

Welcome to the 2022 Online HYSPLIT Workshop (DAY 3 of 4)

The broadcast is scheduled to start at:
09:00 Eastern Daylight Time (EDT) = 13:00 UTC

Workshop Web Page:

https://www.ready.noaa.gov/register/HYSPLIT_hyagenda.php

NOAA Air Resources Laboratory
June 14-17, 2022

**Workshop guidance
and resources posted at
[Workshop Web Page](#)**

**`https://www.ready.noaa.gov/
register/HYSPLIT_hyagenda.php`**

We will update this page each day to include any new materials or links that are relevant to the Workshop

https://www.ready.noaa.gov/register/HYSPLIT_hyagenda.php

▶ **Installation Day (Mon, June 13)**

▶ [Installation day introduction](#)

▶ [Workshop video recording installation day \(MP4, 266 MB\)](#) and [unfinished transcript \(TEXT, 49 KB\)](#). The transcript is machine-generated and contains inaccurate captions. See the above paragraph on how to download the video file.

▶ **Workshop Day 1 (Tue, June 14)**

▶ [Day 1 handout \(PDF, 4.7 MB\)](#).

▶ [Trajectory equation \(PDF, 0.2 MB\)](#).

▶ [Day 1 wrap-up \(PDF, 5.1 MB\)](#) without animations. [Day 1 wrap-up \(PPTX, 9.2 MB\)](#) with animations.

▶ [Workshop video recording for day 1 \(MP4, 984 MB\)](#) and [unfinished transcript \(TEXT, 213 KB\)](#). The transcript is machine-generated and contains inaccurate captions. See the above on how to download the video file.

▶ **Workshop Day 2 (Wed, June 15)**

▶ [Day 2 handout \(PDF, 4.8 MB\)](#).

▶ [Day 2 wrap-up \(PDF, 2.8 MB\)](#) without animations and [Day 2 wrap-up \(PPTX, 3.0 MB\)](#) with animations.

▶ [Workshop video recording for day 2 \(MP4, 0.99 GB\)](#). The transcript is being generated and it will be posted here when it becomes available to download the video file.

▶ **Workshop Day 3 (Thr, June 16)**

The exec/statmain executable in HYSPLIT v5.2.1 does not work correctly. Please update it by downloading the zip file matching your operating system and installing statmain to your HYSPLIT exec directory.

▶ Windows users - [fix_win10.zip \(ZIP, 0.5 MB\)](#). Three executable files (including txt2dbf.exe and dbf2txt.exe for shapefile generation) in the HYSPLIT v5.2.1 distribution for Windows are found to be defective.

▶ macOS users - [fix_macOS.zip \(ZIP, 0.3 MB\)](#).

