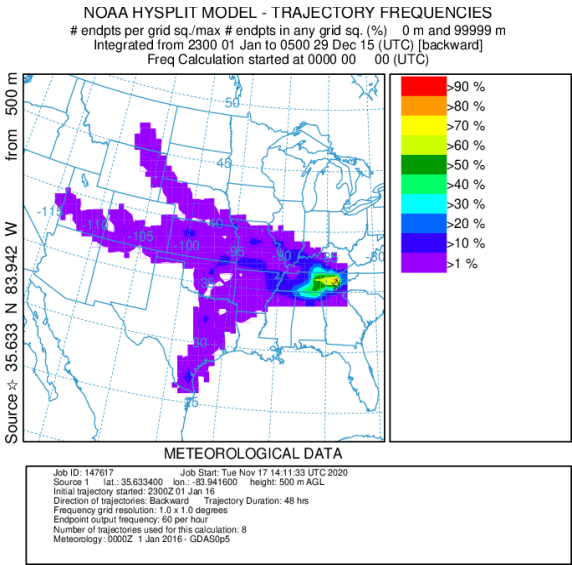
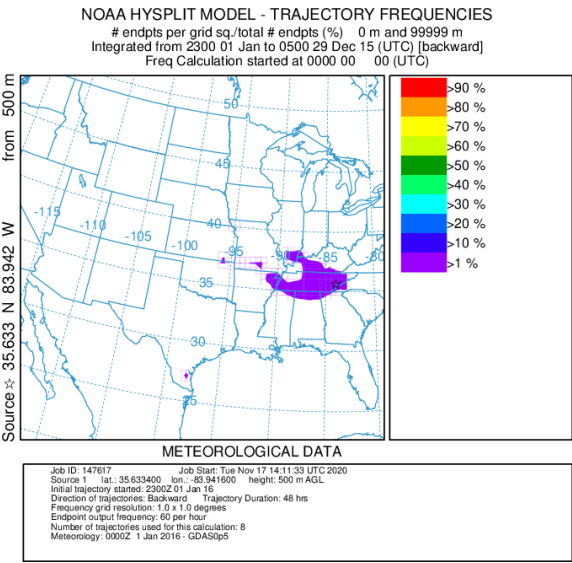
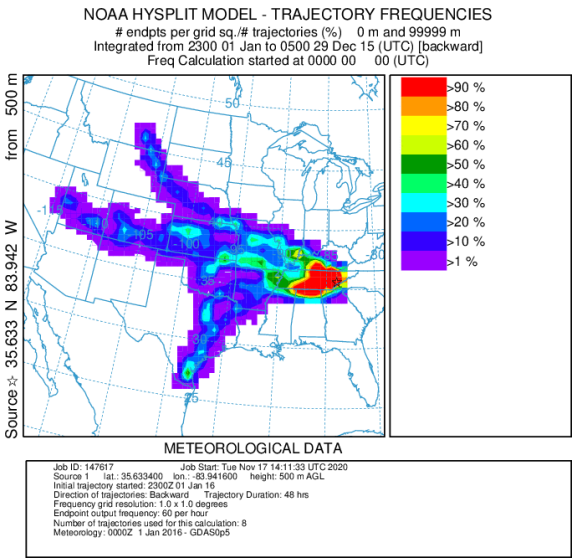
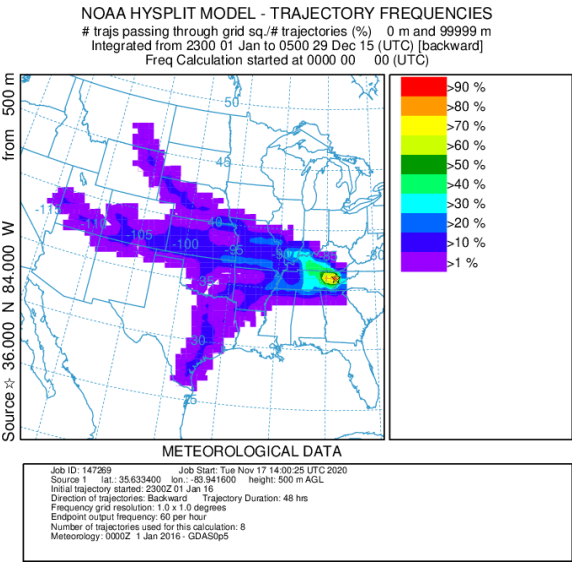
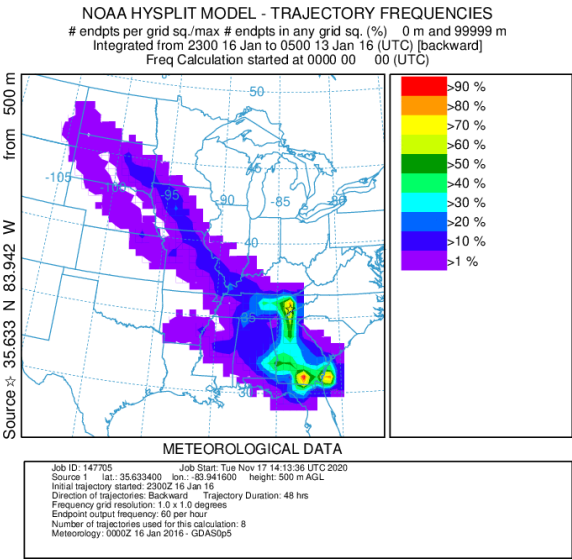
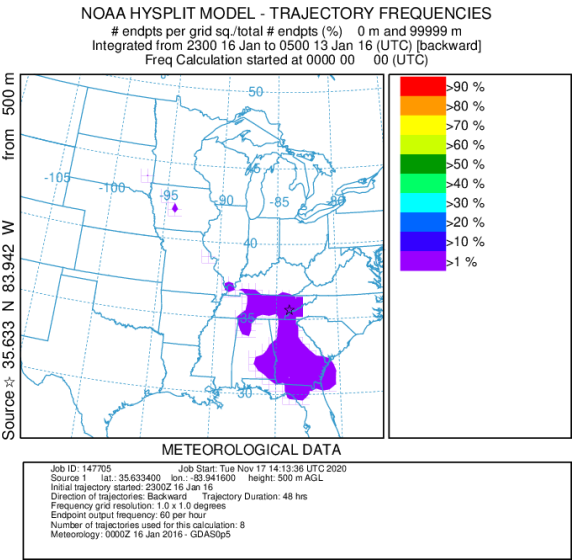
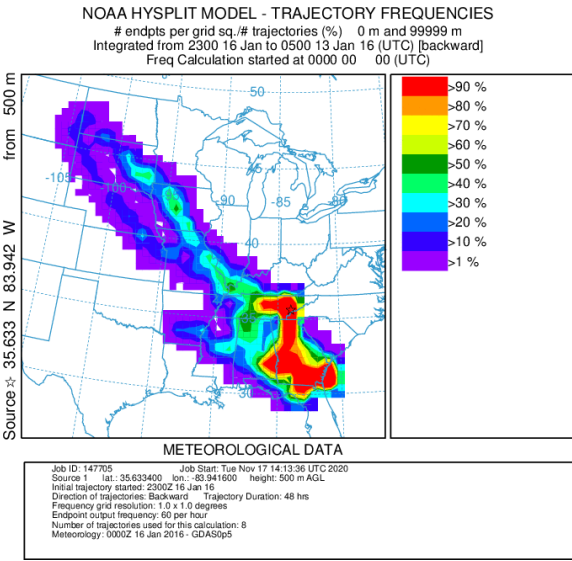
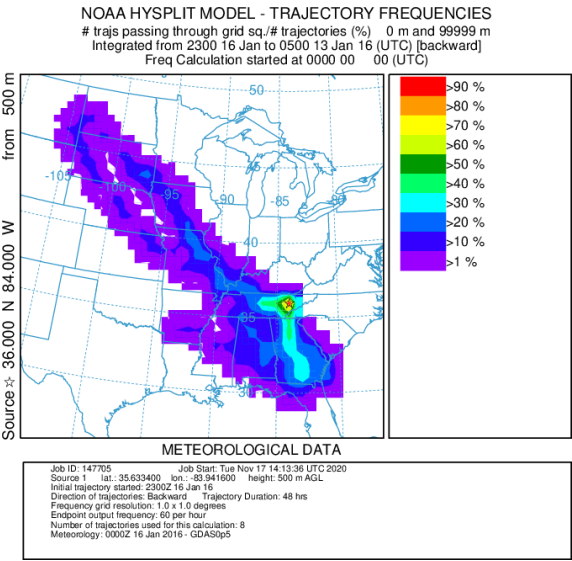


Great Smoky Mountains

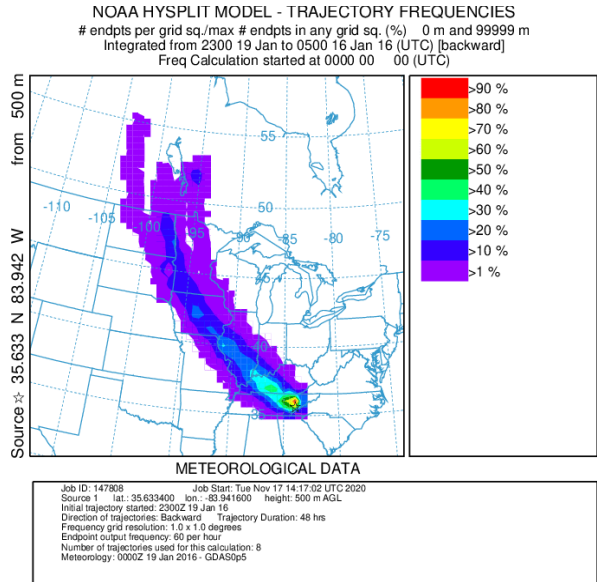
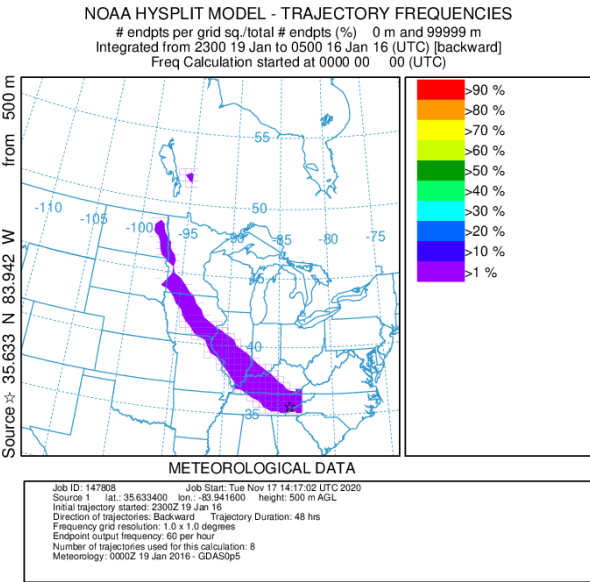
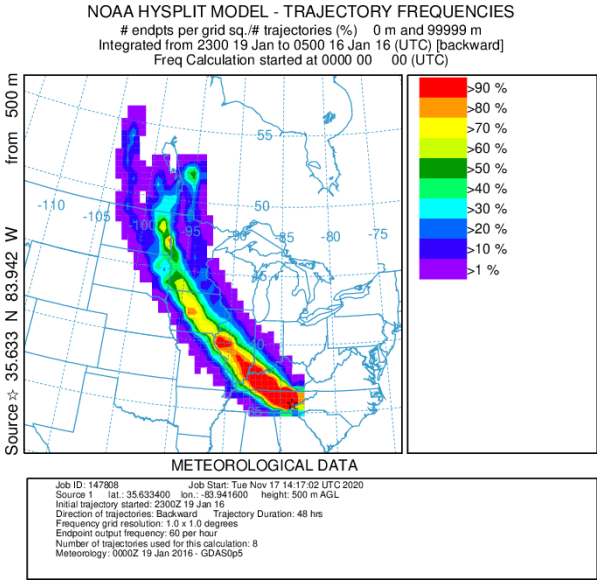
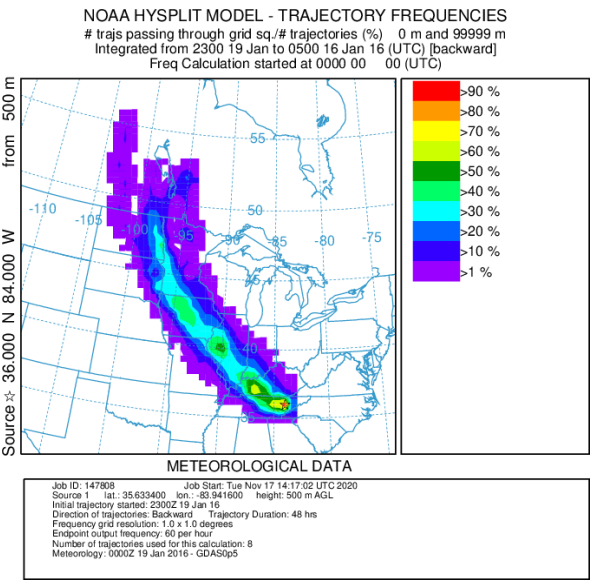
January 1<sup>st</sup>, 2016



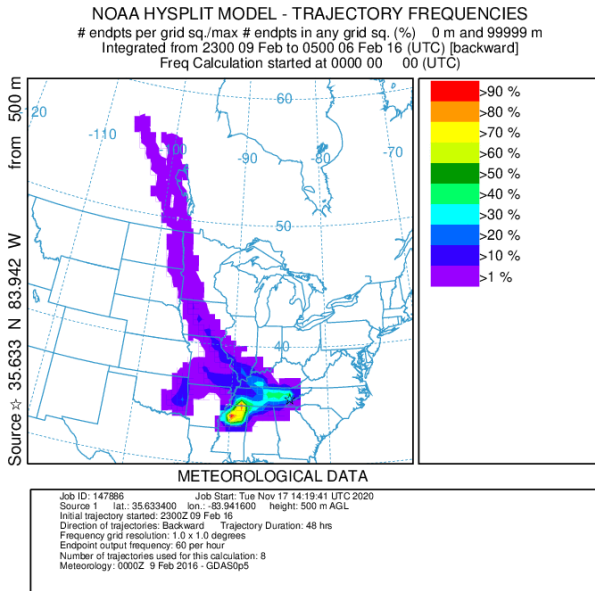
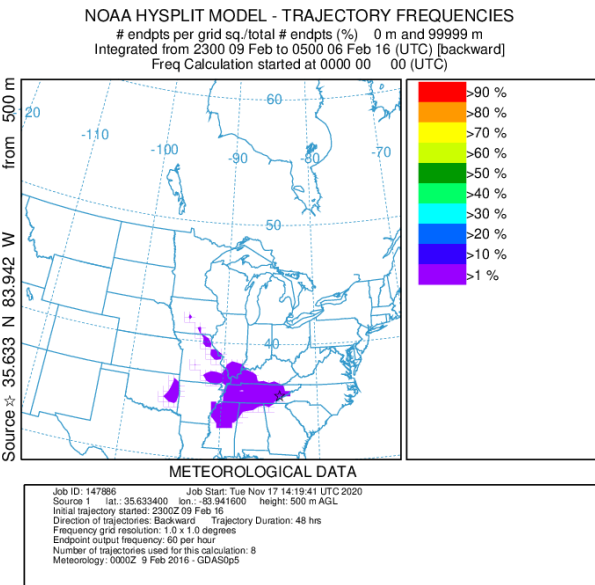
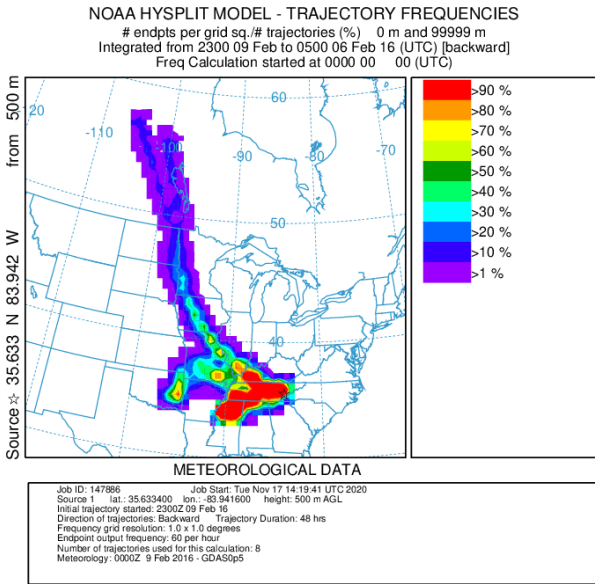
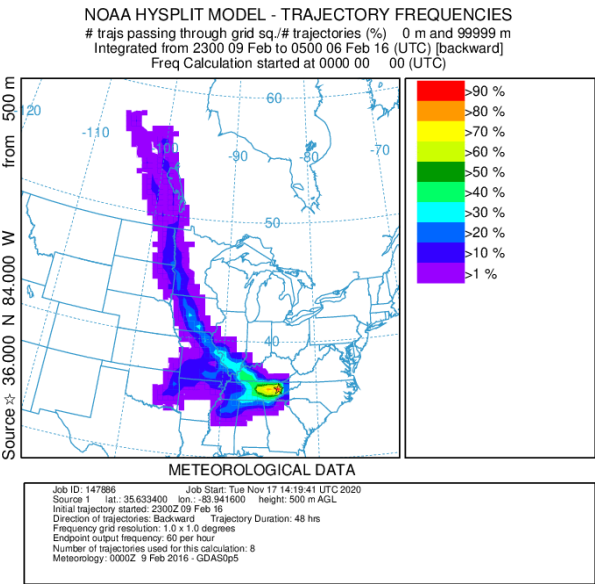
January 16<sup>th</sup>, 2016



