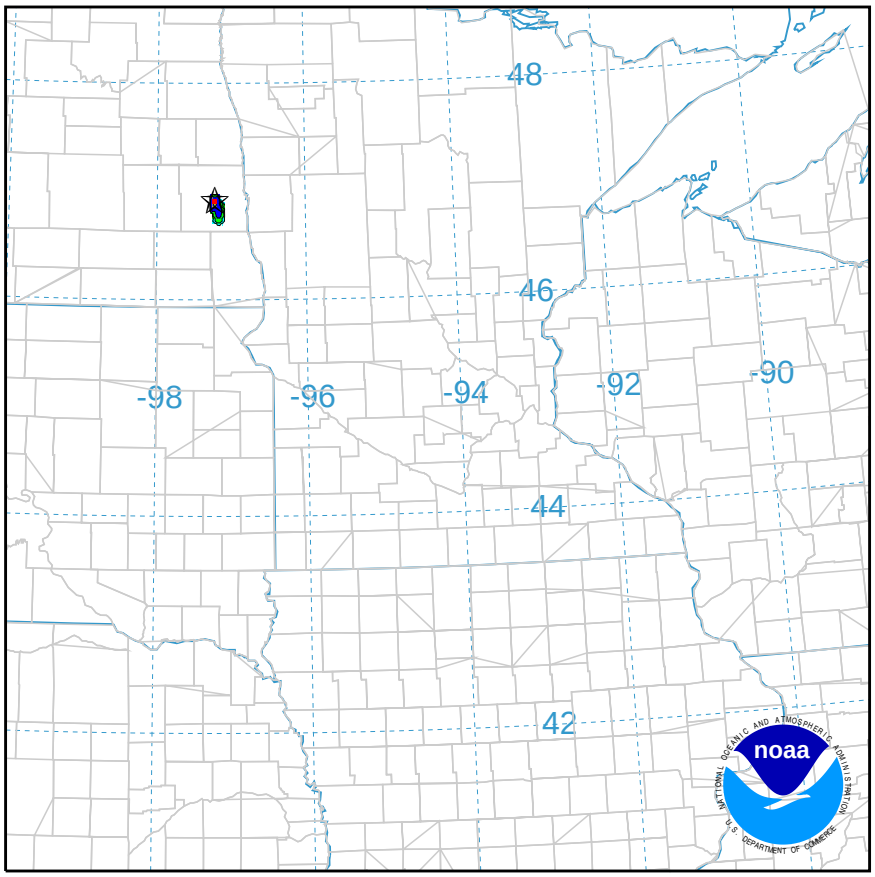
NOAA HYSPLIT MODEL

Concentration (mass/m3) averaged between 0 m and 100 m
Integrated from 2200 30 Dec to 2300 30 Dec 13 (UTC)
Mass Release started at 2200 30 Dec 13 (UTC)

Source ☆ 46.907 N 97.221 W from 4 m



>1.0E-12 mass/m3
>1.0E-13 mass/m3
>1.0E-14 mass/m3
>1.0E-15 mass/m3

Maximum: 2.1E-12 mass/m3

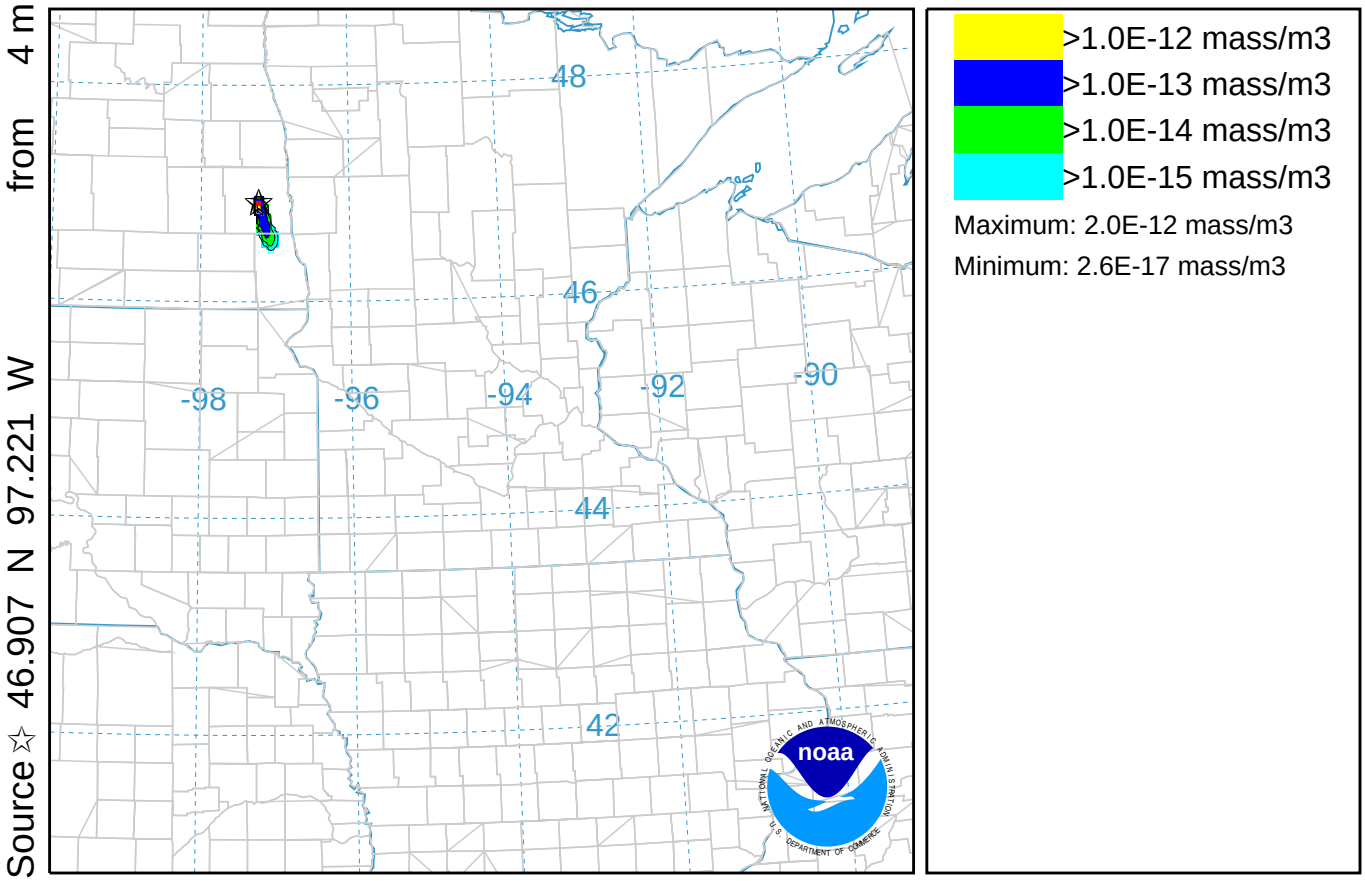
Minimum: 3.4E-18 mass/m3

NAMS METEOROLOGICAL DATA

Job ID: 25119 Job Start: Mon Dec 30 22:14:32 UTC 2013
Release: lat.: 46.906640 lon.: -97.220850 Hgt: 4 to 4 m
Pollutant:
Release Quantity: 1 mass Start: 13 12 30 22 00 Duration: 24 hrs, 0 min
Pollutant Averaging/Integration Period: 1 hrs and 0 min
Dry Deposition rate: 0 cm/s Wet Removal: None #Part: 28000
Meteorology: 1800Z 30 Dec 2013 - NAM NEtile
Produced by user: jeff.makowski

NOAA HYSPLIT MODEL

Concentration (mass/m3) averaged between 0 m and 100 m
Integrated from 2300 30 Dec to 0000 31 Dec 13 (UTC)
Mass Release started at 2200 30 Dec 13 (UTC)

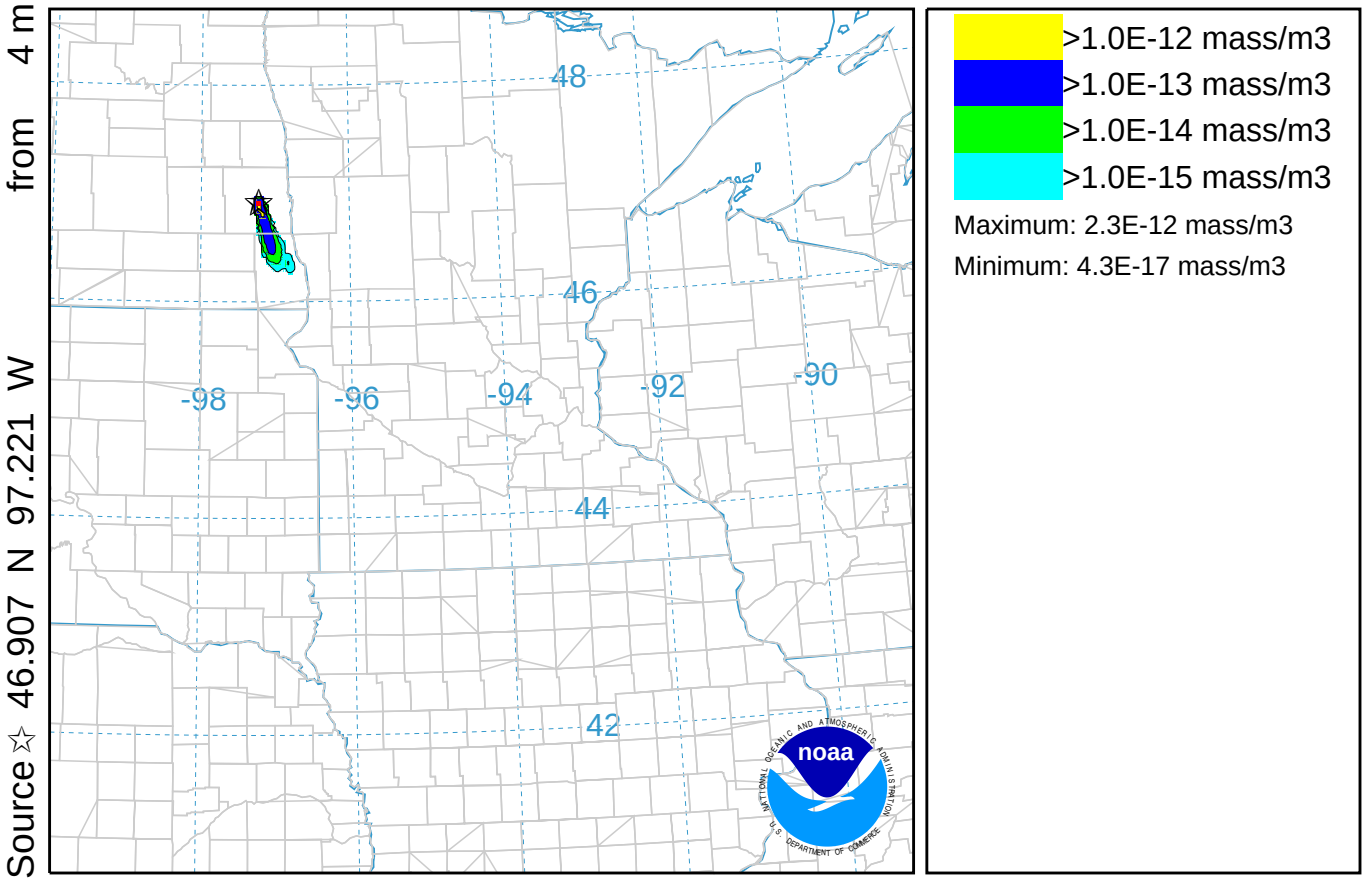


NAMS METEOROLOGICAL DATA

Job ID: 25119 Job Start: Mon Dec 30 22:14:32 UTC 2013
Release: lat.: 46.906640 lon.: -97.220850 Hgt: 4 to 4 m
Pollutant:
Release Quantity: 1 mass Start: 13 12 30 22 00 Duration: 24 hrs, 0 min
Pollutant Averaging/Integration Period: 1 hrs and 0 min
Dry Deposition rate: 0 cm/s Wet Removal: None #Part: 28000
Meteorology: 1800Z 30 Dec 2013 - NAM NEtile
Produced by user: jeff.makowski

NOAA HYSPLIT MODEL

Concentration (mass/m3) averaged between 0 m and 100 m
Integrated from 0000 31 Dec to 0100 31 Dec 13 (UTC)
Mass Release started at 2200 30 Dec 13 (UTC)

