

Pecan Water Use in the Dona Ana County

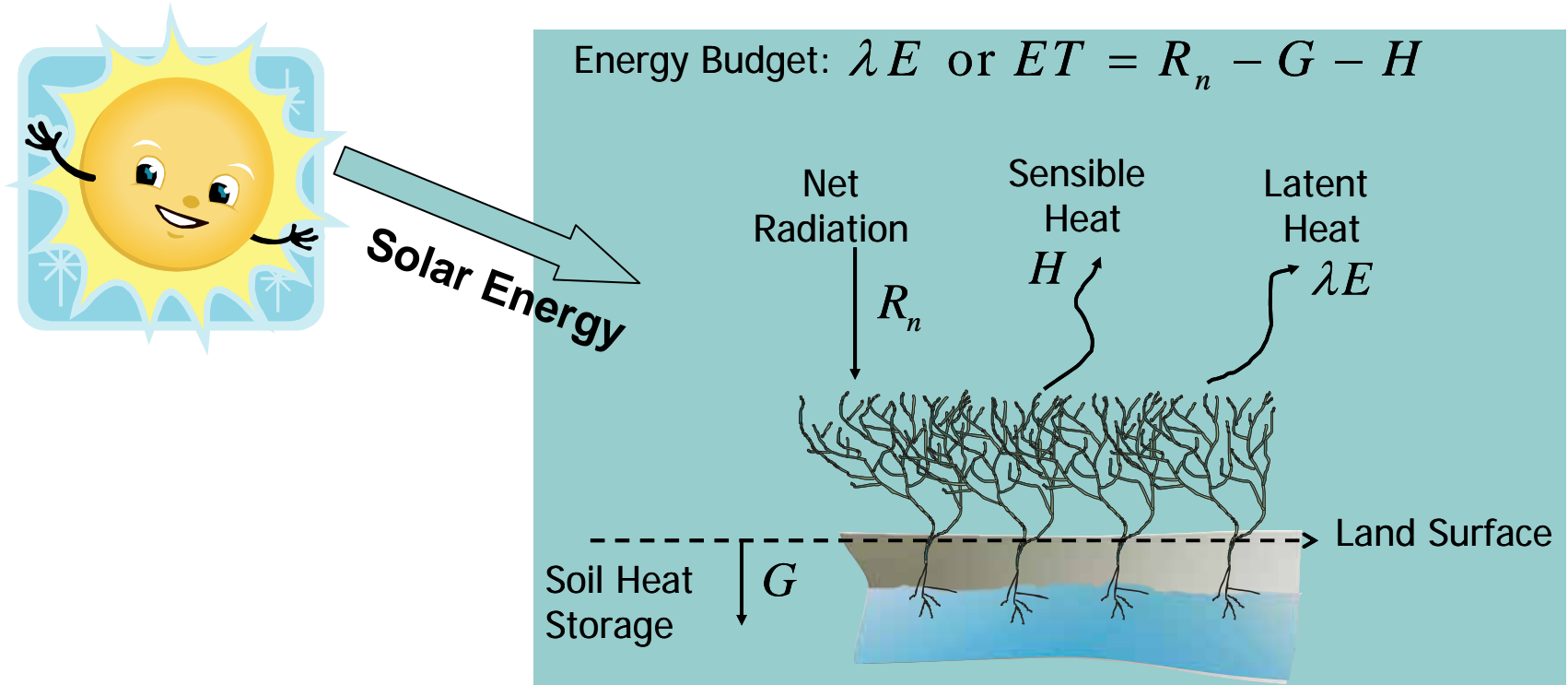
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New Mexico State University



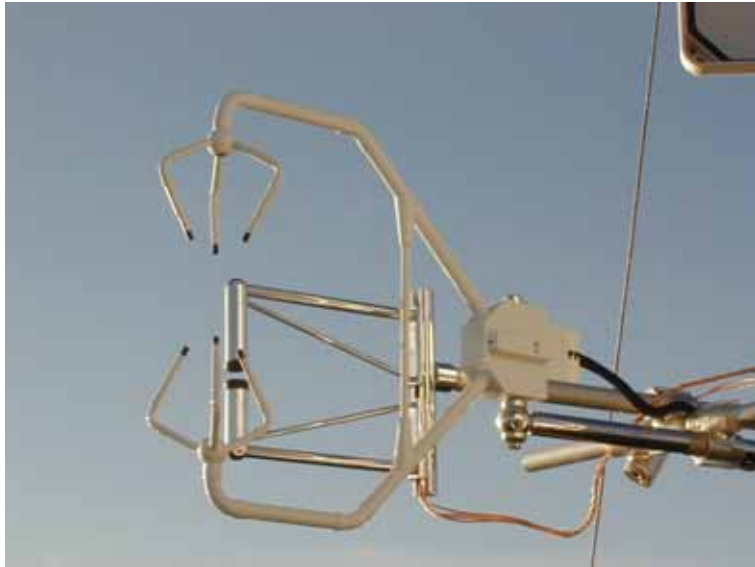
Acknowledgment

- Salim Bawazir – College of Engineering
- Rhonda Skaggs – College of Agriculture
- Max Bleiweiss – College of Agriculture
- Stahmann Farms Inc.
- Elephant Butte Irrigation District

