]

# NOAA HYSPLIT MODEL

Dilution Factor (1/m<sup>3</sup>) averaged between 0 m and 100 m  
 Integrated from 2246 24 Apr to 2345 24 Apr 19 (UTC)  
 Unit Release started at 0645 24 Apr 19 (UTC)

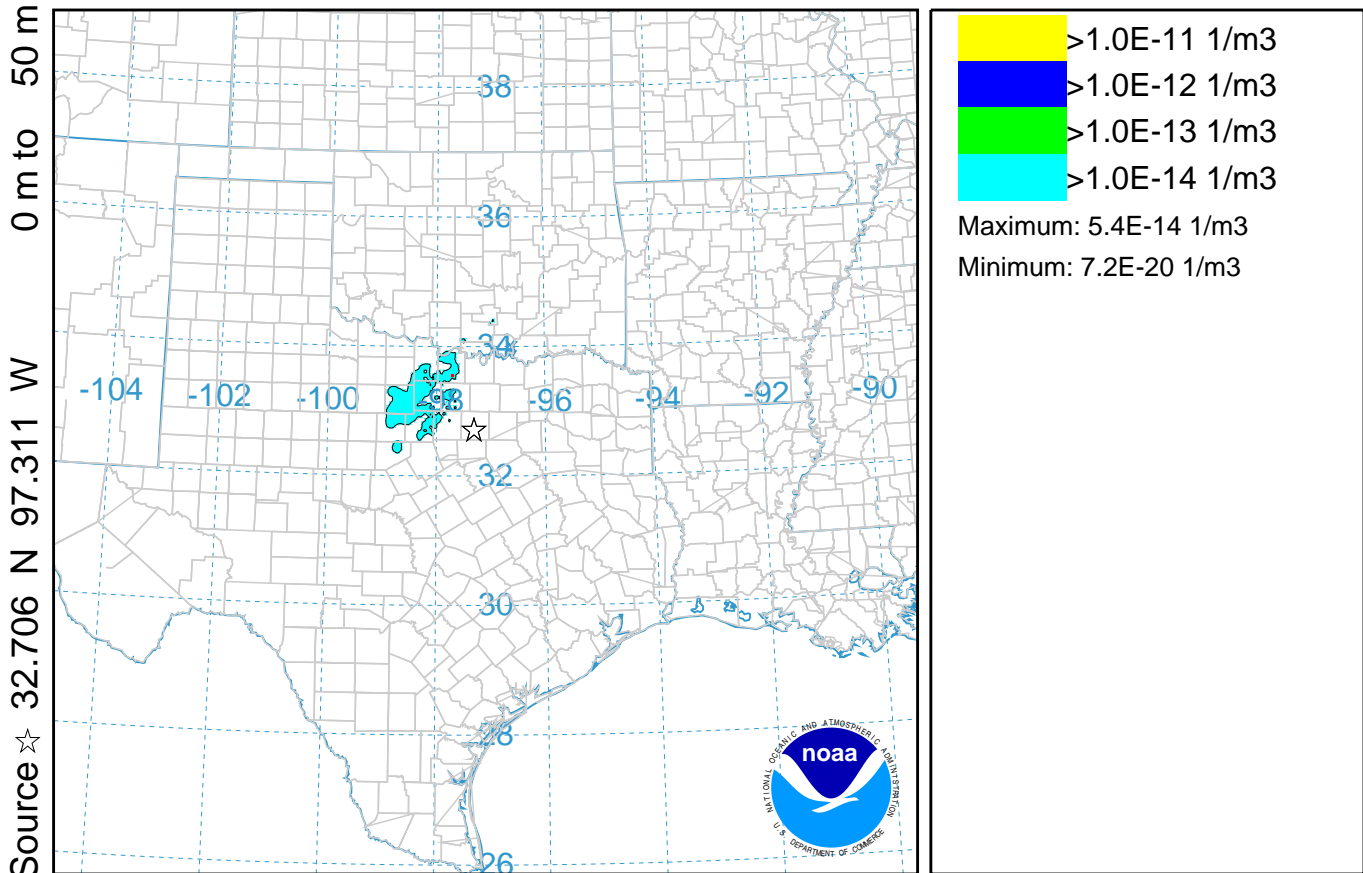


## NAMS METEOROLOGICAL DATA

Job ID: 21095      Job Start: Wed Apr 24 06:51:45 UTC 2019  
 Release: lat.: 32.705953 lon.: -97.311101 Hgt: 0 to 50 m  
 Pollutant: Unit - Hazmat\_Transportation  
 Release Quantity: 1 mass Start: 19 04 24 6 45 Duration: 0 hrs, 10 min  
 Pollutant Averaging/Integration Period: 1 hrs and 0 min  
 Dry Deposition rate: 0 cm/s      Wet Removal: None #Part: 10000  
 Meteorology: 0100Z 24 Apr 2019 - NAMCNEST  
 Event: Real\_Event - Hazmat\_Transportation  
 Produced by user: ██████████ - WFO: TX: Dallas/Fort\_Worth: ██████████

# NOAA HYSPLIT MODEL

Dilution Factor (1/m<sup>3</sup>) averaged between 0 m and 100 m  
 Integrated from 2345 24 Apr to 0046 25 Apr 19 (UTC)  
 Unit Release started at 0645 24 Apr 19 (UTC)

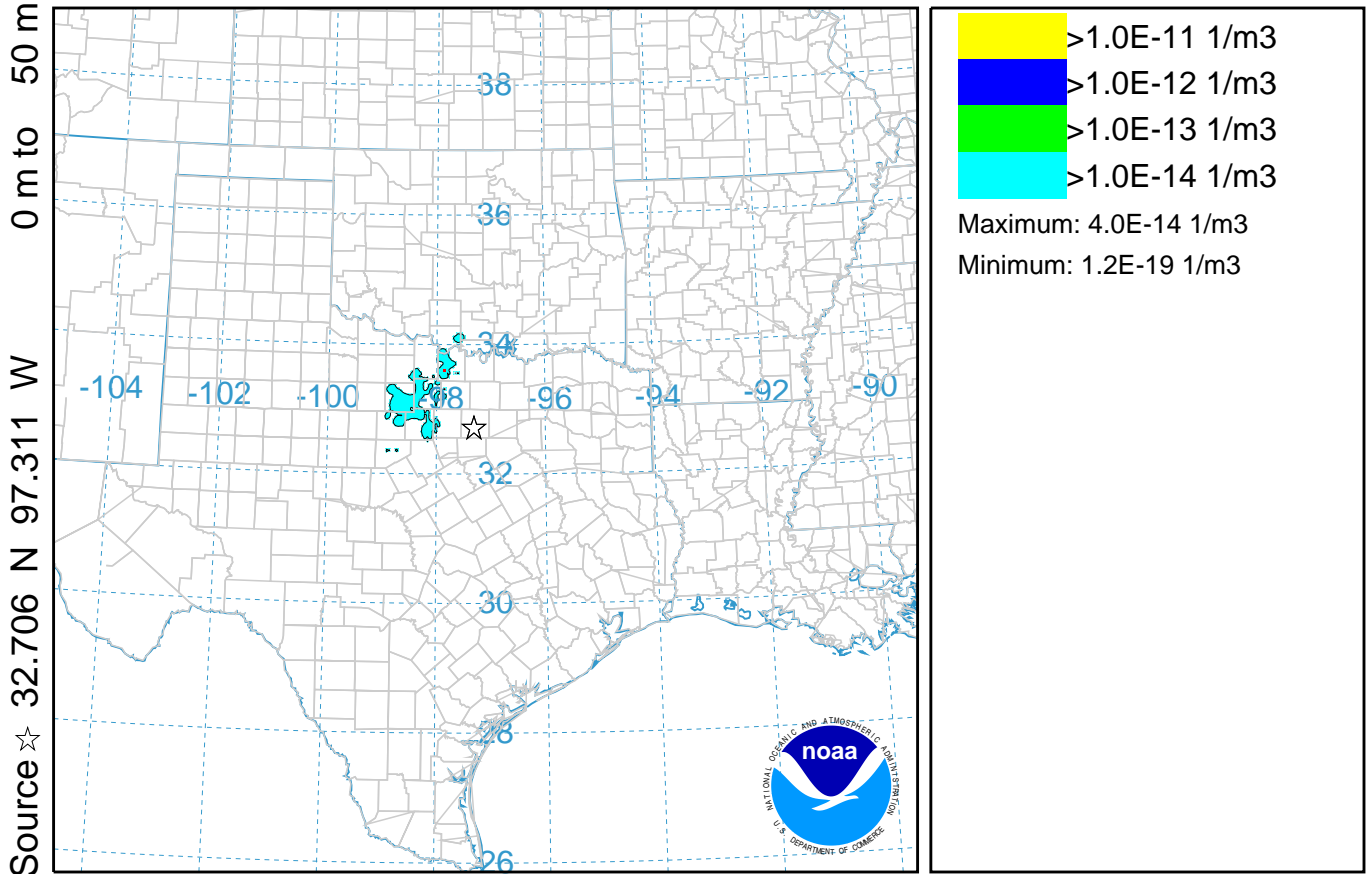


## NAMS METEOROLOGICAL DATA

Job ID: 21095      Job Start: Wed Apr 24 06:51:45 UTC 2019  
 Release: lat.: 32.705953 lon.: -97.311101 Hgt: 0 to 50 m  
 Pollutant: Unit - Hazmat\_Transportation  
 Release Quantity: 1 mass Start: 19 04 24 6 45 Duration: 0 hrs, 10 min  
 Pollutant Averaging/Integration Period: 1 hrs and 0 min  
 Dry Deposition rate: 0 cm/s      Wet Removal: None #Part: 10000  
 Meteorology: 0100Z 24 Apr 2019 - NAMCNEST  
 Event: Real\_Event - Hazmat\_Transportation  
 Produced by user: [REDACTED] - WFO: TX: Dallas/Fort\_Worth: [REDACTED]

# NOAA HYSPLIT MODEL

Dilution Factor (1/m<sup>3</sup>) averaged between 0 m and 100 m  
Integrated from 0046 25 Apr to 0145 25 Apr 19 (UTC)  
Unit Release started at 0645 24 Apr 19 (UTC)

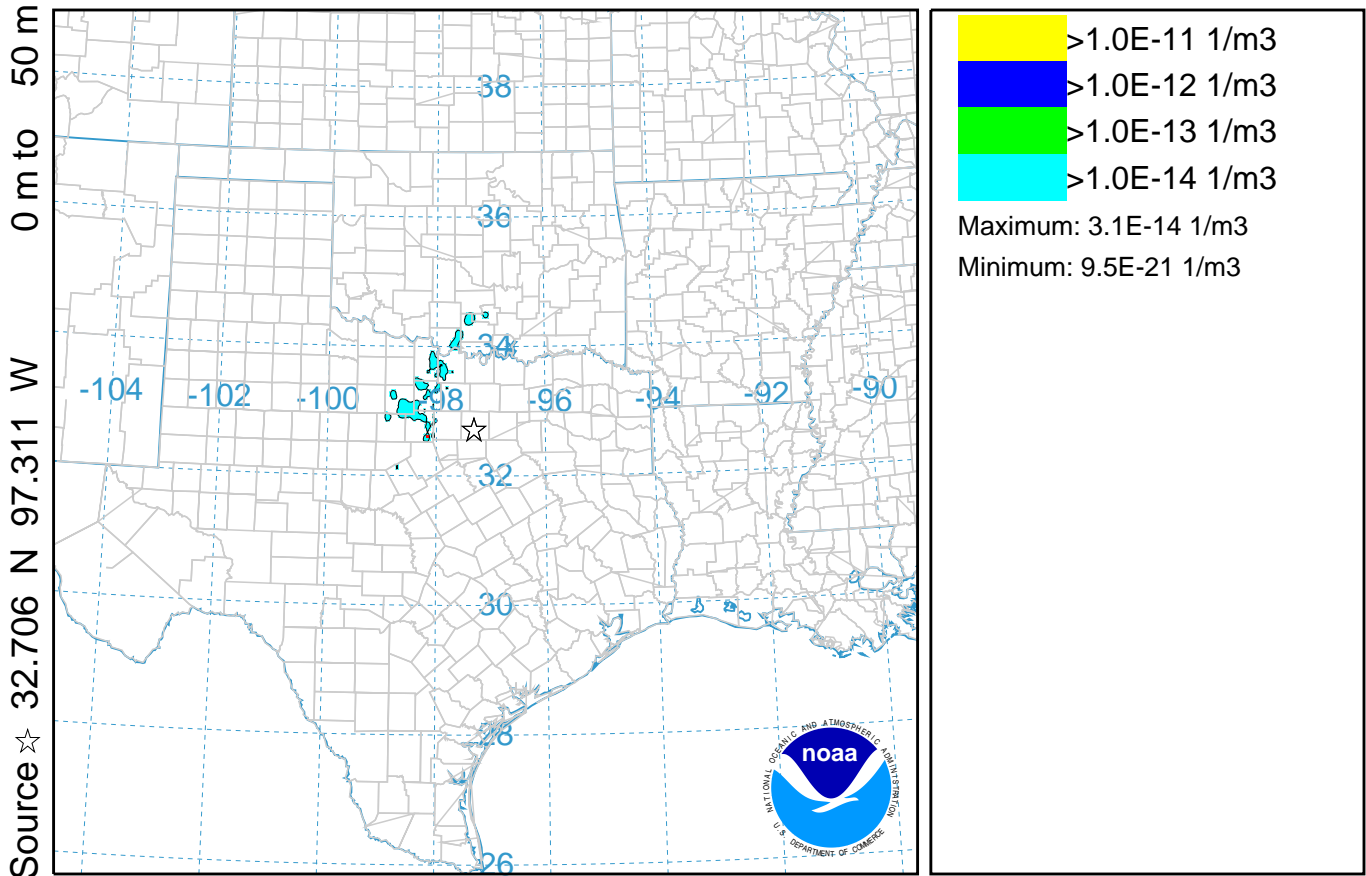


## NAMS METEOROLOGICAL DATA

Job ID: 21095      Job Start: Wed Apr 24 06:51:45 UTC 2019  
Release: lat.: 32.705953 lon.: -97.311101 Hgt: 0 to 50 m  
Pollutant: Unit - Hazmat\_Transportation  
Release Quantity: 1 mass Start: 19 04 24 6 45 Duration: 0 hrs, 10 min  
Pollutant Averaging/Integration Period: 1 hrs and 0 min  
Dry Deposition rate: 0 cm/s      Wet Removal: None #Part: 10000  
Meteorology: 0100Z 24 Apr 2019 - NAMCNEST  
Event: Real\_Event - Hazmat\_Transportation  
Produced by user: [REDACTED] - WFO: TX: Dallas/Fort\_Worth: [REDACTED]

# NOAA HYSPLIT MODEL

Dilution Factor (1/m<sup>3</sup>) averaged between 0 m and 100 m  
Integrated from 0145 25 Apr to 0246 25 Apr 19 (UTC)  
Unit Release started at 0645 24 Apr 19 (UTC)

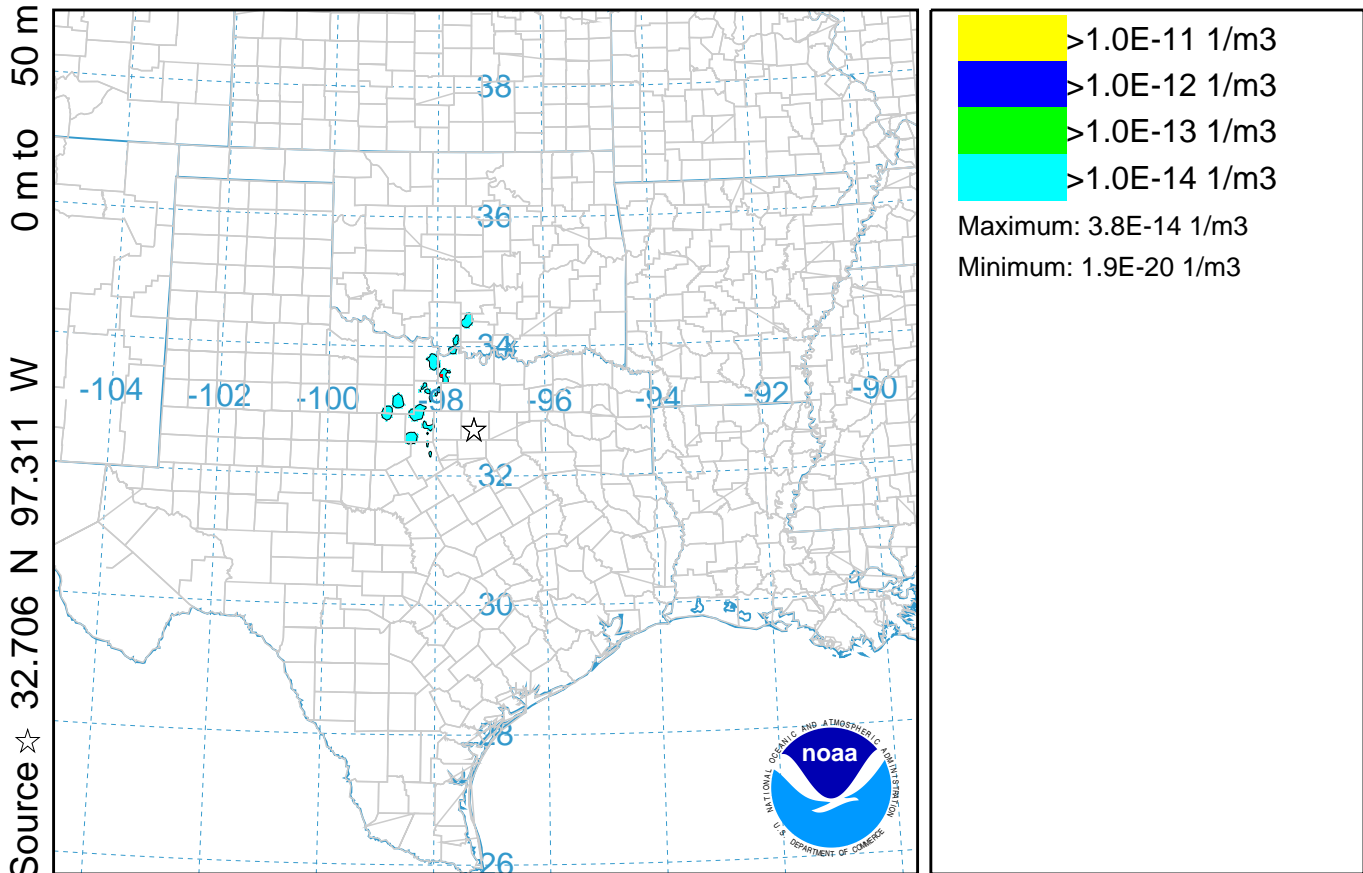


## NAMS METEOROLOGICAL DATA

Job ID: 21095      Job Start: Wed Apr 24 06:51:45 UTC 2019  
Release: lat.: 32.705953 lon.: -97.311101 Hgt: 0 to 50 m  
Pollutant: Unit - Hazmat\_Transportation  
Release Quantity: 1 mass Start: 19 04 24 6 45 Duration: 0 hrs, 10 min  
Pollutant Averaging/Integration Period: 1 hrs and 0 min  
Dry Deposition rate: 0 cm/s      Wet Removal: None #Part: 10000  
Meteorology: 0100Z 24 Apr 2019 - NAMCNEST  
Event: Real\_Event - Hazmat\_Transportation  
Produced by user: [REDACTED] - WFO: TX: Dallas/Fort\_Worth: [REDACTED]

# NOAA HYSPLIT MODEL

Dilution Factor (1/m<sup>3</sup>) averaged between 0 m and 100 m  
Integrated from 0246 25 Apr to 0345 25 Apr 19 (UTC)  
Unit Release started at 0645 24 Apr 19 (UTC)

