



SETTING UP YOUR WINLINK MAP AND GPS LOCATION

KB7RHI



WI-FI Access

WI-FI
Seaside Convention

PASSWORD
seasideisfun

SEASIDE
CIVIC AND CONVENTION CENTER



The Winlink program has several mapping features

- ★ When using a GPS Location, you will want to **first select a map to download** and save while you have an internet connection
- ★ Lets look at the steps to set up your map choice



Winlink has a built-in mapping feature, you can select which map you want to use...click on the Globe icon

Winlink Express 1.7.23.1 - K7CLL

K7CLL Add Callsign Settings Message Attachments Move To: Saved Items Delete Open Session: Telnet Winlink Logs Help



No active session.

	Date/Time	Message ID	Size	Source	Sender	Recipient	Subject
	2025/05/11 15:40	37ZSVHQGLN7H	247	KB7RHI	KB7RHI	K7CLL	Test message without using a GPS dongle
	2025/05/10 03:05	SOTJ71HLBEBY	237	KB7RHI	KB7RHI	K7CLL	Test message with a GPS dongle attached
	2025/05/08 14:09	ZW3PTFJSHJUJ	180	KB7RHI	KB7RHI	K7CLL	test
	2025/04/01 23:14	GI6VH8KS0VIG	101083	KB7RHI	KB7RHI	K7CLL	test send
	2025/04/01 22:33	4HXNIMJU7AMS	46218	KB7RHI	KB7RHI	K7CLL	test

System Folders

- Inbox (0 unread)
- Read Items (0)
- Outbox (0)
- Sent Items (7)
- Saved Items (0)
- Deleted Items (0)
- Drafts (0)

Personal Folders

Global Folders

- SEAPAC2025 (0)

Contacts

Message ID: 37ZSVHQGLN7H
Date: 2025/05/11 15:40 (UTC)
From: KB7RHI
To: K7CLL
Source: KB7RHI
Downloaded-from: Telnet:cms.winlink.org
Location: 45.770833N, 122.541667W (GRID SQUARE)
Subject: Test message without using a GPS dongle

test



The Winlink program needs a data point first

Winlink program needs a data point first
before you can open up a **map to
display**

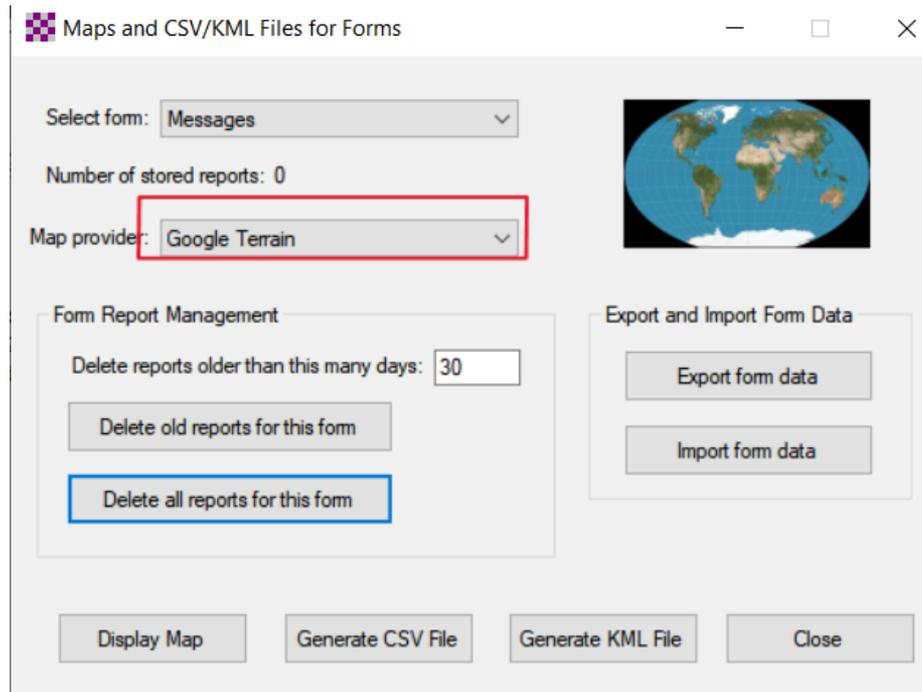
You need to have at least one **Winlink
message** sent your inbox first

Someone can send a Telnet message to
your inbox

Once you have a Winlink message in
your inbox...proceed to the next slide



The Winlink Program can download and store a map provider of your choice while you have internet...I would recommend “Google Terrain”



Maps and CSV/KML Files for Forms

Select form: Messages

Number of stored reports: 0

Map provider: Google Terrain

Form Report Management

Delete reports older than this many days: 30

Delete old reports for this form

Delete all reports for this form

Export and Import Form Data

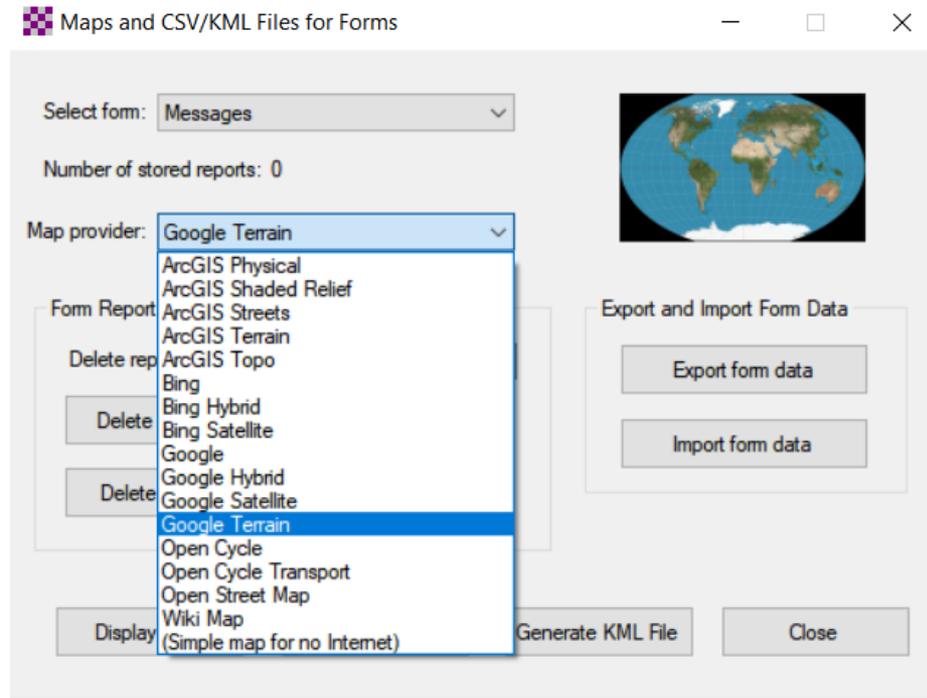
Export form data

Import form data

Display Map Generate CSV File Generate KML File Close



Here are the map provider choices... the default map is Bing



Once you select your map provider, then click on “Display Map”...this will download your map while you have internet...do this before an event

