Volume 1.0

Be a Force of Nature!

The weather is constantly changing. One day it's sunny; and the next could be stormy. It's just how our planet works. There's a saying that "people like talking about the weather but can't do anything about it". But there is! You can be prepared for it. You can be Be a Force of Nature. Help the National Weather Service build a Weather-Ready Nation.

Be a Force of Nature by knowing what to do when dangerous weather strikes.

Flooding: Turn Around, Don't Drown!

Flooded rivers and roads covered by water are dangerous. Do not attempt to cross. Turn Around, Don't Drown!

Lightning: When Thunder Roars, Go Indoors !

There is no safe place outside when thunderstorms are in the area. If you hear thunder, you are in danger! Go indoors immediately.

Tornado: Get in, Get Down, Cover Up!

A tornado watch means that tornadoes are possible. A tornado warning means that a tornado has been sighted - seek shelter in a sturdy building immediately! If you're caught outside, lie flat on the ground. Do not attempt to outrun a tornado.

Hurricane: Be Prepared!

The Atlantic Hurricane season runs from June 1 to November 30 each year. Hurricanes cause heavy rain that can produce flood damage - even if you don't live on the coast. Make sure you know what to do if a hurricane threatens your home town. Be prepared by having three days of food and water on hand .

BE A FORCE OF NATURE

Heat: Beat the Heat!

Summer heat can be an extremely dangerous silent killer. When it gets hot, slow down. Drink plenty of water. Stay out of the sun until it cools off. Be smart and Beat the Heat.

Whether you're facing a powerful thunderstorm, a raging rain storm or a dangerously hot summer day, you can Be a Force of Nature by knowing your risk, and by being an example to your family, neighbors and friends.

Weather.gov

How hot is it? Will it rain tomorrow? Will severe weather ruin my day! Check the National Weather Service forecast at www.weather.gov

Become a Young Meteorologist!

Complete this free course and you can earn your own young Meteorologist Certificate Check out the Young Meteorologist Program at www.youngmeteorologist.org.

facebook.com/nws

twitter.com/nws

Owlie Skywarn Says:

- Lightning CAN strike in the same place twice, and can strike from a storm miles away.
- Tornado winds can reach over 300 miles per hour.
- Severe weather can strike any time of year, in every U.S. State and territory.
- Heat is the deadliest kind weather.
- As little as six inches of fast-moving flood waters knock over an adult - ima ine what it could do to y And rushing water just feet deep can carry aw most vehicles.

Weather.gov/owlie

https://www.facebook.com/

Weather.gov

NWS Partner Information Resource

Alexander.Tardy@noaa.gov (858-442-6016 cell) Office non-public 858-675-8705

Spot weather forecast for hazards, wildfires, SAR, special events or incidents:
http://weather.gov/SPOT

Spot forecast can include HYSPLIT plume trajectory modeling or contact NWS

California Fire Weather page: http://www.wrh.noaa.gov/firewx/cafw_NEW/index.php

Weather.gov/fire (one stop location for fire weather support and enhanced data display-EDD)

Digital.weather.gov

Subscription options are available on the **NWS Subscription page** http://www.weather.gov/subscribe

iNWS (free text message alerts for Emergency Management and media only)

- https://inws.ncep.noaa.gov (free text SMS push notification and email)
- ***Customize alert area*** *and hazard message types*
- *Clickable text for more details and radar graphic*
- *Download* ***Weather Informant*** *app for ANY text product or push notification*

NWSchat: 24/7 live chat room support https://nwschat.weather.gov/live/ (account required)

Impact Graphics @ www.crh.noaa.gov/crh/?/n=impact

Tsunami hazard messaging push notification from National Tsunami Warning Center
SMS service for National Tsunami Warning Center (Palmer, Alaska) can be replicated through our Twitter feed by sending a text from a text-enabled cell phone to number **40404** with the content "**Follow NWS_NTWC**"

Weather-Ready Nation: http://www.nws.noaa.gov/com/weatherreadynation/ (register to support!)
Mobile: mobile.weather.gov

Social Media:
Facebook page for NWS San Diego

Skype and Twitter @NWSSanDiego

http://www.youtube.com/NWSSanDiego YouTube Channel

Submit a weather report:
http://www.srh.noaa.gov/StormReport/SubmitReport.php?site=sgx

