

**Colorado Agriculture Bibliography 2005**  
A Bibliography of Primary and Secondary Material Published 1820-1945

**Subject Areas: Water and Irrigation**  
**Type of Materials: Theses and Dissertations**

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**Overview**

This portable document file (.pdf) is part of the Colorado Agriculture Bibliography project and includes bibliographic information on a variety of topics related to Colorado's agricultural and rural past. The topics covered in this project are varied but include agriculture, education, water, mining, tourism, recreation, and more. The bibliography contains information about but not full-text for books, journals, dissertations, theses, archival collections, maps, photos, pamphlets, and more.

The Web site and bibliography reflects Colorado's contribution to the *Preserving the History of United States Agriculture and Rural Life Project*. This nation-wide effort aims to identify and preserve state and locally significant literature. The project involves the National Endowment for the Humanities (NEH), Cornell University, the United States Agricultural Information Network (USAIN), the National Agricultural Library (NAL), and other land-grant universities.

The records in this bibliography may cover several subject areas and are listed alphabetically by author. A searchable website of the bibliography is also available if you would like to create searches and find information on other topics.

**Colorado Agriculture Searchable Bibliography**

<http://vulture.library.colostate.edu/agbib/>

For more information about this project visit the website at:

**Colorado Agriculture Bibliography**

<http://lib.colostate.edu/research/agbib/>

The bibliography of Colorado history project was funded in part by a grant from the National Endowment for the Humanities (NEH). The project is part of the United States Agriculture Information Network (USAIN) Preservation Program. Cornell University coordinated the grant project.

1. \_\_\_\_\_ C. V. Benson. (1896). ***Priority of appropriation as regards rights in water for irrigation in the states and territories of the arid regions.*** 21 leaves ; 28 cm. Typescript./ Dissertation: Thesis (M.S.)--Colorado State Agricultural College, 1896.Clarence V. Benson.  
Water rights -- West (U.S.)  
Riparian rights.
2. \_\_\_\_\_ C. A. Bruce. (1933). ***History of federal reclamation and its accomplishments on the Uncompahgre Project, Colorado.*** 111 leaves. tables ; 28 cm.Typescript./ Includes bibliographical references (leaves 109-111)./ "August 19, 1933."/ Dissertation: Thesis (M.A.)--Western State College of Colorado.by Caroline Ann Bruce.  
Agriculture -- Colorado -- Uncompahgre Valley.  
Irrigation -- Colorado -- Uncompahgre Valley.  
Reclamation of land -- Colorado -- Uncompahgre Valley.  
Uncompahgre Valley Reclamation Project.  
United States. Bureau of Reclamation.  
Gunnison Tunnel (Colo.)
3. \_\_\_\_\_ A. C. Bullen. (1915). ***Installation of a two million gallon daily capacity water works for the city of La Junta, Colorado.*** 51 leaves. ill. ; 29 cm.Typescript (photocopy)./ Includes bibliographical references./ Dissertation: Thesis (M.E.)--Iowa State College, 1915.by Arthur C. Bullen.  
Water-supply engineering.  
Water-supply -- Colorado -- La Junta.
4. \_\_\_\_\_ R. N. Bush. (1937). ***Irrigation law in Colorado.*** xvi, 177 leaves. ill. ; 28 cm.Includes bibliographical references (leaves 170-177)./ Also microfiche of typescript. Greeley: Micrographics Laboratory, University of Northern Colorado, 1980.-- 2 sheets ; 11 x 15 cm./ Dissertation: Thesis (M.A.)--Colorado State College of Education, Dept. of History and Political Science, 1937.by Robert Nelson Bush.  
Irrigation -- Colorado.  
Irrigation laws -- Colorado.
5. \_\_\_\_\_ L. W. Charkey. (1936). ***A study of boric acid media for use in the sanitary examination of water supplies.*** 60 leaves ; 28 cm. Includes bibliographical references (leaf 60)./ Typescript./ Dissertation: Thesis (M.S.)--University of Colorado, 1936.by Lowell William Charkey.

6.

\_\_\_\_\_ A. D. Christensen. (1929). **An investigation of an irrigation project in Little Snake River Valley, Wyoming and Colorado.** 137 numb. l. incl. XI [i.e. 12] pl. (part fold.) tables, diags. Dissertation: Thesis (C. Eng.)--Leland Stanford Junior University, 1929.

Irrigation -- Wyoming.

