

Richard E. Juday Papers, 1937-1994

Overview of the Collection

Creator	Juday, Richard Evans, 1918-2002
Title	Richard E. Juday Papers
Dates	1937-1994 (inclusive) 1937 1994
Quantity	6.0 linear feet
Collection Number	Mss 629
Summary	This collection contains Richard E. Juday's papers from his time as a student at Harvard and as a chemistry professor at The University of Montana.
Repository	University of Montana, Mansfield Library, Archives and Special Collections Archives and Special Collections Maureen and Mike Mansfield Library University of Montana 32 Campus Dr. #9936 59812-9936 Missoula, MT Telephone: 406-243-2053 Fax: 406-243-4067 library.archives@umontana.edu
Access Restrictions	Researchers must use collection in accordance with the policies of Archives and Special Collections, the Maureen and Mike Mansfield Library, and The University of Montana--Missoula.
Languages	English

Historical Note

Richard E. Juday was born in Madison, Wisconsin, on May 28, 1918. His father was a professor of limnology at the University of Wisconsin. Like his father, Juday studied limnology. He received his bachelor's degree in chemistry from Harvard University in 1939 and his doctorate degree in organic chemistry from the University of Wisconsin in 1943. He came to Missoula in 1948 and was a University of Montana chemistry professor for 30 years specializing in limnology. He continued to be involved with the University until his death in 2002.

Content Description

This collection contains Juday's papers from when he was a student at Harvard and as a chemistry professor at The University of Montana. Juday's papers from when he was a student include notes from his classes. Juday's papers from when he was a professor at the University include research materials, writings and publications, correspondence, grant applications, notes for courses he taught and papers from The University of Montana Water Chemistry Laboratory. There is a series of notebooks which list chemical compounds, their patent numbers and notes on specific compounds; these are indexed.

Juday was involved with two professional organizations, the Montana Academy of Sciences and the American Chemical Society. This collection also contains papers from Juday's alumni involvement with the University of Wisconsin.

Use of the Collection

Restrictions on Use

Researchers are responsible for using in accordance with 17 U.S.C. and any other applicable statutes. Copyright transferred to The University of Montana--Missoula.

Preferred Citation

[Name of document or photograph number], Richard E. Juday Papers, Archives and Special Collections, Maureen and Mike Mansfield Library, The University of Montana—Missoula.

Administrative Information

Arrangement

The collection is not divided into series and remains in original order

Acquisition Information

The collection was donated by Edward Keller in 2003

Detailed Description of the Collection

Container(s)	Description	Dates
Box		
1	Record book of research data	1977-1985
1	Record book of miscellaneous data, analyses	1983-1986
1	Record book of data from Missoula Valley Project	1977-1983
1	Notebook #1, miscellaneous analysis and special projects	undated
1	Notebook #2, BLM samples and Montana Forestry	undated
2	Trophic State	

Container(s)	Description	Dates
2	"Water Quality Report on Area Lakes," by Juday and Keller	circa 1976-1977
2	QWRT Quarterly Report	
2	Maps	
2	Reports and data	
2	Crude new data	1989-1991
2	new data	
2	unmarked folder of raw data	
2	Nutrients	
2	Utah Study	
2	Miscellaneous papers and correspondence	
2	From Kathy, microfiche, reports and correspondence	
2	Correspondence	1975-1977
2	Placid Lake Binder	1974
2	Algae binder	1976
2	Tabulated data-Alva	
2	Tabulated data-Seely	
2	Tabulated data-Placid	
2	Tabulated data-Inez	
2	Photos, Certificates, Chemistry Assignments	
2	Research materials and Title I programs	
2	Harvard Pamphlet	

Container(s)	Description	Dates
2	Harvard Materials, Sigma Xi pamphlets	
2	Harvard Newspapers and Alumni pamphlet	
2	Chemistry 13, 1st half notebook	undated
2	Chemistry 13, 2nd half notebook	undated
2	Chemistry notebook	undated
2	Chemistry notebook	undated
2	Chemistry notebook	1937-1938
3	Patented chemical compounds notebook, indexed	undated
3	Patented chemical compounds notebook, indexed	undated
3	Chemical compounds notebooks, indexed	1950-1960
3	Book 2, Chemical compounds notebook	1960-1963
3	Book 3, Chemical compounds notebook	1963-1966
3	Book 4, Chemical compounds notebook	1965-1966
3	Book 5, Chemical compounds notebook	1966-1971
3	Book 6, Chemical compounds notebook	1971-1976
3	Chemistry Department course experiments binder	undated
3	Manuscript with data	
3	Research data notebook	1979
3	National Science foundation project, research data notebook	1980
3	EPA project on sewer plant, research data notebook	1981
3	Notebook with miscellaneous analysis	1986-1994

Container(s)	Description	Dates
4	Flathead 208, correspondence and data	1980-1981
4	Flathead 208	1982
4	Miscellaneous Wells	1977-1978
4	Surface Waters sample data	1977-1978
4	Montana Power Wells sample data	
4	Coulometer invoices	
4	National Cancer Institute data	
4	Bio Assay, Instruction 14 manual, Screening Data Summary Interpretation	1972
4	HEW Correspondence, current	
4	Bio Assay, Recent	
4	Cancer Data	
4	Instruction 14 manual, binder	
4	Progress report on a Water Quality study of Placid Lake, by Juday and Keller	1976
4	EPA Sewer Project	
4	Hebgen Lake algae bloom research with Wisconsin State University	
4	Train derailment and acid spill, clippings and correspondence	
4	National Science Foundation proposal, "The Effect of Ash Fallout on Water Quality in Western Montana"	
4	Science academies and associations, correspondence	
4	Academy of Sciences, correspondence	

