

### GREETINGS HOMESCHOOLING PARENTS,

There are certain aspects of Earth Science that most students love! In this infographic I've covered some of those that are also important for students know in everyday life. For example, being able to determine what time it is in Virginia, if it's 2:00 pm in Colorado.

— *Greg Landry*  
Homeschool Dad  
Former College Professor  
[www.HomeschoolLabs.com](http://www.HomeschoolLabs.com)

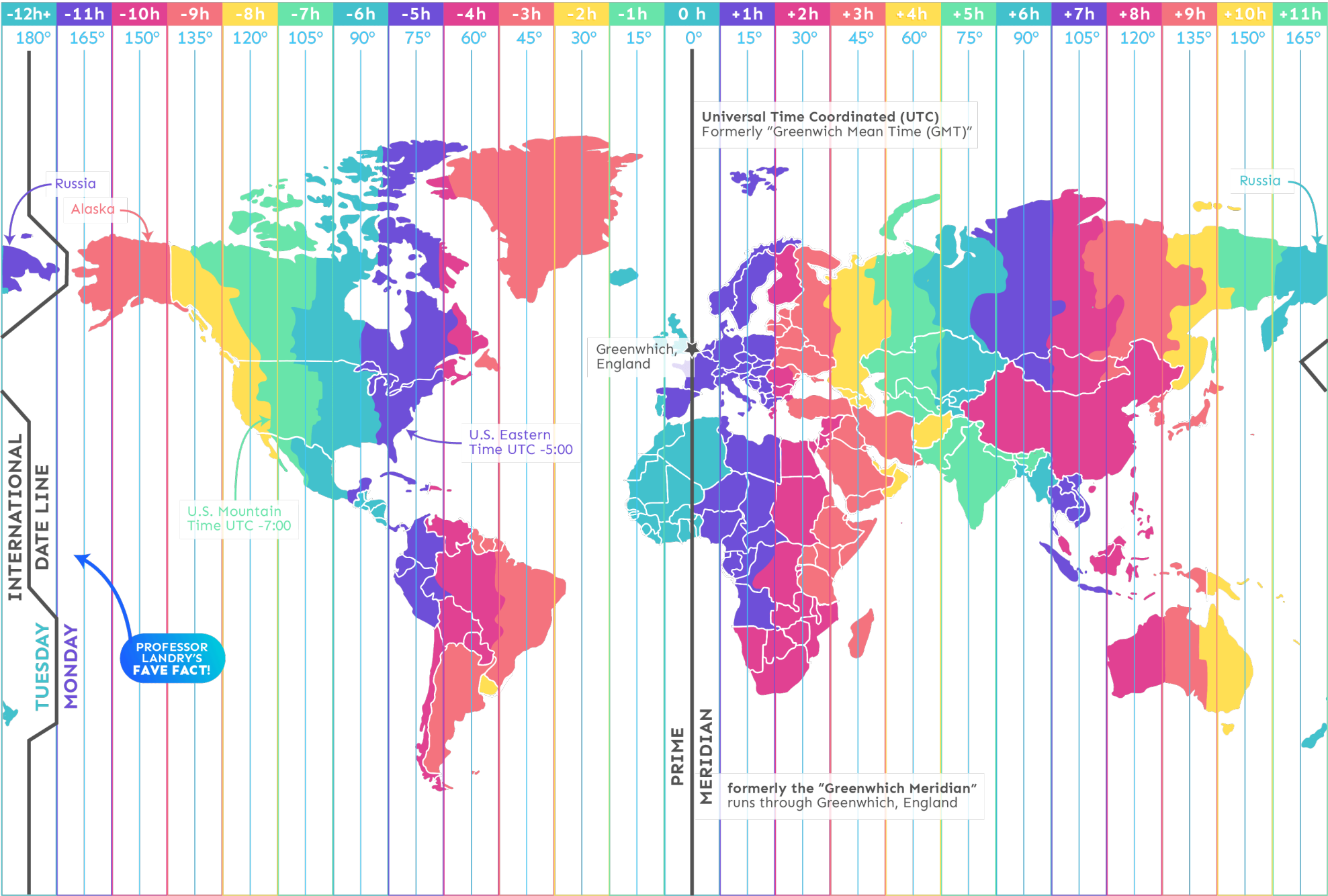
### AUDIO RECORDING WILL WALK YOU THROUGH THIS GRAPHIC

My audio, "Prime Meridian, Time Zones, Summer Solstice & More" will walk you through this infographic step-by-step.

