

VarAC Wednesday GPS Working Aid

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VarAC Wednesday GPS Check-In

- We use the following order to determine your location
 - GPS in your check-In message
 - Look-up callsign in QRZ.com to get GPS
 - Look-up callsign in QRZ.com to get Grid square and convert to GPS
- Our software will **only** detect user provided GPS formats in this PDF
- Test your GPS string using our “GPS Coordinate Format Checker”

<https://www.varacwednesday.net/gpsChecker.html>



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Will we accept other GPS formats?

- Manual GPS
 - No – use formats in this document
- Auto GPS
 - Yes - users cannot control what GPS devices output
 - Please gather your callsign and exact GPS string VarAC reports
 - Use our “Contact Us” form to send that information to us

<https://www.varacwednesday.net/contact.html>



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GPS Coordinate Format Checker

GPS Coordinate:

Found Degree Decimal Format

Latitude Checks

- ✓ Degrees provided
- ✓ Degree symbol provided
- ✓ Space between degree symbol and decimal seconds
- ✓ Minutes provided
- ✓ Hemisphere provided
- ✓ Latitude in valid range (0 to 90)

Longitude Checks

- ✓ Degrees provided
- ✓ Degree symbol provided
- ✓ Space between degree symbol and decimal seconds
- ✓ Minutes provided
- ✓ Hemisphere provided
- ✓ Longitude in valid range (0 to 180)

Delimiter Check

- ✓ Space delimiter between Latitude and Longitude



Accepted GPS Formats



Degree Decimal accepted format

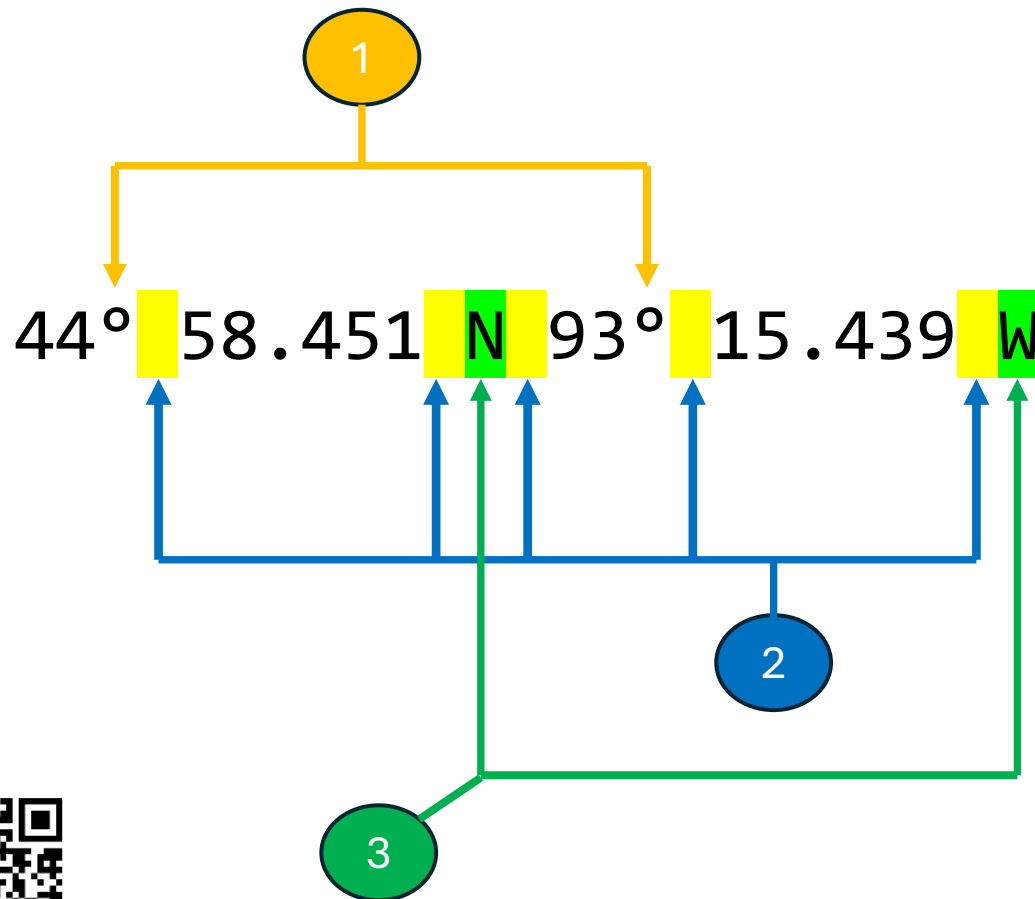
- 1 Lat/Lon degree must be decimal number. Do not include degree symbol
- 2 Must include single space where yellow highlight appears
- 3 Must include “-” for Southern and Western hemispheres
No “+” implies Northern and Eastern hemispheres

