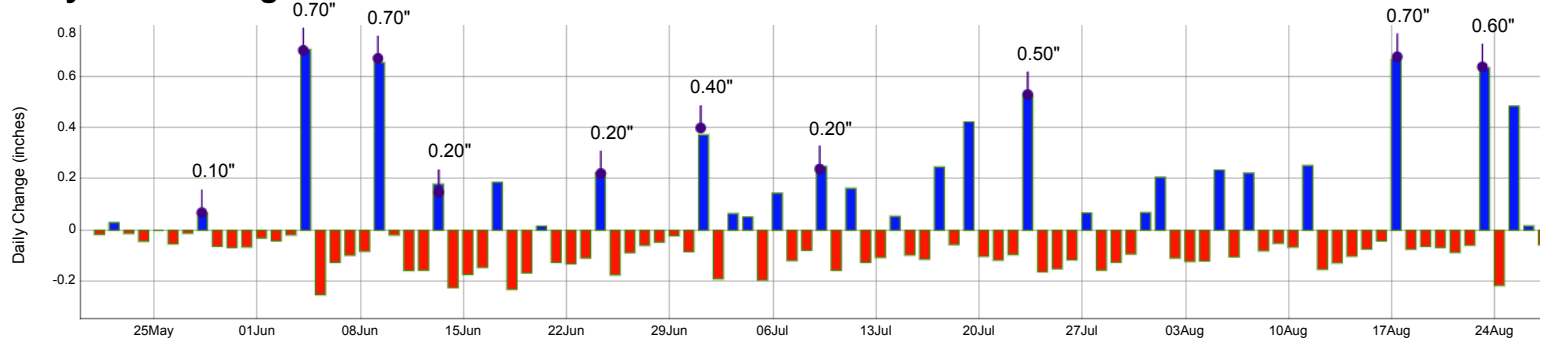


Season: 2014

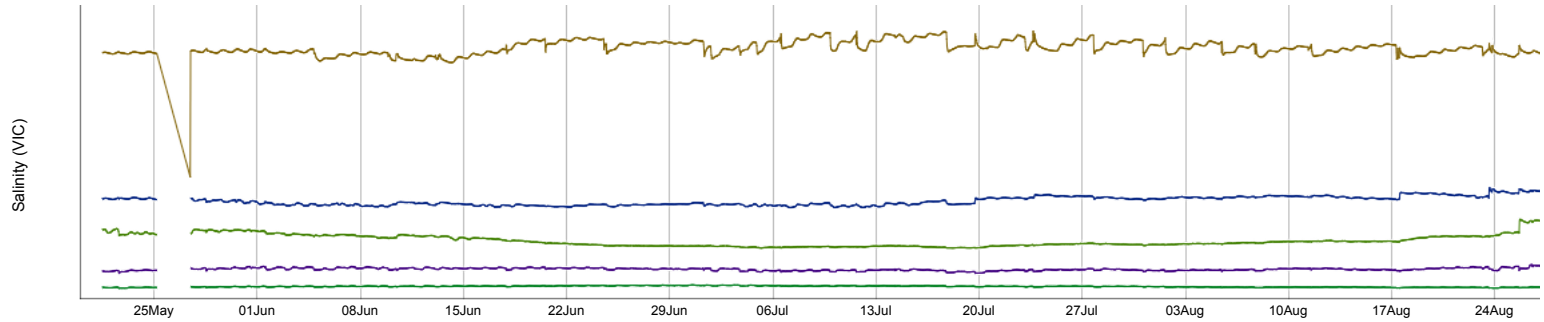
Bottom (53838)

Report any issues with this probe (<mailto:support@cropmetrics.com?Subject=Probe%20issue%20report> - Bottom (53838) || tanner.oliphant&body=please%20describe%20the%20problem%20here)

