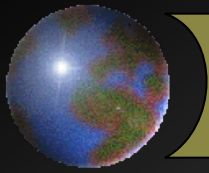


Lesson 5: Evaporation and Transpiration

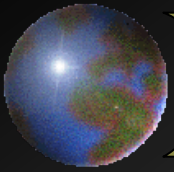
53:171

Water Resources Engineering



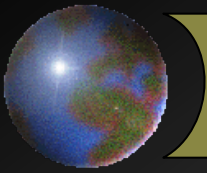
Evaporation

Measurement Techniques

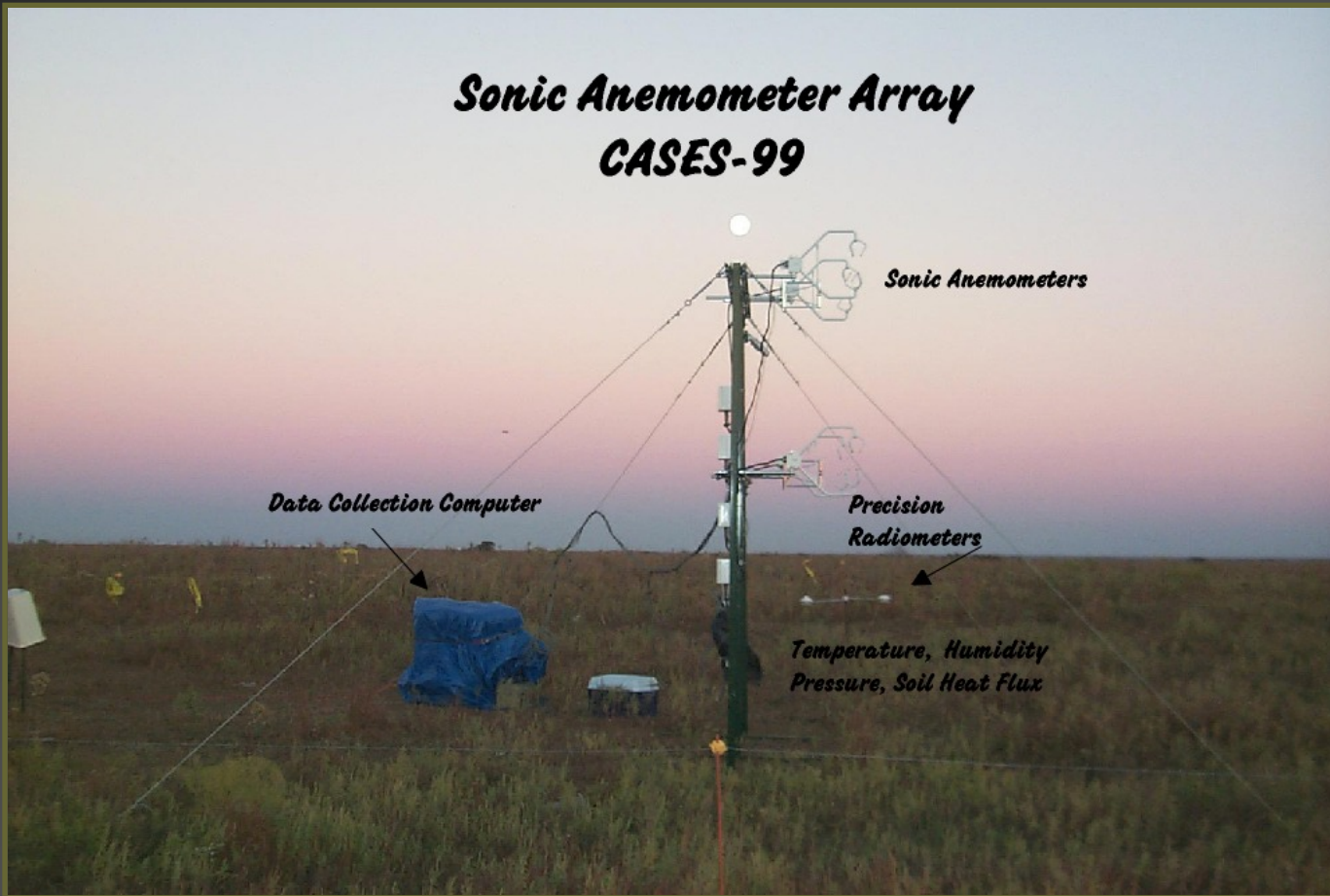


Pan Evaporation





Water Flux Measurement



***Sonic Anemometer Array
CASES-99***

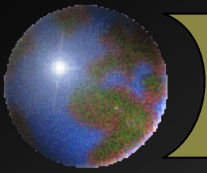
