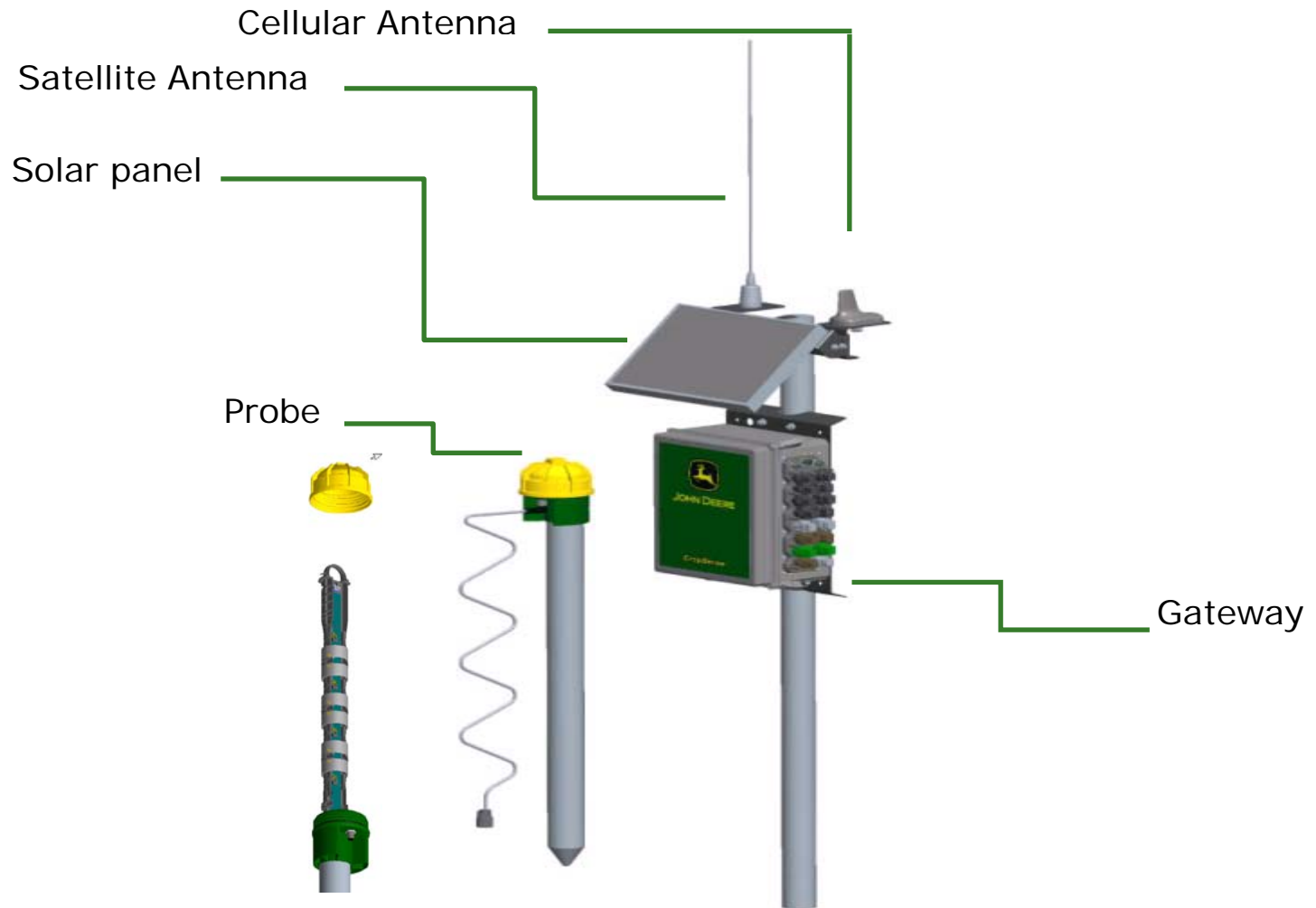


John Deere Field Connect – Making Sense out of Soil Moisture Monitoring



Field Connect Product Line and Technology

Field Components



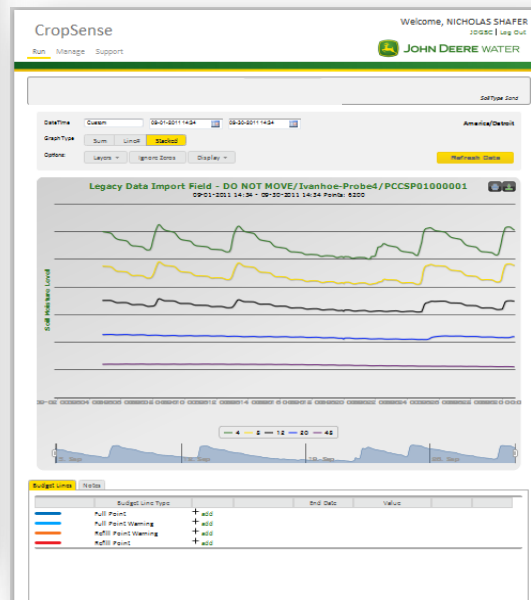
Web Application

Data Collection - Graph Types

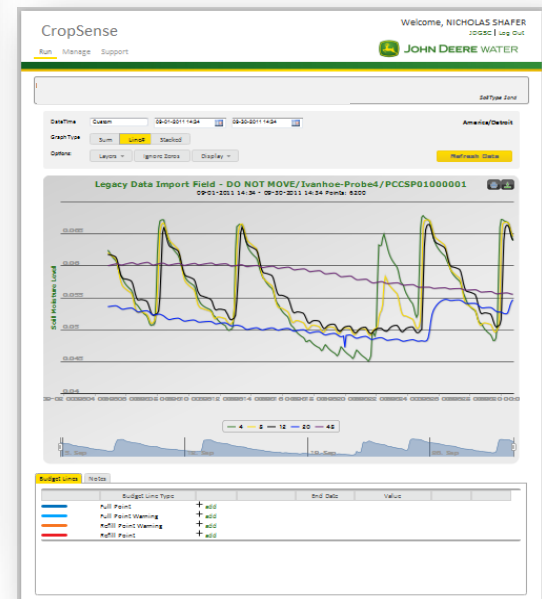
