Using Soil Moisture Sensors for Irrigation Decision Making

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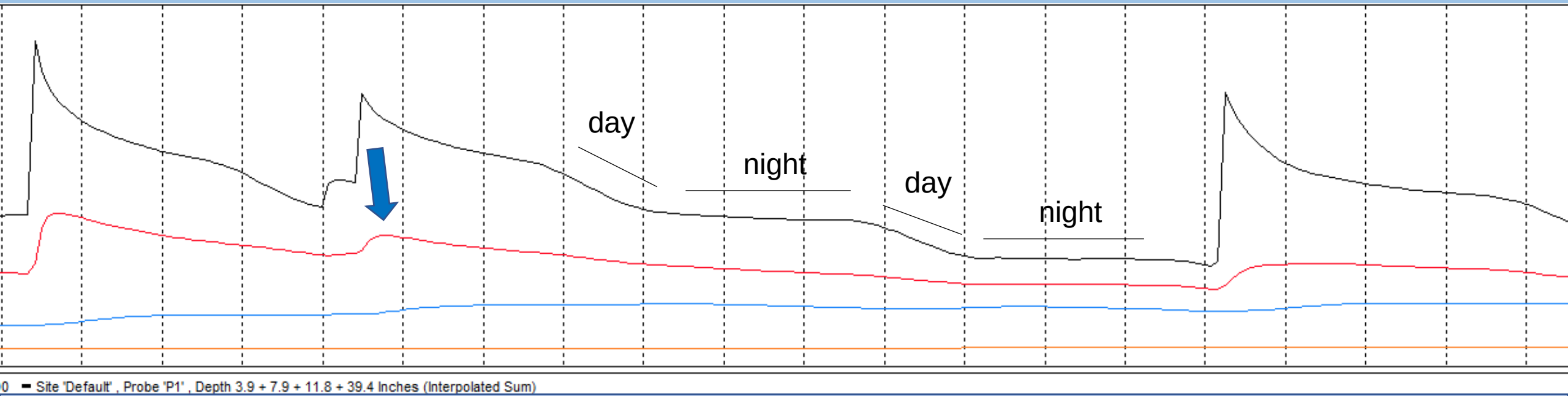
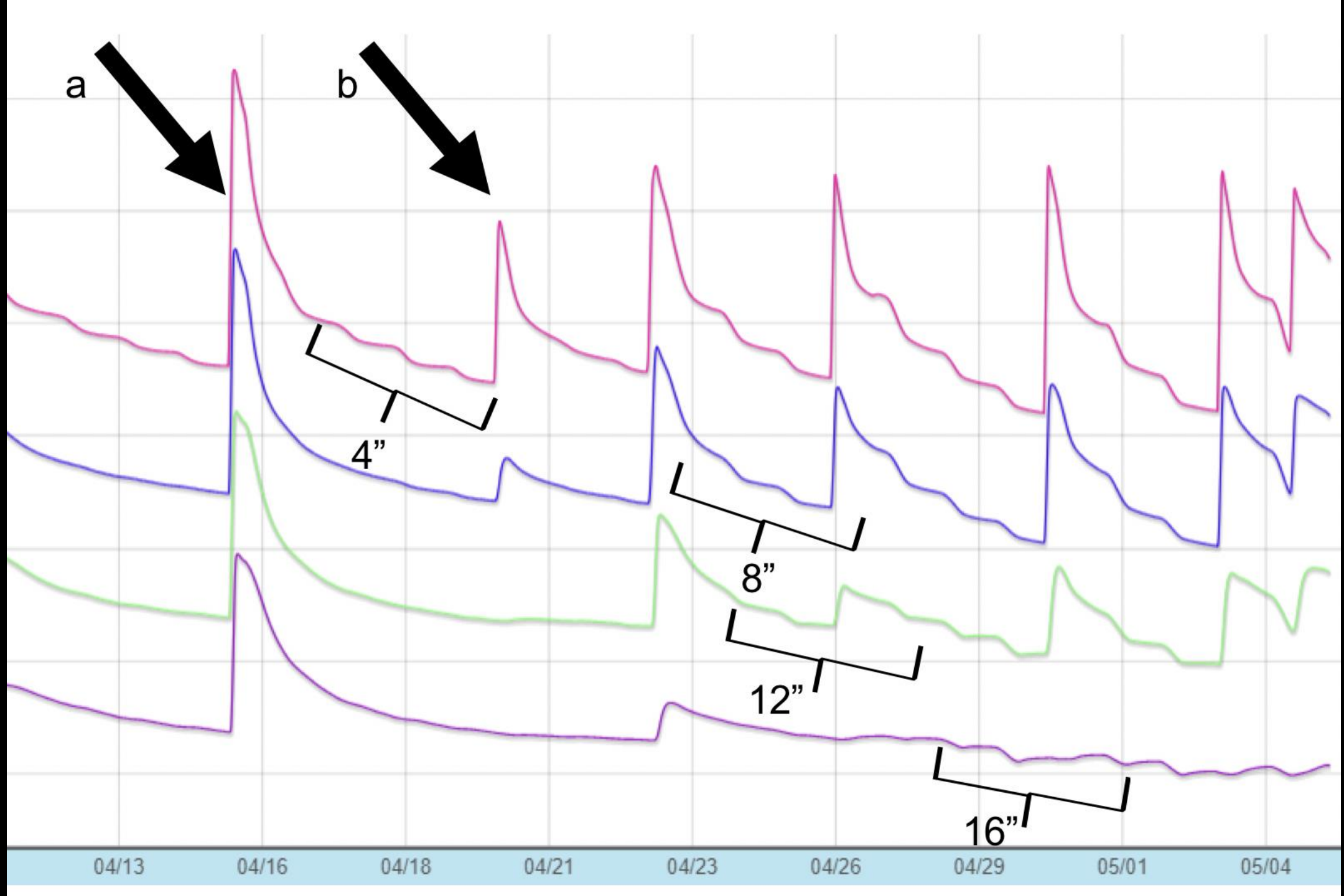
May 28, 2020

