

Severe WX Report

Exercise Message Submission Window

- July 13 00:00 UTC - July 14 15:00 UTC
- DateTime Window for section two if one exists

Difficulty Level: **Basic**

Purpose: To demonstrate the basic understanding and the ability to send 1) a correctly formatted and 2) Winlink mappable Severe Weather Report to a Net Control Station or an Exercise Leader.

Objectives:

- Use Winlink Express to create and send the mappable Winlink Severe Weather Report Form.
- Properly enter the Latitude and Longitude in a Winlink Mappable Form.
- Use the provided simulated weather conditions to complete your update report.

Resources:

- General Notes on Frequently-Seen Mistakes:
https://emcomm-training.org/Winlink_Thursdays.html
- Finding your ETO clearinghouse: <https://emcomm-training.org/General-Drill-Info.html>
- Simulated Weather Bulletin (below)
- Station Weather Conditions (below)

Continue to the next page for the instructions.

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Simulate Weather Bulletin

Flood Threat Returns Over Exercise Area As Cold Front Provides Severe Storm Potential

Issue Date: Wednesday, July 12th, 2023

Issue Time: 10:25 AM (exercise participant time)

A MODERATE flood threat has been issued for the counties surrounding each exercise participant. A NWS Flood Warning is in effect for portions of local rivers. Heavy rainfall is likely to continue late tonight through the overnight. Overnight flood threats include the potential for flooding and flash flooding. A PM update is likely as there is the potential for an upgrade to a High threat.

Current Station Weather Conditions

Heavy rainfall began three hours ago with one inch of rain the first hour. Additional rainfall has increased to two inches for each hour for the last two hours causing widespread flooding. Current temperature is 65°F. Wind conditions have increased to 55 mph over the last 30 minutes causing roof damage on older homes. Water Rescue Teams have been activated to support trapped residents.

Exercise Instructions:**Open and select the form.**

1. Open the Winlink Express application.
2. Click on the *Message \ New Message* menu item.
3. Verify that *Send As* is set to **Winlink Message**.
4. **Optional:** Check the check box for *Request message receipt*.
5. Click on *Select Template* and then double click on *Standard Templates*.
6. Scroll down and Click on *Weather Forms*.
7. Select *Severe WX Report* and double click on it to open it.
 - The Severe Weather Report will open in your default browser.

Fill out the Top section

1. Fill out the Sender. (This should be your call sign)
2. Complete Report Date/Time.
3. Select Update Report.

Fill out the 2nd section

1. Fill out reporting party name.
2. Fill out reporting party phone number. (Do not use real phone number)

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3. Fill out reporting party email address. (Do not use real email address)

Fill out the Event Area

1. Enter your City.
2. Enter your State/Province/Region.
3. Enter your County.
4. Leave Other blank.
5. Enter your station's latitude and longitude.
6. Verify your Grid Square is correct.

Fill out the Observed Event Conditions

(Note: Use data from Current Station Weather Condition on page 2)

1. Select Flood Status.
2. Select None for hail size.
3. Enter High Wind Speed (mph)
4. Select None for Tornado/Funnel Cloud.
5. Select Wind Damage.
6. Select None for Winter Precipitation.
7. Enter 0 for Snow.
8. Enter 0 for Freezing rain.
9. Enter total heavy rain in inches and time period.

Fill out the Additional Information in the box provided

To denote an exercise message, enter EXERCISE, Water Rescue Teams deployed.

Submitting the form

1. **Optional:** Click on the Save Severe WX Data button and follow prompts.
2. Click on the Submit button.
3. Handle intermediate pop-up(s) such as Message Subject
4. Click **OK** on the pop-up dialog box to close it.
5. Close the browser

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Sending the message

1. Enter your ETO clearing house address and ETO-BK in the *To:* line.
2. **Optional:** Enter your internet email address in the *CC:* line.
3. Click on *Post to Outbox* on the menu bar.
4. Check the Outbox folder to verify your message is in the Outbox.
5. Select your session type from the drop-down list to the right of the *Open Session* button.
6. Click the *Open Session* button.
7. The Open Session Window will open.
8. If applicable, pick an appropriate *Channel Selection*
9. Click Start to send your message.
10. Close the Session window.
11. Close the Winlink Express window.

Note: ETO-BK (a backup address to mitigate potential primary clearinghouse issues.)

End of Exercise: See the next page for an example of a completed Severe Weather Report Form that would receive the maximum score for the exercise.

Example of Completed Severe Weather Report

SEVERE WEATHER REPORT	
Load Severe WX Data	
Sender: <input type="text" value="KN4IOU"/>	
Report Date/Time (local): <input type="text" value="2023-07-03 15:18:57"/>	Report Version (Select one): <input type="radio"/> First Report <input checked="" type="radio"/> Update Report <input type="radio"/> Final Report
Reporting Party Name: <input type="text" value="Sally Marshall"/>	
Reporting Party Phone Number: <input type="text" value="540-235-1212"/>	
Reporting Party Email Address: <input type="text" value="smarshall@gmail.com"/>	
EVENT AREA	
City: <input type="text" value="Front Royal"/>	State/Province/Region: <input type="text" value="VA"/>
County: <input type="text" value="Warren"/>	Other: <input type="text"/>
Latitude and longitude: LAT: <input type="text" value="38.933400"/> LON: <input type="text" value="-78.152180"/> MGRS: <input type="text" value="17SQD4685013242"/> Grid: <input type="text" value="FM08ww"/>	
<p><i>LAT/LON and MGRS default to the center of the grid square listed in Express Settings, unless a GPS is used or Lat/LON or MGRS are entered manually.</i></p> <p><i>If sending report for someone else, do not use your GPS Lat/Lon, obtain theirs if available and manually enter in decimal format.</i></p>	
OBSERVED EVENT CONDITIONS	
<i>Check All That Apply</i>	
Flood: <input type="text" value="Wide Spread Flooding"/>	
Hail size: <input type="text" value="None"/> inches	
High Wind Speed (mph): <input type="text" value="55"/> View Wind Speed guidelines	
Tornado / Funnel Cloud: <input type="text" value="None"/>	
Wind Damage: <input type="text" value="Roof or Structural Damage"/>	
Winter Precipitation: <input type="text" value="None"/>	
Snow: <input type="text" value="0"/> inches	
Freezing Rain: <input type="text" value="0"/> inches	
Heavy Rain: <input type="text" value="5"/> inches. Time period: <input type="text" value="3"/> hours <small>Report 1" or greater in an hour and every inch thereafter, 2 inches or greater storm total.</small>	
Additional Information or Damage Descriptions <i>(Be Brief)</i>	
<input type="text" value="EXERCISE, Water Rescue Teams deployed."/>	
<input type="button" value="Save Severe WX Data"/> <input type="button" value="Submit"/> <input type="button" value="Reset Form"/> Ver 3.6	