

**Flood Map Modernization  
Local Data Provided for**

Community Name, County

Contact for data on this form:

Daytime Phone (      )

To produce the most accurate, up-to-date flood maps for your community, IDNR is seeking the following:

1. **Community base map data:** high resolution aerial photography; road annotation; railroad, stream, & lake data layers; municipal boundaries; topography with contour intervals less than 10'.
2. **Flood Insurance Study (FIS) data:** descriptive information about your community's population change, climate, historical floods (with photographs, if available), landscape features, or flood protection structures. Newspaper clippings, website narratives, or magazine articles are all acceptable.
3. **New flood studies:** not yet completed, with pending LOMC or physical map revision, or not submitted for review (these will be prioritized for possible inclusion in this map or in future maps).
4. **Changes that may affect BFEs:** new bridges, storm sewers, channelization, etc.
5. **Mapping needs for future study:** areas that need flood study because they have never been mapped or there have been hydrologic or hydraulic changes. These will be prioritized for future study.

**Please use this form to document your community information and bring it with you to the Scoping meeting.** Please inform us about discrepancies or inaccuracies in your existing flood maps; you will be able to mark such corrections on map panels provided at the Scoping meeting. Changes in floodplain delineations must be supported by topographic and/or engineering data.

**1. BASE MAP DATA**

To ensure quality flood maps, FEMA requires that data used in producing Digital Flood Insurance Rate Maps meet the below minimum standards. Certification to these standards and metadata is required.

- Scale (vector data) → at least 1" = 1,667' (1:20,000)
- Resolution (raster data) → at least 1 meter ground distance
- Horizontal accuracy → radial accuracy of 38'
- Horizontal reference → must be referenced to a known projection and datum
- Vertical accuracy → 1.2' (RMSEz of 0.6') for 2' contours
- Date → data must have been created or reviewed for update needs within the last 7 years

**Aerial photography**       Color or  Black & White       Tiled or  One large file

Is Vendor Data Certification available?       Yes or  No

Is Metadata Available?       Yes or  No

Resolution: \_\_\_\_\_ File format: \_\_\_\_\_

Dates: \_\_\_\_\_ Geographic area: \_\_\_\_\_

**Topography**

Is Vendor Data Certification available?       Yes or  No

Is Metadata Available?       Yes or  No

Vertical accuracy: \_\_\_\_\_ Projection: \_\_\_\_\_

Horizontal & Vertical datum: \_\_\_\_\_ Dates: \_\_\_\_\_

Geographic area: \_\_\_\_\_

**Other**       Municipal Boundaries       Streams & Lakes       Road & Railroads

Is Metadata Available?       Yes or  No

Scale: \_\_\_\_\_ Horizontal accuracy: \_\_\_\_\_

Projection: \_\_\_\_\_ File format: \_\_\_\_\_

## 2. WRITTEN COMMUNITY DESCRIPTIONS

- Population     Climate     Historical flood descriptions &/or photographs  
 Landscape features     Flood protections structures (dams, levees, reservoirs)     Other

Brief summary:

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## 3. NEW FLOOD STUDIES

- Not yet complete     Pending LOMC or Physical map revision     Not submitted for review

Stream name:

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Study area:

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Method used for new hydrology:

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Method used for new hydraulics:

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Reason for study:

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## 4. CHANGES THAT MAY AFFECT BFES

- New bridge     Channelization     Storm sewer     Other

Stream name:

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Location:

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Brief description:

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## 5. MAPPING NEEDS FOR FUTURE STUDY

Stream name:

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Study area:

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Briefly describe why a flood study is needed:

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***Thank you for your help.*** Please send form to Dan Abraham, [Dan.Abraham@illinois.gov](mailto:Dan.Abraham@illinois.gov), 217-785-4796  
Illinois Department of Natural Resources, One Natural Resources Way, Springfield, IL 62702