

NWSChat as All Hazards Communication Tool **2010 All Hazards Decision Support Workshop** or Workshop to bring All Weather Hazards to the Mid-South Memphis, Tennessee February 10, 2010







NWSChat

- What is it?
- Where is it?
 Some rules
- Features to help
 - Reset Password
 - Online Tools
- Pidgin
 - 🛶 🗕 Examples







What is NWSChat?

- Instant messaging (IM) system
- To Share:
 - Real-time weather "reports"
 - Warnings, Watches, Advisories, and other products
 - Information (Reports, warnings, etc.)
- Provides:
 - Critical warning decisions/expertise
 - Clarification

Enhanced communications



Software to connect to NWSChat

Any XMPP software

- NWS Supports
 - Pidgin (PCs)
 - Adium (Macs)
 - Jeti (Java based-web based)









NWSChat

- Who can use NWSChat
 - Emergency Management
 - Media
 - HAM
 - Others
- How to Sign-up

– https://nwschat.weather.gov





How to sign up

Create account

Read terms of use, from link in email (Training)
Individual accounts

Password change every 60 days
Plans are in the works to change 180 days





https://

NWSChat

Reset Pass

NOAA's National Weat

NWSChat Home

WSChat Prototype

NV

Access Online Tools

NWSChat Username (not handle) :

@nwschat.weather.gov Password:

Log In

Important Links

Reset NWSChat Password

Request NWSChat Account -NWS Partners

Request Account - NWS Personnel

Documentation

NWSChat also provides me to communicate significant who in turn utilize the information

response community, who in

hazardous weather messad

NWSChat Proto

NWS partners can use NWS and enhancements to the co a fast-paced significant wea

Additional information on N Document. If you would like survey.

How to Participate

Office Contacts

News and Notes RSS

- NWSChat Failover Test Today (Wed. Jan. 27, 2010) Posted on: 27 Jan 17:11 GMT.
- Pidgin 2.6.5 Released Posted on: 26 Jan 15:05 GMT

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Search

Contacts **Online Tools** RIMENTAL, NON-OPERAT

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	Reset NWSChat Password
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ion	Request Account - NWS Personnel
:hat	Documentation
	Office Contacts





Reset Password

NWSChat Home	Reset Password	Documentation/Help	Contacts	Online Tools	NV
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Home > Reset Password

Request Password Reset

This page will generate a password change request. An email will be sent to your email addre a webpage for you to visit to change your password.

Enter your NWSChat user ID (without @nwschat.weather.gov) below. Note: if you have chang please contact the NWSChat Admin Team (nwschatadmin@noaa.gov) to update your inform





Reset Password



Update Password for your ham-thomas.l.salem@nwschat.weather.gov account!



Update Password





Online Tools





My NWSChat: ham-thomas.l.salem | Logout

Current Tools

Launch Web-based Jabber Client (Jeti)

You need to have the Java plugin installed in order to run this application. It is a Java client to the NWSChat server. Some folks may wish to use it instead of having to install the Pidgin software. Documentation on using the Web-based Jabber Client (Jeti) can be found here.

Real-time Chatroom monitor!!!

AJAX chatroom monitor (requires modern web browser).

Chatroom Logs

Access historical logs from NWSChat Project's chatrooms.

Join/Leave Shared Rosters

Optionally join or leave shared rosters. These shared rosters allow you to be automatically added as buddies to others that join the group.

