

Where to Go & What to Do Next

OSG User School 2019 – Friday afternoon

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OSG User School Director
OSG Deputy Executive Director



Getting Resources

Options for Resources

- Your own lab
 - ▶ Start a small cluster with workstations
 - ▶ Can grow or merge with others
- Your own university (or institution)
 - ▶ No cluster? Talk to your CIO
 - ▶ Get others interested and petition
- Collaborators (ask nicely)
- OSG (via OSG Connect)

Using OSG

- For ~1 year, you may use learn.chtc.wisc.edu
- **OSG Connect**
 - ▶ **training** account will exist for ~1 month
 - ▶ Apply for persistent account any time (next)
- Look for an existing organizational submit pt.
 - ▶ Any good fits?
 - ▶ Ask us if you can't find one that should exist
- Create an organizational submit point? tl;dr: **no**
 - ▶ Not for a single person, but for a group...
 - ▶ Takes time, expertise, and site acceptance

OSG Connect After the School

- Regular documentation:
<https://support.opensciencegrid.org/support/home>
- s19_* accounts on training.osgconnect.net will expire after about 30 days!
- When you're **READY** for a full account:
 1. Go to <https://osgconnect.net/>
 2. Click "Sign Up/Sign In"
 3. Log in (or create account) with Globus, using an institutional email address, join as your globusid username (rather than a campus or XSEDE username).
 4. After that, Carrie/Christina/Lauren will reply to your account request (say you attended the school!) and approve it after confirming a new (or existing) OSG Connect project for your research group!



Staying in Touch

How to Reach Us

- **For OSG Connect, Connect Client, OSG sites...**
 - ▶ user-support@opensciencegrid.org
 - ▶ Reaches the OSG Research Computing Facilitators
- **For learn, osg-learn, CHTC, and anything else**
 - ▶ user-school@opensciencegrid.org
 - ▶ Reaches Tim and Lauren... & indirectly, many others
- **Any time, for any reason, email us directly:**
 - ▶ Tim Cartwright <cat@cs.wisc.edu>
 - ▶ Lauren Michael <lmichael@wisc.edu>

A Note About Mailing Lists

- We use mailing lists a lot
 - ▶ Esp. **user-school@opensciencegrid.org**
 - ▶ (Which will remain active indefinitely)
- We are not hiding or trying to avoid you!
 - ▶ A list reaches everyone who can help
 - ▶ If (e.g.) I am on vacation, Lauren will reply
 - ▶ Please, please do not hesitate to email us!