Field Connect graphs soil moisture readings both at individual sensor levels and over the monitored profile.



Sum Graph



Stacked Graph



Line Graph

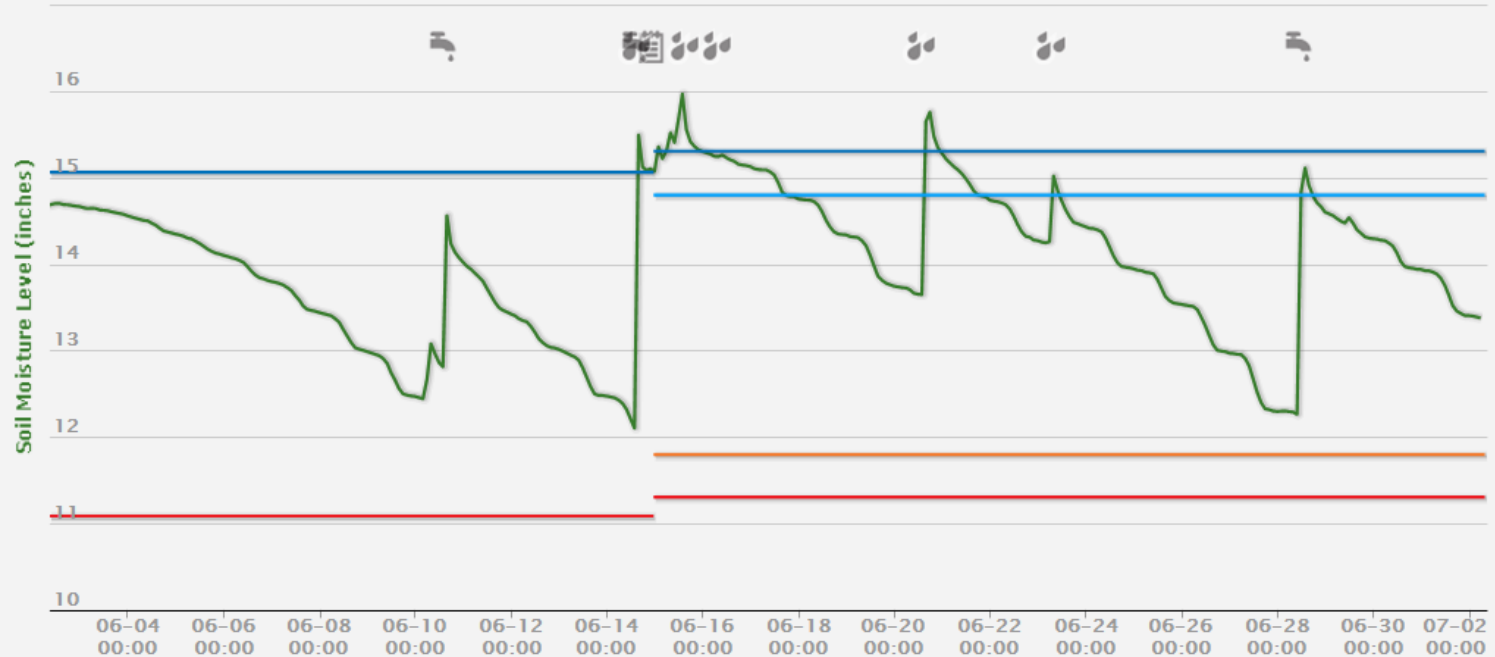
Benefits of Sum Graph

- Shows total soil moisture for all sensors on a single line.
- Budget lines available:
 - Full Point
 - Full Point Warning
 - Refill Point Warning
 - Refill Point