44.97419, -93.25732

3



Degree Decimal Minutes accepted format #1



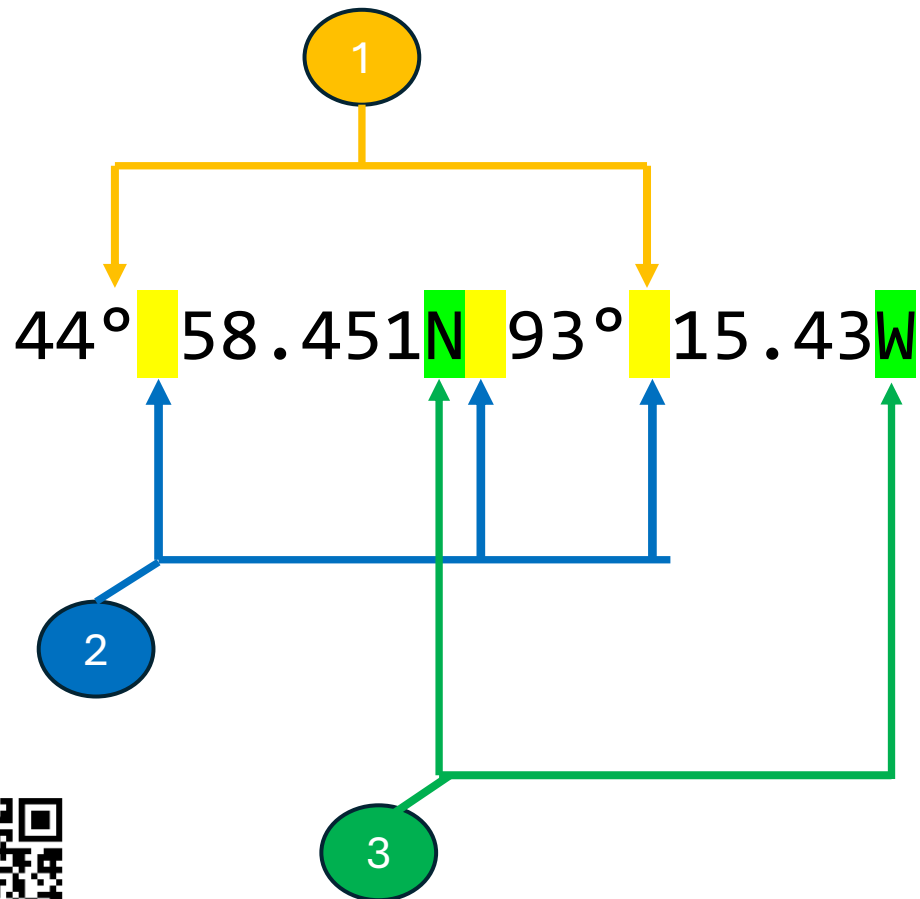
1 Must include degree symbol

2 Must include single space where yellow highlight appears

3 Must include hemispheres



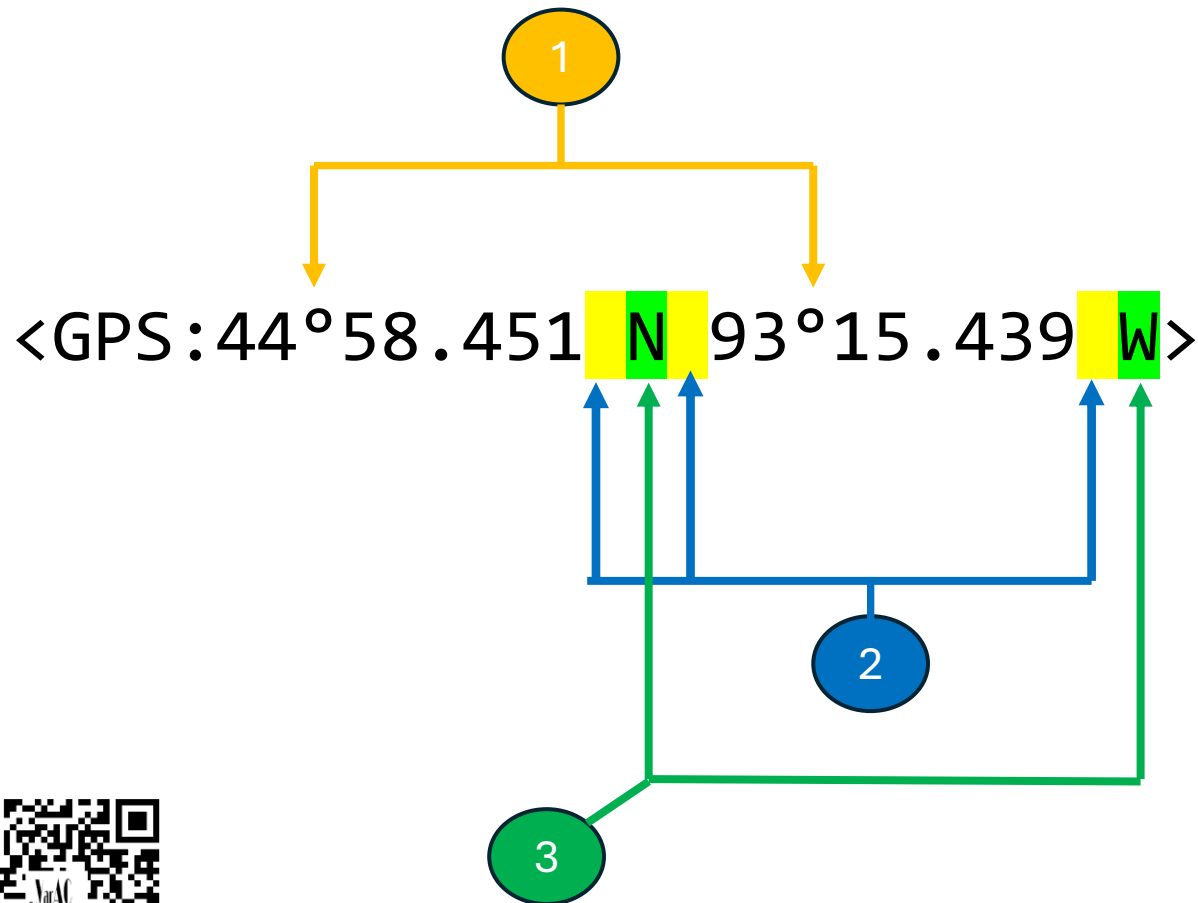
Degree Decimal Minutes accepted format #2



- 1 Must include degree symbol
- 2 Must include single space where yellow highlight appears
- 3 Must include hemispheres