Irrigation -- Colorado.

7.

\_\_\_\_\_ E. T. Christensen. (1940). **Problems of flood control on Bijou Creek in Colorado.** 79 leaves. ill., maps (some col.), photos. ; 28 cm. Includes bibliographical references (leaves 78-79)./ Typescript./ Dissertation: Thesis (M.A.)--University of Colorado, 1940. by Ernst T. Christensen.

8.

\_\_\_\_\_ W. M. Davis, D. Fitzgerald, Evaporation, R. J. Hinton and Irrigation in the United States. (1886, ?). **Mountain meteorology.** Cambridge: University Press. 350 p. illus., tables. Reprinted from *Applachia*, vol. IV, no. 4, 1886./ Dissertation: Bound with: Colorado State engineer's report, 1885-1886.--Mead, E. Ownership of water.--Noble, A. Effect of freezing on cement-mortar.--Dorsey, E.B. Irrigation.--Foote, A.D. A water-meter for irrigation.--Ricketts, P.C. Some constants of structural steel.--American Society of Civil Engineers: March Proceedings, 1887.--FitzGerald, D. Evaporation.--Hinton, R.J. Irrigation in the United States.--Denver Society of Civil Engineers. Colorado.

Irrigation.

Meteorology.

Evaporation (Meteorology)

9.

\_\_\_\_\_ J. J. Doland and J. H. Griffin. (1914). **Measurement of irrigation water by means of farm turnouts.** 9 leaves, 21 leaves of plates. plans ; 28 cm. Typescript./ Dissertation: Thesis (B.S.)--University of Colorado, 1914. by James Joseph Doland and John Homer Griffin.

10.

\_\_\_\_\_ L. R. Douglass. (1934). **The design of a water supply and rapid sand filtration plant for Englewood, Colorado.** 79 leaves. ill., plans (some folded) ; 28 cm. Includes bibliographical references and index./ Typescript./ Dissertation: Thesis (C.E.)--University of Colorado, 1934. by Louis Rea Douglass.

11. \_\_\_\_\_ E. L. Driggs. (1908). ***The location and alignment of the Gunnison Tunnel.*** 32 p. Manuscript copy./ Dissertation: Thesis--University of Missouri--Columbia.Edwin LeRoy Driggs.  
Irrigation -- Colorado.  
Gunnison Tunnel (Colorado)
12. \_\_\_\_\_ E. L. Driggs and R. W. Emmert. (1906). ***The comparison of wind pressures on plane and curved surfaces.*** 12 p. Manuscript copy./ Dissertation: Thesis--University of Missouri--Columbia.Edwin LeRoy Driggs and Roy West Emmert.  
Irrigation -- Colorado.  
Gunnison Tunnel (Colorado)
13. \_\_\_\_\_ F. G. Edson. (1929). ***A study of the use of boric acid-bile medium in the sanitary examination of water.*** 47 leaves ; 28 cm. Includes bibliographical references (leaf 47)./ Typescript./ Dissertation: Thesis (M.A.)--University of Colorado, 1929.by Frank George Edson.
14. \_\_\_\_\_ J. T. Field. (1928). ***The use of crystal violet-bile medium for detection of the colon-aerogenes group of bacteria in water.*** 63 leaves. ill. ; 28 cm.Includes bibliographical references (leaf 63)./ Typescript./ Dissertation: Thesis (M.S.)--University of Colorado, 1928.by John Thomas Field.
15. \_\_\_\_\_ J. C. Fitterer, H. B. Dwight and D. R. Jenkins. (1904). ***Design of a water-power development in Boulder Canon and a transmission line therefrom to the city of Boulder, Boulder County, Colorado.*** vii, 55 leaves, 16, [3] leaves of plates. ill. (some folded), col. folded map ; 28 cm.Includes bibliographical references (leaf iv)./ Typescript./ Dissertation: Thesis (M.S.)--University of Colorado, 1904.by J.C. Fitterer, H.B. Dwight, D.R. Jenkins.
16. \_\_\_\_\_ E. T. D. P. H. D. Force. (1937 Pages: 00001 Institution: UNIVERSITY OF CALIFORNIA, BERKELEY; 0028). ***The Use of the Colorado River in the United States, 1850-1933.***  
HISTORY, MODERN

17.

