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### Weather summary:

#### JANUARY 2015 OVERVIEW

Temperatures and precipitation were below the long-term average in Illinois during January. Mean streamflow statewide was above the median for the month. Shallow groundwater levels were below long-term average depths. Temperatures in January averaged 25.2 degrees F, 1.2 degrees below the long-term average (Figure 1). Temperatures ranged from 31.4 degrees in the southeastern crop reporting district to 20.4 degrees in the northwestern district.

Precipitation averaged 1.51 inches, 0.7 inches below average for the month. Conditions were driest in the west-southwestern crop reporting district with a monthly average of 1.02 inches. The southeastern district had the highest average with 2.73 inches.

### Personnel

**Michelle Stewart**  
Owner & President

**John Stewart**  
Owner & Project Specialist

### New Public Outreach

January was a slow month for our PR team. We visited about 7 homes for fields in Fox Township. Everyone was thankful for us letting them know that we were going to start hauling sometime in spring. Below is one of the counties and townships we visited. People don't like to talk very long in the winter time.

**Greg Firrantello**  
Dept. of Agronomy CCA/  
Manager

**Jason Hill**  
Operations Manager

**Billie Marko**  
Monitoring and Reporting

County	Township
Kendall	Fox



## 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

Cooler temperatures in January minimize odor this time of year. During surface applications, we consider weather conditions and location of the application. We also avoid applying biosolids during situations that may cause problems. 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 and education help.

## 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 IN September

Field

Acres

Wet tons

Nothing

hauled

## Safety Meetings

In the month of January, we trained on winter safety part 2. Wherever you are, be aware of your conditions. This helps eliminate potential dangers like exposure and frost bite. We go to great lengths to ensure all the proper training and safety equipment is available for our employees to be safe.

## Agronomy Corner

Winter brings spreading to a halt. This is by far our least productive time of year for moving biosolids. Stewart Spreading *transitions to preparing for the following spring.*

The winter freeze allows time for the soil conditions to correct themselves from compaction and clumping. This time of year allows for proper seed bed conditions before spring planting.

