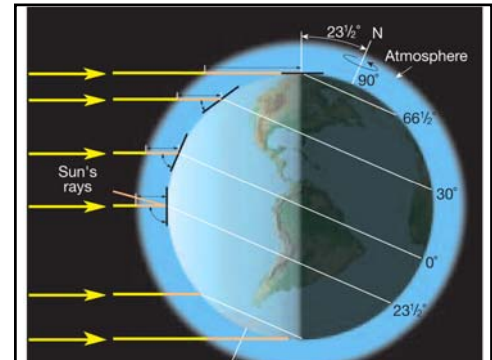
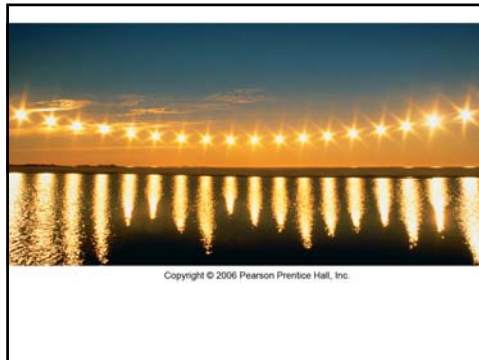
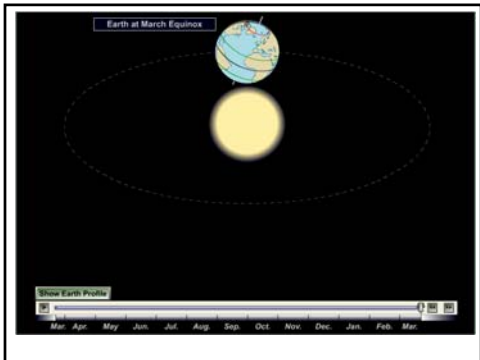
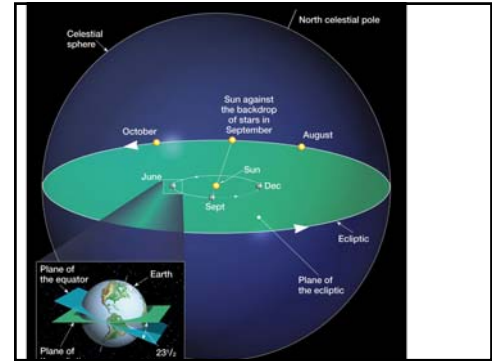
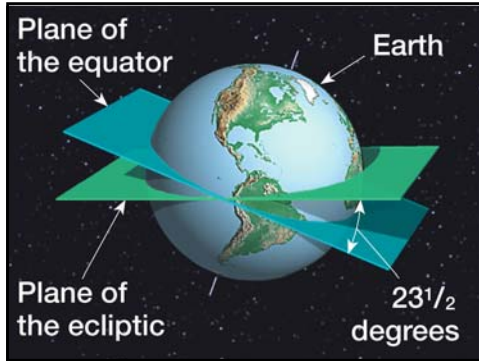
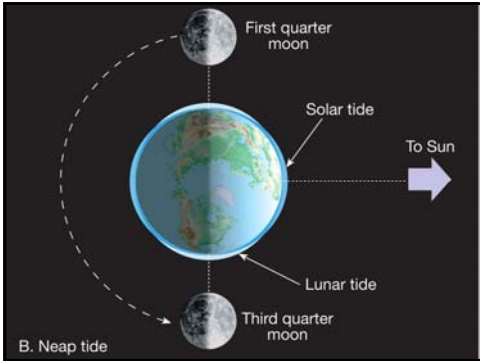