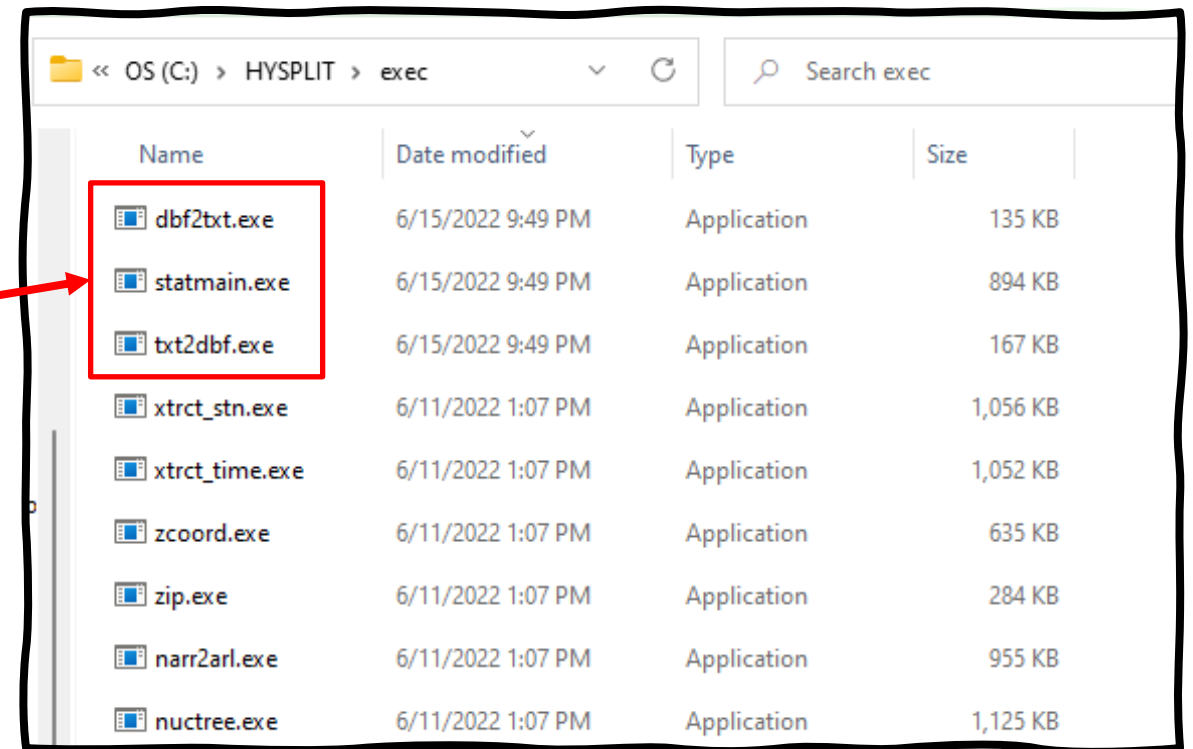
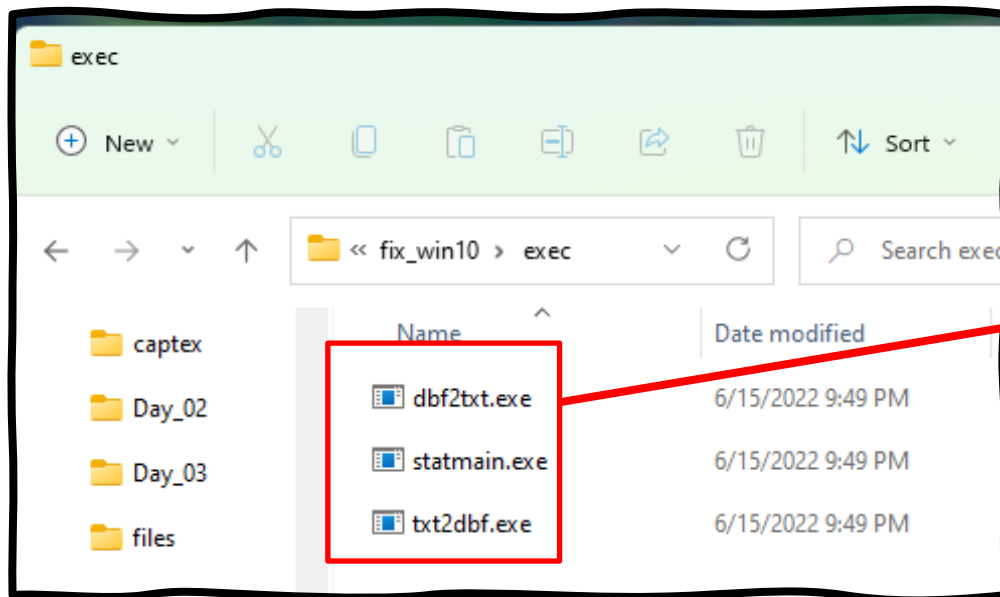
▶ Ubuntu 20.04 users - [fix_UbuntuOS20.04.zip \(ZIP, 29 KB\)](#).

