



**Candice S. Miller**

Public Works Commissioner  
Macomb County

**FOR IMMEDIATE RELEASE**

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## Macomb County puts rain data online in near real time

How much rain did you get?

Macomb County residents are now able to easily view the same nearby rain information used by the county Public Works Office for stormwater management.

“We recently completed installation of 22 rain gauges and are now able to share this valuable information with the public,” Public Works Commissioner Candice S. Miller said. “We look at the data, and the history of the data. We’re doing hydraulic modeling so that we can make improvements to the system.”

Details about rainfall location, intensity, duration and total amount are used by pump station operators to see how the flow impacts an area. For example, if it rains more in one area than another, operators can prioritize storage in the sewer system to specific areas that may not have received a large amount of rain.

Data collected every five minutes from rain gauges operated by the Public Works Office is used to not only help better operate the system during wet weather events but it is also used from a planning and design perspective.

Information collected from all 22 rain gauges is now available on an interactive map on the Macomb County Public Works website at <https://publicworks.macombgov.org/publicworks-rainfall> and shown in near real time. Or from the Public Works home page at <https://publicworks.macombgov.org/index.php/PublicWorks-Home>, in the left menu click on “Resources” and select “Rainfall Reports.”

Visitors to the site can see rainfall totals closer to home for the current day, or select a range of dates to view a graphic of rain amounts. Rainfall may temporarily show zero inches at the start of a new day as the system resets and before new precipitation falls and is measured.

“Let’s face it, water is expensive. This information can really help if you’re a gardener or watering your lawn,” Miller said. “Or, if you’re just interested in how much rain fell in your area compared to another part of Macomb County.”

VIDEO: Macomb County Public Works Commissioner Candice S. Miller discusses the rainfall interactive map on the Public Works website. <https://youtu.be/Q79I-wzVhKw>

PHOTOS:

Macomb County Public Works Commissioner Candice S. Miller shows the near real time rain data now available on the Public Works website.

Two screenshots of the interactive map of rainfall data on the Macomb County Public Works website.

