



Declination

Date 2024-09-14

Latitude 56.47166° N

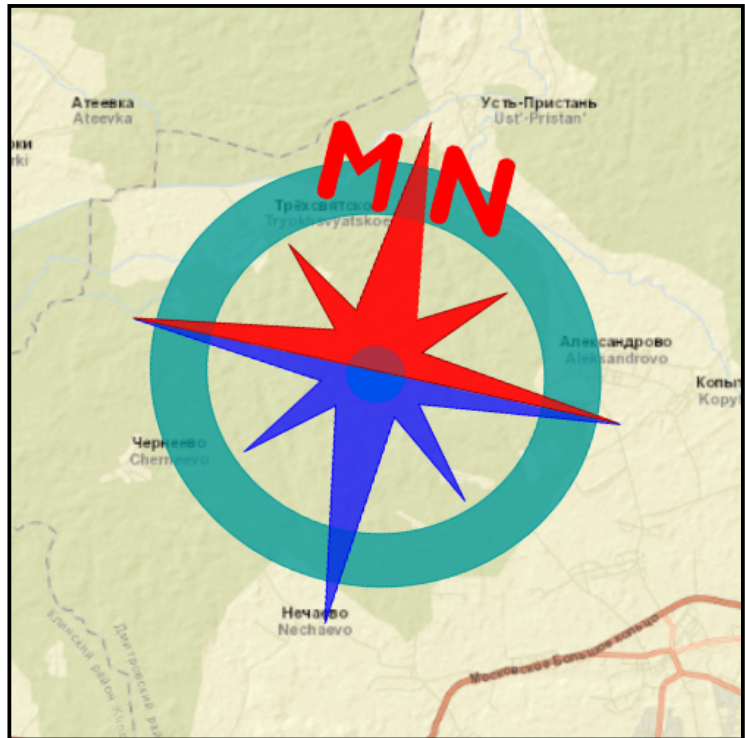
Longitude 37.08682° E

Elevation 0.0 km GPS

Model Used WMM-2020

Declination 12.35° E changing by
0.14° E per year

Uncertainty 0.43°



The compass shows the bearing of the local magnetic field relative to geographic north.

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.