Update your NWSChat Password

Example of NWSChat Jeti

megchat@conference.nwschat.weather.gov

User Members Owner

megchat Info: 🗑 nwsbot 8/11/09 [9:28 PM] nwsbot: MEG cancels Areal Flood Advisory for Decatur, Henderson [TN] . NWSMEG-SOO-Tom S 8/12/09 [1:29 AM] nwsbot: MEG issues Record Event Report (RER) ... RECORD DAILY MAXIMUM RAINFALL SET AT TUPELO ... media-bill.murrav 8/11/09 [7:55 PM] nwsbot: MEG cancels Dense Fog Advisory for Carroll, Chester, Crockett, Decatur, Dyer, Fayette, Gibson, Hardeman, em-charles.e.jones Hardin, Haywood, Henderson, Henry, Lake, Lauderdale, Madison, McNairy, Obion, Tipton, Weakley [TN] and Pemiscot [MO] and Mississippi nwsizk-3 nwsmeg-jcl [AR] 🝻 WPTY-HenryRothenbe 8/12/09 [7:00 PM] nwsbot: ----- Aug 13, 2009 [GMT] ------8/13/09 [6:22 AM] nwsbot: MEG issues Free Text Message (FTM)) abc3340wx-Birmingha) ham-thomas.l.salem 8/13/09 [8:41 AM] nwsbot: MEG issues Free Text Message (FTM) 8/13/09 [8:41 AM] nwsbot: MEG issues Free Text Message (FTM) 8/13/09 [8:41 AM] nwsbot: MEG issues Free Text Message (FTM) 8/13/09 [8:41 AM] nwsbot: MEG issues Free Text Message (FTM) 8/13/09 [8:41 AM] nwsbot: MEG issues Free Text Message (FTM) 8/13/09 [8:41 AM] nwsbot: MEG issues Free Text Message (FTM) 8/13/09 [8:41 AM] nwsbot: MEG issues Free Text Message (FTM) 8/13/09 [8:41 AM] nwsbot: MEG issues Free Text Message (FTM) 8/13/09 [7:00 PM] nwsbot: ----- Aug 14, 2009 [GMT] -----8/14/09 [7:00 PM] nwsbot: ----- Aug 15, 2009 [GMT] -----8/14/09 [9:24 PM] nwsbot: MEG issues Public Information Statement (PNS) 8/15/09 [7:00 PM] nwsbot: ----- Aug 16, 2009 [GMT] -----8/16/09 [7:00 PM] nwsbot: ----- Aug 17, 2009 [GMT] ------[5:31 AM] nwsbot MEG issues Public Information Statement (PNS) [6:55 AM] nwslzk-3 changed status to Available 2 b i u A Send 🍘 Online



Example of NWSChat -- Monitor



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Options 🔍	Help Saved Ite	ms Memphis	
Available Rooms:	🔞 Clear Room Log	Export to HTML	🚔 Print Log 🍦 Save Selected 🔲 View As HTMI
Memphis 🔽	Timestamp 👻	Author	Message
Show NWSBot Messages	02/07 10:07 PM	nwsbot	MEG extends area+time of Winter Weather Advisory PM CST
Enable Audio Alerts Play Test Sound	02 <i>/</i> 07 10:07 PM	nwsbot	MEG extends area of Winter Weather Advisory valid 6:00 AM CST
Sound Volume:	02/07 10:07 PM	nwsbot	MEG continues Winter Weather Advisory valid at Fel
	02/07 10:07 PM	nwsbot	MEG extends time of Winter Storm Warning for Lake Lawrence, Mississippi, Poinsett, Randolph [AR] valio
	02 <i>/</i> 07 10:07 PM	nwsbot	MEG extends area+time of Winter Weather Advisory 09, 6:00 AM CST



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Example of NWSChat	
😾 megchat@conference.nwschat.weather.gov	
Conversation Options Send To	
an megchat@conference.nwschat.weather.gov	
LOCATED NEAR FREES CORNERSOR NEAR HERNANDOMOVING NORTHEAST AT 25 MPH.	36 people in room
(4:34:25 PM) nwsbot: MEG continues Tornado Warning for DeSoto [MS] till 5:00 PM CDT AT 430 PM CDT NATIONAL WEATHER SERVICE DOPPLER RADAR CONTINUED TO INDICATE A TORNADO. THIS TORNADO WAS	🗖 nwsbot 🔄

(4:34:25 PM) nwsbot: MEG continues Tornado Warning for DeSoto [MS] till 5:00 PM CDTAT 430 PM CDT....NATIONAL WEATH LOCATED NEAR FREES CORNERS...OR NEAR HERNANDO...MOVING NORTHEAST AT 25 MPH.

(4:37:00 PM) nwsbot: MEG issues Flash Flood Warning for Shelby [TN] and Crittenden, Lee, Phillips [AR] and Coahoma, DeSoto, 1

(4:37:58 PM) nwsmeg-jcl: we just got a report from the public that tornado crossed I-240 and South Pkwy. Limbs on interstate.

