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Shakeout Winlink Exercise

Exercise ID: 2023SHAKEOUT



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Scenario

THIS IS AN EXERCISE

On October 19 at 1019 local time an earthquake with [Modified Mercalli Intensity 5+](#) rocks your area.

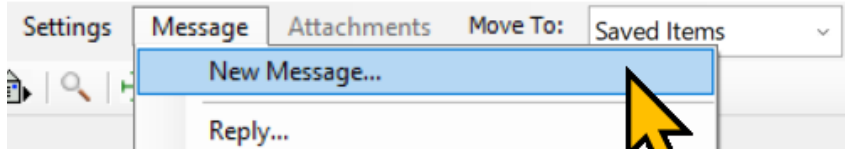
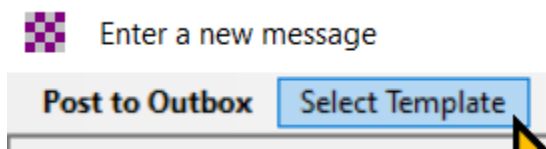
1. At 1019 local time [DROP, COVER, HOLD ON](#).
2. Ensure the safety of your families, property and neighbors.
3. **Send a Winlink USGS DYFI Exercise report with Exercise ID: 2023SHAKEOUT to USGS.**

THIS IS AN EXERCISE

Objectives

- Send a **Winlink DYFI report to USGS** within 1 (one) hour of the earthquake at 1019L.
 - Note: It is okay to send your DYFI report later in the day. Some radio operators send their reports after work, for example. But please ensure that your time is 10:19.
 - We coordinated the **Exercise ID 2023SHAKEOUT** with USGS to make Shakeout reports easy to identify. Please use it!
- **Use RF** if you can
 - But Telnet is okay, too.
- **Have fun** in the process.

How to Send a Winlink DYFI Report

In Winlink Click on Message > New Message...	 A screenshot of the Winlink software interface showing the 'Message' menu. The menu is open, and the 'New Message...' option is highlighted in blue. A yellow mouse cursor is pointing at the 'New Message...' option. Other menu items visible include 'Settings', 'Attachments', 'Move To:', 'Saved Items', and 'Reply...'. There are also search and navigation icons to the left of the menu.
Click on Select Template	 A screenshot of the 'Enter a new message' dialog box in Winlink. The dialog has a purple checkered icon on the left. Below the icon, the text 'Enter a new message' is displayed. At the bottom of the dialog, there are two buttons: 'Post to Outbox' and 'Select Template'. The 'Select Template' button is highlighted in blue, and a yellow mouse cursor is pointing at it.

Double-click on **Standard Templates**
Double-click on **USGS**
Double-click on **USGS DYFI.txt**

- Standard Templates (version 1.0.238.0)
 - ARC Forms
 - CA STATE Forms
 - CANADIAN Forms
 - FEMA Forms
 - FMRE Forms
 - GENERAL Forms
 - GENERAL MEDICAL Forms
 - HI STATE forms
 - HICS Forms
 - IARU Forms
 - ICS USA Forms
 - MAPPING-GIS FORMS
 - OR STATE Forms
 - RADIOGRAM & RRI Forms
 - SC STATE Forms
 - SHARES Forms
 - TX STATE Forms
 - USGS
 - USGS DYFI Espanol.txt
 - USGS DYFI.txt**
 - WA STATE Forms
 - WEATHER Forms
 - Changelog.txt
 - Global Templates
 - K6OLI Templates

Winlink DYFI Form Entries for SHAKEOUT

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.

The USGS email address is filled when clicking SUBMIT below.
Send the DYFI report to USGS via Winlink Telnet or via RF through any internet connected RMS.

Use this Winlink form to submit **EXERCISE and REAL EVENT earthquake reports** to USGS.

Learn more about earthquake hazards at the [USGS Earthquake Hazards Website](#) (available online only).

[What is DYFI & More](#)

>>> This Earthquake report is a(n) **EXERCISE** **REAL EVENT**

Optional Exercise ID:

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, city, and state when the earthquake occurred: (REQUIRED)

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.

1. Winlink DYFI Form Entries

Entries highlighted in **YELLOW** are the same for all Shakeout participants using Winlink.

Entries highlighted in **GREEN** are user specific.