Degree Decimal Minutes required format #3



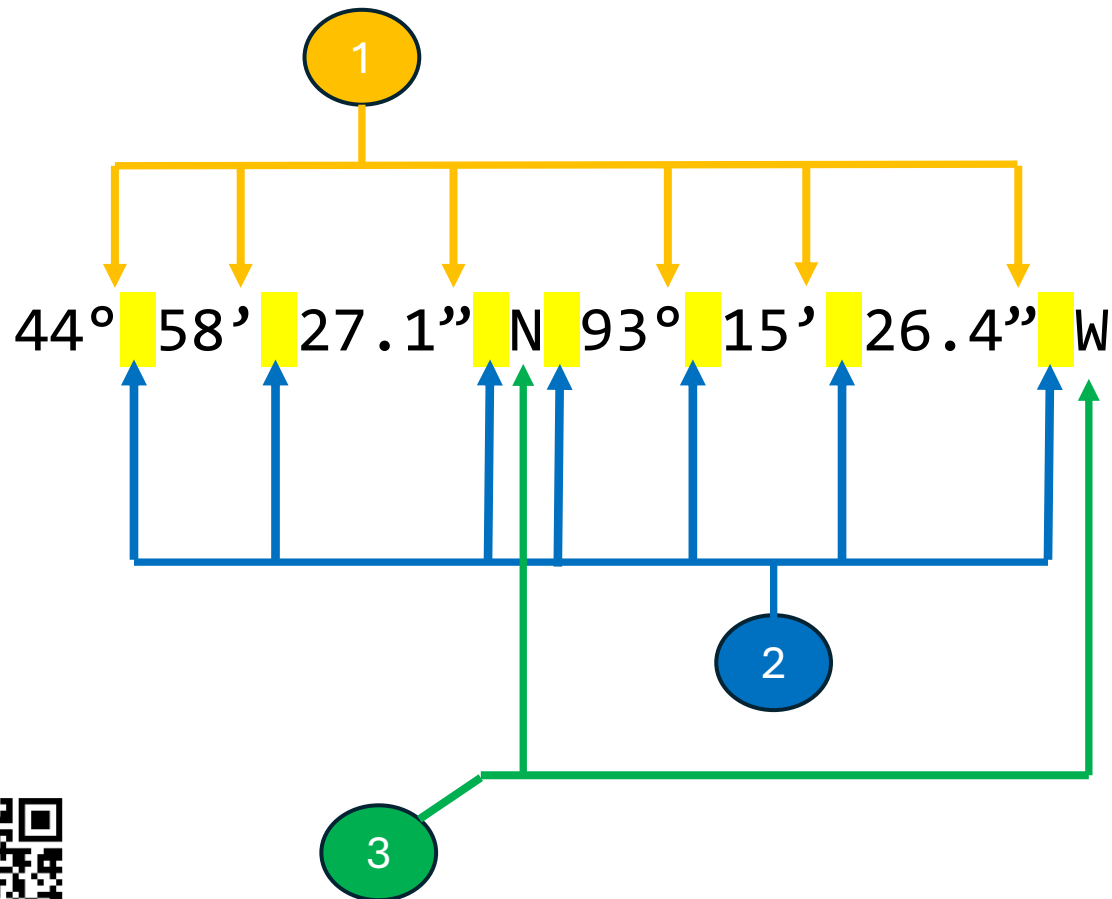
1 Must include degree symbol

2 Must include single space where yellow highlight appears

3 Must include hemispheres



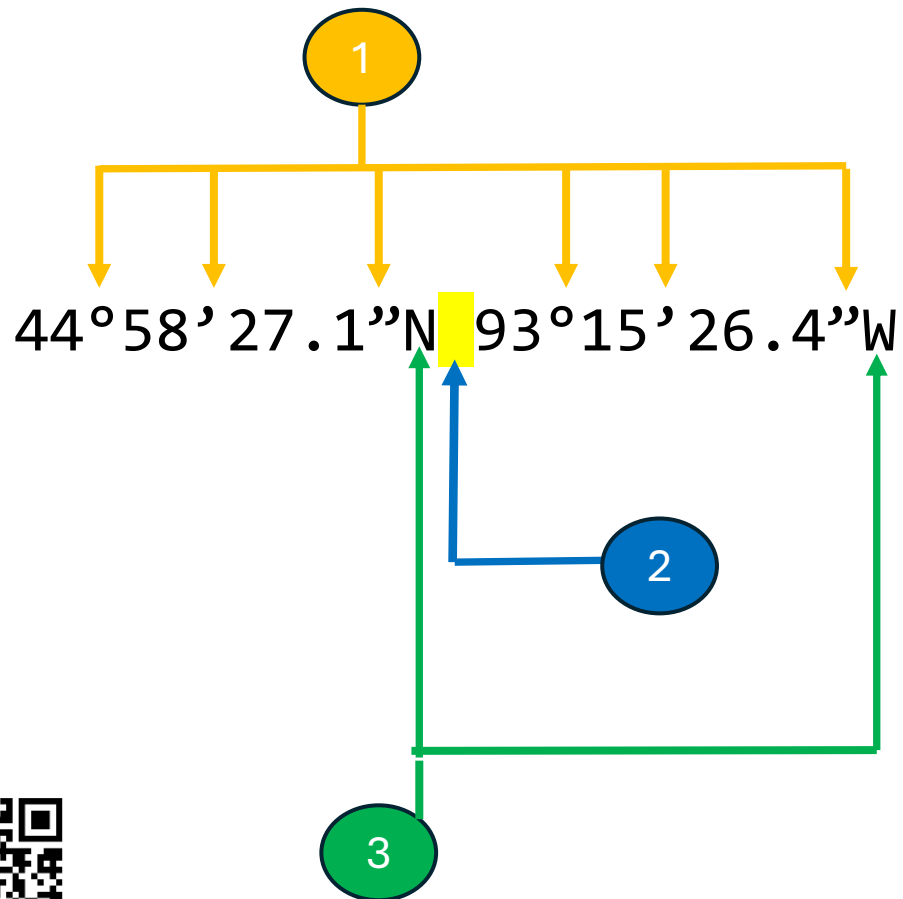
Degree Minute Second accepted format #1



- 1 Must include degree, minute, second symbols
- 2 Must include single space where yellow highlight appears
- 3 Must include hemispheres



Degree Minute Second accepted format #2



- 1 Must include degree, minute, second symbols
- 2 Must include single space where yellow highlight appears
- 3 Must include hemispheres



Check-in Do's and Don'ts



“Do’s” for your Check-in

- ☐ Use the requested format
- ☐ Include information on own line
 - Check-in
 - Weather report (when requested)
 - GPS report
- ☐ Include your email in “To” for carbon copy
- ☐ Verify GPS coordinates





“Don’ts” for your Check-in

- ☐ Pick your own format
Will make our software “miss” your check-in
- ☐ Add information that is not requested
Could result in missing your check-in



In conclusion...

- Manual GPS
 - You control what get entered
 - Please - use one of the formats in this document
 - Verify your information
- Auto GPS
 - You can't control what gets entered
 - Please contact us with your callsign and GPS information
- References:
 - <https://www.varacwednesday.net/about.html#aboutMap>
 - <https://www.varacwednesday.net/training.html#StaticGPS>
 - <https://www.varacwednesday.net/gpsChecker.html>



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