



# National Preparedness Month: Winlink EmComm Tools

South Pasadena Amateur Radio Club

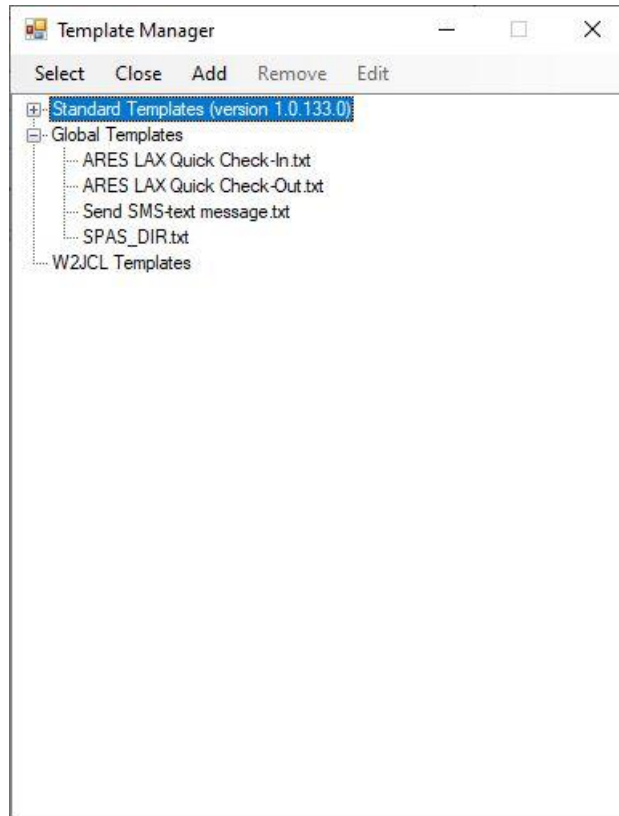
October 7, 2020

# Winlink EmComm Tools

- ▶ South Pasadena Disaster Information Report
- ▶ USGS Did You Feel It? Report
- ▶ ARRL Radiogram
- ▶ GPS/APRS Position Report
- ▶ SMS Text Message
- ▶ Severe Weather Report
- ▶ Many others...



# South Pasadena Disaster Information Report



# South Pasadena Disaster Information Report

File Edit View History Bookmarks Tools Help

Disaster Information Report

file:///C:/RMS Express/W2JCL/Temp/SPAS\_DIR\_Initial.html

Most Visited Free Dynamic DNS - ... Khan Academy | Free ... FCC License Data Sear... FEMA Independent St... CalTopo - Backcountr... Winlink Position Repo... EC-001 SKYWARN LOX

Disaster Information Report - City of South Pasadena						
This form is used for taking reports from field personnel and / or the general public						
Incident address: (*)			Facility/building name: (*)			
Description of problem: (*)						
Priority:	Critical/life safety	<input type="checkbox"/> Yes or No	Urgent	<input type="checkbox"/> Yes or No	Routine	<input type="checkbox"/> Yes or No
Damage reported by:			Agency/dept: phone #:			
Incident type:						
Damage report date: (*)	<input type="button" value="Click to Add Date"/>		Report time: (*)	<input type="button" value="Click to Add Time"/>		
Damage report taken by:			EOC position:			
Requires response?	<input type="checkbox"/> Yes or No	Then send to operations	Information only?	<input type="checkbox"/> Yes or No	Then send to planning	
Action taken:						
Follow up needed:						
Comments: (*)						
Originator: Any EOC/DOC position. Retain Copy						
Routing: Appropriate OPS section for response, Ops to retain copy. Then send to Situation Status (Plans/Intel Section)						
For major incidents, information in boxes marked with this symbol (*) needs to be posted to the appropriate Status Board						
<input type="button" value="Submit"/> <input type="button" value="Reset Form"/>						



# South Pasadena Disaster Information Report

Disaster Information Report - City of South Pasadena

This form is used for taking reports from field personnel and / or the general public

Incident address: (*)	1006 Mission Street	Facility/building name: (*)	Jones Coffee Roasters			
Description of problem: (*)	Broken water main					
Priority:	Critical/life safety	No	Urgent	Yes	Routine	No
Damage reported by:	Jeff	Agency/dept: phone #:	Public works			
Incident type:	Water damage					
Damage report date: (*)	2019-11-03	Report time: (*)	20:18			
Damage report taken by:	Bob	EOC position:	Logistics Chief			
Requires response?	Yes	Then send to operations	Information only?	No	Then send to planning	
Action taken:	Dispatched city crew					
Follow up needed:	Yes, need follow up					
Comments: (*)	Main shutoff valve has been closed					