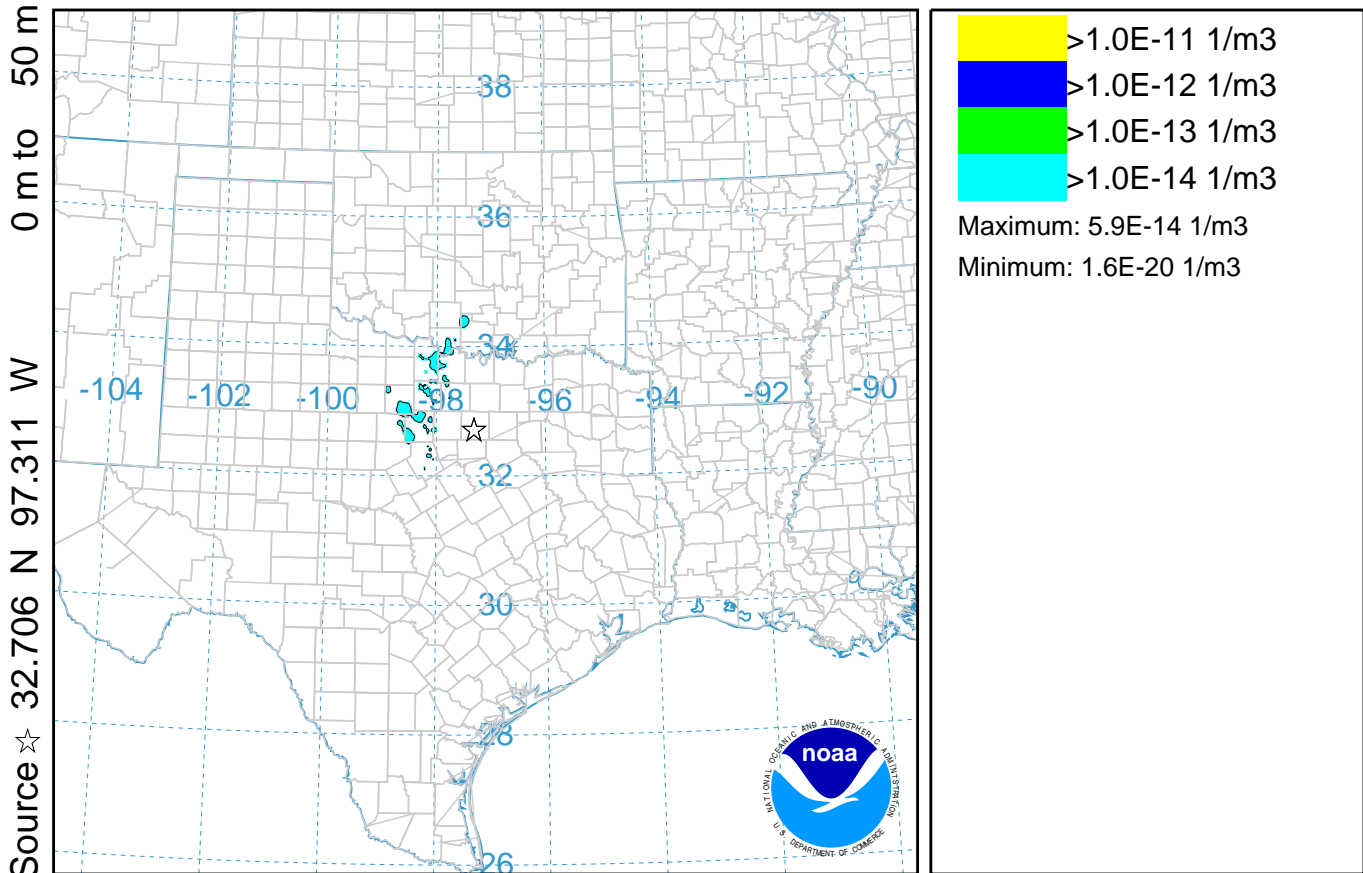


## NAMS METEOROLOGICAL DATA

Job ID: 21095      Job Start: Wed Apr 24 06:51:45 UTC 2019  
Release: lat.: 32.705953 lon.: -97.311101 Hgt: 0 to 50 m  
Pollutant: Unit - Hazmat\_Transportation  
Release Quantity: 1 mass Start: 19 04 24 6 45 Duration: 0 hrs, 10 min  
Pollutant Averaging/Integration Period: 1 hrs and 0 min  
Dry Deposition rate: 0 cm/s      Wet Removal: None #Part: 10000  
Meteorology: 0100Z 24 Apr 2019 - NAMCNEST  
Event: Real\_Event - Hazmat\_Transportation  
Produced by user: [REDACTED] - WFO: TX: Dallas/Fort\_Worth: [REDACTED]

# NOAA HYSPLIT MODEL

Dilution Factor (1/m<sup>3</sup>) averaged between 0 m and 100 m  
Integrated from 0345 25 Apr to 0445 25 Apr 19 (UTC)  
Unit Release started at 0645 24 Apr 19 (UTC)

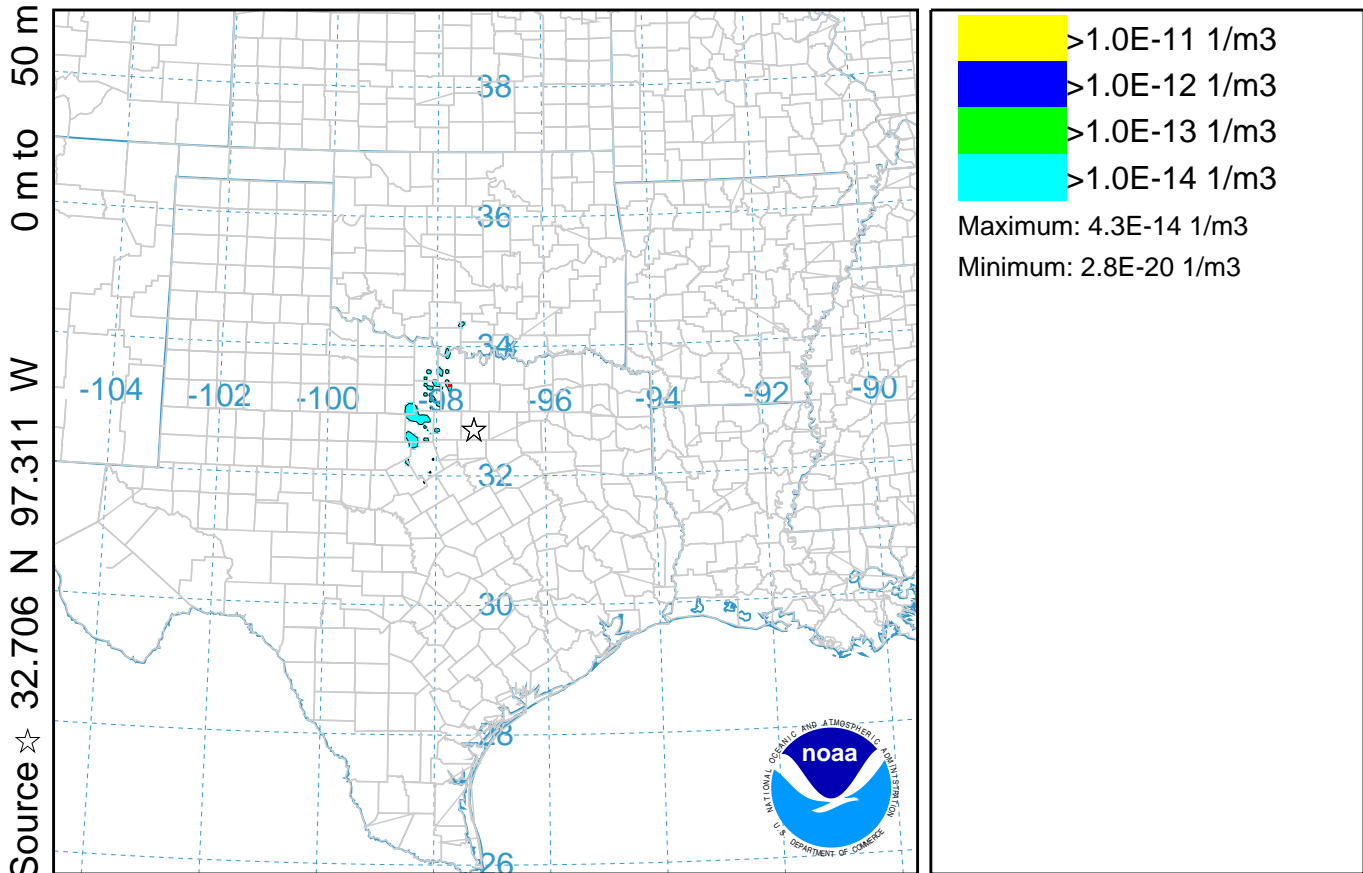


## 2300 23 Apr 19 NAMS FORECAST INITIALIZATION

Job ID: 21095      Job Start: Wed Apr 24 06:51:45 UTC 2019  
Release: lat.: 32.705953 lon.: -97.311101 Hgt: 0 to 50 m  
Pollutant: Unit - Hazmat\_Transportation  
Release Quantity: 1 mass Start: 19 04 24 6 45 Duration: 0 hrs, 10 min  
Pollutant Averaging/Integration Period: 1 hrs and 0 min  
Dry Deposition rate: 0 cm/s      Wet Removal: None #Part: 10000  
Meteorology: 0100Z 24 Apr 2019 - NAMCNEST  
Event: Real\_Event - Hazmat\_Transportation  
Produced by user: [REDACTED] - WFO: TX: Dallas/Fort\_Worth: [REDACTED]

## NOAA HYSPLIT MODEL

Dilution Factor (1/m<sup>3</sup>) averaged between 0 m and 100 m  
 Integrated from 0445 25 Apr to 0545 25 Apr 19 (UTC)  
 Unit Release started at 0645 24 Apr 19 (UTC)



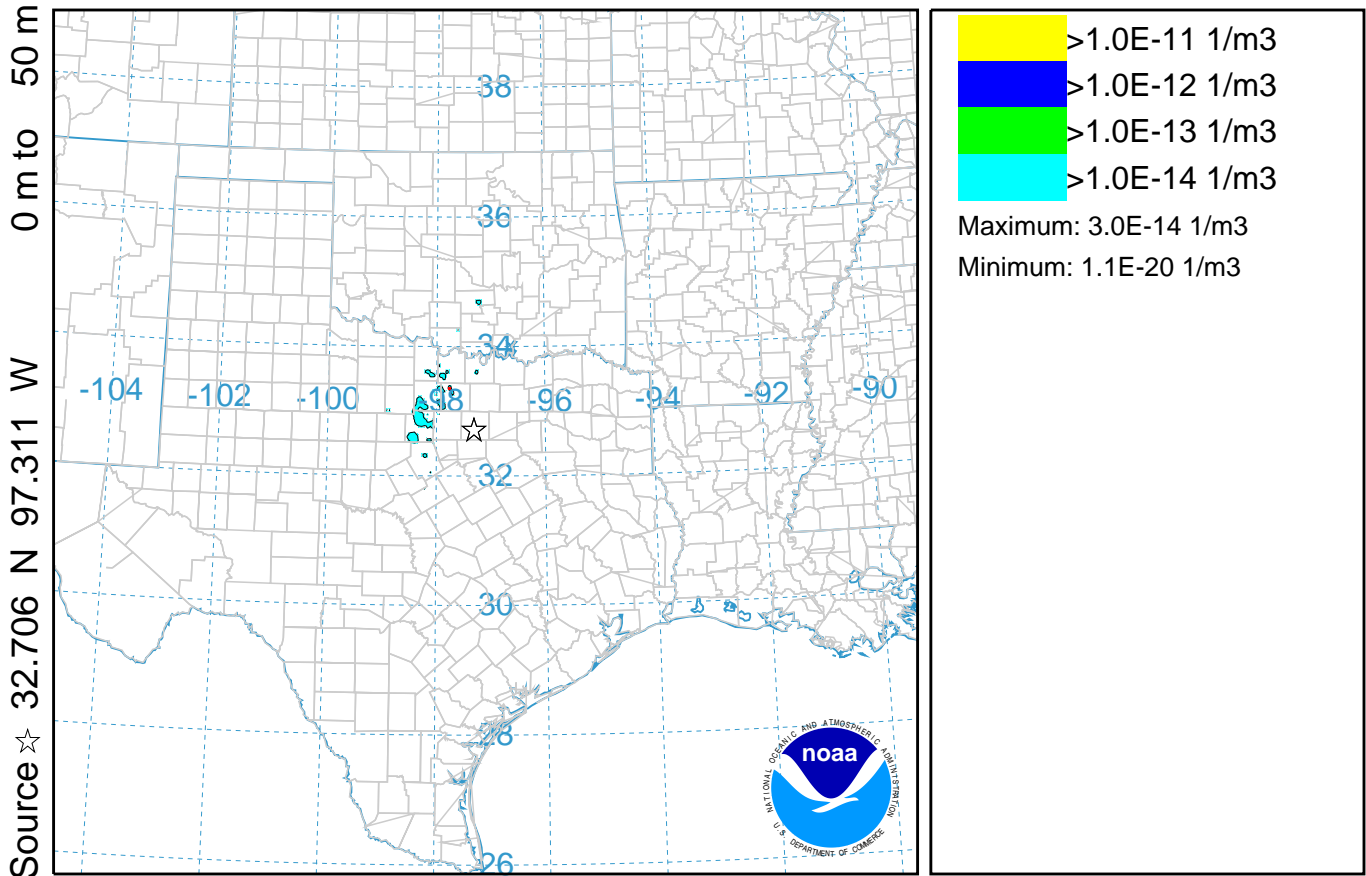
### 2300 23 Apr 19 NAMS FORECAST INITIALIZATION

Job ID: 21095                      Job Start: Wed Apr 24 06:51:45 UTC 2019  
 Release: lat.: 32.705953 lon.: -97.311101 Hgt: 0 to 50 m  
 Pollutant: Unit - Hazmat\_Transportation  
 Release Quantity: 1 mass Start: 19 04 24 6 45 Duration: 0 hrs, 10 min  
 Pollutant Averaging/Integration Period: 1 hrs and 0 min  
 Dry Deposition rate: 0 cm/s    Wet Removal: None #Part: 10000  
 Meteorology: 0100Z 24 Apr 2019 - NAMCNEST  
 Event: Real\_Event - Hazmat\_Transportation  
 Produced by user: ██████████ - WFO: TX: Dallas/Fort\_Worth: ██████████



# NOAA HYSPLIT MODEL

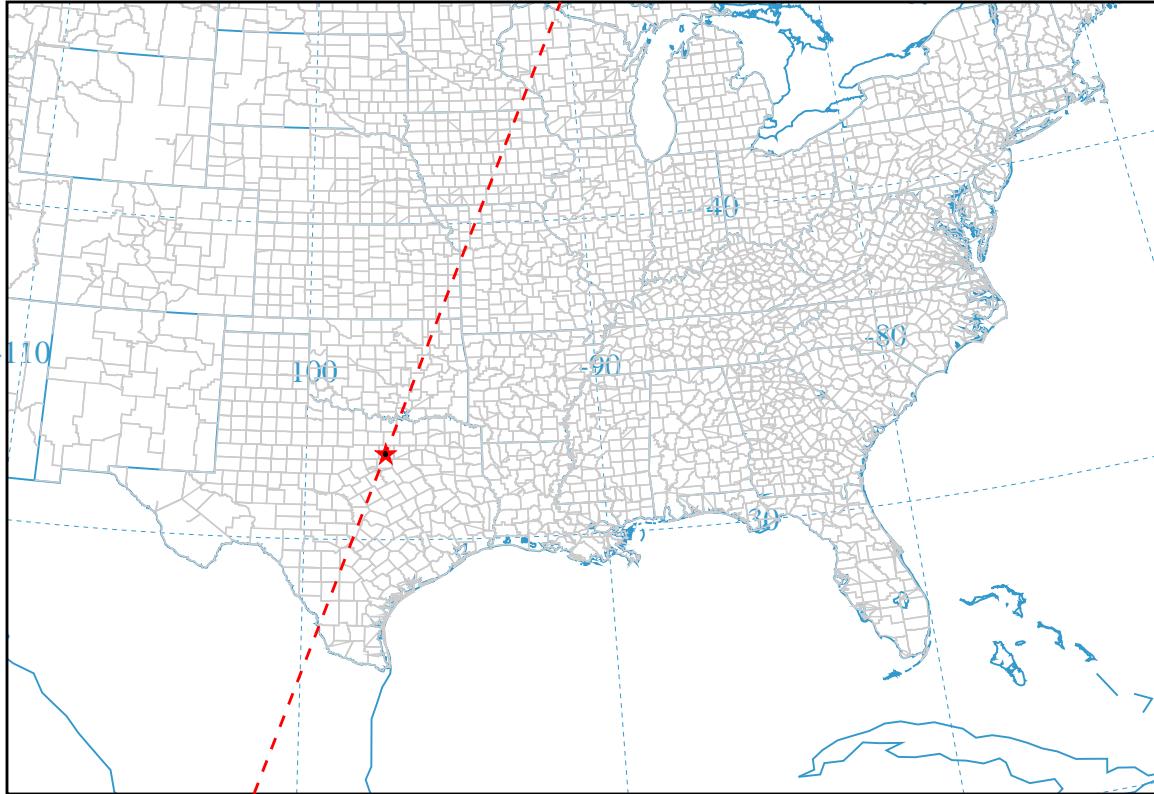
Dilution Factor (1/m<sup>3</sup>) averaged between 0 m and 100 m  
Integrated from 0545 25 Apr to 0645 25 Apr 19 (UTC)  
Unit Release started at 0645 24 Apr 19 (UTC)



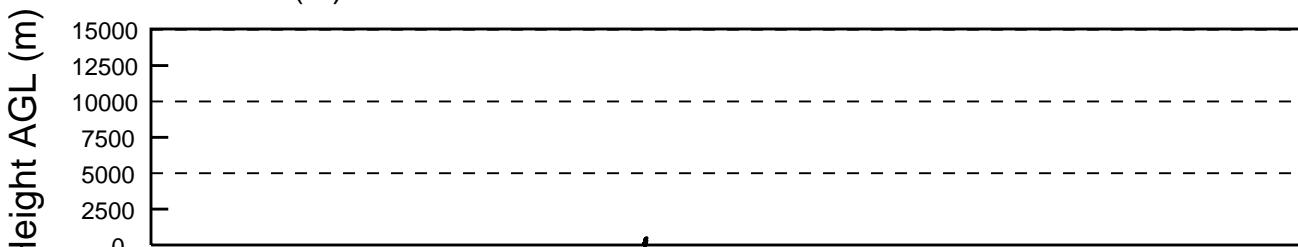
## 2300 23 Apr 19 NAMS FORECAST INITIALIZATION

Job ID: 21095      Job Start: Wed Apr 24 06:51:45 UTC 2019  
Release: lat.: 32.705953 lon.: -97.311101 Hgt: 0 to 50 m  
Pollutant: Unit - Hazmat\_Transportation  
Release Quantity: 1 mass Start: 19 04 24 6 45 Duration: 0 hrs, 10 min  
Pollutant Averaging/Integration Period: 1 hrs and 0 min  
Dry Deposition rate: 0 cm/s      Wet Removal: None #Part: 10000  
Meteorology: 0100Z 24 Apr 2019 - NAMCNEST  
Event: Real\_Event - Hazmat\_Transportation  
Produced by user: [REDACTED] - WFO: TX: Dallas/Fort\_Worth: [REDACTED]

