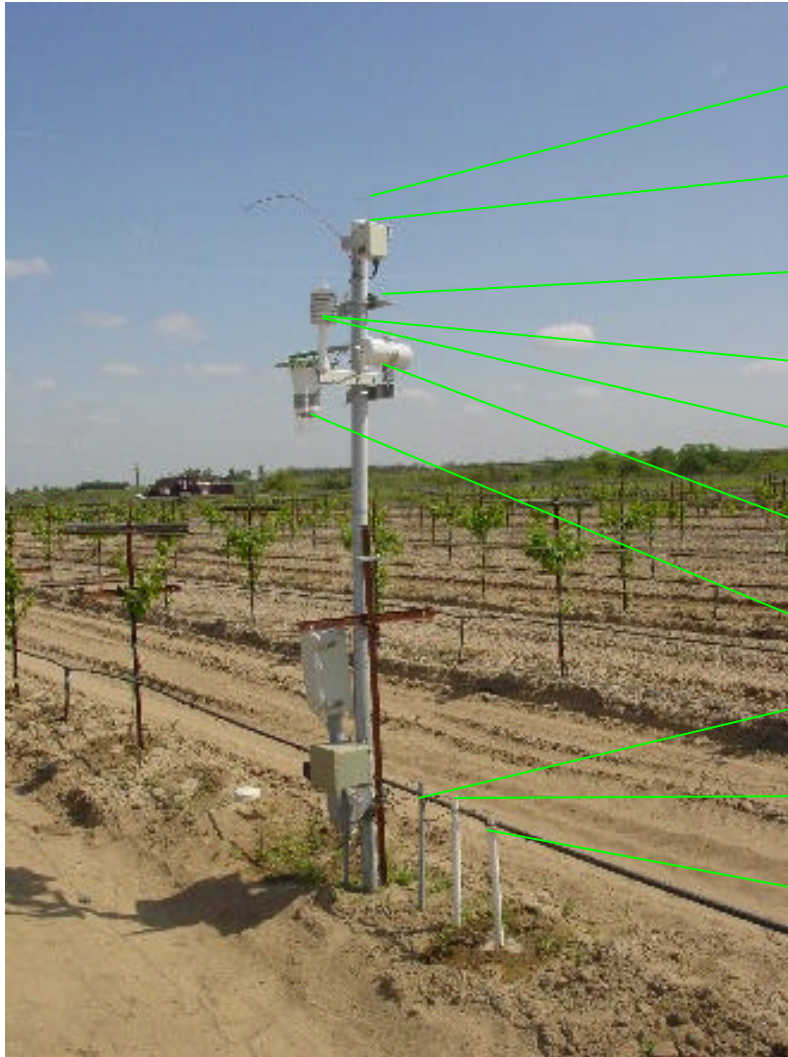


V2K - River Ranch
Computerized Data Collection System

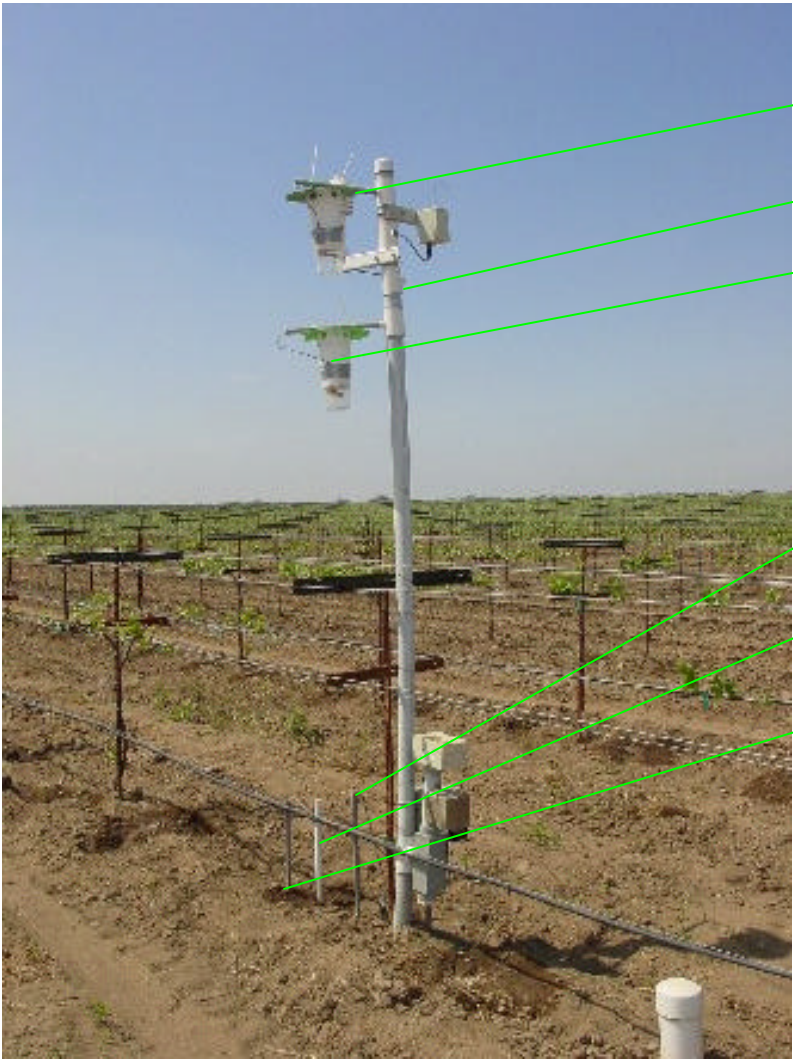


SENSOR STATION 1

- Sensor #523
Wind Speed
- Sensor #517
Wind Direction
- Sensor #524
Solar Radiation
- Sensor #521
Temperatur in Fahrenheit
- Sensor #522
Relative Humidity
- Sensor #501
Canopy Temperature
- Sensor #519
Insect Counter
- Sensor #502
Soil Moisture - 18 inches deep
- Sensor #503
Soil Moisture - 36 inches deep
- Sensor #504
Soil Moisture - 48 inches deep



- Sensor #499
Leaf Wetness



SENSOR STATION 2

Sensor #296

Insect Counter

Sensor #301

Temperatur in Fahrenheit

Sensor #297

Insect Counter

Sensor #302

