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**Weather summary:**

October 2015

Temperatures were above and precipitation was below the long-term average in Illinois during October. Mean streamflow statewide was above the median for the month. Shallow groundwater levels were above long-term average depths. Temperatures averaged 55.9 degrees in October, 1.5 degrees above the long-term average (Figure 1). The lowest temperatures were in the north with the northeastern crop reporting district (CRD) averaging 53.7 degrees for the month. The southeastern and southwestern districts had the highest averages with 58.4 degrees. Precipitation averaged 1.40 inches, 1.84 inches below average (Figure 1). The southwestern district averaged 0.92 inches for the month. The northwestern district had the highest average with 2.07 inches. Soil moisture at the shallower depths (2–8 inches) declined during most of the month, but increased with precipitation during the last week of October. Moisture levels at these depths increased overall with state averages of 0.31 water fraction by volume (wfv) at 2 inches, 0.31 wfv at 4 inches, and 0.28 wfv at 8 inches on October 31. No significant changes were seen at depths of 20 inches or more.

**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**

October was a fairly routine month with respect to Public Relations activities. The majority our effort was in Will, Kendall and LaSalle counties. Nothing out of the ordinary was noted. Because it is the end of the season we are tapering off our outreach activities.

County	Township
Will	5 total
Kendall	6 total
LaSalle	7 total
Kankakee	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

On October 19th Greg Halmagyi attended the Northeast Regional meeting of the Illinois Association of Water Pollution Control Operators meeting in Geneva, IL.

On October 20th Greg Halmagyi attended the Northwest meeting of the IAWPCO in Dixon, IL.

On October 21st Greg Firrantello attended and also gave a Biosolids presentation at the Central IAWPCO meeting in Champaign-Urbana. On the same day, Greg Halmagyi attended the 23rd Annual Joint Products Day at the Orland Park Public Works building.

On October 27th and 28th Greg Halmagyi attended the Illinois Rural Water Association National Conference.

## 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 /CALSMA VOLUMES APPLIED October 2015

<u>Field</u>	<u>Acres</u>	<u>Wet tons</u>
CO Dettmering 3	77	2311.56
KE Swenson 13	90	3853.07
WL Schoenbeck	113.95	4749.49
WL Heldt 10	51	2499.59
WL Nugent 3	115	4630.03
WL Nugent 4	55	1840.93
WL Mundt 14	73.22	2556.39
WL Mundt 12	157.02	5545.87
KE Swenson 5	150.57	294.10
WL Ray Nugent 1	115.27	837.68

## Safety Meetings

Due to the threat of fire resulting from dry weather conditions in October, our safety training and awareness focused on the cause and prevention of field fires. Safe grain handling was also a topic of discussion with harvest in full swing.

## Agronomy Corner

In October dry weather continued to dominate and it was “all systems go for harvest and spreading”. We are also wrapping up wheat fields and prevent plant fields. It is very important to at least match the spring acres spread in the fall. This will keep the farmers in the spring program even though they experience yield losses from compaction a poor seedbed conditions after spring spreading.

