Day 1 – Wrap Up

- **Recordings will take significant time to process** – maybe 4+ hours or more from when this session ends.

- **Information on viewing the videos is on the Workshop Web Page, and in the Handout *Workshop_Intro_Day_01.pdf***

- **Workshop guidance and resources posted at Workshop Web Page**

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

Day 1 – Wrap Up

- **Workshop Web Page**

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

Air Resources Laboratory

Advancing Atmospheric Science and Technology through Research

ARL Home > READY > Transport & Dispersion Modeling > HYSPLIT > HYSPLIT Workshop Agenda

2021 Online HYSPLIT Workshop

Hosted by NOAA's Air Resources Laboratory

Workshop. A four-day HYSPLIT workshop will be given online from June 15 to 18, 2021. Monday, June 14, is set aside as a preworkshop day for illustrating HYSPLIT installation and answering installation questions. The virtual workshop will be focused on the use of the most recent version of the model on the PC/Mac and its Graphical User Interface (GUI). The Workshop (Detailed Agenda) is designed to be "hands-on", with participants following along and carrying out HYSPLIT modeling on their own local computers. No prior modeling or experience with HYSPLIT is required. An overview of the installation, model GUI, meteorological display programs, and extensive training on how to solve atmospheric dispersion problems will be presented. As the Workshop proceeds, several real-world examples of increasing complexity will be explored. Participants will be encouraged to install the model and download course materials prior to attending, and instructions are provided below.

Registration.

- Advance registration is required. We regret to say that we have reached the participant limit and registration is now closed.
- For those unable to participate because of our attendance limitations, the material taught in the Workshop is both online and downloadable [HYSPLIT Tutorials] and is designed to be carried out independently in a self-paced fashion.

Cancellation. If your status for the Workshop is "Confirmed Participant" and you decide not to attend, please cancel your registration, to make room for others, by emailing arl.webmaster@noaa.gov.

Day 1 – Wrap Up

- **Workshop Web Page**

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

Workshop Logistics

Guidance for Participants who are Live-Streaming. A Live-Stream Event Guide with screenshots has been prepared to assist attendees in their participation within Go-to-Webinar. The guide describes how to ask general questions about the Webinar within Go-to-Webinar, and how to ask technical questions about HYSPLIT and the Tutorial in the HYSPLIT Forum.

- **Webinar Links**: Unique sign-in URL's was emailed to each confirmed participant. These URL's will be unique to each individual and should not be shared.

Guidance for Participants who are viewing recordings. A Recorded Event Guide with screenshots has been prepared to assist attendees who are only viewing the event recordings. To access the recordings, see the section immediately below. The guide describes how to ask general questions about the Webinar, and how to ask technical questions about HYSPLIT and the Tutorial in the HYSPLIT Forum. We will make every effort to respond to questions as soon as possible, but due to differences in time zones, there will be delays in our responses (e.g., we will generally be waiting until the next morning to try to answer questions that arrived at night).

Handouts, Notes, and Recordings. Videos of each day's on-line sessions are being created for review by participants, e.g., for those in time zones that would make online participation difficult. Processing of the videos to make them viewable takes significant time. When the video is posted, the corresponding entry below will become a link. When you click on one of these links, you should be able to view the video directly.

- **Day 1 (Tue, June 15)**
  - Workshop day 1 introduction
  - Workshop video recording day 1 (Not available yet)
- **Day 2 (Wed, June 16)**
  - Workshop video recording day 2 (Not available yet)
- **Day 3 (Thr, June 17)**
  - Workshop video recording day 3 (Not available yet)
- **Day 4 (Fri, June 18)**
  - Workshop video recording day 4 (Not available yet)