**CLICK TO LISTEN**

# Prime Meridian, International Date Line, & Universal Time Coordinates

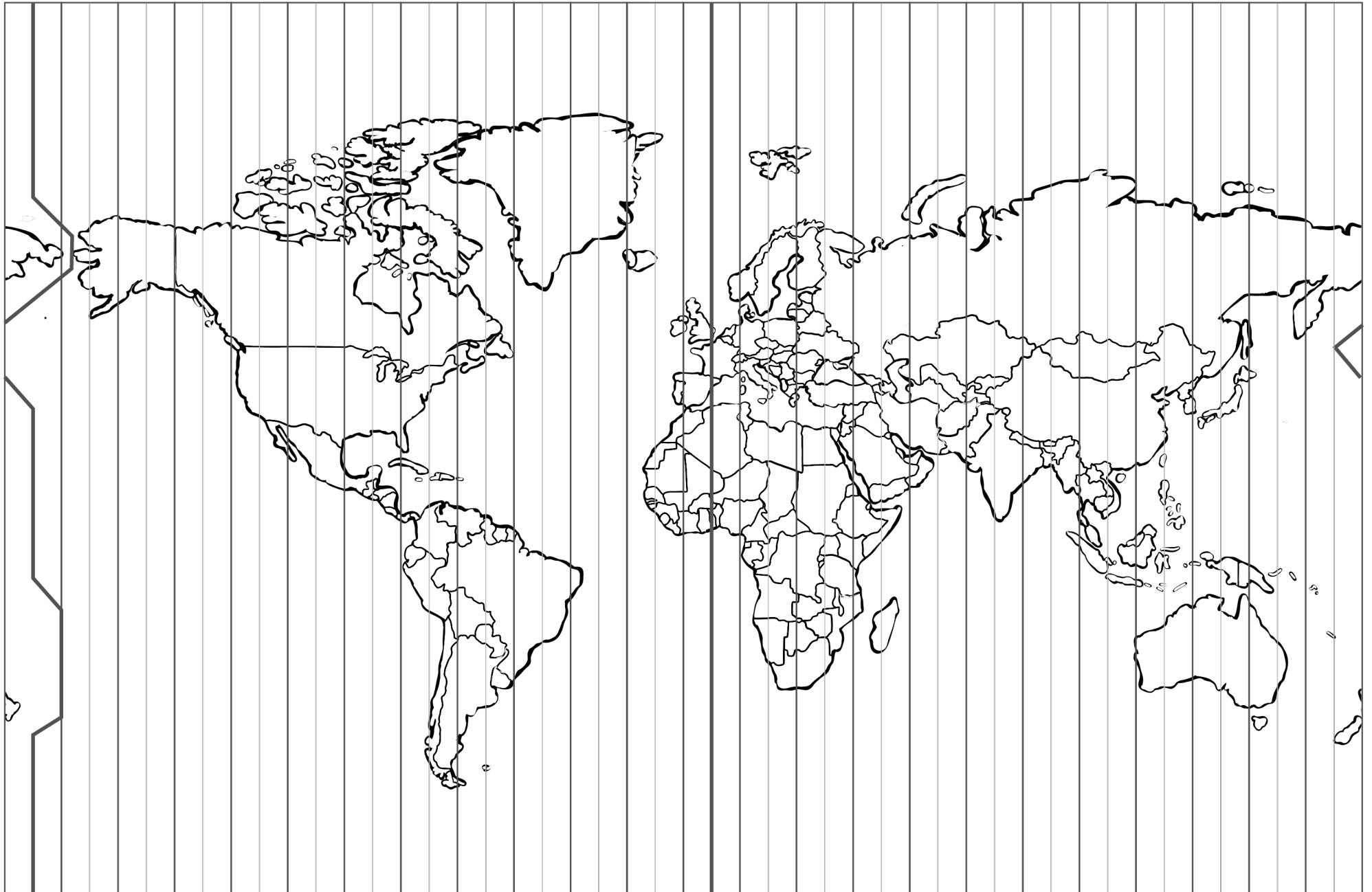
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# Prime Meridian, International Date Line, & Universal Time Coordinates