January 19<sup>th</sup>, 2016



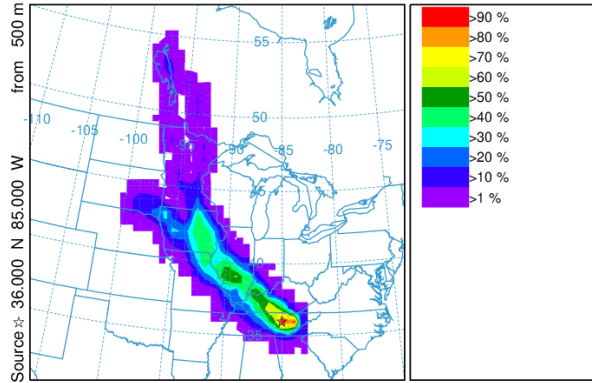
February 9<sup>th</sup>, 2016



February 12<sup>th</sup>, 2016

NOAA HYSPLIT MODEL - TRAJECTORY FREQUENCIES

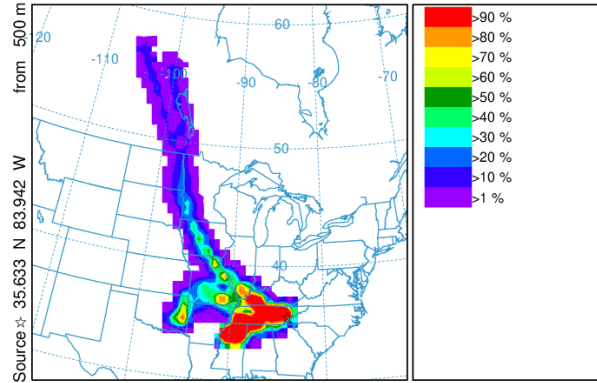
# trajs passing through grid sq./# trajectories (%) 0 m and 99999 m  
Integrated from 2300 12 Feb to 0500 09 Feb 16 (UTC) [backward]  
Freq Calculation started at 0000 00 00 (UTC)



Job ID: 148007 Job Start: Tue Nov 17 14:23:57 UTC 2020  
Source 1 lat: 35.633400 lon: -83.941600 height: 500 m AGL  
Initial trajectory started: 2300Z 12 Feb 16  
Direction of trajectories: Backward Trajectory Duration: 48 hrs  
Frequency grid resolution: 1.0 x 1.0 degrees  
Endpoint output frequency: 60 per hour  
Number of trajectories used for this calculation: 8  
Meteorology: 0000Z 12 Feb 2016 - GDASlp5

NOAA HYSPLIT MODEL - TRAJECTORY FREQUENCIES

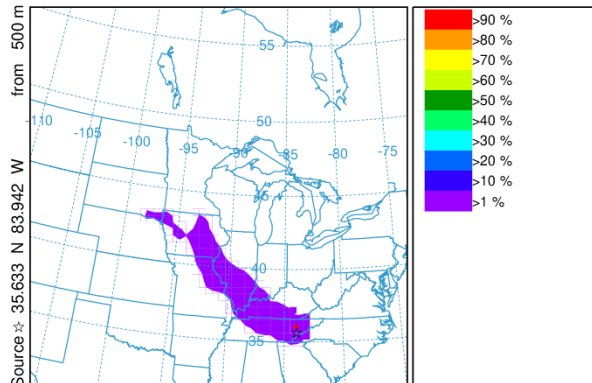
# endpts per grid sq./# trajectories (%) 0 m and 99999 m  
Integrated from 2300 09 Feb to 0500 06 Feb 16 (UTC) [backward]  
Freq Calculation started at 0000 00 00 (UTC)



Job ID: 147886 Job Start: Tue Nov 17 14:19:41 UTC 2020  
Source 1 lat: 35.633400 lon: -83.941600 height: 500 m AGL  
Initial trajectory started: 2300Z 09 Feb 16  
Direction of trajectories: Backward Trajectory Duration: 48 hrs  
Frequency grid resolution: 1.0 x 1.0 degrees  
Endpoint output frequency: 60 per hour  
Number of trajectories used for this calculation: 8  
Meteorology: 0000Z 9 Feb 2016 - GDASlp5

NOAA HYSPLIT MODEL - TRAJECTORY FREQUENCIES

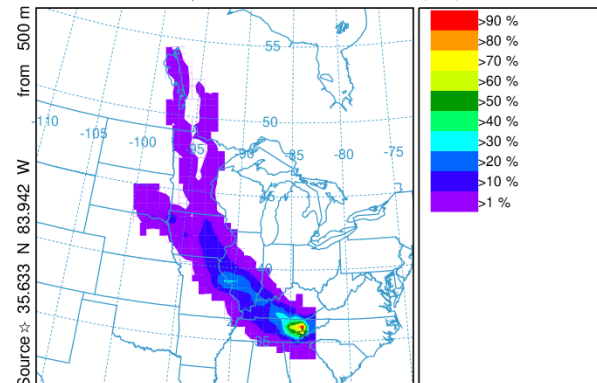
# endpts per grid sq./total # endpts (%) 0 m and 99999 m  
Integrated from 2300 12 Feb to 0500 09 Feb 16 (UTC) [backward]  
Freq Calculation started at 0000 00 00 (UTC)



Job ID: 148007 Job Start: Tue Nov 17 14:23:57 UTC 2020  
Source 1 lat: 35.633400 lon: -83.941600 height: 500 m AGL  
Initial trajectory started: 2300Z 12 Feb 16  
Direction of trajectories: Backward Trajectory Duration: 48 hrs  
Frequency grid resolution: 1.0 x 1.0 degrees  
Endpoint output frequency: 60 per hour  
Number of trajectories used for this calculation: 8  
Meteorology: 0000Z 12 Feb 2016 - GDASlp5

NOAA HYSPLIT MODEL - TRAJECTORY FREQUENCIES

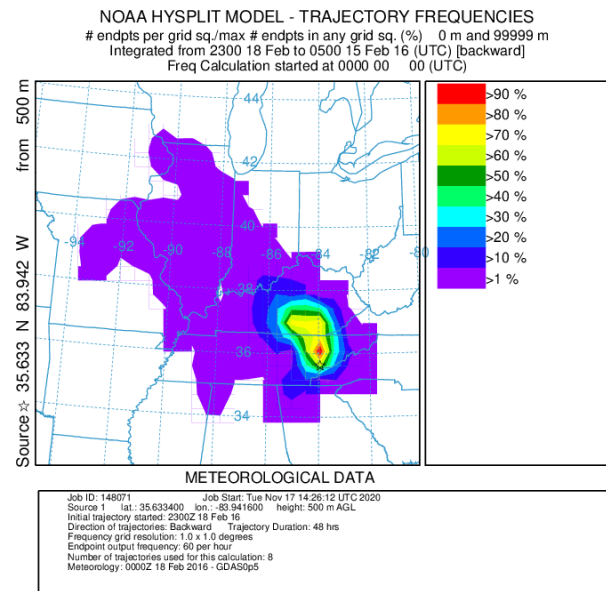
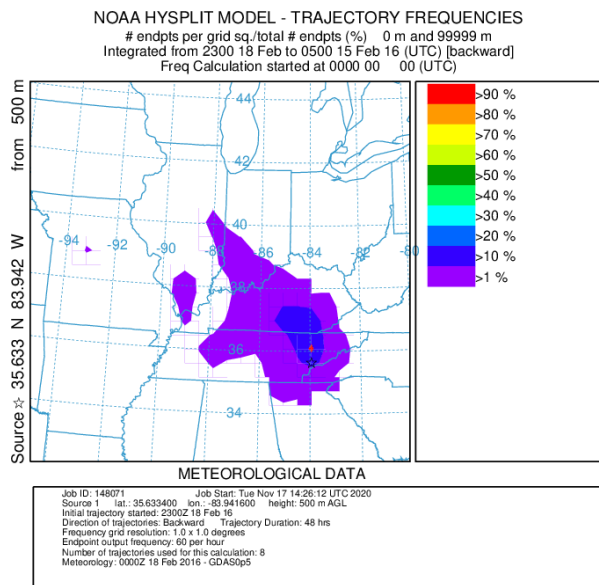
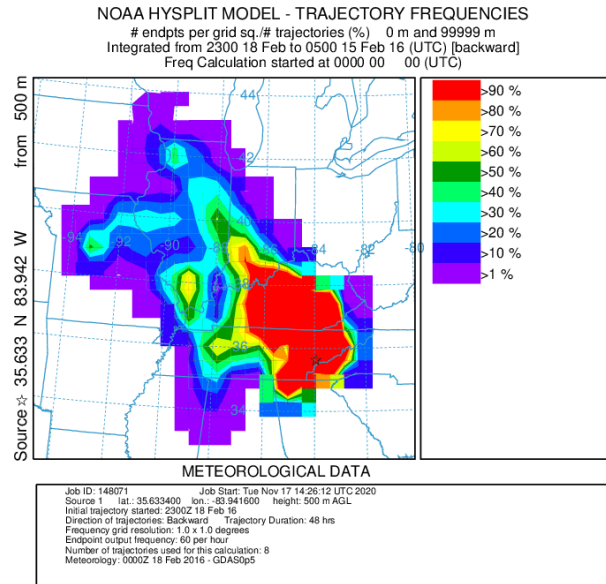
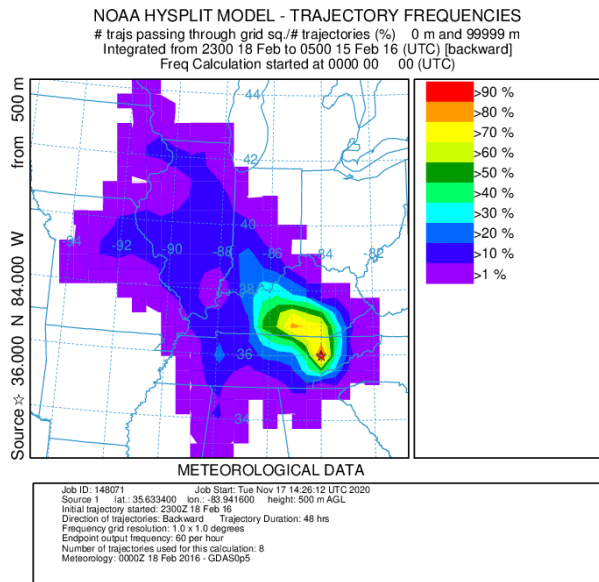
# endpts per grid sq./max # endpts in any grid sq. (%) 0 m and 99999 m  
Integrated from 2300 12 Feb to 0500 09 Feb 16 (UTC) [backward]  
Freq Calculation started at 0000 00 00 (UTC)



Job ID: 148007 Job Start: Tue Nov 17 14:23:57 UTC 2020  
Source 1 lat: 35.633400 lon: -83.941600 height: 500 m AGL  
Initial trajectory started: 2300Z 12 Feb 16  
Direction of trajectories: Backward Trajectory Duration: 48 hrs  
Frequency grid resolution: 1.0 x 1.0 degrees  
Endpoint output frequency: 60 per hour  
Number of trajectories used for this calculation: 8  
Meteorology: 0000Z 12 Feb 2016 - GDASlp5



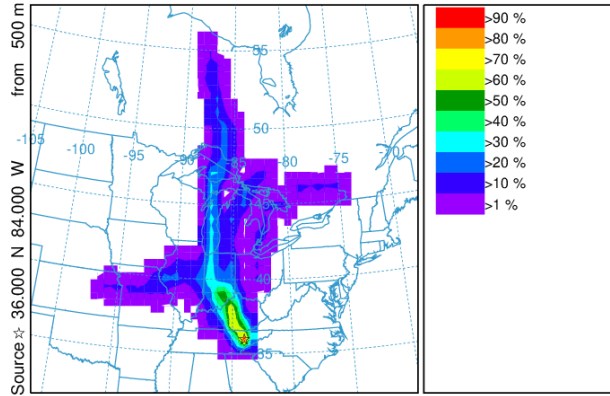
February 18<sup>th</sup>, 2016



May 6<sup>th</sup>, 2016

NOAA HYSPLIT MODEL - TRAJECTORY FREQUENCIES

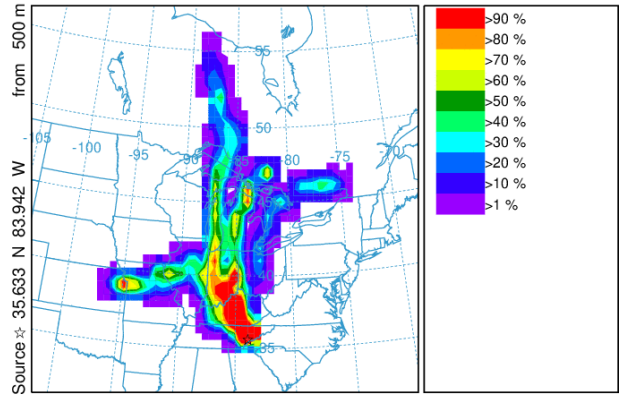
# trajs passing through grid sq./# trajectories (%) 0 m and 99999 m  
Integrated from 2300 06 May to 0500 03 May 16 (UTC) [backward]  
Freq Calculation started at 0000 00 00 (UTC)



Job ID: 148168 Job Start: Tue Nov 17 14:31:38 UTC 2020  
Source 1 lat: 35.633400 lon: -83.941600 height: 500 m AGL  
Initial trajectory started: 2300Z 06 May 16  
Direction of trajectories: Backward Trajectory Duration: 48 hrs  
Frequency grid resolution: 1.0 x 1.0 degrees  
Endpoint output frequency: 60 per hour  
Number of trajectories used for this calculation: 8  
Meteorology: 0000Z 6 May 2016 - GDAS0p5

NOAA HYSPLIT MODEL - TRAJECTORY FREQUENCIES

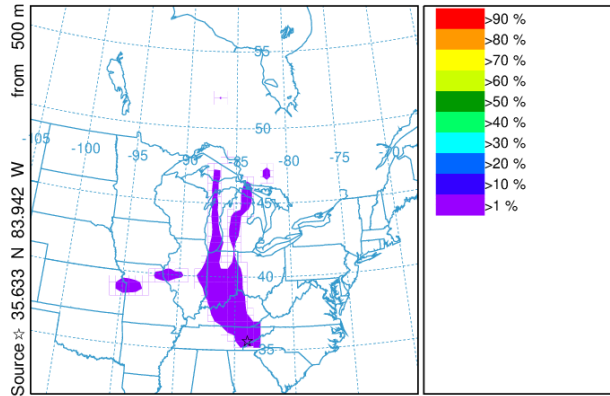
# endpts per grid sq./# trajectories (%) 0 m and 99999 m  
Integrated from 2300 06 May to 0500 03 May 16 (UTC) [backward]  
Freq Calculation started at 0000 00 00 (UTC)



Job ID: 148168 Job Start: Tue Nov 17 14:31:38 UTC 2020  
Source 1 lat: 35.633400 lon: -83.941600 height: 500 m AGL  
Initial trajectory started: 2300Z 06 May 16  
Direction of trajectories: Backward Trajectory Duration: 48 hrs  
Frequency grid resolution: 1.0 x 1.0 degrees  
Endpoint output frequency: 60 per hour  
Number of trajectories used for this calculation: 8  
Meteorology: 0000Z 6 May 2016 - GDAS0p5

