

Inventions & Innovations



The Main Idea

- New inventions
and innovations
allowed for the
rapid growth of the
United States.

Notable Inventions

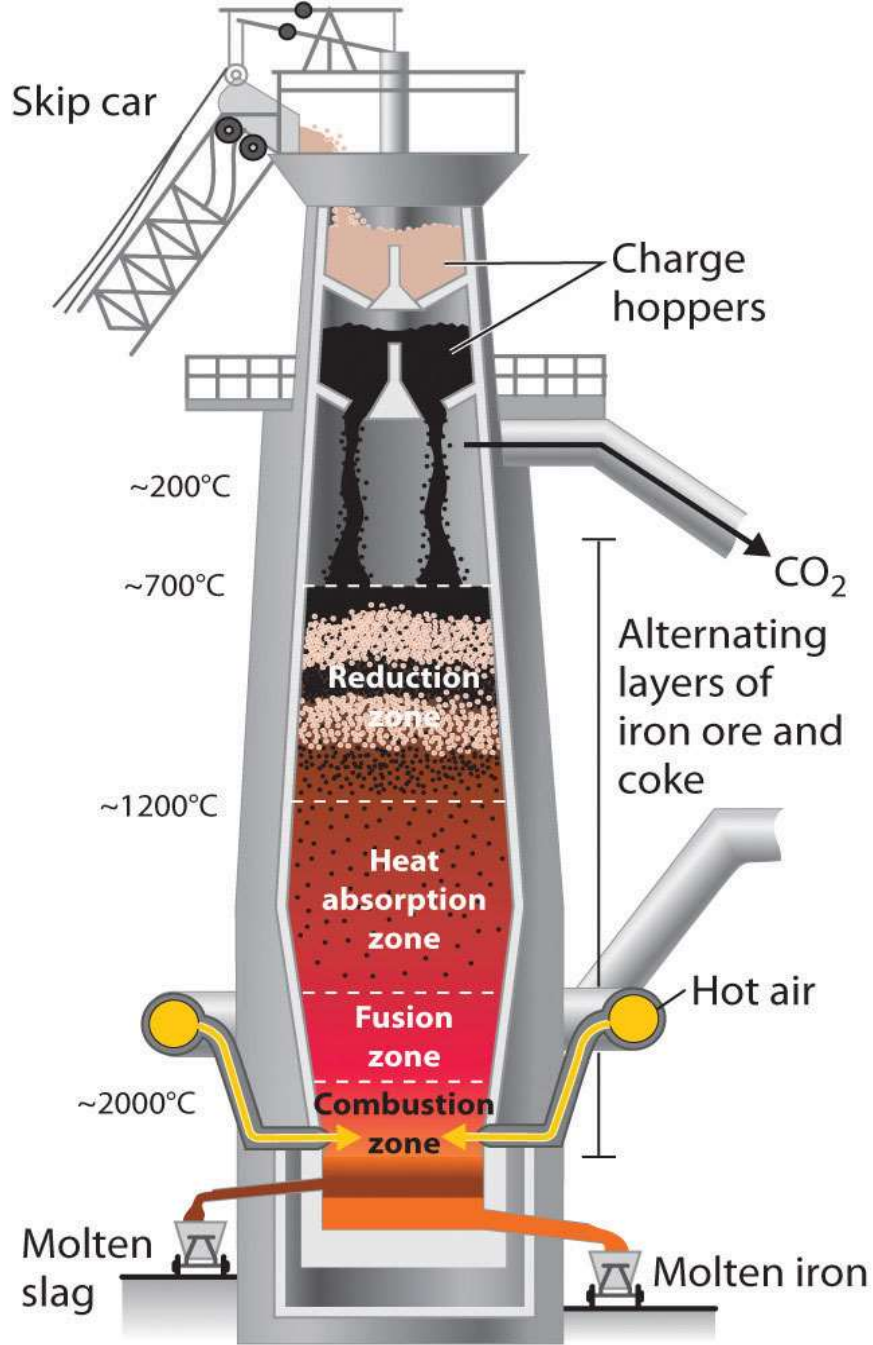
- Morse Code
- Typewriter
- Telephone
- Calculating Machine
- Cash Register
- Camera
- Safety Razor