Originator: Any EOC/DOC position. Retain Copy

Routing: Appropriate OPS section for response, Ops to retain copy. Then send to Situation Status (Plans/Intel Section)

For major incidents, information in boxes marked with this symbol (\*) needs to be posted to the appropriate Status Board



# South Pasadena Disaster Information Report

Disaster Information Report - City of South Pasadena

This form is used for taking reports from field personnel and / or the general public

Incident address: (*)	1006 Mission Street	Facility/building name: (*)	Jones Coffee Roasters
Description of problem: (*)	Broken water main		
Priority:	Critical/Very High	Emergency	No
Damage reported by:	Jeff		
Incident type:	Water damage		
Damage report date: (*)	2019-11-14		
Damage report taken by:	Bob		
Requires response?	Yes	Then send to operations	Information only?
			No
Then send to planning			
Action taken:	Dispatched city crew		
Follow up needed:	Yes, need follow up		
Comments: (*)	Main shutoff valve has been closed		

Originator: Any EOC/DOC position. Retain Copy

Routing: Appropriate OPS section for response, Ops to retain copy. Then send to Situation Status (Plans/Intel Section)

For major incidents, information in boxes marked with this symbol (\*) needs to be posted to the appropriate Status Board

To complete your form submission, click OK and close the open browser window. You will return to the new message window so you can post your message to the outbox



# South Pasadena Disaster Information Report

Enter a new message

Close Select Template Attachments Post to Outbox Spell Check Save in Drafts

From: W2JCL Send as: Winlink Message ☐ Request read receipt Set Defaults

To: WB6YJJ

Cc:

Subject: South Pasadena Disaster Information Report

Attach: RMS\_Express\_Form\_SPAS\_DIR\_Viewer.xml

1. Incident address: 1006 Mission Street  
2. Facility/building name: Jones Coffee Roasters  
3. Description of problem: Broken water main  
4. Priority  
Critical/life safety: No  
Urgent: Yes  
Routine: No  
5. Damage reported by: Jeff  
6. Agency/dept phone#: Public works  
7. Incident type: Water damage  
8. Damage report date: 2019-11-03  
9. Report time: 20:18  
10. Damage report taken by: Bob  
11. EOC position: Logistics Chief  
12. Requires response: Yes  
13. Information only: No  
14. Action taken: Dispatched city crew  
15. Follow up needed: Yes, need follow up  
16. Comments: Main shutoff valve has been closed



# USGS Did You Feel It? Report

- ▶ The effect of an earthquake on the Earth's surface is called the intensity. The intensity scale consists of a series of certain key responses such as people awakening, movement of furniture, damage to chimneys, and finally - total destruction. The intensity scale currently used in the United States is the Modified Mercalli (MM) Intensity Scale.
- ▶ The Modified Mercalli Intensity value assigned to a specific site after an earthquake has a more meaningful measure of severity to the nonscientist than the magnitude because intensity refers to the effects actually experienced at that place.

Source: <https://www.usgs.gov/natural-hazards/earthquake-hazards/science/modified-mercalli-intensity-scale>





# USGS Did You Feel It? Report

Intensity	Shaking	Description/Damage
I	Not felt	Not felt except by a very few under especially favorable conditions.
II	Weak	Felt only by a few persons at rest, especially on upper floors of buildings.
III	Weak	Felt quite noticeably by persons indoors, especially on upper floors of buildings. Many people do not recognize it as an earthquake. Standing motor cars may rock slightly. Vibrations similar to the passing of a truck. Duration estimated.
IV	Light	Felt indoors by many, outdoors by few during the day. At night, some awakened. Dishes, windows, doors disturbed; walls make cracking sound. Sensation like heavy truck striking building. Standing motor cars rocked noticeably.
V	Moderate	Felt by nearly everyone; many awakened. Some dishes, windows broken. Unstable objects overturned. Pendulum clocks may stop.
VI	Strong	Felt by all, many frightened. Some heavy furniture moved; a few instances of fallen plaster. Damage slight.
VII	Very strong	Damage negligible in buildings of good design and construction; slight to moderate in well-built ordinary structures; considerable damage in poorly built or badly designed structures; some chimneys broken.
VIII	Severe	Damage slight in specially designed structures; considerable damage in ordinary substantial buildings with partial collapse. Damage great in poorly built structures. Fall of chimneys, factory stacks, columns, monuments, walls. Heavy furniture overturned.
IX	Violent	Damage considerable in specially designed structures; well-designed frame structures thrown out of plumb. Damage great in substantial buildings, with partial collapse. Buildings shifted off foundations.
X	Extreme	Some well-built wooden structures destroyed; most masonry and frame structures destroyed with foundations. Rails bent.