Evaporation + Transpiration (ET)



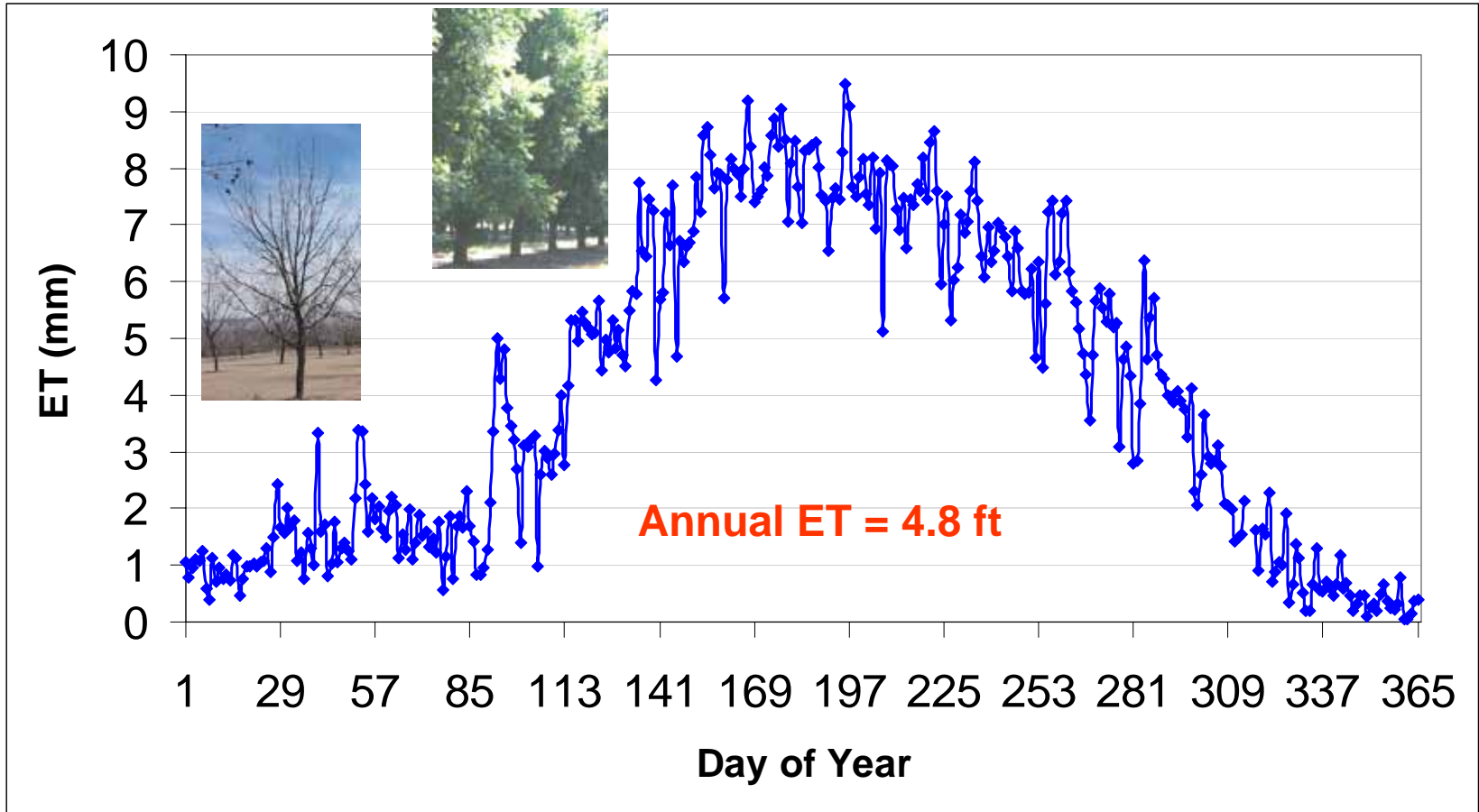