# NOAA HYSPLIT MODEL PARTICLE CROSS-SECTIONS PARTICLE POSITIONS AT 07 00 24 Apr 19



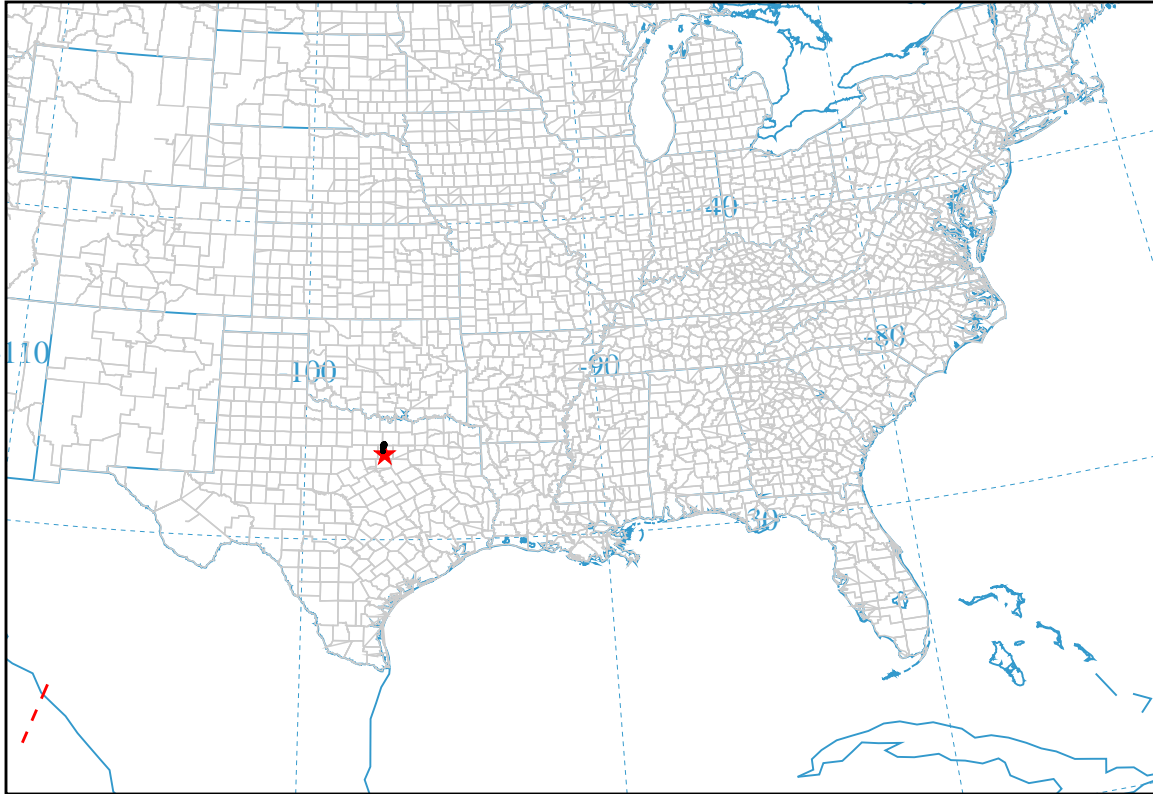
LAYER (m):    < 4000       < 8000       <12000       <16000       <20000



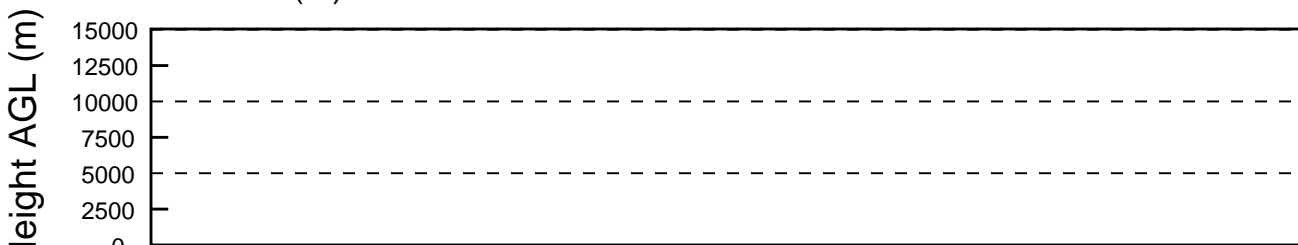
NUMBER OF PARTICLES PLOTTED: 3500 (skip interval 03)

Job ID: 21095                      Job Start: Wed Apr 24 06:51:45 UTC 2019  
 Release: lat.: 32.705953 lon.: -97.311101 Hgt: 0 to 50 m  
 Pollutant: Unit - Hazmat\_Transportation  
 Release Quantity: 1 mass Start: 19 04 24 6 45 Duration: 0 hrs, 10 min  
 Pollutant Averaging/Integration Period: 1 hrs and 0 min  
 Dry Deposition rate: 0 cm/s    Wet Removal: None #Part: 10000  
 Meteorology: 0100Z 24 Apr 2019 - NAMCNEST  
 Event: Real\_Event - Hazmat\_Transportation  
 Produced by user: ██████████ - WFO: TX: Dallas/Fort\_Worth: ██████████

# NOAA HYSPLIT MODEL PARTICLE CROSS-SECTIONS PARTICLE POSITIONS AT 08 00 24 Apr 19



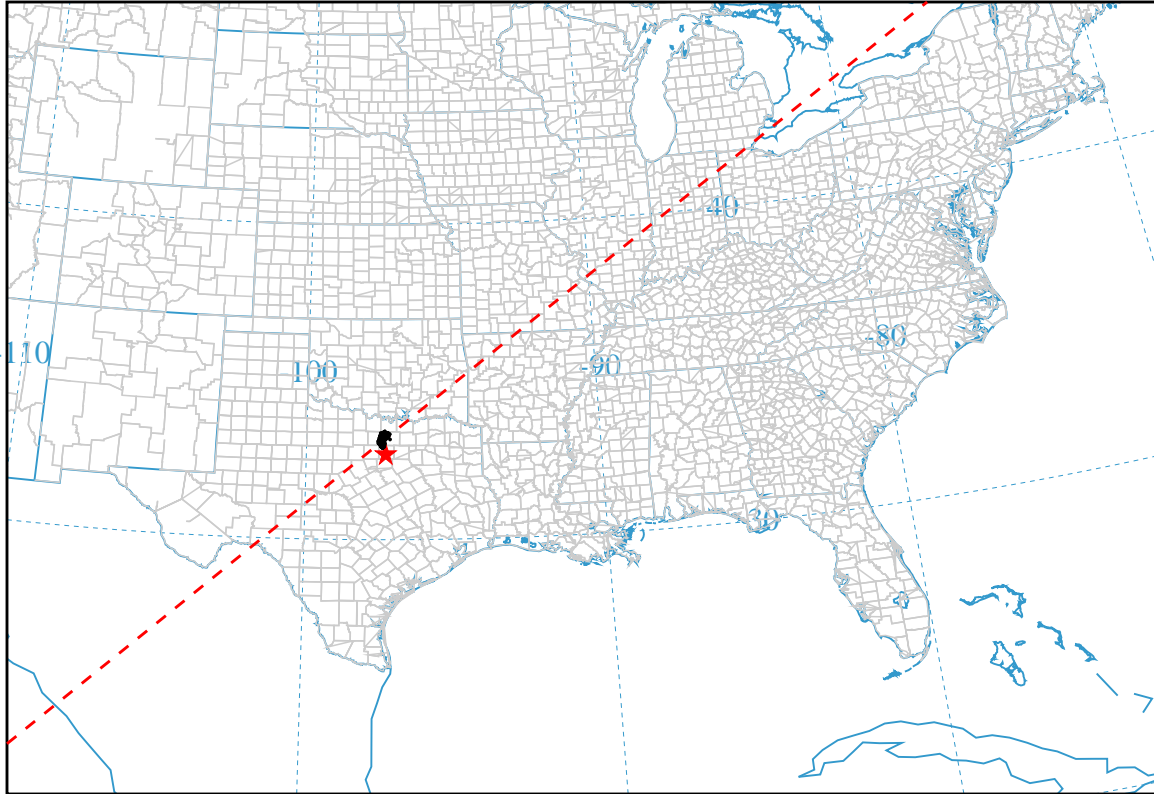
LAYER (m):    < 4000      < 8000      <12000      <16000      <20000



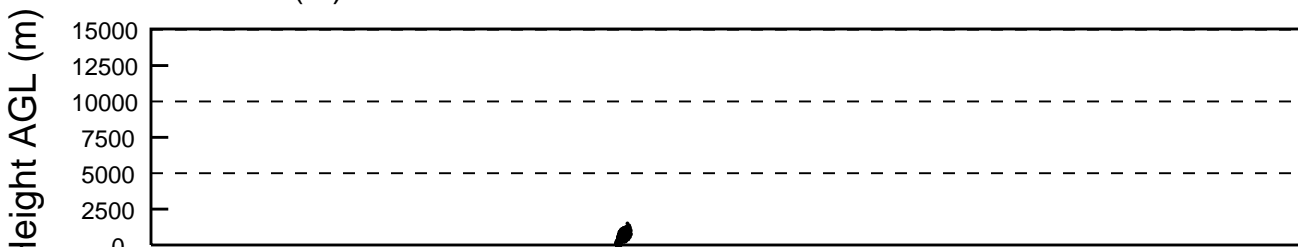
NUMBER OF PARTICLES PLOTTED: 3500 (skip interval 03)

Job ID: 21095                      Job Start: Wed Apr 24 06:51:45 UTC 2019  
 Release: lat.: 32.705953 lon.: -97.311101 Hgt: 0 to 50 m  
 Pollutant: Unit - Hazmat\_Transportation  
 Release Quantity: 1 mass Start: 19 04 24 6 45 Duration: 0 hrs, 10 min  
 Pollutant Averaging/Integration Period: 1 hrs and 0 min  
 Dry Deposition rate: 0 cm/s      Wet Removal: None #Part: 10000  
 Meteorology: 0100Z 24 Apr 2019 - NAMCNEST  
 Event: Real\_Event - Hazmat\_Transportation  
 Produced by user: ██████████ - WFO: TX: Dallas/Fort\_Worth: ██████████

# NOAA HYSPLIT MODEL PARTICLE CROSS-SECTIONS PARTICLE POSITIONS AT 09 00 24 Apr 19



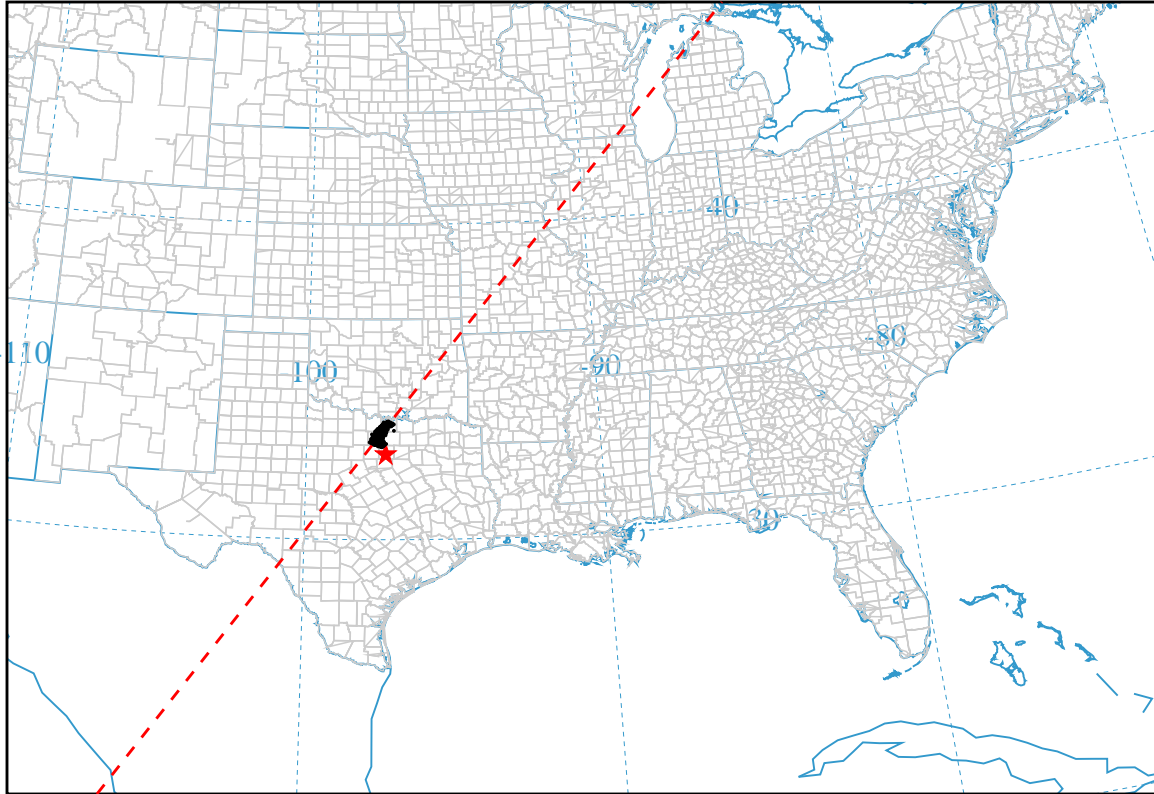
LAYER (m):    < 4000      < 8000      <12000      <16000      <20000



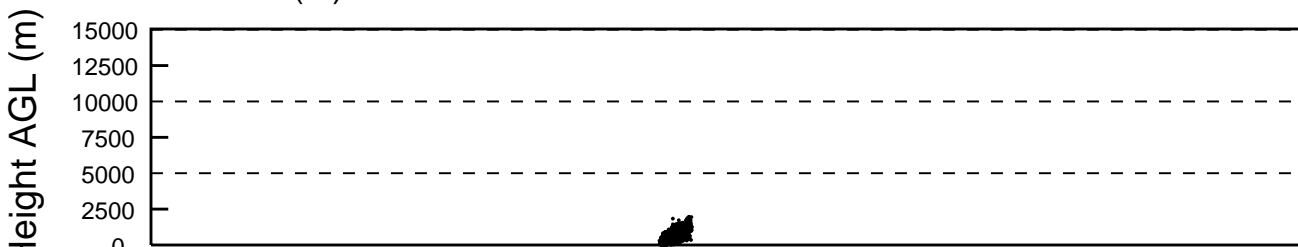
NUMBER OF PARTICLES PLOTTED: 3500 (skip interval 03)

Job ID: 21095                      Job Start: Wed Apr 24 06:51:45 UTC 2019  
 Release: lat.: 32.705953 lon.: -97.311101 Hgt: 0 to 50 m  
 Pollutant: Unit - Hazmat\_Transportation  
 Release Quantity: 1 mass Start: 19 04 24 6 45 Duration: 0 hrs, 10 min  
 Pollutant Averaging/Integration Period: 1 hrs and 0 min  
 Dry Deposition rate: 0 cm/s      Wet Removal: None #Part: 10000  
 Meteorology: 0100Z 24 Apr 2019 - NAMCNEST  
 Event: Real\_Event - Hazmat\_Transportation  
 Produced by user: ██████████ - WFO: TX: Dallas/Fort\_Worth: ██████████

# NOAA HYSPLIT MODEL PARTICLE CROSS-SECTIONS PARTICLE POSITIONS AT 10 00 24 Apr 19



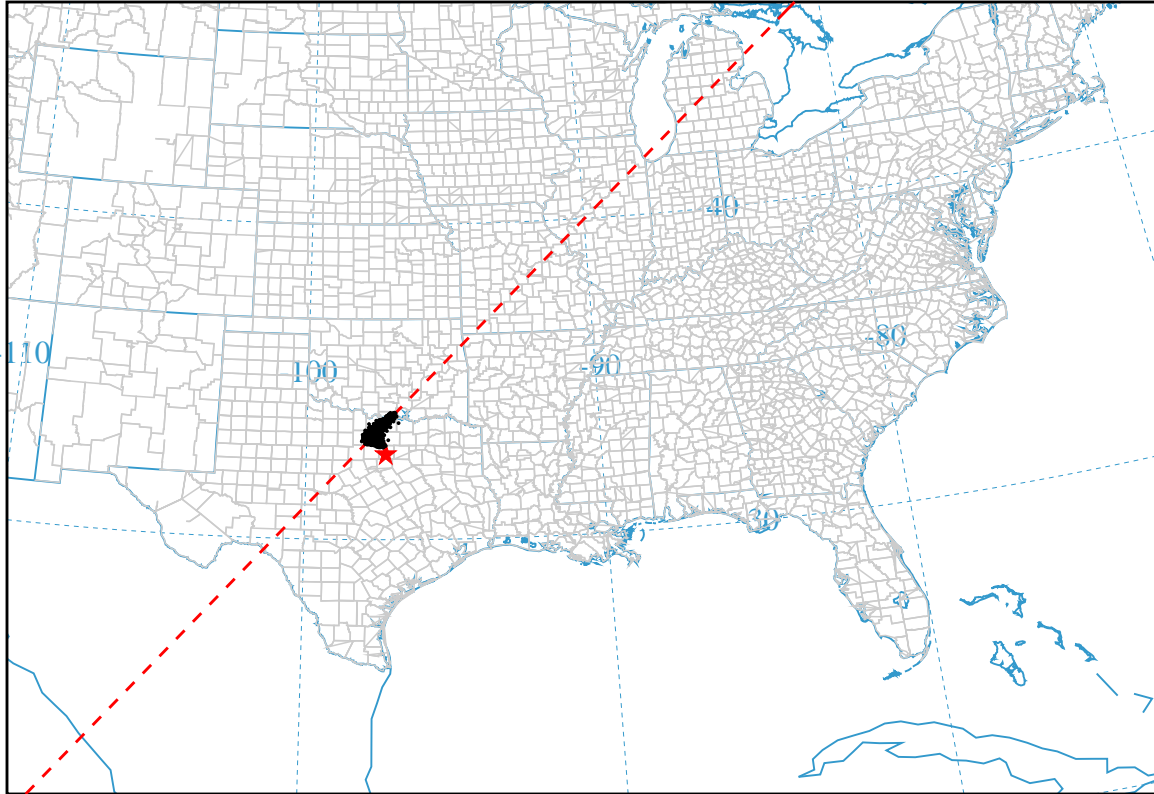
LAYER (m):    < 4000      < 8000      <12000      <16000      <20000



NUMBER OF PARTICLES PLOTTED: 3500 (skip interval 03)

Job ID: 21095                      Job Start: Wed Apr 24 06:51:45 UTC 2019  
 Release: lat.: 32.705953 lon.: -97.311101 Hgt: 0 to 50 m  
 Pollutant: Unit - Hazmat\_Transportation  
 Release Quantity: 1 mass Start: 19 04 24 6 45 Duration: 0 hrs, 10 min  
 Pollutant Averaging/Integration Period: 1 hrs and 0 min  
 Dry Deposition rate: 0 cm/s      Wet Removal: None #Part: 10000  
 Meteorology: 0100Z 24 Apr 2019 - NAMCNEST  
 Event: Real\_Event - Hazmat\_Transportation  
 Produced by user: ██████████ - WFO: TX: Dallas/Fort\_Worth: ██████████

# NOAA HYSPLIT MODEL PARTICLE CROSS-SECTIONS PARTICLE POSITIONS AT 11 00 24 Apr 19



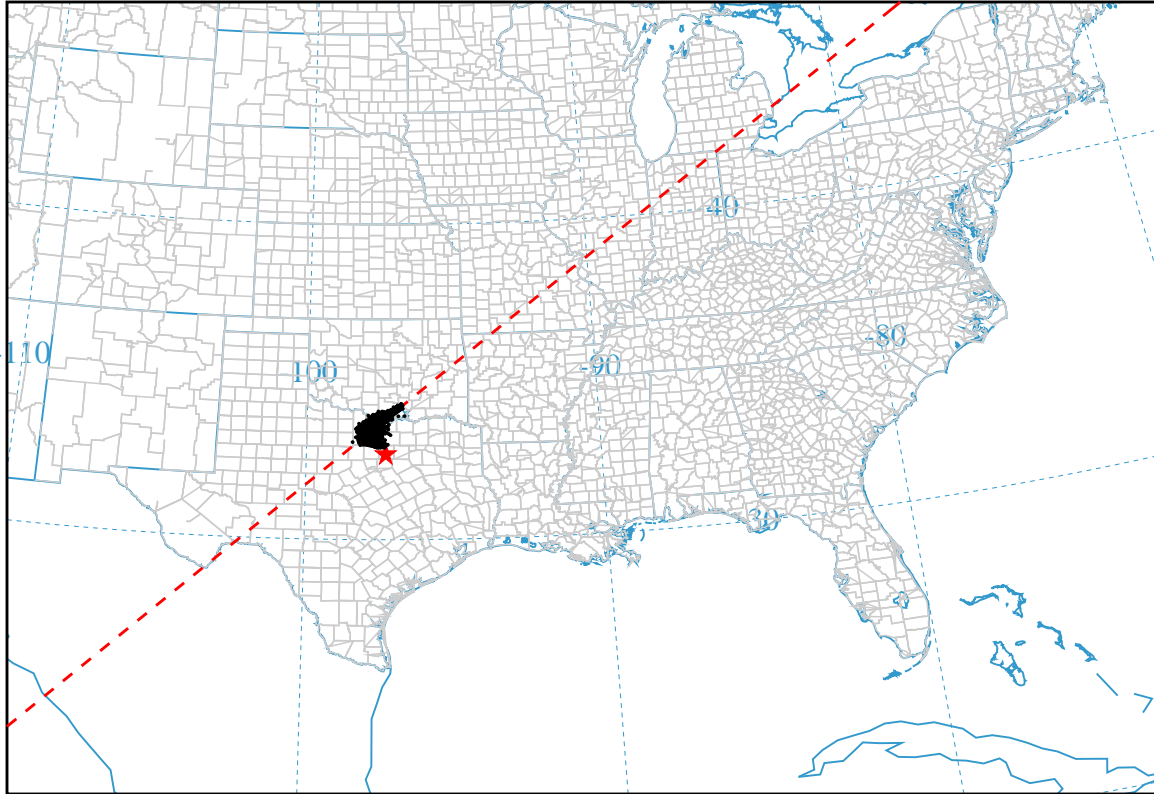
LAYER (m):    < 4000    < 8000    <12000    <16000    <20000