Maps and CSV/KML Files for Forms

Select form: Messages

Number of stored reports: 0

Map provider: Google Terrain

Form Report Management

Delete reports older than this many days: 30

Delete old reports for this form

Delete all reports for this form

Export and Import Form Data

Export form data

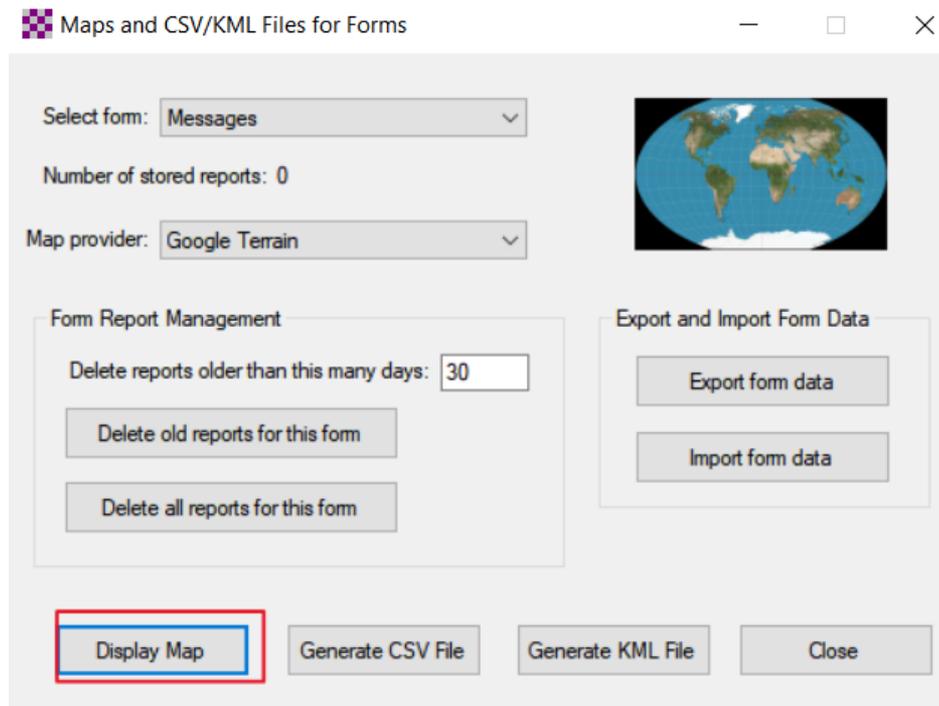
Import form data

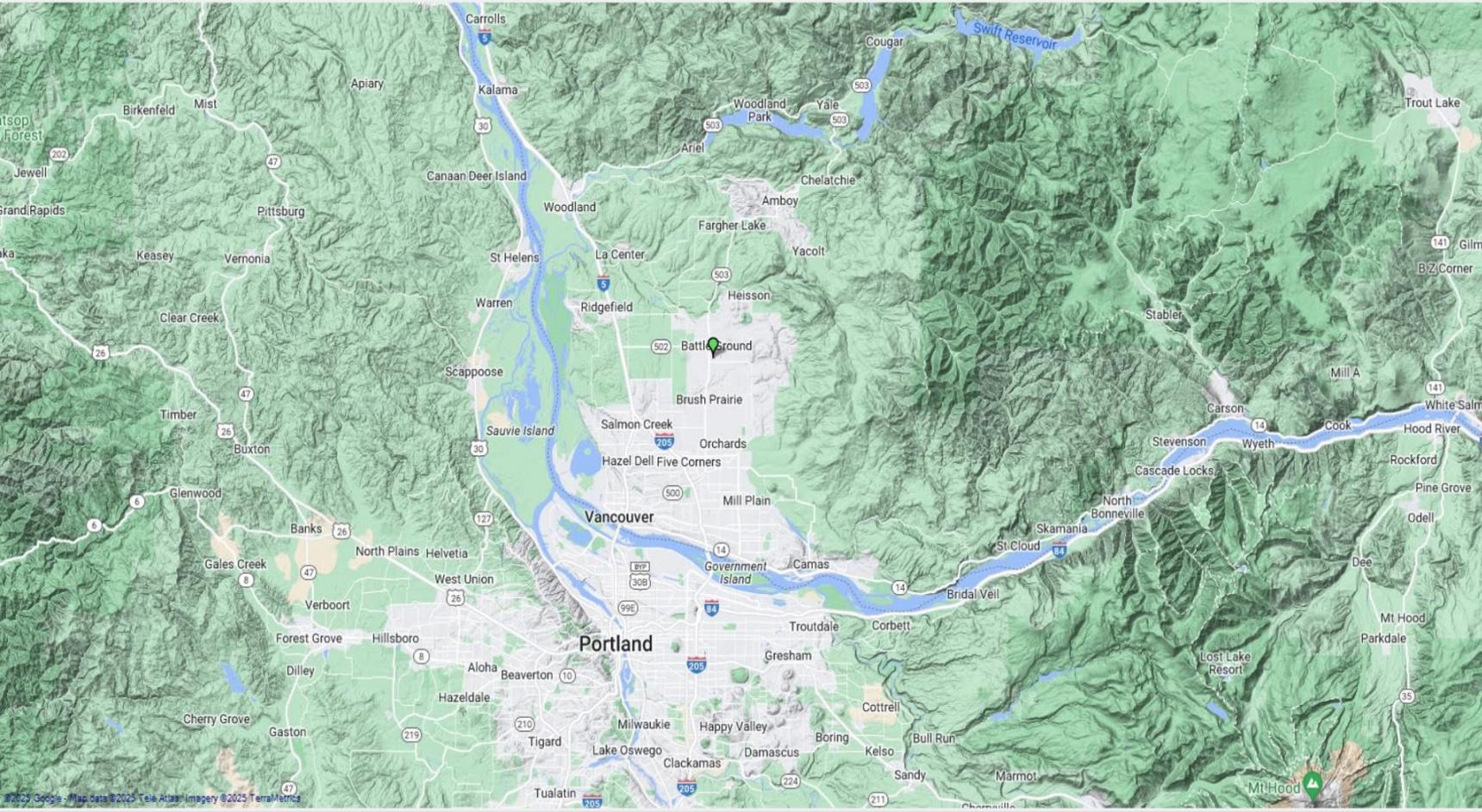
Display Map

Generate CSV File

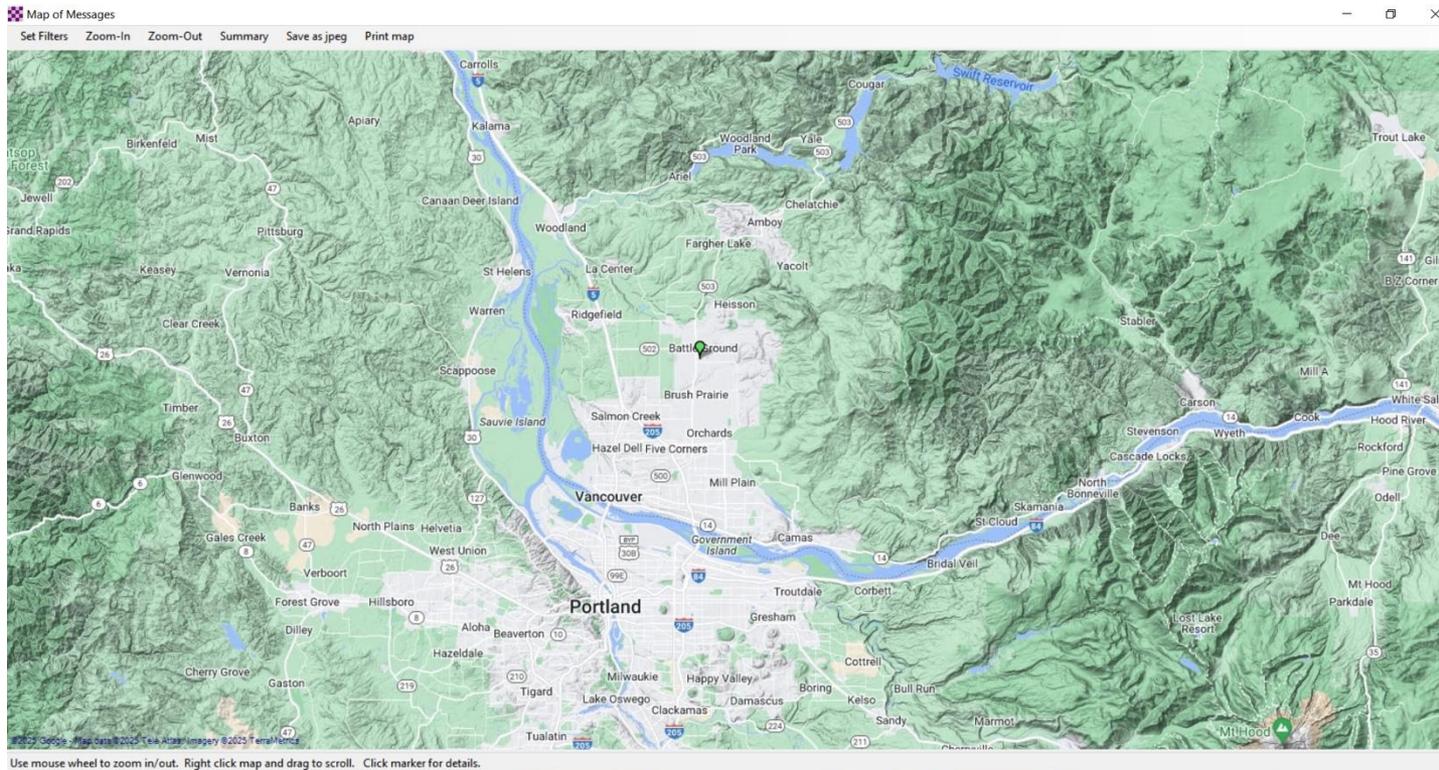
Generate KML File

Close

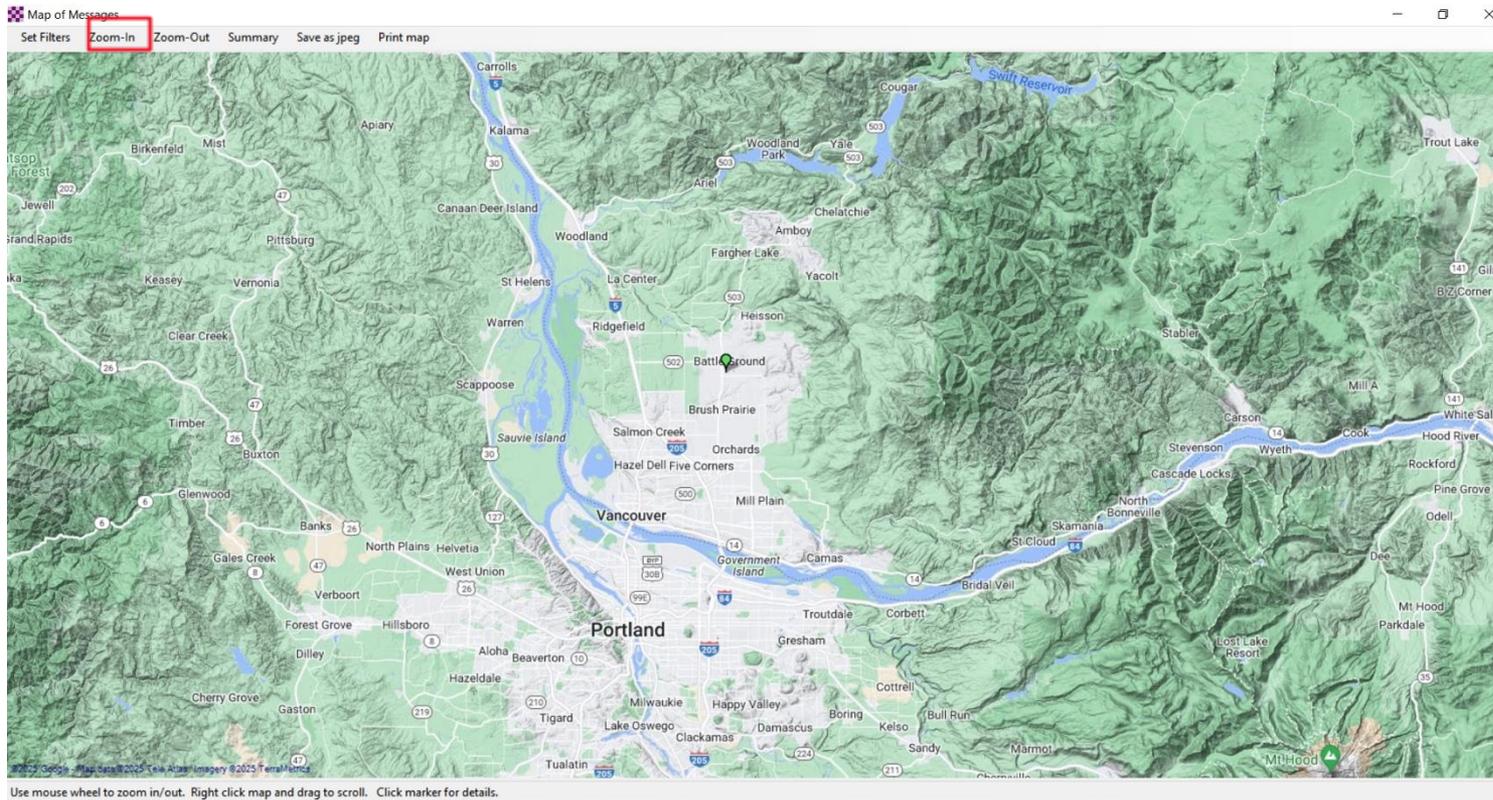




To move the map around, right click and move your mouse



You can Zoom-In with the map by clicking on the Zoom-In tab, or scroll your mouse



Saving your map with the Winlink program

- ★ The Winlink program will download the map to the “**Display Map**” area you select...limited area
- ★ Next go into airplane mode with your laptop, open up the map again, and see what area looks well defined?
- ★ If you move the map outside of the area downloaded, you will just see a very **simple map**



The Winlink program can show user location information on a map

- ★ The Winlink program has several different types of mapping features
