-Known Problems-Version Updates-Other WRF pages

WRF USERS PAGE Doc / Pub **Users Forum** Search WRF MODEL USERS' PAGE Welcome to the users' page for the Weather Research and Forecasting Model (here "WRF", for WRF User short). WRF is a state-of-the-art atmospheric modeling system designed for both meteorological **Download WRF** research and numerical weather prediction. It offers a host of options for atmospheric processes and can WRFV3 User's Guide run on a variety of computing platforms. WRF excels in a broad range of applications across scales ranging How to Cite WRF from tens of meters to thousands of kilometers, including the following. - Meteorological studies - Real-time NWP ANNOUNCEMENTS - Idealized simulations 2017 Winter WRF Users Tutorial - Data assimilation Registration is now open! - Earth system model coupling - Model training and educational support 2016 WRF Users' Workshop (June 2016): Presentations. The Mesoscale and Microscale Meteorology WRF Physics Survey Results. Laboratory (MMM) of NCAR supports the WRF system to the user community, maintains the WRF code, and Latest WRF Releases: oversees the relase process. MMM provides the wrfhelp service, which provides user assistance and Upcoming WRF release: Version delivers WRF news. MMM also issues WRF releases, conducts WRF tutorials, and hosts the annual WRF WRF Version 3.8.1 is now available Users' Workshop. for download. (Known Problems) WRF Releases - Known The WRF system is available via free download Problems: through these pages. In addition to providing the code and documentation for WRF system, this site V3.8.1 (updated 8/11/16) provides information and links on WRF code V3.8 (updated 4/8/16) contributions, releases, and events. V3.7 (updated 8/13/15) Related Systems and Information GENERAL INFORMATION There are a number of WRF-related systems and specialty capabilities with separate pages. Key ones General Notes on Compiling and are listed below, and users are directed to these for Running on Yellowstone. the system details. Frequently Asked Questions - WRF Data Assimilation System: WRFDA WRF Code Repository and Release - WRF-Chem (WRF atmospheric chemistry model): Administration WRF-Chem Information for Code Contributors - WRF-Hydro (WRF hydrological modeling system): WRF-Hydro WRF Physics Review Process and

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WRF MODEL USERS' PAGE

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- Meteorological studies
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- Model training and educational support

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The WRF system is available via free download through these pages. In addition to providing the code and documentation for WRF system, this site provides information and links on WRF code contributions, releases, and events.

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
- WRF-Hydro (WRF hydrological modeling system): WRF-Hydro

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ANNOUNCEMENTS

2017 Winter WRF Users Tutorial Registration is now open!

2016 WRF Users' Workshop (June 2016): Presentations.

WRF Physics Survey Results.

Latest WRF Releases:

Upcoming WRF release: Version

WRF Version 3.8.1 is now available for download. (Known Problems)

WRF Releases - Known Problems:

V3.8.1 (updated 8/11/16)

V3.8 (updated 4/8/16)

V3.7 (updated 8/13/15)

GENERAL INFORMATION

General Notes on Compiling and Running on Yellowstone.

Frequently Asked Questions

WRF Code Repository and Release

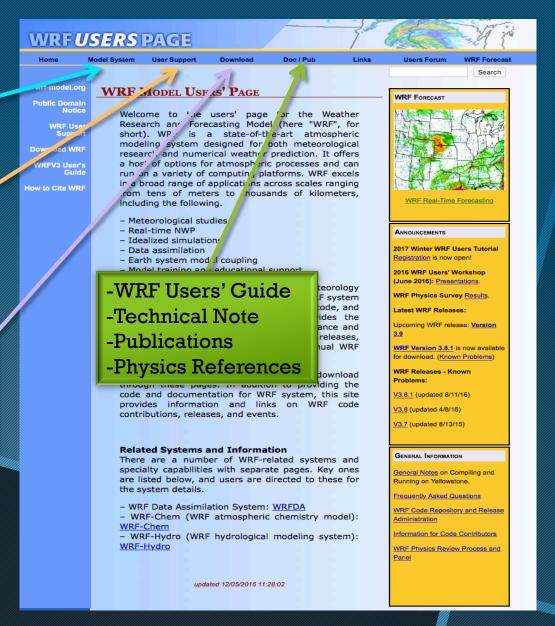
Information for Code Contributors

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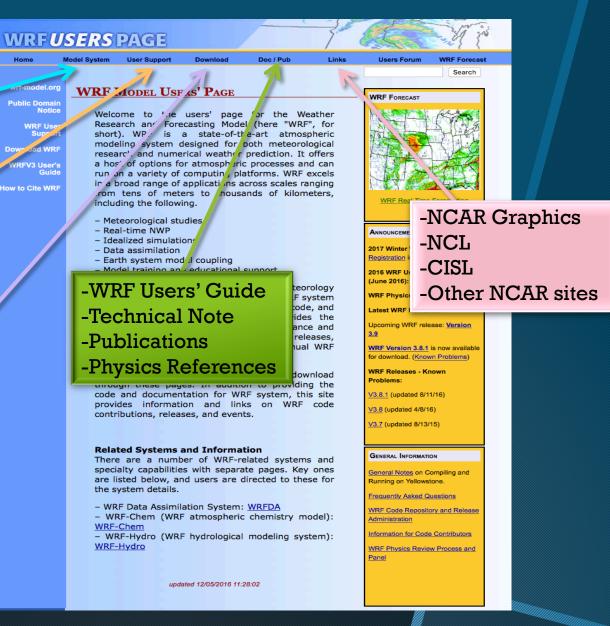
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The Basic WRF Tutorial in Boulder, CO

Winter, 2017: Jan 30 - Feb 3 🎇 *





WRF Basic

? Supercomputers

Click here to access the information page for graduate students, postdocs, and their advisors.

To access the request form, click here.

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
Yellowstone
Cheyenne



- Write to wrfhelp@ucar.edu for WRF related problems / feedback
- Participate in annual users' workshop (June)
- Share your knowledge with colleagues
- Please share your code with us!
- Tutorial Survey

Good Luck And Hayppy Computing!

Thanks for coming to the Tutorial!!!