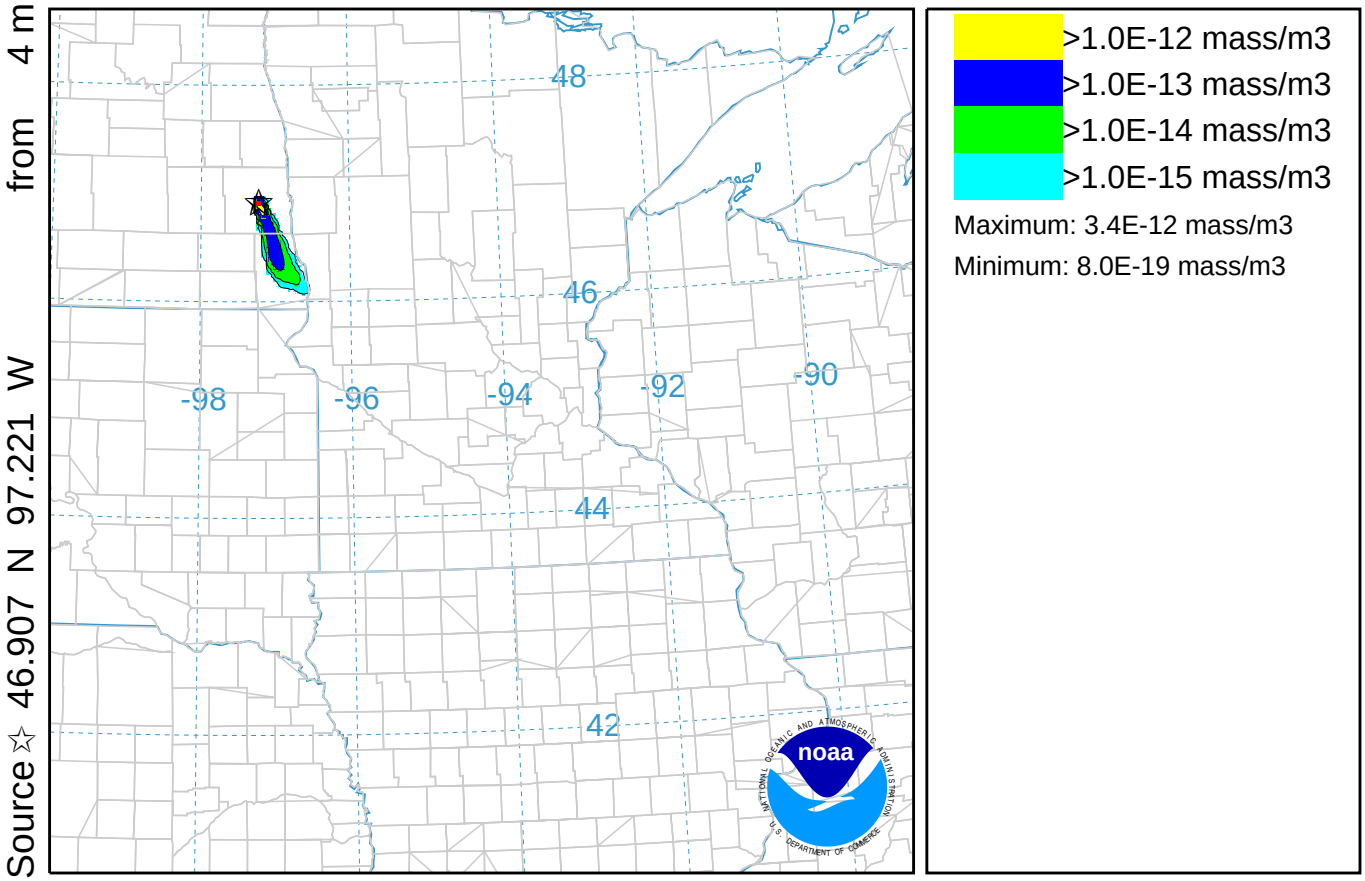


NAMS METEOROLOGICAL DATA

Job ID: 25119 Job Start: Mon Dec 30 22:14:32 UTC 2013
Release: lat.: 46.906640 lon.: -97.220850 Hgt: 4 to 4 m
Pollutant:
Release Quantity: 1 mass Start: 13 12 30 22 00 Duration: 24 hrs, 0 min
Pollutant Averaging/Integration Period: 1 hrs and 0 min
Dry Deposition rate: 0 cm/s Wet Removal: None #Part: 28000
Meteorology: 1800Z 30 Dec 2013 - NAM NEtile
Produced by user: jeff.makowski

NOAA HYSPLIT MODEL

Concentration (mass/m3) averaged between 0 m and 100 m
Integrated from 0100 31 Dec to 0200 31 Dec 13 (UTC)
Mass Release started at 2200 30 Dec 13 (UTC)

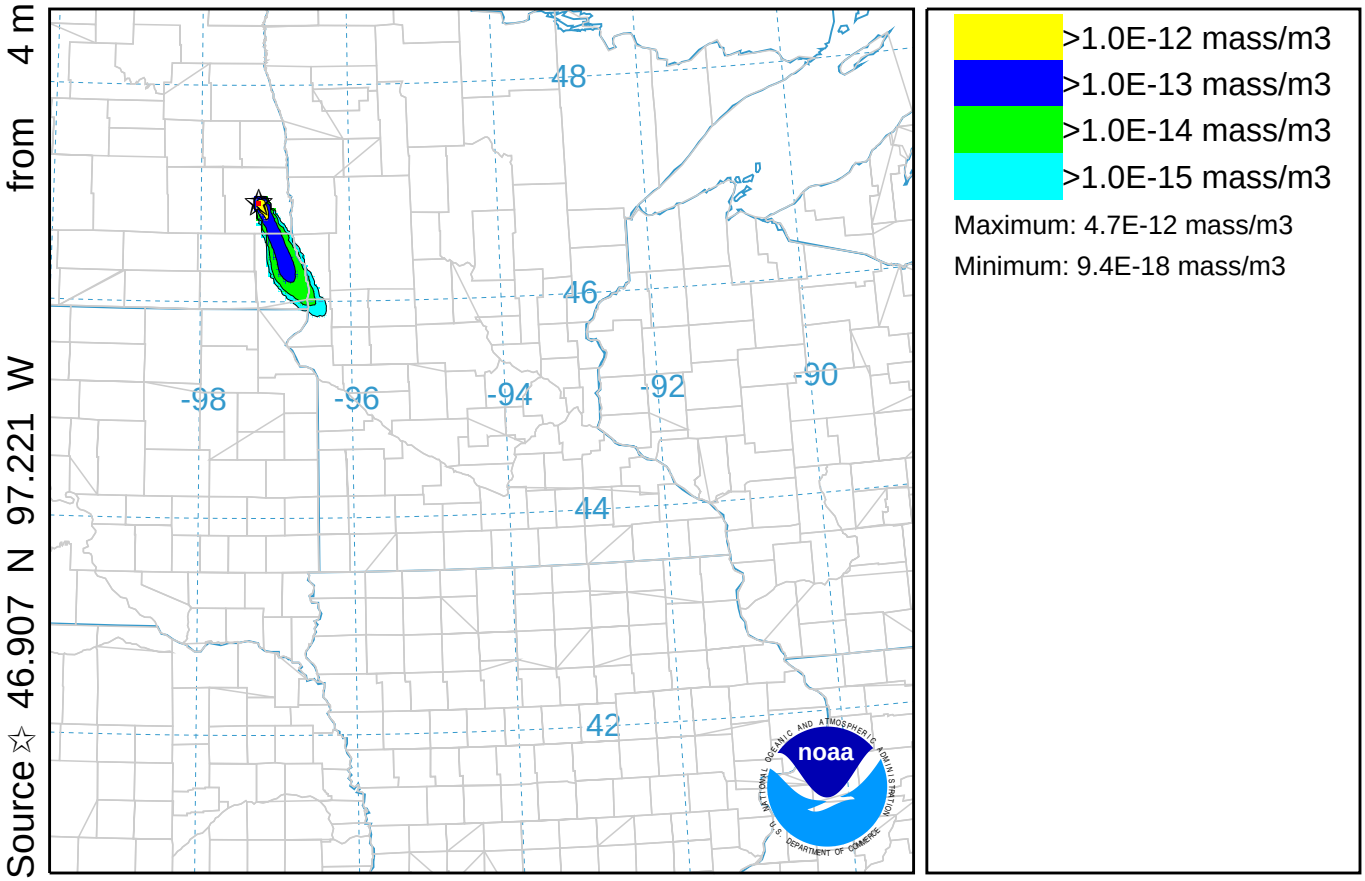


NAMS METEOROLOGICAL DATA

Job ID: 25119 Job Start: Mon Dec 30 22:14:32 UTC 2013
Release: lat.: 46.906640 lon.: -97.220850 Hgt: 4 to 4 m
Pollutant:
Release Quantity: 1 mass Start: 13 12 30 22 00 Duration: 24 hrs, 0 min
Pollutant Averaging/Integration Period: 1 hrs and 0 min
Dry Deposition rate: 0 cm/s Wet Removal: None #Part: 28000
Meteorology: 1800Z 30 Dec 2013 - NAM NEtile
Produced by user: jeff.makowski

NOAA HYSPLIT MODEL

Concentration (mass/m3) averaged between 0 m and 100 m
Integrated from 0200 31 Dec to 0300 31 Dec 13 (UTC)
Mass Release started at 2200 30 Dec 13 (UTC)

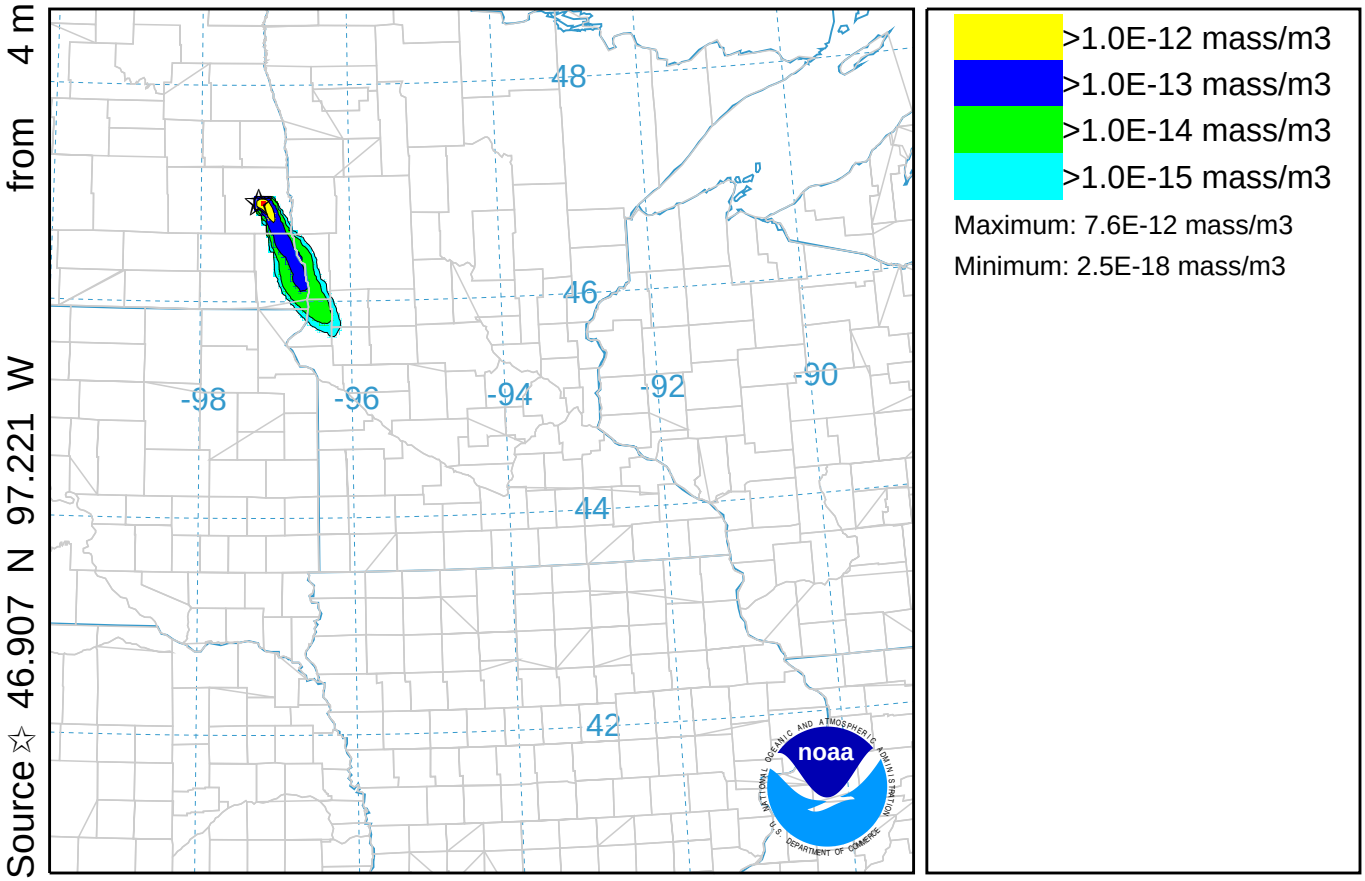


NAMS METEOROLOGICAL DATA

Job ID: 25119 Job Start: Mon Dec 30 22:14:32 UTC 2013
Release: lat.: 46.906640 lon.: -97.220850 Hgt: 4 to 4 m
Pollutant:
Release Quantity: 1 mass Start: 13 12 30 22 00 Duration: 24 hrs, 0 min
Pollutant Averaging/Integration Period: 1 hrs and 0 min
Dry Deposition rate: 0 cm/s Wet Removal: None #Part: 28000
Meteorology: 1800Z 30 Dec 2013 - NAM NEtile
Produced by user: jeff.makowski