- ★ The Winlink program can now **embed your location** information into **messages you send**
- ★ Other Winlink users can receive an email from you with your location information and **open up a map to see** where you are
- ★ The accuracy of your location depends on one of three location methods being used

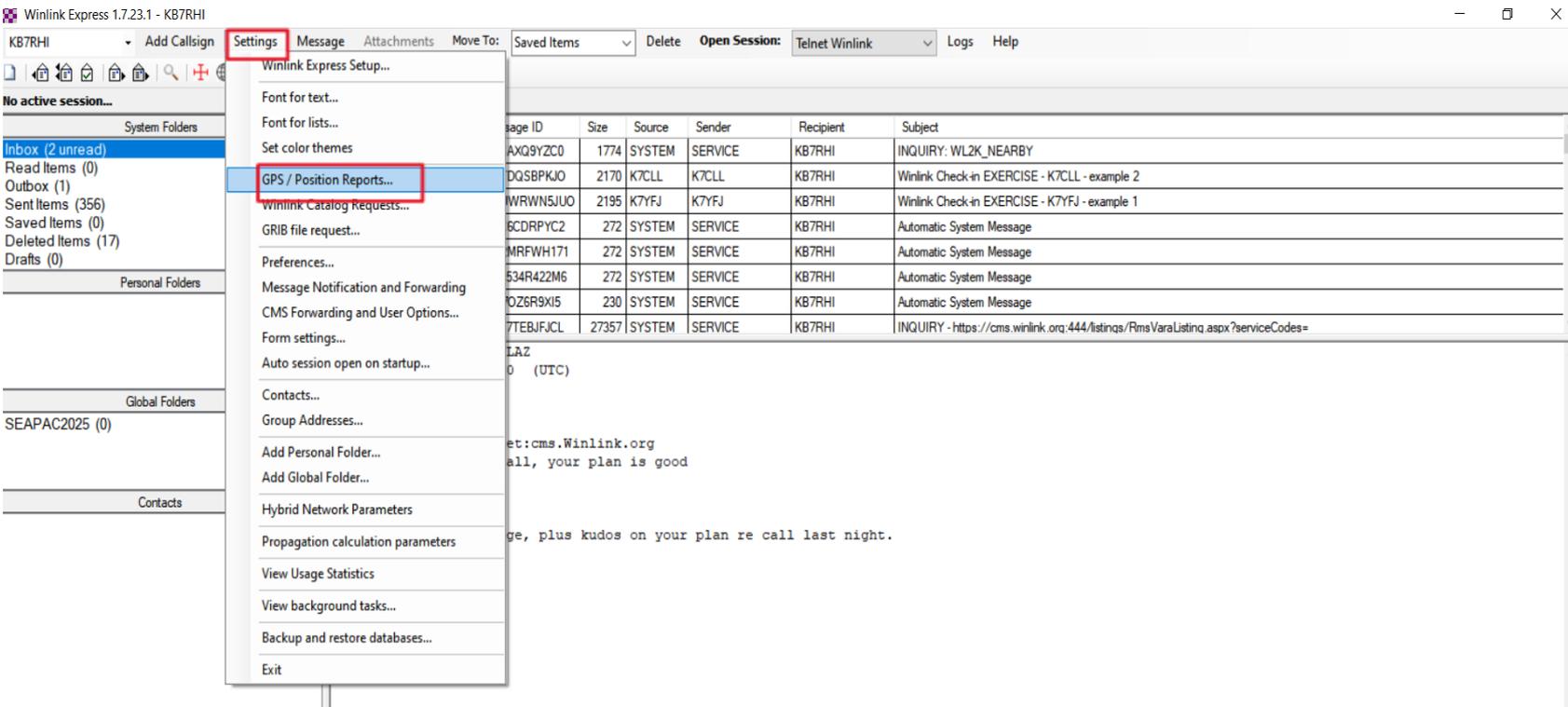


Your Winlink email messages will show your location one of three ways

- * 1) If a GPS is present, Winlink will use GPS Lat/Long
- * 2) If no GPS present and “Use **position report** location...” is checked, Winlink will use **Position Report** Lat/Long
- * 3) If no GPS is present & “use **position report** location...” is **not** checked, Winlink will use Grid Square/Call sign location



1) GPS Location...Open up Winlink Express and go to Settings, then select GPS/Position Reports in the drop down menu



The screenshot shows the Winlink Express 1.7.23.1 interface. The 'Settings' menu is open, and 'GPS / Position Reports...' is highlighted. The background shows a message list with columns for Message ID, Size, Source, Sender, Recipient, and Subject.