Day 1 – Wrap Up

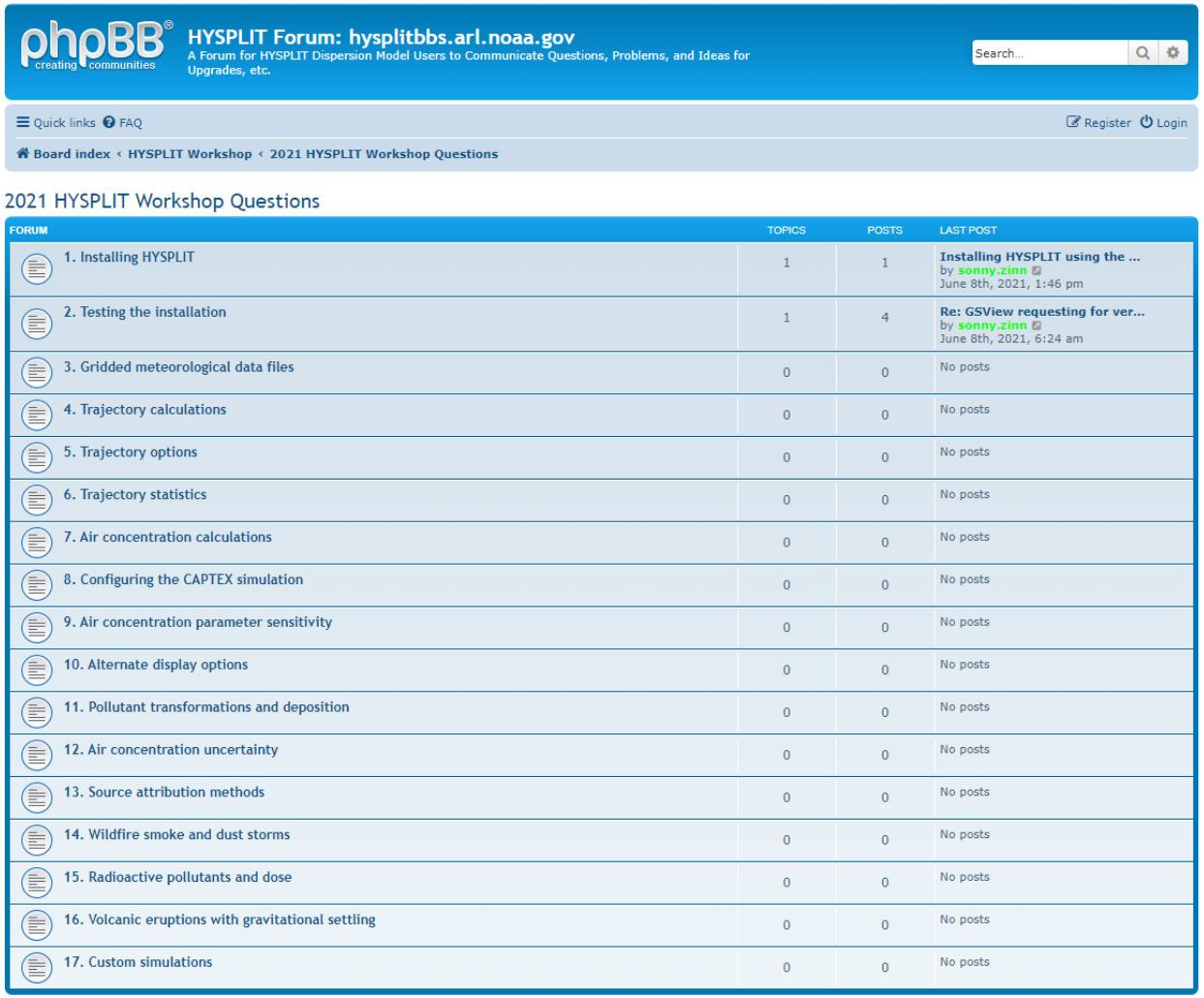
- **Yes, we know it is going fast, and might seem too fast for some**
  - Normally we give Roland the slowest computer possible, but...
  - It *is* hard to listen, watch, and do your own hand's on modeling
  - At some points, ok to watch as "demo" and then you can go back and do sections of Tutorial on your own; the Tutorial is designed to be done independently, and self-paced, so this is ok
  - What you are getting, though, in this Workshop, different from doing the Tutorial on your own, are Roland's insights and guidance. So in some cases, might be best to listen and watch, rather than get too far behind?
  - Also, we are making daily recordings, and you can watch these once they are ready, and you can pause them when you need to catch up

Day 1 – Wrap Up

- **Please ask general questions about the Webinar or Go-to-Webinar in the Control Panel, *but ask HYSPLIT questions in the HYSPLIT Forum***
  - We have responded to a lot of questions posed in the Go-to-Webinar Q/A by asking you to post your question in the HYSPLIT Forum
  - Instructions on how you post a question in the Forum is provided in the Handout ***Workshop_Intro_Day_01.pdf***
  - Please try to post your question in the corresponding part of the Forum – we have a subsection for each Tutorial Section
  - Also, if you get an answer, you can post a quick response in the thread to say it worked! (or not...)