NOAA HYSPLIT MODEL

Concentration (mass/m3) averaged between 0 m and 100 m
Integrated from 0300 31 Dec to 0400 31 Dec 13 (UTC)
Mass Release started at 2200 30 Dec 13 (UTC)

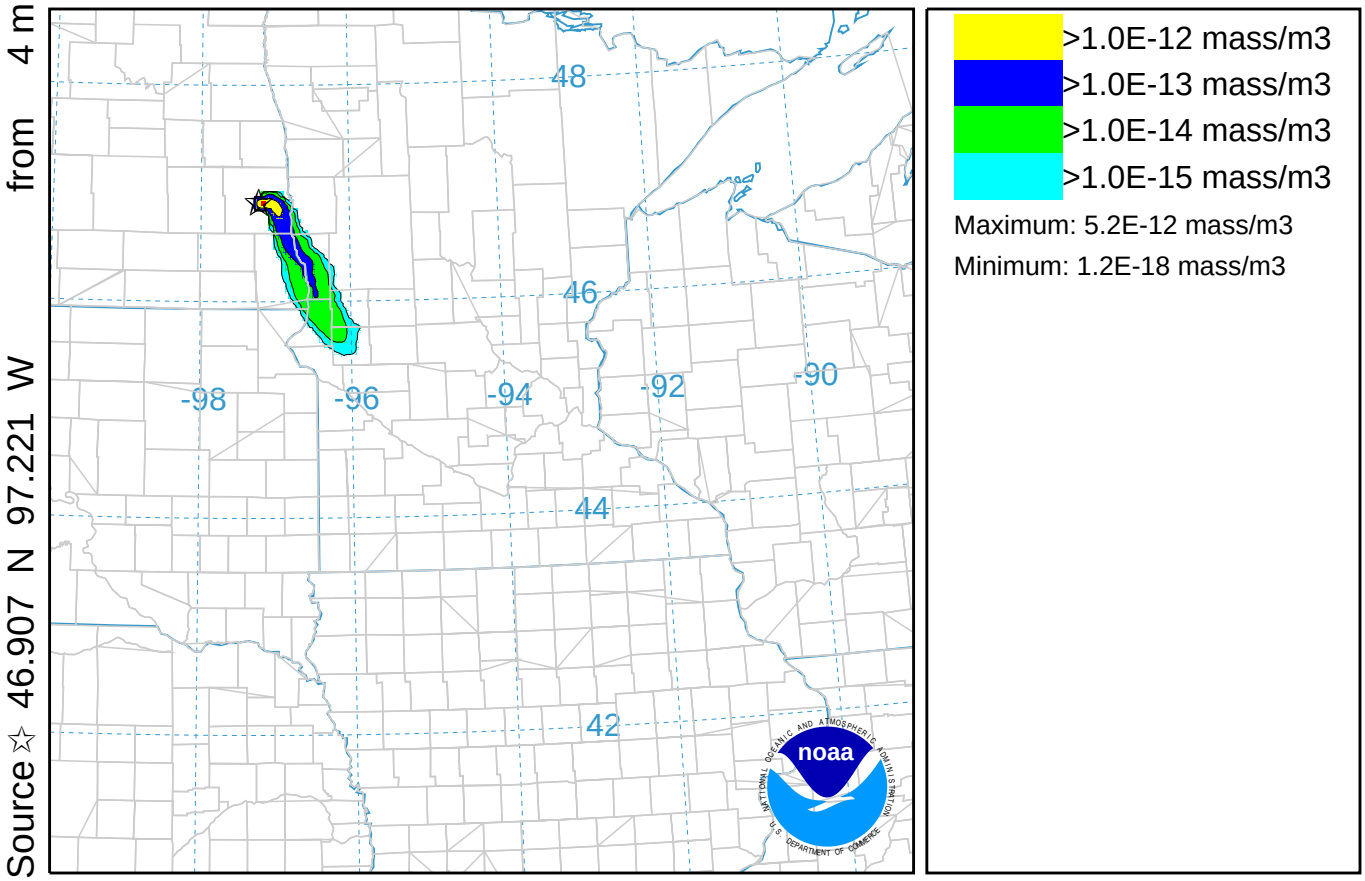


NAMS METEOROLOGICAL DATA

Job ID: 25119 Job Start: Mon Dec 30 22:14:32 UTC 2013
Release: lat.: 46.906640 lon.: -97.220850 Hgt: 4 to 4 m
Pollutant:
Release Quantity: 1 mass Start: 13 12 30 22 00 Duration: 24 hrs, 0 min
Pollutant Averaging/Integration Period: 1 hrs and 0 min
Dry Deposition rate: 0 cm/s Wet Removal: None #Part: 28000
Meteorology: 1800Z 30 Dec 2013 - NAM NEtile
Produced by user: jeff.makowski

NOAA HYSPLIT MODEL

Concentration (mass/m3) averaged between 0 m and 100 m
Integrated from 0400 31 Dec to 0500 31 Dec 13 (UTC)
Mass Release started at 2200 30 Dec 13 (UTC)

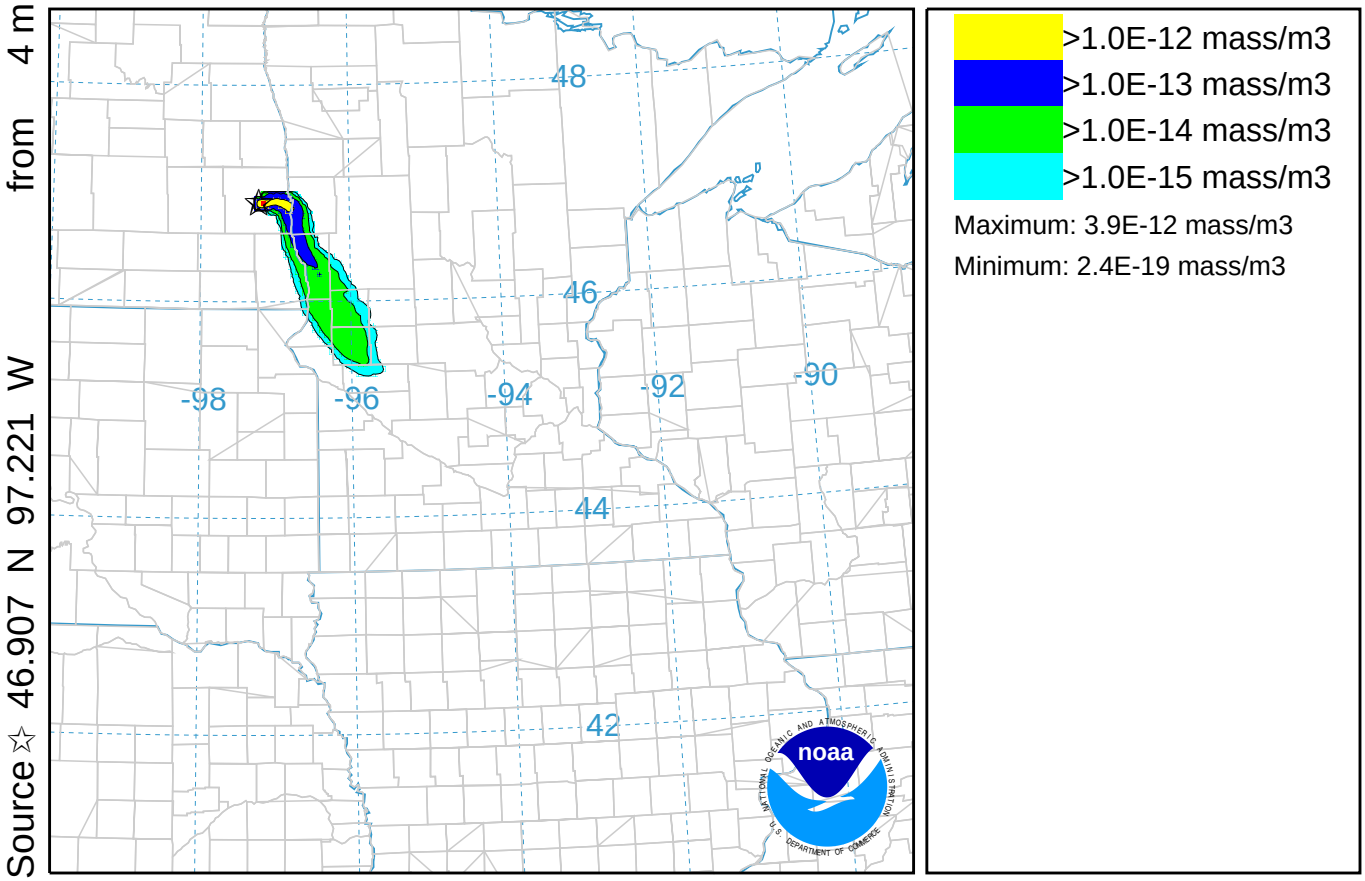


NAMS METEOROLOGICAL DATA

Job ID: 25119 Job Start: Mon Dec 30 22:14:32 UTC 2013
Release: lat.: 46.906640 lon.: -97.220850 Hgt: 4 to 4 m
Pollutant:
Release Quantity: 1 mass Start: 13 12 30 22 00 Duration: 24 hrs, 0 min
Pollutant Averaging/Integration Period: 1 hrs and 0 min
Dry Deposition rate: 0 cm/s Wet Removal: None #Part: 28000
Meteorology: 1800Z 30 Dec 2013 - NAM NEtile
Produced by user: jeff.makowski

NOAA HYSPLIT MODEL

Concentration (mass/m3) averaged between 0 m and 100 m
Integrated from 0500 31 Dec to 0600 31 Dec 13 (UTC)
Mass Release started at 2200 30 Dec 13 (UTC)



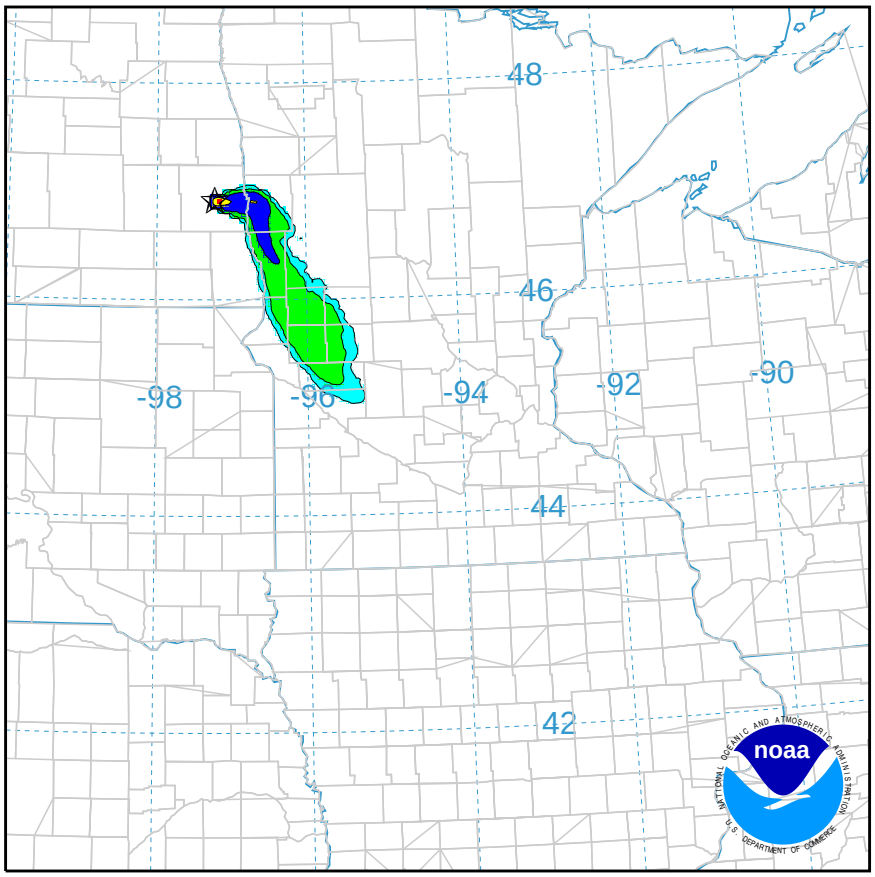
NAMS METEOROLOGICAL DATA

Job ID: 25119 Job Start: Mon Dec 30 22:14:32 UTC 2013
Release: lat.: 46.906640 lon.: -97.220850 Hgt: 4 to 4 m
Pollutant:
Release Quantity: 1 mass Start: 13 12 30 22 00 Duration: 24 hrs, 0 min
Pollutant Averaging/Integration Period: 1 hrs and 0 min
Dry Deposition rate: 0 cm/s Wet Removal: None #Part: 28000
Meteorology: 1800Z 30 Dec 2013 - NAM NEtile
Produced by user: jeff.makowski

NOAA HYSPLIT MODEL

Concentration (mass/m3) averaged between 0 m and 100 m
Integrated from 0600 31 Dec to 0700 31 Dec 13 (UTC)
Mass Release started at 2200 30 Dec 13 (UTC)

