

Prepared in cooperation with the State of Colorado and with other agencies

# **Water Resources Data Colorado Water Year 2004**

By R.M. Crowfoot, W.F. Payne, G.B. O'Neill, and R.W. Boulger

Water-Data Report CO-04-1

**U.S. Department of the Interior**

Gale A. Norton, Secretary

**U.S. Geological Survey**

Charles G. Groat, Director

2005

U.S. Geological Survey  
Colorado Water Science Center  
MS 415, Bldg. 53, Box 25046  
Denver Federal Center  
Denver, CO 80225  
(303) 236-4882

Information about the USGS Colorado Water Science Center is available on the Internet at <http://co.water.usgs.gov/>.

Information about all USGS reports and products is available by calling 1-888-ASK-USGS or on the Internet via the World Wide Web at <http://www.usgs.gov/>.

Additional earth science information is available by accessing the USGS home page at <http://www.usgs.gov/>.

## Preface

This volume of the annual hydrologic data report of Colorado 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, ground-water levels, and quality of water 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 volume 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 guidelines, the following individuals contributed significantly to the collection, processing, and tabulation of the data:

S.P. Anders	J.S. Ferarese	J.M. Kuzmiak	E.A. Samuels
D.H. Bartling	S.A. Ferguson	K.J. Leib	D.G. Shubert
B.D. Bemis	A.C. Fleming	M. Lewis	G.J. Smith
R.J. Brandle	J.B. Foster	P.J. Mellone	D.E. Smits
J.F. Bruce	B.S. Galoob	M. Messer	P.A. Solberg
R.G. Carver	B.R. Glass	J.K. Monson	J.R. Sullivan
J.A. Collins	C.J. Green	B.G. Moore	W.J. Thomas
P. Diaz, Jr.	M.A. Gress	R.M. Neam	C.H. Thompson
J.R. Dungan	D.W. Grey	R.J. Ortiz	W.J. Walker
A.M. Duran	K.J. Hall	M.A. Penrod	C.A. Williams
L.A. Duran	D.M. Hartle	S.M. Powers	N.O. Young
E.E. Evans	L.A. Krall	R.L. Reed	

This report was prepared in cooperation with the State of Colorado and with other agencies under the general supervision of J.E. Kircher, Director, USGS Colorado Water Science Center.

# 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 DATES COVERED Annual—Oct. 1, 2003 to Sept. 30, 2004	
4. TITLE AND SUBTITLE Water Resources Data, Colorado, Water Year 2004			5. FUNDING NUMBERS	
6. AUTHOR(S) R.M. Crowfoot, W.F. Payne, G.B. O'Neill, and R.W. Boulger				
7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES) U.S. Geological Survey, Water Resources Discipline Box 25046, Mail Stop 415 Denver Federal Center Lakewood, CO 80225			8. PERFORMING ORGANIZATION REPORT NUMBER USGS-WDR-CO-04-1	
9. SPONSORING / MONITORING AGENCY NAME(S) AND ADDRESS(ES) U.S. Geological Survey, Water Resources Discipline Box 25046, Mail Stop 415 Denver Federal Center Lakewood, CO 80225			10. SPONSORING / MONITORING AGENCY REPORT NUMBER USGS-WDR-CO-04-1	
11. SUPPLEMENTARY NOTES Prepared in cooperation with the State of Colorado and other agencies.				
12a. DISTRIBUTION / AVAILABILITY STATEMENT No restriction on distribution, this report may be purchased from: National Technical Information Service, Springfield, VA 22161 ( <a href="http://www.ntis.gov/">http://www.ntis.gov/</a> )			12b. DISTRIBUTION CODE	
13. ABSTRACT (Maximum 200 words) Water-resources data for Colorado for the 2004 water year published in this report consist of records of stage and discharge of streams; and stage and contents of one reservoir. This report contains discharge records for 312 gaging stations, stage and contents of 1 lake and reservoir, discharge measurements for 1 partial-record low-flow station and 1 miscellaneous site, and peak-flow information for 22 crest-stage partial-record stations. Three pertinent stations operated by bordering states, and 34 stations operated by the Colorado Division of Water Resources are included in this report. All records (except as just noted) were collected and computed by the Water Resources Discipline of the U.S. Geological Survey under the direction of J.E. Kircher, Director, USGS Colorado Water Science Center. These data represent that part of the National Water Information System collected by the U.S. Geological Survey and cooperating State and Federal agencies.				
14. SUBJECT TERMS *Colorado, *Hydrologic data, *Surface water, *Ground water, *Water quality; Flow rate, Gaging stations, Lakes, Reservoirs, Chemical analyses, Sediment, Water temperatures, Sampling sites, Water analyses			15. NUMBER OF PAGES 378	
			16. PRICE CODE	
17. SECURITY CLASSIFICATION OF REPORT unclassified	18. SECURITY CLASSIFICATION OF THIS PAGE	19. SECURITY CLASSIFICATION OF ABSTRACT	20. LIMITATION OF ABSTRACT unclassified	