Message ID	Size	Source	Sender	Recipient	Subject
AXQ9YZC0	1774	SYSTEM	SERVICE	KB7RHI	INQUIRY: WL2K_NEARBY
DQSBPKJO	2170	K7CLL	K7CLL	KB7RHI	Winlink Check-in EXERCISE - K7CLL - example 2
WRWNSJUO	2195	K7YFJ	K7YFJ	KB7RHI	Winlink Check-in EXERCISE - K7YFJ - example 1
BCDRPYC2	272	SYSTEM	SERVICE	KB7RHI	Automatic System Message
MRFWH171	272	SYSTEM	SERVICE	KB7RHI	Automatic System Message
534R422M6	272	SYSTEM	SERVICE	KB7RHI	Automatic System Message
OZ6R9XI5	230	SYSTEM	SERVICE	KB7RHI	Automatic System Message
7TEBJFJCL	27357	SYSTEM	SERVICE	KB7RHI	INQUIRY - https://cms.winlink.org:444/listinqs/RmsVaraListing.aspx?serviceCodes=



Shortcut to GPS, click on Position Report icon

Winlink Express 1.7.23.1 - KB7RHI

KB7RHI Add Callsign Settings Message Attachments Move To: Saved Items Delete Open Session: Vara FM Winlink

Logs Help

Position Report icon highlighted

No active session...

	Position report	Message ID	Size	Source	Sender	Recipient	Subject
System Folders							
Inbox (2 unread)							
Read Items (0)							
Outbox (0)							
Sent Items (447)							
Saved Items (0)							
Deleted Items (46)							
Drafts (1)							
Personal Folders							
Global Folders							
SEAPAC2025 (0)							
Contacts							



This screen has two sections...The upper section is the GPS present section with live data strings showing

GPS / Position Report

GPS Serial Port

GPS Serial Port: COM3 GPS Baud Rate: 4800

IP Address: 127.0.0.1 IP Port: 15555

GPS Status

\$GPRMC,131051.000,A,4546.8807,N,12231.2398,W,0.04,131.01,190525...A*70

Last fix at 2025-05-19 13:10:51 UTC

GPS Latitude: 45-46.88N GPS Longitude: 122-31.24W

GPS Speed: 0.04 Knots GPS Course: 131 True

Automatically update grid square from GPS position: CN85RS

Position Report

Your last position report was posted at 2025/05/16 14:41:40 UTC

Report Date/Time: 2025/05/19 13:10:04 UTC

(Latitude/longitude may be entered as DD.DDDD, or DD-MM.MMx, or DD-MM-SSx)

Latitude: 45-46.88N Longitude: 122-31.24W

Speed: 0.1 Knots Course: 0 True

MGRS coordinates: 10TER3726169864

Comment - 148 Characters Maximum: Using a BU-353N GPS puck

If no GPS position, use position report location as my current location



The lower section is the Position Report section

GPS / Position Report

GPS Serial Port
GPS Serial Port: COM3 GPS Baud Rate: 4800
IP Address: 127.0.0.1 IP Port: 15555

GPS Status
\$GPRMC,131051.000,A,4546.8807,N,12231.2398,W,0.04,131.01,190525...A^70
Last fix at 2025-05-19 13:10:51 UTC
GPS Latitude: 45-46.88N GPS Longitude: 122-31.24W
GPS Speed: 0.04 Knots GPS Course: 131 True
 Automatically update grid square from GPS position: CN85RS

Position Report
Your last position report was posted at 2025/05/16 14:41:40 UTC

Report Date/Time: 2025/05/19 13:10:04 UTC
(Latitude/longitude may be entered as DD.DDDD, or DD-MM.MMx, or DD-MM-SSx)
Latitude: 45-46.88N Longitude: 122-31.24W
Speed: 0.1 Knots Course: 0 True
MGRS coordinates: 10TER3726169864
Comment - 148 Characters Maximum: Using a BU-353N GPS puck

 If no GPS position, use position report location as my current location



In the GPS present section, you will want to find and then select the Com Port that your GPS is using, (Baud Rate is usually set at 4800)

GPS / Position Report

GPS Serial Port

GPS Serial Port: GPS Baud Rate:

IP Address: IP Port:

GPS Status

Error opening GPS connection: The port 'COM5' does not exist.

[Error opening GPS connection: The port 'COM5' does not exist.](#)

GPS Latitude: GPS Longitude:

GPS Speed: Knots GPS Course: True

Automatically update grid square from GPS position:

Position Report

Your last position report was posted at 2024/08/16 06:17:37 UTC

Report Date/Time: UTC

(Latitude/longitude may be entered as DD.DDDD, or DD-MM.MMx, or DD-MM-SSx)

Latitude: Longitude:

Speed: Knots Course: True

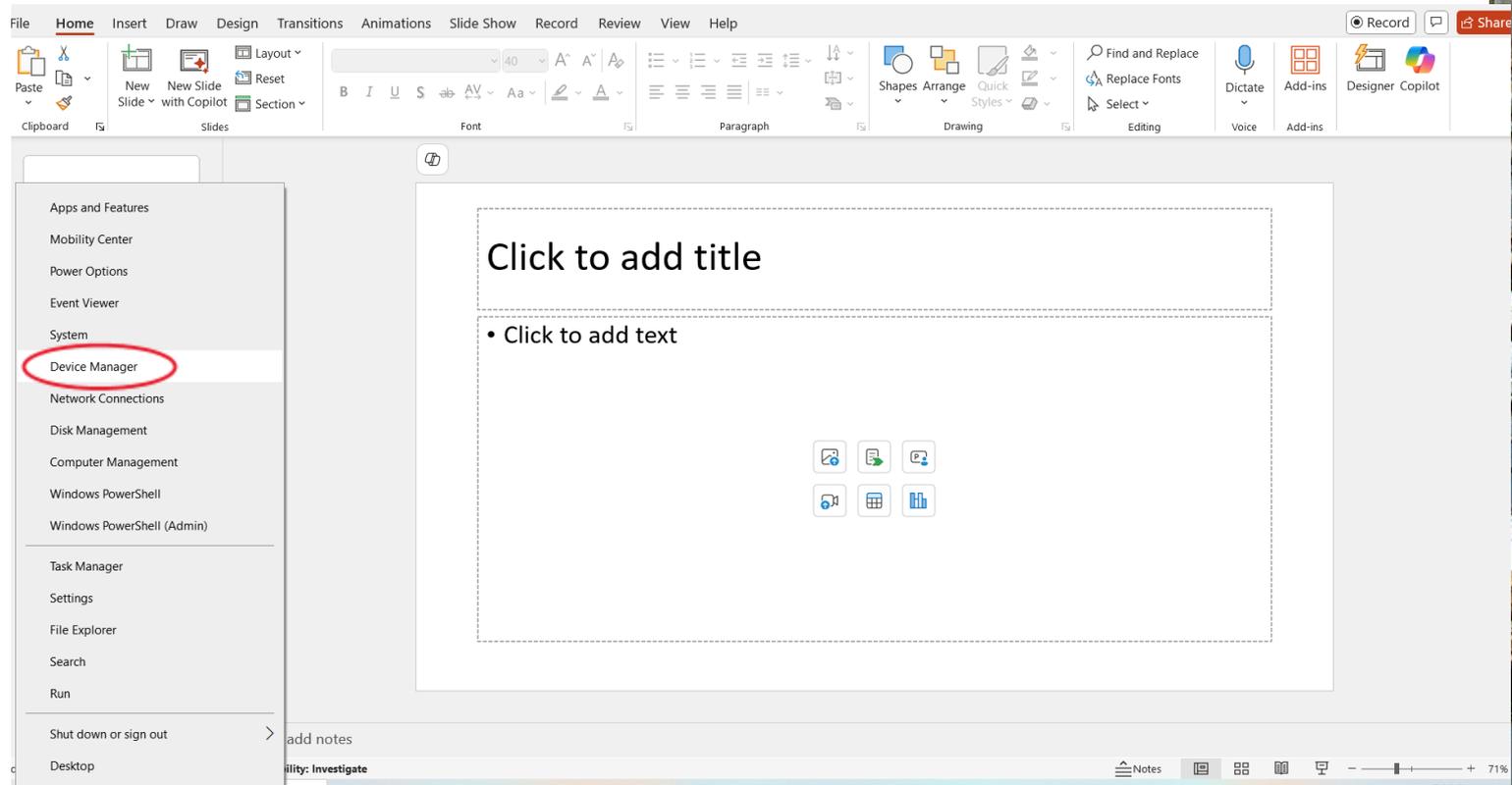
MGRS coordinates:

Comment - 148 Characters Maximum:

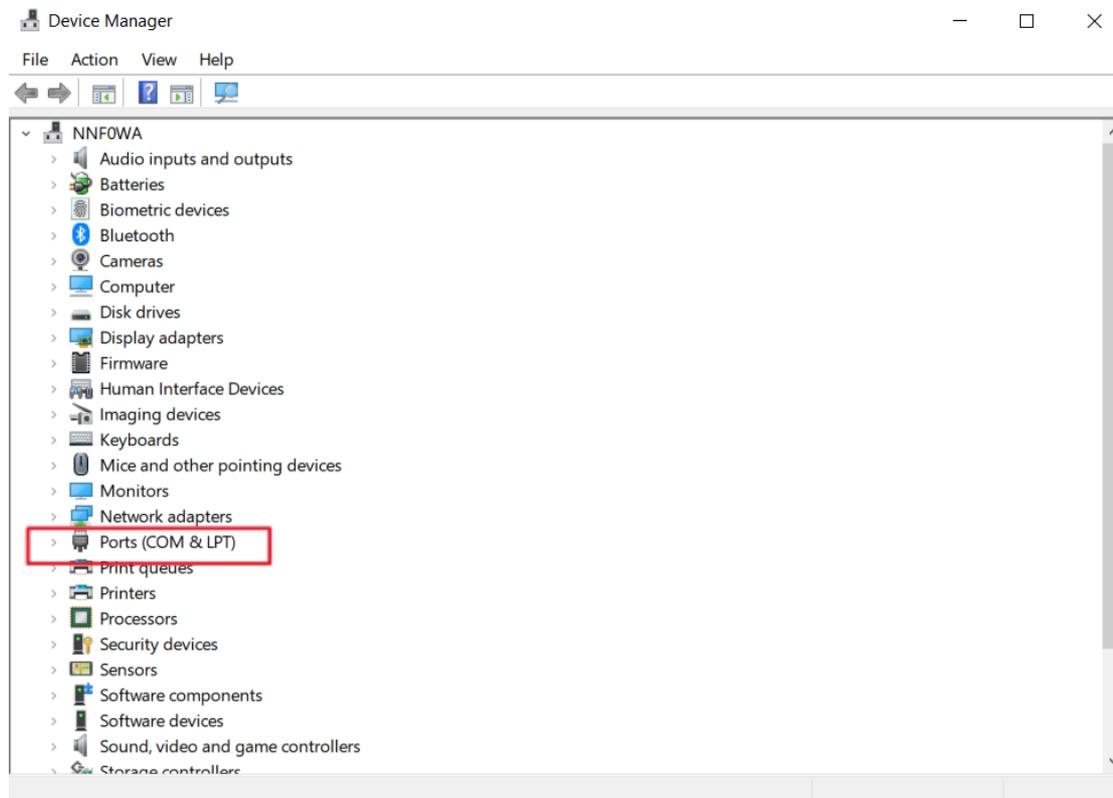
If no GPS position, use position report location as my current location



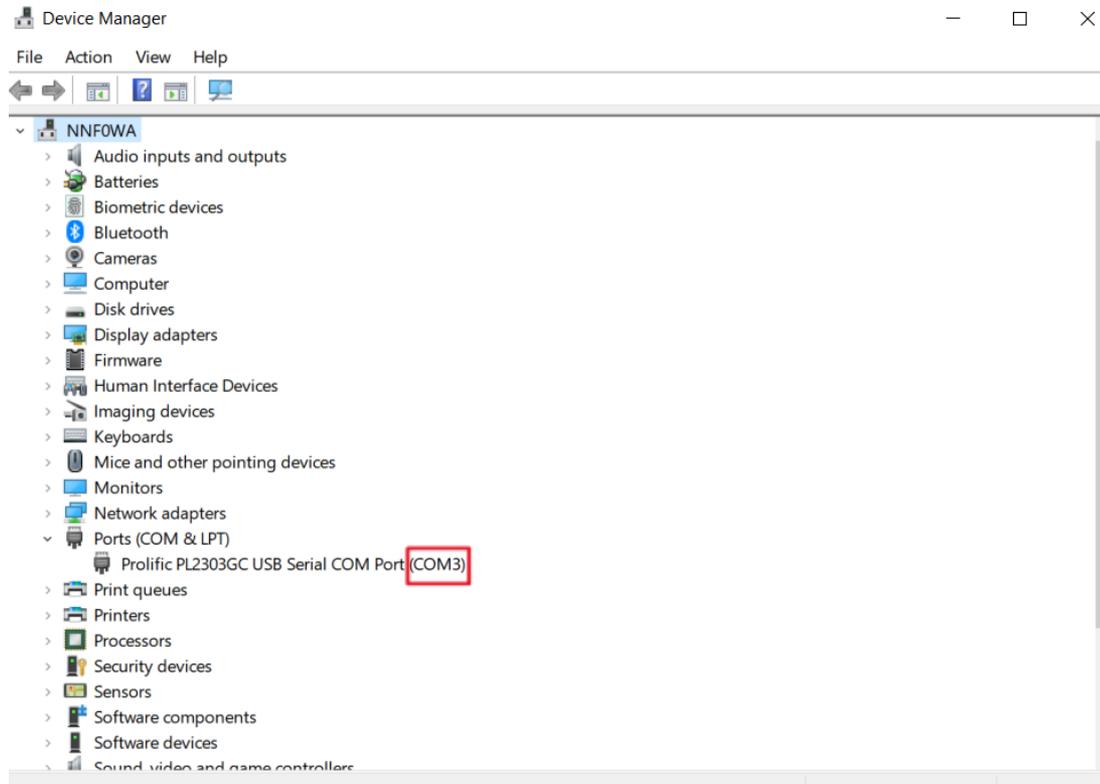
Find a Com Port...Right click on the Microsoft Windows icon in the lower left corner of your computer screen, then scroll up and select Device Manager...Windows 10 example



In the Device Manager, scroll down alphabetically to Ports and click on the right arrow to open up and see your active ports



In this example the GPS dongle is on (COM 3)



Using the “GPS Serial Port” drop down menu, just select the COM 3 for your GPS...note, your GPS may require a driver be installed first before the GPS dongle will work?

GPS / Position Report

GPS Serial Port

GPS Serial Port: GPS Baud Rate:

IP Address: IP Port:

GPS Status

GPS Latitude: GPS Longitude:

GPS Speed: Knots GPS Course: True

Automatically update grid square from GPS position:

Position Report

Your last position report was posted at 2024/08/16 06:17:37 UTC

Report Date/Time: UTC

(Latitude/longitude may be entered as DD.DDDD, or DD-MM.MMx, or DD-MM-SSx)

Latitude: Longitude:

Speed: Knots Course: True

MGRS coordinates:

Comment - 148 Characters Maximum:

If no GPS position, use position report location as my current location



Your “GPS Status” should show an updating string of information, and GPS Lat and GPS Long boxes should populate with your location info, select “Set” if no data flowing after the dongle has a satellite fix

GPS / Position Report

GPS Serial Port
GPS Serial Port: COM3 GPS Baud Rate: 4800 **Set**

IP Address: 127.0.0.1 IP Port: 15555

GPS Status
\$GPRMC,025831.000,A,4546.8766,N,12231.2390,W,0.02,299.51,100525...D*74
Last fix at 2025-05-10 02:58:31 UTC

GPS Latitude: **45-46.88N** GPS Longitude: **122-31.24W**

GPS Speed: 0.02 Knots GPS Course: 300 True

Automatically update grid square from GPS position: CN85RS

Position Report
Your last position report was posted at 2024/08/16 06:17:37 UTC

Use GPS Position **Use Current Time**

Report Date/Time: 2025/05/10 02:53:58 UTC

(Latitude/longitude may be entered as DD.DDDD, or DD-MM.MMx, or DD-MM-SSx)

Latitude: 45-04.00N Longitude: 123-31.23W

Speed: 0.1 Knots Course: 0 True

MGRS coordinates: 10TDQ5902490488 **Use MGRS**

Comment - 148 Characters Maximum: Using a BU-353N GPS puck

Add Marine Weather Report **Post Report** **Close**

If no GPS position, use position report location as my current location



Once your GPS lat and long box populates with location information, your GPS is present, your Winlink email messages will now show location = (GPS)...when using Winlink for viewing messages

WINLINK Express 1.7.23.1 - K7CLL

K7CLL Add Callsign Settings Message Attachments Move To: Saved Items Delete Open Session: Telnet Winlink Logs Help

n Telnet Winlink session.

System Folders	Date/Time	Message ID	Size	Source	Sender	Recipient	Subject
inbox (1 unread)	2025/05/10 03:05	SOTJ71HLBEBY	237	KB7RHI	KB7RHI	K7CLL	Test message with a GPS dongle attached
Read Items (0)	2025/05/08 1...	ZW3PTFJSHJ...	180	KB7RHI	KB7RHI	K7CLL	test
Outbox (0)	2025/04/01 23:14	GI6VH8KS0VIG	101083	KB7RHI	KB7RHI	K7CLL	test send
Sent Items (7)	2025/04/01 22:33	4HXNIMJU7AMS	46218	KB7RHI	KB7RHI	K7CLL	test
Saved Items (0)							
Deleted Items (0)							
Drafts (0)							
Personal Folders							
Global Folders							
SEAPAC2025 (0)							
Contacts							

Message ID: SOTJ71HLBEBY
Date: 2025/05/10 03:05 (UTC)
From: KB7RHI
To: K7CLL
Source: KB7RHI
Downloaded-from: Telnet:cms.winlink.org
Location: 45.781307N, 122.520672W (GPS)
Subject: Test message with a GPS dongle attached

test

Winlink message sent with GPS Present...Location = (GPS)

Winlink Express 1.7.23.1 - K7CLL

K7CLL Add Callsign Settings Message Attachments Move To: Saved Items Delete Open Session: Telnet Winlink Logs Help

No active session.