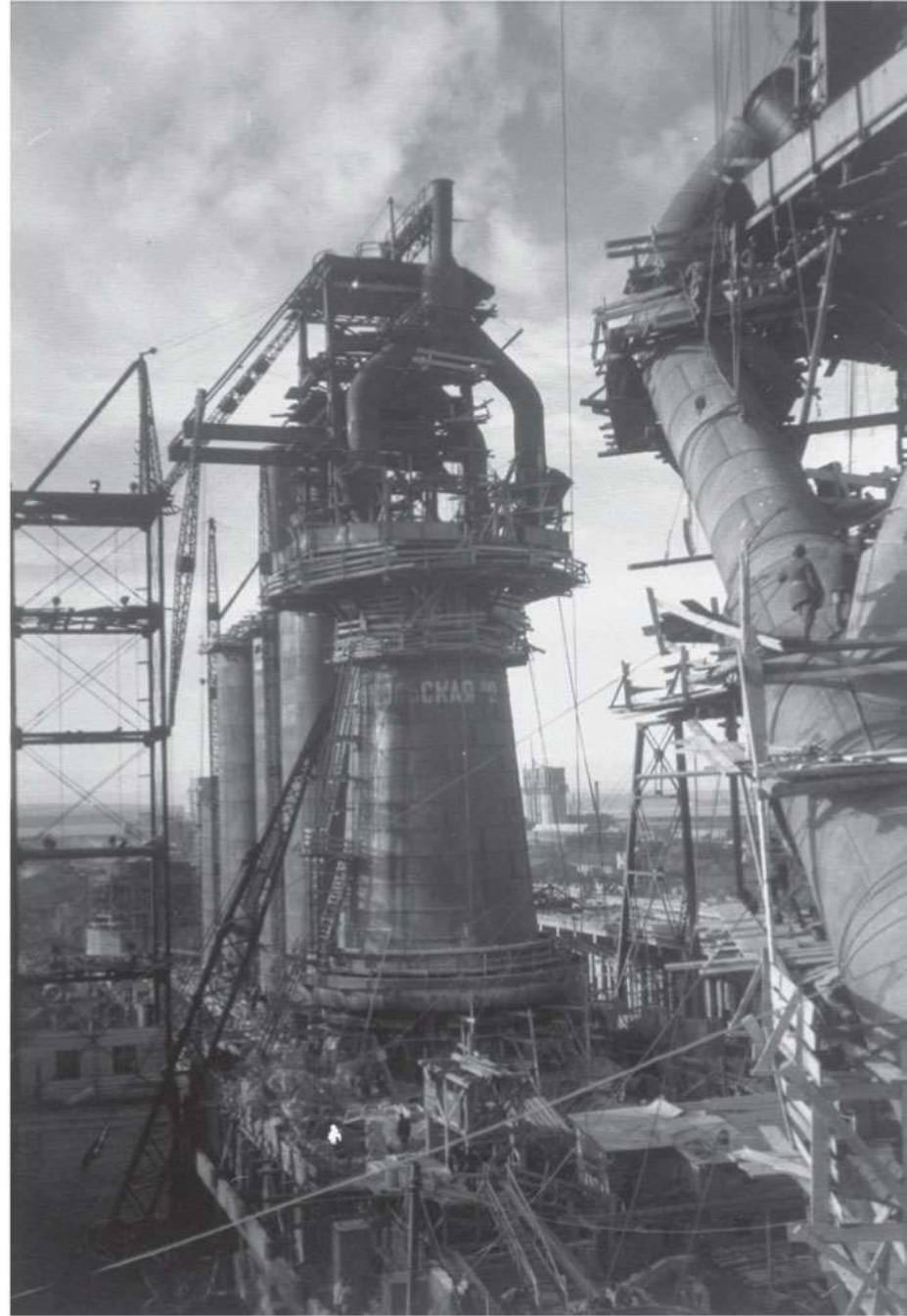
Making Steel

- Bessemer Process
 - Henry Bessemer
- Increased production
 - 1873 115,000 Tons
 - 1910 24 Million Tons
 - America was the top producer.
- Steel was stronger than iron.