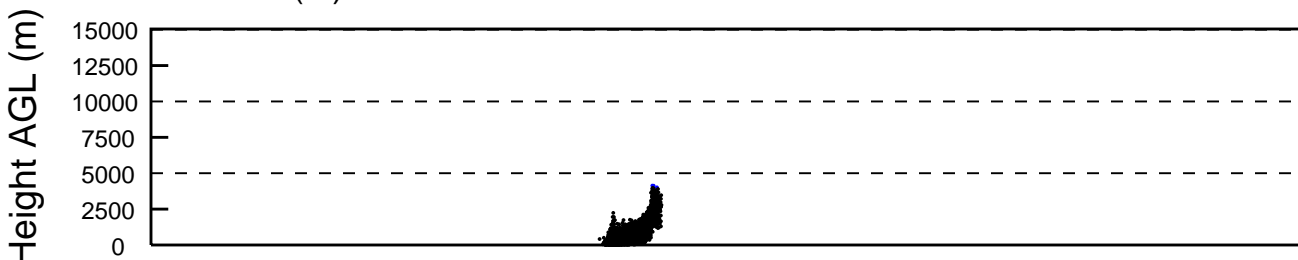
NUMBER OF PARTICLES PLOTTED: 3500 (skip interval 03)

Job ID: 21095                      Job Start: Wed Apr 24 06:51:45 UTC 2019  
 Release: lat.: 32.705953 lon.: -97.311101 Hgt: 0 to 50 m  
 Pollutant: Unit - Hazmat\_Transportation  
 Release Quantity: 1 mass Start: 19 04 24 6 45 Duration: 0 hrs, 10 min  
 Pollutant Averaging/Integration Period: 1 hrs and 0 min  
 Dry Deposition rate: 0 cm/s    Wet Removal: None #Part: 10000  
 Meteorology: 0100Z 24 Apr 2019 - NAMCNES  
 Event: Real\_Event - Hazmat\_Transportation  
 Produced by user: ██████████ - WFO: TX: Dallas/Fort\_Worth: ██████████

# NOAA HYSPLIT MODEL PARTICLE CROSS-SECTIONS PARTICLE POSITIONS AT 12 00 24 Apr 19



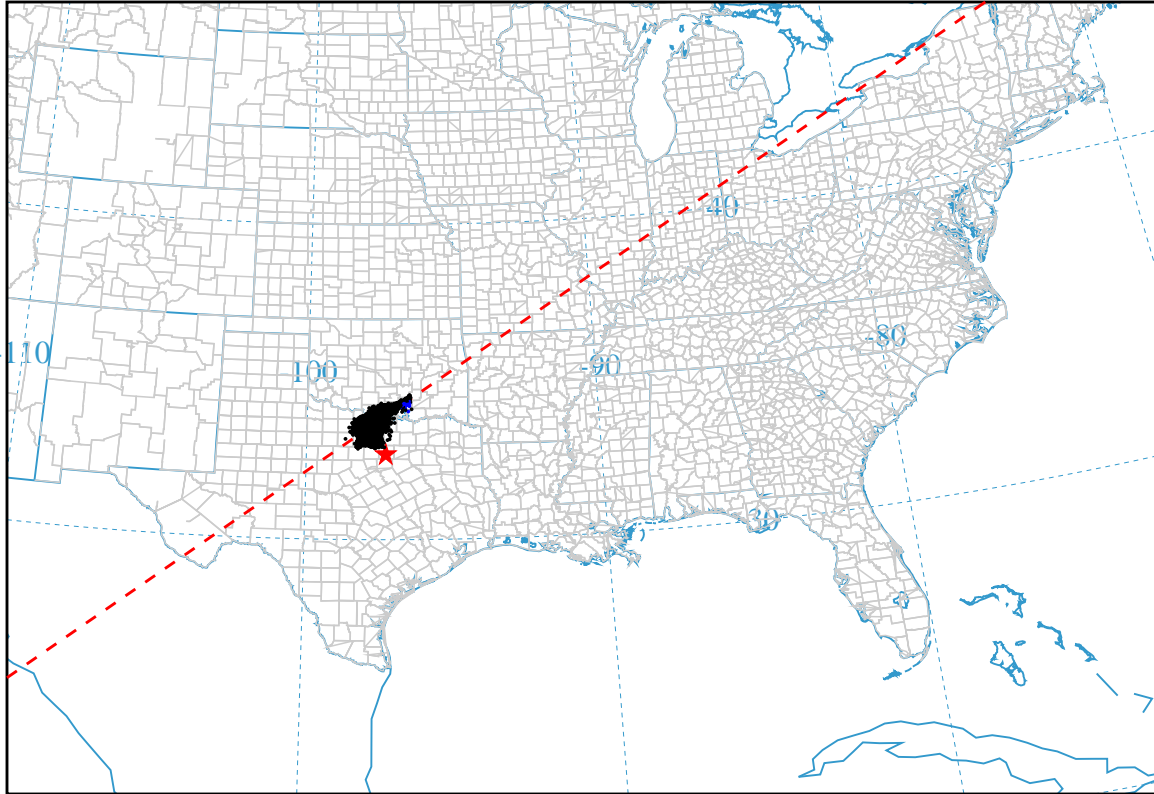
LAYER (m):    < 4000      < 8000      <12000      <16000      <20000



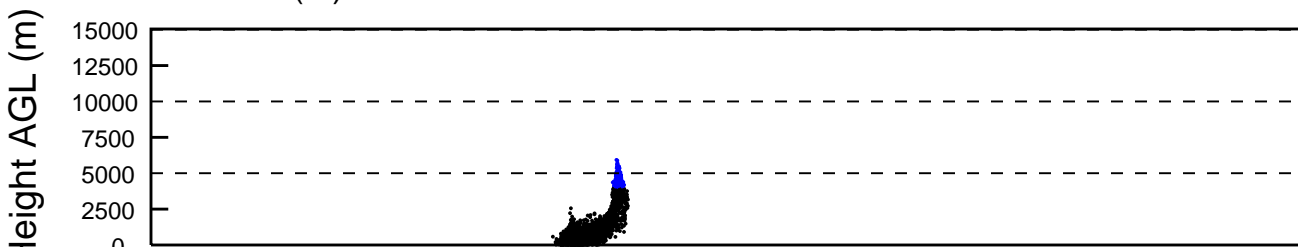
NUMBER OF PARTICLES PLOTTED: 3500 (skip interval 03)

Job ID: 21095                      Job Start: Wed Apr 24 06:51:45 UTC 2019  
 Release: lat.: 32.705953 lon.: -97.311101 Hgt: 0 to 50 m  
 Pollutant: Unit - Hazmat\_Transportation  
 Release Quantity: 1 mass Start: 19 04 24 6 45 Duration: 0 hrs, 10 min  
 Pollutant Averaging/Integration Period: 1 hrs and 0 min  
 Dry Deposition rate: 0 cm/s      Wet Removal: None #Part: 10000  
 Meteorology: 0100Z 24 Apr 2019 - NAMCNEST  
 Event: Real\_Event - Hazmat\_Transportation  
 Produced by user: ██████████ - WFO: TX: Dallas/Fort\_Worth: ██████████

# NOAA HYSPLIT MODEL PARTICLE CROSS-SECTIONS PARTICLE POSITIONS AT 13 00 24 Apr 19



LAYER (m):    < 4000      < 8000      <12000      <16000      <20000

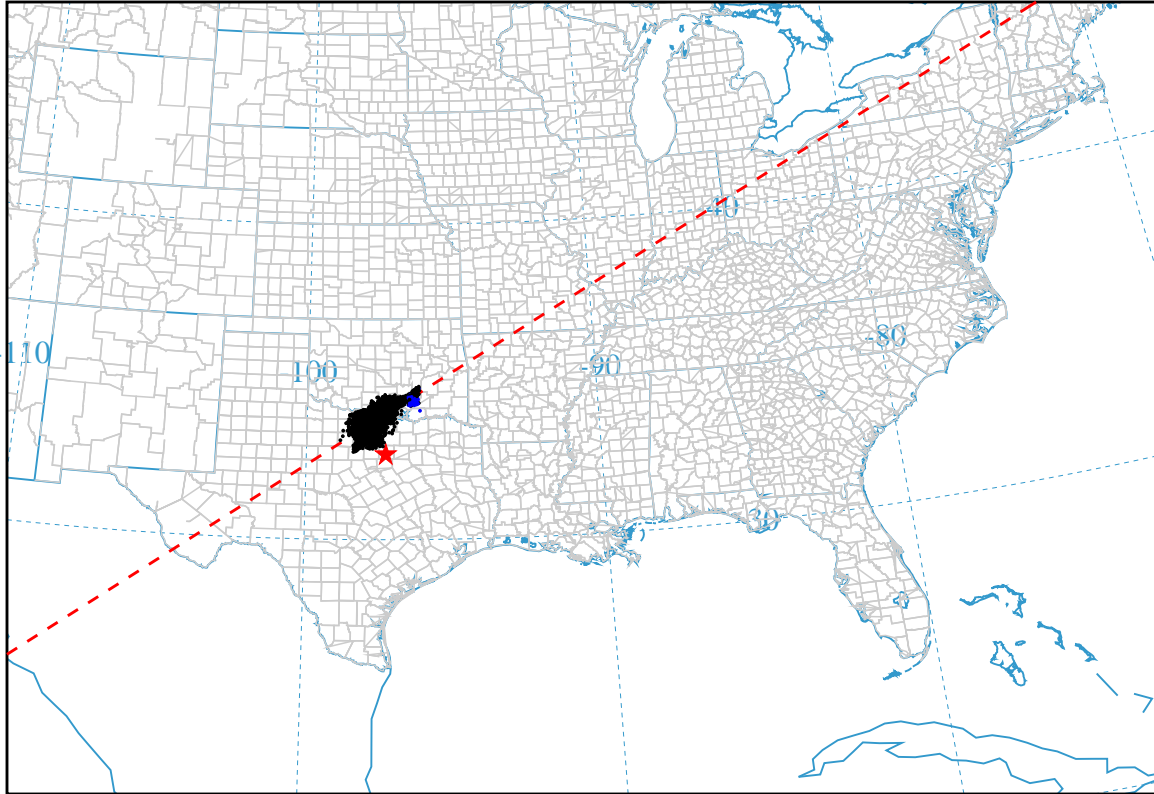


NUMBER OF PARTICLES PLOTTED: 3500 (skip interval 03)

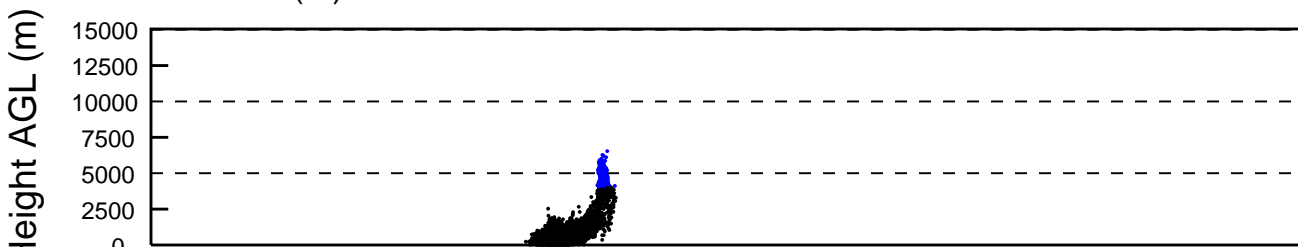
Job ID: 21095                      Job Start: Wed Apr 24 06:51:45 UTC 2019  
 Release: lat.: 32.705953 lon.: -97.311101 Hgt: 0 to 50 m  
 Pollutant: Unit - Hazmat\_Transportation  
 Release Quantity: 1 mass Start: 19 04 24 6 45 Duration: 0 hrs, 10 min  
 Pollutant Averaging/Integration Period: 1 hrs and 0 min  
 Dry Deposition rate: 0 cm/s      Wet Removal: None #Part: 10000  
 Meteorology: 0100Z 24 Apr 2019 - NAMCNEST  
 Event: Real\_Event - Hazmat\_Transportation  
 Produced by user: ██████████ - WFO: TX: Dallas/Fort\_Worth: ██████████



# NOAA HYSPLIT MODEL PARTICLE CROSS-SECTIONS PARTICLE POSITIONS AT 14 00 24 Apr 19



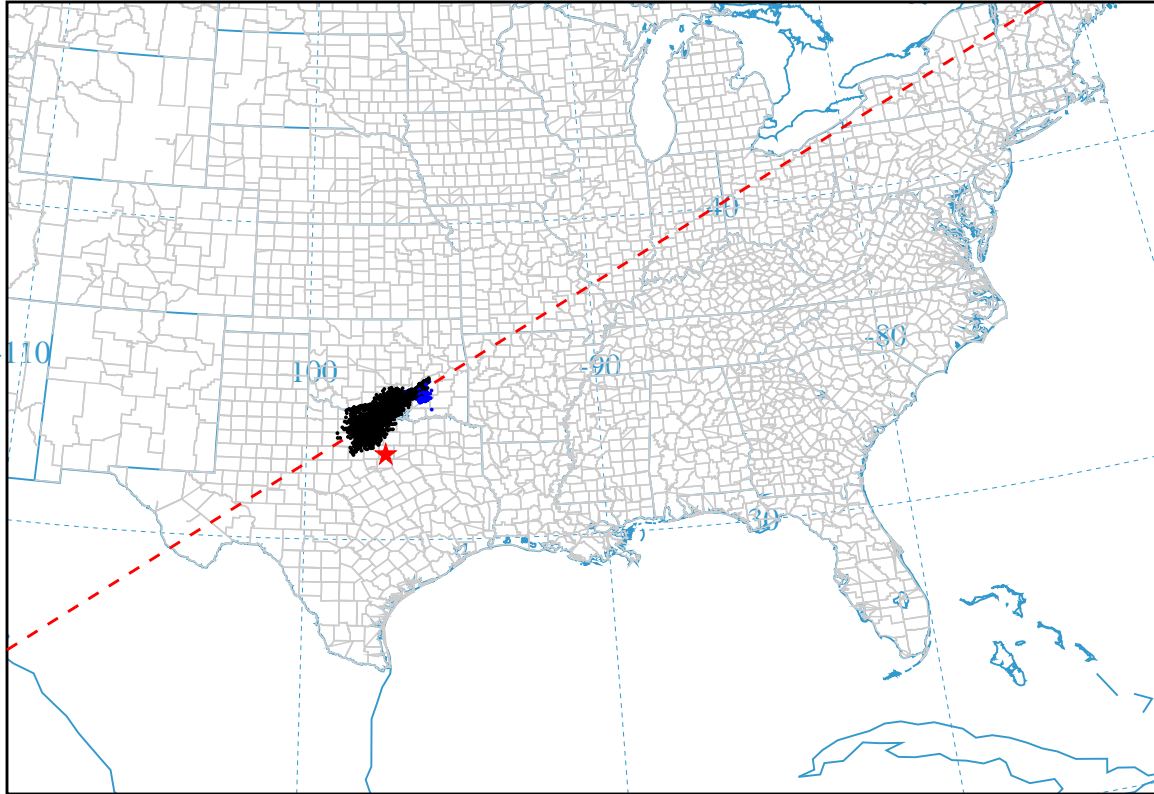
LAYER (m):    < 4000      < 8000      <12000      <16000      <20000



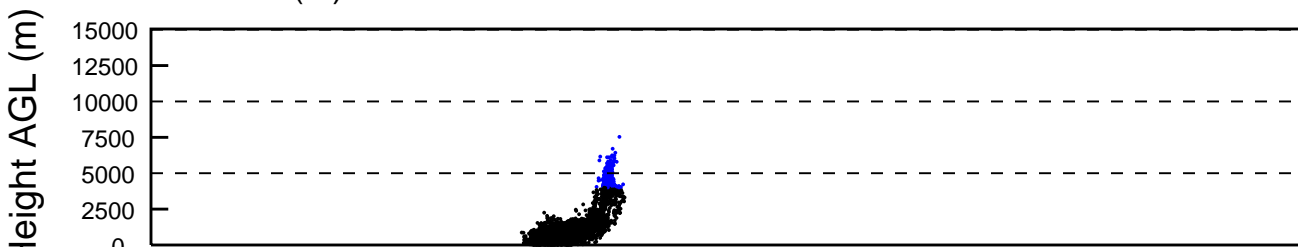
NUMBER OF PARTICLES PLOTTED: 3500 (skip interval 03)

Job ID: 21095                      Job Start: Wed Apr 24 06:51:45 UTC 2019  
 Release: lat.: 32.705953 lon.: -97.311101 Hgt: 0 to 50 m  
 Pollutant: Unit - Hazmat\_Transportation  
 Release Quantity: 1 mass Start: 19 04 24 6 45 Duration: 0 hrs, 10 min  
 Pollutant Averaging/Integration Period: 1 hrs and 0 min  
 Dry Deposition rate: 0 cm/s      Wet Removal: None #Part: 10000  
 Meteorology: 0100Z 24 Apr 2019 - NAMCNEST  
 Event: Real\_Event - Hazmat\_Transportation  
 Produced by user: ██████████ - WFO: TX: Dallas/Fort\_Worth: ██████████