Source ☆ 46.907 N 97.221 W from 4 m



>1.0E-12 mass/m3
>1.0E-13 mass/m3
>1.0E-14 mass/m3
>1.0E-15 mass/m3

Maximum: 4.0E-12 mass/m3
Minimum: 4.8E-19 mass/m3

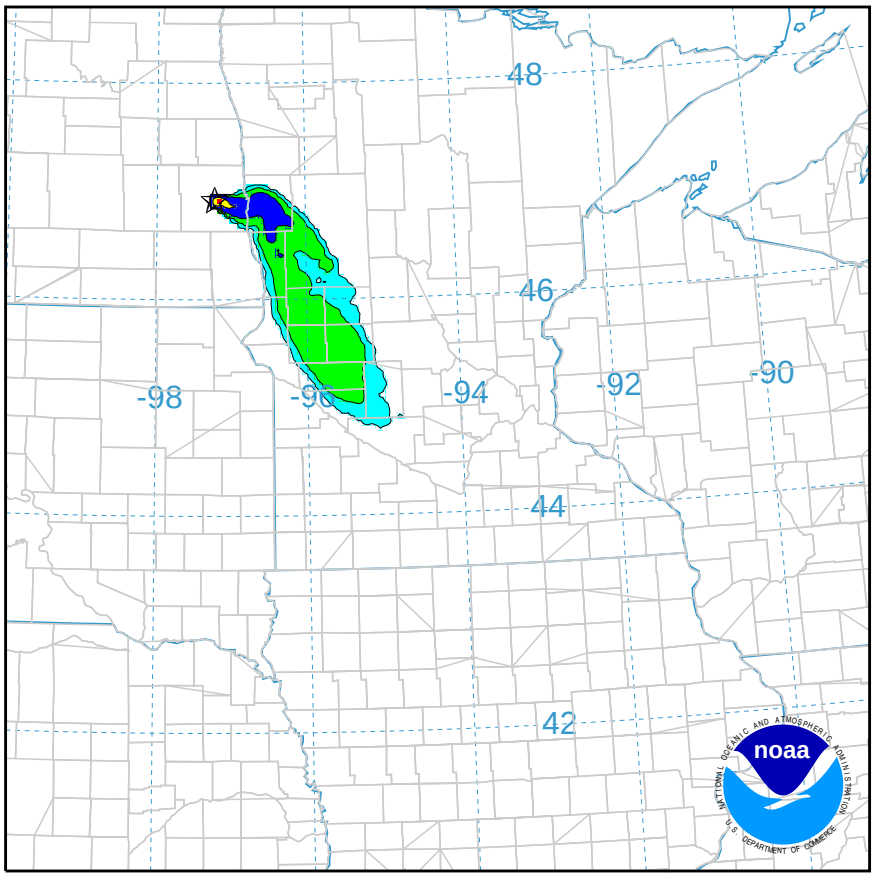
1800 30 Dec 13 NAMS FORECAST INITIALIZATION

Job ID: 25119 Job Start: Mon Dec 30 22:14:32 UTC 2013
Release: lat.: 46.906640 lon.: -97.220850 Hgt: 4 to 4 m
Pollutant:
Release Quantity: 1 mass Start: 13 12 30 22 00 Duration: 24 hrs, 0 min
Pollutant Averaging/Integration Period: 1 hrs and 0 min
Dry Deposition rate: 0 cm/s Wet Removal: None #Part: 28000
Meteorology: 1800Z 30 Dec 2013 - NAM NEtile
Produced by user: jeff.makowski

NOAA HYSPLIT MODEL

Concentration (mass/m3) averaged between 0 m and 100 m
Integrated from 0700 31 Dec to 0800 31 Dec 13 (UTC)
Mass Release started at 2200 30 Dec 13 (UTC)

Source ☆ 46.907 N 97.221 W from 4 m



>1.0E-12 mass/m3
>1.0E-13 mass/m3
>1.0E-14 mass/m3
>1.0E-15 mass/m3

Maximum: 4.3E-12 mass/m3
Minimum: 3.0E-19 mass/m3

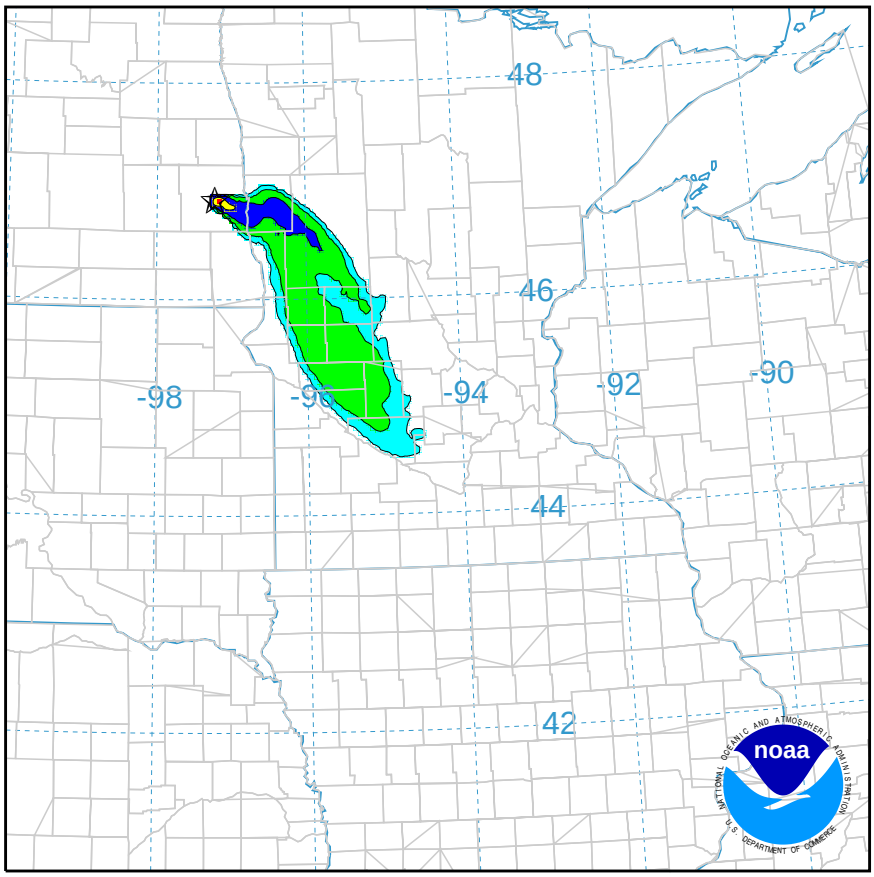
1800 30 Dec 13 NAMS FORECAST INITIALIZATION

Job ID: 25119 Job Start: Mon Dec 30 22:14:32 UTC 2013
Release: lat.: 46.906640 lon.: -97.220850 Hgt: 4 to 4 m
Pollutant:
Release Quantity: 1 mass Start: 13 12 30 22 00 Duration: 24 hrs, 0 min
Pollutant Averaging/Integration Period: 1 hrs and 0 min
Dry Deposition rate: 0 cm/s Wet Removal: None #Part: 28000
Meteorology: 1800Z 30 Dec 2013 - NAM NEtile
Produced by user: jeff.makowski

NOAA HYSPLIT MODEL

Concentration (mass/m3) averaged between 0 m and 100 m
Integrated from 0800 31 Dec to 0900 31 Dec 13 (UTC)
Mass Release started at 2200 30 Dec 13 (UTC)

Source ☆ 46.907 N 97.221 W from 4 m



>1.0E-12 mass/m3
>1.0E-13 mass/m3
>1.0E-14 mass/m3
>1.0E-15 mass/m3

Maximum: 4.9E-12 mass/m3
Minimum: 1.4E-19 mass/m3

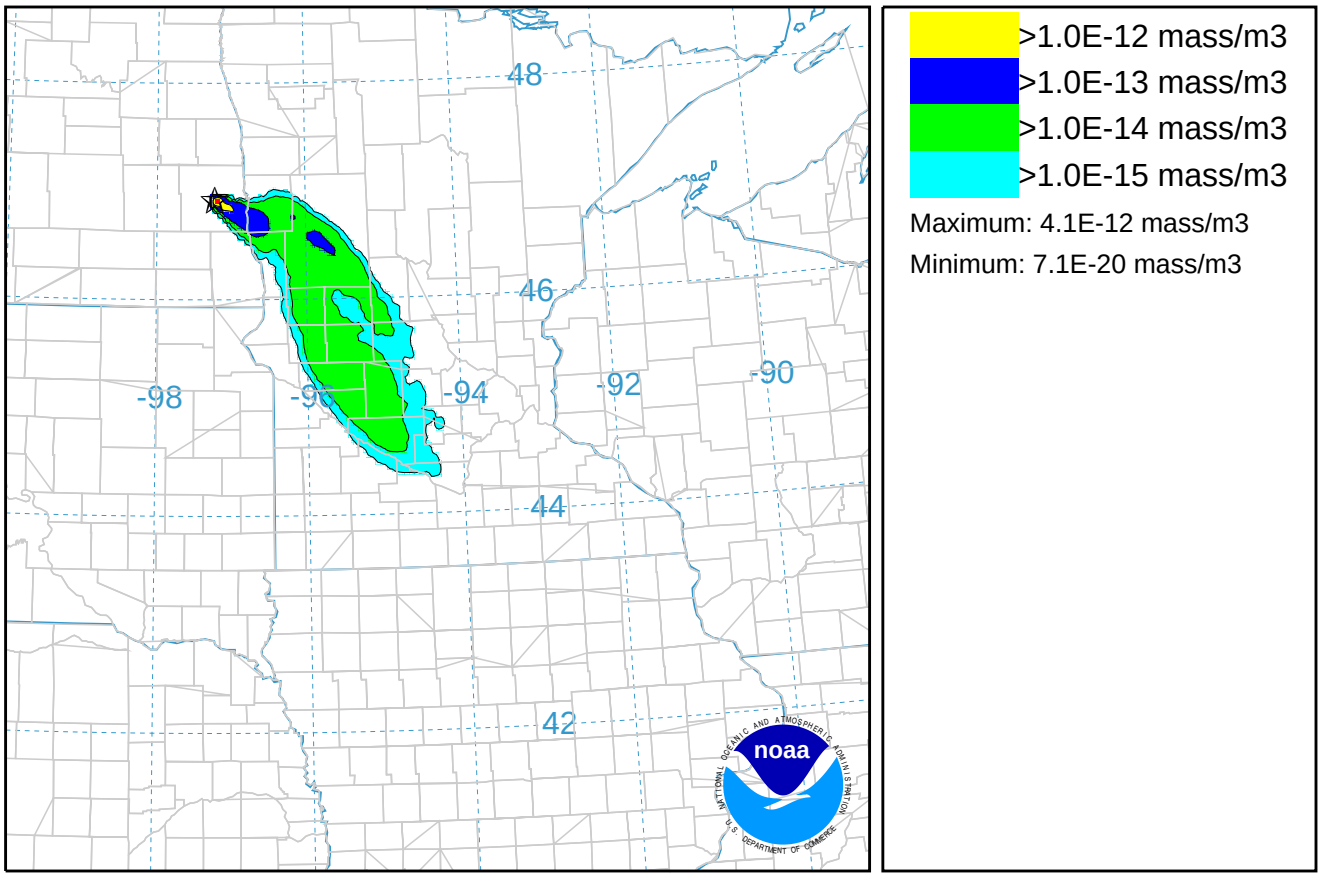
1800 30 Dec 13 NAMS FORECAST INITIALIZATION

Job ID: 25119 Job Start: Mon Dec 30 22:14:32 UTC 2013
Release: lat.: 46.906640 lon.: -97.220850 Hgt: 4 to 4 m
Pollutant:
Release Quantity: 1 mass Start: 13 12 30 22 00 Duration: 24 hrs, 0 min
Pollutant Averaging/Integration Period: 1 hrs and 0 min
Dry Deposition rate: 0 cm/s Wet Removal: None #Part: 28000
Meteorology: 1800Z 30 Dec 2013 - NAM NEtile
Produced by user: jeff.makowski

NOAA HYSPLIT MODEL

Concentration (mass/m3) averaged between 0 m and 100 m
Integrated from 0900 31 Dec to 1000 31 Dec 13 (UTC)
Mass Release started at 2200 30 Dec 13 (UTC)

