

TYPICAL VALUES OF MAGNETIC FIELD STRENGTHS

Earth's magnetic field

at the equator approx. $30\ \mu\text{T}$

at the poles approx. $60\ \mu\text{T}$

in Europe approx. $48\ \mu\text{T}$

- horizontal component: $20\ \mu\text{T}$

- vertical component: $44\ \mu\text{T}$

Horseshoe magnet ca. $0.1\ \text{T}$

Strong bar magnet bis $1.5\ \text{T}$

Superconducting Electromagnet CERN $14.6\ \text{T}$

Strongest steady magnetic field on Earth $45\ \text{T}$
(National High Magnetic Field Laboratory, Florida)