(4:39:14 PM) nwsbot: MEG <u>continues Tornado Warning</u> for DeSoto [MS] till 5:00 PM CDTAT 438 PM CDT....NATIONAL WEATH LOCATED NEAR HERNANDO ... MOVING NORTHEAST AT 20 MPH.

(4:40:30 PM) nwsbot: MEG issues Tornado Warning for Haywood, Lauderdale, Tipton [TN] till 5:30 PM CDT* AT 440 PM CDT... PRODUCING A TORNADO NEAR COVINGTON...MOVING NORTHEAST AT 20 MPH.

(4:51:48 PM) academia-renny.vandewege [<i>academia-renny.vandewege@nwschat.weather.gov/5dcacf0c</i>] entered the room.	((10)	ham-ronald.mccollum	
(4:51:59 PM) ham-david.pace [ham-david.pace@nwschat.weather.gov/Home] entered the room.	(((*)) kjiw-rdale	
(4:52:45 PM) law - Dyersburg 911 [<i>law-mark.grant@nwschat.weather.gov/eocworkstation1</i>] entered the room.	(((0)	aw - Dyersburg 911	
(4:52:47 PM) nwshun-forecaster3 [<i>nws-kris.white@nwschat.weather.gov/home</i>] entered the room.		media-david.hartman	
(4:54:11 PM) nwsbot: MEG issues Tornado Warning for Fayette, Shelby [TN] and DeSoto, Marshall [MS] till 5:45 PM CDT* AT 454 PM CDT*AT 454	12.3) media-henry,I.rothen	
(4:55:47 PM) nwsbot: MEG issues Tornado Warning for Fayette, Shelby [TN] till 5:45 PM CDT * AT 454 PM CDT NATIONAL WEATHER SERVICE DOPPLER RADAR WAS TRACKING A TORNADO NEAR CORDOVAMOVING EAST AT 20 MPH. TORNADO DAMAGE HAS BEEN REPORTED IN CORDOVA OFF OF GERMANTOWN PARKWAY NEAR INTERSTATE 40 INTERCHANGE.	1 12 3) media-jared.heil	
(4:56:04 PM) media-john.dissauer left the room.) media-jennifer.e.ast	
(4:56:18 PM) nwsizk-5 left the room.	(((0))) media-justin.logan	
(4:56:29 PM) nwsbot: MEG: 5 Sw Lakeland [Shelby Co, TN] public reports TORNADO at 04:51 PM CDT tornado on ground just south of i-40 on germantown parkway. damage to car dealership and restaurant.	(((*)) media-mike,macgown	
(4:56:29 PM) nwsbot: MEG issues Summary Local Storm Report, 2 out of 3 reports were previously sent and not repeated here.	((0)) media-russ.poteet	
(4:57:07 PM) em-tim.billingsley left the room.	(((0)	MSU-Dixon	
(4:57:35 PM) nwshun-lacorte-scep [<i>nws-sandy.lacorte@nwschat.weather.gov/home</i>] entered the room.	(((0)	msu-mike.brown	
(4:57:51 PM) media-jared.heil [<i>media-jared.heil@nwschat.weather.gov/Home1</i>] entered the room.		nwsbmx3	
(4:59:21 PM) M5U-Dixon left the room.			
(5:00:09 PM) MSU-Dixon [<i>academia-grady.dixon@nwschat.weather.gov/Home</i>] entered the room.	(((0))	nwsbm×5	►
A Font ♣ Insert ⁽ ⁽) Smile!			_

