



Local (1:4,800) NHD – Stream Data User Survey, November 2005

Name	Agency
Date	Email

The purpose of this survey is twofold. First, this will aid in the establishment of standards and definitions of streams and water bodies at local resolution (1:4,800) as GIS data for streams is developed. Within the context of this survey, the word “stream” includes these entities: stream centerlines, double-line streams, perennial and intermittent streams, wetlands, lakes, ponds and reservoirs.

Secondly, this survey explores the varied uses of digital stream data among stakeholders in West Virginia. The results of this survey will be used to assess the current status of digital stream data as well as to preliminarily propose plans for improving the data infrastructure and data sharing arrangements in the state.

This survey is due November 23rd. Please send completed surveys to Evan Fedorko using one of the methods below (fax, email, mail). You can download a digital version of this survey at: <http://wvgis.wvu.edu/stateactivities/LRNHD.html> Thank you very much for your time and input!

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Categories:

- A. Agency Mission and Expertise
- B. National Hydrography Dataset
- C. Stream Dataset Needs
- D. Potential Uses for Stream Datasets
- E. LR-NHD Participation



Section A. Agency Mission and Expertise

1. What is the primary mission of your agency?
2. What is your agency's definition of a stream?
3. What is your agency's definition of a water body (lake, swamp, marsh, reservoir)?
4. Please list any official documents, websites, or legal definitions of streams as they apply to your agency?
5. Do you have any specialized stream, waterbody, or other datasets at a detailed map scale that might be useful for the local National Hydrography Dataset (NHD) mapping project? Include data format (shapefile, paper map etc.) and scale if known. For example: maps of springs, reservoirs, gauging stations, detailed maps of streams drawn on topographic maps etc.
6. Are any of the above datasets or documents in the private domain or confidential? Would you be able to release these datasets or documents?

Section B. National Hydrography Dataset (NHD)

7. Does your agency currently use the NHD digital surface water maps for West Virginia? If so, how is the NHD used by your agency?



8. Has your agency's experience with 24K and 100K NHD data been positive or negative? Elaborate, if possible.
9. Has your agency compiled a list of errors or omissions encountered in the 24K NHD?

Section C. Stream Dataset Needs

10. Do you currently have or use any statewide or countywide stream maps or digital stream files in addition to NHD? This includes customized versions of NHD. Please list/describe.
11. How often does your agency use stream/waterbody maps or digital stream/waterbody files?
12. For what purposes are you currently using your maps or digital stream files?
13. How are stream maps or digital stream maps used in a regulatory manner by your agency?
14. How does your agency maintain and/or update your stream maps or digital files?
15. How frequently are your stream maps/digital files updated? How you do distribute your updates?



16. What level of accuracy would you expect, as a user, in a local resolution (1:4800) hydrographic dataset?
17. What GIS system(s) and/or software are you currently using? Include software version number (e.g. ArcView 3.x, ArcGIS 8.x, ArcGIS 9.x).
18. Approximately how many GIS personnel do you have in your department?

Section D. Potential Uses for Digital Stream Datasets

19. What are your current and future needs for a digital stream file (include spatial extent, spatial scale or level of detail, attribute or label information for each stream, datasets to be associated with streams, etc.)
20. How will the resulting local resolution (1:4,800 scale) NHD stream datasets from this project be of benefit to your agency?
21. Do you have a need to map or model point locations along streams, or stream segments in your work?
22. Do you have a need to model stream networks and flow in your work?



Section E. Local NHD Project Participation

23. Is your agency willing to invest funds into the creation of a new, statewide digital stream and waterbody dataset at the local (1:4,800) scale?
24. Does your agency have funds available for digital stream data maintenance?
25. Are there any other agencies or groups (local or state) not currently included in our mailing list (see attached) that you would suggest we contact with this survey?
26. Do you have any other needs or comments related to digital stream datasets not addressed in this survey?



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??	US Census	??	??
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??	West Virginia Public Service Commission	??	??