Virtual Veg

Learning to read the lines



0 Site 'Default' , Probe 'P1' , Depth 3.9 + 7.9 + 11.8 + 39.4 Inches (Interpolated Sum)


a
b
4”
8”
12”
16”
04/13
04/16
04/18
04/21
04/23
04/26
04/29
05/01
05/04

AGSPY™

FL
11027

Leslie Farms Watermelons

Planted 03/07/2018

Create New Season

Rain
57°F
Wind: 6 mph NE
Humidity: 94%

Last Reported:
07/05/2018 01:16 AM

Last Irrigation/Rain:
N/A

Root Depth: 20"

626

Active Root Zone

All Sensors

E F

4"
8"
12"
16"
20"
24"
28"
32"
36"
40"
44"
48"

Summary | Moisture | EC | Temp° | Template

90.0
85.0
80.0
75.0
70.0
65.0
60.0
55.0
50.0

04/12 04/17 04/22 04/28 05/03 05/08 05/13 05/18

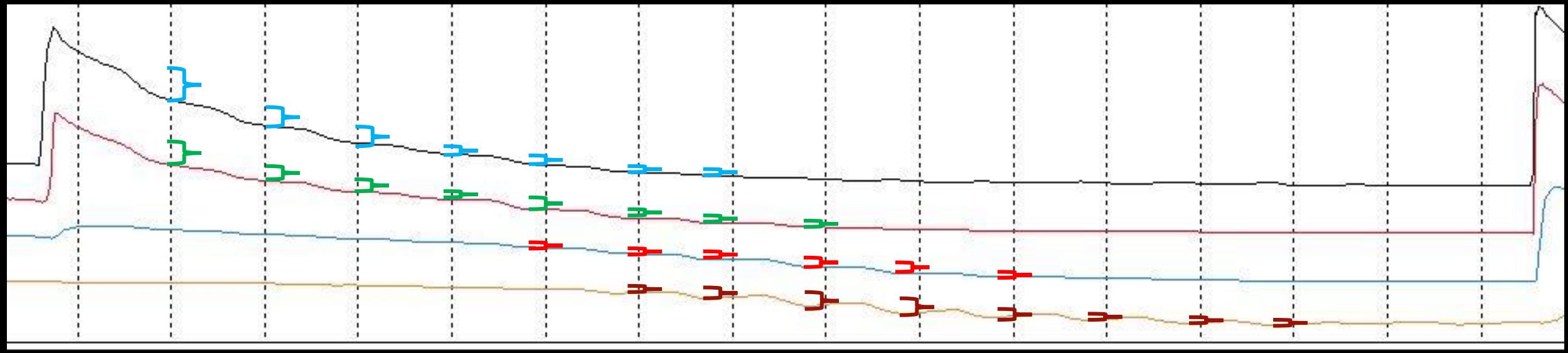
- Spread 3 +

-- °F
-- 4"
-- 8"
-- 12"
-- 16"
-- 20"
-- 24"
-- 28"
-- 32"
-- 36"
-- 40"
-- 44"
-- 48"
Toggle All

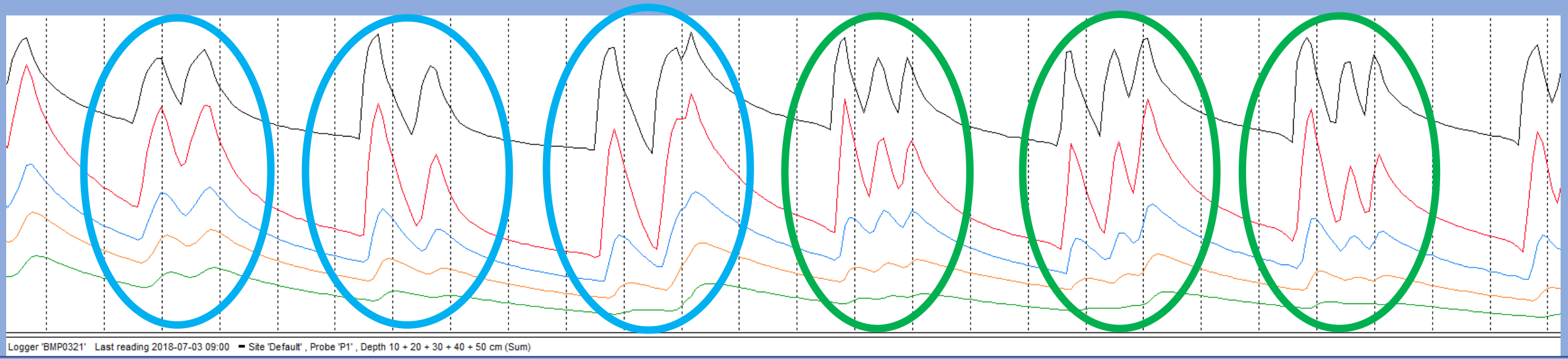
Reset Graph

Export Data

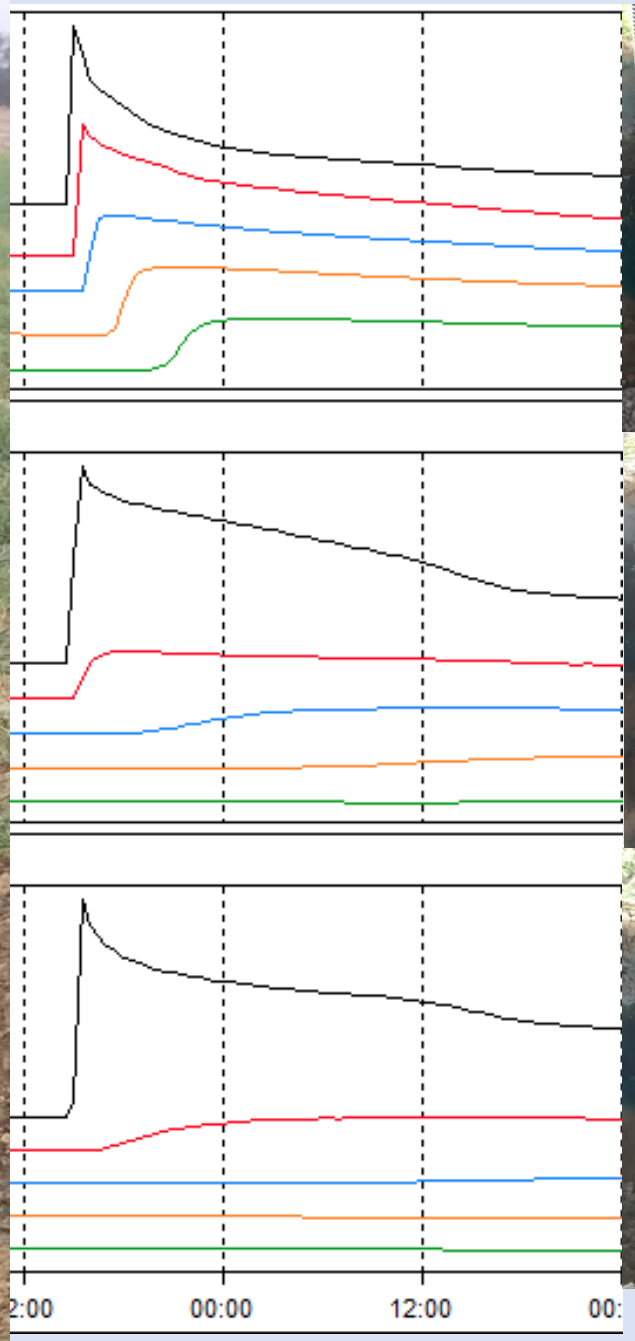
What happened here?

