

McIDAS Users' Group MUG Update

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2009 MUG Meeting – Madison WI – June 2-4



MUG Update

- New MUG Members
- What's New in 2009
- MUG Personnel
- McIDAS-V
- McIDAS Help Desk



New MUG Members

1. 3Tier Environmental Forecast Group – Seattle WA
2. CONAE (National Space Agency of Argentina) – Buenos Aires
3. FAA Technical Center – Atlantic City NJ
4. ITOCHU Techno-Solutions – Tokyo, Japan
5. MIAS–IMD (India Meteorology Dept) - Ahmedabad
6. MIAS–SAC (Space Applications Centre) – New Delhi
7. National Renewable Energy Laboratory – Golden CO
8. Weather Decision Technologies – Norman OK

39 total sites – has stayed at ~40 sites for 10 years



What's New in 2009 – OS Support for -X

Vendor	Operating System	Compilers Supported
Apple - Mac Intel & PPC	OS X 10.5	gfortran 4.3 gcc 4.0.1 (packaged with Xcode 3.1)
OS X 10.4 is still supported by MUG, but will be sunset when Apple announces its "end of life", probably later this year.		



What's New in 2009 – OS Support for -X

Vendor	Operating System	Compilers Supported
HP	HP-UX 11.11	HP Fortran 90 3.1 HP C/ANSI C 11.11.16

Support for McIDAS-X on HP-UX was originally sunset with the 2006 upgrade, but was extended through 2009 due to the Australian BoM agreeing to pay the support costs for three additional years and purchasing a new HP workstation for the MUG.

We will need additional \$\$\$ help from sites in order to continue supporting HP-UX beyond 2009.



What's New in 2009 – OS Support for -X

Vendor	Operating System	Compilers Supported
IBM	AIX 5L 5.3.3	XLF 8.1.0 -or- g77 3.4.4 XLC 6.0 -or- gcc 3.4.4
Microsoft	Windows XP Professional SP3 & SFU 3.5	g77 3.3 gcc 3.3 (packaged with SFU 3.5)



What's New in 2009 – OS Support for -X

Vendor	Operating System	Compilers Supported
Red Hat	Enterprise Linux WS 4.0	g77 3.4.6 gcc 3.4.6
	Enterprise Linux WS 5.0	gfortran 4.1.2 gcc 4.1.2

No longer a warning against running on 64 bit Linux, but gfortran may require formatting changes in local code.



What's New in 2009 – OS Support for -X

Vendor	Operating System	Compilers Supported
SGI	IRIX 6.5.21	SGI Fortran 77 7.4.2 -or- g77 3.3.2 ANSI C 7.4.2 -or- gcc 3.3.2
SUN	Solaris 10 OS SPARC	Sun Studio 11 Fortran & C -or- g77 3.4.6 & gcc 3.4.6
	Solaris 10 OS x86	g77 3.4.6 gcc 3.4.6



What's New in 2009 – Fully Supported Fastracks

New McIDAS-X release brought many changes

- No more upgrades, only fully supported fastracks
- New version numbering
- –X and –XRD combined into one installation file



What's New in 2009 – Fully Supported Fastracks

New McIDAS-X release brought many changes

- No more upgrades, only fully supported fastracks
 - Fully supported by SSEC
 - No set release schedule
 - Each change has been tested on all of the supported workstation configurations.
 - Full system testing will occur at least once on each platform during each calendar year.



What's New in 2009 – Fully Supported Fastracks

New McIDAS-X release brought many changes

- No more upgrades, only fully supported fastracks
 - Why?
 - So McIDAS programming, testing and documentation staff can focus more of its future efforts on McIDAS-V
 - So users can have full confidence when installing a fastrack and not have to wait for a full upgrade once per year



What's New in 2009 – Fully Supported Fastracks

New McIDAS-X release brought many changes

- New version numbering
 - No longer 2008, 2008a, 2008b, etc.
 - Now 2009.1, 2009.2, 2009.3, etc.
 - Why?
 - To be clear that each version has the same level of importance and are not incremental releases in any way



What's New in 2009 – Fully Supported Fastracks

New McIDAS-X release brought many changes

- `-X` and `-XRD` combined into one installation file
 - Users can now choose to install one or both of the packages with one install option

```
sh ./mcidas2009.1.sh flags make packages  
where flags = -gcc, -noopt, or -mysql  
and packages = x (default), xrd, or all
```

- Why?
 - So that `-X` and `-XRD` are easier to package
 - So that `-X` and `-XRD` are easier to install



MUG Personnel - Staff Changes

Dee Wade retired in October 2008

- 32 years at SSEC
- 12 years as Program Manager of MUG and the SSEC Data Center

Jerry Robaidek – SSEC Data Center

Becky Schaffer – McIDAS Users' Group



MUG Personnel – Current MUG Staff

Kevin Baggett: -XCD programming

Jon Beavers: -V programming

Jay Heinzelman: Help Desk and testing

Rick Kohrs: Help Desk and programming

Dave Parker: Systems programming

Barry Roth: Help Desk and documentation

Jessica Staude: -V testing, documentation, and User Support

Jon and Jess were originally hired for McIDAS-V, but everyone else in the MUG team has been slowly transitioning more to McIDAS-V: programmers, testers, Help Desk, and documentation.



