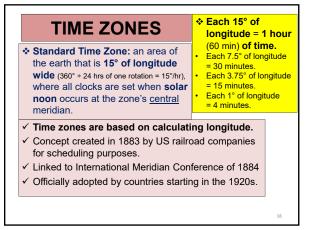


TIME

The longitude of a location is determined by time differential.

You need to know the <u>difference</u> between "<u>local" or</u> "<u>sun" time and "prime meridian time (GMT)."</u>

NOTE: It is the <u>same time</u> (hour of the day) along any meridian from the <u>North Pole to the South Pole</u>.



TIME ZONES

- There are 24 world standard time zones, each 15° wide and equal to one hour.
- Numerous off-standard zones (half hour, multi-hour, sun) created by governments.
- Over 30 irregular-shaped zones due to political borders.
- The International Date Line generally follows the 180° meridian – but not exactly in order to keep political units in the same date. When the line is crossed the date changes, e.g., 3 PM Tuesday becomes 3 PM Wednesday, or vice versa, depending on direction of movement.