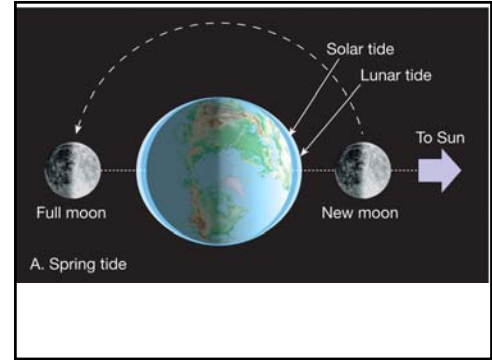
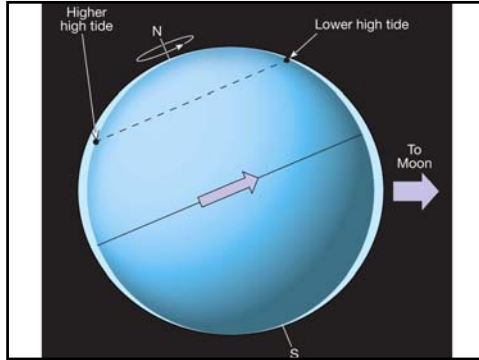
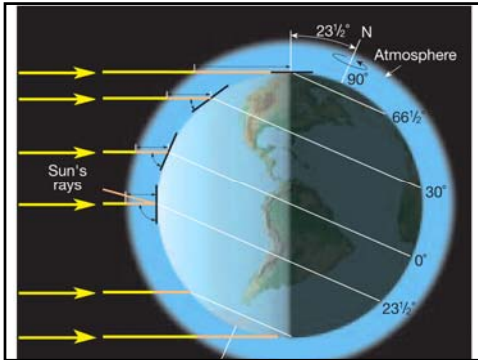
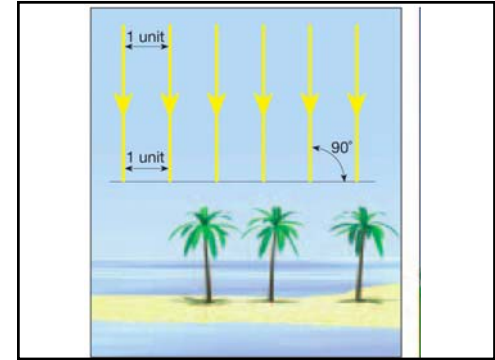
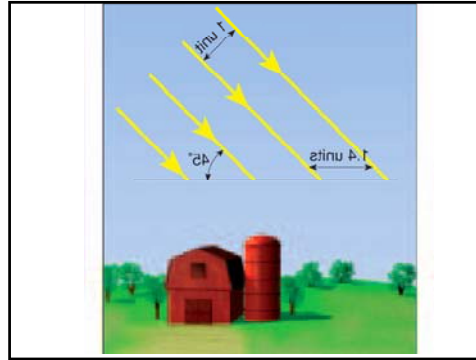
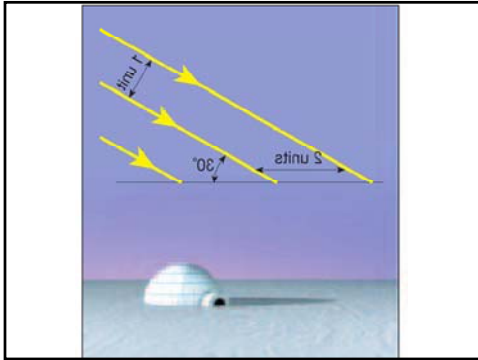


