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### Weather summary:

June 2015

Temperatures and precipitation were above the long-term average in Illinois during June. Mean streamflow statewide was well above the median for the month. Shallow groundwater levels were above long-term average depths.

**Temperatures** for June averaged 71.9 degrees F, 0.2 degrees above the long-term average (Figure 1). The highest temperatures were in the southeastern and southwestern crop reporting districts (CRDs) with monthly averages of 75.2 degrees. The lowest were in the northeastern CRD with an average of 67.9 degrees.

**Precipitation** averaged 9.53 inches, 5.32 inches above normal for the month. Crop reporting district totals ranged from 10.23 inches in the eastern district to 8.33 inches in the southeastern CRD.

**Soil moisture** levels were high across the state, ending the month at 0.39 water fraction by volume (wfv) at depths of 2 inches. Levels increased slightly at the 2- to 20-inch depths during June. No significant changes were observed at depths of 30 and 50 inches.

### Personnel

**Michelle Stewart**

Owner & President

**John Stewart**

Owner & Project Specialist

**Greg Firrantello**

Dept. of Agronomy CCA/  
Manager

**Jason Hill**

Operations Manager

**Billie Marko**

Monitoring and Reporting

### New Public Outreach

June was an above normal month for our team. Our visits and communications spike up sharply from the previous month, in Will Count in particular.

Below are the counties and townships we visited.

County	Township
Will	19 total
Kendall	1 total
LaSalle	1 total



## Odor Minimization

Biosolids application methods such as immediate incorporation and injection can effectively reduce odor emissions. Other best management practices such as temperatures, weather conditions, and communicating spreading times and locations with neighbors can significantly reduce odor complaints.

## Notes

Weather conditions in June remained wet like May not allowing much immediate incorporation.

Applying immediately with incorporation is better for minimizing odors.

We contact neighboring farms and homes when we apply biosolids to fields. Having said that, it is a manure product and there will always be some amount of odor. Good communication is the key to maintaining positive relationships with neighboring farms and homes.

## Communication with Government Officials

Stewart Spreading will continue their policy of contacting all officials who we feel we should have close working relationships with. Those notified include law enforcement, health and highway departments, county, township and city officials and IEPA officials. Authorities appreciate good communication so they are not surprised when the calls do come in. Proactive is critical for success. We also encourage common sense rulings for all practical purposes.

## LASMA /CALISMA VOLUMES APPLIED June 2015

<u>Field</u>	<u>Acres</u>	<u>Wet tons</u>
WL Mundt 14	73.22	2739.84
WL Rousonelos	68.23	1380.34
WL Stateville 2	101.96	2401.80
WL Stateville 4	104.66	3128.26
WL Stateville 5	12	293
WL Stateville 6	17	510.91
WL Stateville 7	28	792.94
KE Kaco 3C	150.66	4222.65

## Safety Meetings

In the month of June, safety focused on overhead danger in fields. Stewart Spreading continued its practice of holding "Tool Box Talks" involving various subjects.

## Agronomy Corner

June has been a wetter month than usual. We continue to speak with farmers

trying to see if the fields have dried in order for us haul. This is a record breaking spring

rainfall total once again creating challenges for field operations.