Measuring ET in the Field



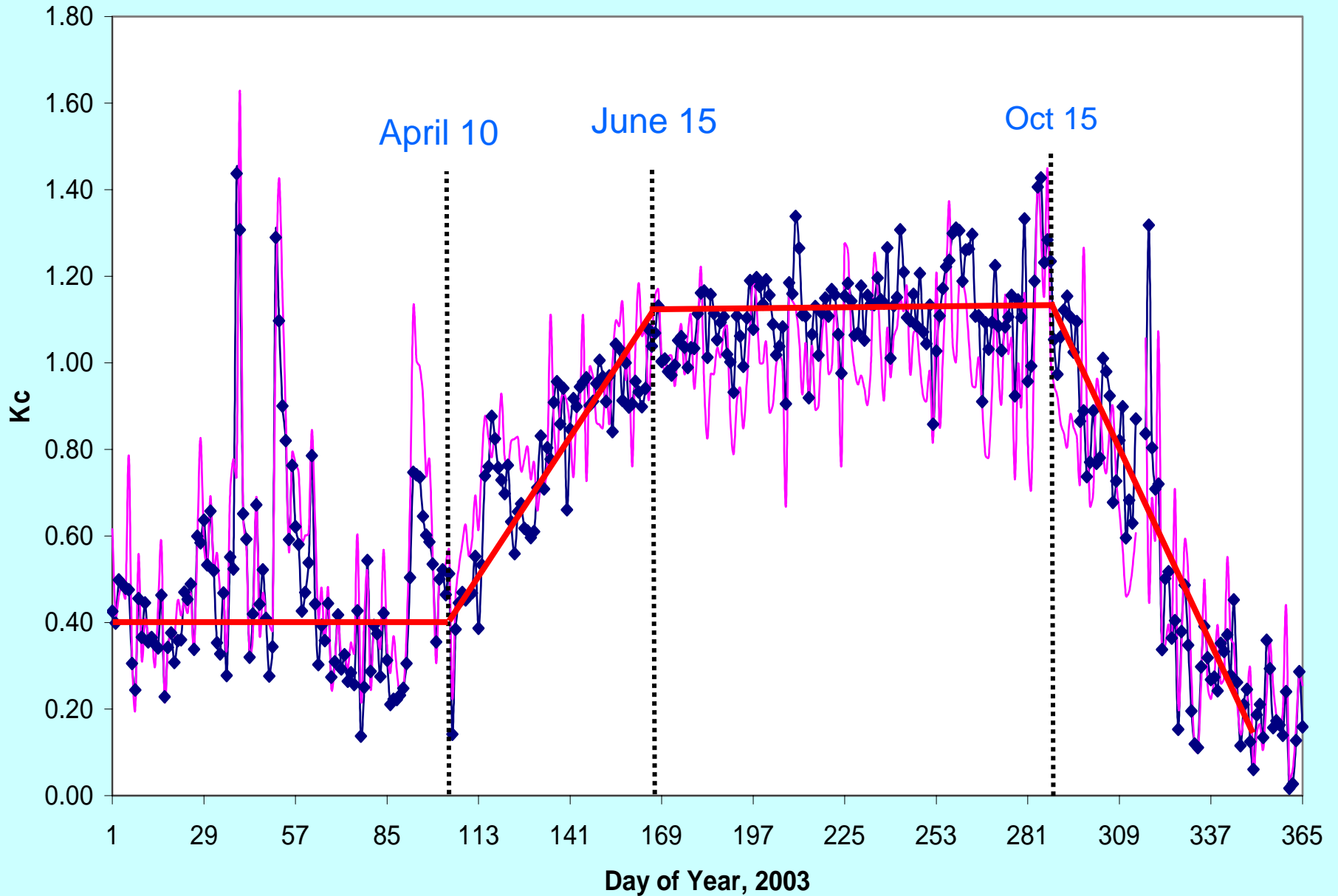
**3-D Sonic Eddy
Covariance
