

Coordinated Discharges of Selected Streams in Indiana

By a Memorandum of Understanding of May 6, 1976, the U.S. Soil Conservation Service (now known as the Natural Resources Conservation Service), the U. S. Geological Survey (USGS), the U. S. Army Corps of Engineers (Louisville, Detroit and Chicago Districts) and the Indiana Department of Natural Resources (IDNR) mutually agreed to coordinated discharge-frequency values for use in water resources investigations and planning activities in the State of Indiana. The method by which this coordination is achieved is described in the Memorandum, which can be found [here](#).

It is important to note that although the values indicated by the various curves have been coordinated by the four agencies and will be used by them, the circulation of these curves is intended only as an aid to the private sector and does not alter the established procedure for permit, discharge or Floodplain Analysis / Regulatory Assessment (FARA) requests.

Each drainage basin in the state has been assigned a corresponding Basin Number, which is depicted in the context-sensitive map on the main page. By selecting the basin from the map, the curves for the coordinated streams are listed alphabetically. Each of the streams are linked to a PDF file of the coordinated discharge values, which are depicted as a graph of drainage area vs. peak discharge. Drainage areas are typically based on publication "Discharge Areas of Indiana Streams", by R. E. Hoggatt (1975). There are also streams that have coordinated discharge values only at a point location; these are listed in the point coordination table, and linked in the basin stream listings.

In many instances, a stream may be coordinated for only a limited portion of its length because of it being part of a Flood Insurance Study. These studies are often conducted within political boundaries such as that for a city or county. Therefore, special consideration must be given when referring to coordinated curves that represent more than one stream. Stream names that appear in the manual are consistent with those given in the Geographic Name Information System (GNIS).

"UNT" and "RM" are abbreviations for "Unnamed Tributary" and "River Mile", respectively. Unless otherwise indicated, river mile refers to the channel distance in miles from the mouth of the river or stream, and are based on detailed stream mileage determined by the IDNR, Division of Water.

Questions concerning these curves, including the background into the development of the discharge values, should be directed to the IDNR, Engineering Service Center at water_inquiry@dnr.in.gov.