This Earthquake report is an	EXERCISE	
Exercise ID:	2023SHAKEOUT	USGS is asking that all Winlink participants use the same Exercise ID of 2023SHAKEOUT
Did you feel it?	YES	
Time of earthquake:		
Date:	10/19/23	

Time:	10:19	Note: time is local time
Your location:	<enter your complete street address>	Format example: 1234 Main St., Anytown, CA 11111, USA
GPS coordinates:	Enter your latitude and longitude in decimal degrees.	4 decimals preferred, e.g. 34.1431, -118.3215 Youtube: How to check your latitude and longitude using Google Maps.
Intensity Survey Questions:	Answer as if reporting an earthquake with Modified Mercalli Intensity 5 or higher.	Youtube: Winlink USGS DYFI Step-by-step Instructions PDF: Winlink USGS DYFI Example Answers for MMI 5 Earthquake
Additional comments:	<p>Enter any additional information.</p> <p>For example, enter your agency or volunteer radio group name (ARES District, ECT, Kentucky Winlink Net, etc.) or the mode (Telnet, VARA FM or HF, Packet, PACTOR, Mesh,) and band you plan on sending your DYFI exercise report with.</p>	
EEW Survey:	Optional Earthquake Early Warning (EEW) survey (does not affect the intensity calculations). You may provide USGS with sample data, if you wish.	
Click Submit		

2. Winlink DYFI Message To and CC

To:	<p>dyfi_reports_automated@usgs.gov</p> <p>Note: this is the official USGS address; it is automatically filled in; leave as is please. Note: You must send the report via an internet connected RMS gateway or via Telnet for USGS to receive it. USGS does not monitor P2P or Radio-Only.</p>
Cc:	<p>SHAKEOUT;dyfi@vccomm.org;QUAKE-23</p> <p>Note: please add the CC addresses manually.</p> <p>Explanation of Courtesy Copies (CC:) - these are optional but encouraged:</p> <ul style="list-style-type: none"> ❖ SHAKEOUT tactical address which allows the Winlink Development Team to map your entry as it is received. Also used to compare with USGS data. ❖ dyfi@vccomm.org a courtesy service provided by Ventura County ARES/ACS. Ventura County ARES/ACS will send you a message receipt for your DYFI (USGS does not send message receipts).

❖ **QUAKE-23** tactical address that provides your DYFI to a number of government agencies other than USGS. Contact Steve K4CJX for details.

You may add additional localized CC: addresses if you and your group wish to receive DYFI reports locally.

ShakeOut Resources for Volunteer Radio Groups

RATPAC

[Planning for the Great California Shakeout '22](#)

Wavetalkers

Check out the [Wavetalkers Shakeout presentation by Oliver K6OLI](#).

Chapters

[ShakeOut Exercise for Volunteer Radio Groups](#) (10:15)

[Survey and Respond with Winlink](#) (16:53)

[Winlink GPS Information](#) (34:00)

[Winlink DYFI Form Step-by-step Walk-through](#) (35:34)

[Mapping Received DYFI Reports Locally in Winlink](#) (49:31)

[Questions and Answers Session](#) (53:34)

Shakeout and USGS Resources

Register Your Group with ShakeOut

Group coordinators are encouraged to register their volunteer radio club or group.

Registration is free and ShakeOut will provide a Certificate of Participation. Certificates are a great way to demonstrate your commitment to communications excellence to your community, agencies and/or partners.

[Register here](#)

See the other [Volunteer Radio Groups](#) registered for Shakeout.



2022 USGS ShakeOut Scenario Map

For the volunteer radio group DYFI report results of the 2022 Shakeout please see the USGS M8.5 ShakeOut scenario map: https://earthquake.usgs.gov/scenarios/eventpage/usso2022_se/executive

Modified Mercalli Scale

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.

More information: <https://www.usgs.gov/programs/earthquake-hazards/modified-mercalli-intensity-scale>

Drop, cover, hold on!

If You Feel Shaking or Get an Alert:

If Possible



Using Cane



Using Walker



Using Wheelchair



EarthquakeCountry.org/step5



More information: <https://www.shakeout.org/>

Thank you!

We would like to thank all stations that participate in this exercise!

Author: [Oliver K6OLI](#)

Last Update: Sep 18, 2023