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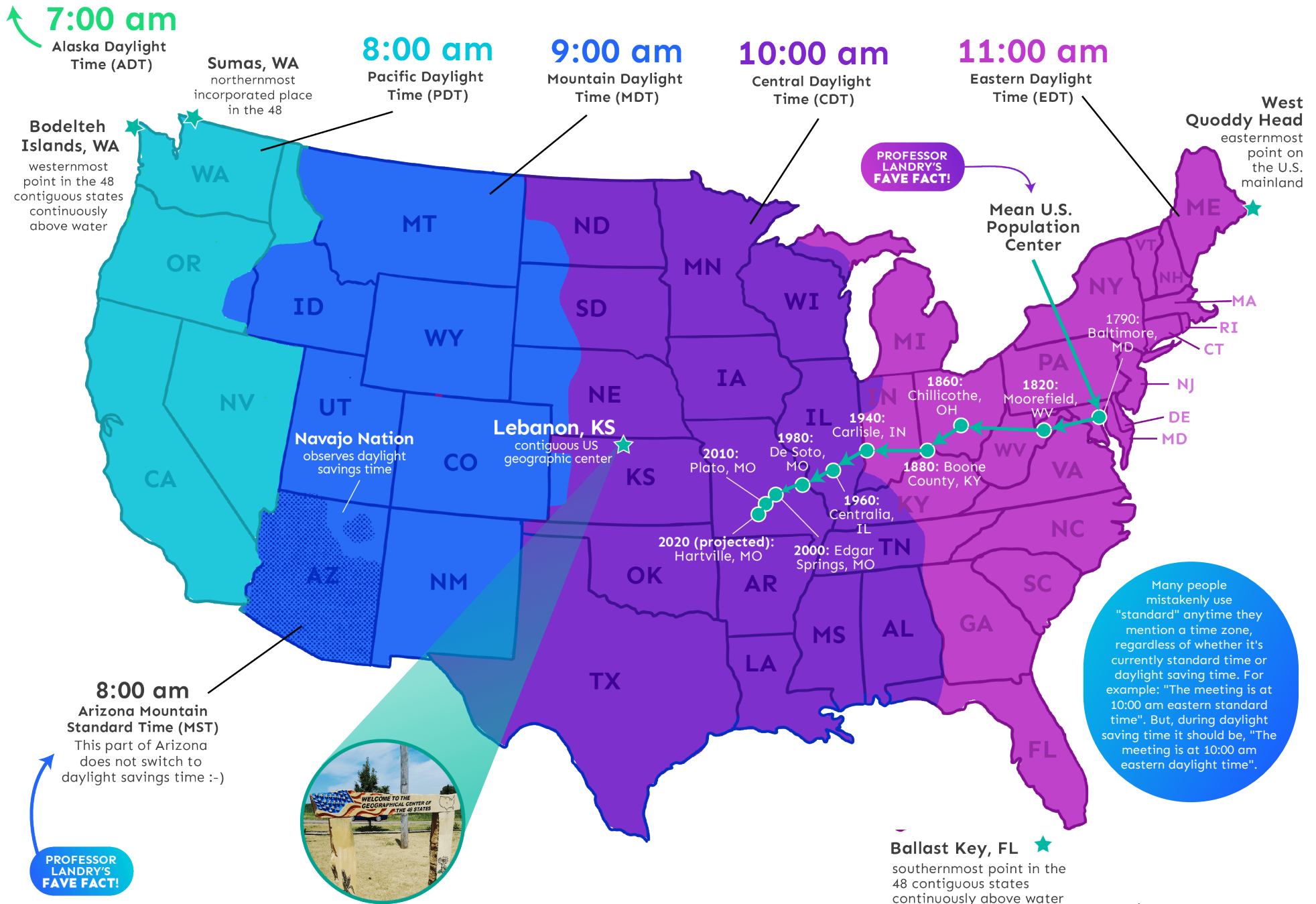
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# U.S. Time Zones & Geographic & Populations Centers