Source ☆ 46.907 N 97.221 W from 4 m



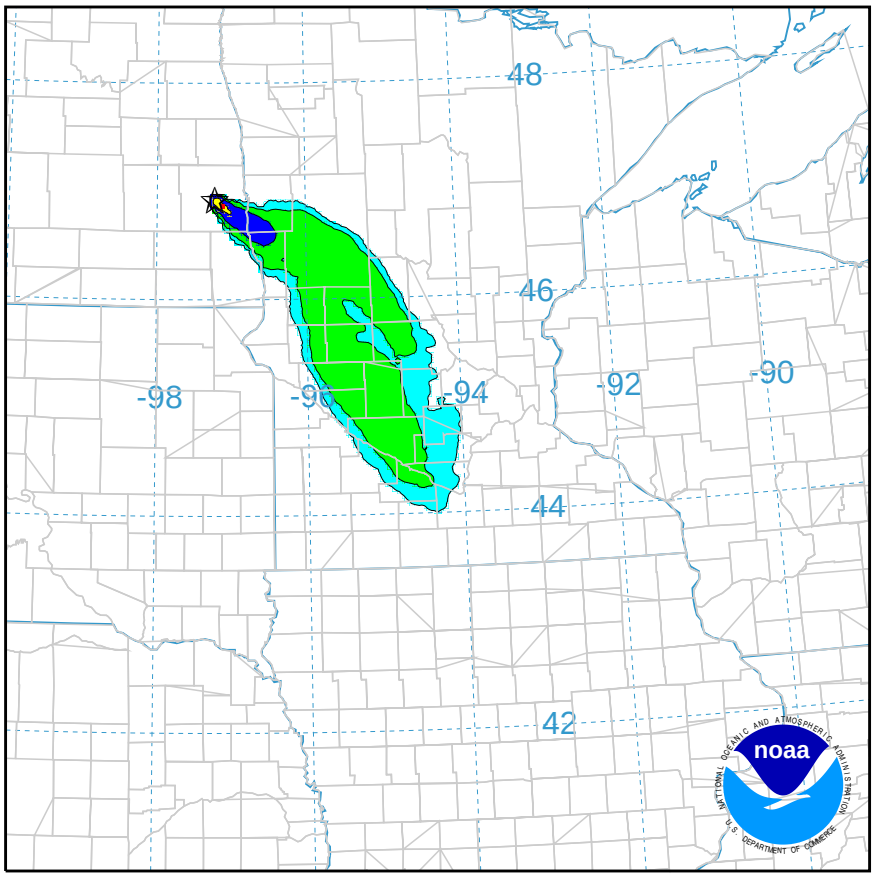
1800 30 Dec 13 NAMS FORECAST INITIALIZATION

Job ID: 25119 Job Start: Mon Dec 30 22:14:32 UTC 2013
Release: lat.: 46.906640 lon.: -97.220850 Hgt: 4 to 4 m
Pollutant:
Release Quantity: 1 mass Start: 13 12 30 22 00 Duration: 24 hrs, 0 min
Pollutant Averaging/Integration Period: 1 hrs and 0 min
Dry Deposition rate: 0 cm/s Wet Removal: None #Part: 28000
Meteorology: 1800Z 30 Dec 2013 - NAM NEtile
Produced by user: jeff.makowski

NOAA HYSPLIT MODEL

Concentration (mass/m3) averaged between 0 m and 100 m
Integrated from 1000 31 Dec to 1100 31 Dec 13 (UTC)
Mass Release started at 2200 30 Dec 13 (UTC)

Source ☆ 46.907 N 97.221 W from 4 m



>1.0E-12 mass/m3
>1.0E-13 mass/m3
>1.0E-14 mass/m3
>1.0E-15 mass/m3

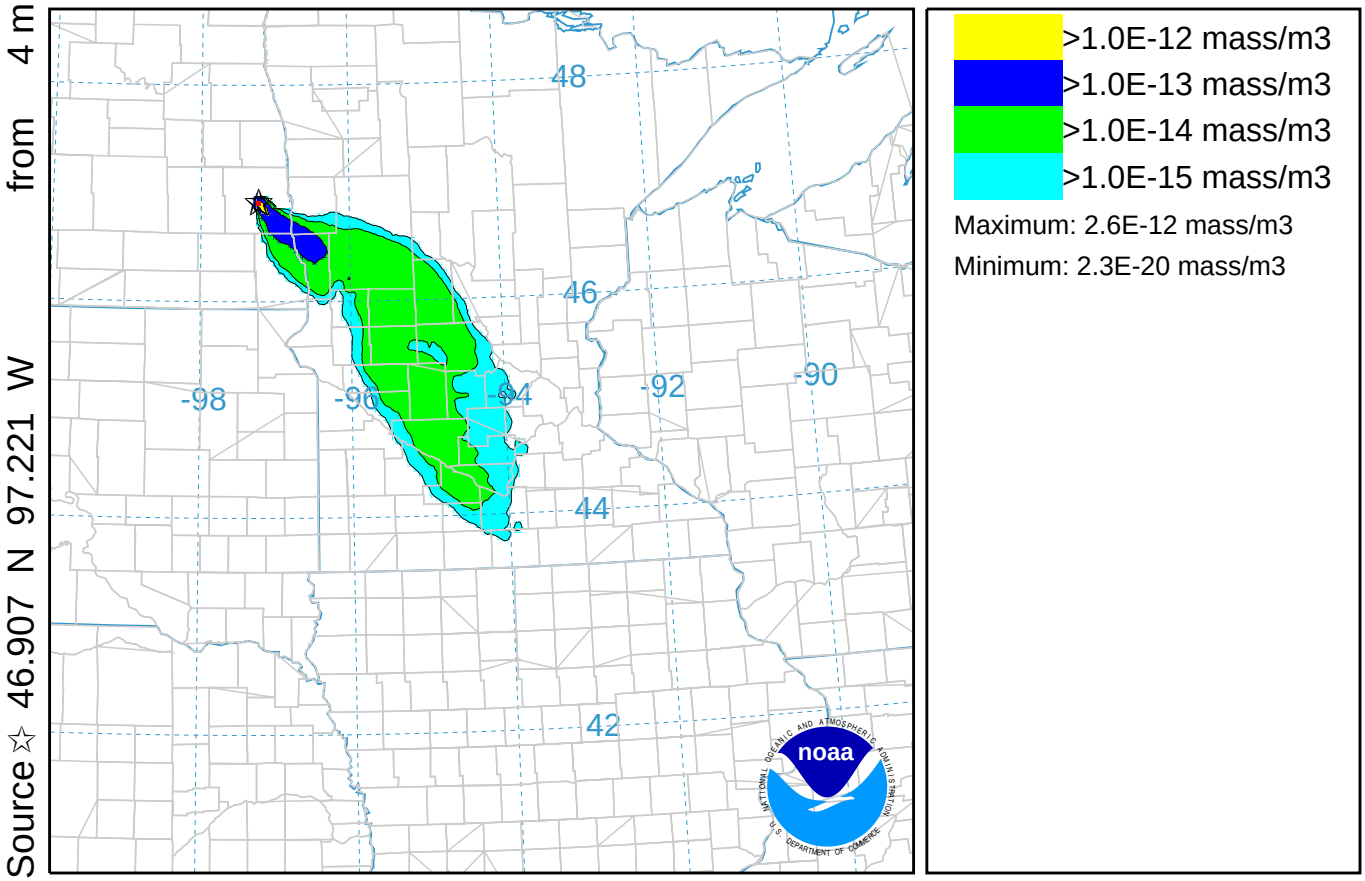
Maximum: 2.8E-12 mass/m3
Minimum: 8.1E-20 mass/m3

1800 30 Dec 13 NAMS FORECAST INITIALIZATION

Job ID: 25119 Job Start: Mon Dec 30 22:14:32 UTC 2013
Release: lat.: 46.906640 lon.: -97.220850 Hgt: 4 to 4 m
Pollutant:
Release Quantity: 1 mass Start: 13 12 30 22 00 Duration: 24 hrs, 0 min
Pollutant Averaging/Integration Period: 1 hrs and 0 min
Dry Deposition rate: 0 cm/s Wet Removal: None #Part: 28000
Meteorology: 1800Z 30 Dec 2013 - NAM NEtile
Produced by user: jeff.makowski

NOAA HYSPLIT MODEL

Concentration (mass/m3) averaged between 0 m and 100 m
Integrated from 1100 31 Dec to 1200 31 Dec 13 (UTC)
Mass Release started at 2200 30 Dec 13 (UTC)

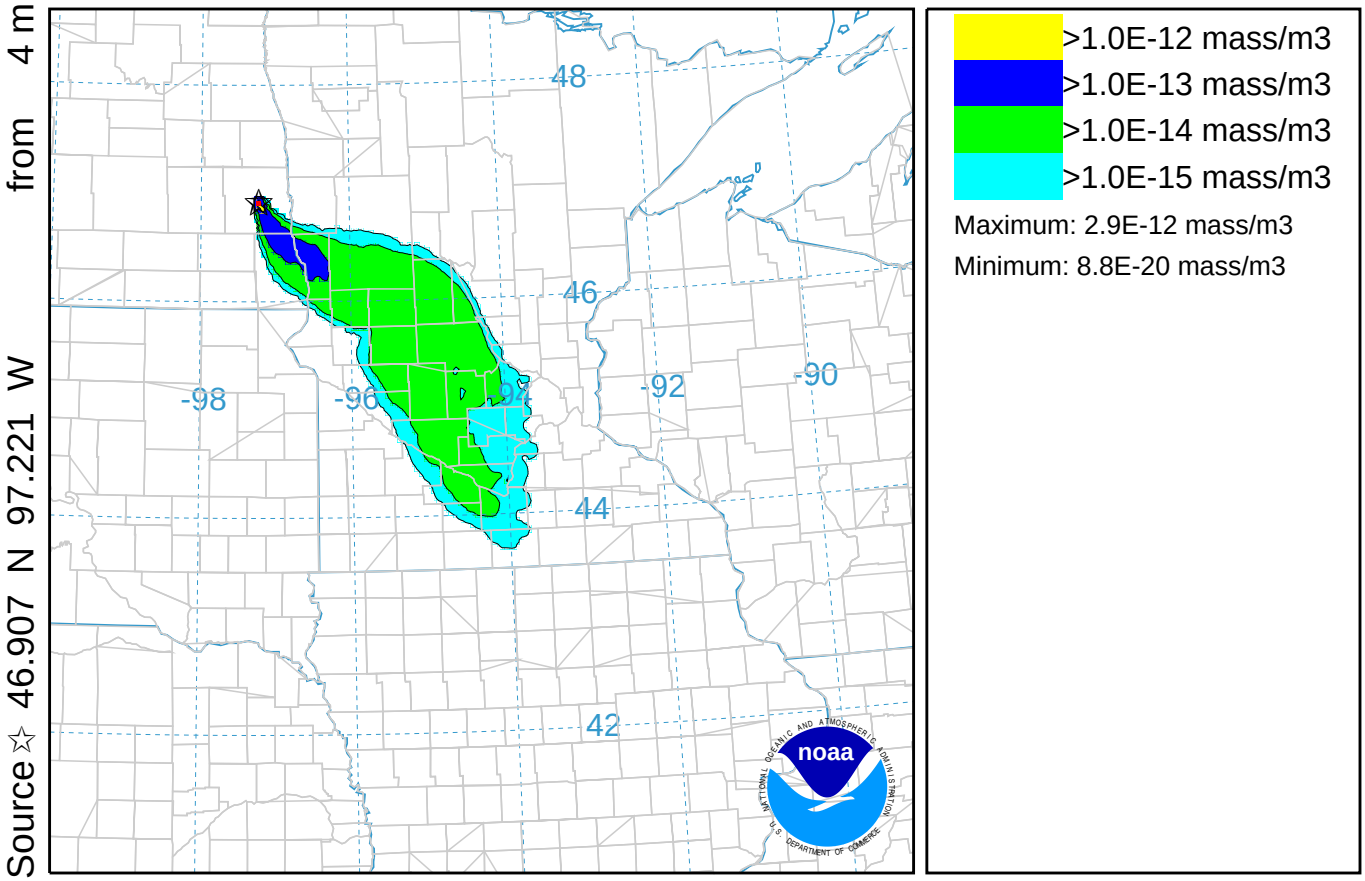


1800 30 Dec 13 NAMS FORECAST INITIALIZATION

Job ID: 25119 Job Start: Mon Dec 30 22:14:32 UTC 2013
Release: lat.: 46.906640 lon.: -97.220850 Hgt: 4 to 4 m
Pollutant:
Release Quantity: 1 mass Start: 13 12 30 22 00 Duration: 24 hrs, 0 min
Pollutant Averaging/Integration Period: 1 hrs and 0 min
Dry Deposition rate: 0 cm/s Wet Removal: None #Part: 28000
Meteorology: 1800Z 30 Dec 2013 - NAM NEtile
Produced by user: jeff.makowski

NOAA HYSPLIT MODEL

Concentration (mass/m3) averaged between 0 m and 100 m
Integrated from 1200 31 Dec to 1300 31 Dec 13 (UTC)
Mass Release started at 2200 30 Dec 13 (UTC)