Links (http://weather.gov/sandiego)

http://www.nws.noaa.gov/com/weatherreadynation/ambassadors.html (Weather-Ready Nation ambassador)

http://www.nws.noaa.gov/wtf/udaf/area/?site=sgx (NEW area forecast creation using polygon)

http://www.wrh.noaa.gov/wrh/whv/?wfo=SGX (Hazards Viewer)

http://weather.gov/fire (fire weather all in one page, including Spot Weather Forecast)

http://www.wrh.noaa.gov/mesowest/gmap.php?map=sgx (ALL weather stations)

http://www.wrh.noaa.gov/wrh/travel/?wfo=sgx (travel page)
http://www.wrh.noaa.gov/wrh/rec/?wfo=sgx (recreation page)

http://preview.weather.gov/edd/ (NEW enhanced data display for all forecast information in layers)http://digital.weather.gov (NWS gridded products on Google map)

http://preview.weather.gov/edd/index.php?t=marine (NEW marine weather portal)

http://www.cpc.ncep.noaa.gov/products/forecasts/ (Climate Prediction Center outlooks)

rhttp://www.cnrfc.noaa.gov/?product=onetwentyhourP&product2 (ALL rain gauges on Google)

http://www.wrh.noaa.gov/warnings.php?wfo=sgx (local Warnings/Advisories/Watches)

http://www.wrh.noaa.gov/sgx/fcst/fcst.php?wfo=sgx (local Weather)

http://www.stormready.noaa.gov/ (Communities become NOAA StormReady!)

http://www.wrh.noaa.gov/sgx/marine/marine.php?wfo=sgx (marine weather links)

http://www.wrh.noaa.gov/sgx/media/media.php?wfo=sgx (assortment of weather links)

http://www.wrh.noaa.gov/sgx/digital/digital.php?wfo=sgx (digital graphics)

http://www.nws.noaa.gov/climate/xmacis.php?wfo=sgx (climate historical weather data via XmAcis)

http://www.wrh.noaa.gov/sgx/spotter/education.php?wfo=sgx (historical data and education)

http://www.wrh.noaa.gov/sgx/document/The_Weather_Guide.pdf (NWS San Diego weather guide)

http://www.nws.noaa.gov/om/guide/ (National Weather guide)

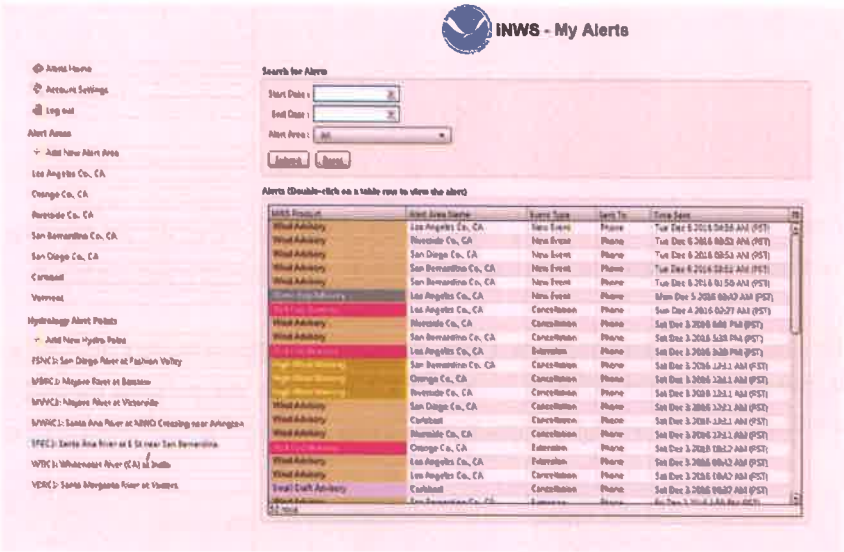
http://www.wrh.noaa.gov/sgx/misc/misc.php?wfo=sgx (astronomical)

http://www.wrh.noaa.gov/sgx/wrf/ (local Weather Models)

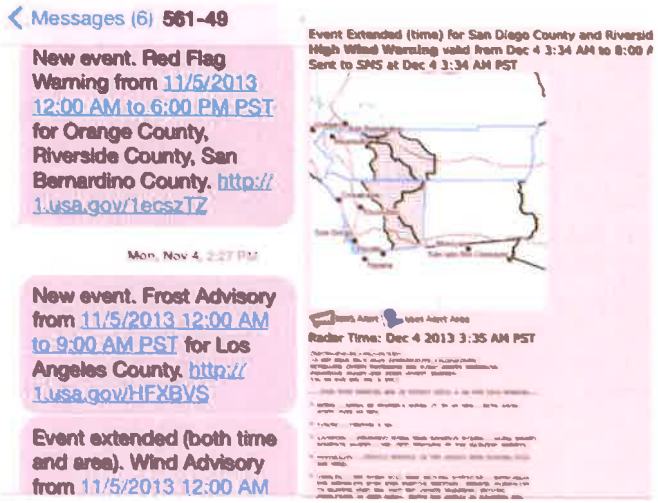
Interactive National Weather Service email and SMS text message push notification of ALERTS

