



Declination

Date 2020-03-13

Latitude 41° 32' 34" S

Longitude 173° 56' 45" E

Elevation 0.0 km GPS

Model Used WMM-2020

Declination 22° 48' E changing by
0° 6' E per year

Uncertainty 0° 22'



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.