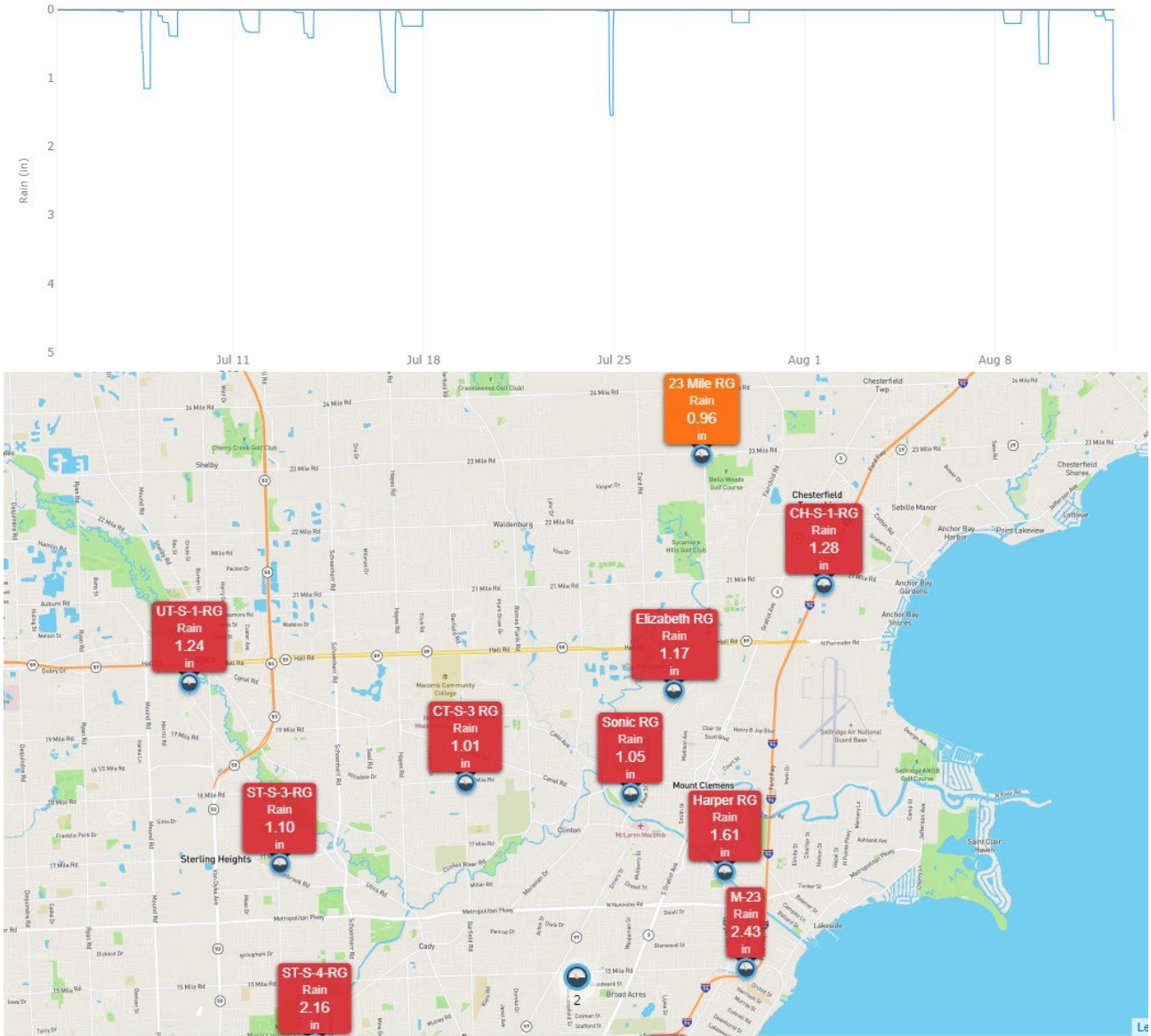
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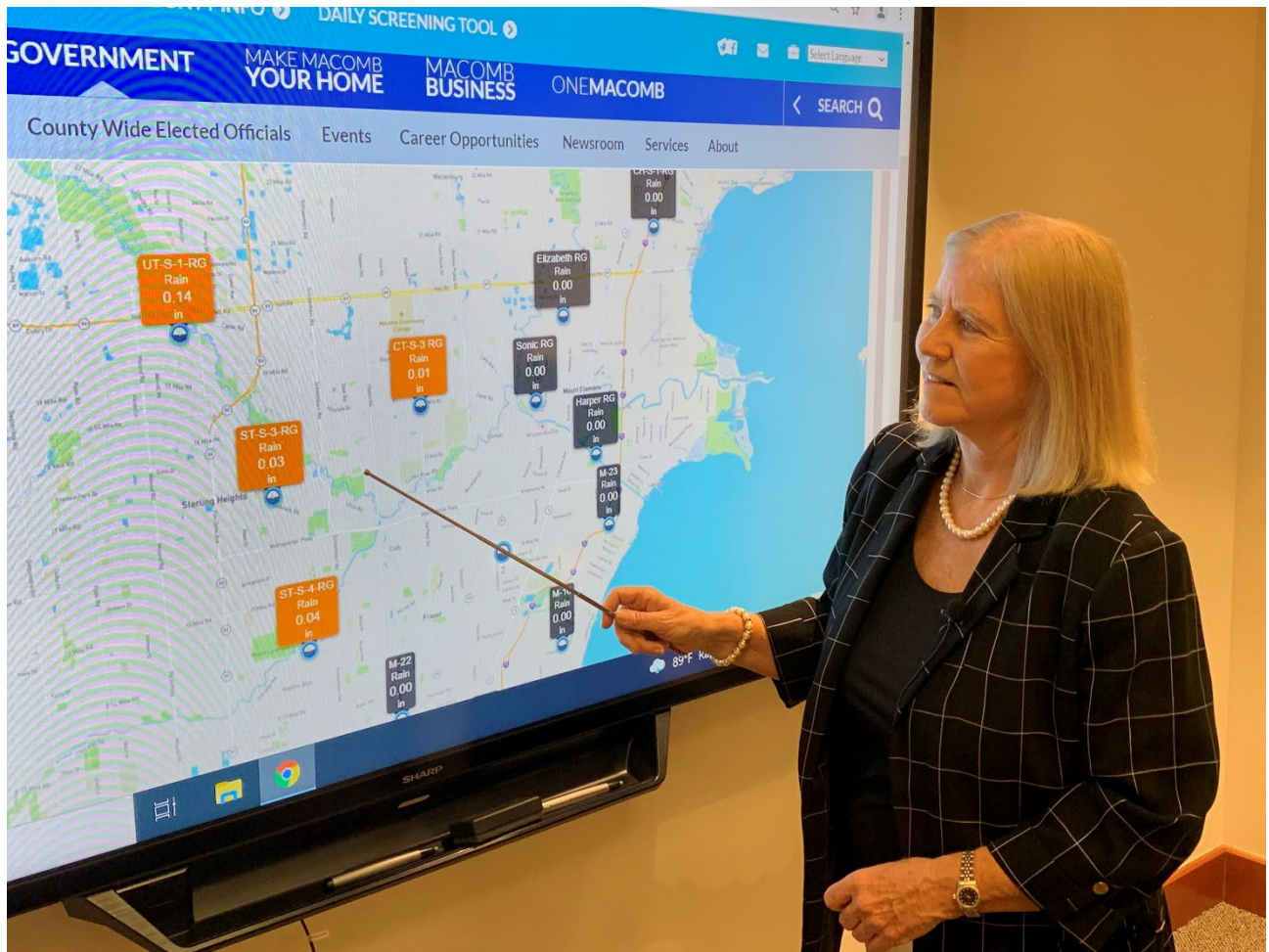


Rain Gauge  
Harper RG

Choose a Date Range  
6/24/2021 -

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