Water Resources Data Indiana Water Year 2004

By Scott E. Morlock, Hieu T. Nguyen and Deborah K. Majors



Prepared by the Indiana District Office, Indianapolis, IN., in cooperation with the State of Indiana and with other agencies



Water-Data Report IN-04-1

U.S. Department of the Interior U.S. Geological Survey

U.S. Department of the Interior

Gale A. Norton, Secretary

U.S. Geological Survey

Charles G. Groat, Director

U.S. Geological Survey, Reston, Virginia: 2004

For more information about the USGS and its products: Telephone: 1-888-ASK-USGS World Wide Web: http://www.usgs.gov/

U.S. Geological Survey, WRD 5957 Lakeside Boulevard Indianapolis, IN 46278

Any use of trade, product, or firm names in this publication is for descriptive purposes only and does not imply endorsement by the U.S. Government.

Although this report is in the public domain, permission must be secured from the individual copyright owners to reproduce any copyrighted materials contained within this report.

PREFACE

This volume of the annual hydrologic data report of Indiana is one of a series of annual reports that document hydrologic data gathered from the U.S. Geological Survey's surface- and ground-water data-collection networks in each State, Puerto Rico, and the Trust Territories. These records of streamflow, stage, lake levels, ground-water levels, and water quality provide the hydrologic information needed by State, local, and Federal agencies and the private sector for developing and managing our Nation's land and water resources.

This report is the culmination of a concerted effort by dedicated personnel of the U.S. Geological Survey who collected, compiled, analyzed, verified, and organized the data, and who typed, edited, and assembled the report. In addition to the authors, who had primary responsibility for assuring that the information contained herein is accurate, complete, and adheres to U.S. Geological Survey policy and established guide-lines, the following individuals contributed significantly to the collection, processing, and tabulation of the data:

D.V. Arvin	R.G. Knapp
P. R. Baker	T.R. Lathrop
B.L. Benedict	J. T. Majors
P. M. Buszka	C.D. Menke
D.A. Cohen	L.V. Myers
J. R. Davis	J. H. Poehler
R.F. Duwelius	M.S. Rehmel
J. W. Frey	B.T. Reinking
M.S. Hopkins	C.A. Silcox
L.M. Jankovic	L.R. Watson

The following individuals contributed significantly to the typing, drafting, and assembling of the report:

P.	H.	Long

D.C. Lampe

T.C. Willoughby

This report was prepared in cooperation with the State of Indiana and with other agencies under the general supervision of J.A. Stewart, District Chief, Indiana, and C.L. Hill, Regional Hydrologist, Northeastern Region.

REPORT DOCUMENTATION PAGE			Form Approved OMB No. 0704-0188				
Public reporting burden for this collection of information is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503.							
1. AGENCY USE ONLY (Leave blank)	2. REPORT DATE March 2005	3. REPORT TYPE AND DAT Annual-Oct. 1, 200					
4. TITLE AND SUBTITLE Water Resources DataIndiana, Water Year 2004			FUNDING NUMBERS				
6. AUTHOR(S) S.E. Morlock, H.T. Nguyen, and	d D.K. Majors						
7. PERFORMING ORGANIZATION NAME(S) AN U.S. Geological Survey, Water 5957 Lakeside Boulevard Indianapolis, Indiana 46278-19		PERFORMING ORGANIZATION REPORT NUMBER USGS-WDR-IN-04-1					
9. SPONSORING / MONITORING AGENCY NAME(S) AND ADDRESS(ES) U.S. Geological Survey, Water Resources Division 5957 Lakeside Boulevard Indianapolis, Indiana 46278-1996			. SPONSORING / MONITORING AGENCY REPORT NUMBER USGS-WDR-IN-04-1				
11. SUPPLEMENTARY NOTES Prepared in cooperation with the State of Indiana and with other agencies.							
12a. DISTRIBUTION / AVAILABILITY STATEM No restriction on distribution. 7 al Technical Information Servio	This report may be purchase	ed from: Nation-	b. DISTRIBUTION CODE				
13. ABSTRACT (Maximum 200 words) Water-resources data for the 2004 water year for Indiana consists of records of discharge, stage, and water quality of streams and wells; reservoir stage and contents; and water levels in lakes and wells. This report contains records of discharge for 127 stream-gaging stations, stage for 16 stream stations, stage and contents for 1 reservoir, water quality for 7 streams, water temperature at 17 sites, sediment analysis for 1 stream, water levels for 9 lakes and 37 observation wells. Also included are records of miscellaneous discharge measurements, miscellaneous levels and miscellaneous water quality, not part of the systematic data-collection program. Data contained in this report represent that part of the National Water Information System operated by the U.S. Geological Survey in Indiana in cooperation with State and Federal agencies.							
 ^{14.} SUBJECT TERMS *Indiana, *Hydrologic data, * Flow rates, Gaging stations, Lal atures, Water levels, Water ana 	kes, Reservoirs, Chemical a	nalysis, Water tempe					

17. SECURITY CLASSIFICATION OF REPORT Unclassified	18. SECURITY CLASSIFICATION OF THIS PAGE Unclassified	19. SECURITY CLASSIFICATION OF ABSTRACT	20. LIMITATION OF ABSTRACT
NSN 7540-01-280-5500 Standard Form 298 (Rev. 2-89)			andard Form 298 (Rev. 2-89)