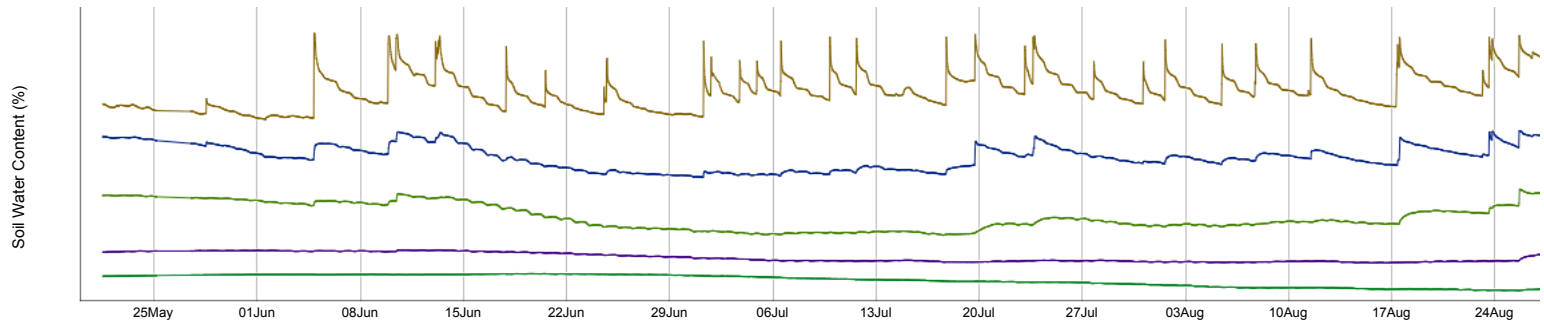
Daily Total Change



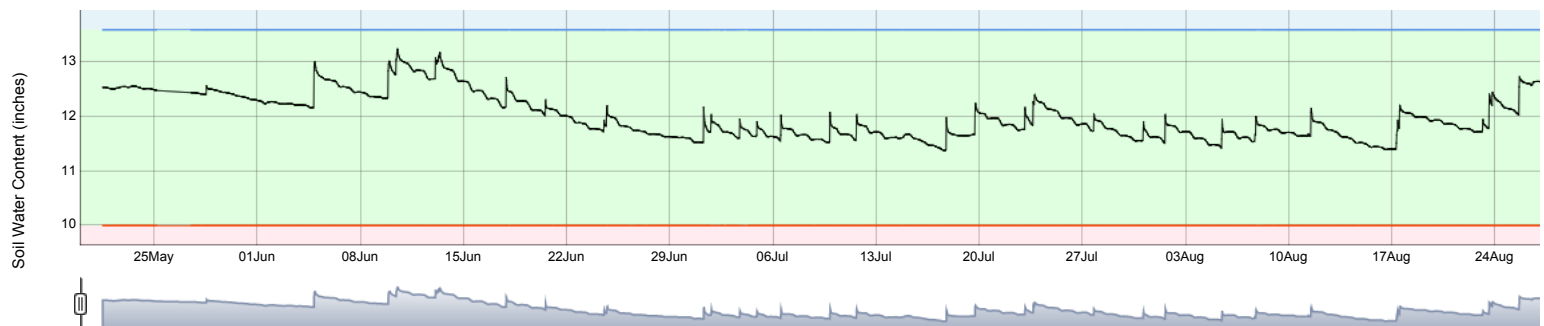
Salinity



Sensor



Sum



Details

| | | | | | | | |
|----------|---------|--------------------|------------------|---------------|-----------------------|------------|---------------------|
| Status * | Deficit | Avg daily use (in) | # days to refill | Daily ET (in) | # days to refill [ET] | # of notes | Age of last reading |
|----------|---------|--------------------|------------------|---------------|-----------------------|------------|---------------------|

Offline 0.47 in 0.07" 47.9 0.35 " 8.9 29 74d

Rain bucket

| Current precip. | Last 24 hrs precip. | Month to date (November) | Year to date |
|-----------------|---------------------|--------------------------|--------------|
| 0 in | 0.05 in | 0.00 in | 8.74 in |

Description [↗](#)

| | |
|-------------------|-----------------|
| Probe name | Bottom (53838) |
| Probe id | 12159 |
| Probe type | Sentek Triscan |
| Field name | Bottom |
| Crop type | Corn |
| Hybrid | Dekalb 6519 |
| Irrigation method | Pivot |
| Planting date | invalid date |
| Population | 30000 |
| Installer | Tanner Oliphant |

Soil Type [↗](#)

| | |
|------|------|
| 1 ft | Clay |
| 2 ft | Clay |
| 3 ft | Clay |

Soil moisture status @ install [↗](#)

| | |
|------|-----|
| 1 ft | Wet |
| 2 ft | Wet |
| 3 ft | Wet |

Notes

Extracted the probe today.

