

Geothermal Temperature Gradient = GradTG

[@wikipedia](#)

Rate of [Geothermal Temperature](#) $T_G(\mathbf{r})$ change along [True Vertical Direction](#) z :

$$(1) \quad \text{Grad } T_G(\mathbf{r}) = \frac{\partial T_G}{\partial z}$$

The most common value of [Geothermal Temperature Gradient](#) away from tectonic plate boundaries is: $G_T = 0.025 \div 0.035 \text{ } ^\circ\text{C/m}$.

The difference between [Geothermal Temperature Gradient \(GradTG\)](#) and [Unbiased Geothermal Temperature Gradient \(GradTGN\)](#) is that the former accounts for the effects of the seasonal/daily temperature variations, which are only significant above [Neutral Temperature Layer](#).

See Also

[Geology / Geothermal Temperature Field](#)

[[Unbiased Geothermal Temperature Gradient \(GradTGN\)](#)] [[Unbiased Geothermal Temperature Profile \(TGN\)](#)]