NOAA HYSPLIT MODEL - TRAJECTORY FREQUENCIES

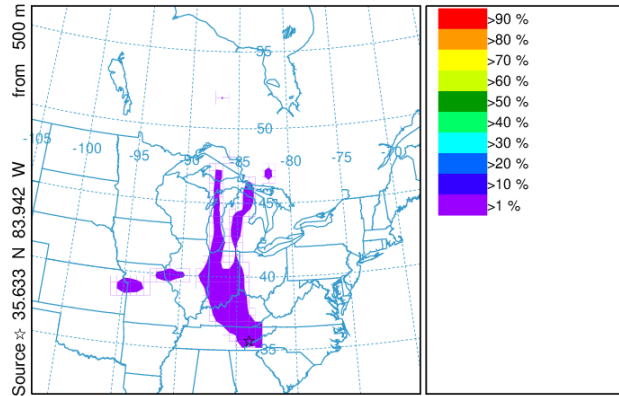
# endpts per grid sq./total # endpts (%) 0 m and 99999 m  
Integrated from 2300 06 May to 0500 03 May 16 (UTC) [backward]  
Freq Calculation started at 0000 00 00 (UTC)



Job ID: 148168 Job Start: Tue Nov 17 14:31:38 UTC 2020  
Source 1 lat: 35.633400 lon: -83.941600 height: 500 m AGL  
Initial trajectory started: 2300Z 06 May 16  
Direction of trajectories: Backward Trajectory Duration: 48 hrs  
Frequency grid resolution: 1.0 x 1.0 degrees  
Endpoint output frequency: 60 per hour  
Number of trajectories used for this calculation: 8  
Meteorology: 0000Z 6 May 2016 - GDAS0p5

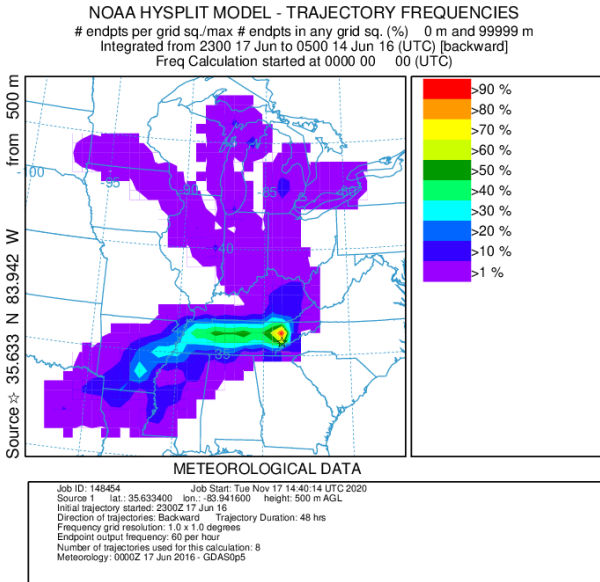
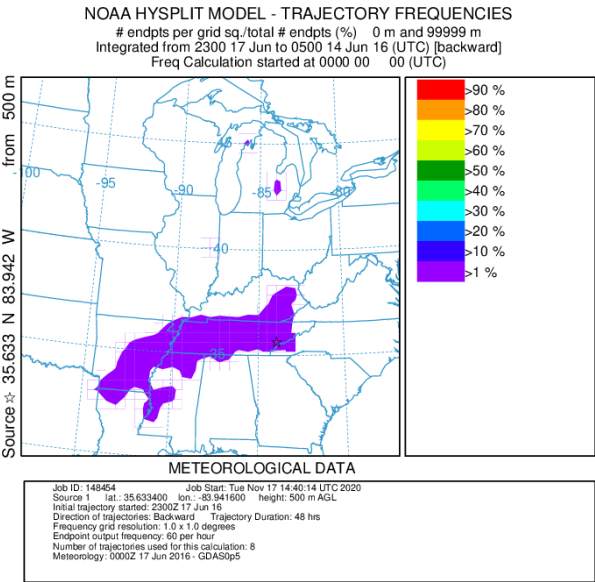
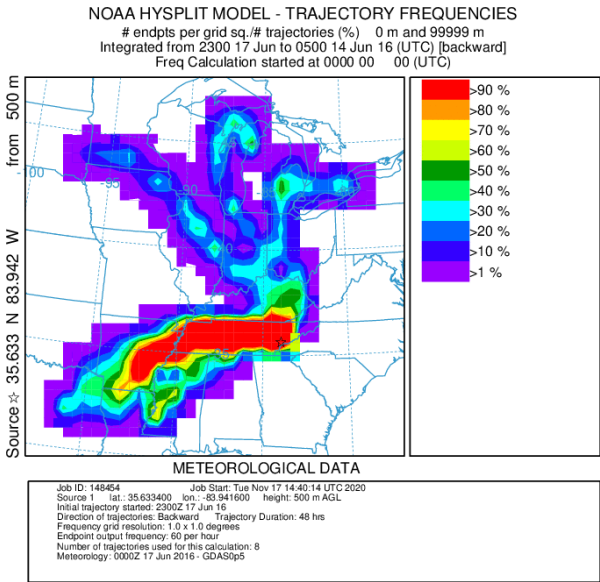
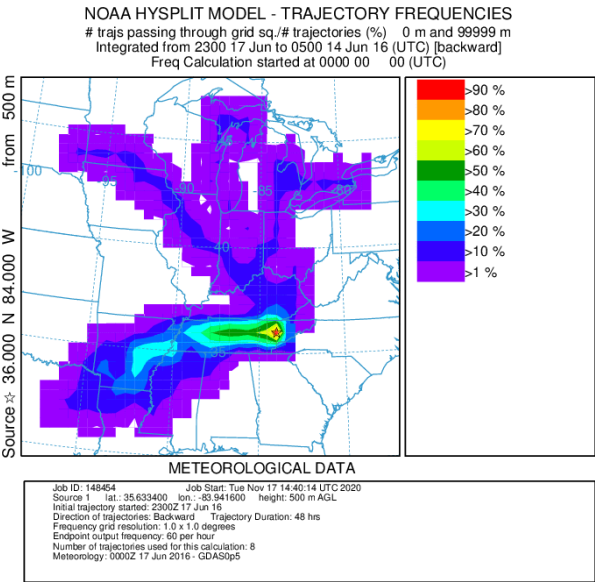
NOAA HYSPLIT MODEL - TRAJECTORY FREQUENCIES

# endpts per grid sq./total # endpts (%) 0 m and 99999 m  
Integrated from 2300 06 May to 0500 03 May 16 (UTC) [backward]  
Freq Calculation started at 0000 00 00 (UTC)



Job ID: 148168 Job Start: Tue Nov 17 14:31:38 UTC 2020  
Source 1 lat: 35.633400 lon: -83.941600 height: 500 m AGL  
Initial trajectory started: 2300Z 06 May 16  
Direction of trajectories: Backward Trajectory Duration: 48 hrs  
Frequency grid resolution: 1.0 x 1.0 degrees  
Endpoint output frequency: 60 per hour  
Number of trajectories used for this calculation: 8  
Meteorology: 0000Z 6 May 2016 - GDAS0p5

June 17<sup>th</sup>, 2016

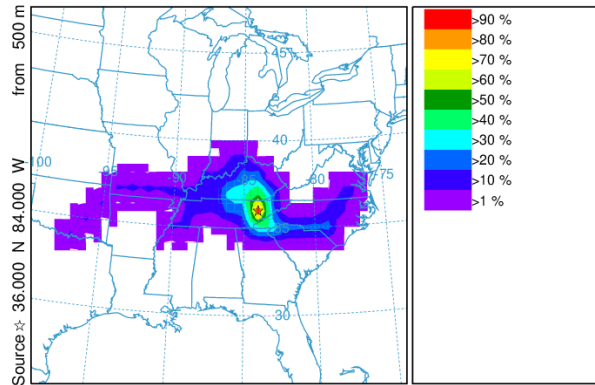




June 26<sup>th</sup>, 2016

NOAA HYSPLIT MODEL - TRAJECTORY FREQUENCIES

# trajs passing through grid sq./# trajectories (%) 0 m and 99999 m  
Integrated from 2300 26 Jun to 0500 23 Jun 16 (UTC) [backward]  
Freq Calculation started at 0000 00 00 (UTC)

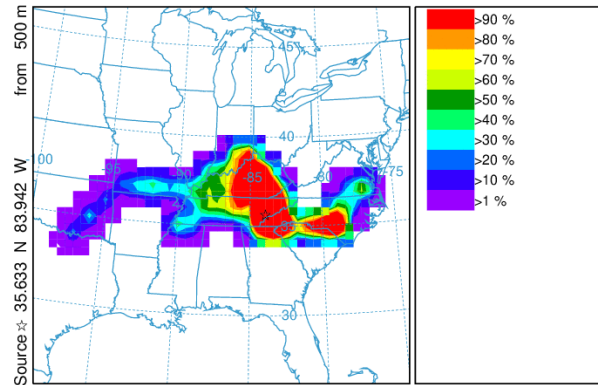


METEOROLOGICAL DATA

Job ID: 148599 Job Start: Tue Nov 17 14:44:45 UTC 2020  
Source 1 lat.: 35.633400 lon.: -83.941600 height: 500 m AGL  
Initial trajectory started: 2300Z 26 Jun 16  
Direction of trajectories: Backward Trajectory Duration: 48 hrs  
Frequency grid resolution: 1.0 x 1.0 degrees  
Endpoint output frequency: 60 per hour  
Number of trajectories used for this calculation: 8  
Meteorology: 0000Z 26 Jun 2016 - GDAS0p5

NOAA HYSPLIT MODEL - TRAJECTORY FREQUENCIES

# endpts per grid sq./# trajectories (%) 0 m and 99999 m  
Integrated from 2300 26 Jun to 0500 23 Jun 16 (UTC) [backward]  
Freq Calculation started at 0000 00 00 (UTC)

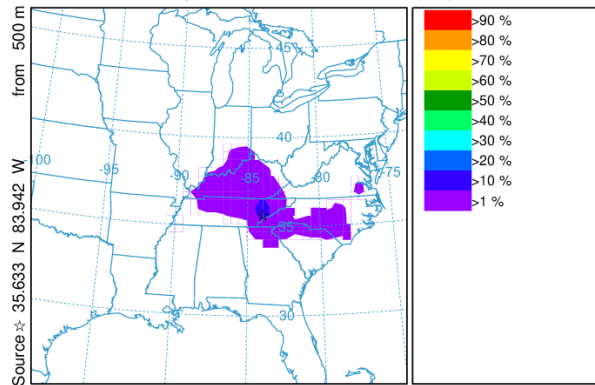


METEOROLOGICAL DATA

Job ID: 148599 Job Start: Tue Nov 17 14:44:45 UTC 2020  
Source 1 lat.: 35.633400 lon.: -83.941600 height: 500 m AGL  
Initial trajectory started: 2300Z 26 Jun 16  
Direction of trajectories: Backward Trajectory Duration: 48 hrs  
Frequency grid resolution: 1.0 x 1.0 degrees  
Endpoint output frequency: 60 per hour  
Number of trajectories used for this calculation: 8  
Meteorology: 0000Z 26 Jun 2016 - GDAS0p5

NOAA HYSPLIT MODEL - TRAJECTORY FREQUENCIES

# endpts per grid sq./total # endpts (%) 0 m and 99999 m  
Integrated from 2300 26 Jun to 0500 23 Jun 16 (UTC) [backward]  
Freq Calculation started at 0000 00 00 (UTC)

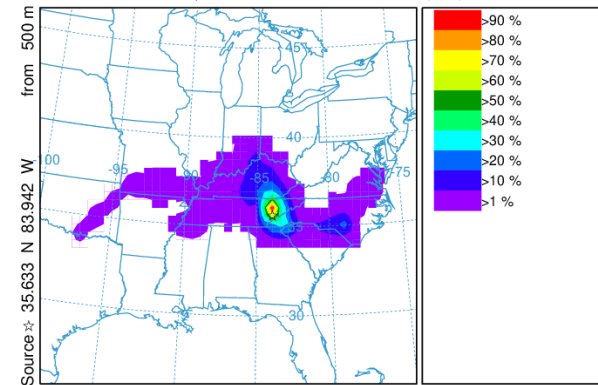


METEOROLOGICAL DATA

Job ID: 148599 Job Start: Tue Nov 17 14:44:45 UTC 2020  
Source 1 lat.: 35.633400 lon.: -83.941600 height: 500 m AGL  
Initial trajectory started: 2300Z 26 Jun 16  
Direction of trajectories: Backward Trajectory Duration: 48 hrs  
Frequency grid resolution: 1.0 x 1.0 degrees  
Endpoint output frequency: 60 per hour  
Number of trajectories used for this calculation: 8  
Meteorology: 0000Z 26 Jun 2016 - GDAS0p5

NOAA HYSPLIT MODEL - TRAJECTORY FREQUENCIES

# endpts per grid sq./max # endpts in any grid sq. (%) 0 m and 99999 m  
Integrated from 2300 26 Jun to 0500 23 Jun 16 (UTC) [backward]  
Freq Calculation started at 0000 00 00 (UTC)

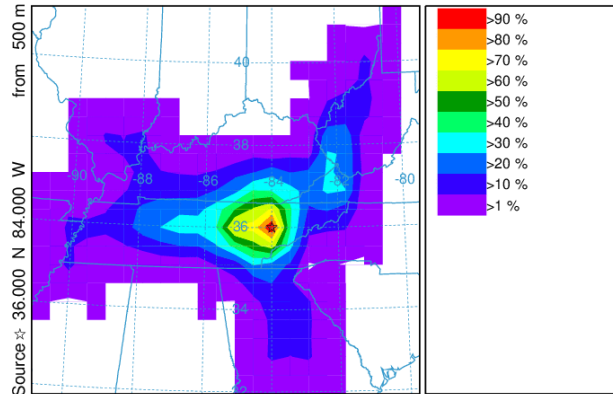


METEOROLOGICAL DATA

Job ID: 148599 Job Start: Tue Nov 17 14:44:45 UTC 2020  
Source 1 lat.: 35.633400 lon.: -83.941600 height: 500 m AGL  
Initial trajectory started: 2300Z 26 Jun 16  
Direction of trajectories: Backward Trajectory Duration: 48 hrs  
Frequency grid resolution: 1.0 x 1.0 degrees  
Endpoint output frequency: 60 per hour  
Number of trajectories used for this calculation: 8  
Meteorology: 0000Z 26 Jun 2016 - GDAS0p5

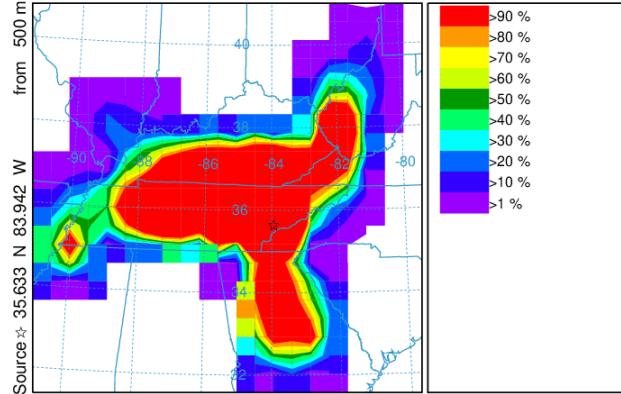
July 2<sup>nd</sup>, 2016

NOAA HYSPLIT MODEL - TRAJECTORY FREQUENCIES  
# trajs passing through grid sq./# trajectories (%) 0 m and 99999 m  
Integrated from 2300 02 Jul to 0500 29 Jun 16 (UTC) [backward]  
Freq Calculation started at 0000 00 00 (UTC)



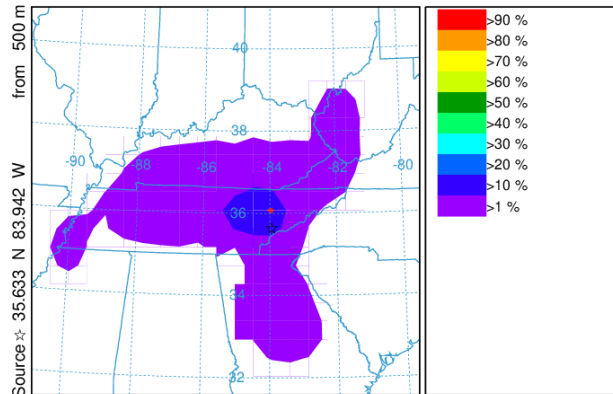
METEOROLOGICAL DATA  
Job ID: 148677 Job Start: Tue Nov 17 14:47:26 UTC 2020  
Source 1 lat: 35.633400 lon: -83.941600 height: 500 m AGL  
Initial trajectory started: 2300Z 02 Jul 16  
Direction of trajectories: Backward Trajectory Duration: 48 hrs  
Frequency grid resolution: 1.0 x 1.0 degrees  
Endpoint output frequency: 60 per hour  
Number of trajectories used for this calculation: 8  
Meteorology: 0000Z 2 Jul 2016 - GDAS0p5