👽 mego Conversa



NWSChat Example

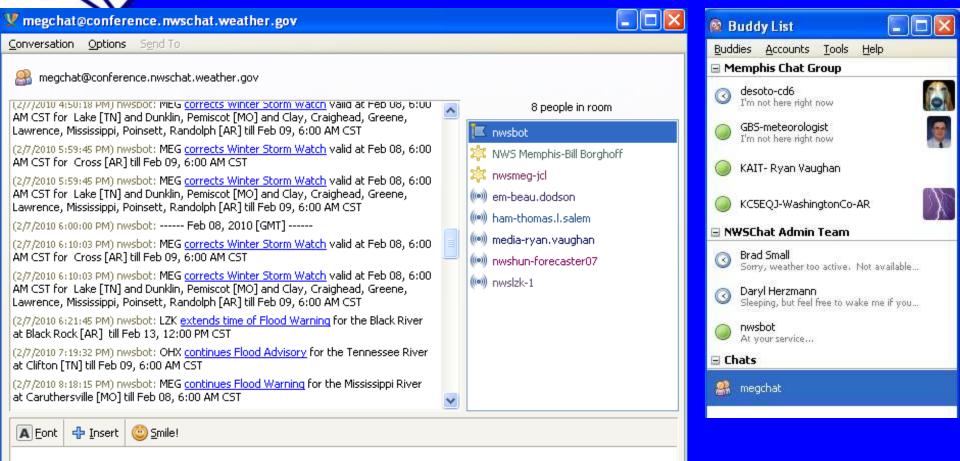
- NWS: Added Memphis and Shelby county to advisory. We apologize for the extreme late notice. Based on the latest 00z GFS which seems to have an excellent handle on current situation, think a wintry mix of precipitation will affect Memphis and Shelby county 5 am 4 pm. Temperatures will be near the critical 32 degree/freezing mark, so thinking minor snow/ice accumulations are possible. Also added Dyersburg to advisory.
- NWS: Not to mention, made WSW in NE AR, MO Bootheel, and Lake county TN effective immediately with some reports of light precip over the past hour.
- Media: Thanks guys. Here we go again. FYI. We now have a cam in Hardy, AR. I hope to have it online tomorrow.







Pidgin





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🔯 B	uddy List				Autoaccept 2.5.5 Auto-accept file transfer requests from selected users.	
Budo	_	<u>T</u> ools <u>H</u> elp			Buddy Notes 2.5.5 Store notes on particular buddies.	
⊡ M	emphis Chat Gi	,	es		Buddy State Notification 2.5.5 Notifies in a conversation window when a buddy goes or returns fro	
\odot	desoto-cd6 I'm not here right (<u>C</u> ertificates	Ctrl+U		Buddy Ticker 2.5.5 A horizontal scrolling version of the buddy list.	
	GBS-meteorolog		Ctrl+P		Conversation Colors 2.5.5 Customize colors in the conversation window	
\bigcirc	I'm not here right i	Privacy	CUITP		ExtPlacement 2.5.5 Extra conversation placement options.	
	KAIT- Ryan Vau		Ctrl+Y		History 2.5.5 Shows recently logged conversations in new conversations.	
		<u> </u>			I'dle Mak'er 2.5.5 Allows you to hand-configure how long you've been idle	
\bigcirc	KC5EQJ-Washin		s Ctrl+T		Iconify on Away 2.5.5 Iconifies the buddy list and your conversations when you go away.	
🗆 NN	WSChat Admin	R <u>o</u> om List System <u>L</u> og			Join/Part Hiding 2.5.5 Hides extraneous join/part messages.	
0	Brad Small				Log Reader 2.5.5 Includes other IM clients' logs in the log viewer.	
9	Sony, weather too	Mute <u>S</u> ounds			Markerline 2.5.5 Draw a line to indicate new messages in a conversation.	
\odot	Daryl Herzmann Sleeping, but feel f	free to wake me if you	J		Message Notification 2.5.5 Provides a variety of ways of notifying you of unread messages.	~
	nwsbot			🗄 Plugin	Configure Plugin	

At your service...

Configure Pl<u>u</u>gin

⊆lose



Incident Support

Y megchat@conference.nwschat.weather.gov/NWS Memphis-Bill Borghoff							
Conversation Options Send To							
🔗 megchat@conference.nwschat.weather.gov 🛛 🛛 😣 megchat@conference.nwschat.weather.gov/NWS M	lemphis ×						
megchat@conference.nwschat.weather.gov/NWS Memphis-Bill Borghoff							
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NWSChat

- For support from Memphis WFO

 Call office (901) 544-0401 (Tom, Phil, or Rich)
 Email nwschatmeg@noaa.gov
- National Support

 Email nwschatadmin@noaa.gov











Web based Programs for NWSChat

NOAA's National Weather Service NWSChat

Reset Password

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EXPERIMENTAL, NON-OPERATIONAL

Online Tools

💿 NWS 🔘 All NOAA 🛛 GO

NWS Toolbox

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NWSChat Home

NWSChat Prototype

NWSChat is an Instant Messaging program utilized by NWS operational personnel to share critical warning decision expertise and other types of significant weather information essential to the NWS's mission of saving lives and property.