# USGS Did You Feel It? Report

Earthquake: Did You Feel it?

Did You Feel It? (DYFI) collects information from people who felt an earthquake and helps create maps that show what people experienced and the extent of damage, this information is sent to the USGS.

[Click here to go to the USGS Web Site if you have Internet.](#)

[What is DYFI & More](#)

>>>> This Earthquake report is an ☒ Exercise ☐ REAL EVENT

Did you feel it? (REQUIRED)

☐ Yes ☐ No

Time of earthquake: (REQUIRED) Local Date and Time Format: 1/31/2020 09:15

Date:  Time:  [Click Date or Time Field to Modify](#)

(Opening this form inserts your current Date & Time, you may manually change by click in the field)

Your location - street address when the earthquake occurred: (REQUIRED)

<- Do not enter GPS coordinates here.

Optional GPS coordinates in the following format: 32.504892 -116.982466 LAT  LON

If you have a Winlink Express connected GPS device, the LAT/LON in decimal degrees will be entered for you.

The remainder of this form is optional. If you indicated NO, then do not answer the questions below. If you indicated YES, then the answers below will help to create intensity info for the USGS.



# USGS Did You Feel It? Report

## USGS Version

Tell us how you felt about the earthquake.

Did you feel it?

☐ Yes

☐ No

Time of earthquake

Local time (UTC-08:00 to UTC-05:00), or Relative time (0 minutes ago)

Your location when the earthquake occurred

Address, partial address, or geographic coordinates

Use a map to input and/or verify your location

The remainder of this form is optional. Help make a shaking intensity map by telling us about the shaking at your location.

Provide additional details

What was your situation during the earthquake?

## Winlink Version

Earthquake: Did You Feel It?

Did you feel it? (DFF) collects information from people who felt an earthquake and creates input that show what people experienced and the extent of damage. This information is sent to the USGS.

Click here to go to the DFF Site if you have internet.

Contact K6OLI with questions.

==== This Earthquake report is an: ☐ Exercise ☐ REAL EVENT This Prototype version currently under test.

The two fields in RED are REQUIRED

Did you feel it?

☐ Yes ☐ No

Time of earthquake (Local time: 1/10/2020 09:00 AM, or Relative Time 0 minutes ago)

09:00:00 AM to 10:00:00 AM (Warning: this form creates your current Date/Time, you may manually change)

Your location when the earthquake occurred

Address, partial address, or other coordinates in the LAT/LON format (see below)

Enter optional GPS coordinates in the following decimal format: LAT (decimal 10.00000) LONG (decimal 110.00000)

If you have a Garmin GPS connected GPS device, the LAT/LON in decimal degrees will be entered for you.

The remainder of this form is optional. Help make a shaking intensity map by telling us about the shaking at your location.

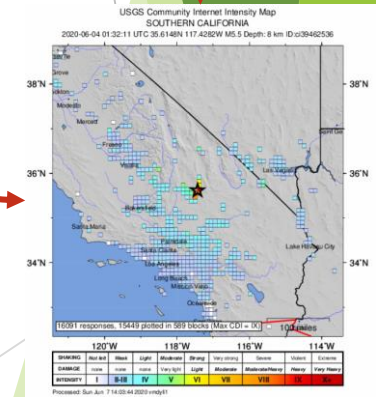
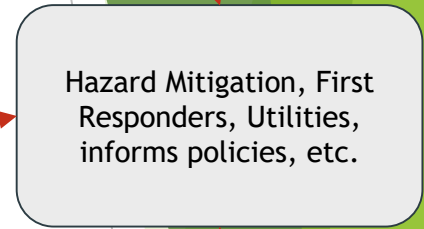
What was your situation during the earthquake?