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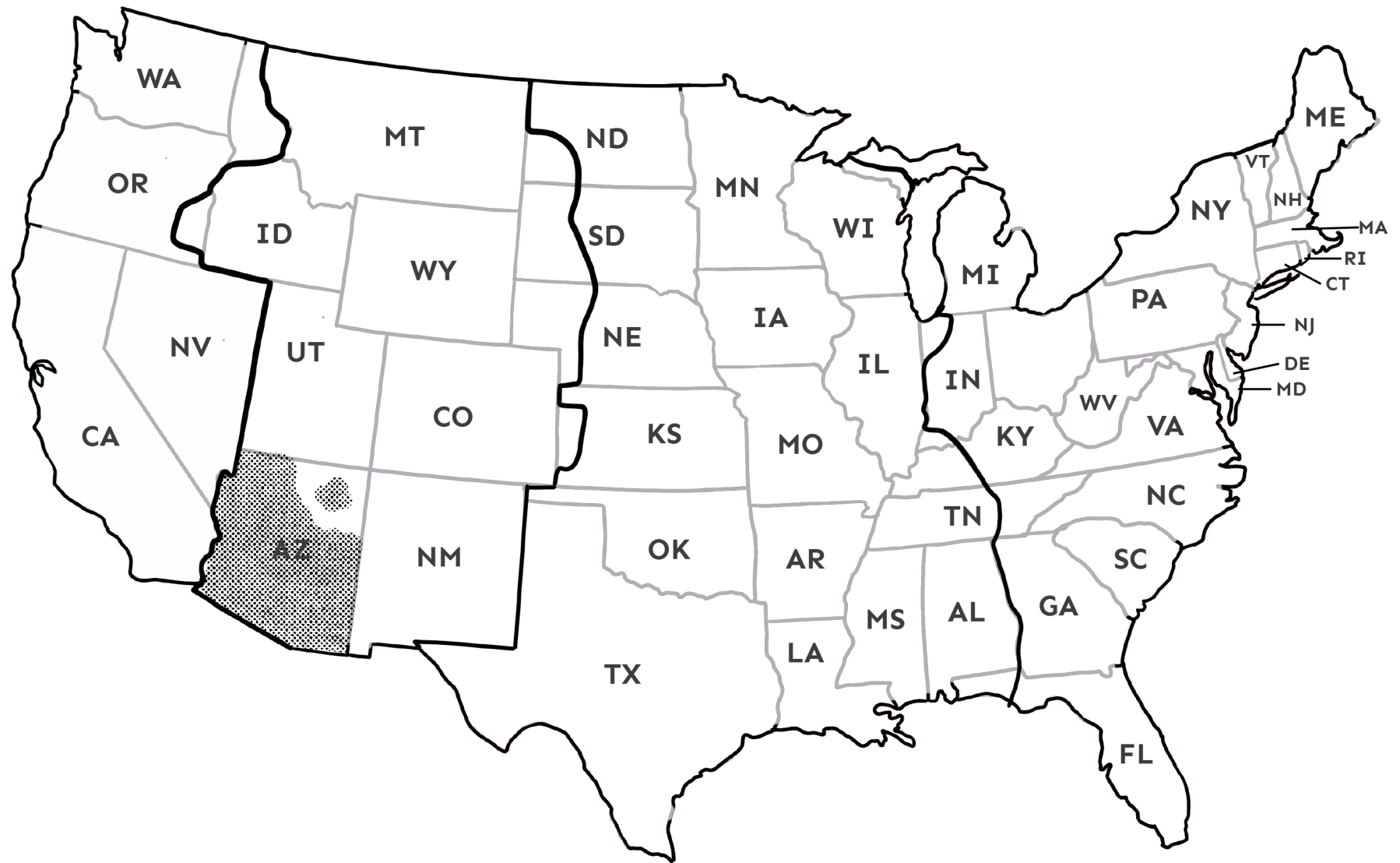
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# U.S. Time Zones & Geographic & Populations Centers