\_\_\_\_\_ H. O. Ford and G. H. Moore. (1904). ***An investigation of the present water supply system of Boulder, Colo., and a design of some needed changes and additions.*** [iv], 44, [13] leaves. ill., maps (some folded), plans (some folded) ; 28 cm. Includes bibliographical references (leaf [iv])./ Dissertation: Thesis (B.S.)--University of Colorado, 1904. by Howard O. Ford, George H. Moore.

Water-supply -- Colorado -- Boulder.

18.

\_\_\_\_\_ E. J. Groscurth. (1941). ***Principles of engineering for water rights in Colorado.*** 64 leaves ; 28 cm. Includes bibliographical references (leaves 62-64)./ Typescript./ Dissertation: Thesis (C.E.)--University of Colorado, 1941. by Edward John Groscurth.

19.

\_\_\_\_\_ R. H. b. Hess. (1916-1917). ***Arid-land water rights in the United States ; The Colorado water right ; The California water right ; Evolution of irrigation water rights in interstate streams.*** 4 pts. in 1 v. ; 23 cm. Pts. 1-2 reprinted from Columbia law review. Pt. 1: June 1916, 16 p. ; Pt. 2: Dec. 1916, 16 p. -- Pt. 3 reprinted from California law review, vol. 5, no. 2 (Jan. 1917), p. [143]-160 -- Pt. 4 reprinted from American law review, Jan.-Feb. 1917, p. 45-78./ Includes bibliographical references./ Dissertation: Presented as Thesis (Ph. D.)--University of Wisconsin--Madison, 1908.[by Ralph Henry Hess].

Water rights -- United States.

20.

\_\_\_\_\_ R. H. D. P. H. D. Hess. (1908 Pages: 00084 Institution: THE UNIVERSITY OF WISCONSIN - MADISON; 0262). ***Part I. Arid-Land Water Rights in the United States. Part li. The Colorado Water Right. Part lii. The California Irrigation Right. Part Iv. Evolution of Irrigation Water Rights in Interstate Streams.***

ECONOMICS, AGRICULTURAL

21.

\_\_\_\_\_ G. K. Hill. (1938). ***Economic aspects of the Colorado-Big Thompson Water Diversion Project.*** 87 leaves. maps ; 28 cm. Includes bibliographical references./ Dissertation: Thesis (M.S.)--University of Denver, 1938./ Reproduction: Microfilm./ [S.I. :/ s.n.]/ 1 microfilm reel ; 35 mm.

Water resources development -- Colorado.

Water transfer -- Economic aspects -- Colorado River Watershed (Colo.-Mexico)

Colorado-Big Thompson Project (U.S.)

22.

\_\_\_\_\_ H. A. Hoffmeister. (1942). ***The Uncompahgre Valley irrigation project***. Chicago: 1 p. l., 45 p. ill. (maps) 23 cm. Lithoprinted./ Bibliography: p. 45./ Dissertation: Part of Thesis (Ph. D.)--University of Chicago, 1939.by Harold A. Hoffmeister.

Irrigation -- Colorado -- Uncompahgre Valley.  
Agriculture -- Colorado -- Uncompahgre Valley.  
Uncompahgre Valley (Colo.) -- Economic conditions.

23.

\_\_\_\_\_ H. A. Hoffmeister. (1939). ***The Uncompahgre Valley irrigation project***. Chicago: ix, 181 l. illus., maps (part col.) 32 cm. Bibliography: leaf 181./ Dissertation: Thesis--University of Chicago.by Harlod A. Hoffmeister.

Irrigation -- Colorado -- Uncompahgre Valley.  
Agriculture -- Colorado -- Uncompahgre Valley.  
Uncompahgre Valley (Colo.) -- Economic conditions.

24.

\_\_\_\_\_ U. A. D. Hubbell. (1931) ***The effect of weed growth upon soil moisture : the water requirement of species of Lactuca and Kochia***. Typescript.Thesis (M.S.)--Colorado State Agricultural College, 1931.Bibliography: leaves 104-107. Record imported from Colorado State University catalog, 2005.

Weeds.  
Soil moisture.  
Absorption of water.

25.

\_\_\_\_\_ H. H. Kerr and R. A. Ornauer. (1914). ***Electrically driven pumps for irrigation***. 1 v. (various pagings). charts, photos. ; 28 cm.Typescript./ Dissertation: Thesis (B.S.)--University of Colorado, 1914.by Henry H. Kerr, Raymond A. Ornauer.

26.

