Historical values for Length of Day (LOD)

- LOD increase
  - 2.3 ms/cy
  - 1.8 ms/cy
  - 1.4 ms/cy

Observations in Newcomb's *Tables of the Sun*

- Mean

Inception of leap seconds in 1972

Slowest rotation of all earth history in 1903

ET = UT
≈ 1902
(ET-UT) = 32.184s
1958-01-01

TA ≈ UT
1980-01-06

GPS = UTC

Steve Allen https://www.ucolick.org/~sla/leapsecs/