

Metro Lansing Online Flood Mapper

There has been a major riverine flood in the Lansing area, on average, every 13 years since it was first settled. The gauge readings for some of those events are listed below. Enter these numbers using the Online Flood Mapper sliders to see what flood levels would be if these events happened today.

Historic Flood Levels

What did the gauges read?

March 26, 1904

Grand River = 19.4 feet

Red Cedar = 13.4 feet

Sycamore Creek = 11.0 feet*

March 27, 1916

Grand River = 14.5 feet

Red Cedar = 11.4 feet

Sycamore Creek = 10 feet*

April 7, 1947

Grand River = 16.9 feet

Red Cedar = 11.6 feet

Sycamore Creek = 10.6 feet

March 21, 1948

Grand River = 14.7 feet

Red Cedar = 10.5 feet

Sycamore Creek = 9.5 feet

May 11, 1948

Grand River = 13.2 feet

Red Cedar = 11.2 feet

Sycamore Creek = 9.5 feet*

April 20, 1975

Grand River = 15.4 feet

Red Cedar = 11.95 feet

Sycamore Creek = 10.0 feet

*Gauge readings have not always been available for Sycamore Creek. Readings are estimated based on other events.

Using the Online Flood Mapper

- Go to the website:
<http://wimcloud.usgs.gov/apps/FIM/FloodInundationMapper.html>
- Click on one of the gauges (green triangles) in the Lansing area to zoom in and make the slider box appear
- In the Basemaps tab in the upper right of the screen select Imagery/Labels to get an aerial image
- Adjust the sliders to display flood conditions for past or forecasted gauge readings
- Zoom into the area you want to view
- Click anywhere in the flooded area to see how deep the water would be
- To minimize the slider box click and drag it into the lower right corner
- To maximize it again click and drag it back out again

May 23, 2004

Starting point on the gauges are close to these conditions:

Grand River = 12.9 feet

Red Cedar = 7.5 feet

Sycamore Creek = 7.9 feet

Questions about the Online Flood Mapper or about flooding in our area?

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