\_\_\_\_\_ J. Kurtz. (1911). ***Electric pumping for irrigation***. 23 leaves. ill. (some folded), plans (some folded) ; 28 cm.Typescript./ Dissertation: Thesis (B.S.)--University of Colorado, 1911.Julius Kurtz, Verton O. Osborn.

27.

\_\_\_\_\_ M. E. Large. (1932). ***Appropriation to private use of land and water in the St. Vrain Valley before the founding of the Chicago-Colorado colony (1871)***. Boulder: Colo. 41, 5 p. graphs, tables. 28 cm. Contains lists of land-owners, land sales, and ditch owners in St. Vrain Valley before Feb. 2, 1871, also lists of members of Troy district and Franklin township./ Binder's title: Private use of land and water in the St. Vrain Valley./ Bibliography: 5p. [at end]./ Dissertation: Thesis (M.A.)--Colorado University, 1932.

Land titles -- Colorado -- St. Vrain Valley.

Irrigation -- Colorado -- St. Vrain Valley.

28.

\_\_\_\_\_ R. S. McIntosh. (1908). ***Irrigation in Colorado : its influence on the social and industrial conditions of the state***. 187 leaves ; 28 cm. Includes bibliographical references./ Typescript./ Dissertation: Thesis (M.A.)--University of Colorado, 1908.by Roy Stuart McIntosh.

29.

\_\_\_\_\_ W. Melcher. (1931). ***The economics of crop production on the Uncompahgre Valley reclamation project***. Madison: Wis. v, 132 numb. l. incl. 2 maps, diags. 28 cm. Reproduction of type-written copy./ Cover title: The Uncompahgre reclamation project./ Bibliography: leaves 128-130./ Dissertation: Thesis (Ph. D.)--University of Wisconsin, 1931.by William Melcher.

Crops and climate.

Agriculture -- Colorado -- Uncompahgre Valley.

Irrigation -- Colorado.

30.

\_\_\_\_\_ M. D. P. H. D. Montgomery. (1943 Pages: 00001 Institution: UNIVERSITY OF CALIFORNIA, BERKELEY; 0028). ***A Plan for Development and Management of Resources of the Colorado River Basin: A Study of Federal Organization***.

POLITICAL SCIENCE, GENERAL

31.

\_\_\_\_\_ B. F. Morrill. (1914). ***The measurement of irrigation water***. 50 leaves, [9] leaves of plates. ill. ; 28 cm.Typescript./ Dissertation: Thesis (B.S.)--University of Colorado, 1914.by B.F. Morrill.

32.

\_\_\_\_\_ L. D. Morrill. (1942). ***A report on the Cherry Creek watershed.*** v, 51 leaves. ill. (some folded), folded maps ; 28 cm. Includes bibliographical references./ Typescript./ Dissertation: Thesis (M.S.)--University of Colorado, 1942.by Laren D. Morrill.

33.

\_\_\_\_\_ R. L. D. P. H. D. Olson. (1926 Pages: 00527 Institution: HARVARD UNIVERSITY; 0084). ***The Colorado River Compact.***  
ECONOMICS, GENERAL

34.

\_\_\_\_\_ H. E. Phelps. (1916). ***A sanitary engineering study of the Boulder water supply.*** 56 leaves. ill. (some folded), maps (some folded) ; 28 cm. Typescript./ Dissertation: Thesis (C.E.)--University of Colorado, 1916.by Howard E. Phelps.

35.

\_\_\_\_\_ A. C. Preston. (1909). ***Investigation of values of the coefficient "N" in Kutter's formula for earth lined irrigation canals.*** 44 leaves. photos. ; 28 cm. Typescript./ Dissertation: Thesis (B.S.)--University of Colorado, 1909.by Arthur C. Preston.

36.

\_\_\_\_\_ J. F. Pughe and M. W. Buell. (1903). ***A proposed irrigation system in Boulder, Weld and Arapahoe Counties, Colorado.*** [iii], 37 leaves, [11] fold. leaves of plates. ill. ; 28 cm. Includes bibliographical references (leaf [iii])./ Typescript./ Dissertation: Thesis (B.S.)--University of Colorado, 1903.J.F. Pughe, M.W. Buell.

37.

\_\_\_\_\_ J. G. Rose. (1911). ***Irrigation structures in the Grand Valley, Mesa County, Colorado.*** 25 leaves, 65 leaves of plates. ill. (some fold.), fold. maps, fold. plans ; 28 cm. Typescript./ Dissertation: Thesis (B.S.)--University of Colorado, 1911.by John G. Rose.