NOAA HYSPLIT MODEL - TRAJECTORY FREQUENCIES  
# endpts per grid sq./# trajectories (%) 0 m and 99999 m  
Integrated from 2300 02 Jul to 0500 29 Jun 16 (UTC) [backward]  
Freq Calculation started at 0000 00 00 (UTC)



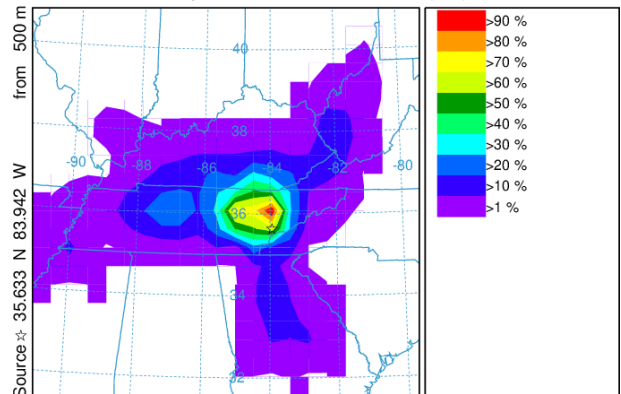
METEOROLOGICAL DATA  
Job ID: 148677 Job Start: Tue Nov 17 14:47:26 UTC 2020  
Source 1 lat: 35.633400 lon: -83.941600 height: 500 m AGL  
Initial trajectory started: 2300Z 02 Jul 16  
Direction of trajectories: Backward Trajectory Duration: 48 hrs  
Frequency grid resolution: 1.0 x 1.0 degrees  
Endpoint output frequency: 60 per hour  
Number of trajectories used for this calculation: 8  
Meteorology: 0000Z 2 Jul 2016 - GDAS0p5

NOAA HYSPLIT MODEL - TRAJECTORY FREQUENCIES  
# endpts per grid sq./total # endpts (%) 0 m and 99999 m  
Integrated from 2300 02 Jul to 0500 29 Jun 16 (UTC) [backward]  
Freq Calculation started at 0000 00 00 (UTC)



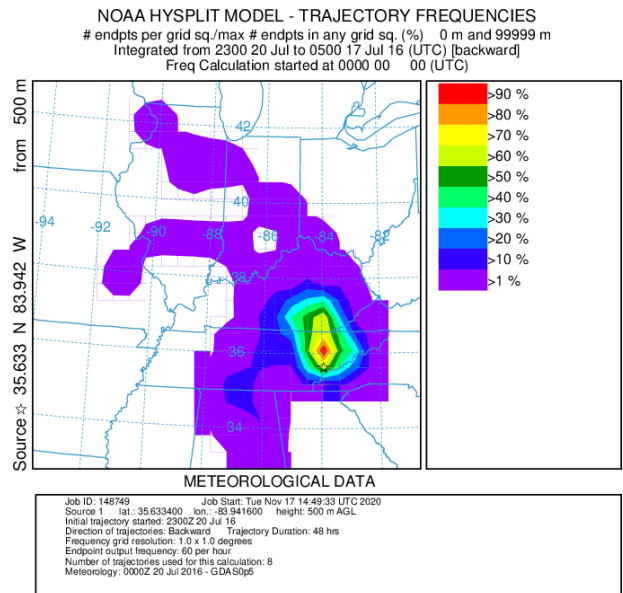
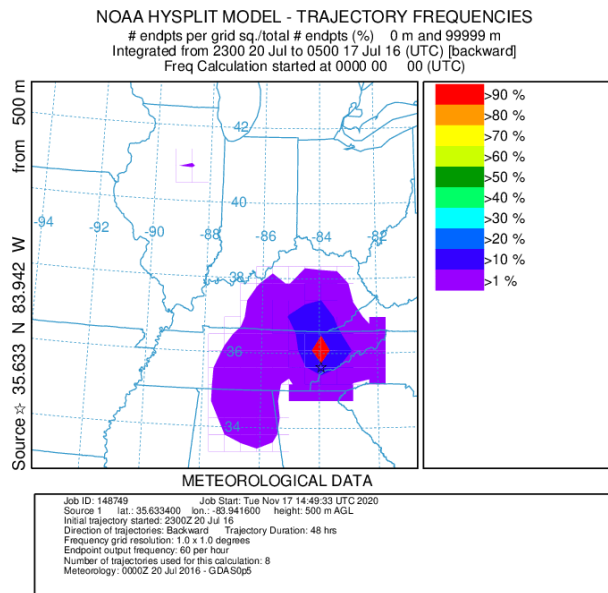
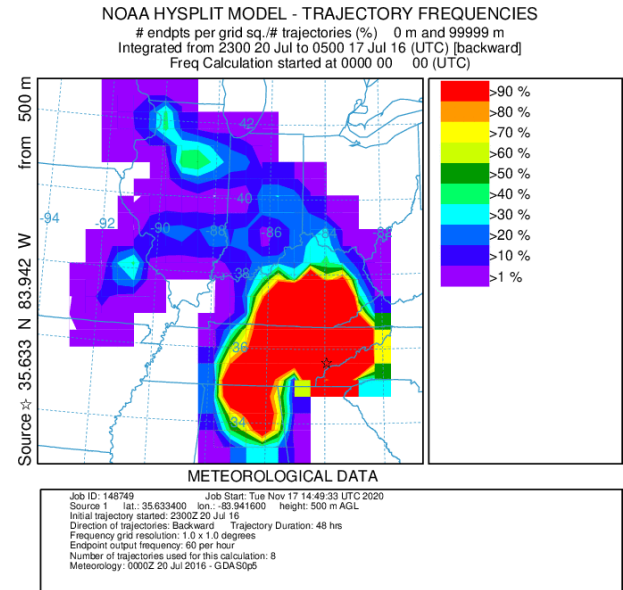
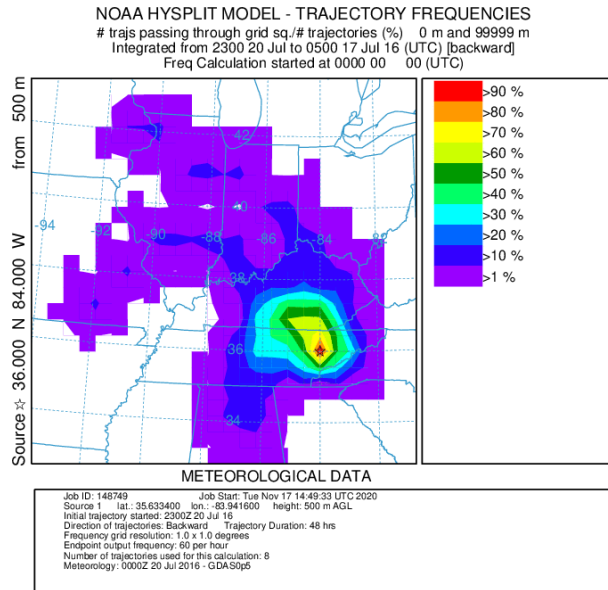
METEOROLOGICAL DATA  
Job ID: 148677 Job Start: Tue Nov 17 14:47:26 UTC 2020  
Source 1 lat: 35.633400 lon: -83.941600 height: 500 m AGL  
Initial trajectory started: 2300Z 02 Jul 16  
Direction of trajectories: Backward Trajectory Duration: 48 hrs  
Frequency grid resolution: 1.0 x 1.0 degrees  
Endpoint output frequency: 60 per hour  
Number of trajectories used for this calculation: 8  
Meteorology: 0000Z 2 Jul 2016 - GDAS0p5

NOAA HYSPLIT MODEL - TRAJECTORY FREQUENCIES  
# endpts per grid sq./max # endpts in any grid sq. (%) 0 m and 99999 m  
Integrated from 2300 02 Jul to 0500 29 Jun 16 (UTC) [backward]  
Freq Calculation started at 0000 00 00 (UTC)

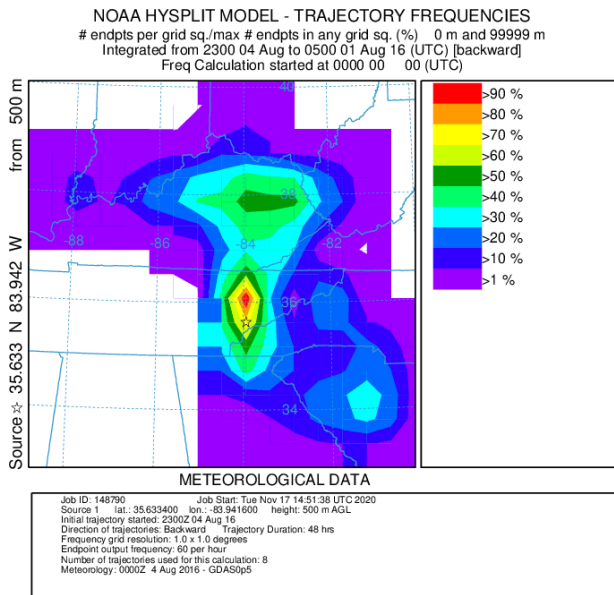
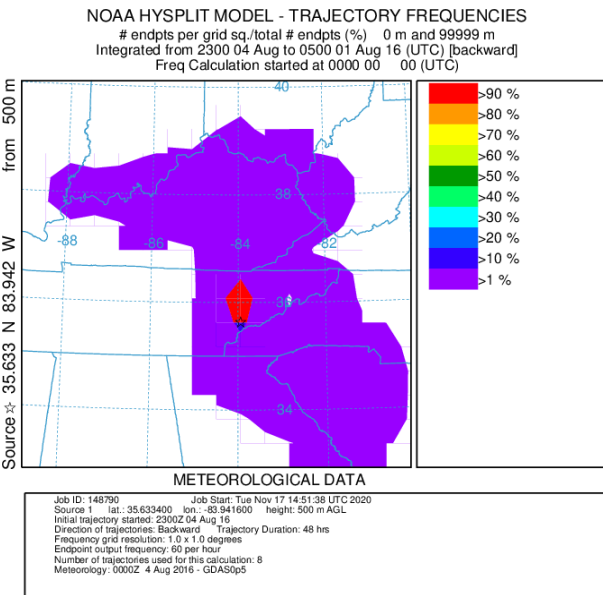
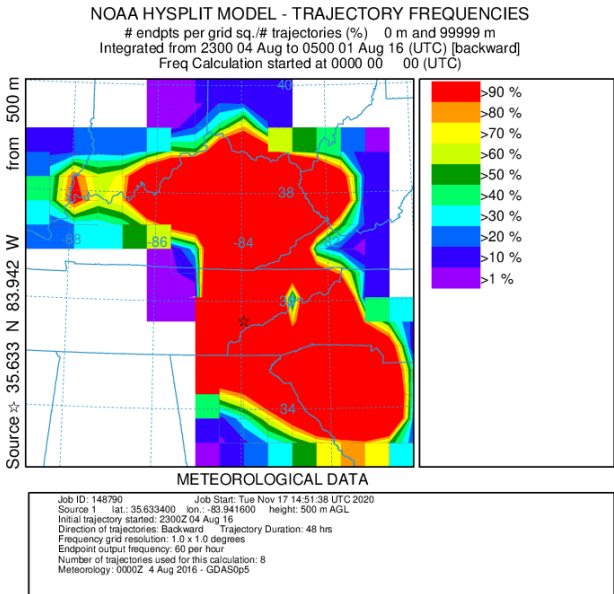
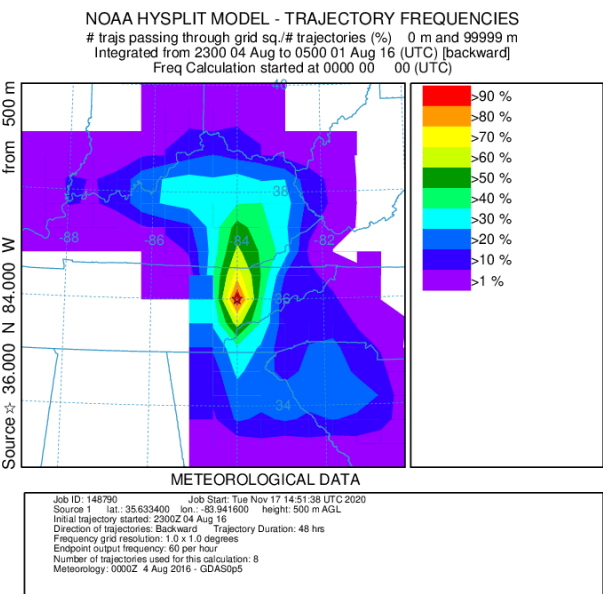


METEOROLOGICAL DATA  
Job ID: 148677 Job Start: Tue Nov 17 14:47:26 UTC 2020  
Source 1 lat: 35.633400 lon: -83.941600 height: 500 m AGL  
Initial trajectory started: 2300Z 02 Jul 16  
Direction of trajectories: Backward Trajectory Duration: 48 hrs  
Frequency grid resolution: 1.0 x 1.0 degrees  
Endpoint output frequency: 60 per hour  
Number of trajectories used for this calculation: 8  
Meteorology: 0000Z 2 Jul 2016 - GDAS0p5

July 20<sup>th</sup>, 2016



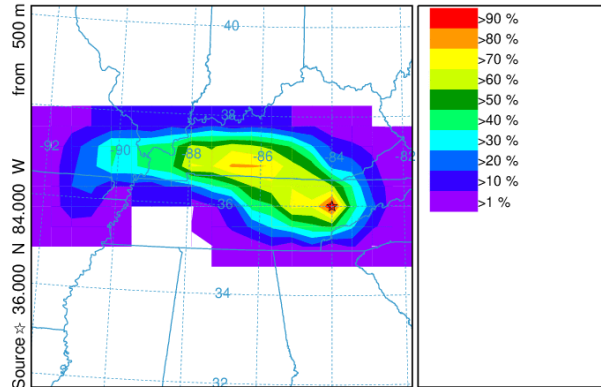
August 4<sup>th</sup>, 2016



August 7<sup>th</sup>, 2016

NOAA HYSPLIT MODEL - TRAJECTORY FREQUENCIES

# trajs passing through grid sq./# trajectories (%) 0 m and 99999 m  
Integrated from 2300 07 Aug to 0500 04 Aug 16 (UTC) [backward]  
Freq Calculation started at 0000 00 00 (UTC)

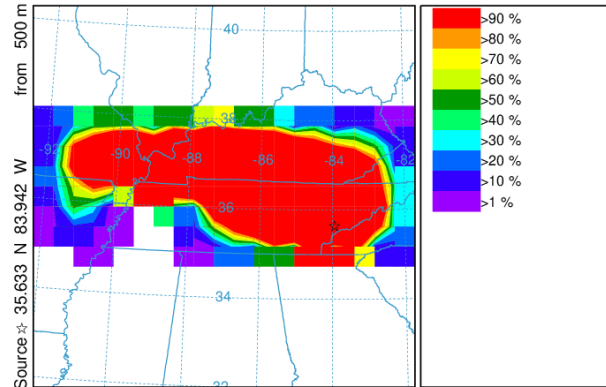


METEOROLOGICAL DATA

Job ID: 148884 Job Start: Tue Nov 17 14:54:23 UTC 2020  
Source 1 lat.: 35.633400 lon.: -83.941600 height: 500 m AGL  
Initial trajectory started: 2300Z 07 Aug 16  
Direction of trajectories: Backward Trajectory Duration: 48 hrs  
Frequency grid resolution: 1.0 x 1.0 degrees  
Endpoint output frequency: 60 per hour  
Number of trajectories used for this calculation: 8  
Meteorology: 0000Z 7 Aug 2016 - GDAS0p5

NOAA HYSPLIT MODEL - TRAJECTORY FREQUENCIES

# endpts per grid sq./# trajectories (%) 0 m and 99999 m  
Integrated from 2300 07 Aug to 0500 04 Aug 16 (UTC) [backward]  
Freq Calculation started at 0000 00 00 (UTC)

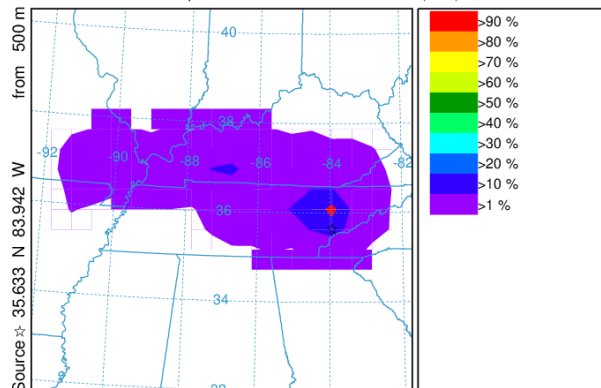


METEOROLOGICAL DATA

Job ID: 148884 Job Start: Tue Nov 17 14:54:23 UTC 2020  
Source 1 lat.: 35.633400 lon.: -83.941600 height: 500 m AGL  
Initial trajectory started: 2300Z 07 Aug 16  
Direction of trajectories: Backward Trajectory Duration: 48 hrs  
Frequency grid resolution: 1.0 x 1.0 degrees  
Endpoint output frequency: 60 per hour  
Number of trajectories used for this calculation: 8  
Meteorology: 0000Z 7 Aug 2016 - GDAS0p5