# NOAA HYSPLIT MODEL PARTICLE CROSS-SECTIONS PARTICLE POSITIONS AT 15 00 24 Apr 19



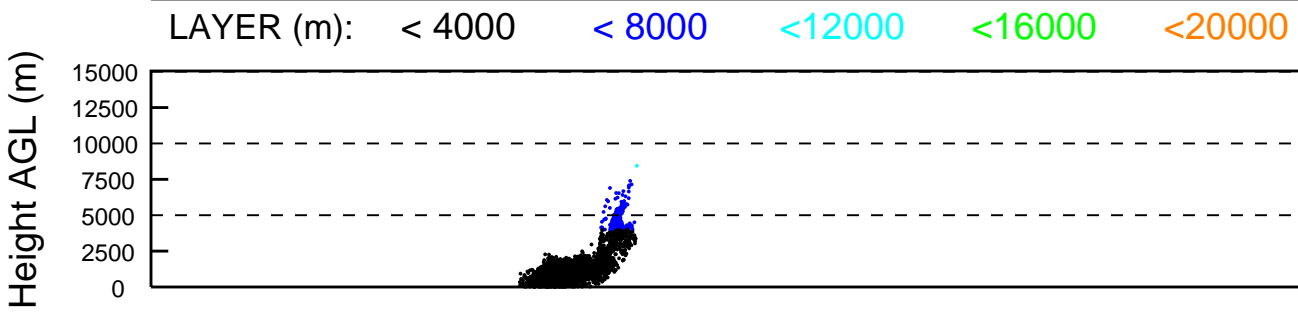
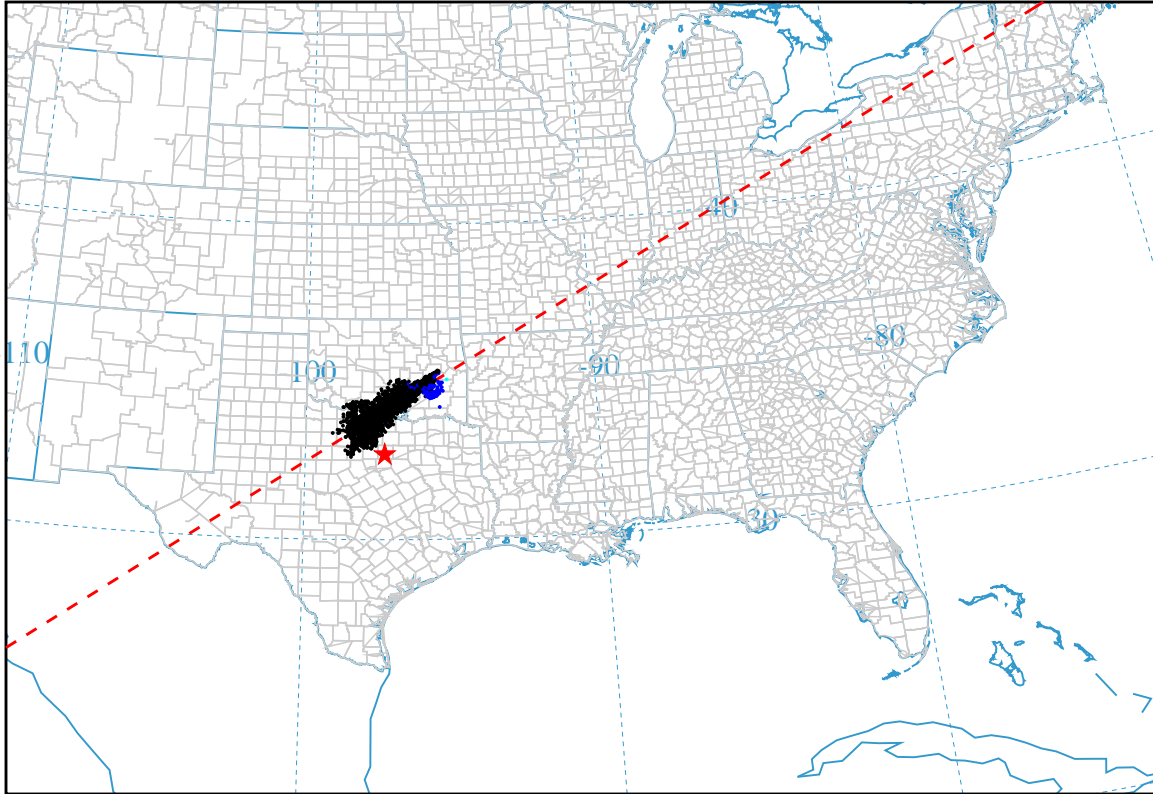
LAYER (m): < 4000 < 8000 < 12000 < 16000 < 20000



NUMBER OF PARTICLES PLOTTED: 3500 (skip interval 03)

Job ID: 21095 Job Start: Wed Apr 24 06:51:45 UTC 2019  
Release: lat.: 32.705953 lon.: -97.311101 Hgt: 0 to 50 m  
Pollutant: Unit - Hazmat\_Transportation  
Release Quantity: 1 mass Start: 19 04 24 6 45 Duration: 0 hrs, 10 min  
Pollutant Averaging/Integration Period: 1 hrs and 0 min  
Dry Deposition rate: 0 cm/s Wet Removal: None #Part: 10000  
Meteorology: 0100Z 24 Apr 2019 - NAMCNEST  
Event: Real\_Event - Hazmat\_Transportation  
Produced by user: [REDACTED] - WFO: TX: Dallas/Fort\_Worth: [REDACTED]

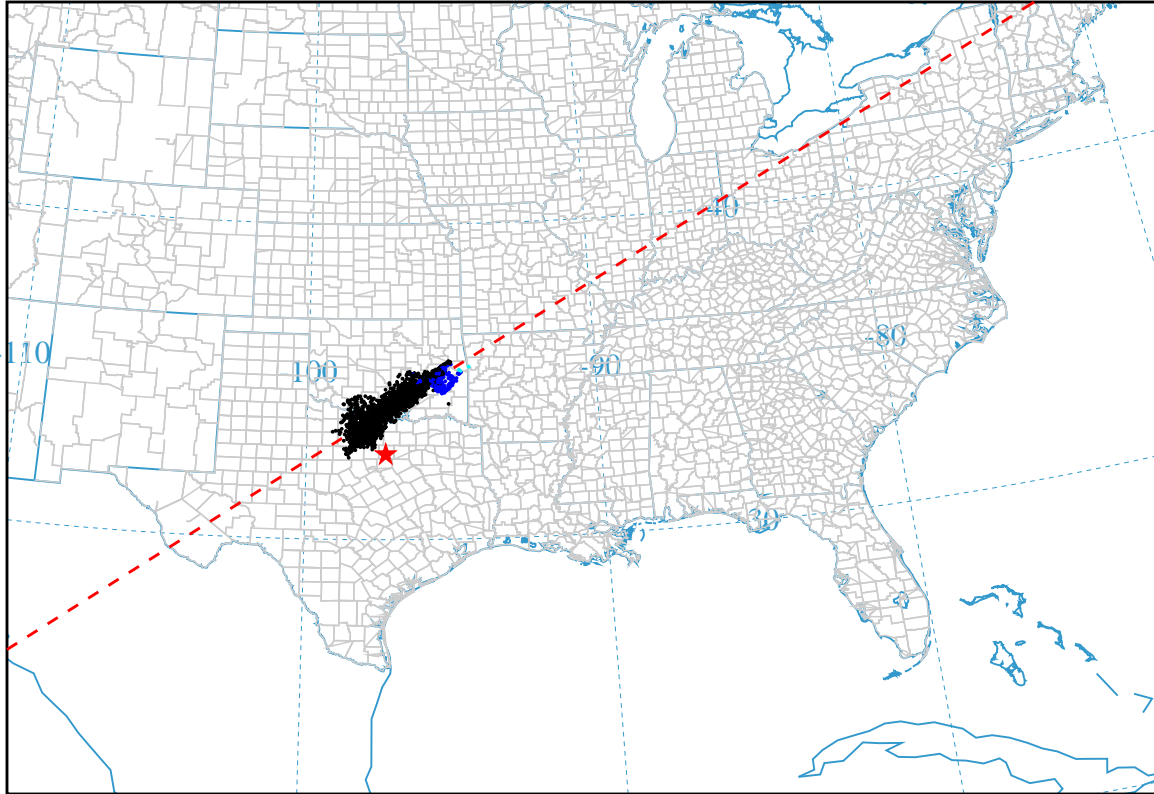
# NOAA HYSPLIT MODEL PARTICLE CROSS-SECTIONS PARTICLE POSITIONS AT 16 00 24 Apr 19



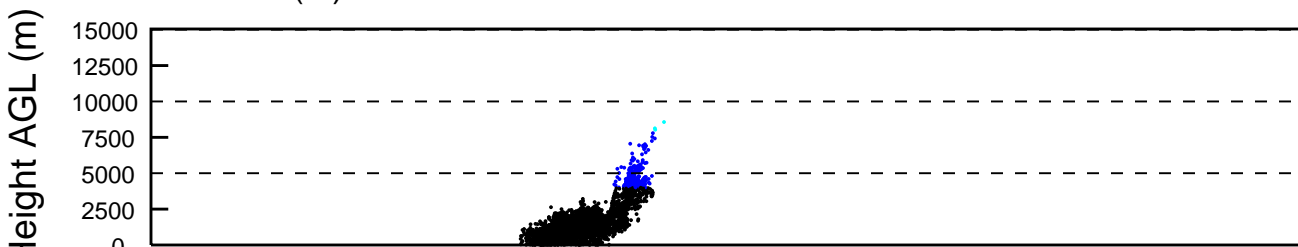
NUMBER OF PARTICLES PLOTTED: 3500 (skip interval 03)

Job ID: 21095                      Job Start: Wed Apr 24 06:51:45 UTC 2019  
Release: lat.: 32.705953 lon.: -97.311101 Hgt: 0 to 50 m  
Pollutant: Unit - Hazmat\_Transportation  
Release Quantity: 1 mass Start: 19 04 24 6 45 Duration: 0 hrs, 10 min  
Pollutant Averaging/Integration Period: 1 hrs and 0 min  
Dry Deposition rate: 0 cm/s    Wet Removal: None #Part: 10000  
Meteorology: 0100Z 24 Apr 2019 - NAMCNES  
Event: Real\_Event - Hazmat\_Transportation  
Produced by user: ██████████ - WFO: TX: Dallas/Fort\_Worth: ██████████

# NOAA HYSPLIT MODEL PARTICLE CROSS-SECTIONS PARTICLE POSITIONS AT 17 00 24 Apr 19



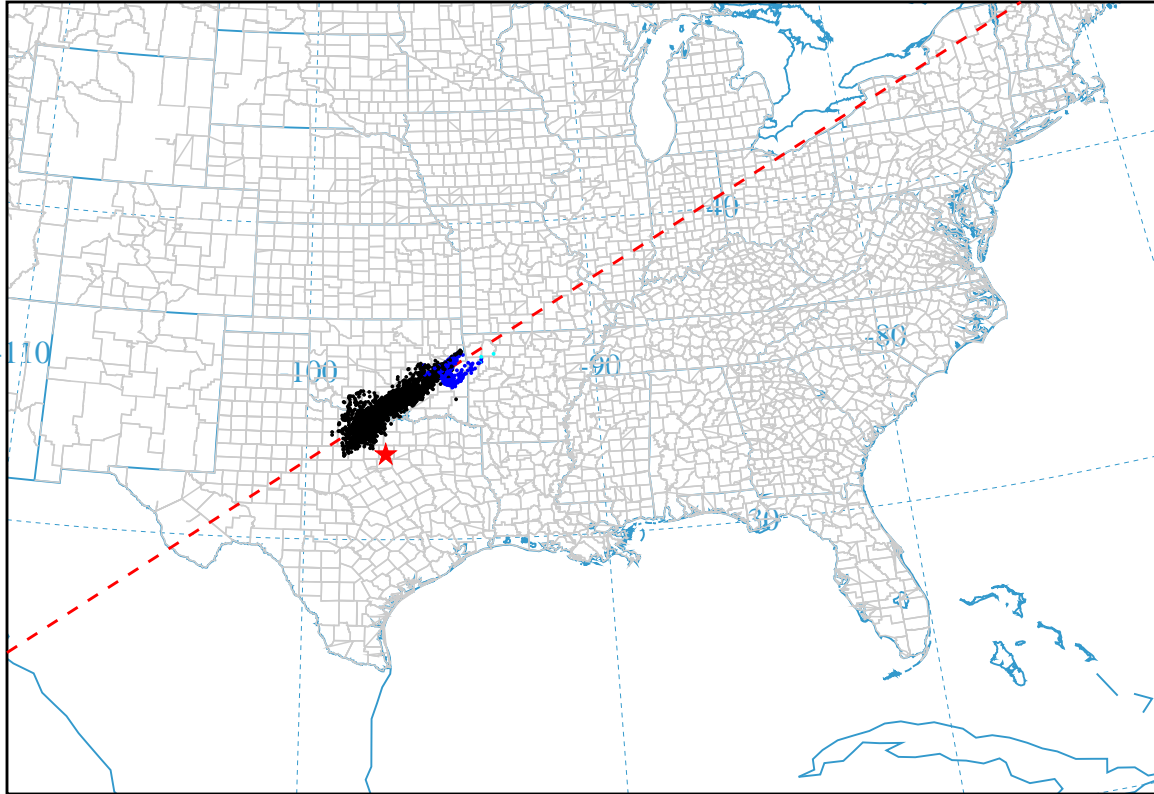
LAYER (m):    < 4000      < 8000      <12000      <16000      <20000



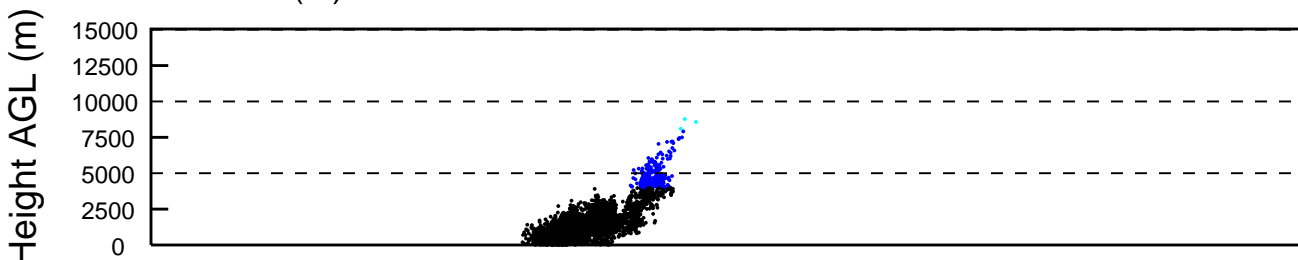
NUMBER OF PARTICLES PLOTTED: 3500 (skip interval 03)

Job ID: 21095                      Job Start: Wed Apr 24 06:51:45 UTC 2019  
 Release: lat.: 32.705953 lon.: -97.311101 Hgt: 0 to 50 m  
 Pollutant: Unit - Hazmat\_Transportation  
 Release Quantity: 1 mass Start: 19 04 24 6 45 Duration: 0 hrs, 10 min  
 Pollutant Averaging/Integration Period: 1 hrs and 0 min  
 Dry Deposition rate: 0 cm/s      Wet Removal: None #Part: 10000  
 Meteorology: 0100Z 24 Apr 2019 - NAMCNEST  
 Event: Real\_Event - Hazmat\_Transportation  
 Produced by user: ██████████ - WFO: TX: Dallas/Fort\_Worth: ██████████

# NOAA HYSPLIT MODEL PARTICLE CROSS-SECTIONS PARTICLE POSITIONS AT 18 00 24 Apr 19



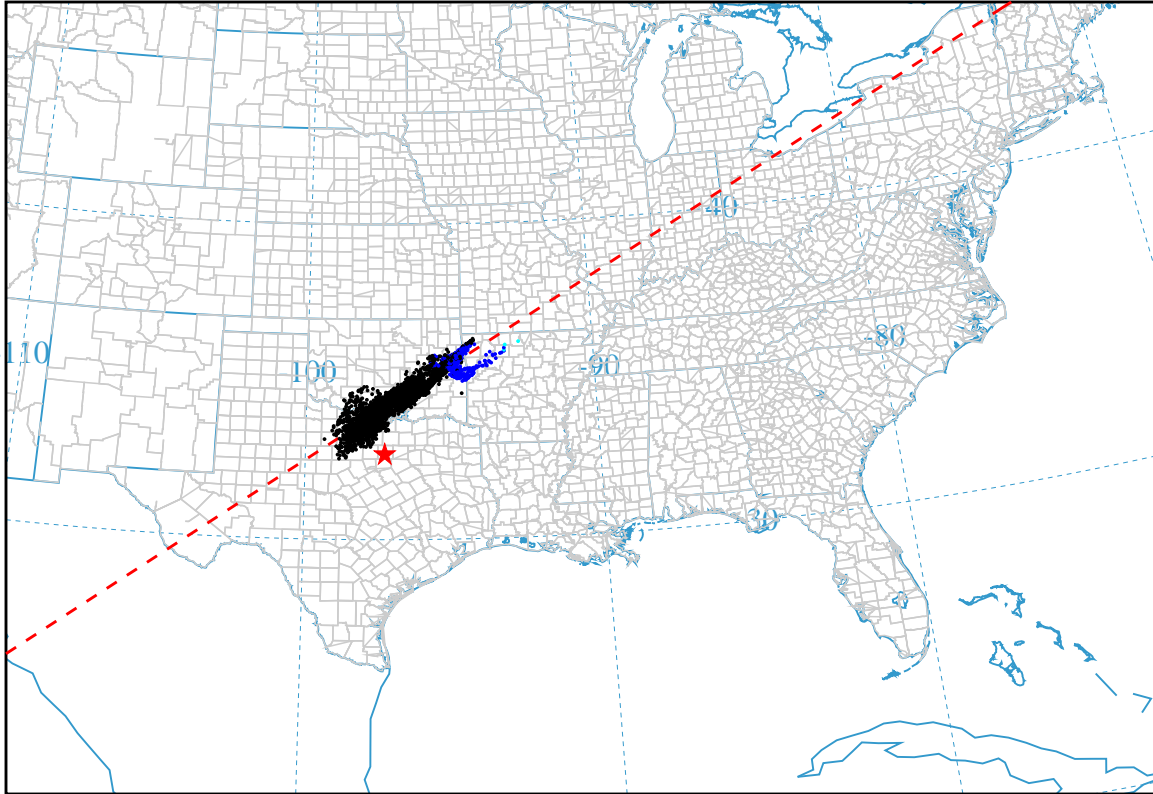
LAYER (m): < 4000 < 8000 <12000 <16000 <20000



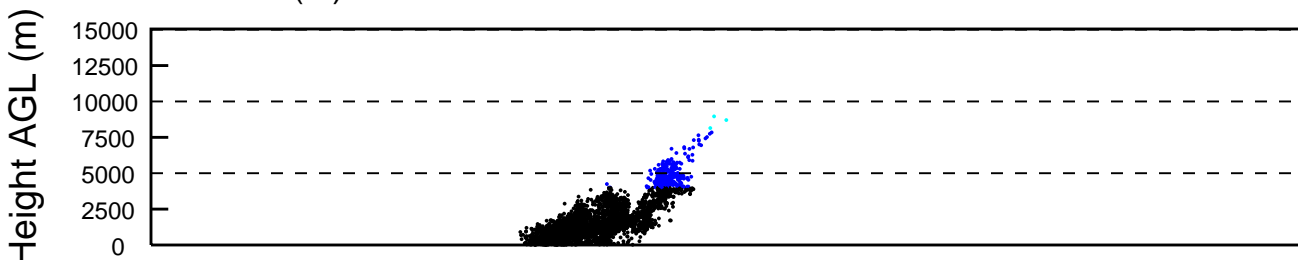
NUMBER OF PARTICLES PLOTTED: 3500 (skip interval 03)

Job ID: 21095 Job Start: Wed Apr 24 06:51:45 UTC 2019  
Release: lat.: 32.705953 lon.: -97.311101 Hgt: 0 to 50 m  
Pollutant: Unit - Hazmat\_Transportation  
Release Quantity: 1 mass Start: 19 04 24 6 45 Duration: 0 hrs, 10 min  
Pollutant Averaging/Integration Period: 1 hrs and 0 min  
Dry Deposition rate: 0 cm/s Wet Removal: None #Part: 10000  
Meteorology: 0100Z 24 Apr 2019 - NAMCNEST  
Event: Real\_Event - Hazmat\_Transportation  
Produced by user: [REDACTED] - WFO: TX: Dallas/Fort\_Worth: [REDACTED]

# NOAA HYSPLIT MODEL PARTICLE CROSS-SECTIONS PARTICLE POSITIONS AT 19 00 24 Apr 19



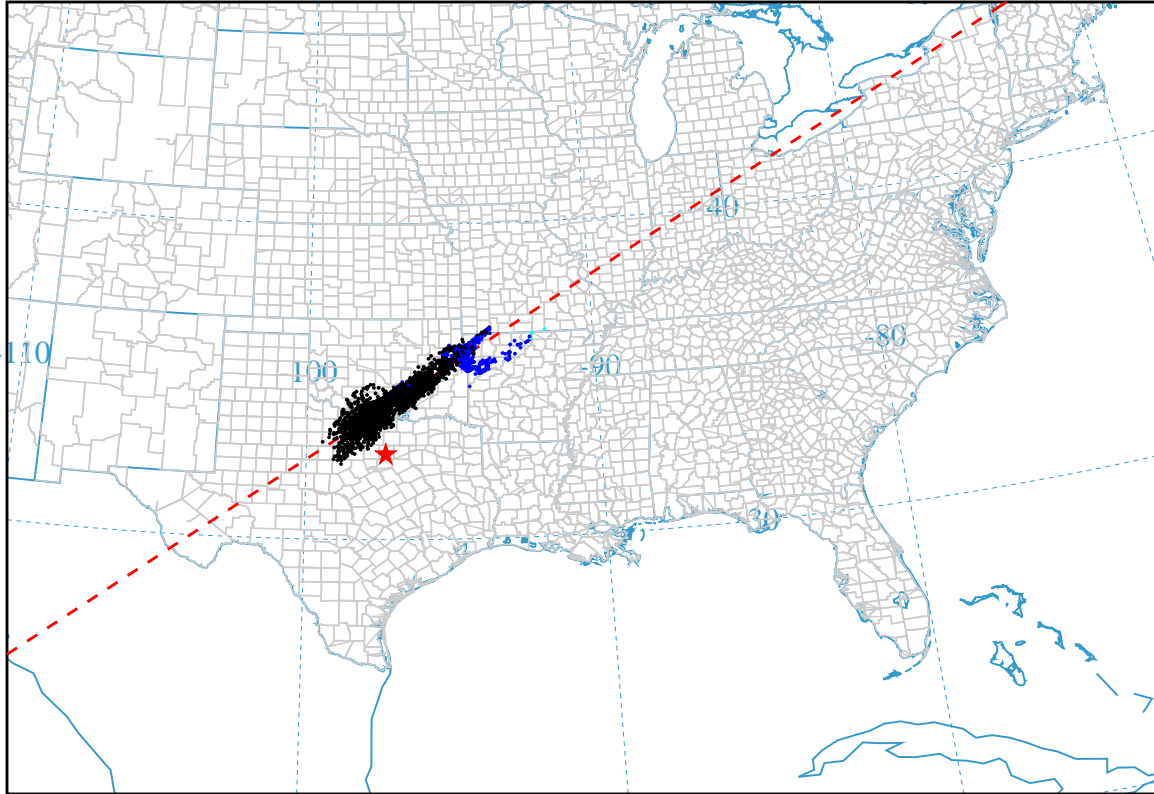
LAYER (m):    < 4000      < 8000      <12000      <16000      <20000