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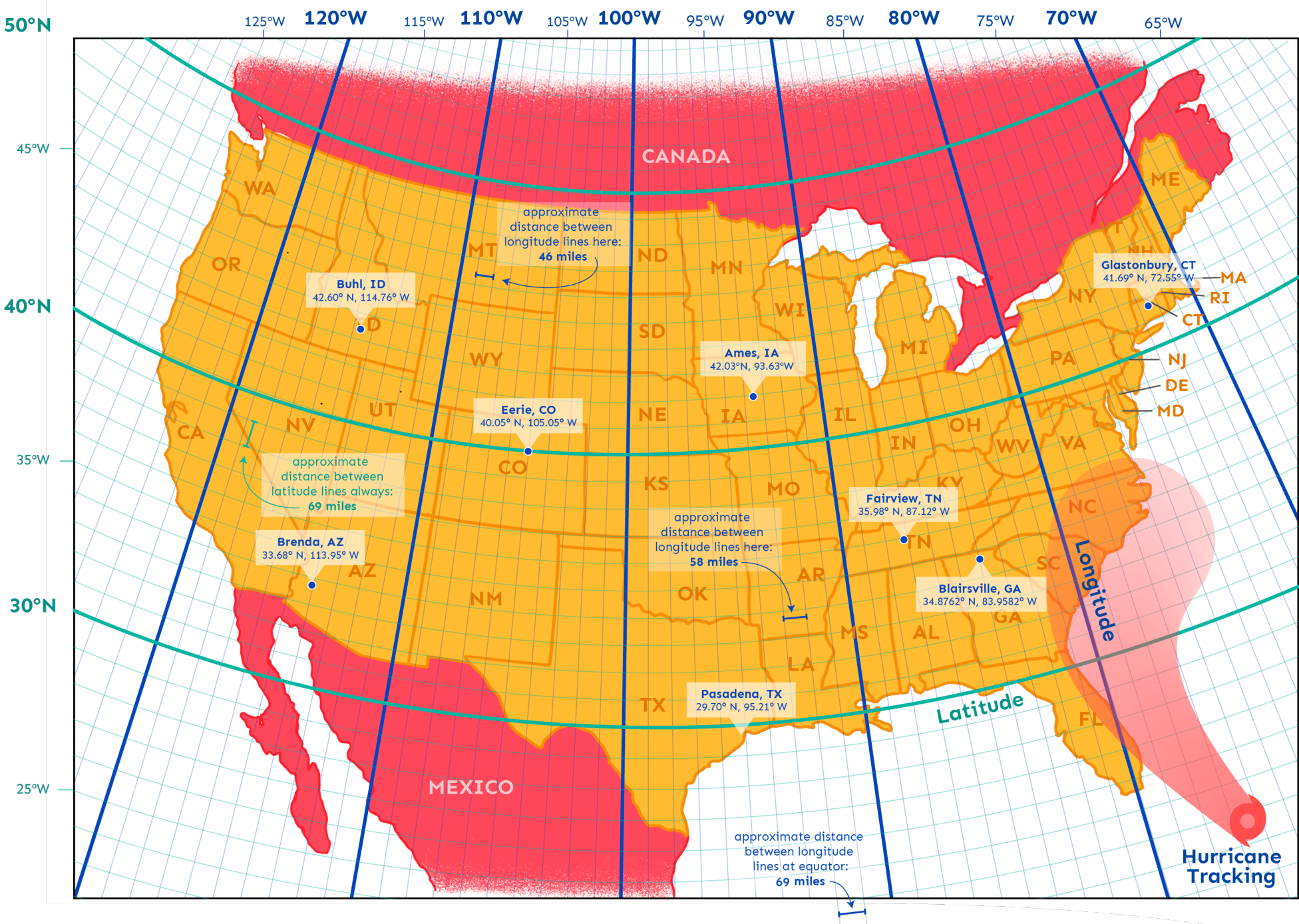
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# United States Latitude and Longitude