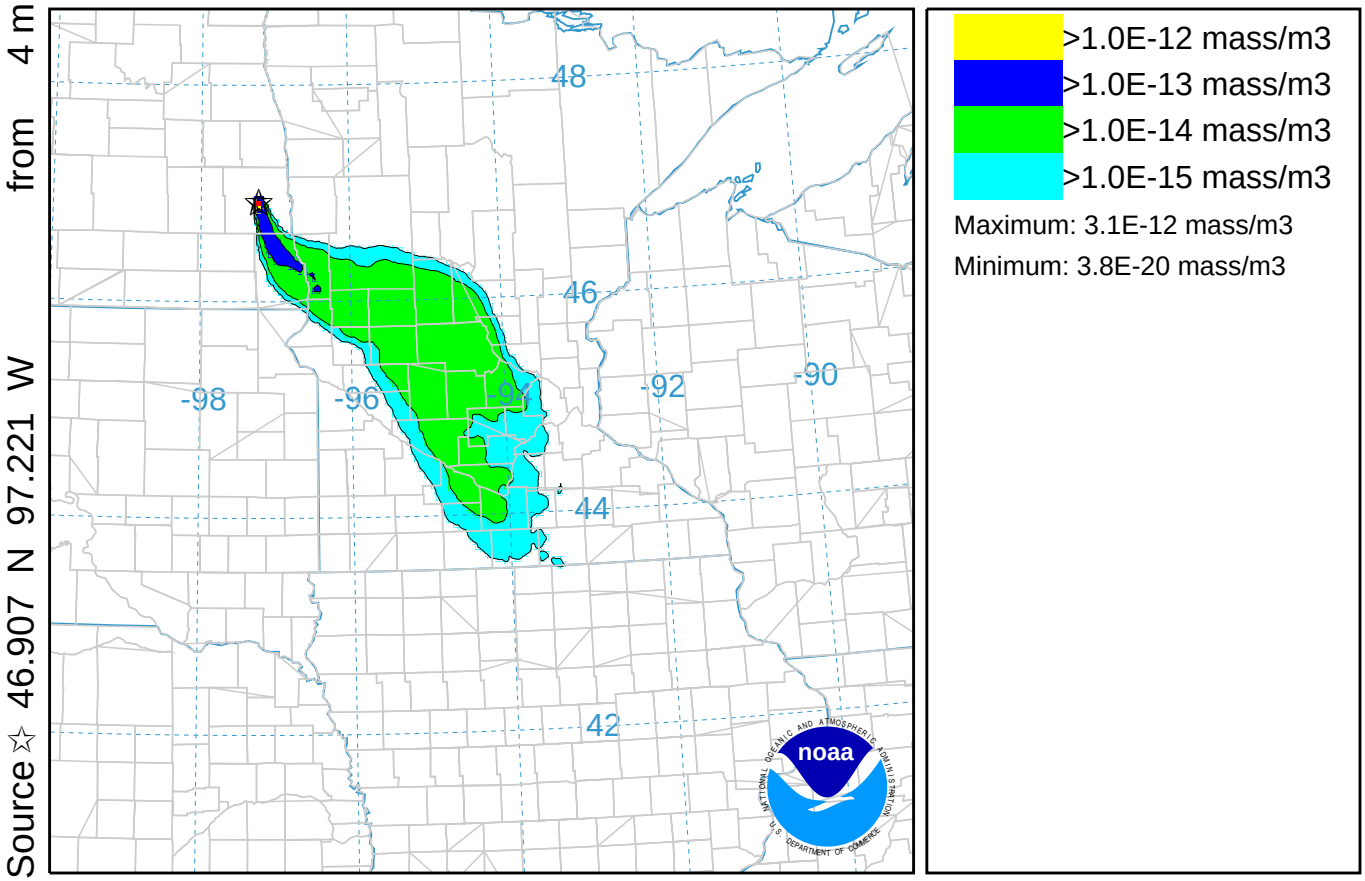


1800 30 Dec 13 NAMS FORECAST INITIALIZATION

Job ID: 25119 Job Start: Mon Dec 30 22:14:32 UTC 2013
Release: lat.: 46.906640 lon.: -97.220850 Hgt: 4 to 4 m
Pollutant:
Release Quantity: 1 mass Start: 13 12 30 22 00 Duration: 24 hrs, 0 min
Pollutant Averaging/Integration Period: 1 hrs and 0 min
Dry Deposition rate: 0 cm/s Wet Removal: None #Part: 28000
Meteorology: 1800Z 30 Dec 2013 - NAM NEtile
Produced by user: jeff.makowski

NOAA HYSPLIT MODEL

Concentration (mass/m3) averaged between 0 m and 100 m
Integrated from 1300 31 Dec to 1400 31 Dec 13 (UTC)
Mass Release started at 2200 30 Dec 13 (UTC)

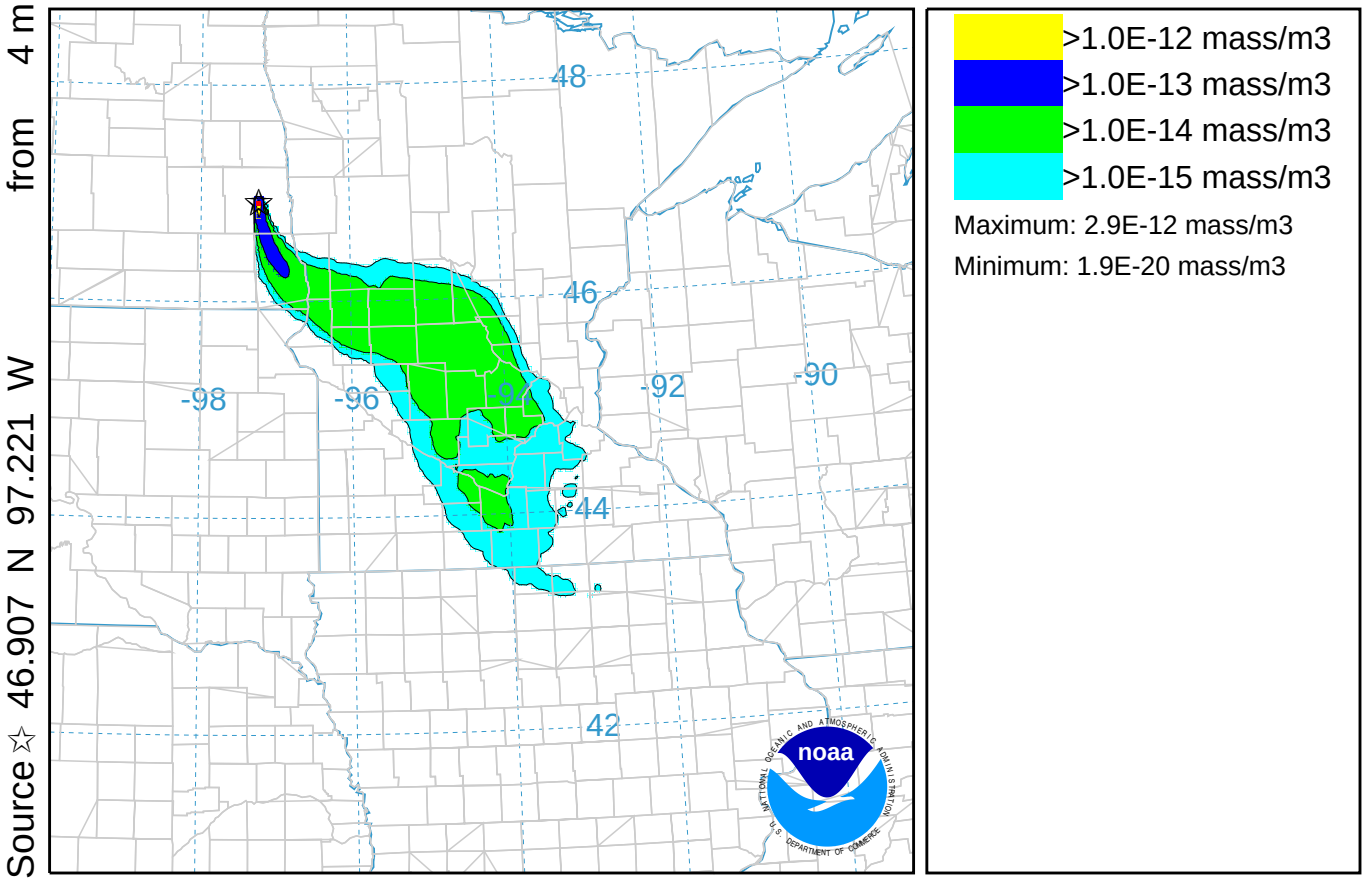


1800 30 Dec 13 NAMS FORECAST INITIALIZATION

Job ID: 25119 Job Start: Mon Dec 30 22:14:32 UTC 2013
Release: lat.: 46.906640 lon.: -97.220850 Hgt: 4 to 4 m
Pollutant:
Release Quantity: 1 mass Start: 13 12 30 22 00 Duration: 24 hrs, 0 min
Pollutant Averaging/Integration Period: 1 hrs and 0 min
Dry Deposition rate: 0 cm/s Wet Removal: None #Part: 28000
Meteorology: 1800Z 30 Dec 2013 - NAM NEtile
Produced by user: jeff.makowski

NOAA HYSPLIT MODEL

Concentration (mass/m3) averaged between 0 m and 100 m
Integrated from 1400 31 Dec to 1500 31 Dec 13 (UTC)
Mass Release started at 2200 30 Dec 13 (UTC)

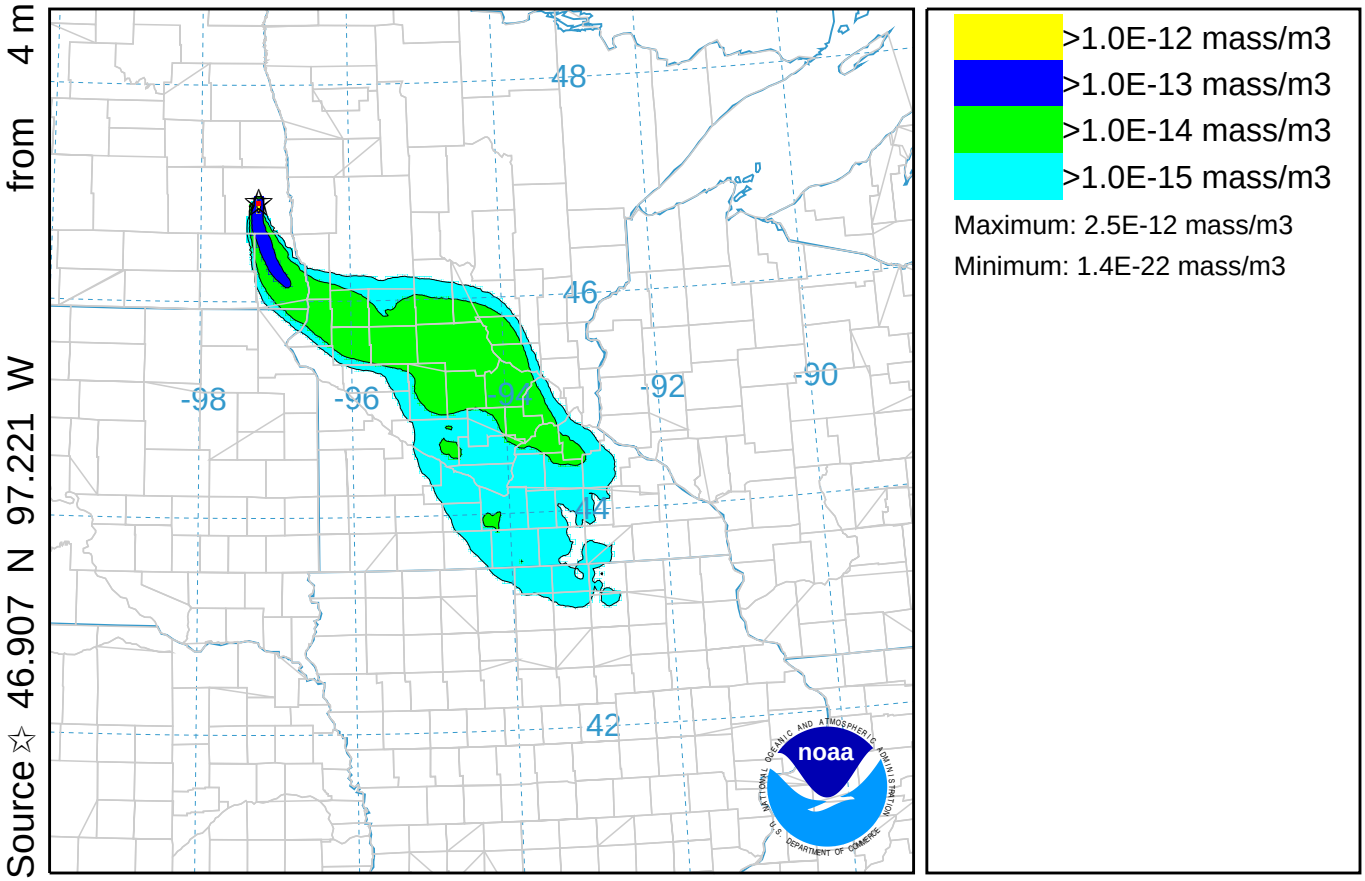


1800 30 Dec 13 NAMS FORECAST INITIALIZATION

Job ID: 25119 Job Start: Mon Dec 30 22:14:32 UTC 2013
Release: lat.: 46.906640 lon.: -97.220850 Hgt: 4 to 4 m
Pollutant:
Release Quantity: 1 mass Start: 13 12 30 22 00 Duration: 24 hrs, 0 min
Pollutant Averaging/Integration Period: 1 hrs and 0 min
Dry Deposition rate: 0 cm/s Wet Removal: None #Part: 28000
Meteorology: 1800Z 30 Dec 2013 - NAM NEtile
Produced by user: jeff.makowski

NOAA HYSPLIT MODEL

Concentration (mass/m3) averaged between 0 m and 100 m
Integrated from 1500 31 Dec to 1600 31 Dec 13 (UTC)
Mass Release started at 2200 30 Dec 13 (UTC)



