

TmARTScience YouTube

METEOROLOGY

2 MEASURING THE ATMOSPHERE TEMPERATURE

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MEASURING THE ENERGY OF THE ATMOSPHERE

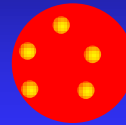


Measurement of Energy

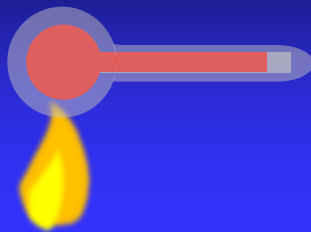


Temperature

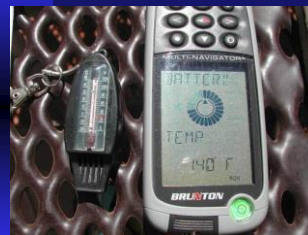
- The measurement of atomic (molecular) movement.



Thermometers to measure Energy



Thermometers



Grand Canyon AZ

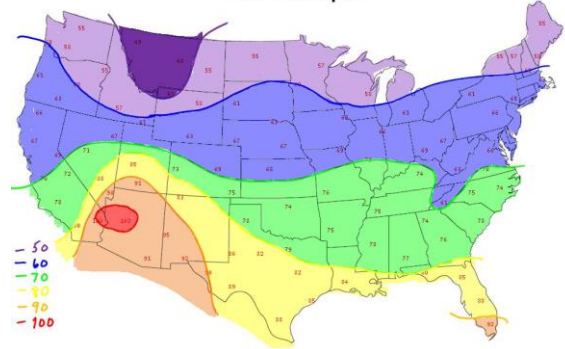


El gygytyn Siberia

Temperature Scales

- Fahrenheit - based on 32
 - ◆ Salt water, fresh water, body temp
- Celsius - based on 100
 - ◆ Existence of liquid water
- Kelvin
 - ◆ Absolute $0 = 0$
 - ◆ (Measurement of molecular motion)

US Temps



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