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Where Earth and Life Sciences Intersect: Investigations of the Water-Root-Soil Interface

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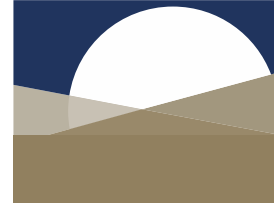
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UNI Science Update 2018

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Laura Jackson, UNI Tallgrass Prairie Center

April 6, 2018



Tallgrass Prairie

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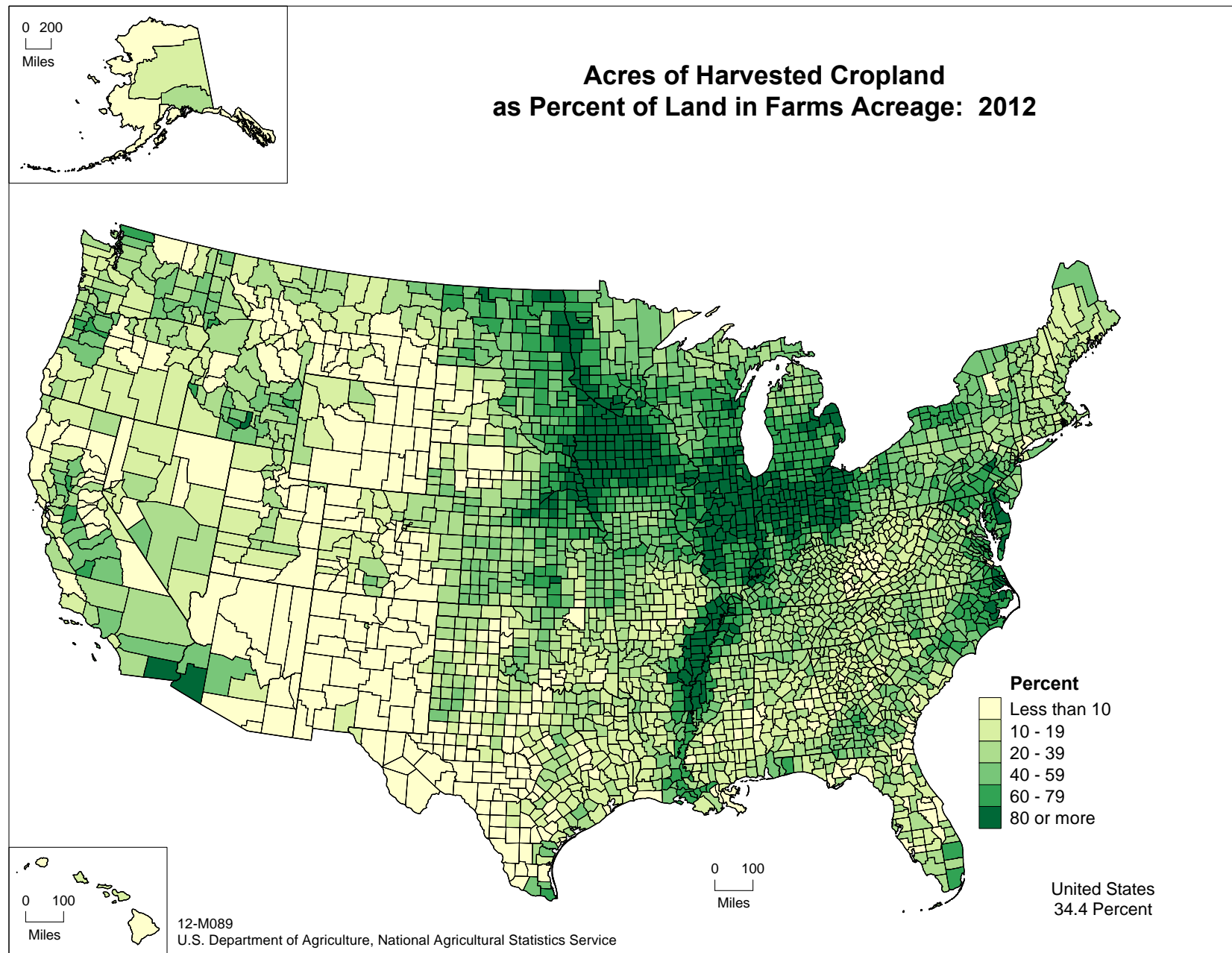
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Jim Richardson, photo, *National Geographic*