Sonic Anemometers

Data Collection Computer

Precision Radiometers

*Temperature, Humidity
Pressure, Soil Heat Flux*

High-resolution vertical wind and water vapor data

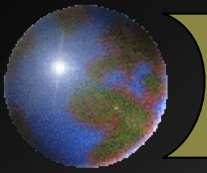


Weighing Lysimeter

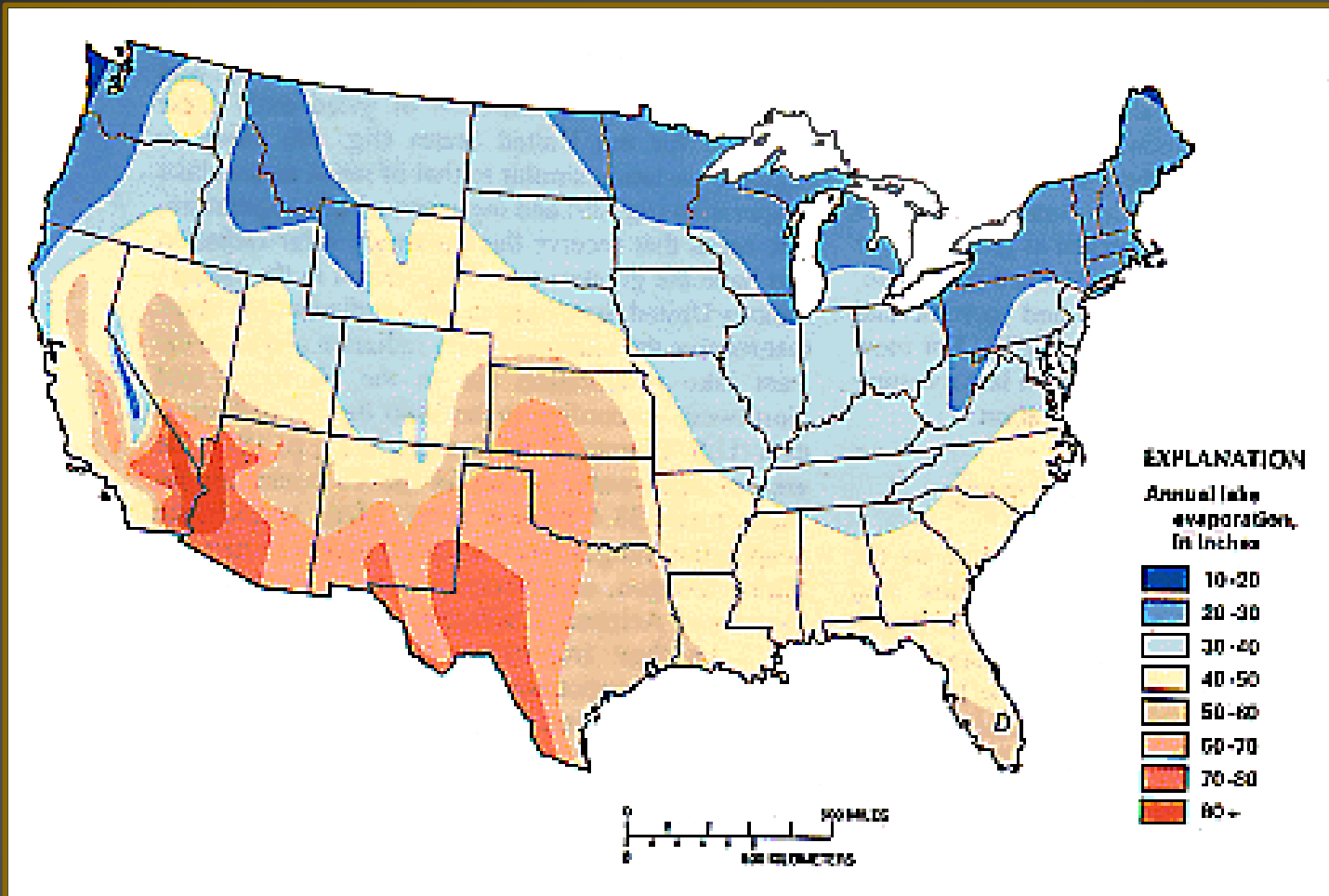


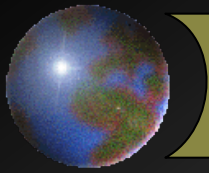
Continuous weighing
of soil and water in
the device





Pan Evaporation





Actual Evaporation