Documentation/Help

This information is exchanged in real-time with the media and emergency response community, who turn play a key role in communicating the NWS's hazardous weather messages to the public.

NWSChat also provides media and emergency response partners with the ability to communicate significant event reports back to NWS operational personnel, who in turn utilize the information to make effective warning decisions.

NWS partners can use NWSChat as an efficient means of seeking clarifications and enhancements to the communication stream originating from the NWS during a fast-paced significant weather or hydrologic event.

Additional information on NWSChat can be found in the Service Description Document. If you would lik provide comments, please take the NWSChat survey.

How to Participate

- Be a member of the Emergency Management Community
 - Defined as encompassing public safety officials who serve as employees or contract agents of a government agency at any level (federal, state, local, tribal, etc.) charged with protecting the public from hazards of whatever type influenced by weather conditions and Skywarn Net Control Operators such as Amateur Radio Emergency Services (ARES)/Radio Amateur Civil Emergency Services (RACES).
- Be a Government Partner of a specific NWS office
 - Defined as encompassing specific government partners that are necessary participants in NWSChat for specific NWS offices that have missions that require close coordination with these partners, e.g. FAA officials (for NWS Center Weather Service Units) and water management officials (for NW/S River Forecast Centers)

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	Access Online Tools	
/	NWSChat Username (not handle) :	
in	@nwschat.weather.gov Password:	
e	Log In	/
)	Important Links	
	Reset NWSChat Password	
e to	Request NWSChat Account - NWS Partners	
	Request Account - NWS Personnel	
	Documentation	
	Office Contacts	
h		

veather.gov

News and Notes RSS

- NWSbot degraded performance on April 29, 2009
- Posted on: 30 Apr 15:15 GMT
- New Online Monitor
 - Posted on: 29 Mar 22:34 GMT
- FAQ Updated



NWSBot on NWSChat

- Products relavent to chat room are listed
 - Examples: Warnings, Watches, Advisories, Public information statements
 - Click on and you can get more information

(4:34:25 PM) nwsbot: MEG <u>continues Tornado Warning</u> for IDeSoto [MS] till 5:00 PM CDTAT 430 PM CDT....NATIONAL WEATH(LOCATED NEAR FREES CORNERS...OR NEAR HERNANDO...MOVING NORTHEAST AT 25 MPH.

(4:36:49 PM) media- meg anymore reports on the shelby tornado?

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(4:37:58 PM) nwsmeg-jcl: we just got a report from the public that tornado crossed I-240 and South Pkwy. Limbs on interstate.

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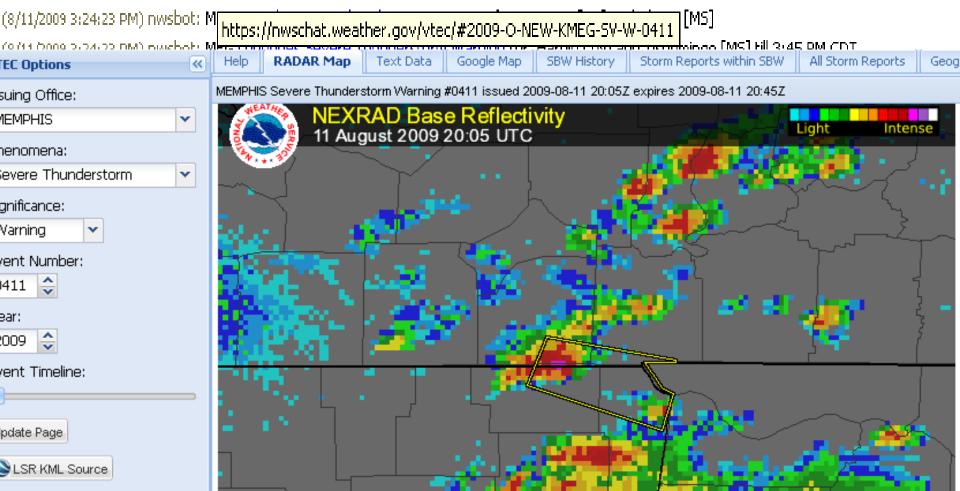


