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 <mark>only</mark> detect user provided GPS formats in this PDF
- Test your GPS string using our "GPS Coordinate Format Checker"

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

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

GPS Coordinate Format Checker

GPS Coordinate: `44° 58.451 N 93° 15.439 W` [CHECK FORMAT]
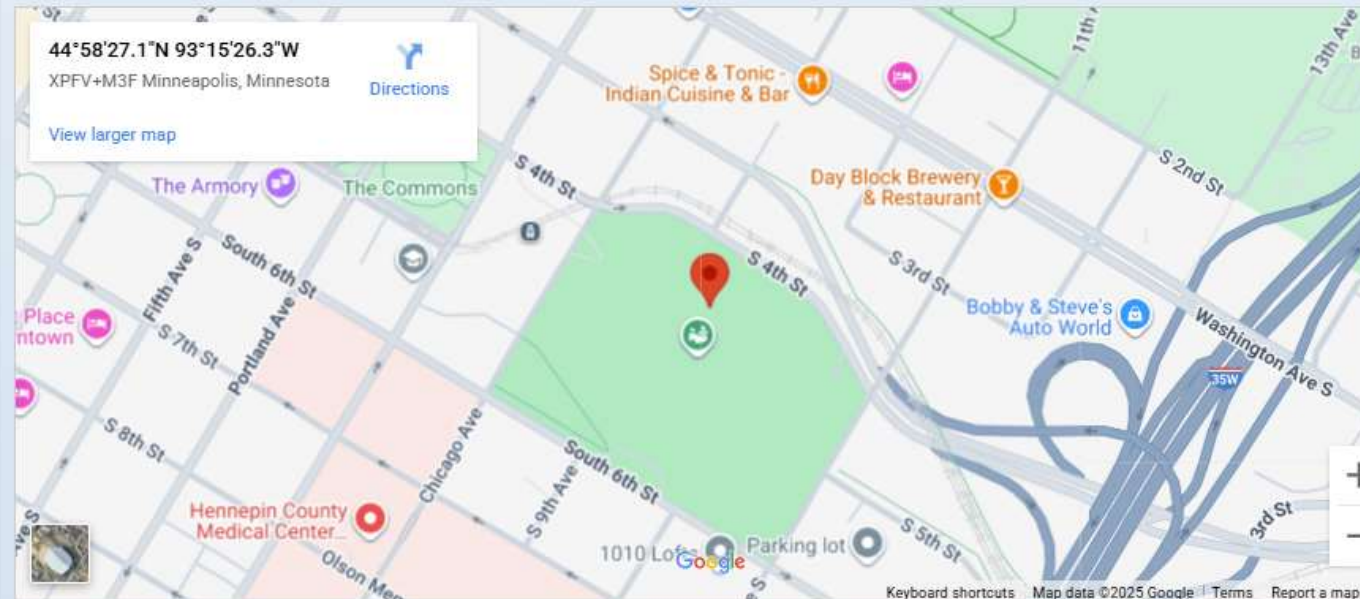
Found Degree Decimal Format

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

44°58'27.1"N 93°15'26.3"W
XPFV+M3F Minneapolis, Minnesota   Directions

View larger map

Accepted GPS Formats

Degree Decimal accepted format

44.97419, -93.25732

(2)

(3)

(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

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Degree Decimal Minutes accepted format #1