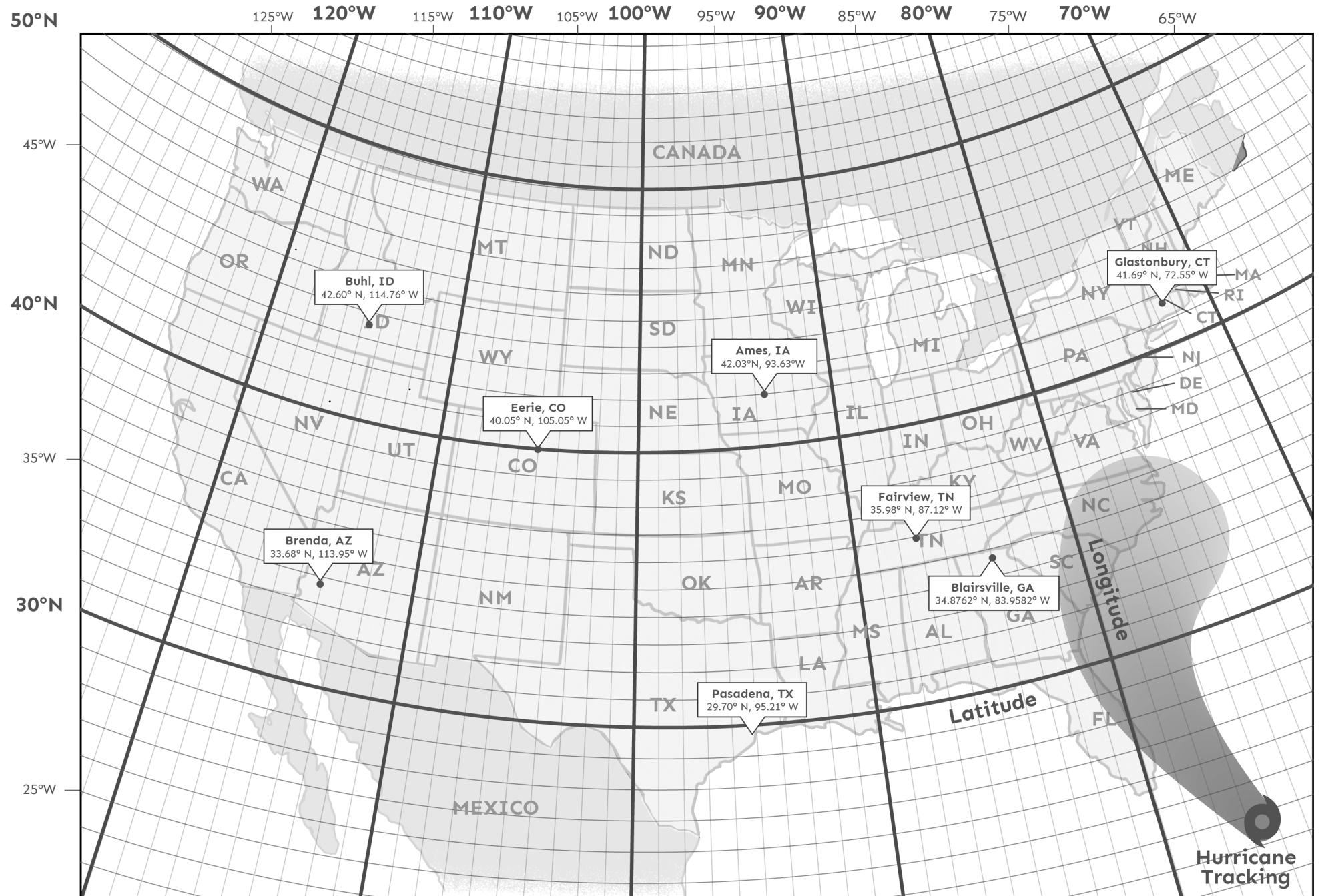
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## United States Latitude and Longitude

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# Sun Paths and Sunrise/Sunset Locations

