Historical values for Length of Day (LOD)

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

- Inception of leap seconds in 1972
- Slowest rotation of all earth history in 1903

- Observations in Newcomb's *Tables of the Sun*

- Mean

- ET = UT ≈ 1902
- TA ≈ UT
- (ET-UT) = 32.184s
- 1958-01-01
- GPS = UTC
- 1980-01-06

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