Scoville | Corn | PCPB02A300930

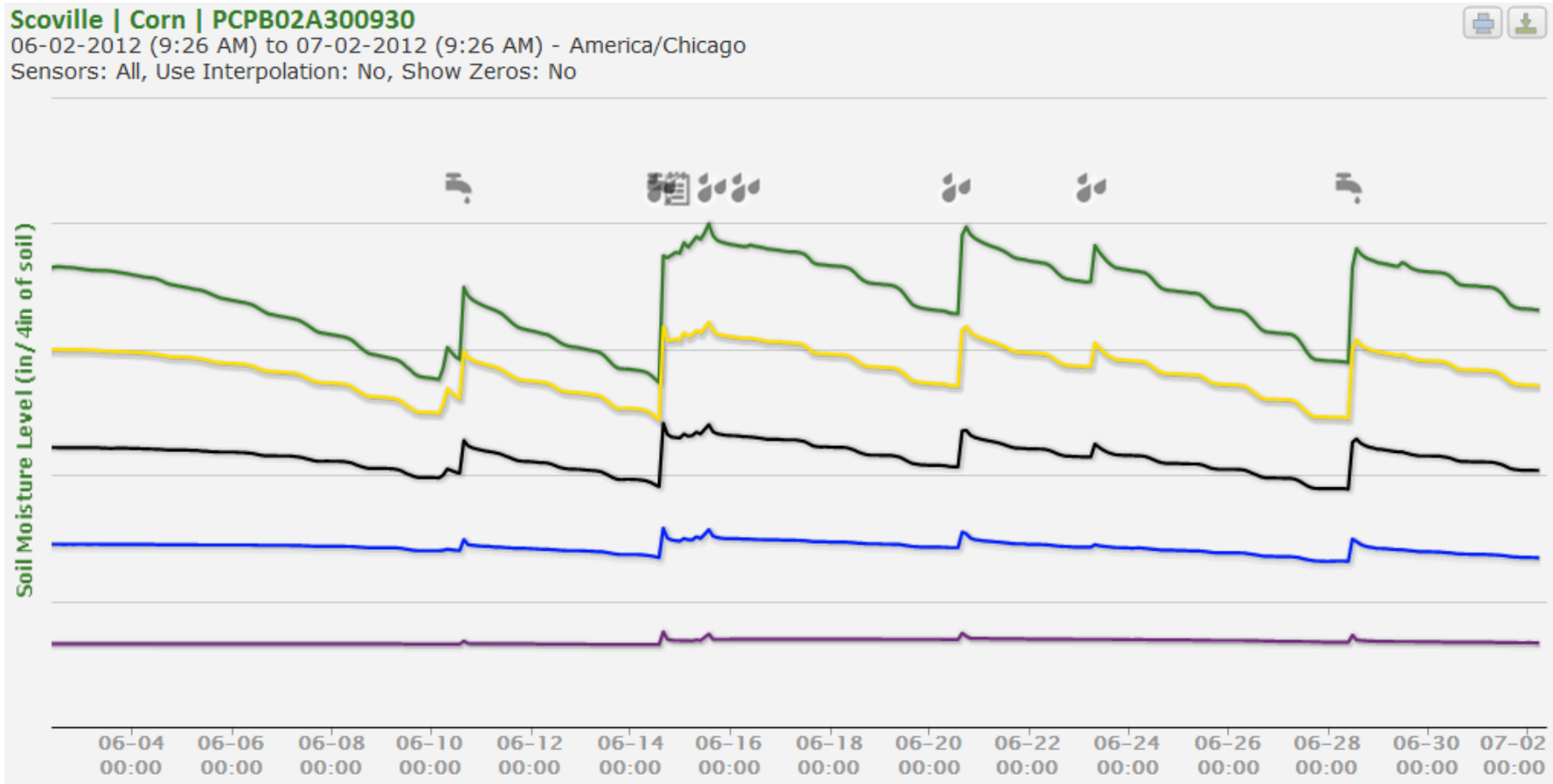
06-02-2012 (9:05 AM) to 07-02-2012 (9:05 AM) - America/Chicago

Sensors: All, Use Interpolation: Yes, Show Zeros: No



Benefits of a Stacked Graph

- Shows relative soil moisture and water movement of each sensor from top to bottom.