(a) Blast furnace



(b) World's largest blast furnace in 1931



Car Park →

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Museum Opening Times
Monday to Thursday 10.00am to 4.00pm
Saturday 11.00am to 4.00pm
Car Park
800 Free
Cash
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CAFE
Reliving the story of the Kelham Island
Museum in a new way. Join the
Museum to learn more about the history of
Kelham Island and the Museum itself.


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Start of the Oil Industry

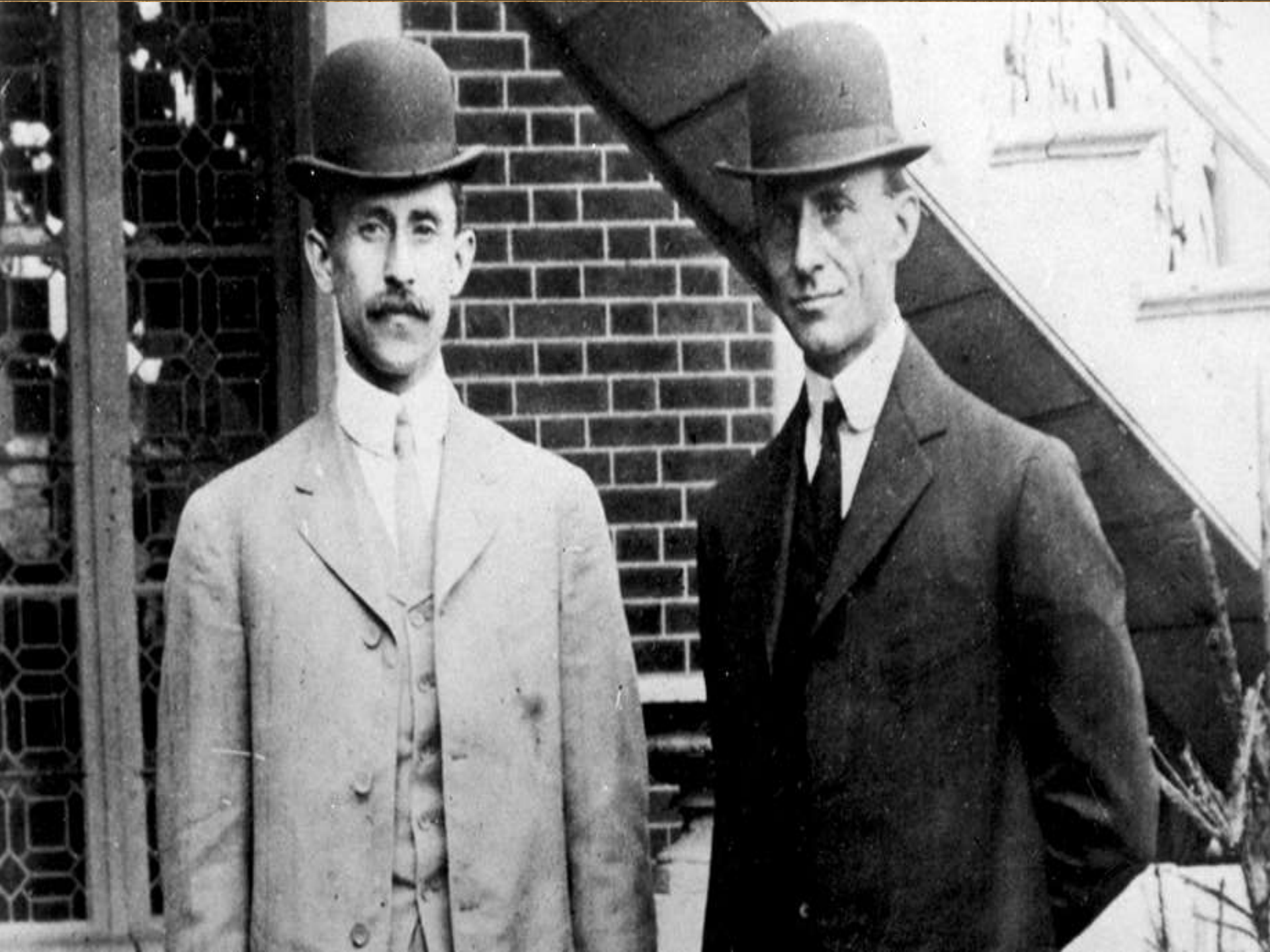
- Discovery of oil
 - 1859
 - A Day that changed America
- Oil was more proficient for energy.
- Took off in 1901 (Texas)
 - Exxon Mobil, Gulf Oil, & Texaco started here.