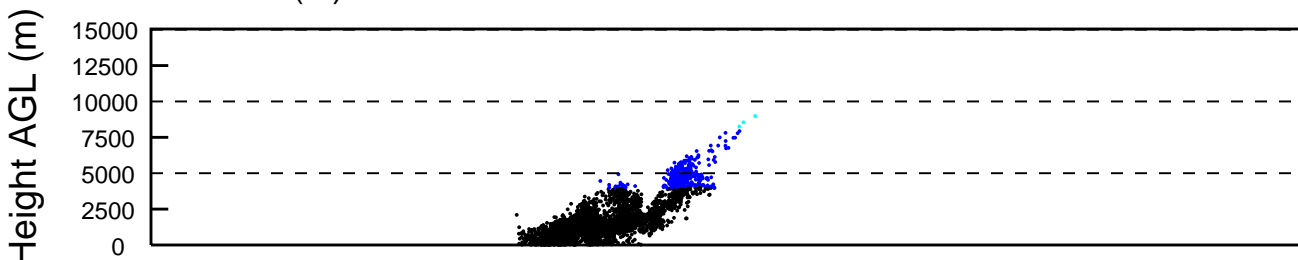
NUMBER OF PARTICLES PLOTTED: 3500 (skip interval 03)

Job ID: 21095                      Job Start: Wed Apr 24 06:51:45 UTC 2019  
 Release: lat.: 32.705953 lon.: -97.311101 Hgt: 0 to 50 m  
 Pollutant: Unit - Hazmat\_Transportation  
 Release Quantity: 1 mass Start: 19 04 24 6 45 Duration: 0 hrs, 10 min  
 Pollutant Averaging/Integration Period: 1 hrs and 0 min  
 Dry Deposition rate: 0 cm/s      Wet Removal: None #Part: 10000  
 Meteorology: 0100Z 24 Apr 2019 - NAMCNEST  
 Event: Real\_Event - Hazmat\_Transportation  
 Produced by user: ██████████ - WFO: TX: Dallas/Fort\_Worth: ██████████

# NOAA HYSPLIT MODEL PARTICLE CROSS-SECTIONS PARTICLE POSITIONS AT 20 00 24 Apr 19



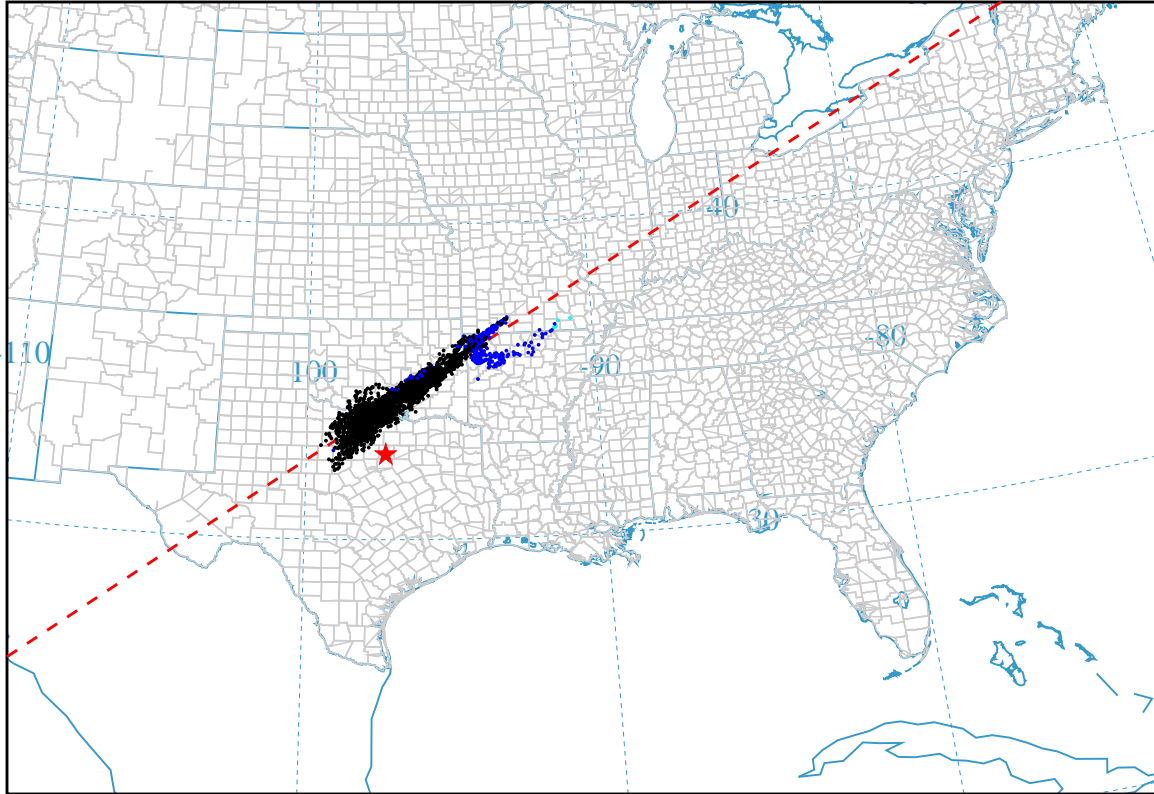
LAYER (m):    < 4000       < 8000       <12000       <16000       <20000



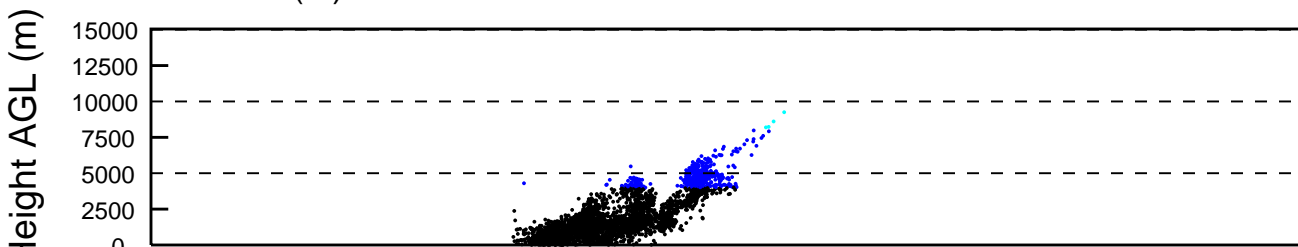
NUMBER OF PARTICLES PLOTTED: 3500 (skip interval 03)

Job ID: 21095	Job Start: Wed Apr 24 06:51:45 UTC 2019
Release: lat.: 32.705953 lon.: -97.311101 Hgt: 0 to 50 m	
Pollutant: Unit - Hazmat_Transportation	
Release Quantity: 1 mass Start: 19 04 24 6 45 Duration: 0 hrs, 10 min	
Pollutant Averaging/Integration Period: 1 hrs and 0 min	
Dry Deposition rate: 0 cm/s Wet Removal: None #Part: 10000	
Meteorology: 0100Z 24 Apr 2019 - NAMCNEST	
Event: Real_Event - Hazmat_Transportation	
Produced by user: ██████████ - WFO: TX: Dallas/Fort_Worth: ██████████	

# NOAA HYSPLIT MODEL PARTICLE CROSS-SECTIONS PARTICLE POSITIONS AT 21 00 24 Apr 19



LAYER (m): < 4000 < 8000 <12000 <16000 <20000

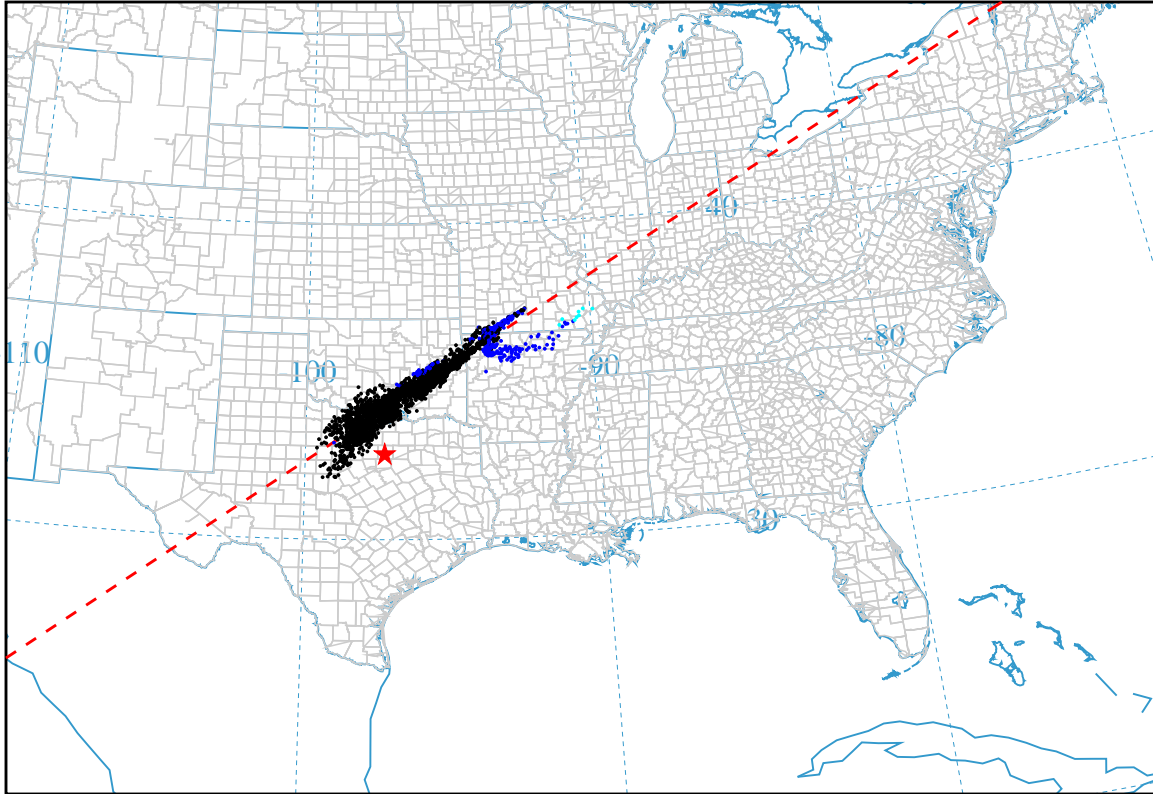


NUMBER OF PARTICLES PLOTTED: 3500 (skip interval 03)

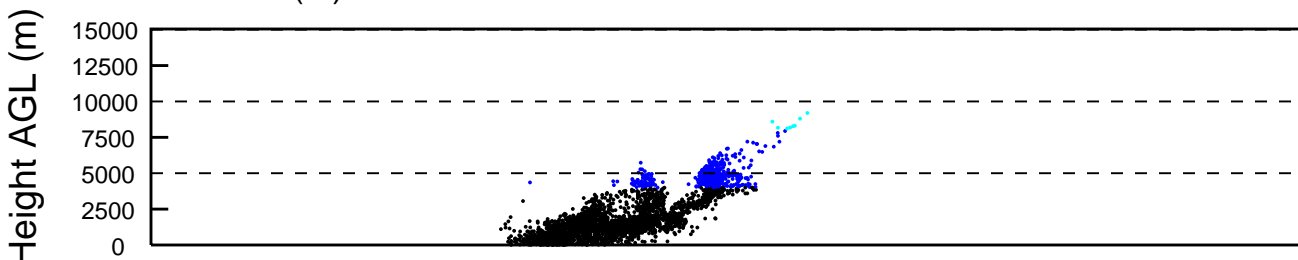
Job ID: 21095 Job Start: Wed Apr 24 06:51:45 UTC 2019  
Release: lat.: 32.705953 lon.: -97.311101 Hgt: 0 to 50 m  
Pollutant: Unit - Hazmat\_Transportation  
Release Quantity: 1 mass Start: 19 04 24 6 45 Duration: 0 hrs, 10 min  
Pollutant Averaging/Integration Period: 1 hrs and 0 min  
Dry Deposition rate: 0 cm/s Wet Removal: None #Part: 10000  
Meteorology: 0100Z 24 Apr 2019 - NAMCNEST  
Event: Real\_Event - Hazmat\_Transportation  
Produced by user: [REDACTED] - WFO: TX: Dallas/Fort\_Worth: [REDACTED]



# NOAA HYSPLIT MODEL PARTICLE CROSS-SECTIONS PARTICLE POSITIONS AT 22 00 24 Apr 19



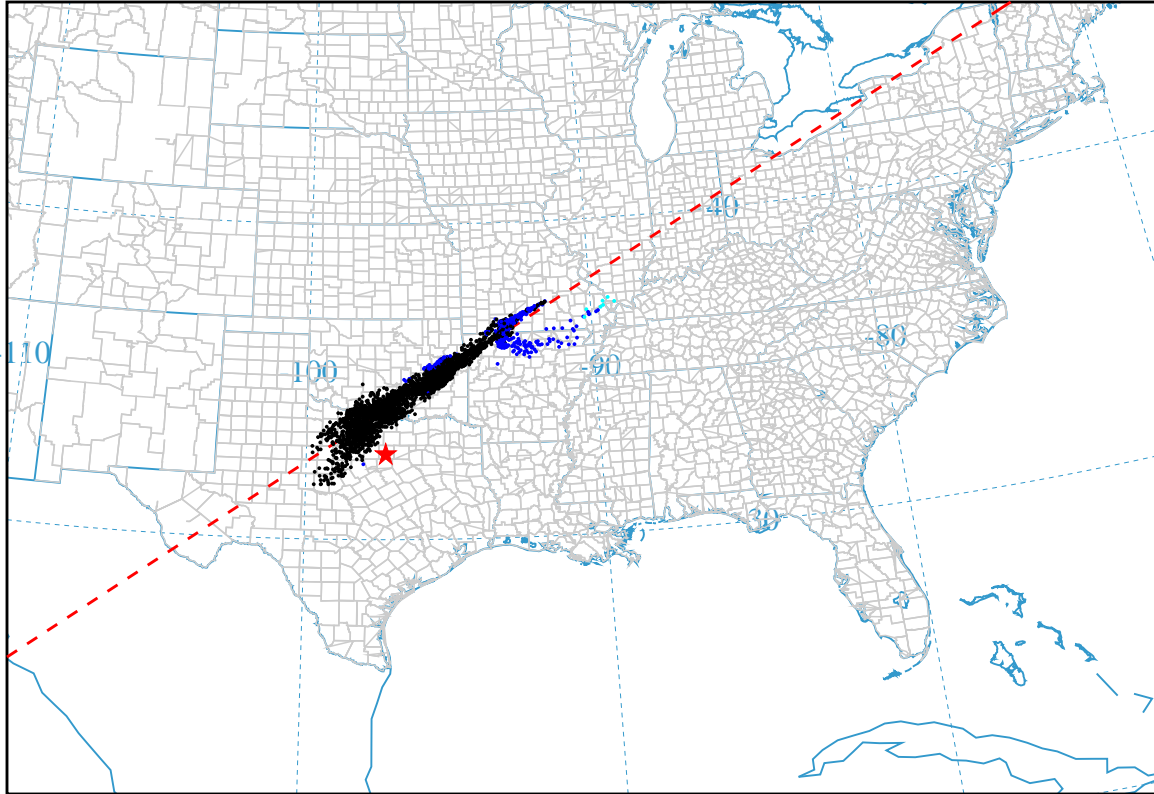
LAYER (m): < 4000 < 8000 <12000 <16000 <20000



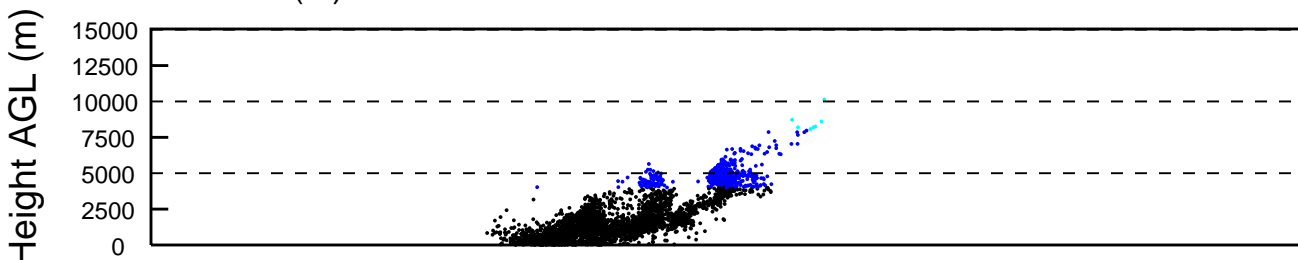
NUMBER OF PARTICLES PLOTTED: 3500 (skip interval 03)

Job ID: 21095 Job Start: Wed Apr 24 06:51:45 UTC 2019  
Release: lat.: 32.705953 lon.: -97.311101 Hgt: 0 to 50 m  
Pollutant: Unit - Hazmat\_Transportation  
Release Quantity: 1 mass Start: 19 04 24 6 45 Duration: 0 hrs, 10 min  
Pollutant Averaging/Integration Period: 1 hrs and 0 min  
Dry Deposition rate: 0 cm/s Wet Removal: None #Part: 10000  
Meteorology: 0100Z 24 Apr 2019 - NAMCNES  
Event: Real\_Event - Hazmat\_Transportation  
Produced by user: [REDACTED] - WFO: TX: Dallas/Fort\_Worth: [REDACTED]