Websites

htcondor.org

HTCondor homepage

htcondor.org/manual

HTCondor manual

www.opensciencegrid.org

OSG homepage

support.opensciencegrid.org

Forums, docs, support

osgconnect.net

OSG Connect

chtc.cs.wisc.edu

CHTC Website

chtc.cs.wisc.edu/guides

CHTC How-To Guides

Mailing Lists

user-school@opensciencegrid.org

will remain

help@opensciencegrid.org

general OSG help

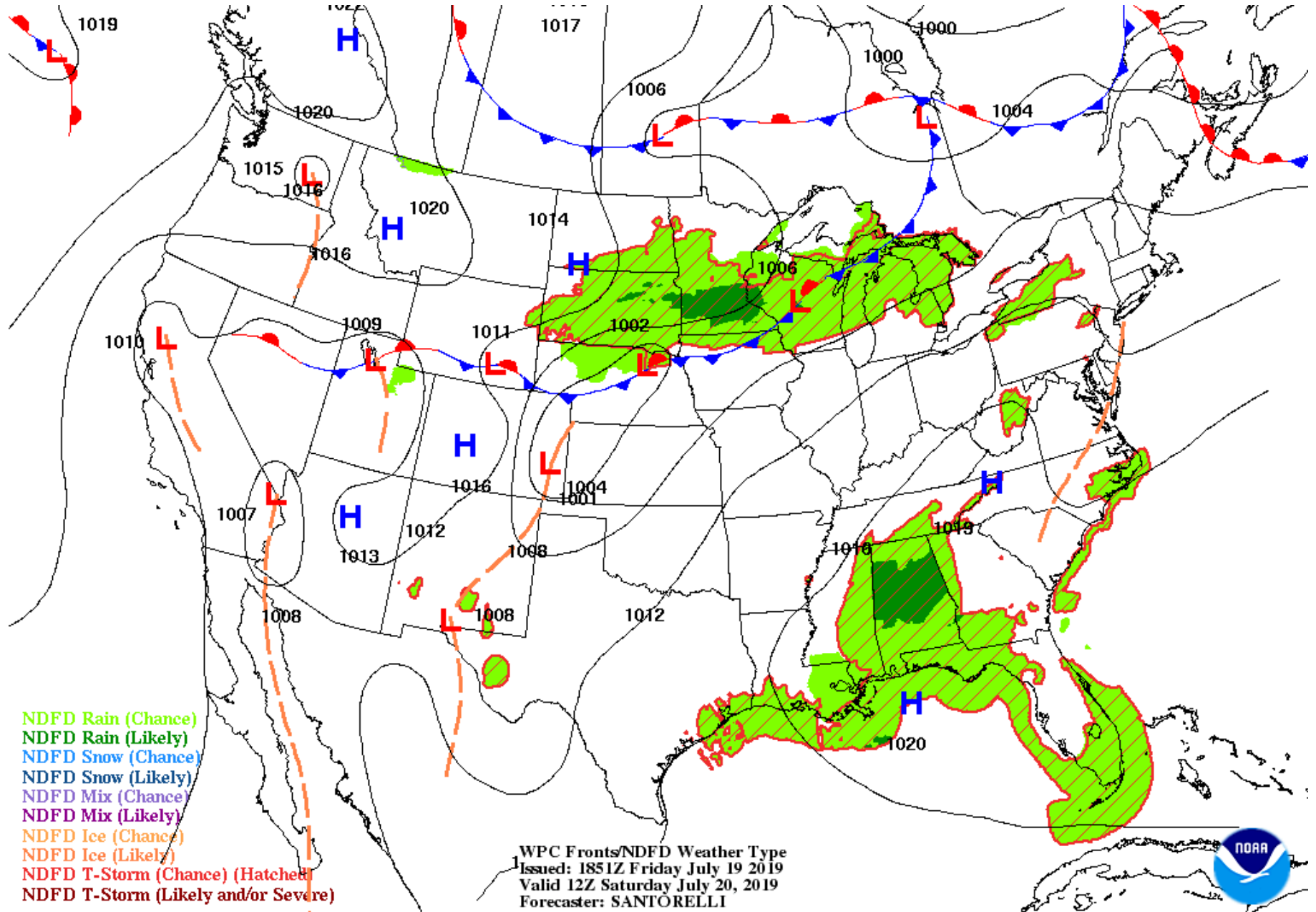
Contacting Other Participants

- OPTIONAL!
- PUBLIC!
- Only share what you are comfortable with
- <https://docs.google.com/spreadsheets/d/17E9DFVq9klmo9-PybyoCZddfslYS-LG5NQPDwfFlCXk/>



Getting Home

Tomorrow Morning...



Flying

- Check flight status **early** and **often**!
- Check **before** you leave
- If there are problems before you leave, you can call FWT or the airline
- Once you are in the airport, you can go to an airline agent, or call the airline, or call FWT
- You can let us (School list) know about changes and problems, but there is little we can do

Travel to the Airport

- Shuttle/taxi groups today – seem to be good
- You may arrive at the airport a bit early ...
- Remember: For a taxi or ride-share, the person who pays should get a receipt and ***write down*** everyone (from the School) who shared the ride



Reimbursements

“I want my two dollars!”

- What can be reimbursed?
 - ▶ Bus fare to/from Madison
 - ▶ Taxi or ride share to/from Madison airport
 - ▶ Driving mileage, *if prearranged*
 - ▶ Dinners (Mon. – Thu.), up to \$27
 - ▶ Other *prearranged* things
 - ▶ Why do we ask for receipts?
- How to get reimbursed?
<https://opensciencegrid.org/user-school-2019/logistics/reimbursements/>



Final Assignment

Goal of Assignment

- Apply new knowledge to your own work
 - ▶ Describe 1 research challenge
 - ▶ Sketch HTC solution
 - ▶ Fill in as many details as possible
 - ▶ Maybe think of it as an informal proposal
- Show us – and others! – what you learned
 - ▶ Help us improve School
 - ▶ Impress your advisor and colleagues
 - ▶ Demonstrate value to funding agencies

Assignment Details

- Full description is posted on the website <https://opensciencegrid.org/user-school-2019/curriculum/assignment/>
- Due by the end of August
- Submit to School mailing list for review
- We will ask you before sharing outside the group of instructors, and you may say no



Final Thoughts

The OSG Family

- We challenge you to:
 - ▶ Do and/or support research with us
 - ▶ Use our software
 - ▶ Use our resources
 - ▶ Contribute to our collaboration and team
- ***You*** challenge ***us*** to provide new solutions!



Don't let computing be a barrier to discovery!

The Path Forward

- Use your new ~~skills~~ powers
- As often as possible!
- Keep learning new things
- With time & practice, you will have superpowers!
- Let us know how that goes

Any sufficiently advanced technology is indistinguishable from magic.

– Arthur C. Clarke

Closing Dinner

Fluno Center (601 Univ. Ave.), Skyview Room
6:30 p.m.