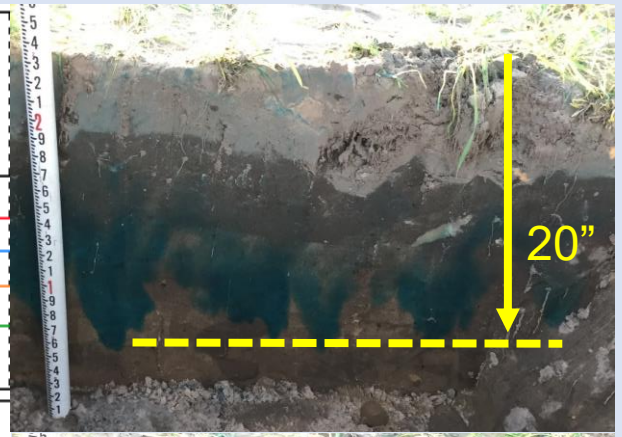


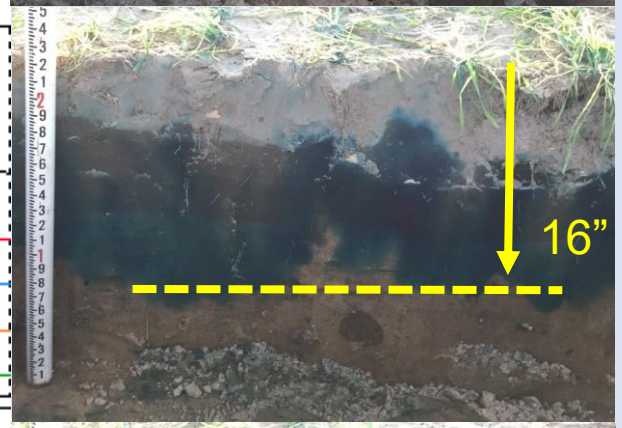
What else do the lines tell us?