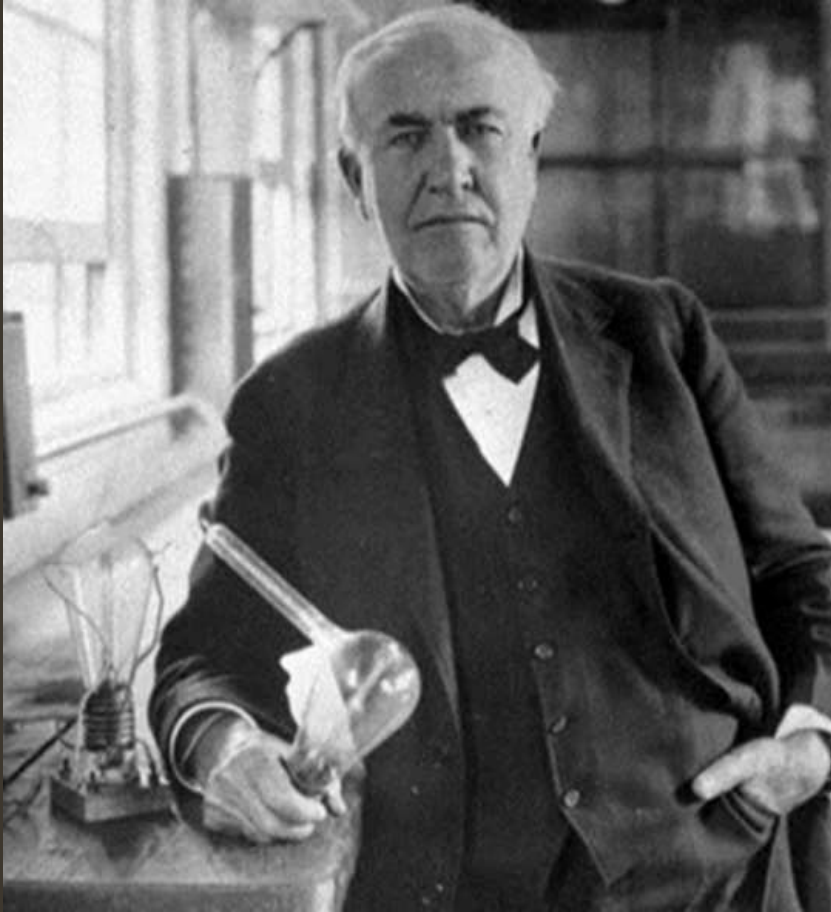
Airplanes

- Wilbur and Orville Wright were the first to successfully fly an airplane—for 12 seconds in 1903.
- They followed this success with even longer flights.