Example of NWSBot information

(8/11/2009 2:48:42 PM) nwsbot: The Storm Prediction Center issues Day 1 Convective Slight Risk

(8/11/2009 2:52:54 PM) nwsbot: NESDIS issues Satellite Precipitation Estimates

(8/11/2009 3:05:31 PM) nwsbot: MEG issues Severe Thunderstorm Warning for Hardin, McNairy [TN] and Alcorn, Tishomingo [MS] till 3:45 PM CDT



NOAA's National Weather Service
NWSChat

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EXPERIMENTAL, NON-OPERATIONAL

NWS Toolbox

Home

NWSChat Prototype

NWSChat is an Instant Messaging program utilized by NWS operational personnel to share critical warning decision expertise and other types of significant weather information essential to the NWS's mission of saving lives and property.

This information is exchanged in real-time with the media and emergency response community, who in turn play a key role in communicating the NWS's hazardous weather messages to the public.

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- · Be a Government Partner of a specific NWS office
 - Defined as encompassing specific government partners that are necessary participants in NWSChat for specific NWS offices that have missions that require close coordination with these partners, e.g. FAA officials (for NWS Center Weather Service Units) and water management officials (for NWS River Forecast Centers).
- Be a member of the Electronic Media
 - Defined as encompassing parties who operate systems that routinely provide weather and NWSChat news feed water warning information rapidly to a significant part of the population served by the NWS office offering the IM service, and identified contract agents of these parties. Electronic media may include radio stations, broadcast television (TV) stations, cable TV stations, and providers of weather content for these and other means of electronic information distribution such as internet, wireless devices, etc.





- NWSbot degraded performance on April 29, 2009 Posted on: 30 Apr 15:15 GMT
- New Online Monitor Posted on: 29 Mar 22:34 GMT FAQ Updated
 - Posted on: 16 Mar 17:14 GMT
- - Posted on: 12 Mar 22:59 GMT

How to sign up

NDAR		ional Weather S WSChat	ervice			Search	
	NWSChat Home	Reset Password	Documentation/Help	Contacts	Online Tools	NWS Toolbox	
				F		I NON-OPERATIONAL	

Home > Request National Weather Service Chat Account

In order to use the chat server, you need to have a NWSChat Account. Please fill out the following form to create the account.

1. Agree to Terms

🔲 I have read and agree to the terms of use .

2. Requested NWSChat Username (must be lowercase!)

This is your username you will use to log into the chat server. This username is much like an email address, so the same formatting rules apply (no spaces, special characters, etc. and nothing greater than 24 characters)

Option 1: Fill out this form to generate my NWSChat username.

Prefix / Affiliation:	First Name:	Middle Initial (optional): Last Name:			
Please select from list	-				

Option 2: If you believe the above format does not apply, please email the nwschatadmin@noaa.gov team and explicitly state your NWSChat Username preference.

3. Alias on Account

This is the 'alias' that your account will appear to others in their Buddy List. You should enter something descriptive of you and your organization. (Nothing greater than 36 characters)

- Include your call letters, if you are media (Ex: kwz-chief.meteorologist)
- Include your geography, if you are an ema (Ex: fulton-ga-ema-lastname)
- · Include your agency and office, if you are government (Ex: faa-memphis-lastname)

4. Contact Email Address

We may need to contact you with project news or announcements. Your email address will not be shared with anyone outside of this project

5. Your Phone Number

This is the phone at which you can be reached for further information, if needed. Your phone number will not be shared with anyone outside of this project!

6. Your Affiliation

This is the company, agency, office, etc... with which you work.

7. Password for your new Account

Password must be at least 12 characters and must contain at least one lower case letter, one upper case letter, and one digit or a special character. Password must contain 6 unique (non-repeating) characters.

Enter:	
Verify:	

8. Select one PRIMARY office/center to approve your account request

In order to gain access to NWSChat, your account request must be approved by a local office or center. Once approved, you will be able to chat with other offices/centers that you need to. If you don't have a local office/center, select the None option to have your account request sent to the NWSChat Manager.

