

# NOAA HAB-OFS Bulletins: How to View Geospatial PDFs

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The Lake Erie HAB bulletin is available as a geospatial PDF, which contains the location information for the bulletin images. To use an Adobe PDF viewer to view coordinate data and measure area and distance:

**Step 1:** Obtain the latest, free, version of Adobe Reader 9x or higher at: <http://get.adobe.com/reader/>.

Note: The menus may vary if you are using a different version of Adobe Reader or Adobe Acrobat.

**Step 2:** Open the geospatial PDF bulletin in Adobe Reader.

**Step 3:** Enable the geospatial tool set.

- In Adobe Reader—View the geospatial tools by selecting **Tools > Measure**.
- In Adobe Standard or Professional—View the geospatial tools by selecting **View > Tools > Analyze** or **Edit > Manage Tool Sets**
- For additional help visit: <https://helpx.adobe.com/acrobat/using/geospatial-pdfs.html>.

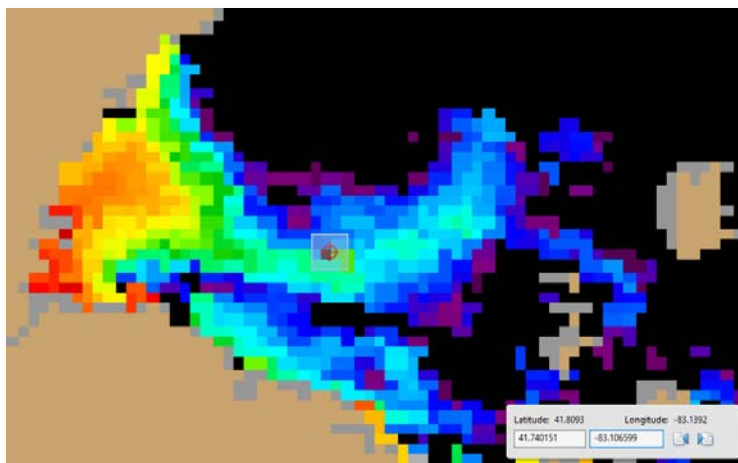
## Key Functions for the Bulletin

### ◆ Geospatial Location Tool

- Mouse over an image on the bulletin to see the corresponding coordinates
- To find a location using its coordinates, right click on the bulletin and select **Find a Location**.
- To place a marker by a location, right click on the map location and select **Mark Location**.

### ◆ Measuring Tool

- Measure area and distance
- The units of measurement and other properties for the **Measuring Tool** can be changed in the context menu by right-clicking anywhere on the bulletin while the **Measuring Tool** is active.



Use the **Geospatial Location Tool** to **Find a Location** on the map.

Source: NOAA Lake Erie Harmful Algal Bloom Bulletin 8/11/16