Edison & Light

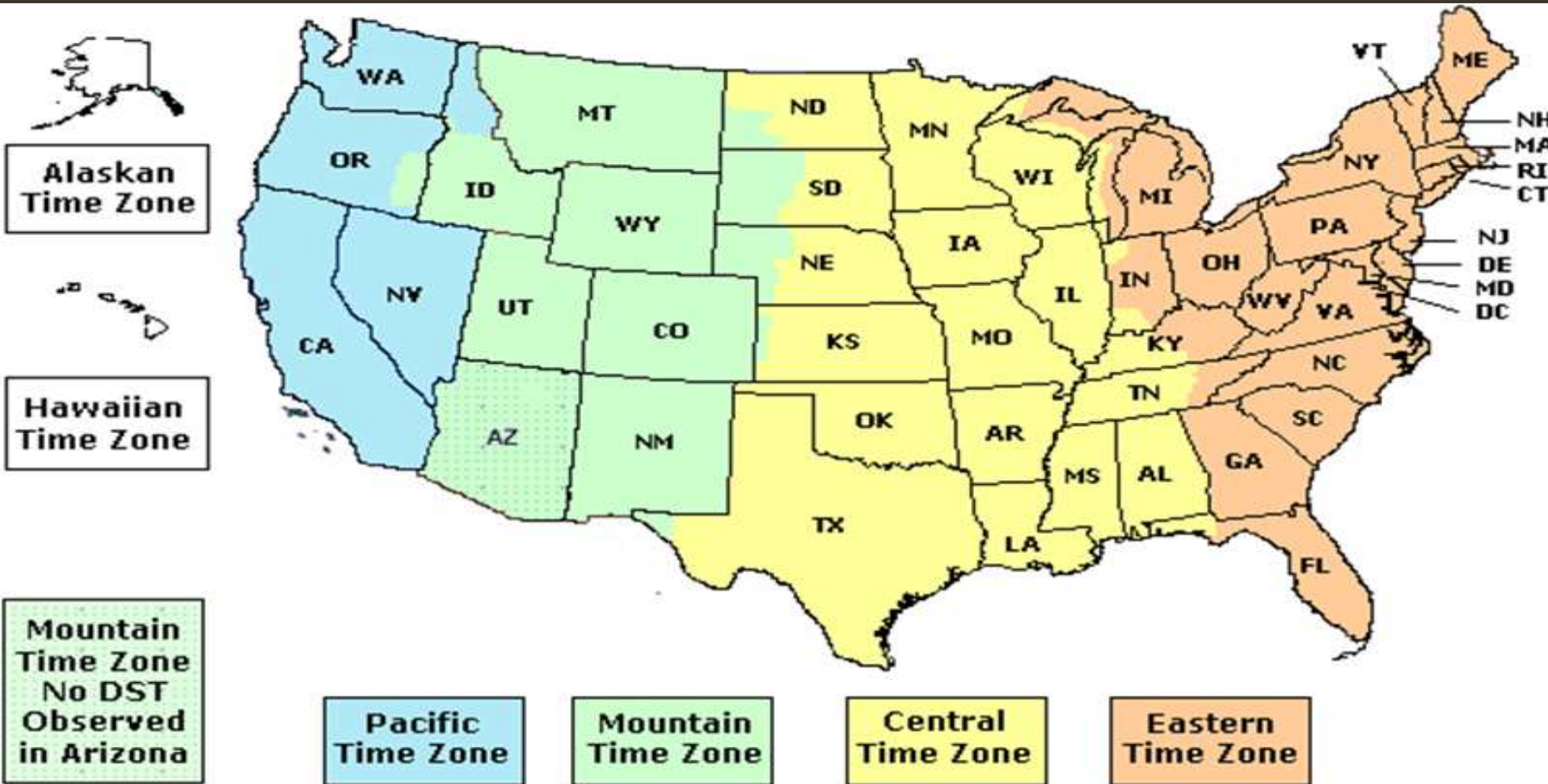


- Edison with other inventors at his lab at Menlo Park created the first research laboratory.
- Thomas Edison was able to invent the first light bulb and power generator which brought light to cities, homes, and businesses.

Impact of Expansion

- Promoted Trade & Created Jobs
- Settlement of the west increased.
- The creation of standard time.

Standard Time Map



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Arizona is in the Mountain Time Zone and does not observe daylight saving time except in the Navajo Indian Nation. To view the current time in Arizona select from the state menu below.