Visit https://inws.ncep.noaa.gov/

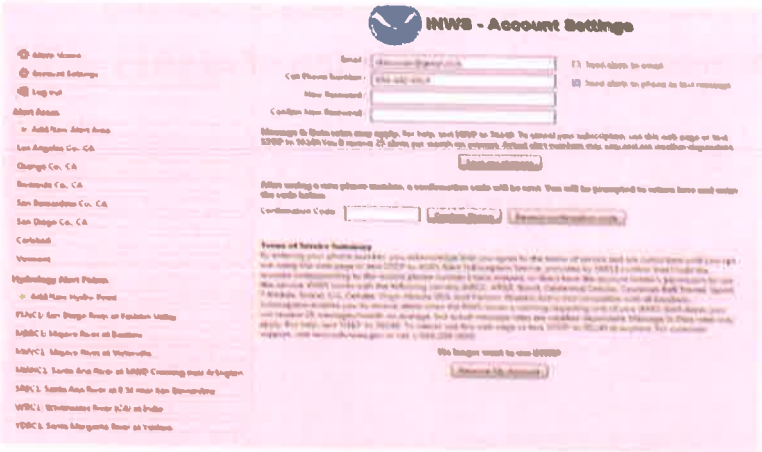
View recent ALERTS



As seen on your phone

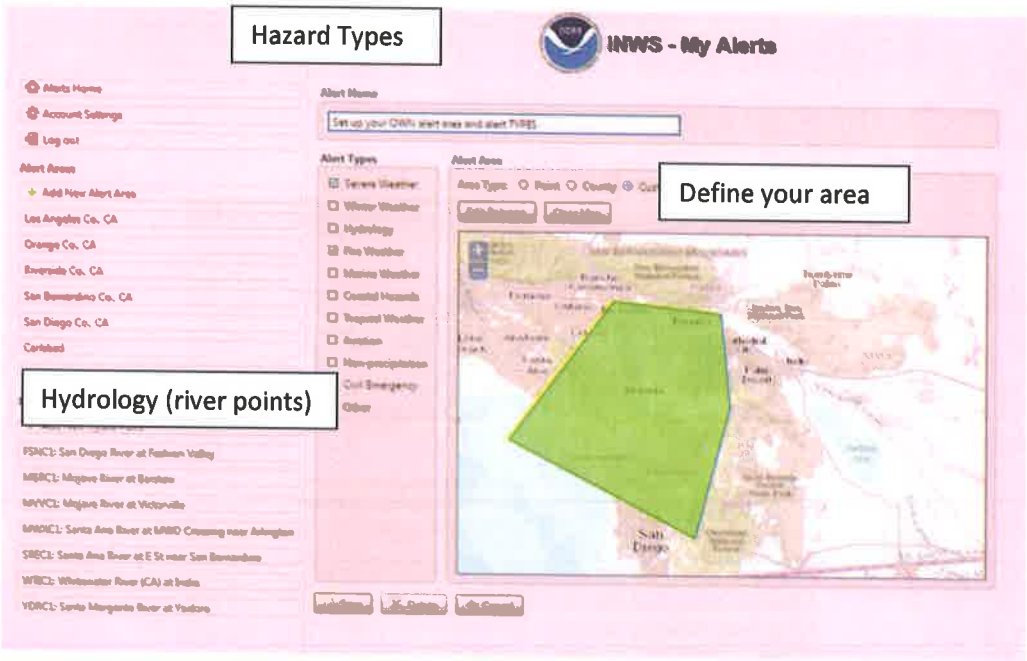


1. Sign up for free account (non public). Your email and PASSWORD.
2. Choose email and/or text message. Provide your cell phone number for text messages. As a text message, the user can click for more information (including radar).
3. You will need to enter the confirmation that will be sent to your phone as a SMS text (important!)



Account settings as shown in this example. ALERT areas are listed on the left side. The cell phone number was changed in this example so new confirmation was needed.

4. **Configure your ALERT area (counties, cities, zip codes, polygon) by 'ADDING new alert area'.** This is an important set for defining your ALERT area. Draw the polygon (or pick the cities, counties and zip codes). Select **Hazard Types** (other includes Special Weather Statement).



This example shows ALERT areas set up for a user defined area. Make sure the ALERT area is confirmed and correct (e.g, County, Polygon, Point). .