No WFO Preference:

National Media Partner:

O NONE

Eastern Region:	Central Region:	Southern Region:	Western Region:	Alaska/Pacific Regions:	River Forecast Centers	CWSU (aviation)	Fire GACCs
 Binghamton (BGM) Buffalo (BUF) North Carolina: Morehead City (MHX) Raleigh (RAH) Wilmington (ILM) Ohio: Cleveland (CLE) Pennsylvania: Mount Holly (PHI) Pittsburgh (PBZ) State College (CTP) South Carolina: Charleston (CHS) Columbia (CAE) Greenville (GSP) Vermont: Burlington (BTV) 	Colorado: Denver (BOU) Grand Junction (GJT) Pueblo (PUB) Illinois: Chicago (LOT) Central Illinois (ILX) Indiana Contral Illinois (ILX) Indianapolis (IND) Northern Indiana (IWX) Dovenport (DVN) Davenport (DVN) Dose Moines (DMX) Kansas: Dodge City (DDC) Goodland (GLD) Topeka (TOP) Wichita (ICT) Kentucky: Jackson (JKL) Cousiville (LMK) Paducah (PAH) Michigan: Detroit (DTX) Grand Rapids (GRR) Marquette (MQT) Minnesota: Duluth (DLH) Minneapolis (MPX)	Puerto Rico/USVI: San Juan (SJU) Alabama: Huntsville (HUN) Mobile (MOB) Arkansas: Little Rock (LZK) Florida: Jacksonville (JAX) Key West (KEY) Melbourne (MLB) Miami (MFL) Ruskin (TBW) Tallahassee (TAE) Georgia: Atlanta (FFC) Lake Charles (LCH) Shreveport (SHV) Shreveport (SHV) Mississippi: Jackson (JAN) New Mexico: Albuquerque (ABQ) Oklahoma: Norman (OUN) Tulsa (TSA) Lemessee: Memphis (MEG) Nashville (MRX)	Arizona: Flagstaff (FGZ) Phoenix (PSR) Tucson (TWC) California: Eureka (EKA) San Joaquin Valley (HNX) Oxnard (LOX) Sacramento (STO) San Diego (SGX) San Francisco (MTR) Idaho: Boise (BOI) Pocatello (PIH) Montana: Billings (BYZ) Glasgow (GGW) Great Falls (TFX) Missoula (MSO) Nevada: Elko (LKN) Las Vegas (VEF) Reno (REV) Oregon: Medford (MFR) Portland (PGR) Utah: Sait Lake City (SLC) Washington: Seattle (SEW) Concerce (CTC)	 Anchorage (AFC) Fairbanks (AFG) Guam (GUM) Honolulu (HNL) Juneau (AJK) Samoa (SAMOA) 	 Alaska-Pacific (APRFC) Arkansas Red-Basin (ABRFC) California Nevada (CNRFC) Colorado Basin (CBRFC) Lower Mississippi (LMRFC) Mid Atlantic (MARFC) Missouri Basin (MBRFC) North Central (NCRFC) North Central (NCRFC) Northwest (NWRFC) Ohio (OHRFC) Southeast (SERFC) West Gulf (WGRFC) 	 Albuquerque (ZAB) Anchorage (ZAN) Atlanta (ZTL) Boston (ZBW) Chicago (ZAU) Cleveland (ZOB) Denver (ZDV) Fort Worth (ZFW) Houston (ZHU) Indianapolis (ZID) Kansas City (ZKC) Jacksonville (ZJX) Los Angeles (ZLA) Memphis (ZME) Miami (ZMA) Minneapolis (ZMP) New York City (ZNY) Oakland (ZOA) Satt Lake City (ZLC) Space Flight Meteorology 	Click for GACC map Alaska (AKCC) Eastern - East Half (EACCEAST) Eastern - West Half (EACCWEST) Eastern Great Basin (EGBC) National (NICC) Northern Rockies (NRCC) Northern California & Hawaii (ONCC) Southern California (OSCC) Rocky Mountain (RMCC) Southern - East Half (SACCEAST) Southern - West Half (SACCWEST) Southwest (SWCC) Western Great Basin (WGBC)