NOAA HYSPLIT MODEL - TRAJECTORY FREQUENCIES

# endpts per grid sq./total # endpts (%) 0 m and 99999 m  
Integrated from 2300 07 Aug to 0500 04 Aug 16 (UTC) [backward]  
Freq Calculation started at 0000 00 00 (UTC)

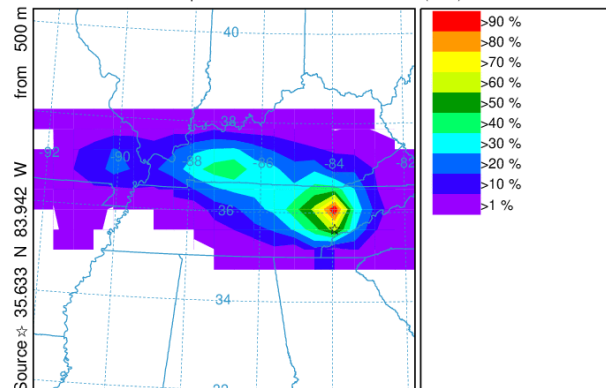


METEOROLOGICAL DATA

Job ID: 148884 Job Start: Tue Nov 17 14:54:23 UTC 2020  
Source 1 lat.: 35.633400 lon.: -83.941600 height: 500 m AGL  
Initial trajectory started: 2300Z 07 Aug 16  
Direction of trajectories: Backward Trajectory Duration: 48 hrs  
Frequency grid resolution: 1.0 x 1.0 degrees  
Endpoint output frequency: 60 per hour  
Number of trajectories used for this calculation: 8  
Meteorology: 0000Z 7 Aug 2016 - GDAS0p5

NOAA HYSPLIT MODEL - TRAJECTORY FREQUENCIES

# endpts per grid sq./max # endpts in any grid sq. (%) 0 m and 99999 m  
Integrated from 2300 07 Aug to 0500 04 Aug 16 (UTC) [backward]  
Freq Calculation started at 0000 00 00 (UTC)

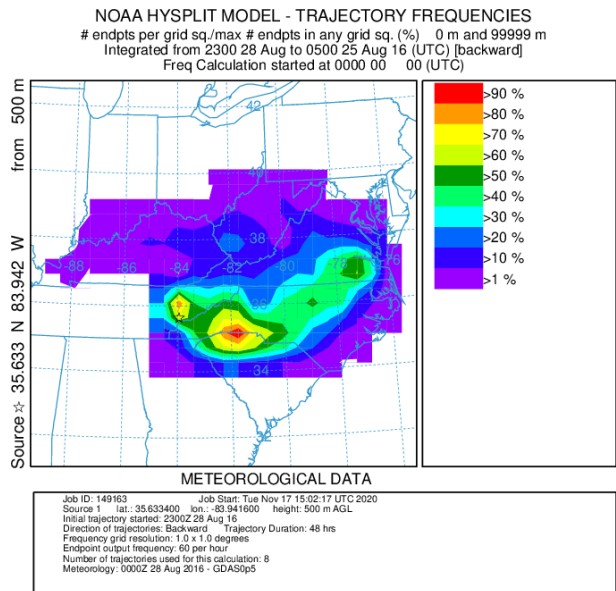
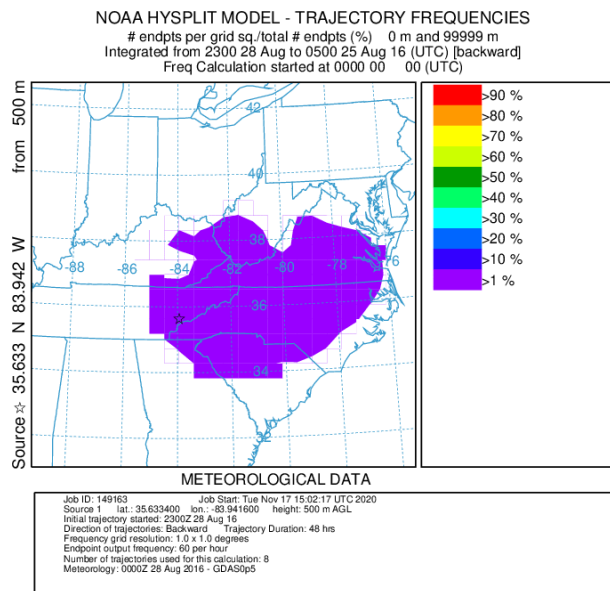
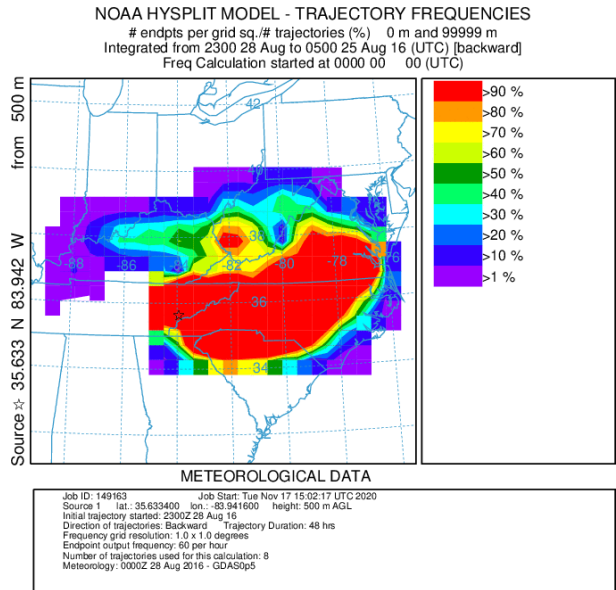
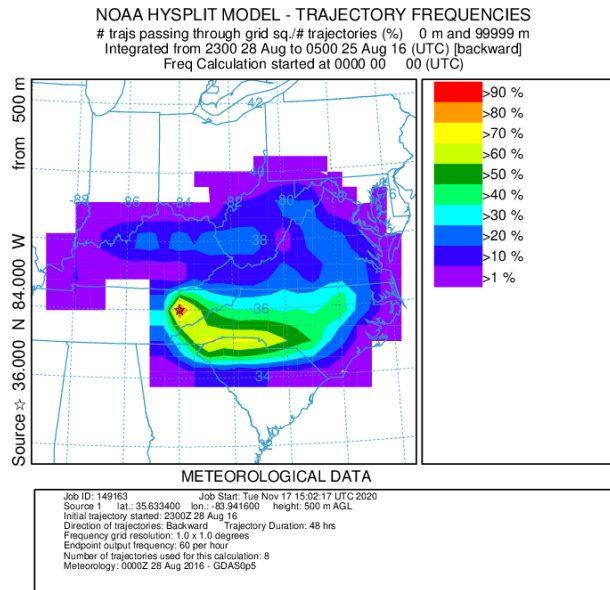


METEOROLOGICAL DATA

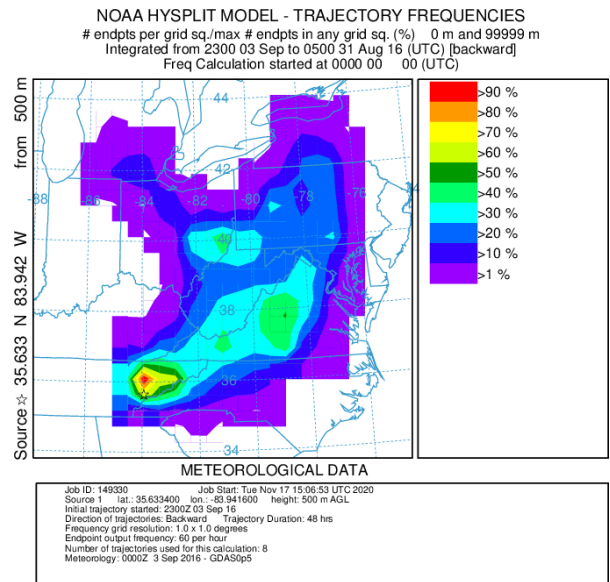
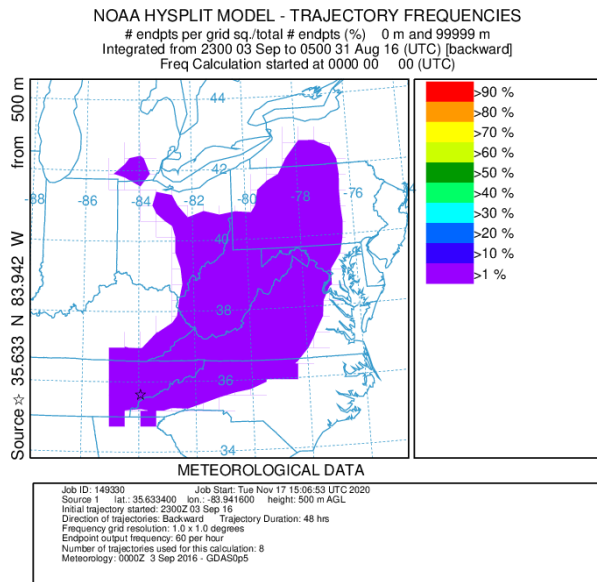
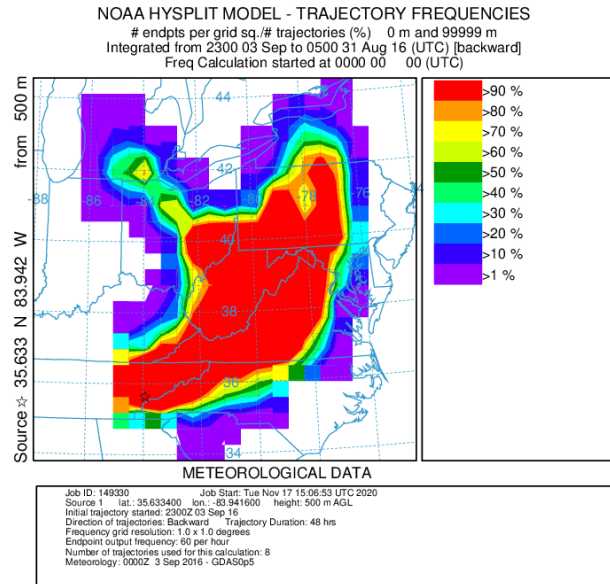
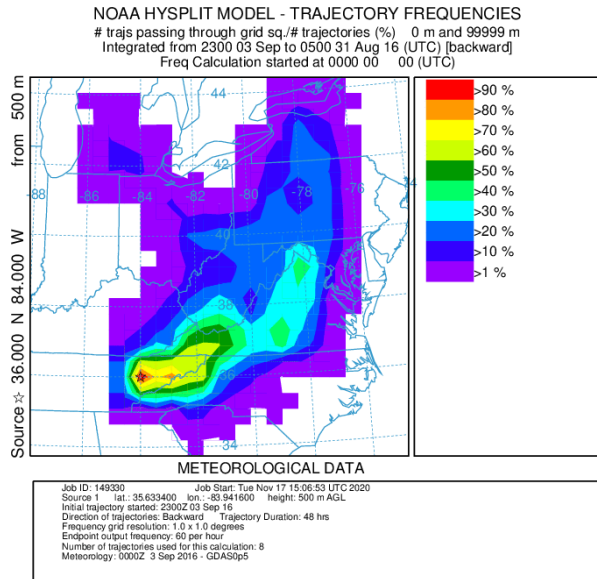
Job ID: 148884 Job Start: Tue Nov 17 14:54:23 UTC 2020  
Source 1 lat.: 35.633400 lon.: -83.941600 height: 500 m AGL  
Initial trajectory started: 2300Z 07 Aug 16  
Direction of trajectories: Backward Trajectory Duration: 48 hrs  
Frequency grid resolution: 1.0 x 1.0 degrees  
Endpoint output frequency: 60 per hour  
Number of trajectories used for this calculation: 8  
Meteorology: 0000Z 7 Aug 2016 - GDAS0p5



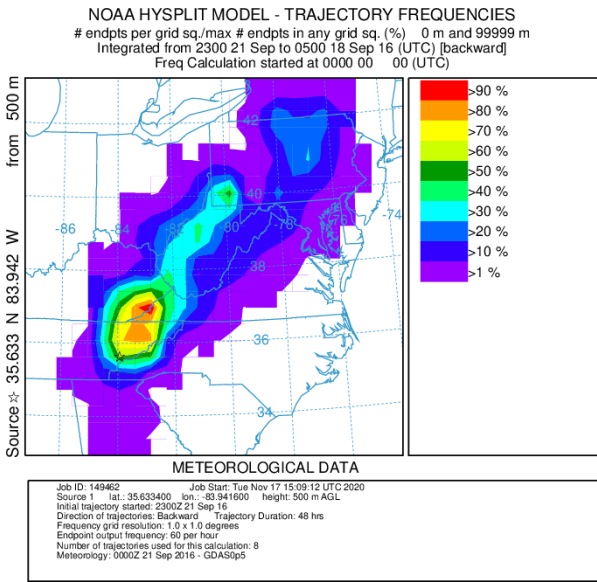
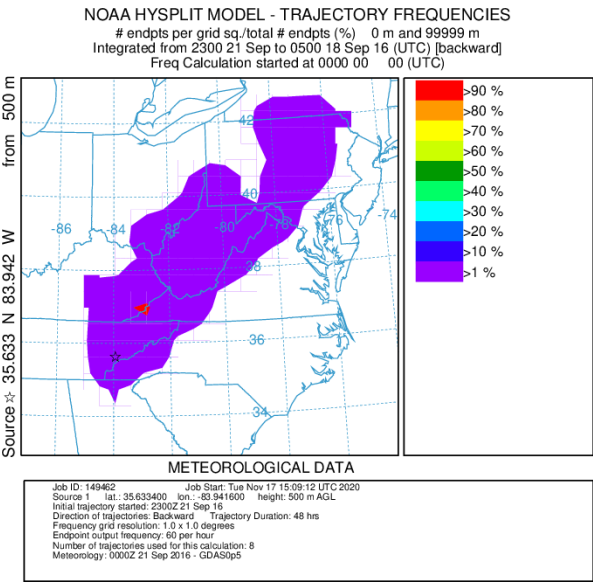
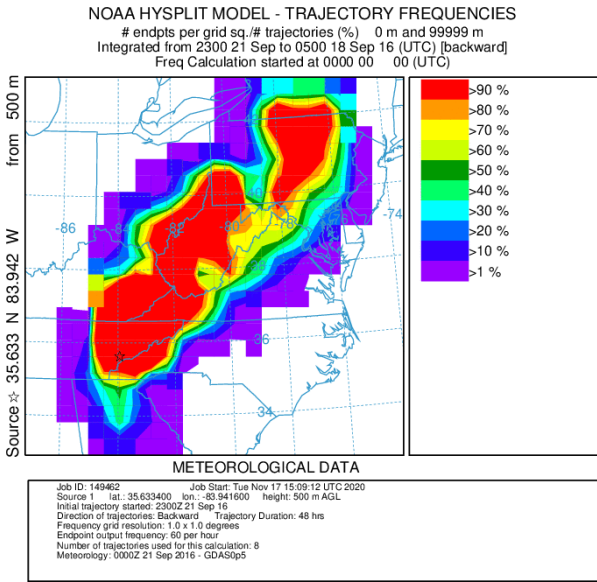
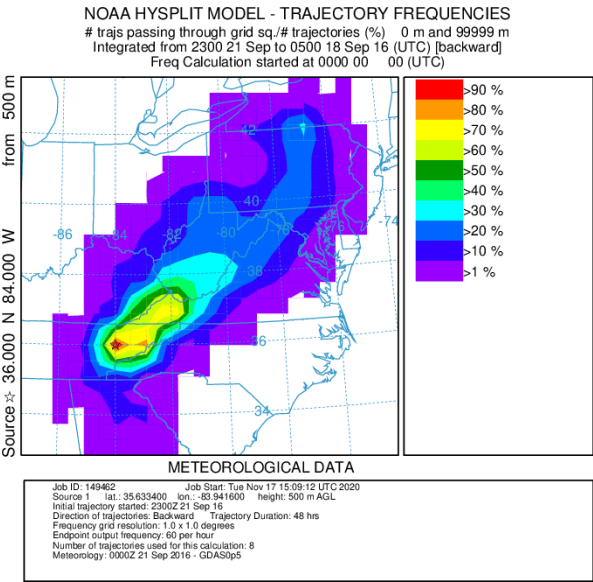
August 28<sup>th</sup>, 2016