National Weather Service - San Diego

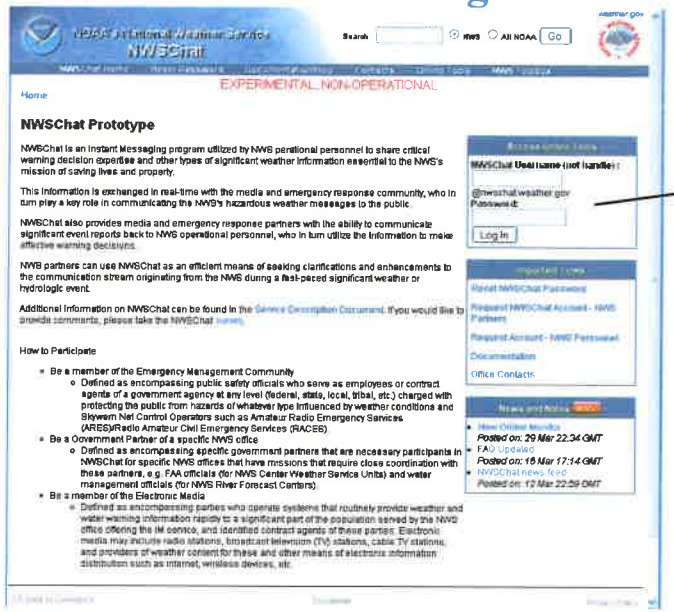
NWSChat Bot

The *nwsbot* is a computer program that automatically sends out NWS products to the chat room. These products include warnings, watches, mesoscale convective discussions, public information statements, etc. The bot is always in each room and streams new information when its issued.

Interactive Maps

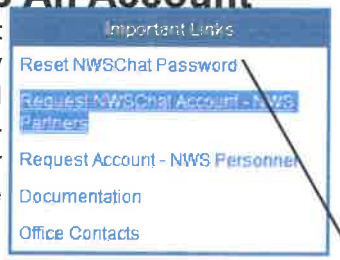
- **Available by clicking on the NWSChat *Bot* links in a NWSChat room**
- Provides polygon warning depictions on Google ™ Maps
- Displays "Storm Based Warning" history links including maps with storm reports
- Displays NWS RADAR data on Google ™ Maps
- Pin-points and details recent storm reports
- Links to text version of warnings, advisories and hazards

nwschat.weather.gov



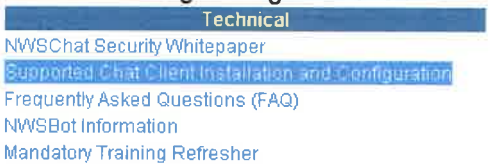
1. Setting Up An Account

New users must request an individual account by selecting the highlighted link and following the posted instructions. Group or office accounts will not be approved.



2. Setting Up A Chat Client

Under the "Important Links" section on the main page, select "Documentation". This will direct you to an additional set of links. In the Technical section, select the highlighted link below and follow instructions to set up your chat client to begin using NWSChat.



Online Access Tools

By logging onto the NWSChat site you can:

- Launch Web-based Jabber Client (Jeti)
- View Real-time Chatroom Monitor
- View Chatroom Logs
- Join/Leave Shared Rosters

3. Or use NWSchat "LIVE"

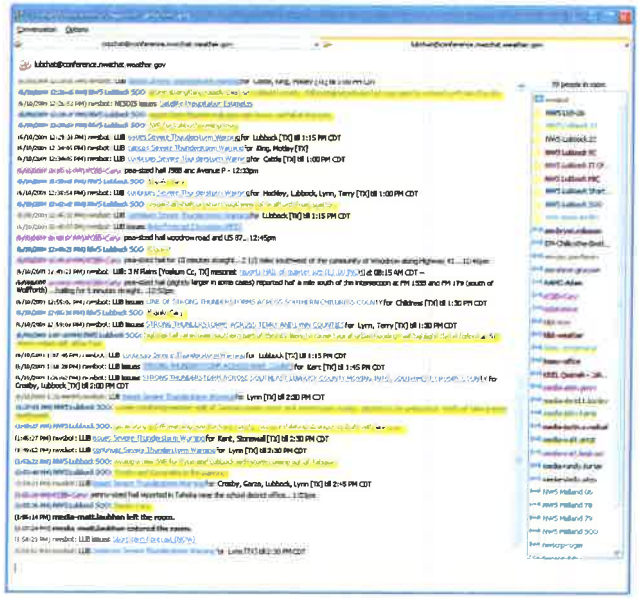
nwschat.weather.gov/live

No client needed

4. Reset NWSChat Password

This link is used to change or reset your password. Passwords must be changed every 180 days.

What is "NWSChat"?



NWSChat is a secure 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.

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.

nwschat.weather.gov

Who can 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 NWS River Forecast Centers).
- **Be a member of the Media**
  - Defined as encompassing parties who operate systems that routinely provide weather and 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.

NOAA's National Weather Service
NWSChat

National Weather Service

About NWSChat

Get streaming product and warning feeds
Chat securely with a meteorologist 24/7
Real-time weather reports
Monitor weather

LIVE!
nwschat.weather.gov/live
No client needed

weather.gov/sandiego

National Weather Service
San Diego Weather Forecast Office
11440 Rancho Bernardo Dr
San Diego, CA 92127
858-675-8700

nwschat.weather.gov