# NOAA HYSPLIT MODEL PARTICLE CROSS-SECTIONS PARTICLE POSITIONS AT 23 00 24 Apr 19



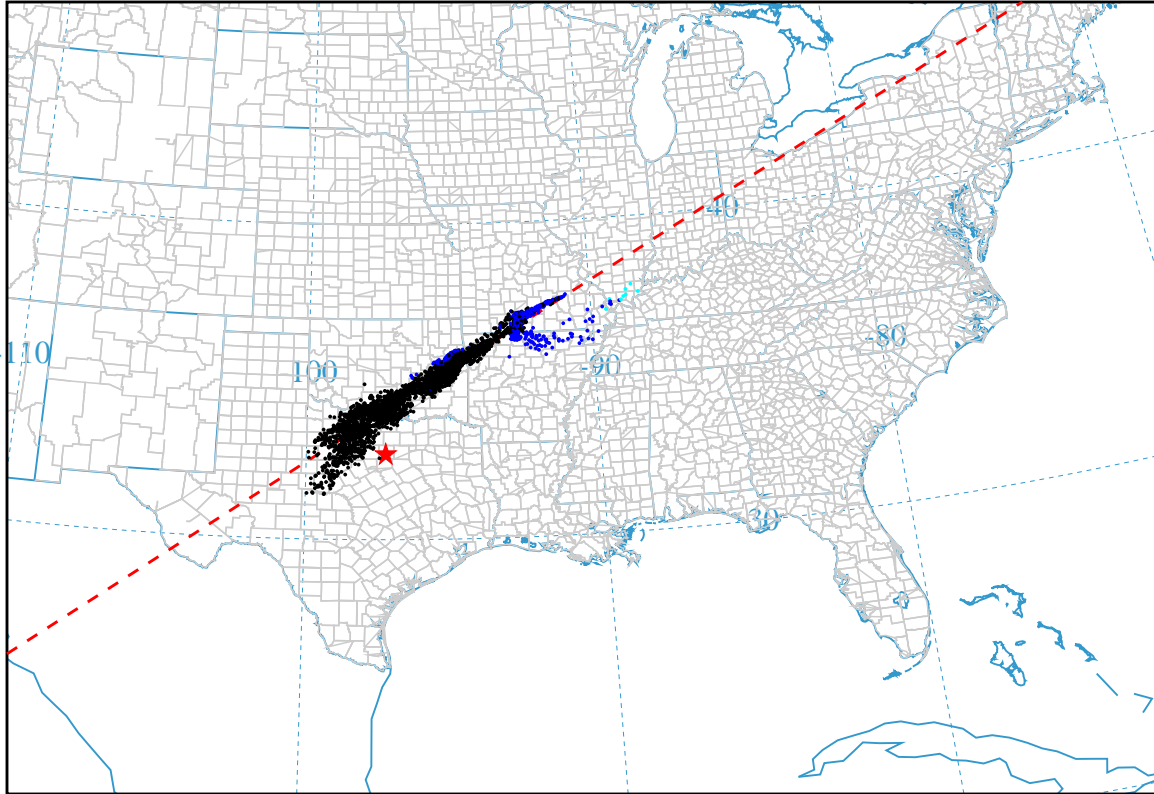
LAYER (m):    < 4000       < 8000       <12000       <16000       <20000



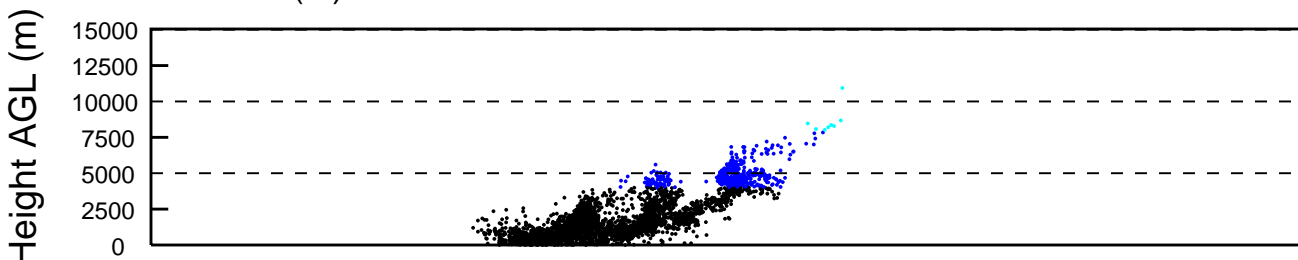
NUMBER OF PARTICLES PLOTTED: 3500 (skip interval 03)

Job ID: 21095                      Job Start: Wed Apr 24 06:51:45 UTC 2019  
 Release: lat.: 32.705953 lon.: -97.311101 Hgt: 0 to 50 m  
 Pollutant: Unit - Hazmat\_Transportation  
 Release Quantity: 1 mass Start: 19 04 24 6 45 Duration: 0 hrs, 10 min  
 Pollutant Averaging/Integration Period: 1 hrs and 0 min  
 Dry Deposition rate: 0 cm/s      Wet Removal: None #Part: 10000  
 Meteorology: 0100Z 24 Apr 2019 - NAMCNES  
 Event: Real\_Event - Hazmat\_Transportation  
 Produced by user: [REDACTED] - WFO: TX: Dallas/Fort\_Worth: [REDACTED]

# NOAA HYSPLIT MODEL PARTICLE CROSS-SECTIONS PARTICLE POSITIONS AT 00 00 25 Apr 19



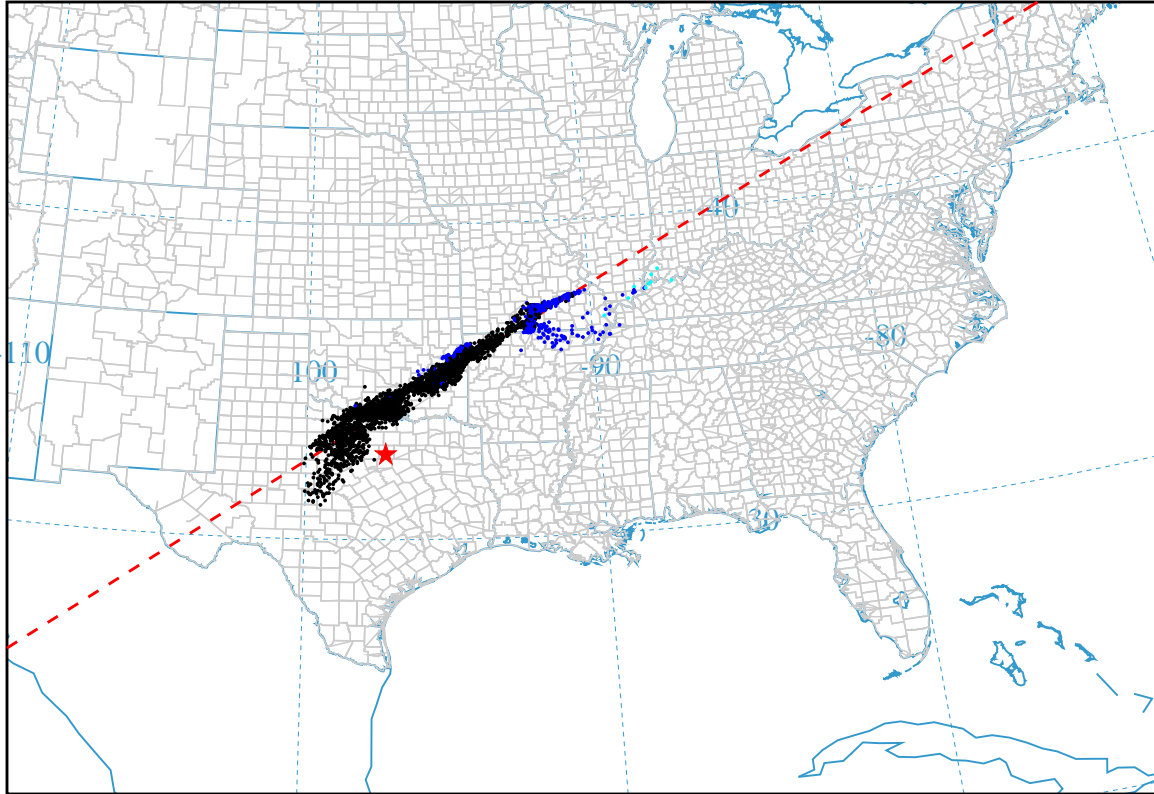
LAYER (m):    < 4000       < 8000       <12000       <16000       <20000



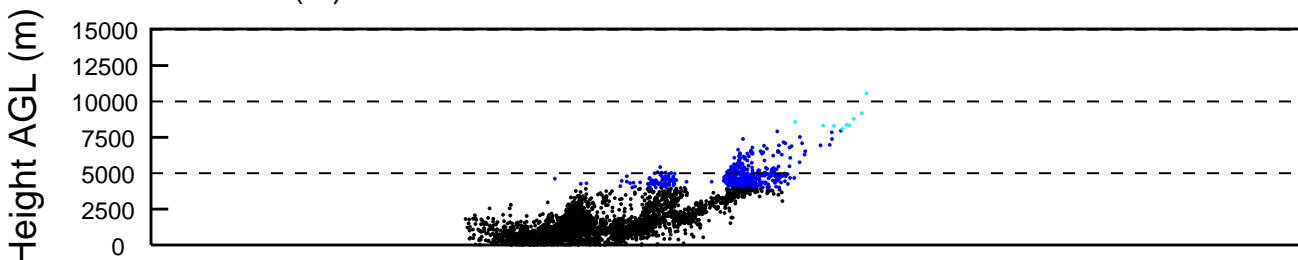
NUMBER OF PARTICLES PLOTTED: 3500 (skip interval 03)

Job ID: 21095                      Job Start: Wed Apr 24 06:51:45 UTC 2019  
 Release: lat.: 32.705953 lon.: -97.311101 Hgt: 0 to 50 m  
 Pollutant: Unit - Hazmat\_Transportation  
 Release Quantity: 1 mass Start: 19 04 24 6 45 Duration: 0 hrs, 10 min  
 Pollutant Averaging/Integration Period: 1 hrs and 0 min  
 Dry Deposition rate: 0 cm/s      Wet Removal: None #Part: 10000  
 Meteorology: 0100Z 24 Apr 2019 - NAMCNEST  
 Event: Real\_Event - Hazmat\_Transportation  
 Produced by user: ██████████ - WFO: TX: Dallas/Fort\_Worth: ██████████

# NOAA HYSPLIT MODEL PARTICLE CROSS-SECTIONS PARTICLE POSITIONS AT 01 00 25 Apr 19



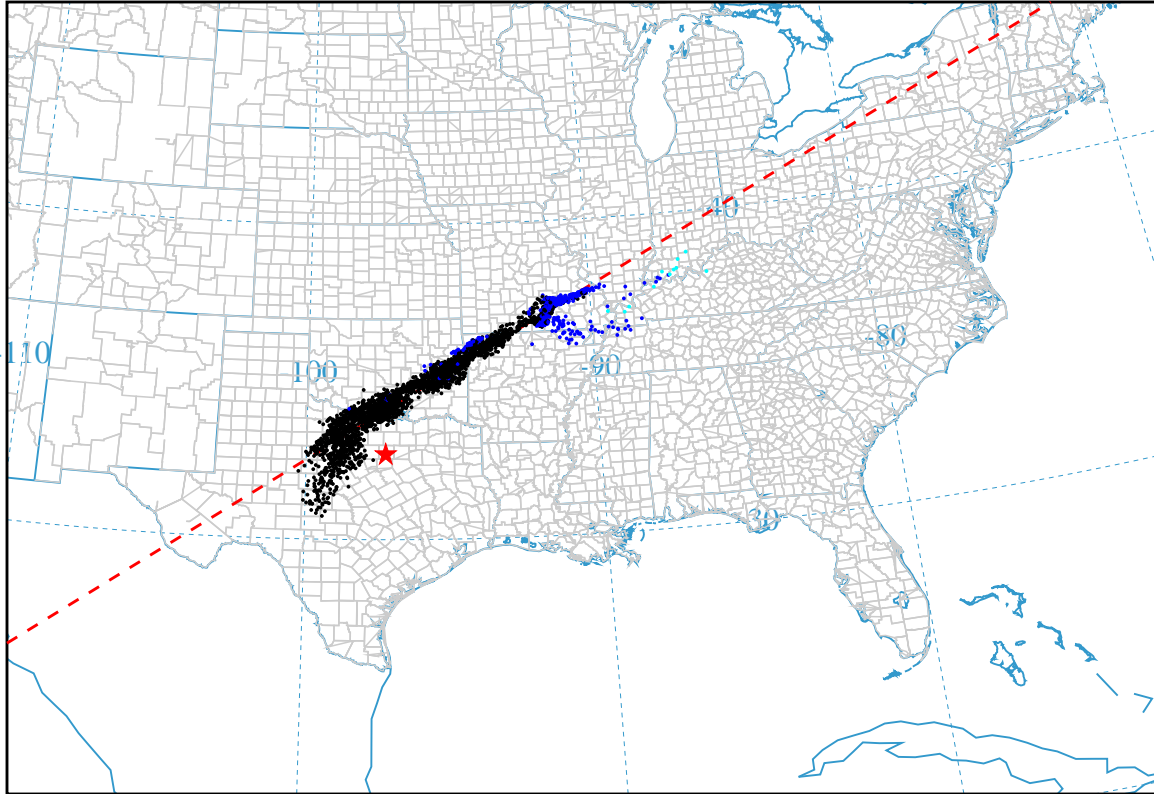
LAYER (m): < 4000 < 8000 <12000 <16000 <20000



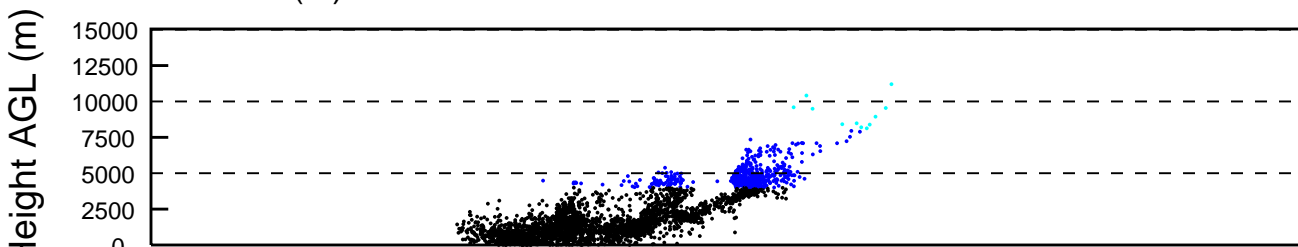
NUMBER OF PARTICLES PLOTTED: 3500 (skip interval 03)

Job ID: 21095 Job Start: Wed Apr 24 06:51:45 UTC 2019  
Release: lat.: 32.705953 lon.: -97.311101 Hgt: 0 to 50 m  
Pollutant: Unit - Hazmat\_Transportation  
Release Quantity: 1 mass Start: 19 04 24 6 45 Duration: 0 hrs, 10 min  
Pollutant Averaging/Integration Period: 1 hrs and 0 min  
Dry Deposition rate: 0 cm/s Wet Removal: None #Part: 10000  
Meteorology: 0100Z 24 Apr 2019 - NAMCNES  
Event: Real\_Event - Hazmat\_Transportation  
Produced by user: [REDACTED] - WFO: TX: Dallas/Fort\_Worth: [REDACTED]

# NOAA HYSPLIT MODEL PARTICLE CROSS-SECTIONS PARTICLE POSITIONS AT 02 00 25 Apr 19



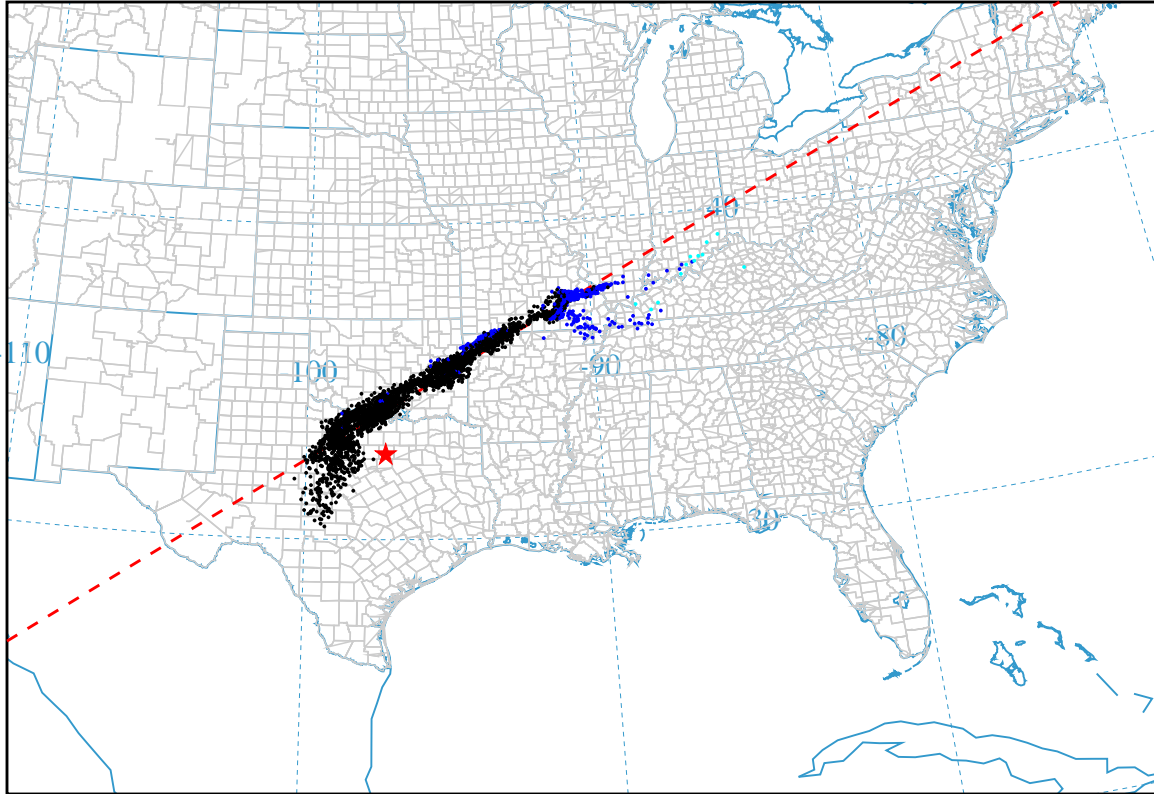
LAYER (m):    < 4000       < 8000       <12000       <16000       <20000



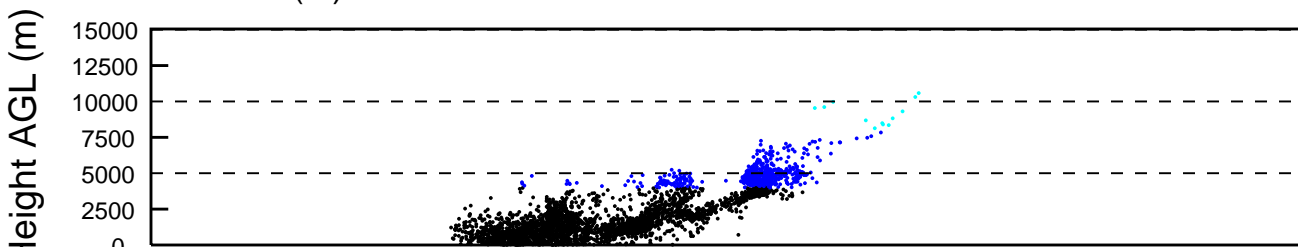
NUMBER OF PARTICLES PLOTTED: 3500 (skip interval 03)

Job ID: 21095	Job Start: Wed Apr 24 06:51:45 UTC 2019
Release: lat.: 32.705953 lon.: -97.311101 Hgt: 0 to 50 m	
Pollutant: Unit - Hazmat_Transportation	
Release Quantity: 1 mass Start: 19 04 24 6 45 Duration: 0 hrs, 10 min	
Pollutant Averaging/Integration Period: 1 hrs and 0 min	
Dry Deposition rate: 0 cm/s Wet Removal: None #Part: 10000	
Meteorology: 0100Z 24 Apr 2019 - NAMCNES	
Event: Real_Event - Hazmat_Transportation	
Produced by user: [REDACTED] - WFO: TX: Dallas/Fort_Worth: [REDACTED]	