System Folders	Date/Time	Message ID	Size	Source	Sender	Recipient	Subject
Inbox (4 unread)	2025/05/19 22:51	WCBX1YHQ3JVX	306	KB7RHI	KB7RHI	K7CLL	No GPS present, Position Report "use position report location" box checked
Read Items (0)	2025/05/19 1...	4ESWSXTCQ...	233	KB7RHI	KB7RHI	K7CLL	gps to position report and removed
Outbox (0)	2025/05/19 1...	LDCWUPEDH...	195	KB7RHI	KB7RHI	K7CLL	ham gps used
Sent Items (23)	2025/05/19 1...	U0HNWU33D...	187	KB7RHI	KB7RHI	K7CLL	box checked
Saved Items (0)	2025/05/19 1...	JULP82WAA37I	232	KB7RHI	KB7RHI	K7CLL	box unchecked, no gps
Deleted Items (0)	2025/05/19 12:00	0E3M5XD4OSK6	178	KB7RHI	KB7RHI	K7CLL	gps on
Drafts (0)	2025/05/19 11:57	EF5Q26XR105E	218	KB7RHI	KB7RHI	K7CLL	click and unclick gps box
Personal Folders	2025/05/19 11:55	IQCK708ZXVYI	218	KB7RHI	KB7RHI	K7CLL	default position report info

Global Folders

SEAPAC2025 (0)

Contacts

Message ID: 0E3M5XD4OSK6
Date: 2025/05/19 12:00 (UTC)
From: KB7RHI
To: K7CLL
Source: KB7RHI
Downloaded-from: Telnet:cms.winlink.org
Location: 45.781315N, 122.520642W (GPS)
Subject: gps on

test

2) The lower part of the **GPS/Position Report** screen shows **Lat/Long** information that can be manually entered or populated with a **GPS dongle**

Position Report

Your last position report was posted at 2025/05/16 14:41:40 UTC

Report Date/Time: UTC

(Latitude/longitude may be entered as DD.DDDD, or DD-MM.MMx, or DD-MM-SSx)

Latitude: Longitude:

Speed: Knots Course: True

MGRS coordinates:

Comment - 148 Characters Maximum:

If no GPS position, use position report location as my current location



With a GPS present, you can populate your Position Report section using live GPS data by selecting “Use GPS Position”

GPS / Position Report

GPS Serial Port

GPS Serial Port: COM3 GPS Baud Rate: 4800

IP Address: 127.0.0.1 IP Port: 15555

GPS Status

\$GPRMC,131051.000,A,4546.8807,N,12231.2398,W,0.04,131.01,190525...A*70

Last fix at 2025-05-19 13:10:51 UTC

GPS Latitude: 45-46.88N GPS Longitude: 122-31.24W

GPS Speed: 0.04 Knots GPS Course: 131 True

Automatically update grid square from GPS position: CN85RS

Position Report

Your last position report was posted at 2025/05/16 14:41:40 UTC

Report Date/Time: 2025/05/19 13:10:04 UTC

(Latitude/longitude may be entered as DD.DDDD, or DD-MM.MMx, or DD-MM-SSx)

Latitude: 45-46.88N Longitude: 122-31.24W

Speed: 0.1 Knots Course: 0 True

MGRS coordinates: 10TER3726169864

Comment - 148 Characters Maximum: Using a BU-353N GPS puck

If no GPS position, use position report location as my current location



**You can also manually enter
Position Report Lat/Long
location information...Note that
Lat/Long may be DD.DDDDD, DD-
MM-MMx, or DD-MM-SSx**

Position Report

Your last position report was posted at 2025/05/16 14:41:40 UTC

Use GPS Position

Use Current Time

Report Date/Time: 2025/05/19 23:11:29 UTC

(Latitude/longitude may be entered as DD.DDDDD, or DD-MM.MMx, or DD-MM-SSx)

Latitude: 45-46.88N

Longitude: 122-31.24W

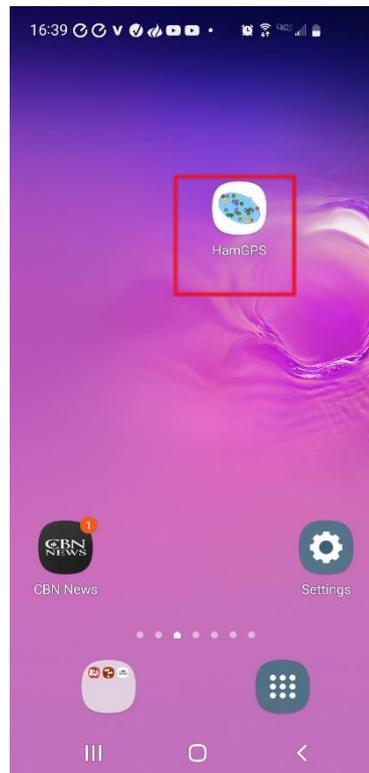


Using a GPS enabled phone, you can use the Android app **HAMGPS**

- * EA4EOZ is a electronic enthusiast who developed the app to provide GPS location information when you have no cell coverage and you are off grid
- * HAMGPS app uses four constellations of satellites
 - * 1) US operated GPS
 - * 2) GLONASS...Russian
 - * 3) QZSS...Japanese Government system to augment US GPS
 - * 4) Galileo...European global satellite system



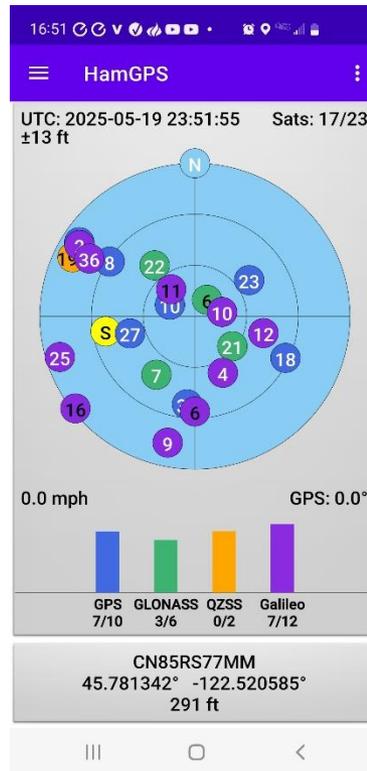
Android phone HAMGPS Icon



Clicking on the bottom screen section will sequentially walk through different GPS data screens...Grid Square display



GPS DD.DDDD display, this is the screen that is easiest for me to use



If you are camping in a remote area with no cell coverage, WiFi, or internet connection...try HAMGPS, if you do not have a GPS dongle

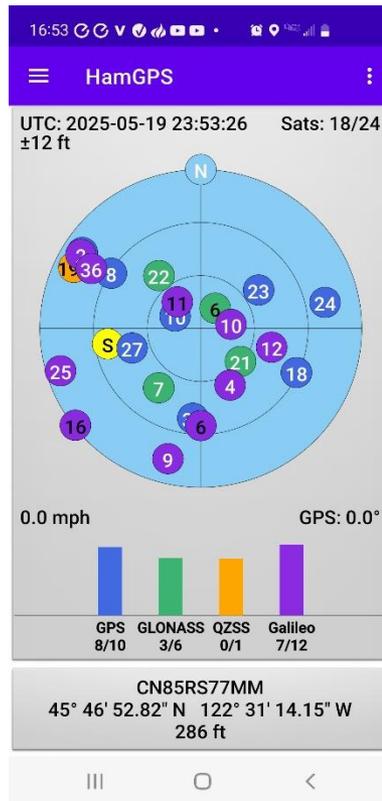
- * Camping in a remote location, I used HAMGPS to find my location
- * I used the DD.DDDD display to enter coordinates
- * Entered Lat as DD.DDDD N
- * Entered Long as -DD.DDDD W
- * Enter your minus in front of the Longitude
- * Remember to enter the Lat "N" after DD.DDDD "N"
- * Remember to enter the Long "W" after -DD.DDDD "W"
- * The Position Report will remove the minus sign in front of Long after it is entered...its ok