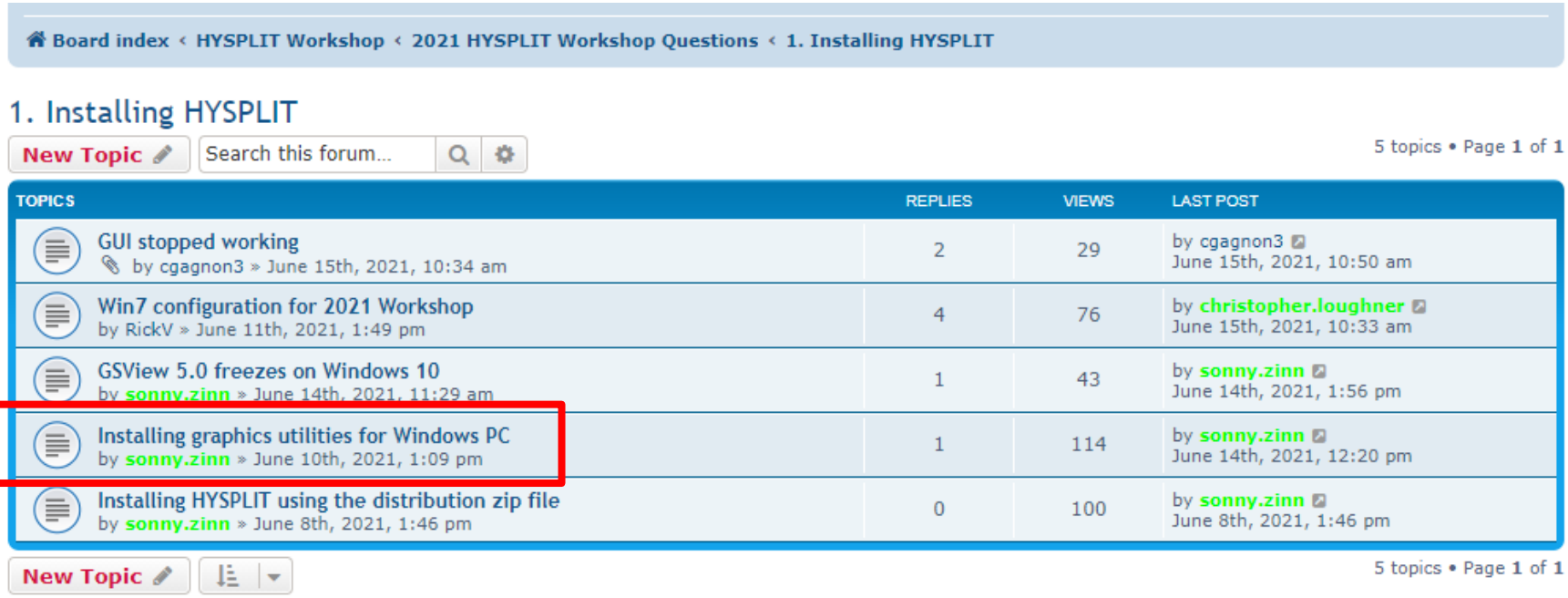
Asking Questions

https://hysplitbbs.arl.noaa.gov/viewforum.php?f=57



You can post your question in the appropriate section, based on where in the Tutorial your question refers to.

Asking Questions



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1. Installing HYSPLIT

New Topic | Search this forum...

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TOPICS	REPLIES	VIEWS	LAST POST
GUI stopped working by cgagnon3 » June 15th, 2021, 10:34 am	2	29	by cgagnon3 June 15th, 2021, 10:50 am
Win7 configuration for 2021 Workshop by RickV » June 11th, 2021, 1:49 pm	4	76	by christopher.loughner June 15th, 2021, 10:33 am
GSView 5.0 freezes on Windows 10 by sonny.zinn » June 14th, 2021, 11:29 am	1	43	by sonny.zinn June 14th, 2021, 1:56 pm
Installing graphics utilities for Windows PC by sonny.zinn » June 10th, 2021, 1:09 pm	1	114	by sonny.zinn June 14th, 2021, 12:20 pm
Installing HYSPLIT using the distribution zip file by sonny.zinn » June 8th, 2021, 1:46 pm	0	100	by sonny.zinn June 8th, 2021, 1:46 pm

New Topic

5 topics • Page 1 of 1

Asking Questions

https://hysplitbbs.arl.noaa.gov/viewtopic.php?f=58&t=2241

Here's an example of one topic, with Q&A

Installing graphics utilities for Windows PC

Post Reply | Search this topic... | 2 posts • Page 1 of 1

Installing graphics utilities for Windows PC

by sonny.zinn » June 10th, 2021, 1:09 pm

HYSPLIT depends on four third-party software programs for graphics. They are tcl/tk, Ghostscript, GSView, and ImageMagick. Before downloading them from their respective websites, please read https://www.ready.noaa.gov/documents/Tu ... l_win.html and https://www.ready.noaa.gov/HYSPLIT_util.php. This is because there are version requirements. Install the programs following the Tutorial.