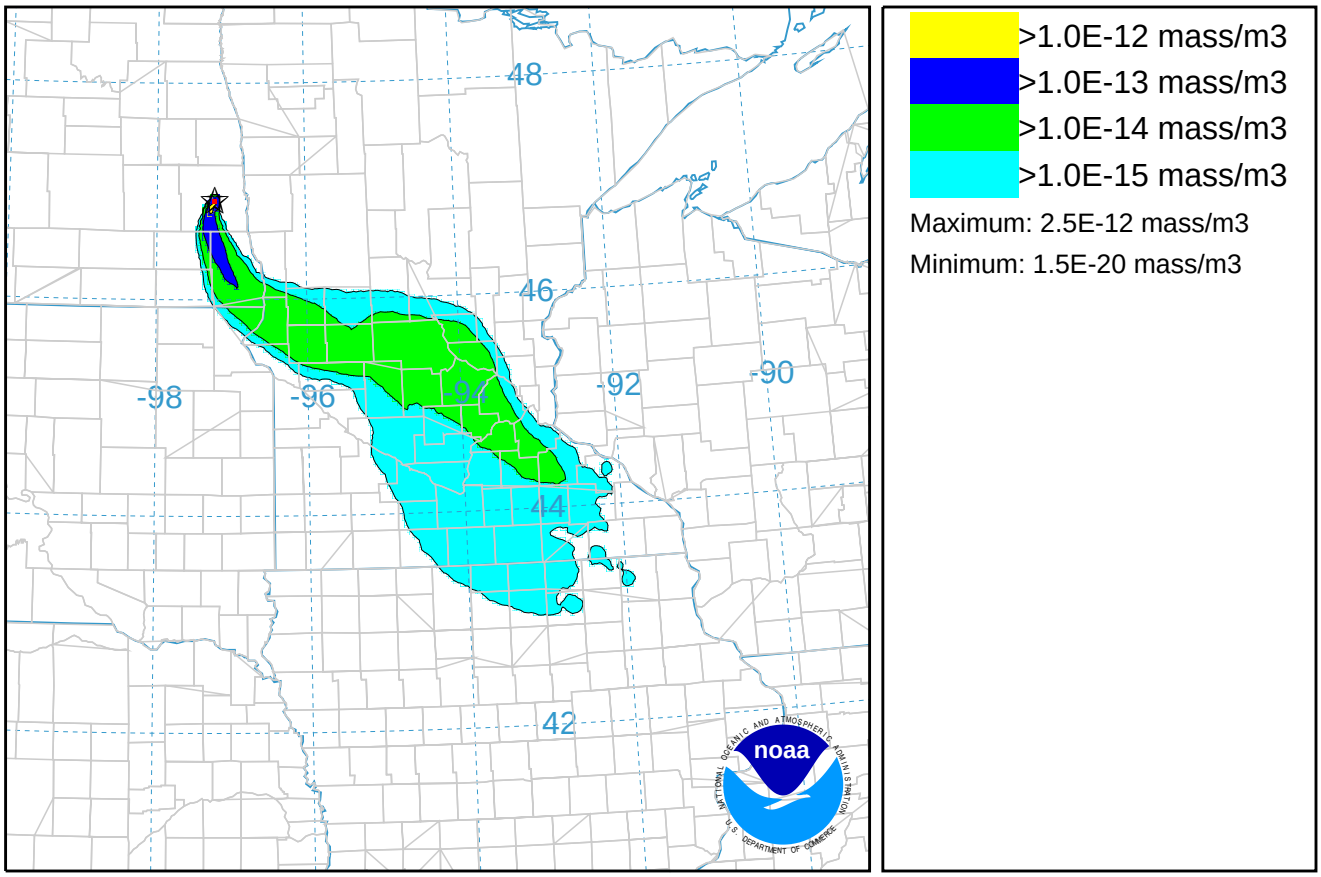
1800 30 Dec 13 NAMS FORECAST INITIALIZATION

Job ID: 25119 Job Start: Mon Dec 30 22:14:32 UTC 2013
Release: lat.: 46.906640 lon.: -97.220850 Hgt: 4 to 4 m
Pollutant:
Release Quantity: 1 mass Start: 13 12 30 22 00 Duration: 24 hrs, 0 min
Pollutant Averaging/Integration Period: 1 hrs and 0 min
Dry Deposition rate: 0 cm/s Wet Removal: None #Part: 28000
Meteorology: 1800Z 30 Dec 2013 - NAM NEtile
Produced by user: jeff.makowski

NOAA HYSPLIT MODEL

Concentration (mass/m3) averaged between 0 m and 100 m
Integrated from 1600 31 Dec to 1700 31 Dec 13 (UTC)
Mass Release started at 2200 30 Dec 13 (UTC)

Source ☆ 46.907 N 97.221 W from 4 m



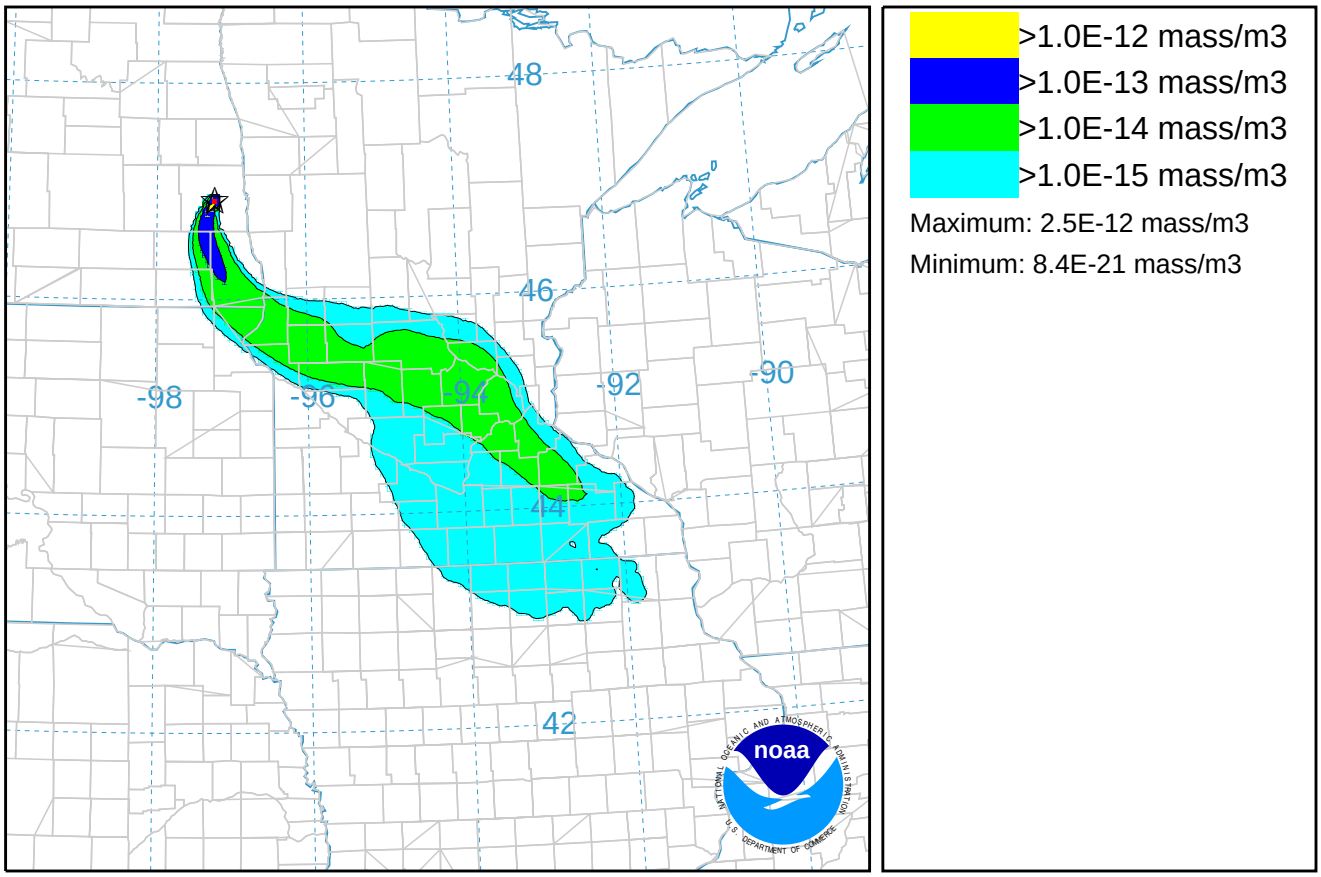
1800 30 Dec 13 NAMS FORECAST INITIALIZATION

Job ID: 25119 Job Start: Mon Dec 30 22:14:32 UTC 2013
Release: lat.: 46.906640 lon.: -97.220850 Hgt: 4 to 4 m
Pollutant:
Release Quantity: 1 mass Start: 13 12 30 22 00 Duration: 24 hrs, 0 min
Pollutant Averaging/Integration Period: 1 hrs and 0 min
Dry Deposition rate: 0 cm/s Wet Removal: None #Part: 28000
Meteorology: 1800Z 30 Dec 2013 - NAM NEtile
Produced by user: jeff.makowski

NOAA HYSPLIT MODEL

Concentration (mass/m3) averaged between 0 m and 100 m
Integrated from 1700 31 Dec to 1800 31 Dec 13 (UTC)
Mass Release started at 2200 30 Dec 13 (UTC)

Source ☆ 46.907 N 97.221 W from 4 m



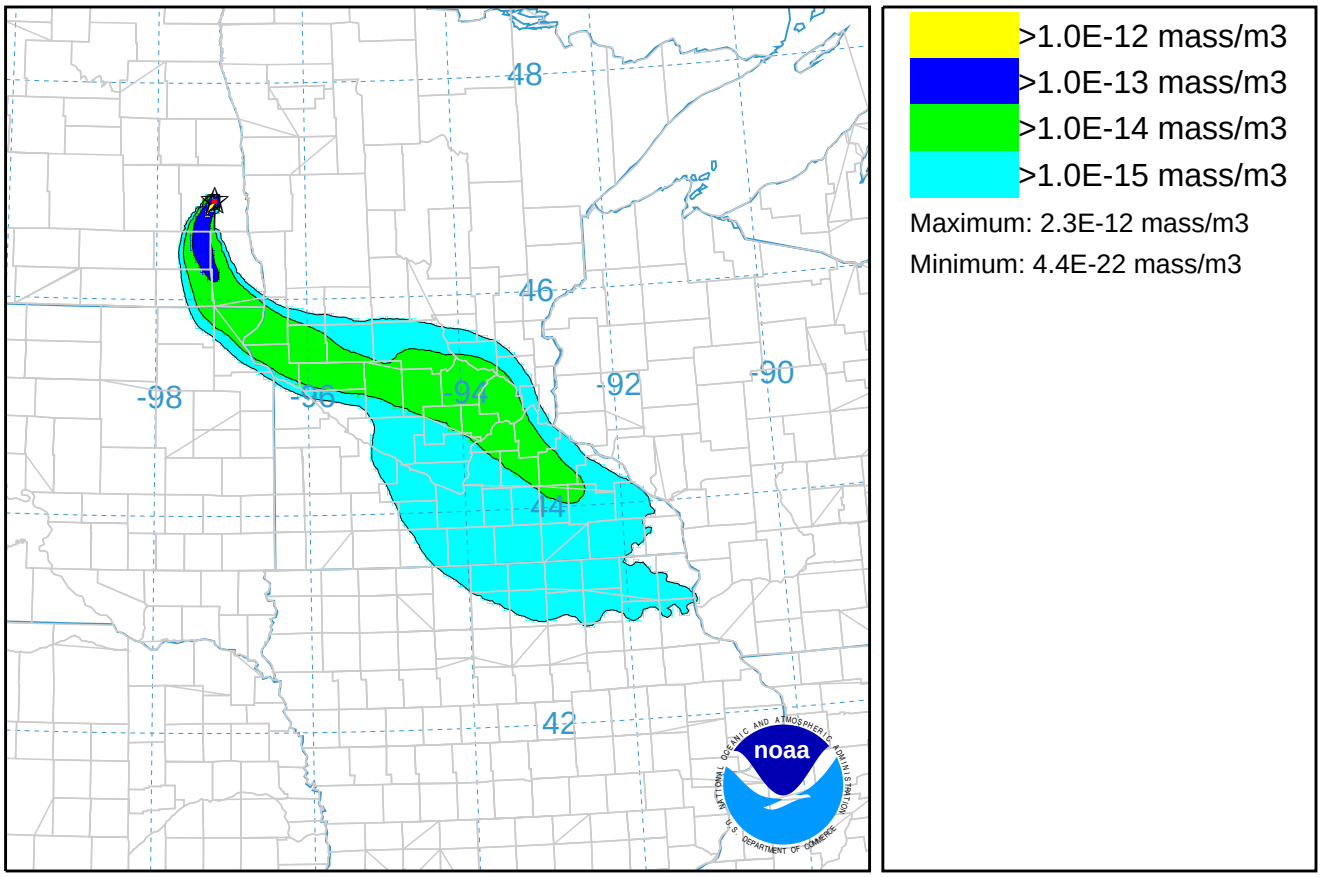
1800 30 Dec 13 NAMS FORECAST INITIALIZATION