▶ Red Hat Enterprise Linux 8 / CentOS 8 users - [fix_RHEL8.5.zip \(ZIP, 29 KB\)](#).

▶ Red Hat Enterprise Linux 7 / CentOS 7 users - [fix_CentOS7.9.zip \(ZIP, 28 KB\)](#).

Apply "Hot fix"

- Download and unzip new files, e.g., "fix_win10.zip"
- Copy 3 new files into HYSPLIT/exec directory
- Overwrite the 3 files with the same name that are already there



2022 HYSPLIT Workshop Schedule

Subject to change, depending on the progression of the course and at the discretion of the instructors

UTC	Eastern Daylight Time	Monday June 13, 2022	Tuesday June 14, 2022	Wednesday June 15, 2022	Thursday June 16, 2021	Friday June 17, 2021
13:00 - 14:00	9:00 - 10:00	OPTIONAL* 1a. Installing HYSPLIT on Windows PC	Introduction	Introduction	Introduction	Introduction
		Break	3. Gridded Meteorological Data Files	7. Air Concentration calculations	11. Pollutant transformations and deposition	15. Radioactive pollutants and dose
14:00 - 15:00	10:00 - 11:00	OPTIONAL* 1b. Installing HYSPLIT on MAC	Break	Break	Break	Break
		Break	4. Trajectory Calculations	8. Configuring the CAPTEX simulation	12. Air Concentration Uncertainty	16. Volcanic eruptions with gravitational settling
15:00 - 16:00	11:00 - 12:00	<i>One-on-one virtual installation sessions, by appointment</i>	Break	Break	Break	Break
16:00 - 17:00	12:00 - 13:00	<i>One-on-one virtual installation sessions, by appointment</i>	5. Trajectory Options	9. Air concentration parameter sensitivity	13. Source Attribution Methods	17. Custom Simulations
17:00 - 18:00	13:00 - 14:00	<i>One-on-one virtual installation sessions, by appointment</i>	Break	Break	Break	Break
18:00 - 19:00	14:00 - 15:00	<i>One-on-one virtual installation sessions, by appointment</i>	6. Trajectory Statistics	10. Alternate display options	14a. Wildfire Smoke	Final Questions and Course Wrap-Up
19:00 - 20:00	15:00 - 16:00	<i>One-on-one virtual installation sessions, by appointment</i>	Day 1 Wrap-Up	Day 2 Wrap Up	14b. Dust Storms	
20:00 - 21:00	16:00 - 17:00	<i>One-on-one virtual installation sessions, by appointment</i>			Day 3 Wrap Up	

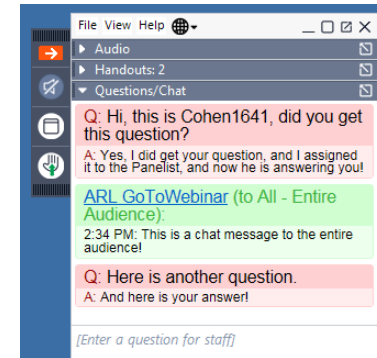
Agenda – Day 3

UTC	EDT	Agenda Item
13:00 – 13:15	09:00 – 09:15	Introduction to Day 3
13:15 – 14:15	09:15 – 10:15	11. Pollutant Transformations and deposition
14:15 – 14:30	10:15 – 10:30	Break
14:30 – 16:00	10:30 – 12:00	12. Air Concentration Uncertainty
16:00 – 17:00	12:00 – 13:00	Break
17:00 – 18:45	13:00 – 14:45	13. Source Attribution Methods
18:45 – 19:00	14:45 – 15:00	Break
19:00 – 19:45	15:00 – 15:45	14a. Wildfire Smoke
19:45 – 20:30	15:45 – 16:30	14b. Dust Storms
20:30 – 20:45	16:30 – 16:45	Day 3 Wrap-up / questions