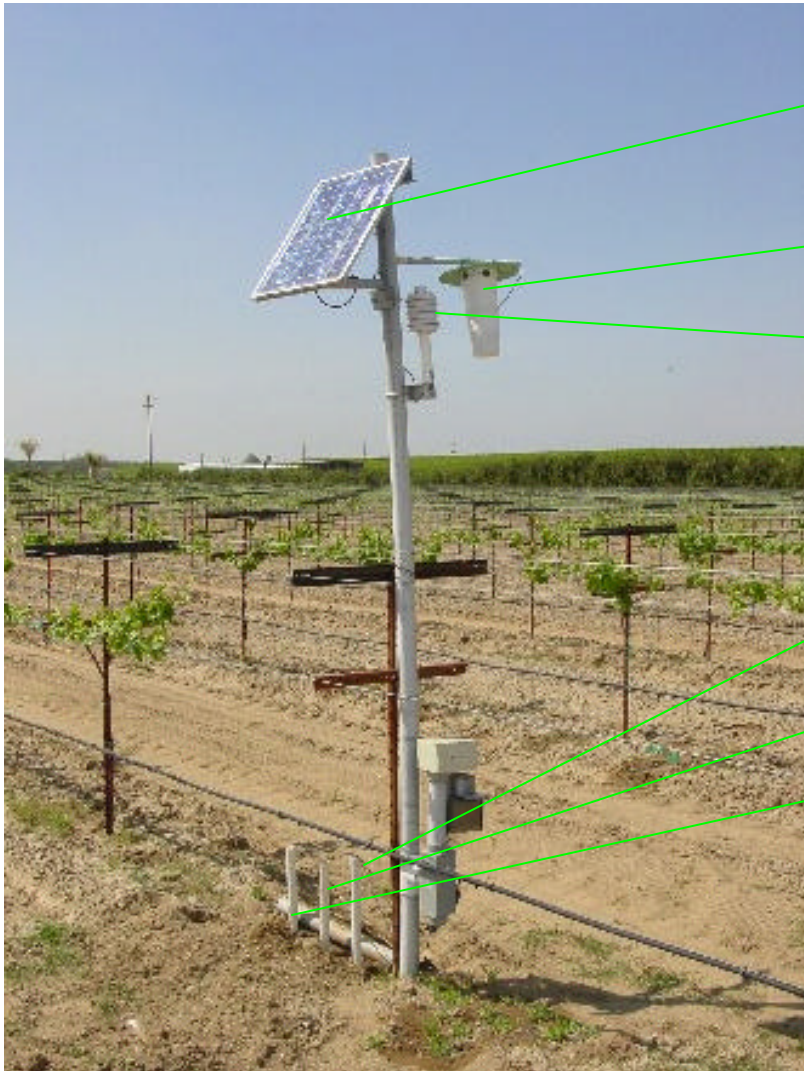
Soil Moisture - 18 inches deep

Sensor #303

Soil Moisture - 36 inches deep

Sensor #304

Soil Moisture - 48 inches deep



SENSOR STATION 3

Solar Energy to power
Sensor Station 3

Sensor #99
Insect Counter

Sensor # 101
Temperatur in Fahrenheit

Sensor #102
Soil Moisture - 18 inches deep

Sensor #103
Soil Moisture - 36 inches deep

Sensor #104
Soil Moisture - 48 inches deep



Valve Control and Flow Meters



Pump Station

Fertilizer tanks and Water Filter system



Flow Meters

Sensor #???
Flow Meter "South"
Gallons per minute and total

Sensor #???
Flow Meter "North"
Gallons per minute and total



Fertilizer Injection Pump