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## Summer Solstice

June 21

## Autumnal (Fall) Equinox

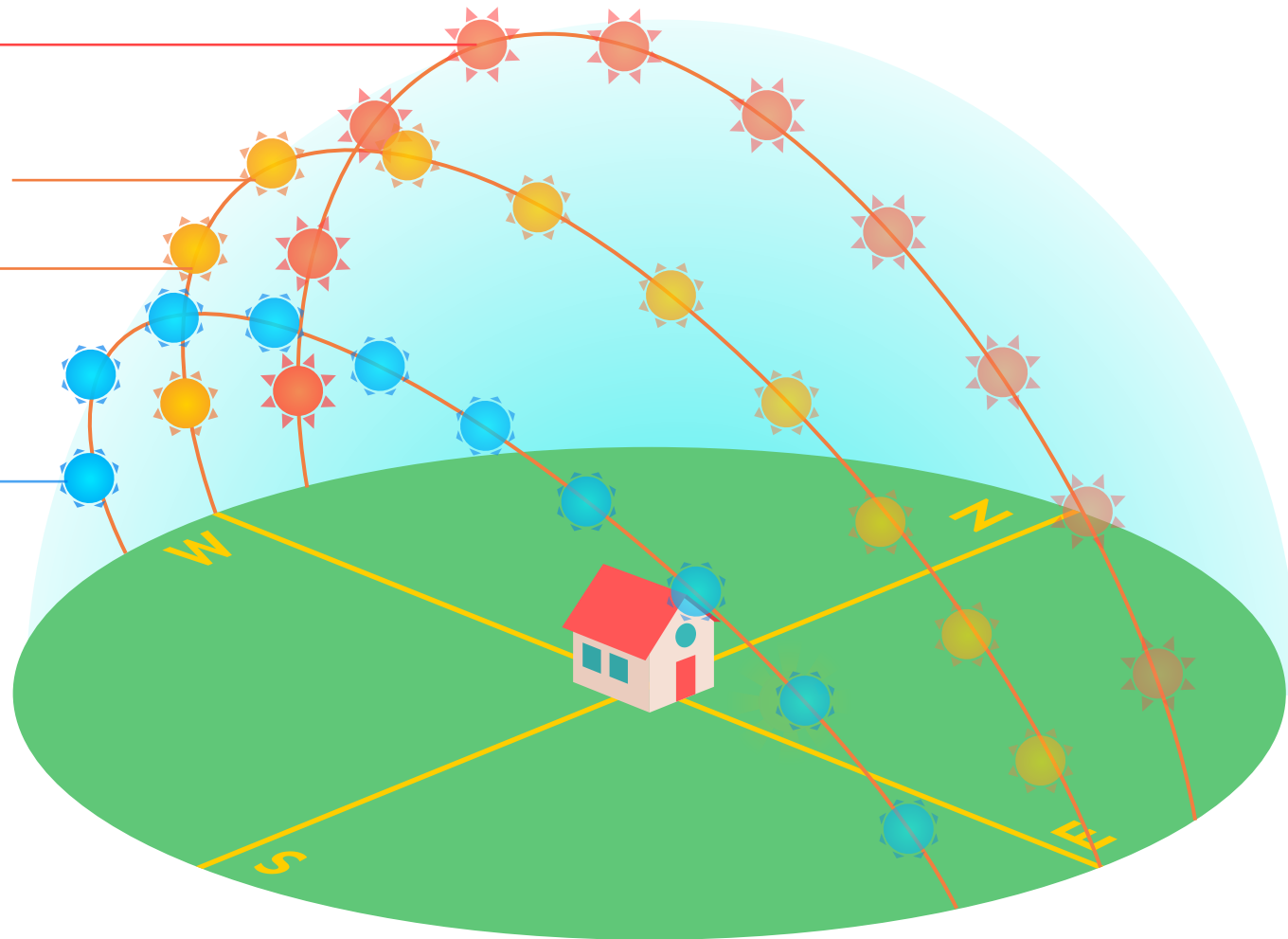
September 22

## Vernal (Spring) Equinox

March 20

## Winter Solstice

December 21



### PROFESSOR LANDRY'S FAVE FACT!

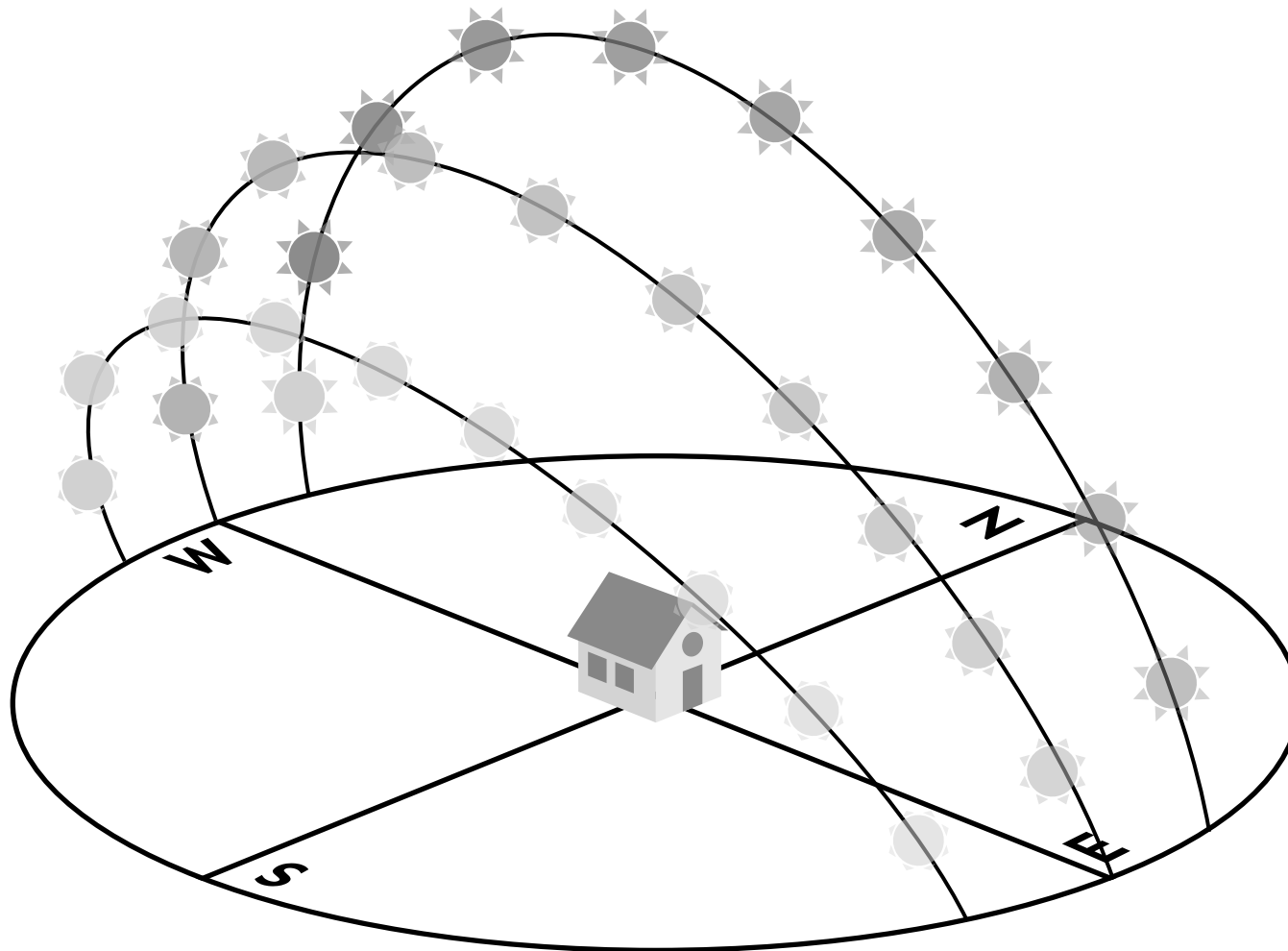
The sun only rises at exactly due east and only sets at exactly due west on two days each year: The spring equinox and the fall equinox.



# Sun Paths and Sunrise/Sunset Locations

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# Time Zones Worksheet

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1. If its 10:00 am in Boise, ID, what time is it in Charlotte, NC? \_\_\_\_\_

2. If its 3:00 pm in Naples, FL, what time is it in Phoenix, AZ during standard time? \_\_\_\_\_

3. If it's 11:00 pm in Lincoln City, OR, what time is it in Pulaski, TN? \_\_\_\_\_

4. Are there parts of the U.S that don't observe daylight saving time? If so, discuss.

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5. What do you see are the positive and negative aspects of daylight savings time?

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6. When does daylight saving time begin and end in the U.S.?

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7. Do you think the U.S. should continue using daylight saving time? Discuss why or why not.

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# Time Zones Worksheet

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8. In the sketch space below, create your country, name it, divide it into sections and name those. Then assuming it's 3,000 miles wide, divide it into time zones and name them. Use lots of color for differentiation.