44° 58.451 N 93° 15.439 W

1 — Must include degree symbol

2 — Must include single space where yellow highlight appears

3 — Must include hemispheres
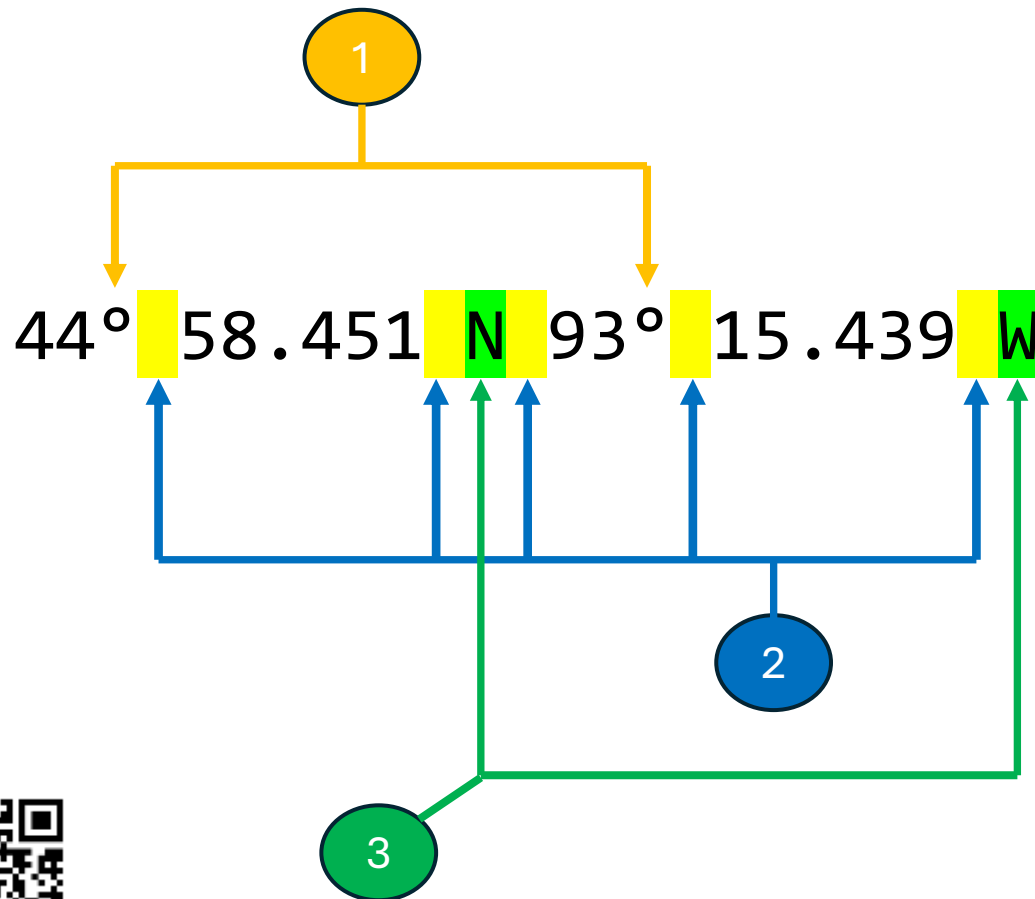
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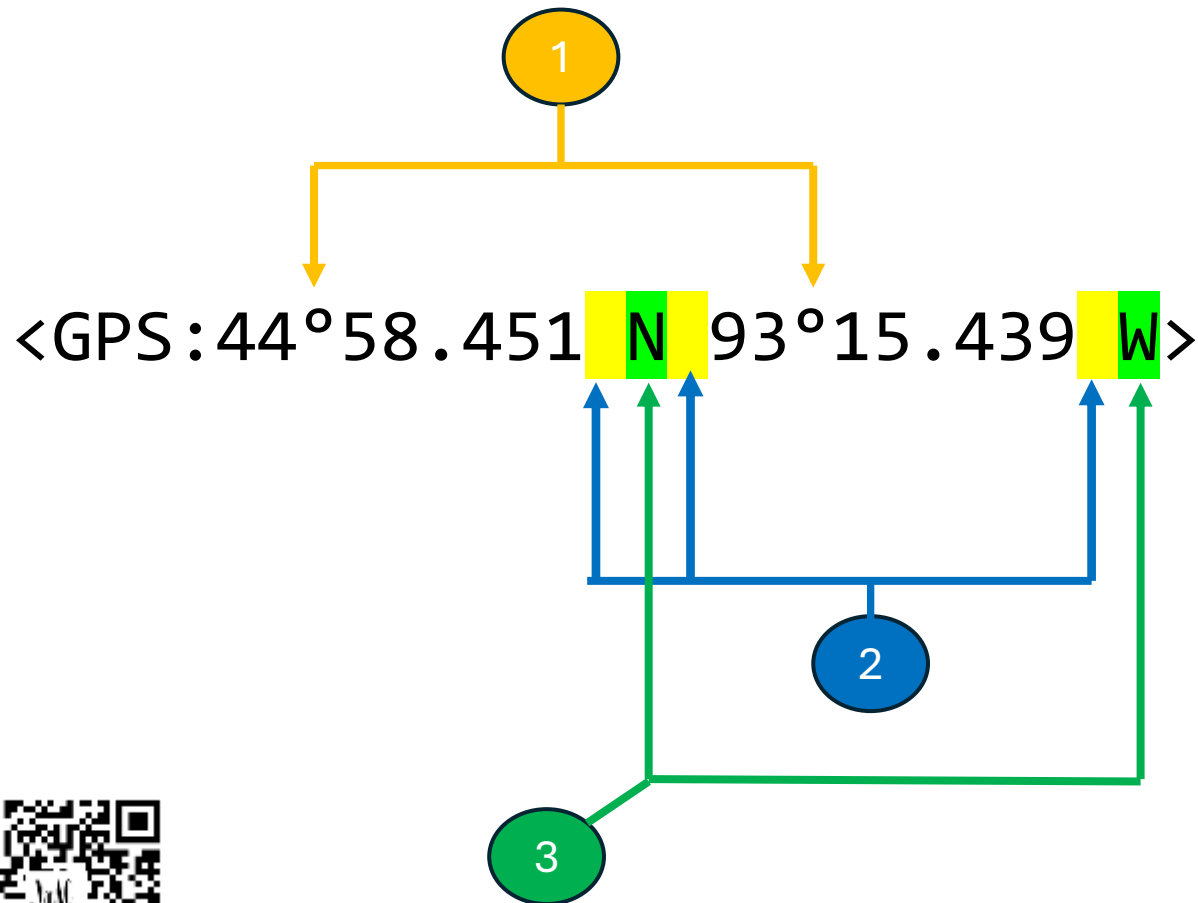# Degree Decimal Minutes required format #2