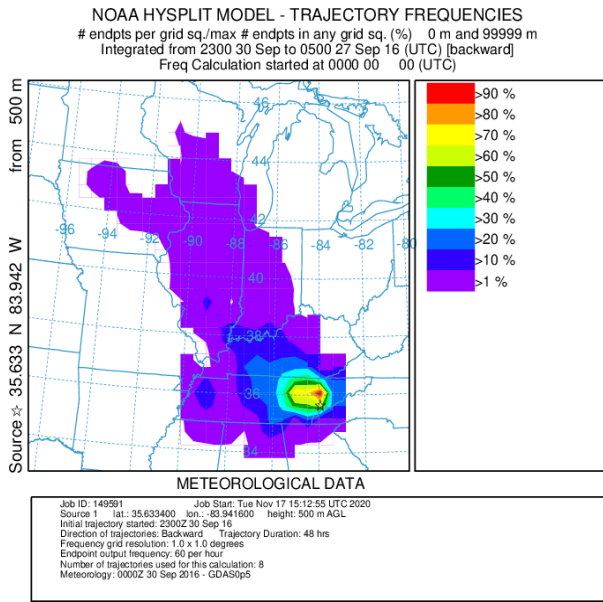
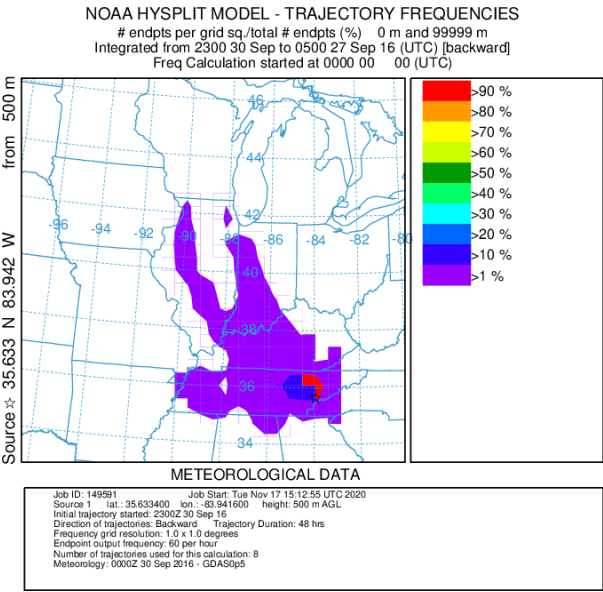
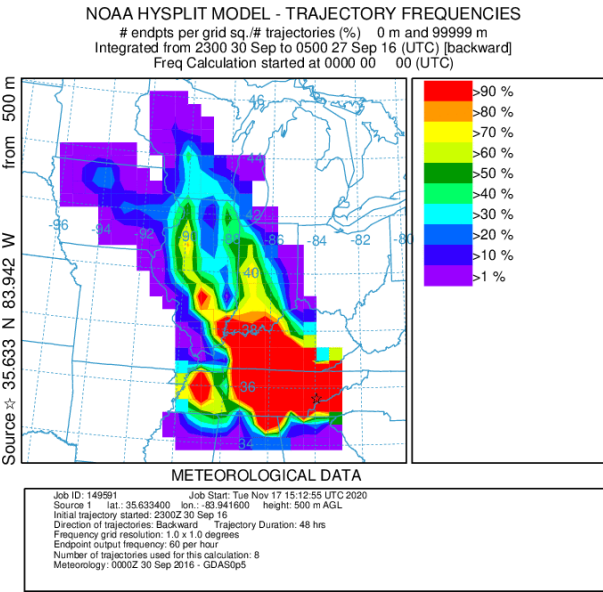
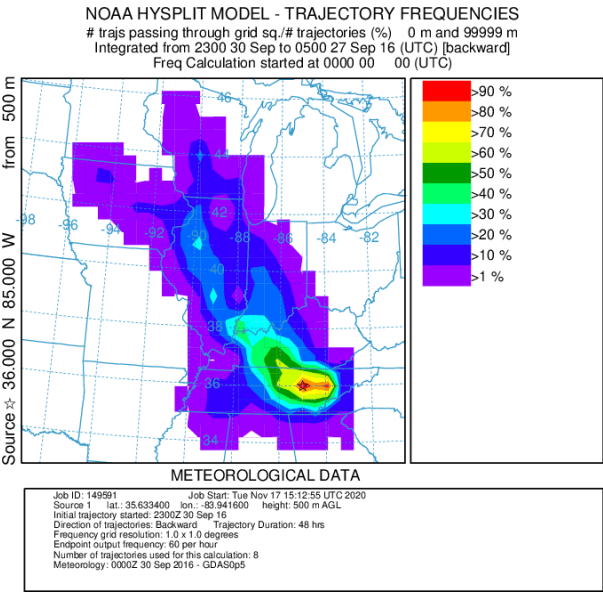
September 3<sup>rd</sup>, 2016



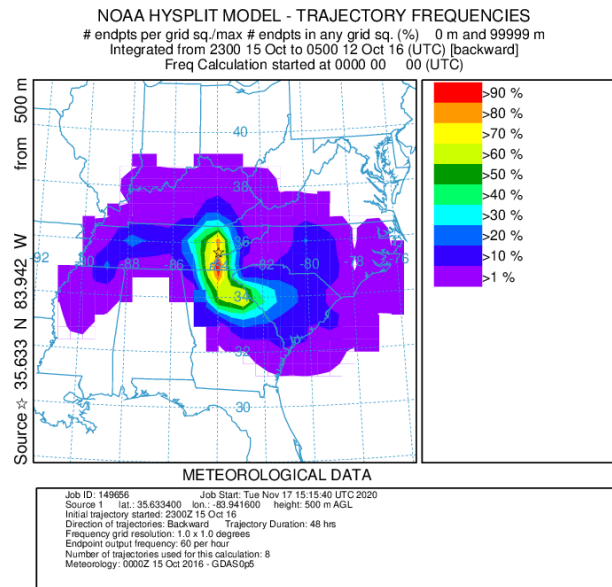
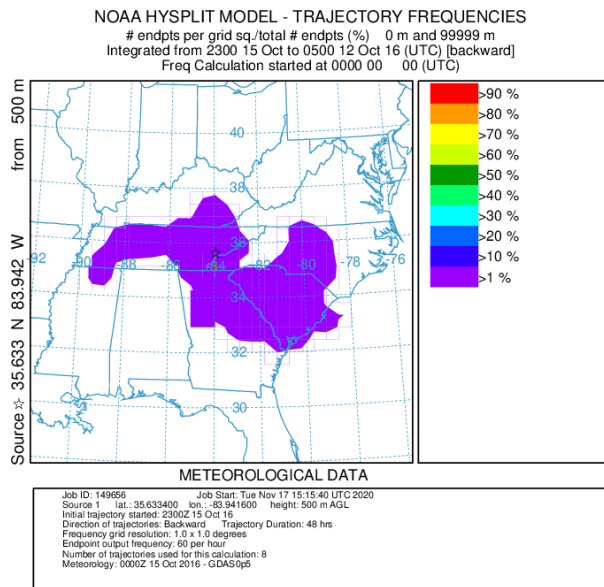
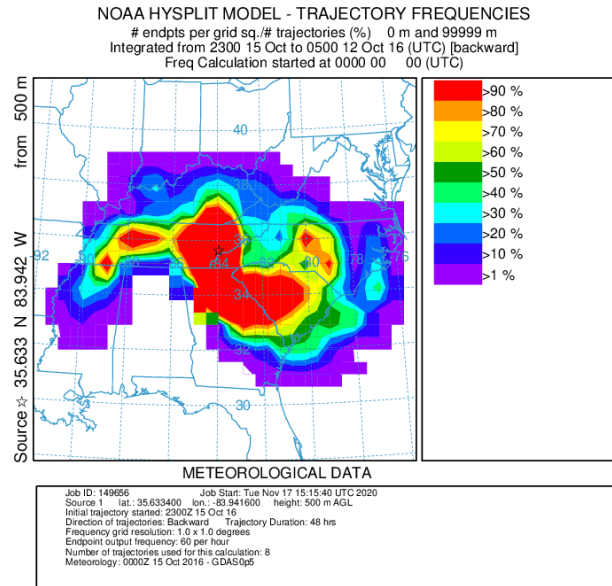
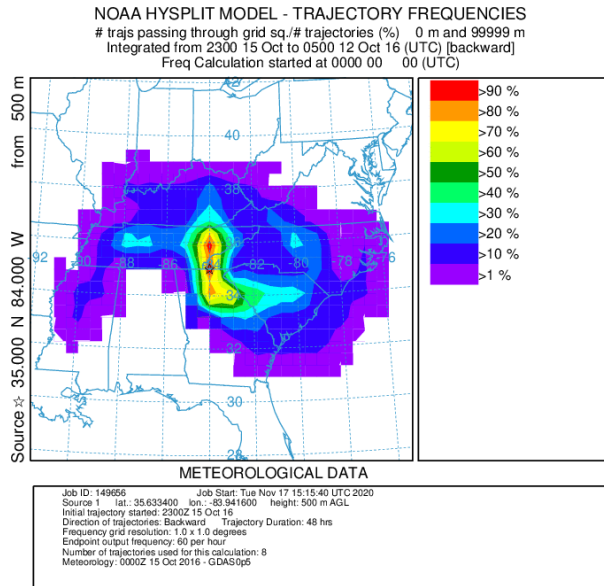
September 21<sup>st</sup>, 2016



September 30<sup>th</sup>, 2016



October 15<sup>th</sup>, 2016

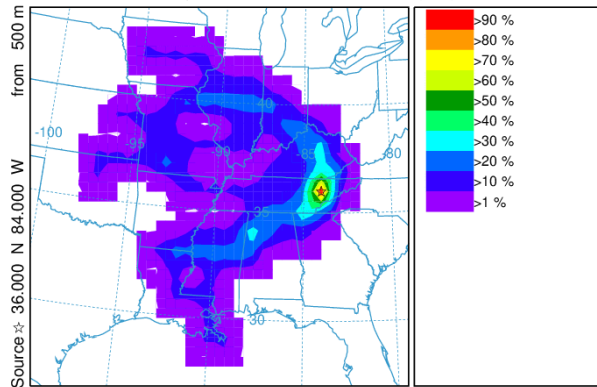




November 26<sup>th</sup>, 2016

NOAA HYSPLIT MODEL - TRAJECTORY FREQUENCIES

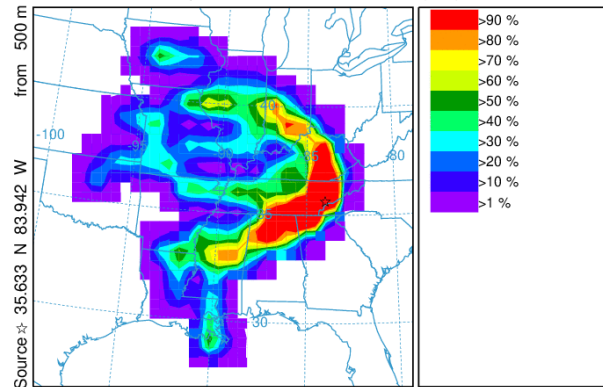
# trajs passing through grid sq./# trajectories (%) 0 m and 99999 m  
Integrated from 2300 26 Nov to 0500 23 Nov 16 (UTC) [backward]  
Freq Calculation started at 0000 00 00 (UTC)



Job ID: 149692 Job Start: Tue Nov 17 15:18:15 UTC 2020  
Source 1 lat: 35.633400 lon: -83.941600 height: 500 m AGL  
Initial trajectory started: 2300Z 26 Nov 16  
Direction of trajectories: Backward Trajectory Duration: 48 hrs  
Frequency grid resolution: 1.0 x 1.0 degrees  
Endpoint output frequency: 60 per hour  
Number of trajectories used for this calculation: 8  
Meteorology: 0000Z 26 Nov 2016 - GDAS0p5

NOAA HYSPLIT MODEL - TRAJECTORY FREQUENCIES

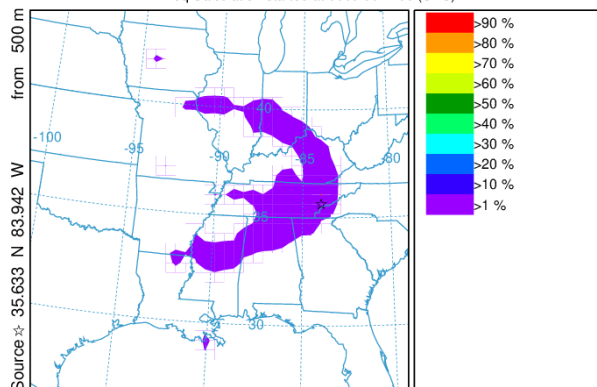
# endpts per grid sq./# trajectories (%) 0 m and 99999 m  
Integrated from 2300 26 Nov to 0500 23 Nov 16 (UTC) [backward]  
Freq Calculation started at 0000 00 00 (UTC)



Job ID: 149692 Job Start: Tue Nov 17 15:18:15 UTC 2020  
Source 1 lat: 35.633400 lon: -83.941600 height: 500 m AGL  
Initial trajectory started: 2300Z 26 Nov 16  
Direction of trajectories: Backward Trajectory Duration: 48 hrs  
Frequency grid resolution: 1.0 x 1.0 degrees  
Endpoint output frequency: 60 per hour  
Number of trajectories used for this calculation: 8  
Meteorology: 0000Z 26 Nov 2016 - GDAS0p5

NOAA HYSPLIT MODEL - TRAJECTORY FREQUENCIES

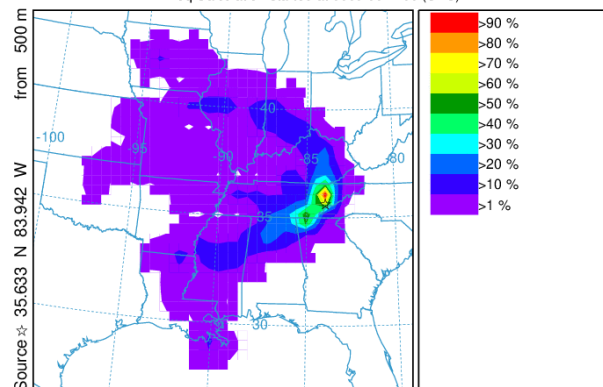
# endpts per grid sq./total # endpts (%) 0 m and 99999 m  
Integrated from 2300 26 Nov to 0500 23 Nov 16 (UTC) [backward]  
Freq Calculation started at 0000 00 00 (UTC)



Job ID: 149692 Job Start: Tue Nov 17 15:18:15 UTC 2020  
Source 1 lat: 35.633400 lon: -83.941600 height: 500 m AGL  
Initial trajectory started: 2300Z 26 Nov 16  
Direction of trajectories: Backward Trajectory Duration: 48 hrs  
Frequency grid resolution: 1.0 x 1.0 degrees  
Endpoint output frequency: 60 per hour  
Number of trajectories used for this calculation: 8  
Meteorology: 0000Z 26 Nov 2016 - GDAS0p5

