

Definitions of Time

Local Mean Solar Time (LMT) = Mean sun's position relative to the meridian, PM to the right of the meridian, AM to the left.

Greenwich Mean Time (GMT) = Local Mean Solar Time for Greenwich.

Universal Time (UT) = Same as Greenwich Mean Time.

Local Sidereal Time (LST) = Right Ascension on the meridian.

Right Ascension is 0h at the Vernal Equinox and increases CCW, as seen looking south, from 0h through 24h.

Greenwich Sidereal Time (GST) = Local Sidereal Time for Greenwich.