System**

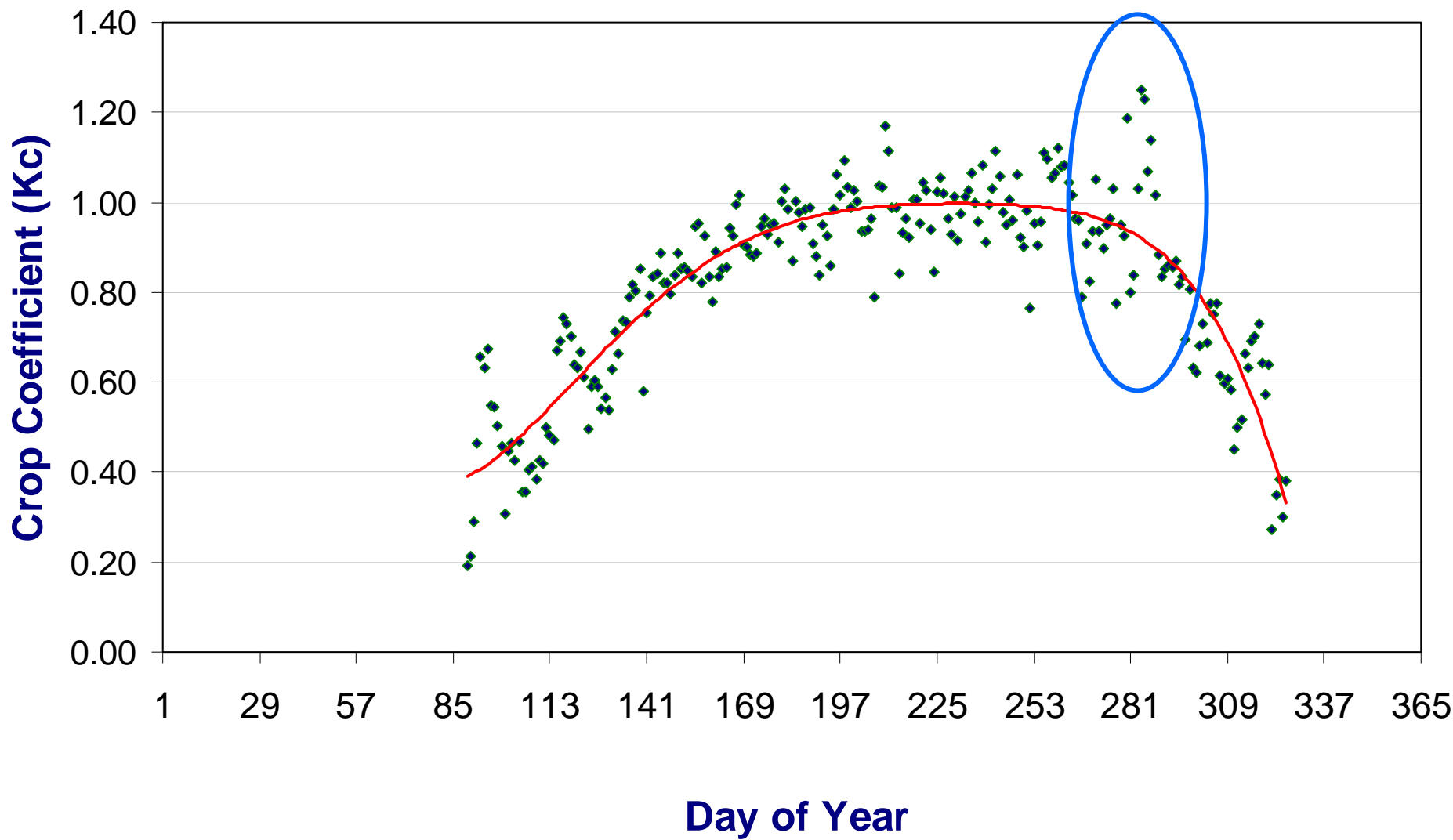


How does ET change with time?