MUG Personnel – Other McIDAS Programmers

- McIDAS-X
 - Russ Dengel
 - Scott Lindstrom
 - Dave Santek
- McIDAS-V and VisAD cvs contributors
 - Gail Dengel
 - Bruce Flynn
 - Tommy Jasmin
 - Tom Rink
 - Unidata's Don Murray & Jeff McWhirter



McIDAS-V – Beta Release version 1.0beta1

- Released at 2009 AMS Meeting (January)
 - Meeting presentations
 - Demonstrations at the SSEC booth
- 1105 downloads from 32 countries

181	Linux 32 bit	126	Linux 64 bit
13	Mac PPC	91	Mac x86
7	Solaris SPARC	8	Solaris x86
28	Unix (no Java)	651	Windows



McIDAS-V – Beta Release version 1.0beta2

- Released at 2009 MUG Meeting (June)
 - Meeting presentations from scientists using -V
 - Demonstrations by -V staff and scientists using -V
 - Highlighted with McIDAS-X at the Working Reception on Tuesday evening
 - Training session following the MUG Meeting presentations



McIDAS-V – OS Support for -V

Operating System	Tested at SSEC
Linux	Red Hat Enterprise Linux WS 4.0 (32 bit) & WS 5.0 (64 bit)
Mac OS X	Mac OS X 10.5 (Intel & PPC)
Solaris	Solaris 10 OS x86 & SPARC
Windows	Windows XP with Service Pack 3 Windows Vista with Service Pack 2

The local ADDE servers are distributed as binaries and may not work on other OS versions.



McIDAS-V – Looking for user feedback!!!

1. Fill out the Site Survey at the end of the meeting on Wednesday
 - When to release version 1.0
 - What features should be in version 1.0
 - Interested in nightly builds?
2. Join the MAC!
3. Use the McIDAS-V Support Forums



McIDAS-V – Support Forums

- Announced in January 2009 with beta1 release
- Currently, we have...
 - 80 members
 - 120 topics
 - 203 posts
- Users of McIDAS-V are encouraged to answer the forum questions of other users and to share their knowledge and expertise.

<http://www.ssec.wisc.edu/mcidas/forums>

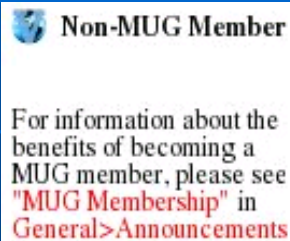


McIDAS-V – Support Forums



MUG members receive priority support

- Make sure you inform the Help Desk when you join the forum



Non-MUG members receive limited Help Desk support "as time allows"

- Users with multiple requests or who need faster responses to their questions need to join MUG



McIDAS-V Team Members





McIDAS-V Support Forums

Support and discussion of the McIDAS-V software package

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Forum		Topics	Posts	Last post
General				
	Announcements Check here first	4	4	Thu Apr 02, 2009 4:04 pm beckys →
	Under Development New McIDAS-V features under development. Feedback is appreciated.	2	3	Fri Apr 03, 2009 8:58 am Rick →
User Topics				
	General Questions How do I...?	22	63	Fri May 29, 2009 8:19 am tsavos →
	Feature Requests New functionality you'd like to see in McIDAS-V	19	49	Wed May 20, 2009 2:20 pm barryr →
	Bug Reports Errors and unexpected results	25	80	Thu May 28, 2009 12:41 pm jayh →
User Submissions				
	Tips and Tricks Useful hints	3	3	Tue May 12, 2009 3:30 pm joleenf →
	Bundles Cool displays	1	1	Wed May 13, 2009 12:56 pm joleenf →

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Statistics



Total posts **203** | Total topics **120** | Total members **80** | Our newest member **julenkagem**