NOAA HYSPLIT MODEL - TRAJECTORY FREQUENCIES

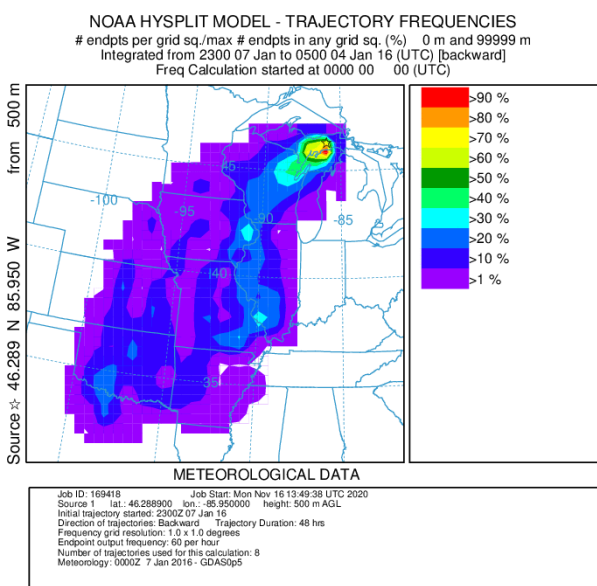
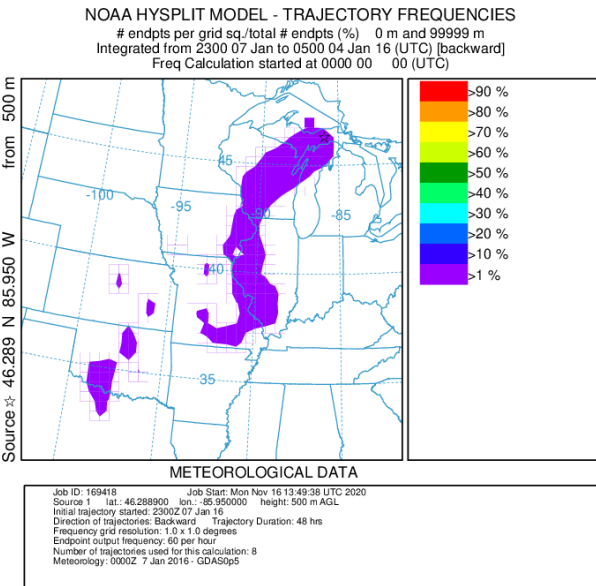
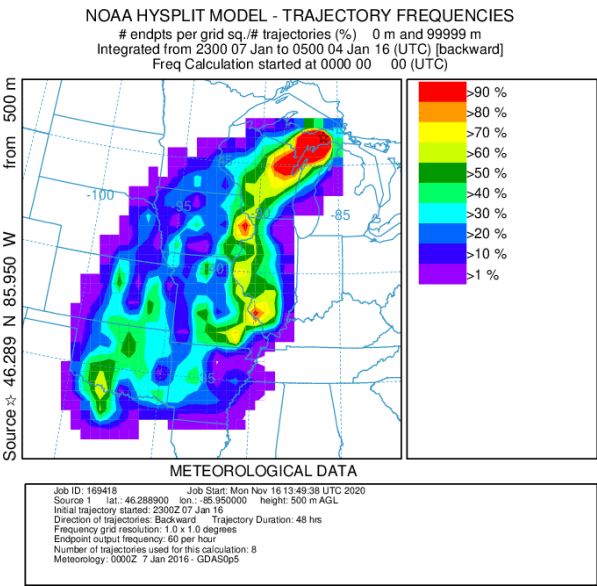
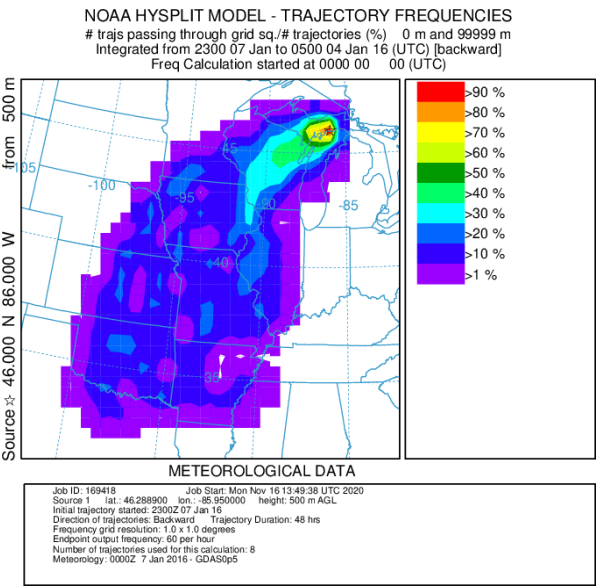
# endpts per grid sq./max # endpts in any grid sq. (%) 0 m and 99999 m  
Integrated from 2300 26 Nov to 0500 23 Nov 16 (UTC) [backward]  
Freq Calculation started at 0000 00 00 (UTC)



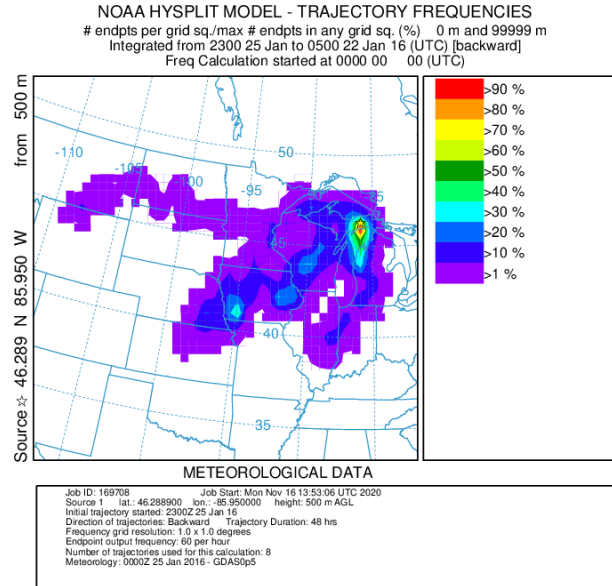
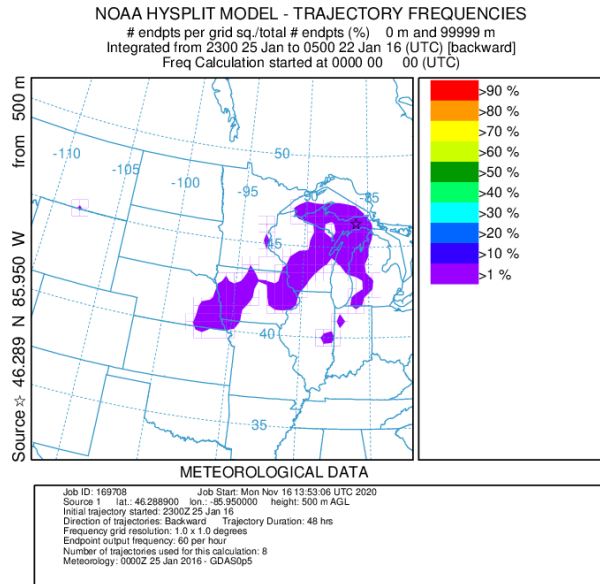
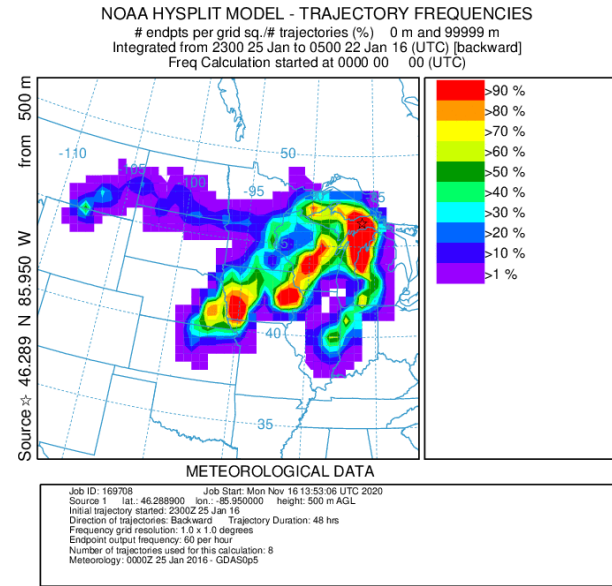
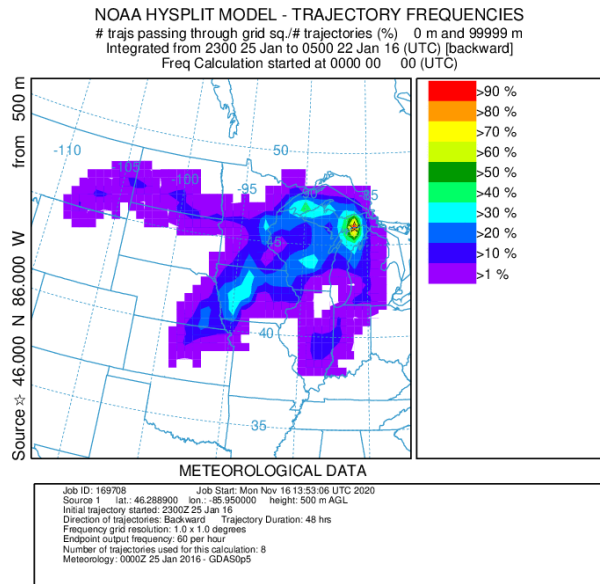
Job ID: 149692 Job Start: Tue Nov 17 15:18:15 UTC 2020  
Source 1 lat: 35.633400 lon: -83.941600 height: 500 m AGL  
Initial trajectory started: 2300Z 26 Nov 16  
Direction of trajectories: Backward Trajectory Duration: 48 hrs  
Frequency grid resolution: 1.0 x 1.0 degrees  
Endpoint output frequency: 60 per hour  
Number of trajectories used for this calculation: 8  
Meteorology: 0000Z 26 Nov 2016 - GDAS0p5

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January 7<sup>th</sup>, 2016

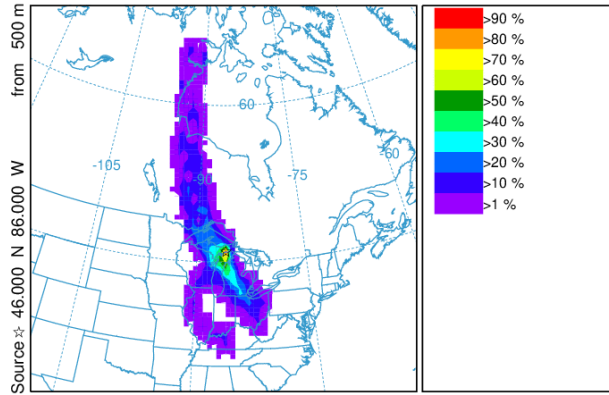


January 25<sup>th</sup>, 2016



February 15<sup>th</sup>, 2016

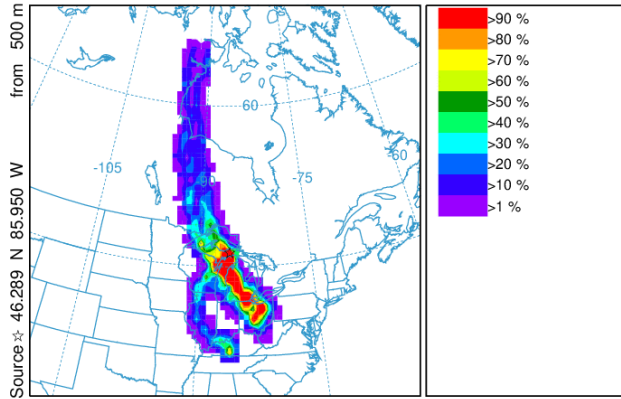
NOAA HYSPLIT MODEL - TRAJECTORY FREQUENCIES  
# trajs passing through grid sq./# trajectories (%) 0 m and 99999 m  
Integrated from 2300 15 Feb to 0500 12 Feb 16 (UTC) [backward]  
Freq Calculation started at 0000 00 00 (UTC)



METEOROLOGICAL DATA

Job ID: 170666 Job Start: Mon Nov 16 14:03:04 UTC 2020  
Source 1 lat: 46.288900 lon: -85.950000 height: 500 m AGL  
Initial trajectory started: 2300Z 15 Feb 16  
Direction of trajectories: Backward Trajectory Duration: 48 hrs  
Frequency grid resolution: 1.0 x 1.0 degrees  
Endpoint output frequency: 60 per hour  
Number of trajectories used for this calculation: 8  
Meteorology: 0000Z 15 Feb 2016 - GDAS0p5

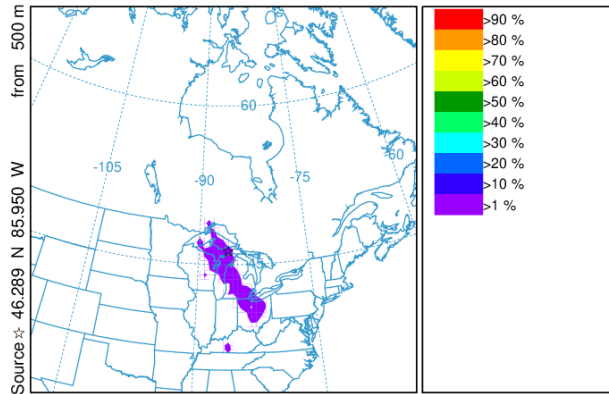
NOAA HYSPLIT MODEL - TRAJECTORY FREQUENCIES  
# endpts per grid sq./# trajectories (%) 0 m and 99999 m  
Integrated from 2300 15 Feb to 0500 12 Feb 16 (UTC) [backward]  
Freq Calculation started at 0000 00 00 (UTC)



METEOROLOGICAL DATA

Job ID: 170666 Job Start: Mon Nov 16 14:03:04 UTC 2020  
Source 1 lat: 46.288900 lon: -85.950000 height: 500 m AGL  
Initial trajectory started: 2300Z 15 Feb 16  
Direction of trajectories: Backward Trajectory Duration: 48 hrs  
Frequency grid resolution: 1.0 x 1.0 degrees  
Endpoint output frequency: 60 per hour  
Number of trajectories used for this calculation: 8  
Meteorology: 0000Z 15 Feb 2016 - GDAS0p5

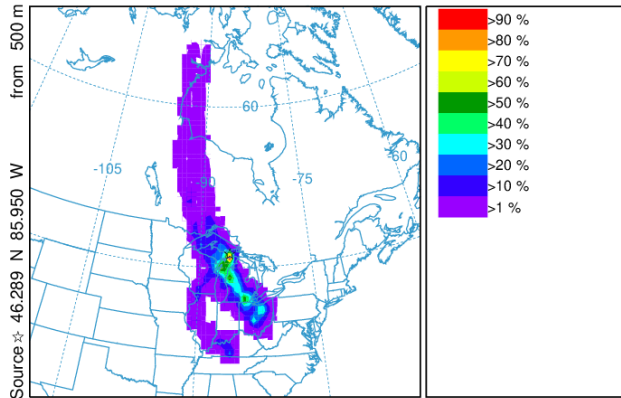
NOAA HYSPLIT MODEL - TRAJECTORY FREQUENCIES  
# endpts per grid sq./total # endpts (%) 0 m and 99999 m  
Integrated from 2300 15 Feb to 0500 12 Feb 16 (UTC) [backward]  
Freq Calculation started at 0000 00 00 (UTC)



METEOROLOGICAL DATA

Job ID: 170666 Job Start: Mon Nov 16 14:03:04 UTC 2020  
Source 1 lat: 46.288900 lon: -85.950000 height: 500 m AGL  
Initial trajectory started: 2300Z 15 Feb 16  
Direction of trajectories: Backward Trajectory Duration: 48 hrs  
Frequency grid resolution: 1.0 x 1.0 degrees  
Endpoint output frequency: 60 per hour  
Number of trajectories used for this calculation: 8  
Meteorology: 0000Z 15 Feb 2016 - GDAS0p5