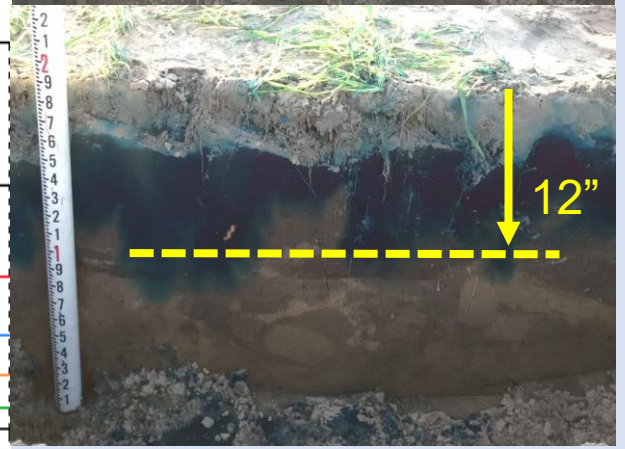


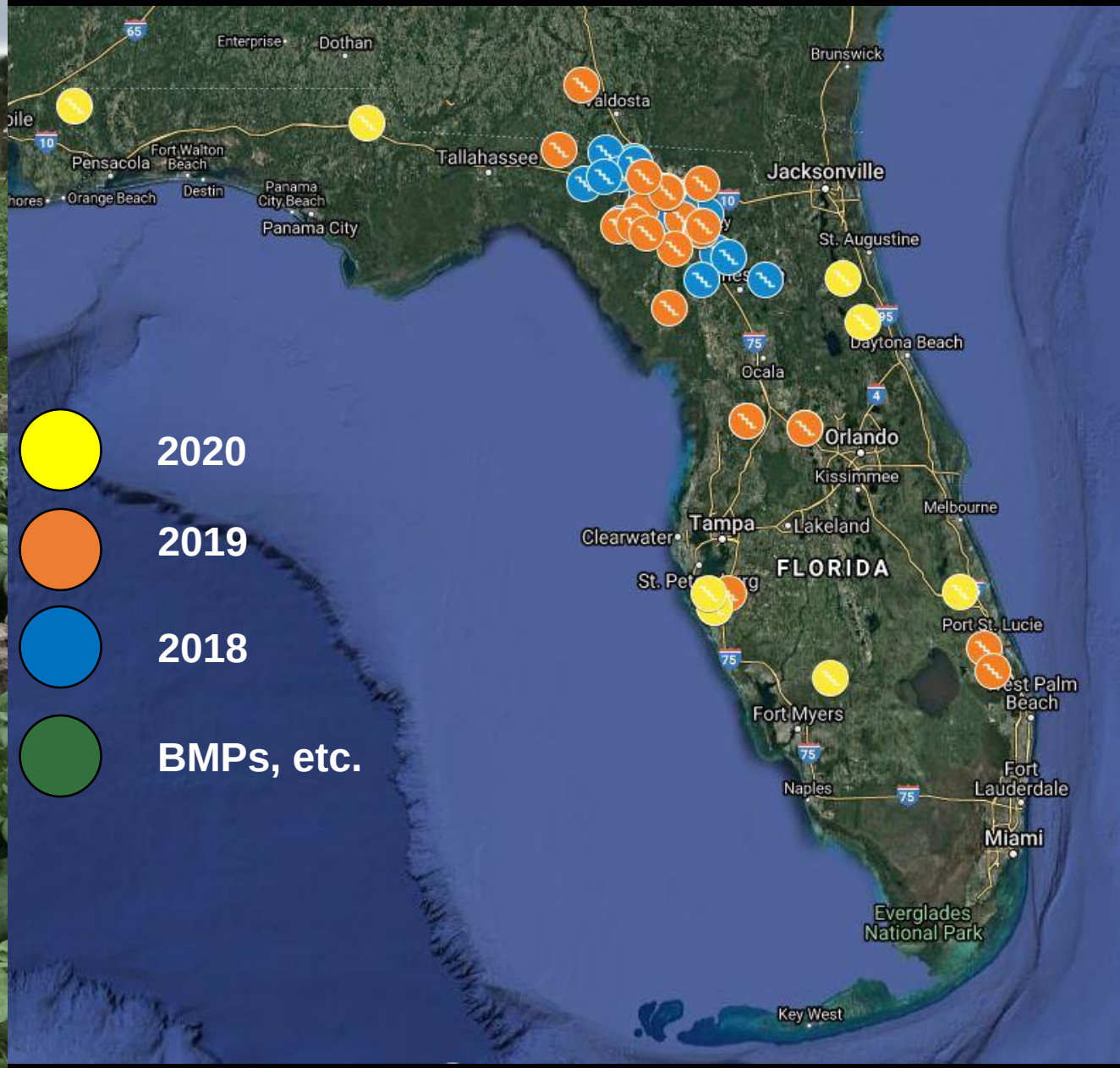
Soil Moisture Sensor Outputs + “*blue dye don’t lie!*”