New posts



No new posts



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McIDAS-V Support Forums

Support and discussion of the McIDAS-V software package

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General Questions

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	Topics	Author	Replies	Views	Last post
	Optimal Memory or Config Settings for Best Performance?	tsavos	0	6	Fri May 29, 2009 8:19 am tsavos
	transect behavior	kbedka1	2	18	Wed May 27, 2009 2:45 pm kbedka1
	Moved: return to map display from data explorer	joleenf	2	21	Wed May 20, 2009 2:20 pm barryr
	locking bundles	joleenf	0	10	Thu May 14, 2009 10:03 am joleenf
	watched forums	TJS	2	23	Thu Apr 30, 2009 4:01 pm TJS
	data readout	joleenf	1	18	Wed Apr 29, 2009 2:25 pm jayh
	Auto-Update of Data (Images, MD, Grid, loops)?	tsavos	5	36	Wed Apr 22, 2009 10:56 am tsavos
	Scatter plot with point data and satellite image	aude	1	42	Thu Apr 16, 2009 9:34 pm tdrink
	Satellite calibration	dspangen	1	27	Fri Apr 03, 2009 11:12 am Rick
	Convert Brightness to Temperatures --- *.gini Satellite Data	Greg	6	103	Thu Apr 02, 2009 1:29 pm aude
	Satellite orbit tracks	dspangen	1	30	Wed Apr 01, 2009 2:27 pm barryr
	Histograms ?	JPNIII	4	48	Tue Mar 31, 2009 3:42 pm barryr
	Can McIDAS-V autosave images or upload them?	tim_v	1	40	Mon Mar 30, 2009 2:59 pm barryr



McIDAS-V Support Forums

Support and discussion of the McIDAS-V software package

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watched forums




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Author	Message
TJS	Post subject: watched forums Posted: Thu Apr 30, 2009 11:15 am
 Member Joined: Thu Mar 05, 2009 2:31 pm Posts: 15	Hi, How do I sign up for a 'watched forum'? Is it under user control panel? Thanks, TJS
Top	profile quote
jayh	Post subject: Re: watched forums Posted: Thu Apr 30, 2009 1:12 pm
 Support Team Joined: Thu Jan 15, 2009 5:34 pm Posts: 15	If you are in a specific topic like this one, you can click "Subscribe Topic" right above these messages on the left side. If you want to be subscribed to a complete forum, you can click "Subscribe Forum" on the main page of that forum. For example, from the main page, click on "Bug Reports" and then you'll see the "Subscribe Forum" option. Thanks, Jay
Top	profile quote
TJS	Post subject: Re: watched forums Posted: Thu Apr 30, 2009 4:01 pm
	Thanks!



McIDAS-V Support Forums

Support and discussion of the McIDAS-V software package

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Feature Requests

[new topic](#)

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Topics	Author	Replies	Views	Last post
return to map display from data explorer	joleenf	2	21	Wed May 20, 2009 2:20 pm barryr →
Is there any way to display storm attribute tables in Mcidas	gehrab	1	20	Mon Apr 27, 2009 1:37 pm jayh →
Station model layout editor	tomw	1	27	Mon Apr 27, 2009 1:03 pm beckys →
"how to" guide for mcidas-x users	TJS	2	31	Mon Apr 27, 2009 11:50 am joleenf →
→ Map Display "Legend"	kaba	3	43	Thu Apr 23, 2009 8:43 am joleenf →
→ Generic MD to NetCDF converter	TJS	3	36	Thu Apr 16, 2009 4:55 pm jayh →
Weather Radar Beam Center Height	Greg	1	19	Thu Apr 09, 2009 10:04 am jessicas →
Saving an image of the panels	TJS	1	29	Fri Apr 03, 2009 11:19 am Rick →
Looping between spectral bands	TJS	1	19	Fri Apr 03, 2009 11:07 am Rick →
→ Confirmation window	TJS	1	21	Fri Apr 03, 2009 10:45 am Rick →
→ More statistical output	TJS	1	25	Fri Apr 03, 2009 10:16 am Rick →
→ MD file schemas used in generating GOES derived products	tony.schreiner@ssec.wisc.edu	2	37	Fri Apr 03, 2009 9:48 am Rick →
Linking probe output	TJS	1	20	Fri Apr 03, 2009 9:06 am Rick →

McIDAS-V – Support Forums

Users of McIDAS-V are encouraged to answer the forum questions of other users and to share their knowledge and expertise.

<http://www.ssec.wisc.edu/mcidas/forums>



McIDAS Help Desk – User Support Requests

With so many new non-paying users, how do we prioritize our support?

1. McIDAS-X, –XCD and SDI questions from MUG members
2. McIDAS-V questions from MUG members
3. McIDAS-V questions from non-MUG users

ALL bug reports are put into the
McIDAS Inquiry System



McIDAS Help Desk – User Support Requests

	-X Inquiries	-V Inquiries	-V Forum Topics
2006	423	13	n/a
2007	405	24	n/a
2008	318	246	n/a
2009 (Jan-May)	90	135	120



In Summary...

McIDAS Users' Group is still going strong!

- MUG Membership staying steady for -X, -XCD, and SDI
- McIDAS-V downloads and forum membership growing every day
- Participation in McIDAS Users' Group Meetings at an all-time high!

THANK YOU!!!