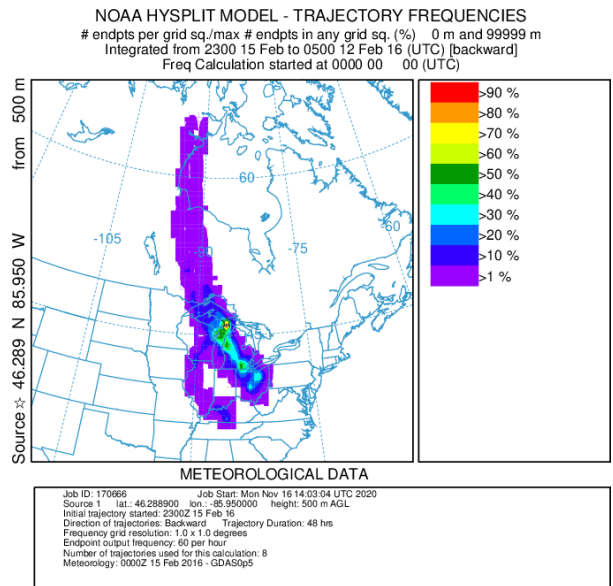
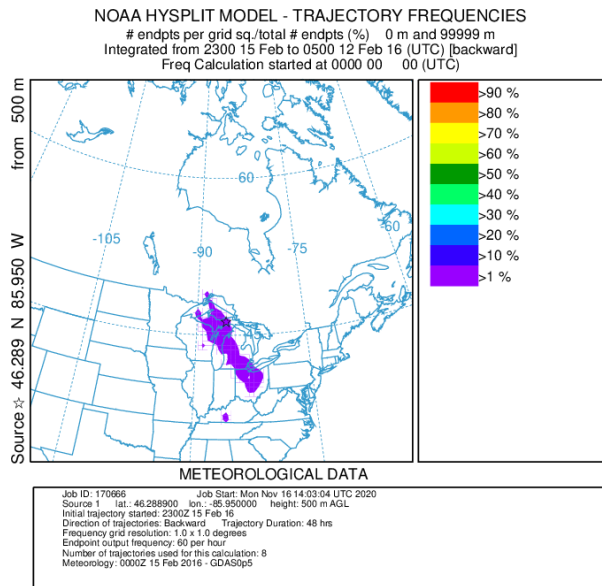
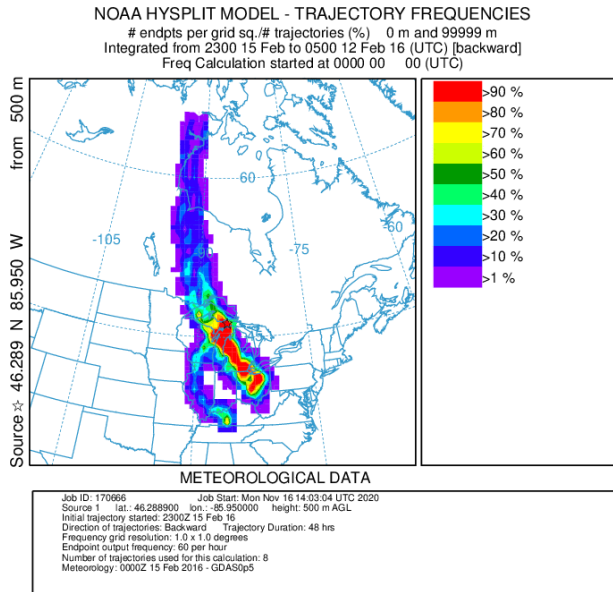
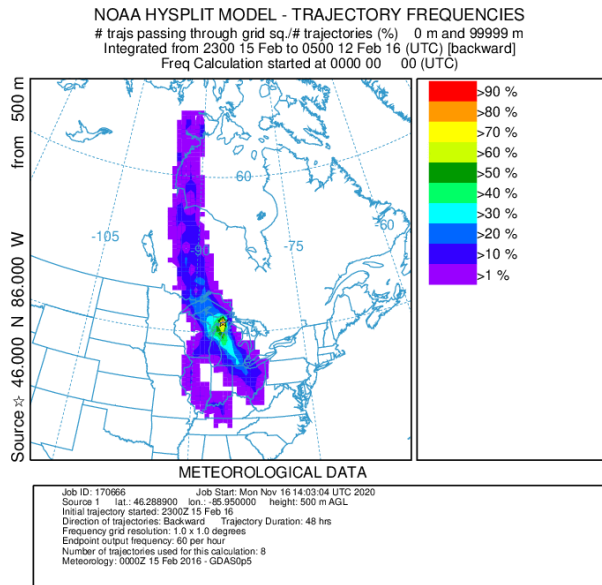
NOAA HYSPLIT MODEL - TRAJECTORY FREQUENCIES  
# endpts per grid sq./max # endpts in any grid sq. (%) 0 m and 99999 m  
Integrated from 2300 15 Feb to 0500 12 Feb 16 (UTC) [backward]  
Freq Calculation started at 0000 00 00 (UTC)



METEOROLOGICAL DATA

Job ID: 170666 Job Start: Mon Nov 16 14:03:04 UTC 2020  
Source 1 lat: 46.288900 lon: -85.950000 height: 500 m AGL  
Initial trajectory started: 2300Z 15 Feb 16  
Direction of trajectories: Backward Trajectory Duration: 48 hrs  
Frequency grid resolution: 1.0 x 1.0 degrees  
Endpoint output frequency: 60 per hour  
Number of trajectories used for this calculation: 8  
Meteorology: 0000Z 15 Feb 2016 - GDAS0p5

March 7<sup>th</sup>, 2016

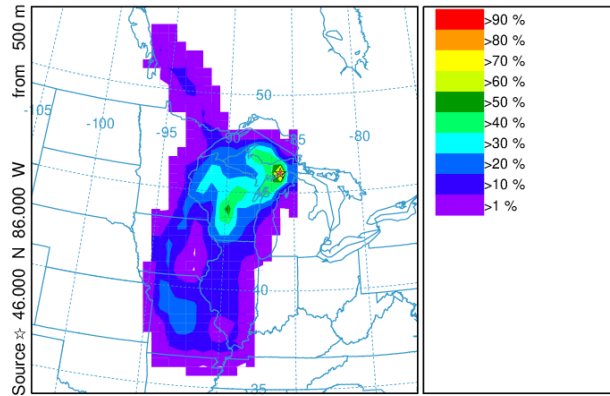




April 6<sup>th</sup>, 2016

NOAA HYSPLIT MODEL - TRAJECTORY FREQUENCIES

# trajs passing through grid sq./# trajectories (%) 0 m and 99999 m  
Integrated from 2300 07 Mar to 0500 04 Mar 16 (UTC) [backward]  
Freq Calculation started at 0000 00 00 (UTC)

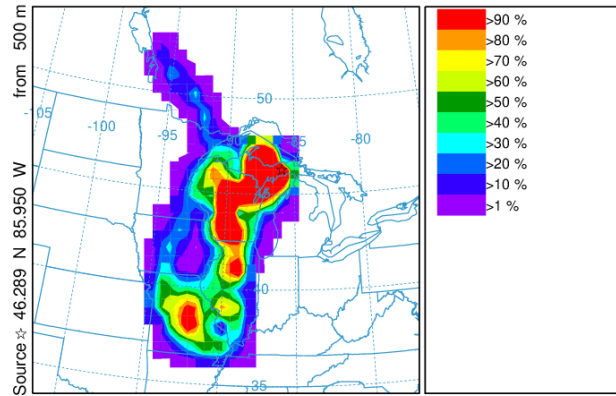


METEOROLOGICAL DATA

Job ID: 171149 Job Start: Mon Nov 16 14:11:36 UTC 2020  
Source 1 lat: 46.288900 lon: -85.950000 height: 500 m AGL  
Initial trajectory started: 2300Z 07 Mar 16  
Direction of trajectories: Backward Trajectory Duration: 48 hrs  
Frequency grid resolution: 1.0 x 1.0 degrees  
Endpoint output frequency: 60 per hour  
Number of trajectories used for this calculation: 8  
Meteorology: 0000Z 7 Mar 2016 - GDAS0p5

NOAA HYSPLIT MODEL - TRAJECTORY FREQUENCIES

# endpts per grid sq./# trajectories (%) 0 m and 99999 m  
Integrated from 2300 07 Mar to 0500 04 Mar 16 (UTC) [backward]  
Freq Calculation started at 0000 00 00 (UTC)

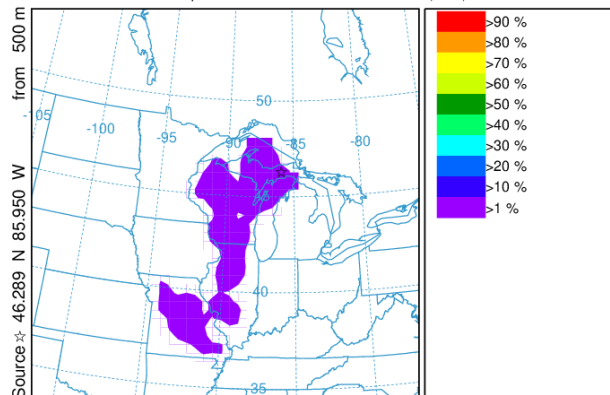


METEOROLOGICAL DATA

Job ID: 171149 Job Start: Mon Nov 16 14:11:36 UTC 2020  
Source 1 lat: 46.288900 lon: -85.950000 height: 500 m AGL  
Initial trajectory started: 2300Z 07 Mar 16  
Direction of trajectories: Backward Trajectory Duration: 48 hrs  
Frequency grid resolution: 1.0 x 1.0 degrees  
Endpoint output frequency: 60 per hour  
Number of trajectories used for this calculation: 8  
Meteorology: 0000Z 7 Mar 2016 - GDAS0p5

NOAA HYSPLIT MODEL - TRAJECTORY FREQUENCIES

# endpts per grid sq./total # endpts (%) 0 m and 99999 m  
Integrated from 2300 07 Mar to 0500 04 Mar 16 (UTC) [backward]  
Freq Calculation started at 0000 00 00 (UTC)

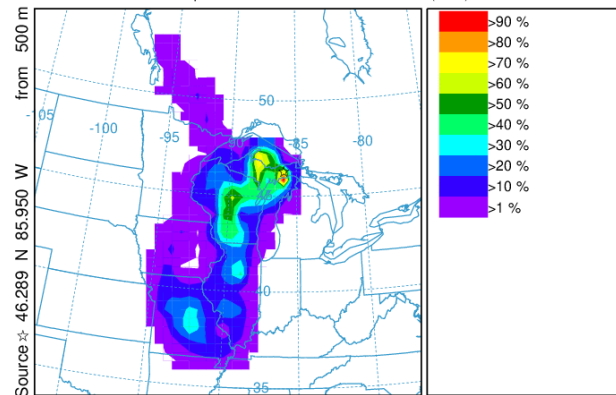


METEOROLOGICAL DATA

Job ID: 171149 Job Start: Mon Nov 16 14:11:36 UTC 2020  
Source 1 lat: 46.288900 lon: -85.950000 height: 500 m AGL  
Initial trajectory started: 2300Z 07 Mar 16  
Direction of trajectories: Backward Trajectory Duration: 48 hrs  
Frequency grid resolution: 1.0 x 1.0 degrees  
Endpoint output frequency: 60 per hour  
Number of trajectories used for this calculation: 8  
Meteorology: 0000Z 7 Mar 2016 - GDAS0p5

NOAA HYSPLIT MODEL - TRAJECTORY FREQUENCIES

# endpts per grid sq./max # endpts in any grid sq. (%) 0 m and 99999 m  
Integrated from 2300 07 Mar to 0500 04 Mar 16 (UTC) [backward]  
Freq Calculation started at 0000 00 00 (UTC)

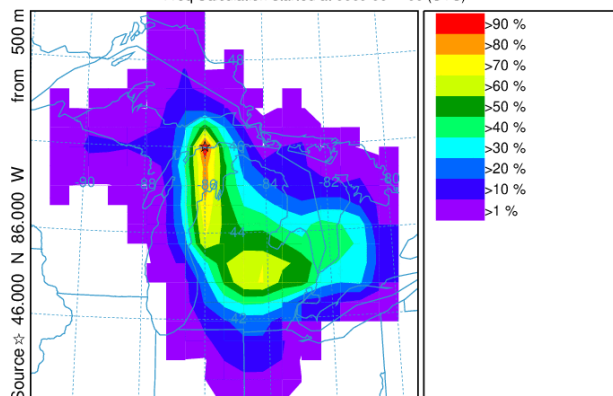


METEOROLOGICAL DATA

Job ID: 171149 Job Start: Mon Nov 16 14:11:36 UTC 2020  
Source 1 lat: 46.288900 lon: -85.950000 height: 500 m AGL  
Initial trajectory started: 2300Z 07 Mar 16  
Direction of trajectories: Backward Trajectory Duration: 48 hrs  
Frequency grid resolution: 1.0 x 1.0 degrees  
Endpoint output frequency: 60 per hour  
Number of trajectories used for this calculation: 8  
Meteorology: 0000Z 7 Mar 2016 - GDAS0p5

April 15<sup>th</sup>, 2016

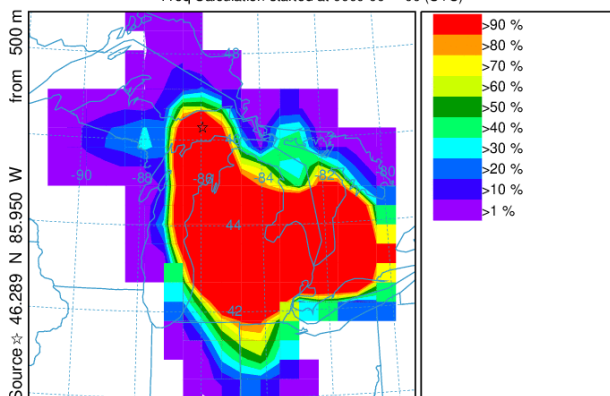
NOAA HYSPLIT MODEL - TRAJECTORY FREQUENCIES  
# trajs passing through grid sq./# trajectories (%) 0 m and 99999 m  
Integrated from 2300 15 Apr to 0500 12 Apr 16 (UTC) [backward]  
Freq Calculation started at 0000 00 00 (UTC)



METEOROLOGICAL DATA

Job ID: 173175 Job Start: Mon Nov 16 14:40:31 UTC 2020  
Source 1 lat: 46.288900 lon: -85.950000 height: 500 m AGL  
Initial trajectory started: 2300Z 15 Apr 16  
Direction of trajectories: Backward Trajectory Duration: 48 hrs  
Frequency grid resolution: 1.0 x 1.0 degrees  
Endpoint output frequency: 60 per hour  
Number of trajectories used for this calculation: 8  
Meteorology: 0000Z 15 Apr 2016 - GDAS0p6

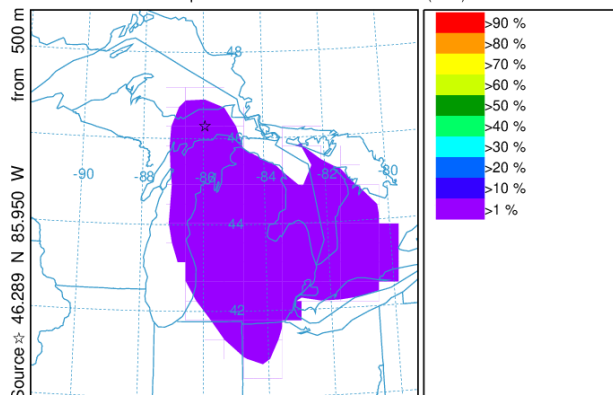
NOAA HYSPLIT MODEL - TRAJECTORY FREQUENCIES  
# endpts per grid sq./# trajectories (%) 0 m and 99999 m  
Integrated from 2300 15 Apr to 0500 12 Apr 16 (UTC) [backward]  
Freq Calculation started at 0000 00 00 (UTC)



METEOROLOGICAL DATA

Job ID: 173175 Job Start: Mon Nov 16 14:40:31 UTC 2020  
Source 1 lat: 46.288900 lon: -85.950000 height: 500 m AGL  
Initial trajectory started: 2300Z 15 Apr 16  
Direction of trajectories: Backward Trajectory Duration: 48 hrs  
Frequency grid resolution: 1.0 x 1.0 degrees  
Endpoint output frequency: 60 per hour  
Number of trajectories used for this calculation: 8  
Meteorology: 0000Z 15 Apr 2016 - GDAS0p6

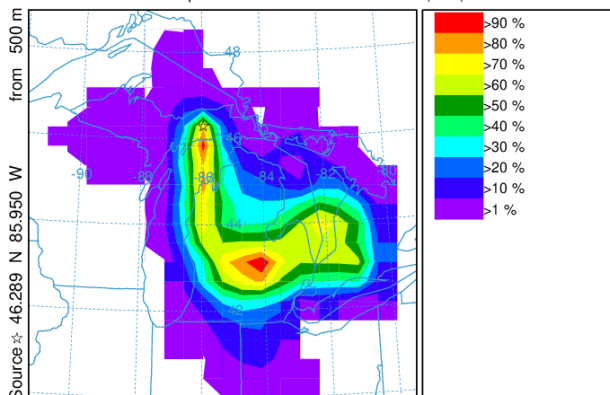
NOAA HYSPLIT MODEL - TRAJECTORY FREQUENCIES  
# endpts per grid sq./total # endpts (%) 0 m and 99999 m  
Integrated from 2300 15 Apr to 0500 12 Apr 16 (UTC) [backward]  
Freq Calculation started at 0000 00 00 (UTC)



METEOROLOGICAL DATA

Job ID: 173175 Job Start: Mon Nov 16 14:40:31 UTC 2020  
Source 1 lat: 46.288900 lon: -85.950000 height: 500 m AGL  
Initial trajectory started: 2300Z 15 Apr 16  
Direction of trajectories: Backward Trajectory Duration: 48 hrs  
Frequency grid resolution: 1.0 x 1.0 degrees  
Endpoint output frequency: 60 per hour  
Number of trajectories used for this calculation: 8  
Meteorology: 0000Z 15 Apr 2016 - GDAS0p6

NOAA HYSPLIT MODEL - TRAJECTORY FREQUENCIES  
# endpts per grid sq./max # endpts in any grid sq. (%) 0 m and 99999 m  
Integrated from 2300 15 Apr to 0500 12 Apr 16 (UTC) [backward]  
Freq Calculation started at 0000 00 00 (UTC)



METEOROLOGICAL DATA

Job ID: 173175 Job Start: Mon Nov 16 14:40:31 UTC 2020  
Source 1 lat: 46.288900 lon: -85.950000 height: 500 m AGL  
Initial trajectory started: 2300Z 15 Apr 16  
Direction of trajectories: Backward Trajectory Duration: 48 hrs  
Frequency grid resolution: 1.0 x 1.0 degrees  
Endpoint output frequency: 60 per hour  
Number of trajectories used for this calculation: 8  
Meteorology: 0000Z 15 Apr 2016 - GDAS0p6