

<http://www2.mmm.ucar.edu/wrf/users/>

- Known Problems
- Version Updates
- Other WRF pages

- WRF Support Forum
- wrf-news
- Workshop/tutorial
- FAQ
- Registered user
- Best Practices
- Special Code

- WRF/WPS
- Post-processors
- Utilities
- Input Data
- Geog. Static Data

- WRF Users' Guide
- Technical Note
- Publications
- Physics References

- NCAR Graphics
- NCL
- CISL
- Other NCAR Sites

The screenshot shows the WRF Users Page with a navigation bar at the top containing links: Home, Model System, User Support, Download, Doc / Pub, Links, Physics, Users Forum, and WRF. A search bar is located on the right. The main content area is titled "WRF MODEL USERS' PAGE" and includes a welcome message. A sidebar on the left lists links: WRF General Information, Public Domain Notice, WRF User Support, Download WRF, WRF Version 4 User's Guide, and How to Cite WRF. On the right, there are sections for "WRF FORECAST" with a map, "ANNOUNCEMENTS" with news about a 2018 tutorial and joint users' workshop, "WPS Releases - Known Problems" with a list of versions and update dates, and "GENERAL INFORMATION" with links to compilation notes, frequently asked questions, code repository, and contributor information. Colored arrows point from the text boxes to specific parts of the page: a teal arrow from the first box to the "Links" menu item; a green arrow from the second box to the "WRF User Support" link in the sidebar; an orange arrow from the third box to the "Download WRF" link in the sidebar; a red arrow from the fourth box to the "WRF Users' Guide" link in the sidebar; and a pink arrow from the fifth box to the "WRF Real-Time Forecasting" link in the "WRF FORECAST" section.

WRF USERS PAGE

Home Model System User Support Download Doc / Pub Links Physics Users Forum WRF

WRF MODEL USERS' PAGE

Welcome to the users' page for the Weather Research and Forecasting Model (here "WRF", for short). WRF is a state-of-the-art atmospheric modeling system designed for both meteorological research and numerical weather prediction. It offers a host of options for atmospheric processes and can run on a variety of computing platforms. WRF excels in a broad range of applications across scales ranging from tens of meters to thousands of kilometers, including the following.

WRF FORECAST

WRF Real-Time Forecasting

ANNOUNCEMENTS

2018 Summer WRF Tutorial Registration is open.

2018 Joint WRF/MPAS Users'

WPS Releases - Known Problems:

- V4.0 (updated 6/8/18)
- V3.9.1 (updated 8/17/17)
- V3.9.0.1 (updated 7/13/17)
- V3.9 (updated 7/13/17)

GENERAL INFORMATION

[General Notes](#) on Compiling and Running on Cheyenne.

[Frequently Asked Questions](#)

[WRF Code Repository and Release Administration](#)

[Information for Code Contributors](#)

Related Systems and Information

There are a number of WRF-related systems and specialty capabilities with separate pages. Key ones are listed below, and users are directed to these for the system details.

- WRF Data Assimilation System: [WRFDA](#)
- WRF-Chem (WRF atmospheric chemistry model): [WRF-Chem](#)

The Basic WRF Tutorial Boulder, Colorado

July 15-19, 2019



Home

AWS Log-in

Case Studies

Graphics

Daily Quiz

Useful Links



- WRF Users' Guide
- Namelist Best Practices
- WRF Flow Chart
- UNIX Commands
- Feedback
- Input Data
- NCAR Supercomputers

Requesting Access to NCAR Supercomput

Click [here](#) to access the information page for graduate students, postdocs, and their advisors.

A request for 50,000 core hours or less is fairly simple. We recommend requesting a small number (e.g., 1000 core hours). Once you receive access, do some testing of the model configuration (timing, processor counts, amount of data created that needs to be stored). Scale that up by the intended full size of the test, number of scenarios, etc. THEN send in that second value to CISL with the detailed explanation of resource requirements.

○ NCAR Supercomputer Access
○ Cheyenne

Miscellaneous Information

- Practice Sessions
 - AWS cloud account closed after today
 - http://www2.mmm.ucar.edu/wrf/OnLineTutorial/Class_July2019/index.php
- WRF Users' Forum
 - forum.mmm.ucar.edu
- Participate in annual users' workshop (June)
- Share your knowledge with colleagues
- Please share your code with us!
- Tutorial Survey

*Good Luck And
Happy Computing!*



Thanks for coming to the Tutorial!