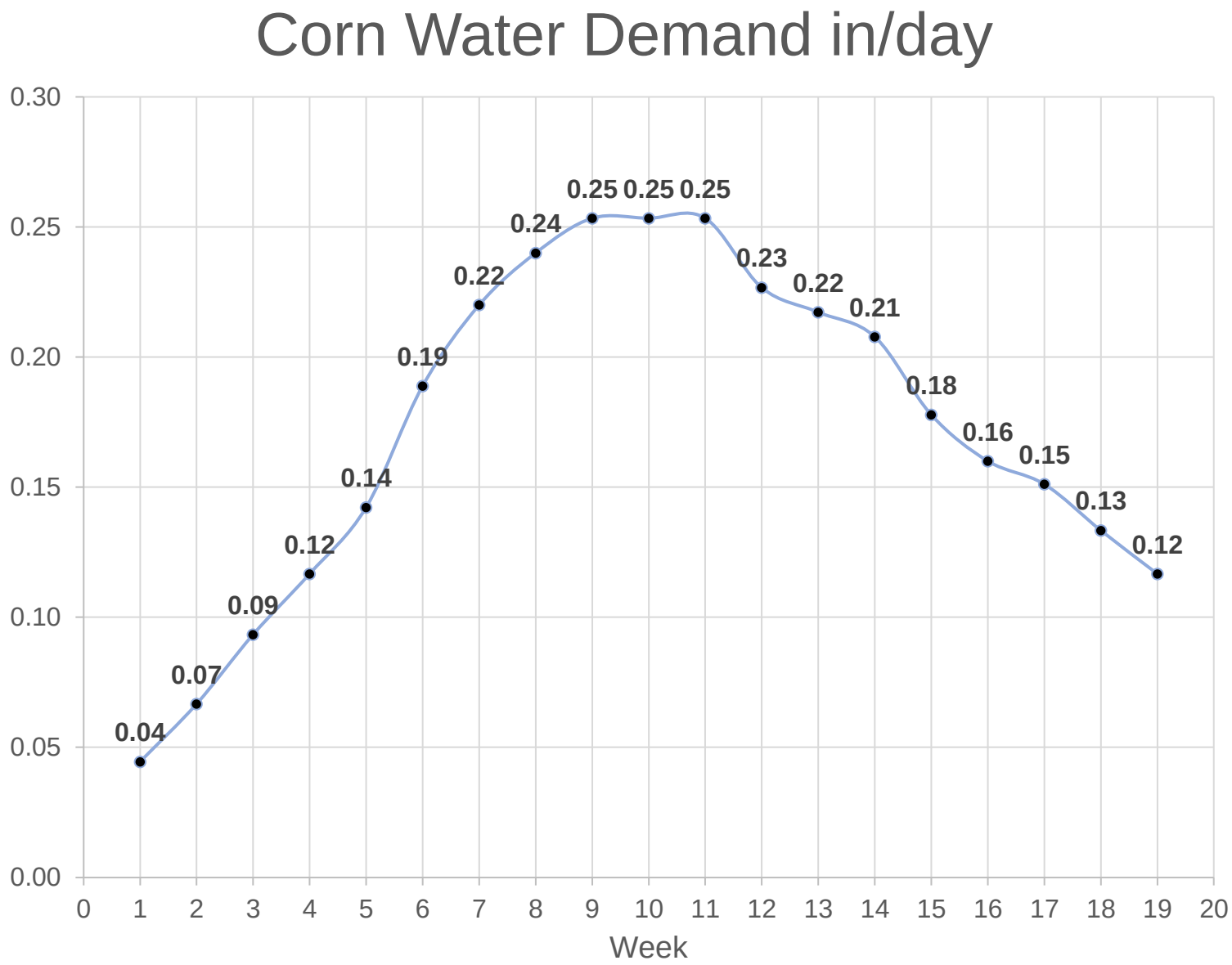







2020
2019
2018
BMPs, etc.
Enterprise
Dothan
Brunswick
Valdosta
Tallahassee
Pensacola
Fort Walton Beach
Destin
Panama City Beach
Panama City
Orange Beach
Jacksonville
St. Augustine
Daytona Beach
Ocala
Orlando
Kissimmee
Melbourne
Tampa
Lakeland
Clearwater
FLORIDA
Port St. Lucie
Fort Myers
Naples
Fort Lauderdale
Miami
Everglades National Park
Key West

Irrigation Scheduling




Questions?