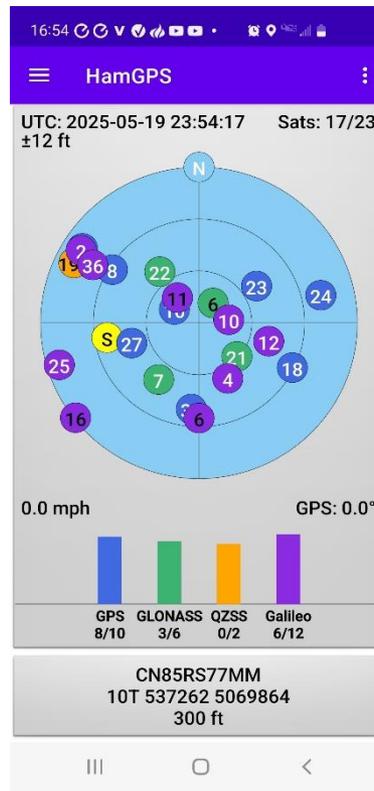
DD-MM.MMMx display



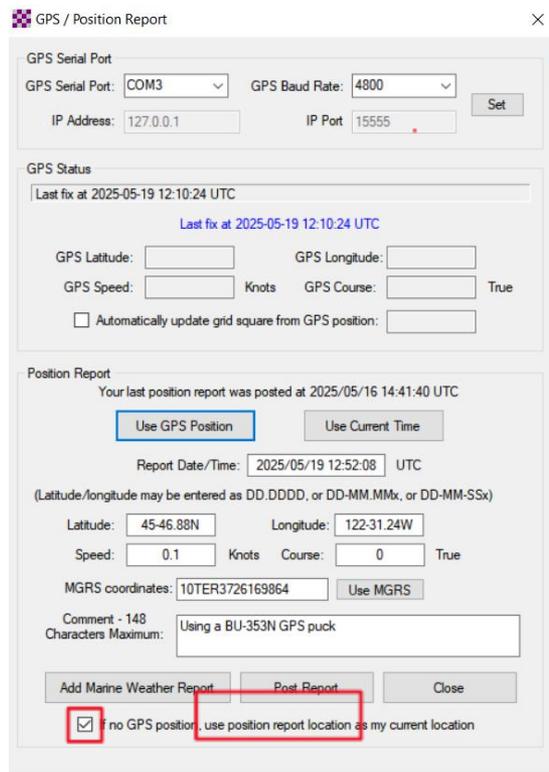
DD-MM-SSx display



**And finally MGRS display, then
back to Grid Square, tap the box
to rotate to your desired display**



Winlink will use Position Report location information if there is no GPS present and you check the “use position report location...” box



GPS / Position Report

GPS Serial Port
GPS Serial Port: COM3 GPS Baud Rate: 4800 Set
IP Address: 127.0.0.1 IP Port: 15555

GPS Status
Last fix at 2025-05-19 12:10:24 UTC
Last fix at 2025-05-19 12:10:24 UTC
GPS Latitude: GPS Longitude: True
GPS Speed: Knots GPS Course: True
 Automatically update grid square from GPS position:

Position Report
Your last position report was posted at 2025/05/16 14:41:40 UTC
Use GPS Position Use Current Time
Report Date/Time: 2025/05/19 12:52:08 UTC
(Latitude/longitude may be entered as DD.DDDD, or DD-MM.MMx, or DD-MM-SSx)
Latitude: 45-46.88N Longitude: 122-31.24W
Speed: 0.1 Knots Course: 0 True
MGRS coordinates: 10TER3726169864 Use MGRS
Comment - 148 Characters Maximum: Using a BU-353N GPS puck
Add Marine Weather Report Post Report Close
 no GPS position, use position report location as my current location



When you use the Position Report section to provide your location, your email will say, “Location” is (SPECIFIED)

Position Report

Your last position report was posted at 2025/05/16 14:41:40 UTC

Report Date/Time: UTC

(Latitude/longitude may be entered as DD.DDDD, or DD-MM.MMx, or DD-MM-SSx)

Latitude: Longitude:

Speed: Knots Course: True

MGRS coordinates:

Comment - 148 Characters Maximum:

If no GPS position, use position report location as my current location



Winlink message with no GPS present, Position Report box is checked...Location = (SPECIFIED)

Winlink Express 1.7.23.1 - K7CLL

K7CLL Add Callsign Settings Message Attachments Move To: Saved Items Delete Open Session: Telnet Winlink Logs Help

No active session.

System Folders	Date/Time	Message ID	Size	Source	Sender	Recipient	Subject
Inbox (4 unread)	2025/05/19 22:51	WCBX1YHQ3JVX	306	KB7RHI	KB7RHI	K7CLL	No GPS present, Position Report "use position report location" box checked
Read Items (0)	2025/05/19 1...	4ESWSXTCQ...	233	KB7RHI	KB7RHI	K7CLL	gps to position report and removed
Outbox (0)	2025/05/19 1...	LDCWUPEDH...	195	KB7RHI	KB7RHI	K7CLL	ham gps used
Sent Items (23)	2025/05/19 1...	U0HNWU33D...	187	KB7RHI	KB7RHI	K7CLL	box checked
Saved Items (0)	2025/05/19 1...	JULP82WAA37I	232	KB7RHI	KB7RHI	K7CLL	box unchecked, no gps
Deleted Items (0)	2025/05/19 12:00	0E3M5XD40SK6	178	KB7RHI	KB7RHI	K7CLL	gps on
Drafts (0)	2025/05/19 11:57	EF5Q26XR105E	218	KB7RHI	KB7RHI	K7CLL	click and unclick gps box
Personal Folders	2025/05/19 11:55	IQCK708ZXVYI	218	KB7RHI	KB7RHI	K7CLL	default position report info

Message ID: WCBX1YHQ3JVX
Date: 2025/05/19 22:51 (UTC)
From: KB7RHI
To: K7CLL
Source: KB7RHI
Downloaded-from: Telnet:cms.winlink.org
Location: 45.781333N, 122.520667W (SPECIFIED)
Subject: No GPS present, Position Report "use position report location" box checked

Test message

Global Folders
SEAPAC2025 (0)

Contacts



If you want to clear the Lat/Long data in your Position Report...with no GPS present, just click on “Use GPS Position”

GPS / Position Report

GPS Serial Port

GPS Serial Port: GPS Baud Rate:

IP Address: IP Port:

GPS Status

Error opening GPS connection: The port 'COM3' does not exist.

Error opening GPS connection: The port 'COM3' does not exist.

GPS Latitude: GPS Longitude:

GPS Speed: Knots GPS Course: True

Automatically update grid square from GPS position:

Position Report

Your last position report was posted at 2025/05/16 14:41:40 UTC

Report Date/Time: UTC

(Latitude/longitude may be entered as DD DDDD, or DD-MM.MMx, or DD-MM-SSx)

Latitude: Longitude:

Speed: Knots Course: True

MGRS coordinates:

Comment - 148 Characters Maximum:

If no GPS position, use position report location as my current location



Lat/Long is cleared, there is some place holding data in MGRS and any Comment is still there

GPS / Position Report

GPS Serial Port
GPS Serial Port: COM3 GPS Baud Rate: 4800
IP Address: 127.0.0.1 IP Port: 15555

GPS Status
Error opening GPS connection: The port 'COM3' does not exist.
Error opening GPS connection: The port 'COM3' does not exist.

GPS Latitude: GPS Longitude:
GPS Speed: Knots GPS Course: True
 Automatically update grid square from GPS position:

Position Report
Your last position report was posted at 2025/05/16 14:41:40 UTC

Report Date/Time: UTC
(Latitude/longitude may be entered as DD.DDDD, or DD-MM.MMx, or DD-MM-SSx)
Latitude: Longitude:
Speed: Knots Course: True
MGRS coordinates: 31NAA6602100000
Comment - 148 Characters Maximum: Using a BU-353N GPS puck

 If no GPS position, use position report location as my current location



3) Third default position location determination is Grid Square

- ★ If there is no **GPS** present
- ★ If the **Position Report** “use position report location” **box is not checked**
- ★ Your default position location will be the **Grid Square** location noted in your **Settings menu** in Winlink



You can double check what grid square location you have set...in the main Winlink screen, go to “Settings”



Winlink Express 1.7.23.1 - KB7RHI

KB7RHI Add Callsign **Settings** Message Attachments Move To: Saved Items Delete Open Session: Telnet Winlink Logs Help

No active session.