38.

\_\_\_\_\_ M. H. Russell. (1916). ***Design of a hydro-electric plant for lighting purposes, using the Boulder water supply.*** ii, 14 leaves, [4] leaves of plates (1 folded). ill. ; 28 cm. Typescript./ Dissertation: Thesis (B.S.)--University of Colorado, 1916.by Marvin H. Russell.



39.

\_\_\_\_\_ E. D. P. H. D. Schulman. (1944 Pages: 00168 Institution: HARVARD UNIVERSITY; 0084). ***The History of Precipitation and Runoff in the Colorado Basin as Indicated by Treerings.***  
PHYSICAL GEOGRAPHY

40.

\_\_\_\_\_ V. E. Starks and E. M. Tyler. (1910). ***Design of hydro-electric plant on Cache La Poudre River.*** 15 leaves. ill. (some folded), maps (some folded) ; 28 cm.Typescript./ Dissertation: Thesis (B.S.)--University of Colorado, 1910.by V.E. Starks [and] E.M. Tyler.

41.

\_\_\_\_\_ C. M. Tattam, Colorado School of Mines and Dept. of Geophysics. (1932). ***The application of the electrical resistivity method of geophysical prospecting to problems of underground water.*** 79 leaves. ill. ; 29 cm.Typescript (photocopy)/ Includes bibliographical references./ Thesis advisors: T. A. Manhart, C. A. Heiland, Dept. of Geophysics./ Dissertation: Thesis (Ph.D.)--Colorado School of Mines, 1932.C. M. Tattam.

Groundwater -- Colorado.

Electric prospecting.

Electric resistance.

Prospecting -- Geophysical methods.

42.

\_\_\_\_\_ M. Thompson. (1927). ***A history of the development of irrigation in the Cache La Poudre Valley.*** vii, 94 leaves. ill. ; 28 cm.Includes bibliographical references (leaves 91-94)./ Also microfiche of typescript. Greeley: Micrographics Laboratory, University of Northern Colorado, 1980.-- 2 sheets ; 11 x 15 cm./ Dissertation: Thesis (M.A.)--Colorado State Teachers College, Dept. of History and Political Science, 1927.Marion Thompson.

Irrigation -- Colorado.

43.

\_\_\_\_\_ S. C. Tobey. (1935). ***The use of brilliant green-lactose-bile broth for testing water supplies.*** 42 leaves ; 28 cm. Includes bibliographical references (leaves 39-42)./ Typescript./ Dissertation: Thesis (M.A.)--University of Colorado, 1935.by Sidney Case Tobey.

44.

\_\_\_\_\_ A. L. Tovatt. (1941). **Take back the wilderness**. vii, 91 leaves ; 28 cm. Typescript./ Includes bibliographical references (leaf 86)./ "November 18, 1941."/ Narrative poem of settlers of Colorado's Arkansas Valley, especially Rocky Ford, and the building of irrigation canals in the area./ Dissertation: Thesis (M.A.)--Western State College of Colorado, 1941.by Anthony Lee Tovatt.

Frontier and pioneer life -- Colorado -- Arkansas Valley -- Poetry.

Arkansas Valley (Colo.) -- Poetry.

Rocky Ford (Colo.) -- Poetry.

45.

\_\_\_\_\_ A. A. Weiland. (1907). **Modern practice in irrigation structures**. 76 leaves, 100 leaves of plates. ill., plans (some fold.) ; 28 cm.Typescript./ Dissertation: Thesis (B.S.)--University of Colorado, 1907.by Adelbert Alonzo Weiland.

46.

\_\_\_\_\_ N. F. Witt. (1928). **A study of malachite green for use in medium for bacteriological water analysis**. 46 leaves ; 28 cm. Includes bibliographical references (leaf 46)./ Typescript./ Dissertation: Thesis (M.S.)--University of Colorado, 1928.by Norman Frank Witt.

47.

\_\_\_\_\_ B. C. Young. (1941) **Attitude toward and observance of some health practices by rural people of Colorado**. Typescript.Thesis (M.S.)--Colorado State College of Agriculture and Mechanic Arts, 1942.Bibliography: leaves 154-155. Record imported from Colorado State University catalog, 2005.

Rural health services.

Diet.

Water-supply, Rural.