Job ID: 25119 Job Start: Mon Dec 30 22:14:32 UTC 2013
Release: lat.: 46.906640 lon.: -97.220850 Hgt: 4 to 4 m
Pollutant:
Release Quantity: 1 mass Start: 13 12 30 22 00 Duration: 24 hrs, 0 min
Pollutant Averaging/Integration Period: 1 hrs and 0 min
Dry Deposition rate: 0 cm/s Wet Removal: None #Part: 28000
Meteorology: 1800Z 30 Dec 2013 - NAM NEtile
Produced by user: jeff.makowski

NOAA HYSPLIT MODEL

Concentration (mass/m3) averaged between 0 m and 100 m
Integrated from 1800 31 Dec to 1900 31 Dec 13 (UTC)
Mass Release started at 2200 30 Dec 13 (UTC)

Source ☆ 46.907 N 97.221 W from 4 m

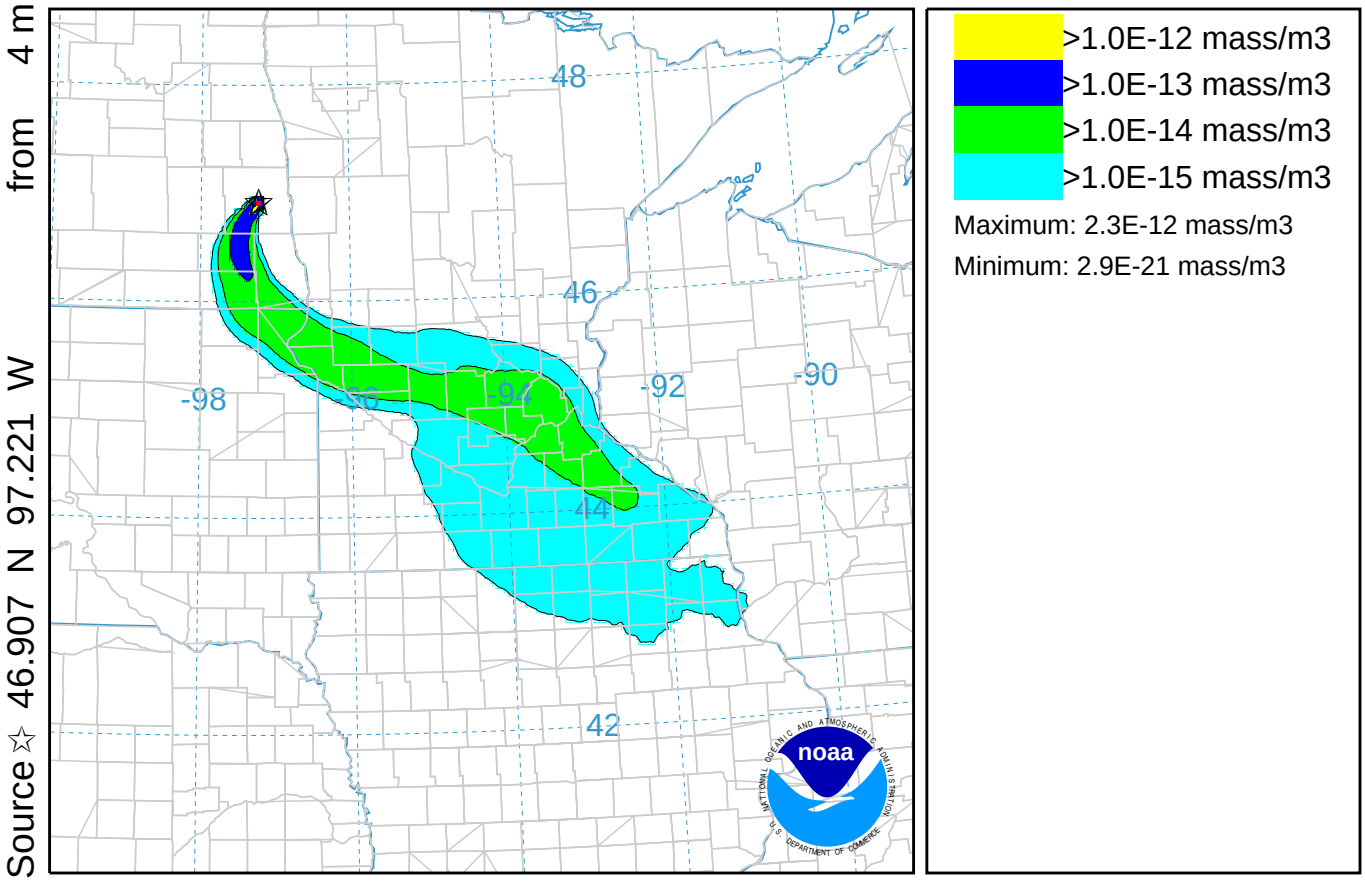


1800 30 Dec 13 NAMS FORECAST INITIALIZATION

Job ID: 25119 Job Start: Mon Dec 30 22:14:32 UTC 2013
Release: lat.: 46.906640 lon.: -97.220850 Hgt: 4 to 4 m
Pollutant:
Release Quantity: 1 mass Start: 13 12 30 22 00 Duration: 24 hrs, 0 min
Pollutant Averaging/Integration Period: 1 hrs and 0 min
Dry Deposition rate: 0 cm/s Wet Removal: None #Part: 28000
Meteorology: 1800Z 30 Dec 2013 - NAM NEtile
Produced by user: jeff.makowski

NOAA HYSPLIT MODEL

Concentration (mass/m3) averaged between 0 m and 100 m
Integrated from 1900 31 Dec to 2000 31 Dec 13 (UTC)
Mass Release started at 2200 30 Dec 13 (UTC)



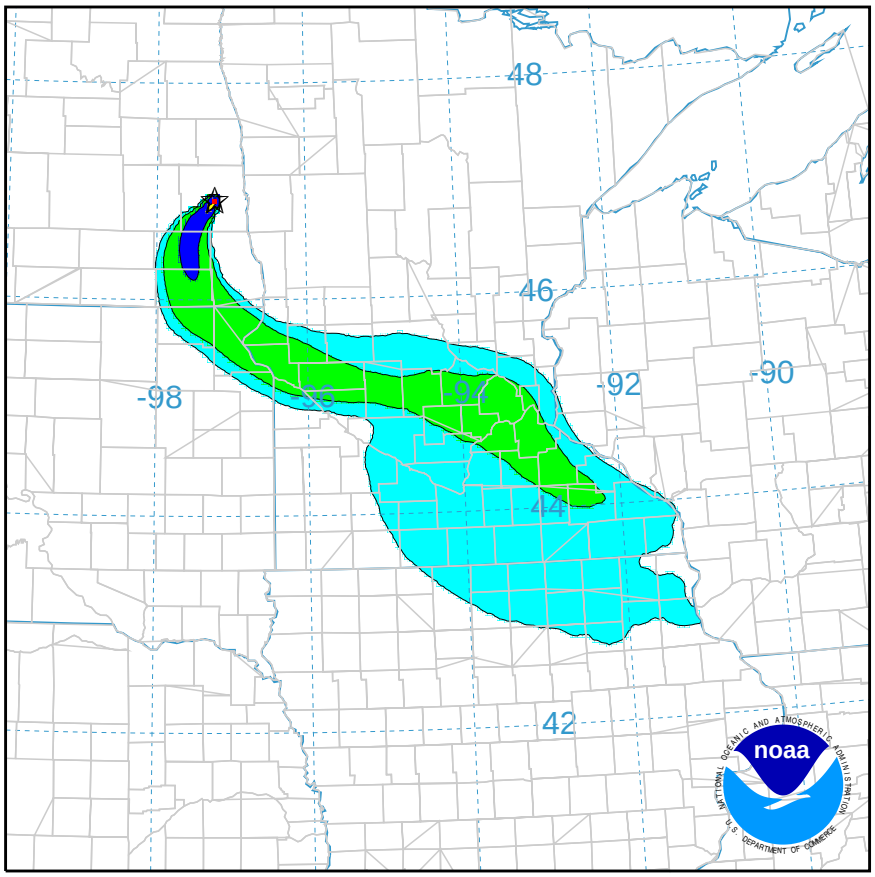
1800 30 Dec 13 NAMS FORECAST INITIALIZATION

Job ID: 25119 Job Start: Mon Dec 30 22:14:32 UTC 2013
Release: lat.: 46.906640 lon.: -97.220850 Hgt: 4 to 4 m
Pollutant:
Release Quantity: 1 mass Start: 13 12 30 22 00 Duration: 24 hrs, 0 min
Pollutant Averaging/Integration Period: 1 hrs and 0 min
Dry Deposition rate: 0 cm/s Wet Removal: None #Part: 28000
Meteorology: 1800Z 30 Dec 2013 - NAM NEtile
Produced by user: jeff.makowski

NOAA HYSPLIT MODEL

Concentration (mass/m3) averaged between 0 m and 100 m
Integrated from 2000 31 Dec to 2100 31 Dec 13 (UTC)
Mass Release started at 2200 30 Dec 13 (UTC)

Source ☆ 46.907 N 97.221 W from 4 m



>1.0E-12 mass/m3
>1.0E-13 mass/m3
>1.0E-14 mass/m3
>1.0E-15 mass/m3

Maximum: 2.4E-12 mass/m3
Minimum: 3.9E-21 mass/m3

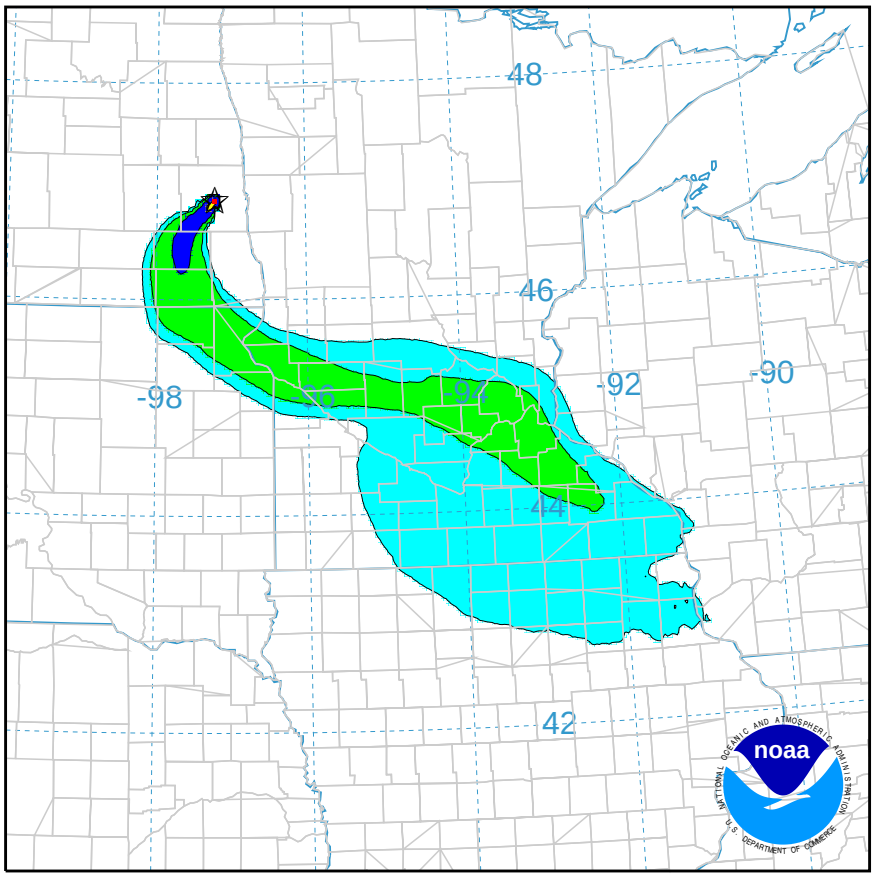
1800 30 Dec 13 NAMS FORECAST INITIALIZATION

Job ID: 25119 Job Start: Mon Dec 30 22:14:32 UTC 2013
Release: lat.: 46.906640 lon.: -97.220850 Hgt: 4 to 4 m
Pollutant:
Release Quantity: 1 mass Start: 13 12 30 22 00 Duration: 24 hrs, 0 min
Pollutant Averaging/Integration Period: 1 hrs and 0 min
Dry Deposition rate: 0 cm/s Wet Removal: None #Part: 28000
Meteorology: 1800Z 30 Dec 2013 - NAM NEtile
Produced by user: jeff.makowski

NOAA HYSPLIT MODEL

Concentration (mass/m3) averaged between 0 m and 100 m
Integrated from 2100 31 Dec to 2200 31 Dec 13 (UTC)
Mass Release started at 2200 30 Dec 13 (UTC)

Source ☆ 46.907 N 97.221 W from 4 m



>1.0E-12 mass/m3
>1.0E-13 mass/m3
>1.0E-14 mass/m3
>1.0E-15 mass/m3

Maximum: 2.4E-12 mass/m3
Minimum: 1.4E-21 mass/m3

1800 30 Dec 13 NAMS FORECAST INITIALIZATION

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Meteorology: 1800Z 30 Dec 2013 - NAM NEtile
Produced by user: jeff.makowski