(2014-09-04) - [tanner.oliphant]

Between three rain events a total gain of 0.60" was added to the profile over the past 24 hours which has increased moisture levels down to 12".

(2014-08-24) - [tanner.oliphant]

0.70" was added to the profile yesterday which increased moisture levels down to 12". The crop should be well into 1/2 starch line and should need around 1.75" to finish and we should be right at around 11 days from black layer. Currently the profile has around 2.00" in the profile between the sum line and the refill point. Based off of the calculations this field should have enough moisture to finish out without irrigation.

(2014-08-18) - [tanner.oliphant]

We have been seeing a gradual increase in moisture at 12". The crop water use is starting to decline due to the maturity of the crop. Once the crop is at the 1/4 milk line it will need 3.75" of moisture to finish. I would recommend holding off on irrigation for the next 5 days.

(2014-08-09) - [tanner.oliphant]

The crop is using around 0.14" per day and should be into the dough stage. I would recommend waiting to see if you get any rain on Saturday and we can determine when to irrigate early next week.

(2014-08-01) - [tanner.oliphant]

0.50" was added to the profile yesterday which increased moisture levels down to 12". The profile has good moisture but we have not seen much root activity past 12" so far so we will need to make sure that we don't get behind if the top 12" dries down quickly and we do not see the 20" take up moisture. No irrigation is needed for the next 7 days.

(2014-07-24) - [tanner.oliphant]

Frequent moisture events have been keeping the top 4" wet but we are not seeing much moisture making it past that. It would be nice to see a heavier moisture event take place this week to try to build back up that lower profile.

(2014-07-07) - [tanner.oliphant]

0.40" has been added to the profile over the past 24 hours. We are showing 0.46" registered in the rain bucket. The moisture event increased moisture levels down to 8". I would still recommend coming running an irrigation event in the next few days to try to build back up the profile.

(2014-07-02) - [tanner.oliphant]

Field is at full tassel.

(2014-06-30) - [tanner.oliphant]

We are seeing the daily crop water use decline and the top 12" is showing that it is fairly dry. I would recommend running a pass of around 0.75" early this week.

(2014-06-30) - [tanner.oliphant]

We have seen around 0.10" added to the profile so far today which has increased moisture down to 4". The crop is using around 0.11" per day and we are starting to see slight root activity at 20".

(2014-06-24) - [tanner.oliphant]

We are seeing good moisture being pulled from 0-12" with the crop using around 0.20" per day. The field currently has around 11 days until it reaches the refill point. The field should be good on moisture for this week but if we do not have any rain by the first part of next week we may want to go ahead and make an irrigation pass.

(2014-06-17) - [tanner.oliphant]

The crop is using around 0.13" per day with most of the moisture being pulled from the top 8". We are seeing slight root activity at 12". The profile has good moisture and no irrigation should be needed this week.

(2014-06-08) - [tanner.oliphant]

The crop water use has picked up a bit over the past 4 days but is still only using around 0.07" per day. We are starting to see root activity at 12" which is good. We should be good on moisture for the next 7 days.

(2014-06-01) - [tanner.oliphant]

Around 0.10" was added to the profile yesterday which increased moisture levels down to 8". The profile still has very good moisture.

(2014-05-29) - [tanner.oliphant]

Crop stage is V5

(2014-05-27) - [tanner.oliphant]

Moisture levels are still around where they were when the probe was installed. You should be good on moisture this week. No irrigation is needed.

(2014-05-27) - [tanner.oliphant]

Crop Stage: V4

(2014-05-19) - [nic.stoll]

Installed a rain bucket on with this unit. The field is variable rate planted ranging from 28,000-38,000 PPA. The hybrid planted in the area of the probe is Dekalb 6519. Drive down the pivot road and there are flags marking the probe row on the left side.

(2014-05-19) - [nic.stoll]