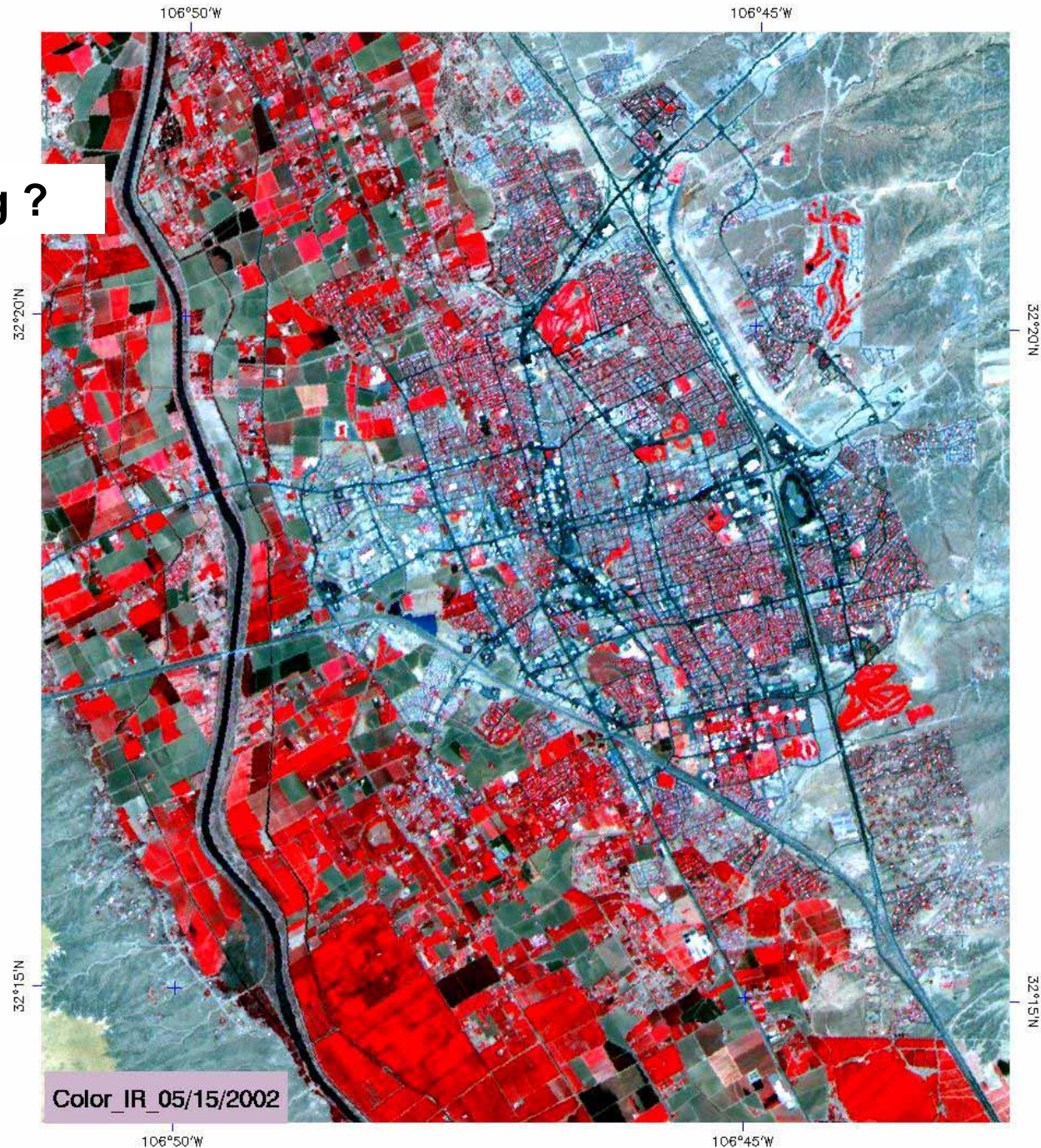
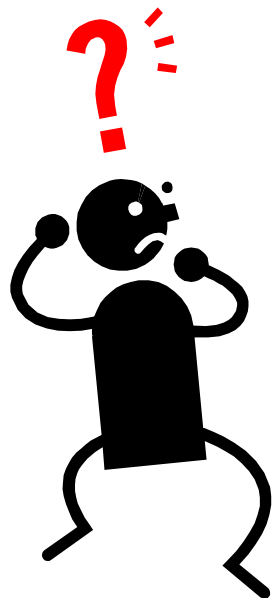