System Folders	Date/Time	Message ID	Size	Source	Sender	Recipient	Subject
Inbox (4 unread)	2025/05/09 2...	5ZENOF2KQ...	248	WZ8T	WZ8T	KB7RHI	test message
Read Items (0)	2025/05/09 1...	NJ2F2597VDP7	7243	K7HTZ	TIGERTEAM	TIGERTEAM...	RMS Winlink Gateways, Digipeaters and Repeater STATUS - 05/09/2025
Outbox (1)	2025/05/08 15:09	17XSAXQ9YZC0	1774	SYSTEM	SERVICE	KB7RHI	INQUIRY: WL2K_NEARBY
Sent Items (357)	2025/05/08 14:40	9JUTDQSBPKJO	2170	K7CLL	K7CLL	KB7RHI	Winlink Check-in EXERCISE - K7CLL - example 2
Saved Items (0)	2025/05/08 14:38	1K7UWRWN5JUO	2195	K7YFJ	K7YFJ	KB7RHI	Winlink Check-in EXERCISE - K7YFJ - example 1
Deleted Items (17)	2025/05/08 05:26	42SC6CDRPHY2	272	SYSTEM	SERVICE	KB7RHI	Automatic System Message
Drafts (0)	2025/05/08 05:25	TLE2MRFWH171	272	SYSTEM	SERVICE	KB7RHI	Automatic System Message
Personal Folders	2025/05/08 05:24	W70534R422M6	272	SYSTEM	SERVICE	KB7RHI	Automatic System Message

Message ID: SZVBOSA5YLAZ
Date: 2021/01/18 17:30 (UTC)
From: W7SLS
To: KB7RHI
Source: W7SLS
Downloaded-from: Telnet:cms.Winlink.org
Subject: thanks for call, your plan is good

Hi Mark,

A periodic test message, plus kudos on your plan re call last night.

73
Scott W7SLS

Select “Winlink Express Setup...”

The screenshot shows the Winlink Express 1.7.23.1 interface for user KB7RHI. The 'Settings' menu is open, and 'Winlink Express Setup...' is highlighted with a red box. The interface includes a left sidebar with folders (Inbox, Outbox, etc.), a top menu bar with options like 'Add Callsign', 'Settings', 'Message', and 'Attachments', and a main message list area.

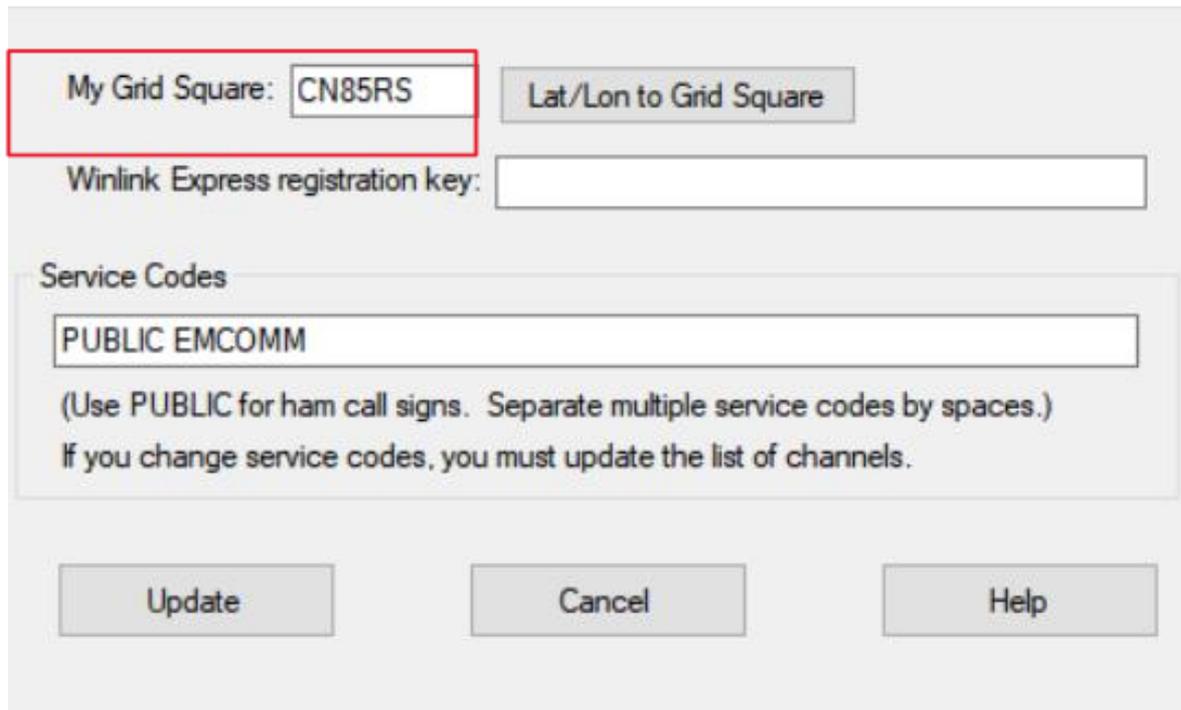
Message ID	Size	Source	Sender	Recipient	Subject
NOFL2KQ...	248	WZ8T	WZ8T	KB7RHI	test message
2597VDP7	7243	K7HTZ	TIGERTEAM	TIGERTEAM...	RMS Winlink Gateways, Digipeaters and Repeater STATUS - 05/09/2025
AXQ9YZC0	1774	SYSTEM	SERVICE	KB7RHI	INQUIRY: WL2K_NEARBY
DQSBPKJO	2170	K7CLL	K7CLL	KB7RHI	Winlink Check-in EXERCISE - K7CLL - example 2
WRWN5JUO	2195	K7YFJ	K7YFJ	KB7RHI	Winlink Check-in EXERCISE - K7YFJ - example 1
6CDRPYC2	272	SYSTEM	SERVICE	KB7RHI	Automatic System Message
MRFWH171	272	SYSTEM	SERVICE	KB7RHI	Automatic System Message
534R422M6	272	SYSTEM	SERVICE	KB7RHI	Automatic System Message

LAZ
0 (UTC)

et:cms.Winlink.org
all, your plan is good

ge, plus kudos on your plan re call last night.

In the lower left hand side of the screen you will see “My Grid Square”, the grid square information you put in the box, will be what shows up in your messages, only 6 characters used



My Grid Square:

Winlink Express registration key:

Service Codes

(Use PUBLIC for ham call signs. Separate multiple service codes by spaces.)
If you change service codes, you must update the list of channels.



GRID SQUARE information

- ★ When a GRID SQUARE is used, a randomized location within the grid square is created using **both** the grid square and the call sign
- ★ This prevents multiple stations from piling up in the middle of the grid square



Winlink message with no GPS Present & Position Report “use position report location” box is not checked...Location = (GRID SQUARE)

Winlink Express 1.7.23.1 - K7CLL

K7CLL Add Callsign Settings Message Attachments Move To: Saved Items Delete Open Session: Telnet Winlink Logs Help

No active session.

	Date/Time	Message ID	Size	Source	Sender	Recipient	Subject
Inbox (0 unread)	2025/05/11 15:40	37ZSVHQGLN7H	247	KB7RHI	KB7RHI	K7CLL	Test message without using a GPS dongle
Read Items (0)	2025/05/10 03:05	SOTJ71HLBEBY	237	KB7RHI	KB7RHI	K7CLL	Test message with a GPS dongle attached
Outbox (0)	2025/05/08 14:09	ZW3PTFJSHJJU	180	KB7RHI	KB7RHI	K7CLL	test
Sent Items (7)	2025/04/01 23:14	G16VH8K50VIG	101083	KB7RHI	KB7RHI	K7CLL	test send
Saved Items (0)	2025/04/01 22:33	4HXNIMJU7AMS	46218	KB7RHI	KB7RHI	K7CLL	test
Deleted Items (0)							
Drafts (0)							

System Folders

Personal Folders

Global Folders

SEAPAC2025 (0)

Contacts

Message ID: 37ZSVHQGLN7H
Date: 2025/05/11 15:40 (UTC)
From: KB7RHI
To: K7CLL
Source: KB7RHI
Downloaded-from: Telnet:cms.winlink.org
Location: 45.770833N, 122.541667W (GRID SQUARE)
Subject: Test message without using a GPS dongle
test



Recommended GPS dongle on Amazon



3 VIDEOS



Roll over image to zoom in



GlobalSat BU-353N USB GPS Receiver, Black Made in Taiwan

Brand: GlobalSat

4.2 52 ratings | Search this page

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Edition: SYSTEM

Bundles with this item



SYSTEM + SYSTEM, BU-353N5

\$107.09

Brand	GlobalSat
Model Name	BU-353N
Vehicle Service Type	Car
Special Feature	GPS Receiver
Map Type	Worldwide
Included Components	Suction Cup, Quick Start Guide
Mounting Type	Dashboard Mount. found in image

\$44⁵⁹

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- 3-Year Protection Plan for \$6.99
- Complete Protect: One plan covers all eligible past and future purchases (Renews Monthly Until Cancelled) for \$16.99/month

Add to List



GPS dongles

- ★ There may be less expensive dongles available such as on Amazon
- ★ I do not have any experience with other dongles and can not make a recommendation

