UDLS - Time Zones

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A Brief History of Time

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  - No planes
  - No long distance calling
  - Travel time > Time Difference
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A New Standard

- American Railway system had trouble coordinating trains.
- US got 4 time zones in 1883
- Britain implemented standard time for Scotland, Wales, and England in 1884.
- International Meridian Conference in 1884 decided on Greenwich Meridian as the Prime Meridian
- In 1972, Coordinated Universal Time (UTC) replaced GMT as the world's time standard
● French maps showed zero degrees in Paris for many years
● French continued to treat Paris as the prime meridian until 1911
● French defined their civil time as Paris Mean Time minus 9 minutes and 21 seconds
  ○ Same time as GMT! Go figure.
● France did not formally use UTC as a reference to its standard time zone (UTC+1) until August in 1978
DST: Why is this still a thing?

- German Empire and Austria-Hungary first to implement in 1916.
- EU citizens voted against DST in August 2018.
The Ideal World
The Real World
Rounding Issues: Part 1

- India: UTC +5:30
- Myanmar: UTC +6:30
- Iran: UTC +3:30 / +4:30
- Afghanistan: UTC +4:30
- Sri Lanka: UTC +5:30
- Canada, Newfoundland: UTC -3:30 / -2:30
- Nepal: UTC +5:45
Home Sweet Home

- Time Zones in Canada
Home Sweet Home

- Time Zones in Canada

![Canada Time Zones Map](image)
Home Sweet Home

- Time Zones in Canada
  - 6 Timezones!!
- Time Zones in British Columbia
Home Sweet Home

- Time Zones in Canada
  - 6 Timezones!!
- Time Zones in British Columbia
  - TWO!!!!
Party in the USA
A Summer Drive Through Arizona
One for all

UTC+8

Beijing Time
All for One

- France currently holds the world record for the country with the most time zones
  - 12 Time Zones. US and Russia only have 11
- France also has the biggest range of time zones. (22hr time difference)
  - UTC -10 in Tahiti
  - UTC +12 in Wallis and Futuna
All for One

France currently holds the world record for the country with the most time zones, with 12. US and Russia only have 11.

France also has the biggest range of time zones, with a 22-hour time difference, between UTC -10 in Tahiti and UTC +12 in Wallis and Futuna.
From Russia With Love (2010)
From Russia, With Love (2011-2014)
From Russia With Love (2014-Now)
The Curious Case of Samoa

Daylight Saving Time (DST)
Summer (October - March)

70 km

+14
(DST)

-11

American Samoa

Samoa
The One with 3 Days in a Day

Republic of Kiribati

+12
Gilbert Islands

Phoenix Islands
-11

Line Islands
-10

Equator
180° 165°W 150°W
The One with 3 Days in a Day
Blunder Down Under
Blunder Down Under
Rounding Issues : Part 2

- French Polynesia, Marquesas Islands: UTC -9:30
- New Zealand, Chatham Islands: UTC +12:45 / +13:45
- Australia
  - Northern Territory: UTC +9:30
  - Eucla: UTC +8:45
  - South Australia: UTC +9:30 / +10:30
  - Broken Hill: UTC +9:30 / +10:30
  - Lord Howe Island: UTC +10:30 / +11:00
  - Cocos (Keeling) Islands: UTC +06:30
Thank You!!!!
Thank You!!!!
(Oh wait....)
The Forgotten One