Calculated Pecan Crop Coefficient

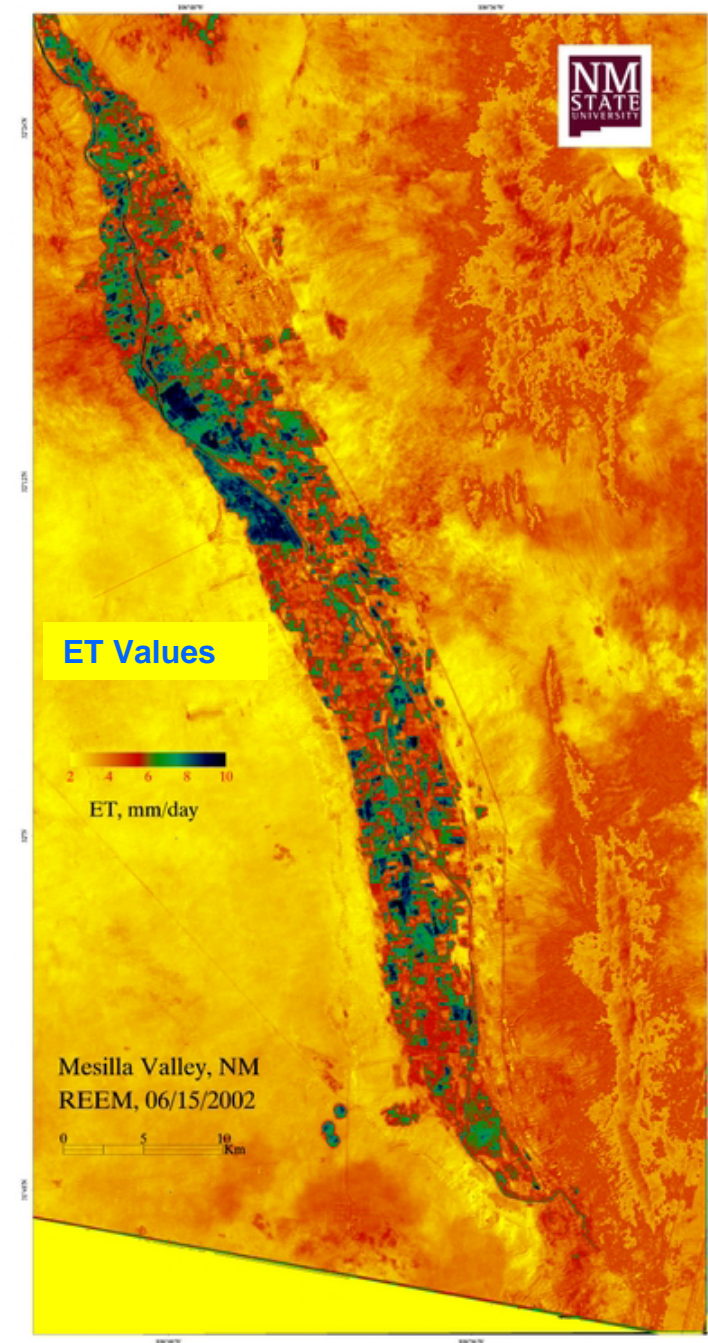




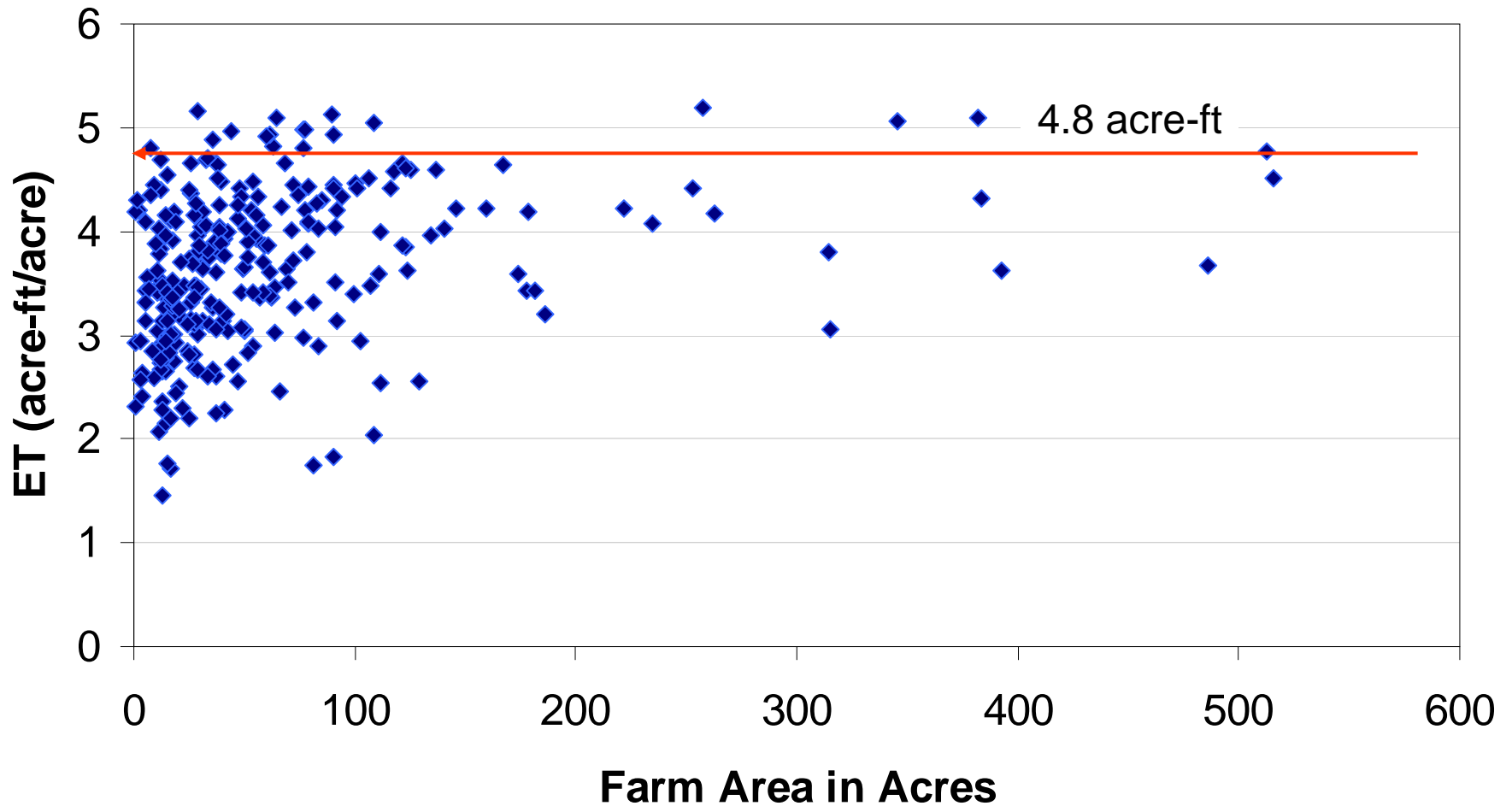
➤ Why Remote Sensing ?