# NOAA HYSPLIT MODEL PARTICLE CROSS-SECTIONS PARTICLE POSITIONS AT 03 00 25 Apr 19



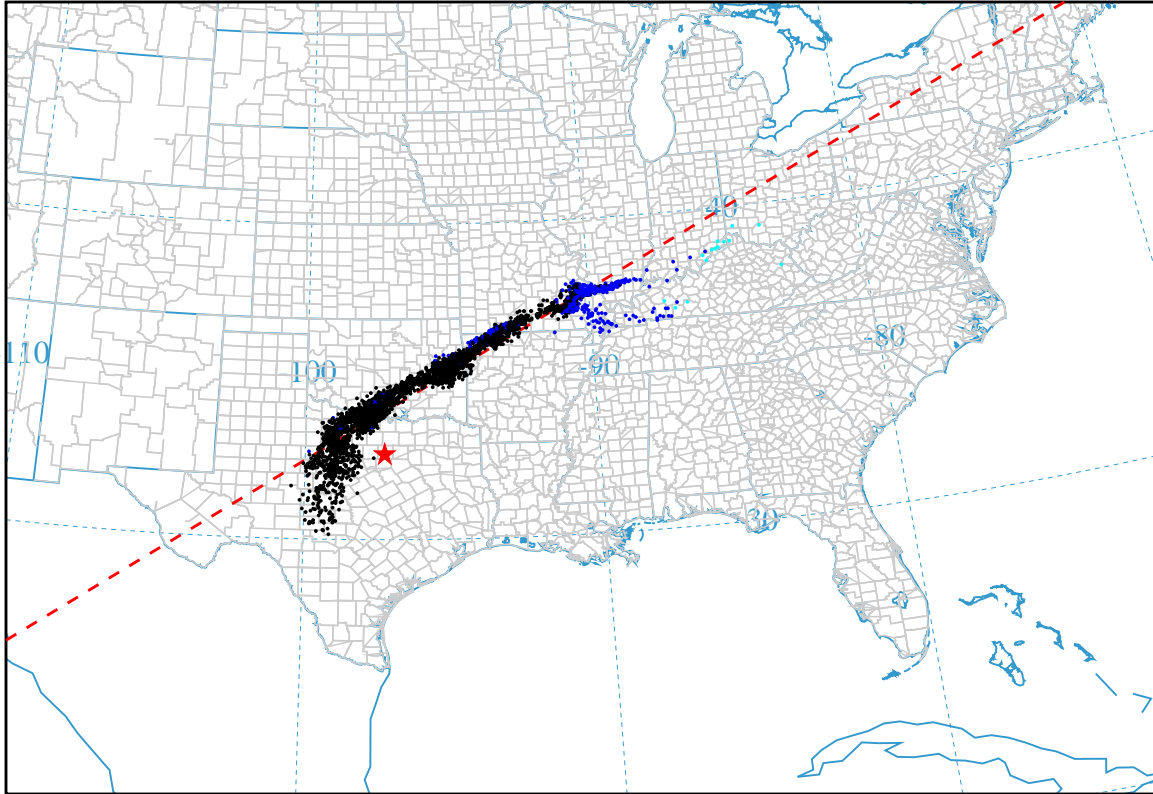
LAYER (m): < 4000 < 8000 < 12000 < 16000 < 20000



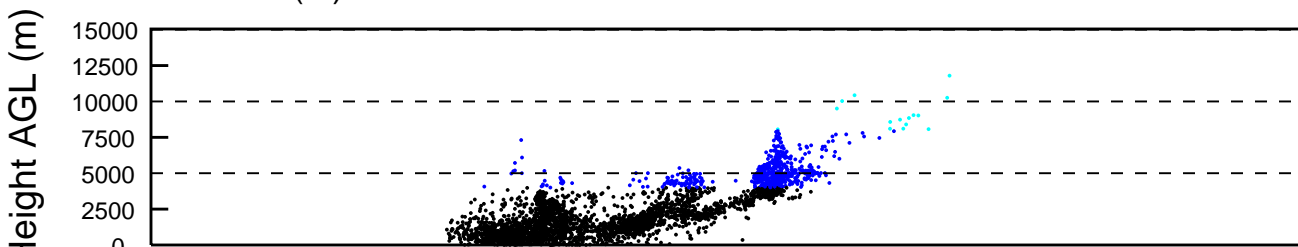
NUMBER OF PARTICLES PLOTTED: 3500 (skip interval 03)

Job ID: 21095 Job Start: Wed Apr 24 06:51:45 UTC 2019  
Release: lat.: 32.705953 lon.: -97.311101 Hgt: 0 to 50 m  
Pollutant: Unit - Hazmat\_Transportation  
Release Quantity: 1 mass Start: 19 04 24 6 45 Duration: 0 hrs, 10 min  
Pollutant Averaging/Integration Period: 1 hrs and 0 min  
Dry Deposition rate: 0 cm/s Wet Removal: None #Part: 10000  
Meteorology: 0100Z 24 Apr 2019 - NAMCNES  
Event: Real\_Event - Hazmat\_Transportation  
Produced by user: [REDACTED] - WFO: TX: Dallas/Fort\_Worth: [REDACTED]

# NOAA HYSPLIT MODEL PARTICLE CROSS-SECTIONS PARTICLE POSITIONS AT 04 00 25 Apr 19



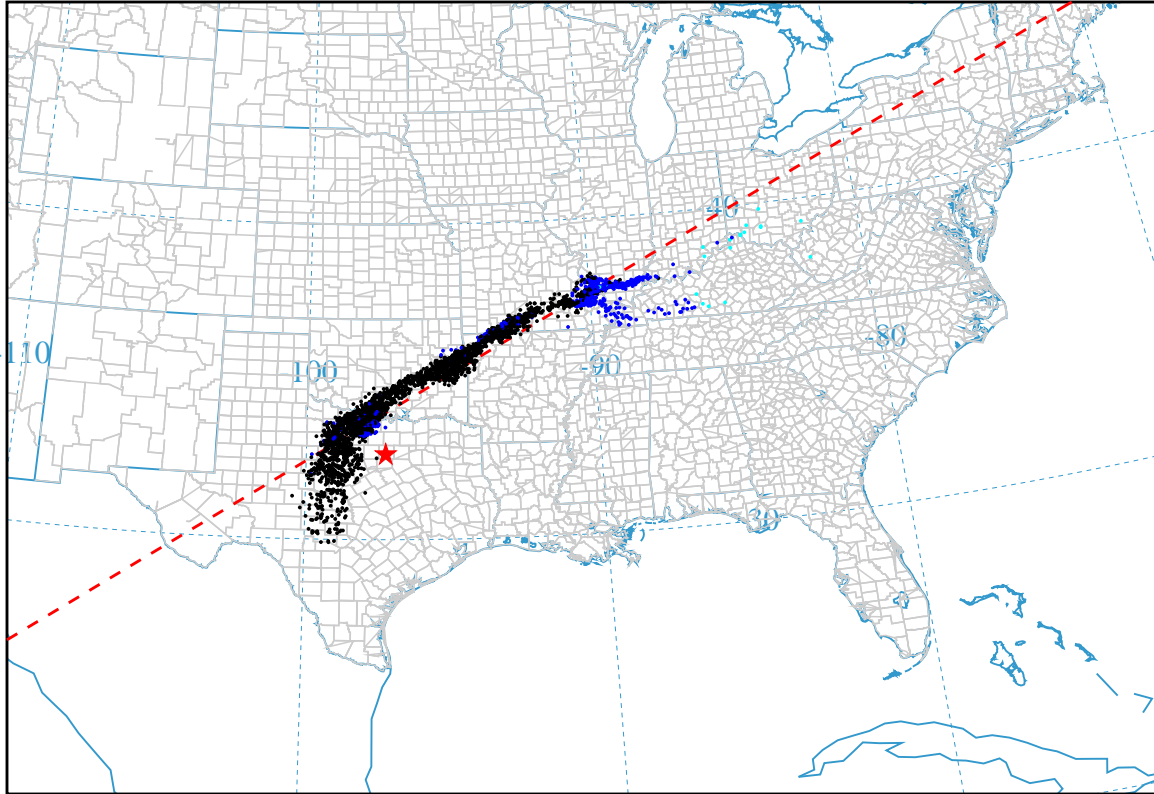
LAYER (m): < 4000 < 8000 < 12000 < 16000 < 20000



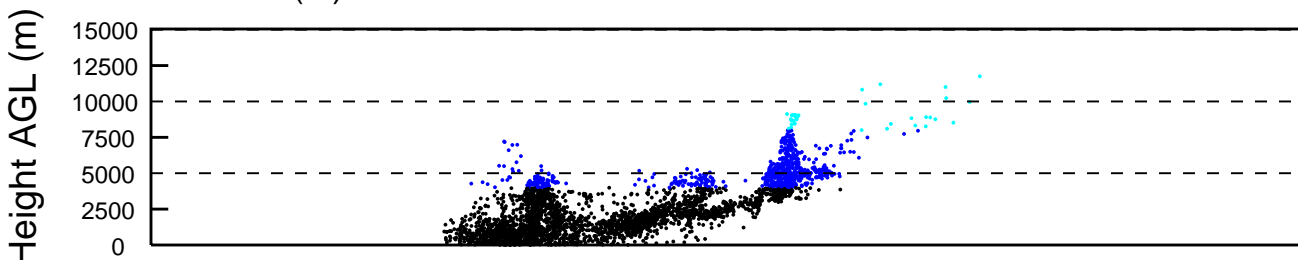
NUMBER OF PARTICLES PLOTTED: 3500 (skip interval 03)

Job ID: 21095 Job Start: Wed Apr 24 06:51:45 UTC 2019  
Release: lat.: 32.705953 lon.: -97.311101 Hgt: 0 to 50 m  
Pollutant: Unit - Hazmat\_Transportation  
Release Quantity: 1 mass Start: 19 04 24 6 45 Duration: 0 hrs, 10 min  
Pollutant Averaging/Integration Period: 1 hrs and 0 min  
Dry Deposition rate: 0 cm/s Wet Removal: None #Part: 10000  
Meteorology: 0100Z 24 Apr 2019 - NAMCNEST  
Event: Real\_Event - Hazmat\_Transportation  
Produced by user: [REDACTED] - WFO: TX: Dallas/Fort\_Worth: [REDACTED]

# NOAA HYSPLIT MODEL PARTICLE CROSS-SECTIONS PARTICLE POSITIONS AT 05 00 25 Apr 19



LAYER (m):    < 4000      < 8000      <12000      <16000      <20000

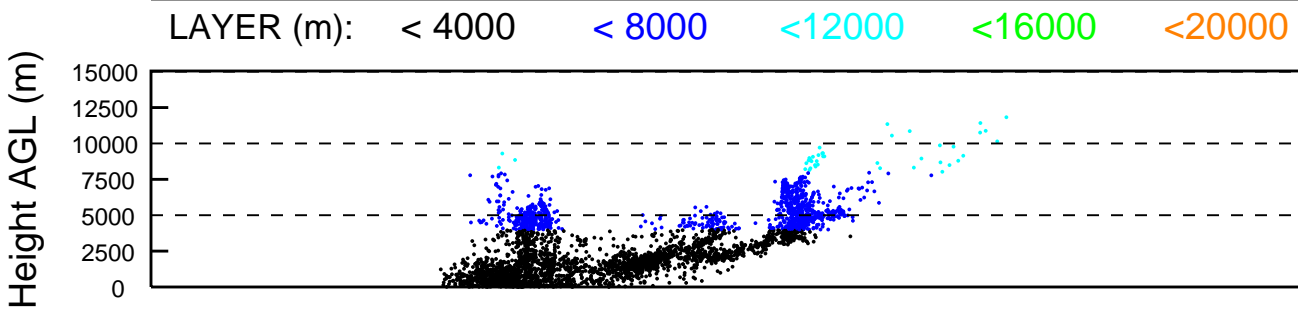
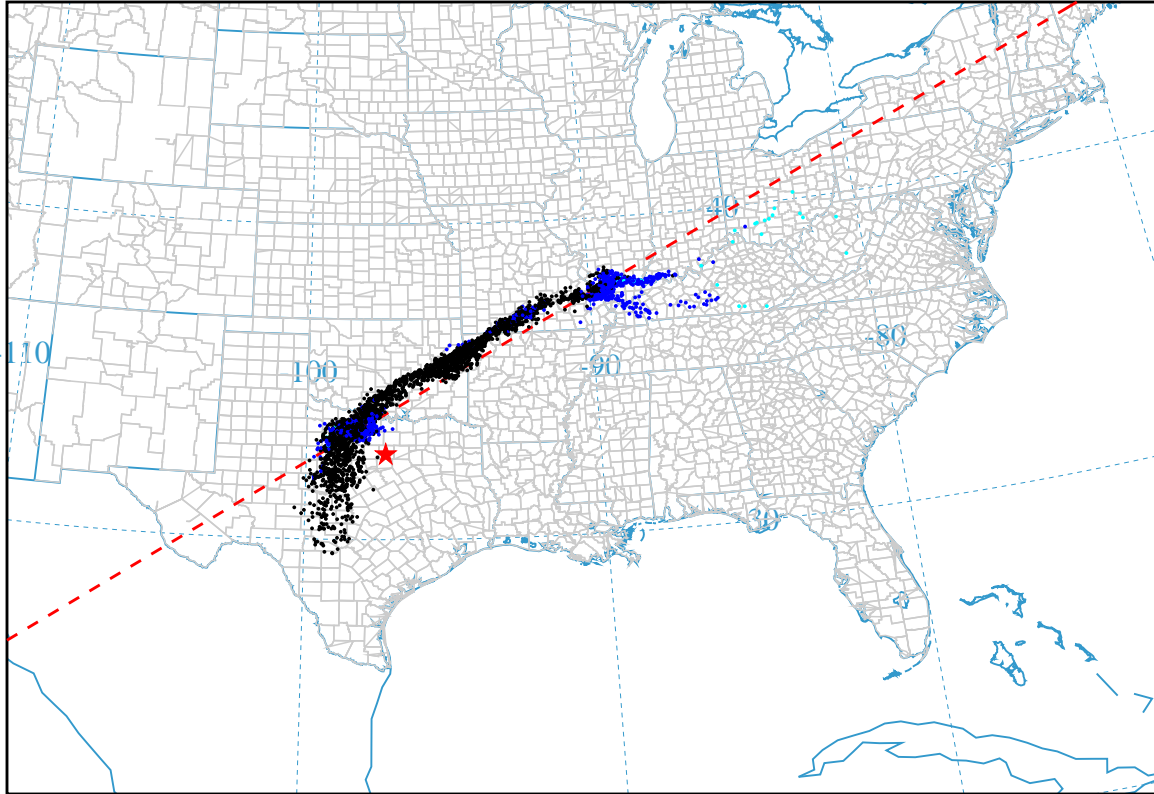


NUMBER OF PARTICLES PLOTTED: 3500 (skip interval 03)

Job ID: 21095	Job Start: Wed Apr 24 06:51:45 UTC 2019
Release: lat.: 32.705953 lon.: -97.311101 Hgt: 0 to 50 m	
Pollutant: Unit - Hazmat_Transportation	
Release Quantity: 1 mass Start: 19 04 24 6 45 Duration: 0 hrs, 10 min	
Pollutant Averaging/Integration Period: 1 hrs and 0 min	
Dry Deposition rate: 0 cm/s Wet Removal: None #Part: 10000	
Meteorology: 0100Z 24 Apr 2019 - NAMCNEST	
Event: Real_Event - Hazmat_Transportation	
Produced by user: [REDACTED] - WFO: TX: Dallas/Fort_Worth: [REDACTED]	



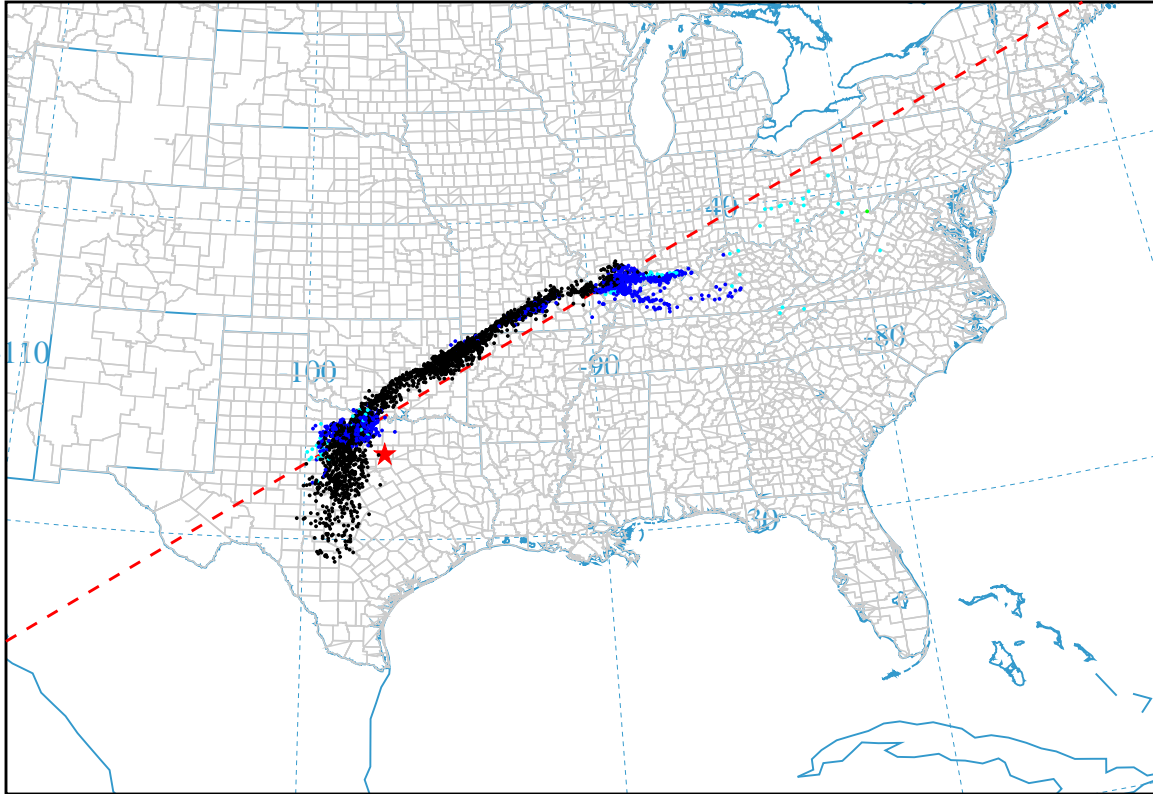
# NOAA HYSPLIT MODEL PARTICLE CROSS-SECTIONS PARTICLE POSITIONS AT 06 00 25 Apr 19



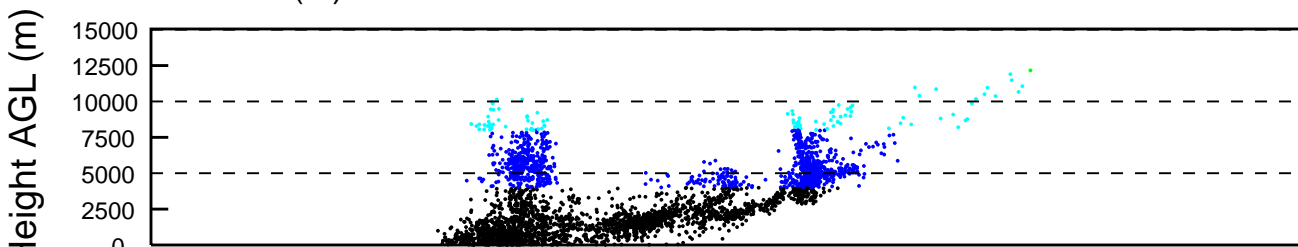
NUMBER OF PARTICLES PLOTTED: 3500 (skip interval 03)

Job ID: 21095                      Job Start: Wed Apr 24 06:51:45 UTC 2019  
Release: lat.: 32.705953 lon.: -97.311101 Hgt: 0 to 50 m  
Pollutant: Unit - Hazmat\_Transportation  
Release Quantity: 1 mass Start: 19 04 24 6 45 Duration: 0 hrs, 10 min  
Pollutant Averaging/Integration Period: 1 hrs and 0 min  
Dry Deposition rate: 0 cm/s    Wet Removal: None #Part: 10000  
Meteorology: 0100Z 24 Apr 2019 - NAMCNES  
Event: Real\_Event - Hazmat\_Transportation  
Produced by user: ██████████ - WFO: TX: Dallas/Fort\_Worth: ██████████

# NOAA HYSPLIT MODEL PARTICLE CROSS-SECTIONS PARTICLE POSITIONS AT 07 00 25 Apr 19



LAYER (m): < 4000 < 8000 <12000 <16000 <20000



NUMBER OF PARTICLES PLOTTED: 3500 (skip interval 03)

Job ID: 21095 Job Start: Wed Apr 24 06:51:45 UTC 2019  
Release: lat.: 32.705953 lon.: -97.311101 Hgt: 0 to 50 m  
Pollutant: Unit - Hazmat\_Transportation  
Release Quantity: 1 mass Start: 19 04 24 6 45 Duration: 0 hrs, 10 min  
Pollutant Averaging/Integration Period: 1 hrs and 0 min  
Dry Deposition rate: 0 cm/s Wet Removal: None #Part: 10000  
Meteorology: 0100Z 24 Apr 2019 - NAMCNEST  
Event: Real\_Event - Hazmat\_Transportation  
Produced by user: [REDACTED] - WFO: TX: Dallas/Fort\_Worth: [REDACTED]

Plume Arrival (hours) from Initial Time  
Initial Time = 6z 24 Apr 2019; species = Unit; level(m) = 100

