



# Declination

**Date** 2019-09-22

**Latitude**  $5^{\circ} 49' 52''$  S

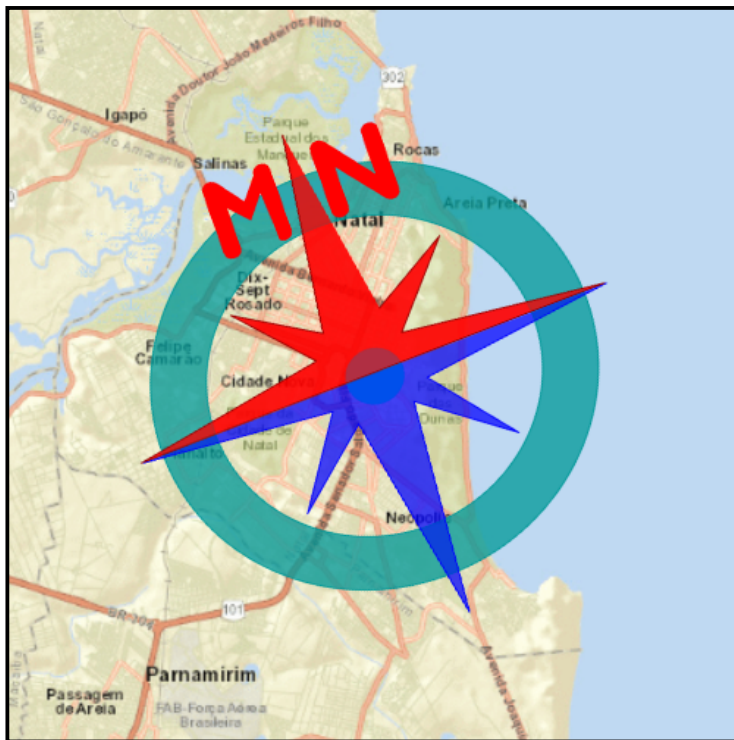
**Longitude**  $35^{\circ} 12' 17''$  W

**Elevation** 0.0 km GPS

**Model Used** WMM2015V2

**Declination**  $21^{\circ} 7'$  W changing by  
 $0^{\circ} 5'$  E per year

**Uncertainty**  $0^{\circ} 20'$



Compass shows the magnetic bearing of the  
magnetic north (MN)

Magnetic declination is the angle between true north and the horizontal trace of the local magnetic field. In general, the present day field models such as the IGRF and World Magnetic Model (WMM) are accurate to within 30 minutes of arc for the declination. However, local anomalies exceeding 10 degrees, although rare, do exist.