<GPS:44°58.451 N 93°15.439 W>

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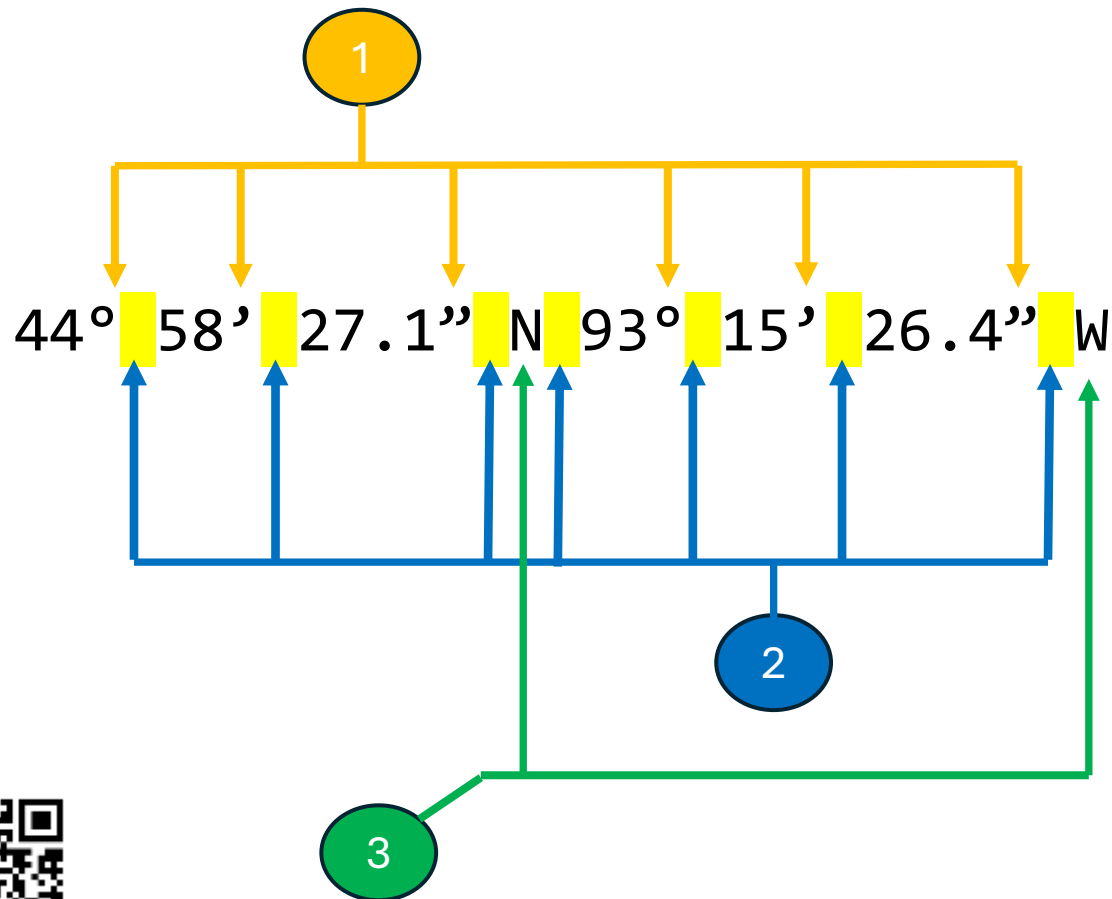
2 Must include single space where yellow highlight appears
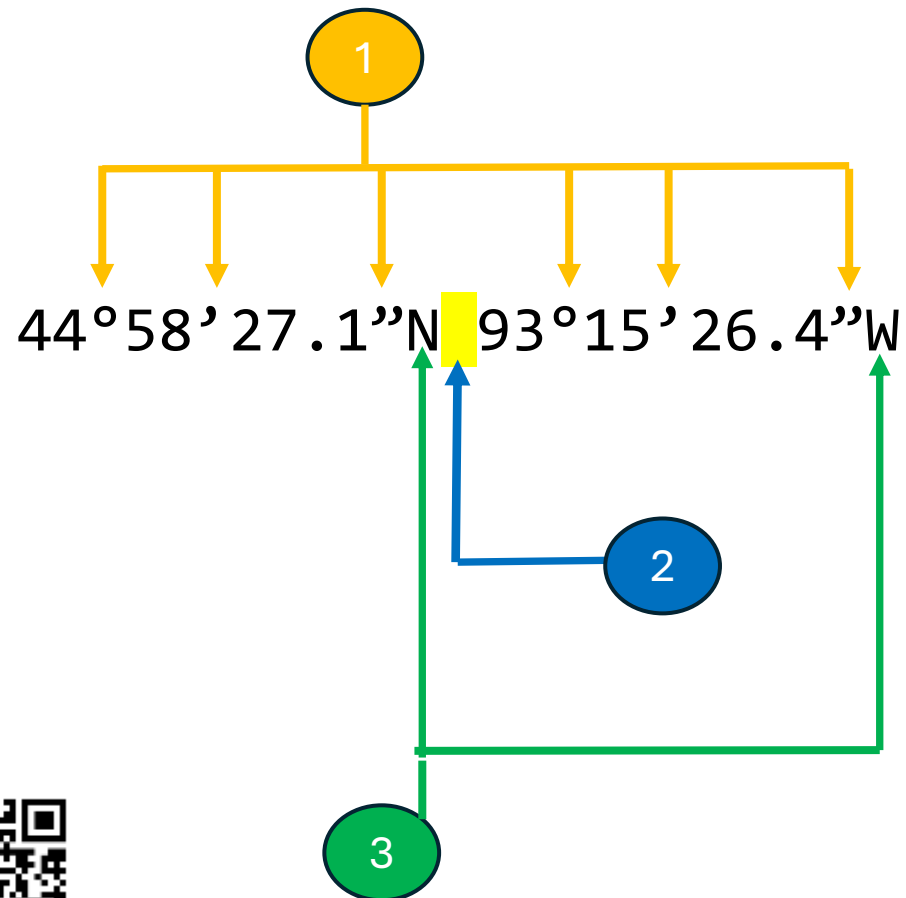
3 Must include hemispheres

Degree Minute Second accepted format #1

44° 58' 27.1" N 93° 15' 26.4" W

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

44°58'27.1"N 93°15'26.4"W

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

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❌ "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

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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
- <u>References:</u>
  - https://www.varacwednesday.net/about.html#aboutMap
  - https://www.varacwednesday.net/training.html#StaticGPS
  - https://www.varacwednesday.net/gpsChecker.html

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