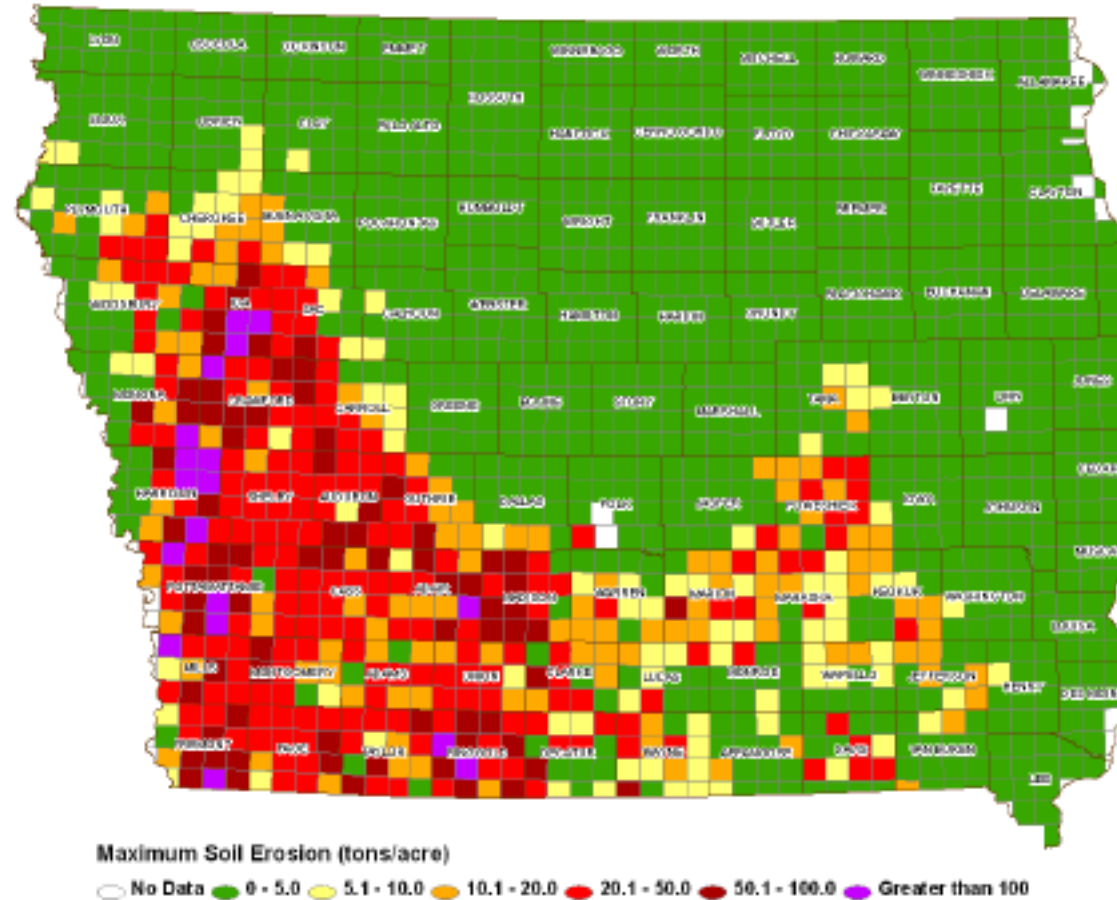
Tallgrass Prairie to Corn/Beans



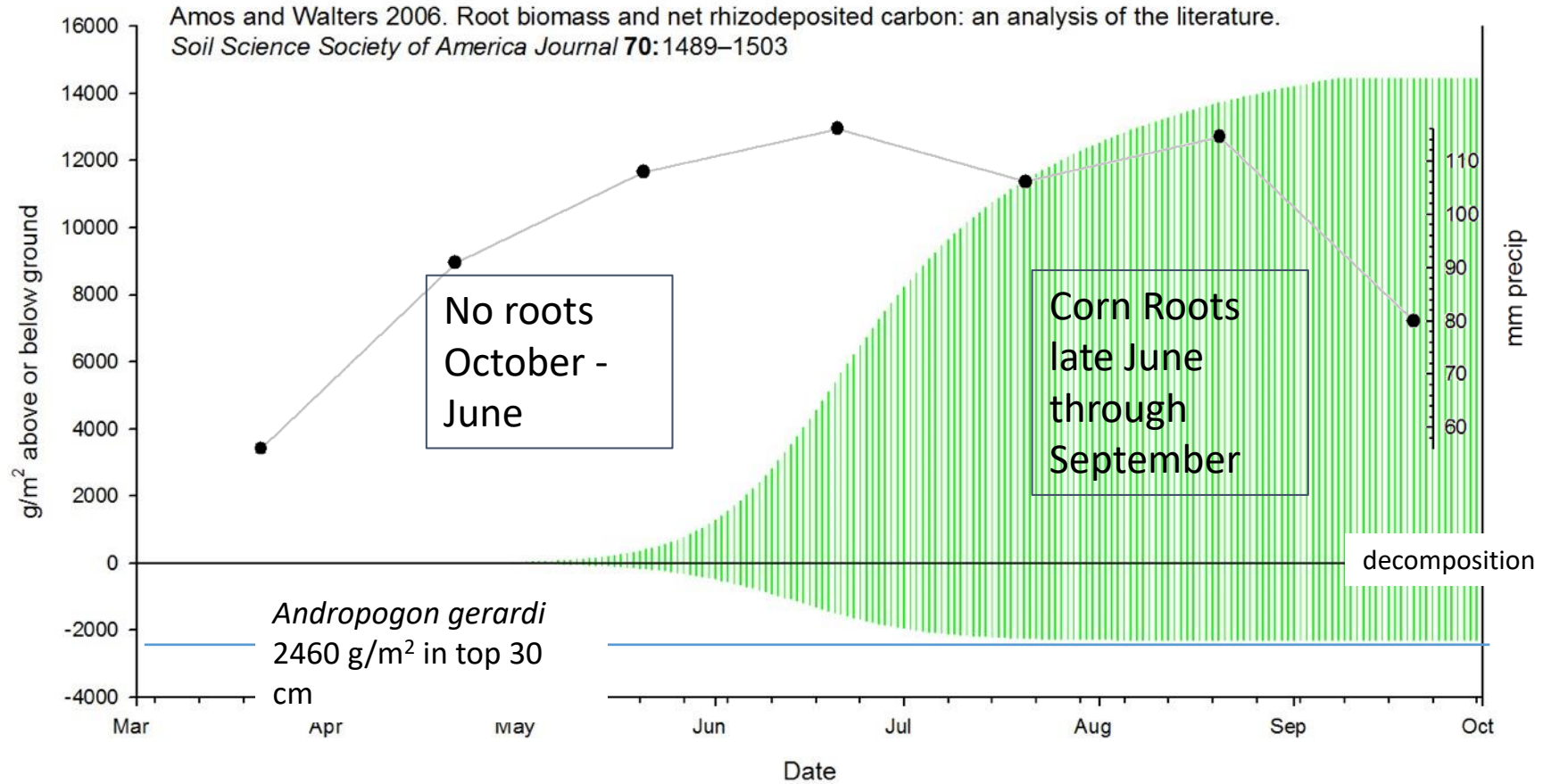
Daily Erosion Project

<https://dailyerosion.org/>

Figure 4: In early May 2007, a single storm eroded up to 100 tons of soil per acre.



Above and below ground biomass estimates for maize





UNI Roots Project