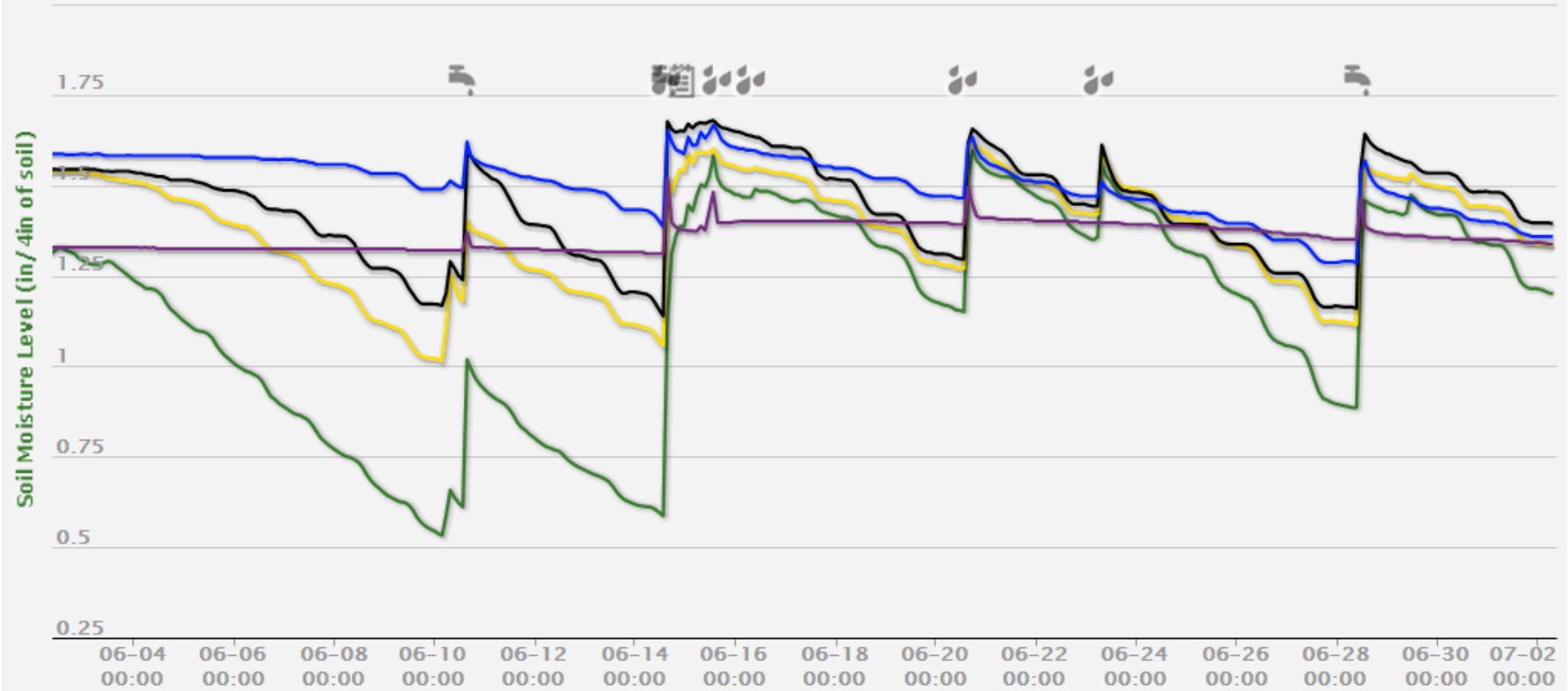
Benefits of a Line Graph

- Shows the soil saturation level at each sensor level

Scoville | Corn | PCPB02A300930

06-02-2012 (9:28 AM) to 07-02-2012 (9:28 AM) - America/Chicago

Sensors: All, Use Interpolation: No, Show Zeros: No



Getting Started with Field Connect

Site Selection – Soil Survey Maps



Soil Survey Maps

Example:

www.websoilsurvey.nrcs.usda.gov

Consistent area
in the field

Weak areas in
the field

Change in
Soil Type

Field Connect

Why Customers Care



Quantify the Customer Value

2010 QTV Results*

Avg. Energy Cost Savings	\$11.35 per Acre
Avg. Increase in Yield	5.5 Bushels per Acre
Avg. Additional Yield Income	\$25.00 per Acre
Avg. Net Profit Increase	\$36.35 per Acre

Additional Savings

**Avg. Amount of Pumped
Water Saved**

2 acre inches per Pivot

*Fontanelle Hybrids 2010 Aqua ViewSM



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