—BEGIN json—

```
{
  "eventType": "EXERCISE",
  "fldSituation_felt": "1",
  "ciim_time": "6/8/2020 15:56 PM",
  "ciim_mapAddress": "90 Hurlbut, Pasadena, CA 91105",
  "ciim_mapLat": "34.1292",
  "ciim_mapLon": "-118.1561",
  "fldSituation_situation": "inside",
  "fldSituation_sleep": "no",
  "fldSituation_others": "2",
  "fldExperience_shaking": "1",
  "fldExperience_reaction": "0",
  "fldExperience_response": "no_action",
  "fldExperience_stand": "0",
  "fldEffects_doors": "1 slight",
  "fldEffects_sounds": "1 slight",
  "fldEffects_shelved": "0 rattled_slightly",
  "fldEffects_pictures": "0",
  "fldEffects_furniture": "0",
  "fldEffects_appliances": "0",
  "fldEffects_walls": "0",
  "d_text": "none",
  "language": "en",
  "timestamp": "1591656993244",
  "user_id": "K6OLI",
  "user_id_type": "Callsign",
  "form_version": "Winlink form V 0.4.6.10"
}
```

—END json—

JSON



End User



# ARRL Radiogram

Amateur Radio RADIOGRAM Text Creator <a href="#">Read Help and Instructions!</a>						
<b>Number</b> 18 <input type="checkbox"/> SVC (Handler use)	<b>Precedence</b> R EMERGENCY P W <small>Emergency not in use at this time.</small>	<b>Handling Instructions</b> NONE HXA HXB <a href="#">HXC Help</a> ADD MORE HX INFO	<b>Station Of Origin</b> W2JCL <small>Change if not you.</small>	<b>Check</b> 0	<b>Place of Origin</b>	<b>Time</b> Optional <input type="radio"/> UTC Time <input type="radio"/> Local Time <input checked="" type="radio"/> No Time
<b>Date</b> SEP 7						
<b>TO:</b> Name: <input type="text"/> FIRST AND LAST NAME MINIMUM      Call Sign: <input type="text"/> IF ANY OR KNOWN Address: <input type="text"/> OPTIONAL City / Town: <input type="text"/> VERIFY YOUR SPELLING      State or Province: <input type="text"/> ST <a href="#">2 Letter Codes</a> Zip: <input type="text"/> USA/CAN Country: <input type="text"/> OPTIONAL Phone: <input type="text"/> 555 555 5555      Extension: <input type="text"/> #'s ONLY      E-mail: <input type="text"/> NEED EMAIL, PHONE, OR BOTH TO ENSURE DELIVERY. Op Note about this Radiogram: <input type="text"/> OPTIONAL - KEEP IT SHORT!						
<b>MESSAGE TEXT</b> Check: <input type="text"/> 0 <a href="#">ARRL Message Numbering Help</a> <div style="border: 1px solid black; height: 80px; margin-top: 10px;"><small>SUGGESTION IS NO MORE THAN 25 GROUPS (WORDS)</small></div> <a href="#">Click here to preview for accuracy BEFORE you SUBMIT</a>						
Signature (name) of person for whom message originated: <input type="text"/> PERSON WHO ORIGINATED THIS MESSAGE Operator Note: <input type="text"/> OPTIONAL - KEEP IT SHORT!						
>>> <a href="#">NOW CLICK HERE and select a Liaison Station</a> <<< <input type="text"/> YOU MAY ENTER ANY ADDRESS HERE <input type="button" value="Submit"/> <input type="button" value="Reset Form"/> <small>Contact KB1TCE about this form: Ver 10</small>						



# GPS/APRS Position Report

GPS Decimal Position Report for Winlink - Decimal Converter

Load Position Data

Last Saved: Position Report 2020-08-27 19\_16.txt

Date/Time2020-09-07 20:26:04ZClick for current UTC Time

Manually Enter your Decimal Degrees:EXAMPLE: 38.5567, -121.7932Click any where to use

(if no connected GPS)Example: 38.5567, -121.7932 (note the comma)

Comment: Limited to 148 characters

HINT: You will be prompted to save your Position Data BEFORE you Submit. Save the data if you want to DELETE the sent position later. To do so, just use Load Position Data and change the Comment box to **DELETE** in all caps. Now Submit this new report. It will be deleted from all Winlink System lists and maps, but not APRS FI.

External data if GPS is connected:  
34-06.12N 118-08.78W

Click to Use connected GPS LAT LON

Your attached GPS device needs to be configured and working in Winlink Express.

Copy/Paste Current Coordinates converted for use with other mapping programs:

Position in Decimal Degrees: <input type="text"/> Copy to Clipboard	Position in Degrees and Decimal Minutes <input type="text"/> Copy to Clipboard
Position Grid Square <input type="text"/> Copy to Clipboard	Position NATO/MGRS (Military Grid Reference System) <input type="text"/> Copy to Clipboard <input type="checkbox"/> Format with spaces

THE WINLINK CMS DOES NOT ACCEPT A TACTICAL ADDRESS. ONLY BASE CALLS. - APRS FI KEEPS POSITION REPORTS & COMMENTS FOR 2 YEARS.