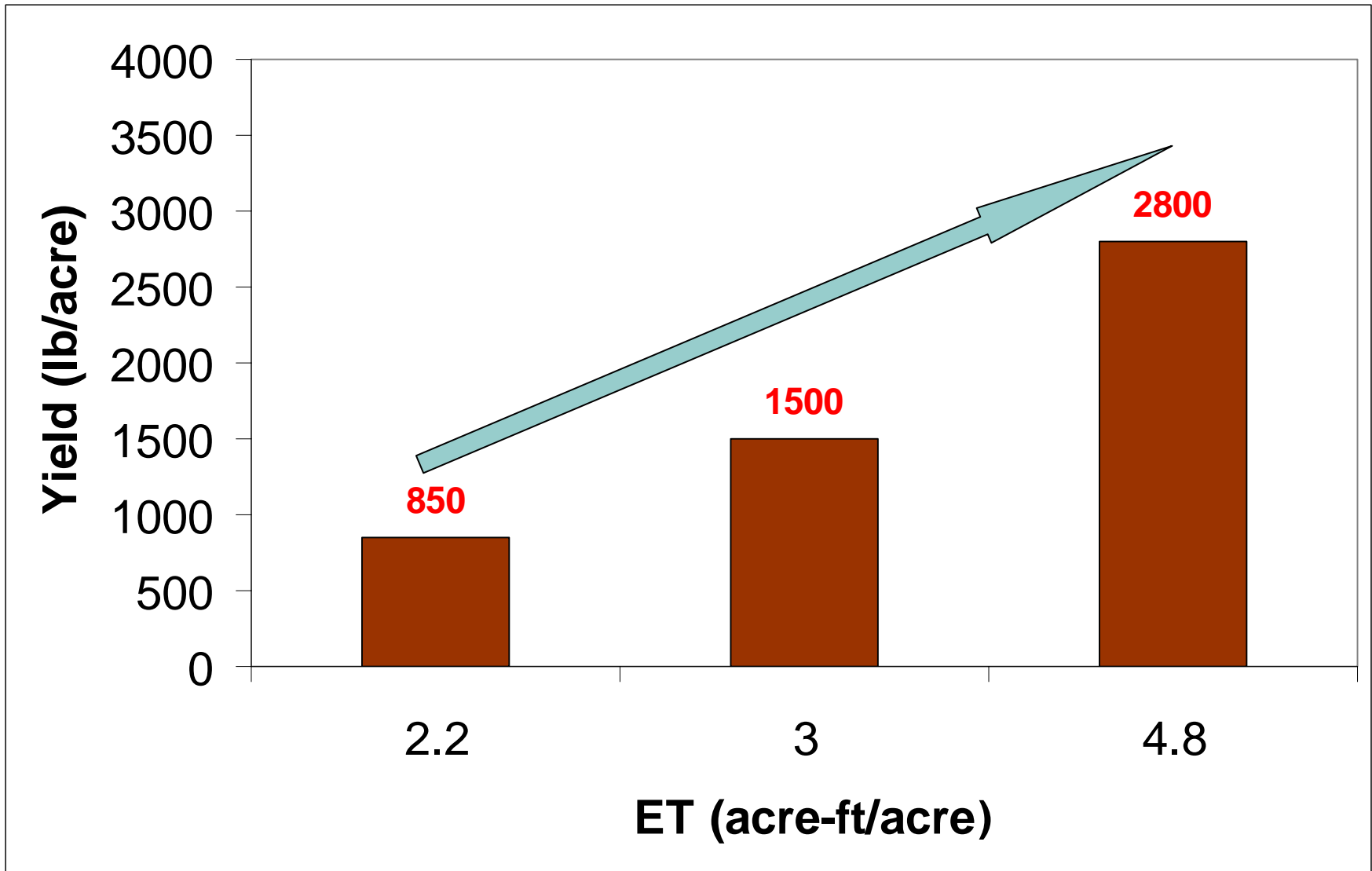
Developing daily ET maps using remote sensing technology