Asking Questions

- Ask general or logistical questions about the Webinar or Go-to-Webinar in the Control Panel that was just discussed

...if viewing a recording, can ask general questions by emailing arl.webmaster@noaa.gov



- Whether *viewing a recording or participating in the Workshop live*, ask questions about HYSPLIT and the Tutorial in the HYSPLIT Forum

<https://hysplitbbs.arl.noaa.gov/viewforum.php?f=76>

phpBB® creating communities

Quick links FAQ

[Register](#) [Login](#)

Board index < HYSPLIT Workshop < 2022 HYSPLIT Workshop Questions

2022 HYSPLIT Workshop Questions

FORUM	TOPICS	POSTS	LAST POST
1. Installing HYSPLIT	1	4	Re: GUI screen is black by sonny.zinn June 8th, 2022, 6:44 am
2. Testing the installation	0	0	No posts
3. Gridded meteorological data files	0	0	No posts
4. Trajectory calculations	0	0	No posts

Asking Questions

- Whether *viewing a recording or participating in the Workshop live*, ask questions about HYSPLIT and the Tutorial in the HYSPLIT Forum

<https://hysplitbbs.arl.noaa.gov/viewforum.php?f=83>



The screenshot shows the HYSPLIT Forum interface. At the top, there is a blue header with the phpBB logo and the forum name 'HYSPLIT Forum: hysplitbbs.arl.noaa.gov'. Below the header, there are navigation links for 'Quick links' and 'FAQ', and buttons for 'Register' and 'Login'. The breadcrumb trail indicates the current location: 'Board index < HYSPLIT Workshop < 2022 HYSPLIT Workshop Questions < 7. Air concentration calculations'. The main content area is titled '7. Air concentration calculations' and shows a list of 5 topics. Each topic entry includes a topic title, the author, the date and time of the last post, the number of replies, and the number of views. The topics listed are: 'Spacing Lat, Lon' (1 reply, 23 views), 'Dispersion within an urban area' (1 reply, 19 views), 'Trajectory of concentrations versus trajectory itself' (2 replies, 26 views), 'Particles versus gases' (1 reply, 35 views), and 'Height of levels - grid setup vs concentration setup' (1 reply, 29 views).

TOPICS	REPLIES	VIEWS	LAST POST
Spacing Lat, Lon by SoledadOsores » June 15th, 2022, 1:30 pm	1	23	by Miguel Cahuich June 15th, 2022, 4:09 pm
Dispersion within an urban area by sahil.bhandari » June 15th, 2022, 11:29 am	1	19	by Fantine June 15th, 2022, 11:43 am
Trajectory of concentrations versus trajectory itself by sahil.bhandari » June 15th, 2022, 11:02 am	2	26	by sahil.bhandari June 15th, 2022, 11:21 am
Particles versus gases by sahil.bhandari » June 15th, 2022, 9:28 am	1	35	by alicec June 15th, 2022, 10:13 am
Height of levels - grid setup vs concentration setup by robynhall » June 15th, 2022, 9:53 am	1	29	by Fantine June 15th, 2022, 10:04 am

Quick Recap of Logistics

- **General questions:**
 - use Go-to-Webinar Question box and we will do our best to answer
 - We are not using the “raise hand” feature for questions
- **Detailed questions, e.g., about the model:**
 - use the HYSPLIT Forum
 - if haven’t already, “register” in upper right corner of Forum web page
- **Handouts:**
 - Other documents – e.g., this presentation – provided as Handouts in Go-to-Webinar and also on the Workshop Web Page
- **Recordings:**
 - Each day’s recording will be posted to the Workshop Web Page as soon as it is ready, generally 4-8 hours after the day’s session ends.
- **If not installed, or if get too far behind:**
 - Perfectly ok to view one or more sessions as “demonstrations” and then go back and do the sessions on your own. The Tutorial is designed to be done on one’s own in self-paced environment.