SubmitReset Form

Form Concept from LAX ARES CA

Current Winlink Sender: W2JCL

Ver 7.2



# SMS Text Message

Send SMS/Text message			
<div>Load SMS Data</div>			
Cell phone number: <input type="text"/>	Carrier <div>Select Carrier ▼</div>	<div>Add #</div>	Send to addresses: <div><div></div><div>Clear addresses</div></div>
<div>Rectangular Snip</div>			
Subject: <input type="text"/>			
SMS/text Message (140 characters) <div><div></div></div>			
<div>Save SMS Form Data</div>	<div>Submit</div>	<div>Reset Form</div>	Ver 1.0



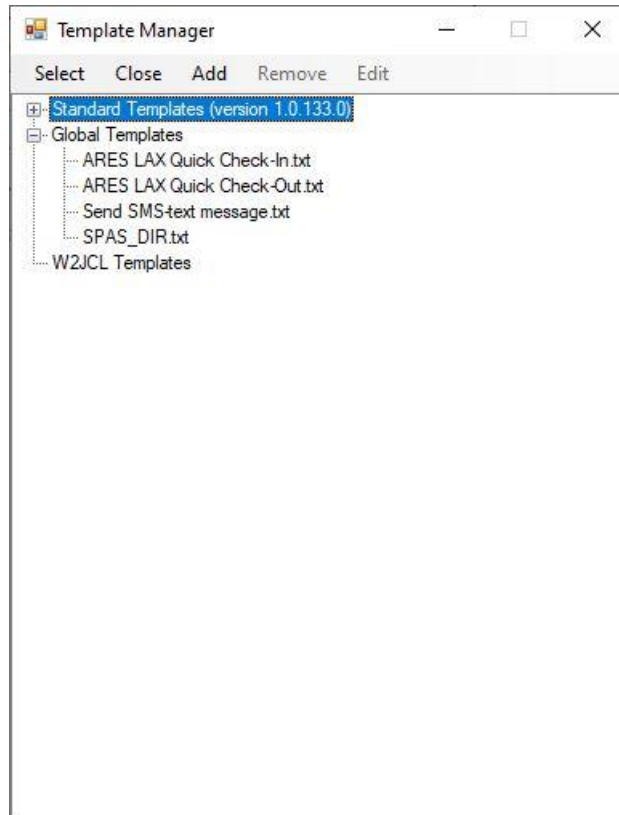


# Severe Weather Report

SEVERE WEATHER REPORT	
<input type="button" value="Load Severe WX Data"/>	
Sender <input type="text" value="W2JCL"/>	
Report Date/Time (local) <input type="button" value="Click to Add Date/Time"/>	Report Version (Select one): <input checked="" type="radio"/> Initial <input type="radio"/> Update <input type="radio"/> Final Message
<i>Fill in what you can. This form sends data as plain text to your recipient(s).</i>	
Reporting Party Name <input type="text"/>	
Reporting Party Phone Number <input type="text"/>	
Reporting Party Email Address <input type="text"/>	
<b>EVENT AREA</b>	
State/Province/Region <input type="text"/>	County <input type="text"/>
City <input type="text"/>	Other <input type="text"/>
Optional Decimal GPS Coordinates <input type="text" value="34.1020, -118.1464"/> <i>Auto filled via a connected GPS device or enter manually</i>	
<i>(If entering GPS coordinates manually, use decimal format. Example: 32.5042,-116.9834 Note the comma)</i>	



# Custom Winlink Forms





# Custom Winlink Forms

- ▶ Download

- ▶ [https://www.southpasradio.org/wp-content/uploads/2020/10/Winlink\\_templates\\_201007.zip](https://www.southpasradio.org/wp-content/uploads/2020/10/Winlink_templates_201007.zip)

- ▶ Install

- ▶ C:\RMS Express\Global Folders\Templates



# Software (as of 10/7/2020)

- ▶ Winlink - version 1.5.32.0
  - ▶ [https://downloads.winlink.org/User Programs/](https://downloads.winlink.org/User%20Programs/)
- ▶ Soundmodem - version 1.05
  - ▶ <http://uz7.ho.ua/packetradio.htm>
- ▶ VARA FM - version 3.1.1
  - ▶ <https://rosmodem.wordpress.com/>
- ▶ VARA HF - version 4.0.4
  - ▶ <https://rosmodem.wordpress.com/>

