

Minnesota Geospatial Advisory Council
Committee/Workgroup Final Report

Hydrography Committee

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How long did the committee/workgroup exist?

- 1999 to 2010
- Mission (2000): The Hydrography committee exists to help foster the development, integration and sharing of hydrography data statewide.
- Revised mission (2005): To promote consistent development of hydrography data and enable data exchange through coordination, cooperation and standards development.

What did the committee/workgroup accomplish?

- Standards and guidelines development
 - Basin feature – 2000
 - Watershed update guidelines - 2001
 - Watercourse/reach feature – 2003
 - Watershed standard - 2005
 - Digital Stormwater System Data Exchange – 2010
- Assessment of user needs
 - Hydrographic data needs and data inventory (in partnership with MetroGIS) – 2000
 - NHD user needs assessment - 2005
- Coordination
 - NHD data development coordination
 - Negotiated use of DNR 1:24K as source data
 - Grant submittals/awards – USGS and EPA
 - Hosted variety of technical seminars and training
 - Met Council (Steve Kloiber) integration of storm sewer data into NHD, making MN the first state to do this
 - Developed MN NHD update and maintenance procedures

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- Watershed delineation
 - Delineation/aggregation procedures consistent with Federal guidelines
 - Federal review for WBD compliance
- Fostered development and sharing of information
 - Inter-agency activity coordination
 - Numerous conference presentations and seminars on MN hydrography data activities

Who should be informed?

- The following three standards are published externally on MN.IT's web site, here:
<http://mn.gov/mnit/programs/policies/geospatial/gis-pages/>
 - Codes for the Identification of Reaches and Watercourses in Minnesota
 - Codes for the Identification of Basins in Minnesota
 - Codes for the Identification of Watersheds – Hydrologic Units – in Minnesota

Additional comments:

- Consideration is currently being given to the formation of a new LiDAR/Hydro committee. This would provide a forum for the discussion and consideration of ongoing and emerging hydrography data issues.