Earth-Moon-Sun Relationships

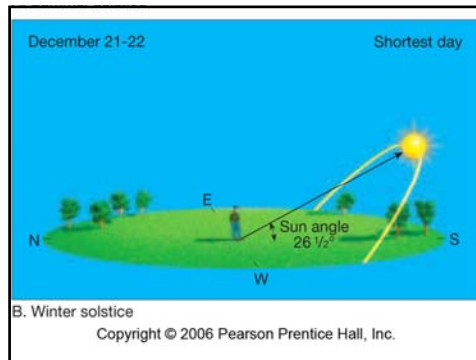
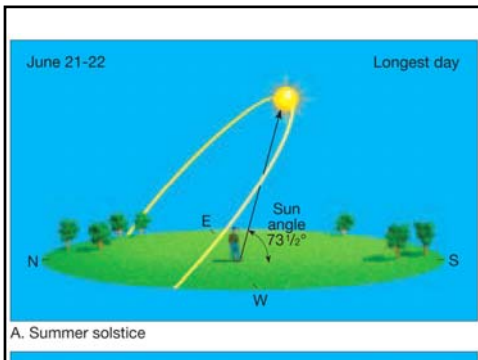
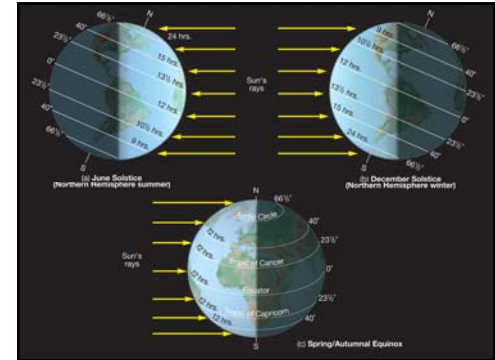




Tropic Circles

- Tropic of Cancer: 23.5° N latitude
- Furthest north location of overhead sun rays
- June 20/21: "June Solstice"

- Tropic of Capricorn: 23.5° S latitude
- Furthest south location of overhead sun rays
- December 21/22 : "December Solstice"



Polar Circles

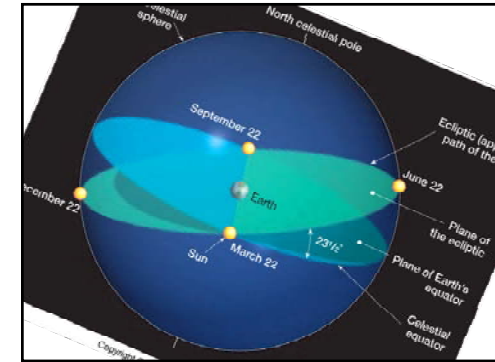
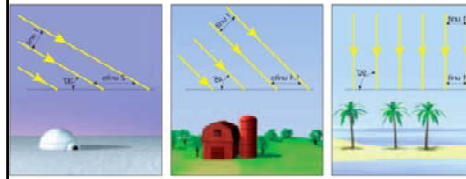
- Arctic Circle: 66.5° N latitude
- Furthest south reach of 24 hour sunlight
- Also on June solstice

- Arctic Circle is also furthest south reach of 24 hour darkness on December solstice

Polar Circles

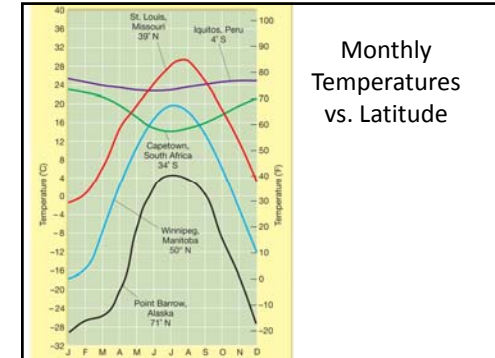
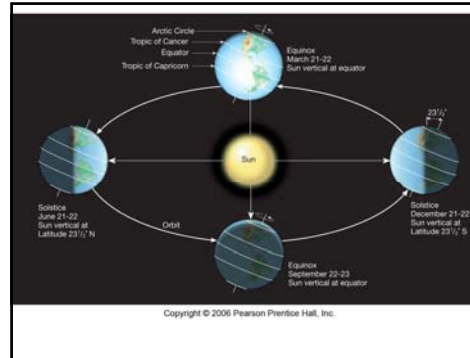
- Antarctic Circle: 66.5° S latitude
- Furthest north reach of 24 hour sunlight
- Also on December solstice
- Antarctic Circle is also furthest north reach of 24 hour darkness on June solstice

Sun Angle with Latitude



Equinox

- Date when there is equal day and night for every location on Earth
- March 19/20: "March Equinox"
- September 22/23: "September Equinox"



Monthly Temperatures vs. Latitude