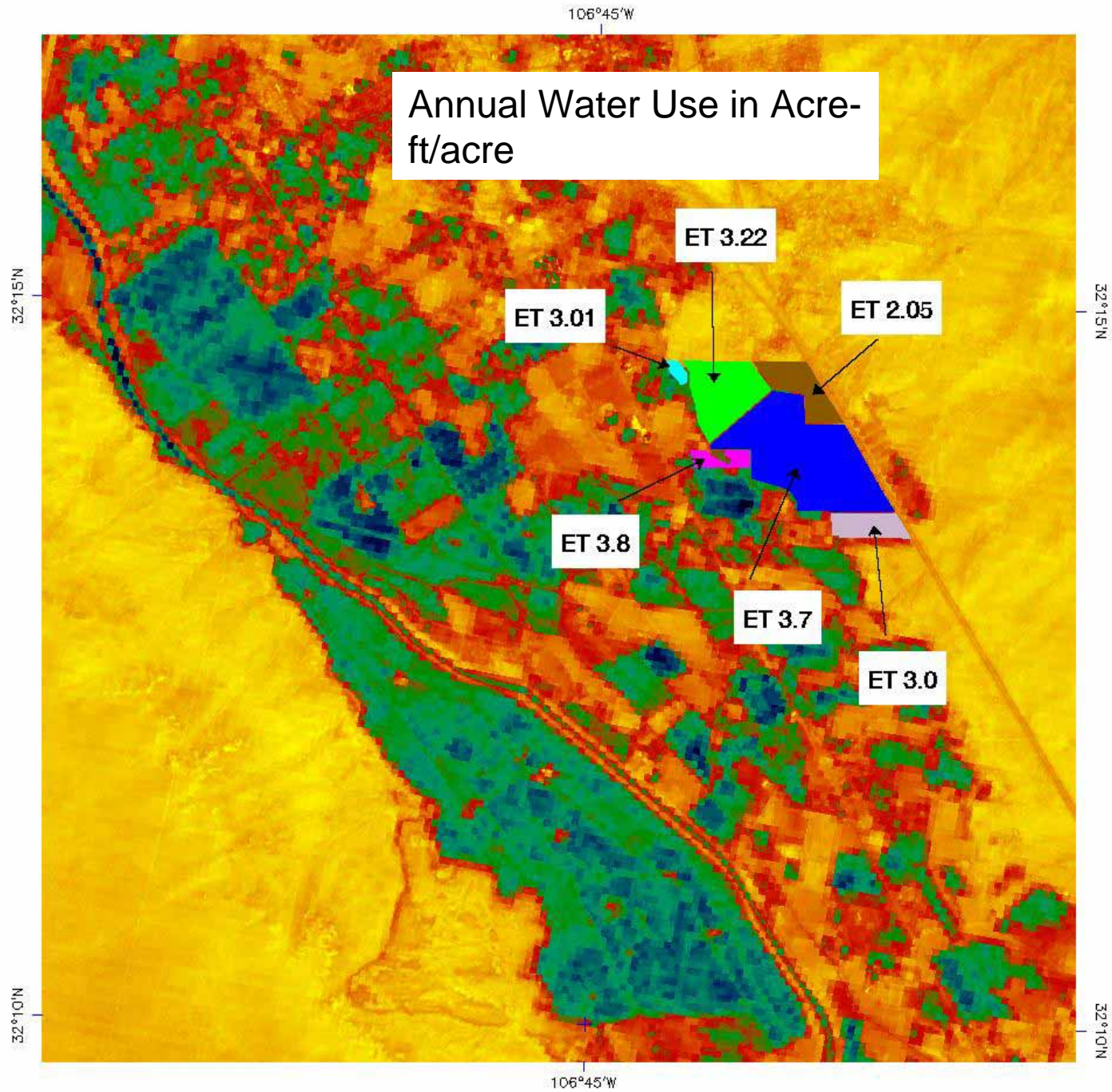


How are we doing ?



Yield is Related to ET





Thank You