The Ghostscript, GSView, and ImageMagick programs are installed by executing their corresponding installer programs. This will require administrator privilege so you may need help from your IT department. Once installed they will be at:

C:\Program Files\gs\gs9.52
C:\Program Files\Ghostgum\gsview
C:\Program Files\ImageMagick

The tcl/tk program may be placed to

C:\ActiveTcl (or C:\tcl)

so that C:\ActiveTcl\bin\wish86t.exe is found.

sonny.zinn
Posts: 104
Joined: May 8th, 2019, 1:31 pm
Registered HYSPLIT User: Yes

Re: Installing graphics utilities for Windows PC

by sonny.zinn » June 14th, 2021, 12:20 pm

Below are links *arranged in order* to download graphical utilities for Windows PC:

1) Ghostscript 9.52 - download and install the gs952w64.exe from https://github.com/ArtifexSoftware/ghos ... /tag/gs952 (accessed 14 JUN 2021). Other files may work but gs952w64.exe is the one that was tested at ARL.

2) GSView 5.0 - download and install gsv50w64.exe from http://www.ghostgum.com.au/software/gsview.htm (accessed 14 JUN 2021). This must be installed after Ghostscript. If you reinstalled Ghostscript after GSView is installed, you will need to uninstall and reinstall GSView.

3) ImageMagick - download and install ImageMagick-7.1.0-0-Q16-HDRI-x64-dll.exe at https://imagemagick.org/script/download.php (accessed 14 JUN 2021). Ensure to select the "Install Legacy Utilities" option at one of the installation screens.

sonny.zinn
Posts: 104
Joined: May 8th, 2019, 1:31 pm
Registered HYSPLIT User: Yes

Post Reply | 2 posts • Page 1 of 1

Day 1 – Wrap Up

- **Why are we asking you to use the HYSPLIT Forum?**
  - You can ask detailed questions, and can attach screen shots, CONTROL files, etc.
  - We can provide more detailed answers
  - There can be an exchange back and forth, if needed
  - Can see other questions – in case you have a similar question
  - We can give you a link to the answer to a similar question
  - Accessible to people just viewing the recordings
  - Moving forward, as someone in the HYSPLIT user community, we really want you to use the Forum for questions. If someone emails us a question, and we answer it, it only helps that one person. But if the question is asked and answered in the Forum, it can help many

Agenda – Day 1

UTC	EDT	Agenda Item
13:00 – 13:15	09:00 – 09:15	Welcome, Introduction and Logistics
13:15 – 14:00	09:15 – 10:00	1. Installing HYSPLIT
14:00 – 14:10	10:00 – 10:10	Break
14:10 – 14:50	10:10 – 10:50	2. Testing the installation
14:50 – 15:00	10:50 – 11:00	Break
15:00 – 15:45	11:00 – 11:45	3. Gridded meteorological data sets
15:45 – 16:30	11:45 – 12:30	Break
16:30 – 18:00	12:30 – 14:00	4. Trajectory calculations
18:00 – 18:15	14:00 – 14:15	Break
18:15 – 19:30	14:15 – 15:30	5. Trajectory options
19:30 – 19:40	15:30 – 15:40	Break
19:40 – 20:45	15:40 – 16:45	6. Trajectory statistics
20:45 – 21:00	16:45 – 17:00	First day wrap-up

Note: all times are approximate

Agenda – Day 2

UTC	EDT	Agenda Item
13:00 – 13:15	09:00 – 09:15	Comments / questions from previous day
13:15 – 14:45	09:15 – 10:45	7. Air Concentration Calculations
14:45 – 15:00	10:45 – 11:00	Break
15:00 – 16:30	11:00 – 12:30	8. Configuring the CAPTEX simulation
16:30 – 17:30	12:30 – 13:30	Break
17:30 – 19:00	13:30 – 15:00	9. Air Concentration Parameter Sensitivity
19:00 – 19:15	15:00 – 15:15	Break
19:15 – 20:00	15:15 – 16:00	10. Alternate Display Options
20:00 – 20:45	16:00 – 16:45	11. Pollutant Transformations and deposition *(start this section if time permits)*
20:45 – 21:00	16:45 – 17:00	Second day wrap-up / questions

Note: all times are approximate