Container(s)	Description	Dates
4	Montana Academy of Sciences	
4	Montana Academy of Sciences, TV Project, "Montana: As Science Sees It"	
4	Grant Research	
4	Photos and Slides of Placid Lake Water	
5	Rocky "Catalytic" Water "Conditioners" binder	
5	house Joint Resolution 49, Forest Practices and Watershed Effects	1988
5	Department of Health Service Correspondence	
5	Environment Peripherals, Water Plans	
5	Sullivan Flats research data	
5	Hayes Creek research data	
5	Industrial Services Company	
5	Masteron Creek and alodine correspondence	
5	Original data forms	
5	Hamilton Fish and Game research data	
5	Contracts and retirement, correspondence and contracts	
5	Correspondence	
5	Montana Water Plan	
5	2100 Perkin Elmer, Equipment	
5	Marc Gordon, Water Samples and Correspondence	
5	American Chemical Society Conference	1984

Container(s)	Description	Dates
5	Chemistry 521 Petroleum Articles	
5	McGowan Company and Department of Health Services	1988-1989
5	Real Log Homes	1990
5	Chemistry 216 Notes and Articles	
5	Extracts, Vanilla License	
5	Correspondence	
5	Correspondence and Advertisements for chemicals and supplies	
5	First draft of data for water samples	
5	Original sample forms for tables	
5	Tranparencies and notes	
5	Blank sample data forms	
5	"A ToxinBloom of Anabaena Flos-Aquae in Hebgen Reservoir, Montana in 1977" manuscript	
5	Inorganic, correspondence	
5	Trout Lake Wisconsin, Names and Directories	
5	Center for Limnology at the University of Wisconsin, correspondence with A. L. Beckel	
5	Trout Lake	
5	University of Wisconsin Newsletters and Correspondence	
5	Wisconsin, Pictures	
5	Organic Qualitative Manual	1977
5	Chemistry 216	

Container(s)	Description	Dates
5	American Chemical Society, 50 Year Members	
5	Untitled Manuscript about Water Quality	
5	"The Effect of Ash Fallout on Water Quality in Western Montana," manuscript by Juday and Keller	1984
5	Algae Counts Data	1982
5	Ash Extraction Results	
5	Seeley Precipitation data and Partial Manuscript	
5	Forms, blank	
5	Original forms, blank	
5	Dissolved Oxygen data	
5	Placid	
5	Inez	
5	Seeley	
5	Salmon	
5	Alva	
5	"A Spontaneous-Based Color Scale for Natural Waters," manuscript by Juday	
6	Inez and Placid Research Data	
6	Oligo and Post Office Lake Data	
6	Streams	
6	Montana Department of Forestry data analysis for Swift g. Drainage	
6	Organic Qualitative Lab Reports	

Container(s)	Description	Dates
6	Missoula Valley Water Study manuscript by Juday, chemical section	1978
6	Stream sampling sites	
6	sample data	1977-1980
6	Bills	
6	Plasma-Arc data	
6	"Acidity and Ion Concentrations of Precipitation in the Missoula Area of Western Montana,' manuscript by Juday and Keller	
6	Latitude and Longitude of Sample Sites	
6	Crude Data notes	1992
6	Jocko Lake Nutrient Chlorophyll	
6	Water sample data	
6	Analysis methods articles and guidelines	
6	Streams	
6	Lake sample data, organized data	
6	Statistics and Blank Forms	
6	Temperature and Dissolved Oxygen data Sample Sheets	
6	Clearwater, Montana, flow data	
6	Well sample data from Kathy Wilke	
6	Acid, Water sample data	
6	Water sample data	
6	Don Herberger, data and computer printouts	

Container(s)	Description	Dates
6	Water sample data	
6	AA Placid	
6	Fluorometric testing for Chlorophyll	
6	AWRR	
6	Atomic Absorbtion, Hidden	
6	NTA EXPS	
6	Atomic Absorbtion, Alva-Inez	
6	Rough Tables	
6	Finished tables	1984-1988
6	Hayes G. and Linda Vista	
6	Travel	
6	Vapor, Atomic Absorbtion	
6	Paint	
6	Microorganisms, DNA	
6	Sulfate Table	
6	Atomic Absorption Furnace	
6	Missoula County Water Quality Advisory Group	
6	Department of Natural Resources	
6	Montana Barite Company, sample data	
6	McGowan Water Conditioning, University of Montana Water Chemistry Labratory Analysis	
6	Petroleum County Water Sample Data	

Container(s)	Description	Dates
6	Bureau of Land Management, Water Sample Data	
6	Newman, Water Sample Data	
6	Metcalf Preserve, Water Quality Report	
6	Montana State Highway Department samples	
6	Directories and Comments on Standard	
6	Missoula City and County Health	
6	Spratt, Water Sample Data	
6	Cu-Anal Real Log Homes	
6	USFS, University of Montana Water Laboratory Analysis Data	
6	Satellite Photo of Sample Lakes	
6	Partial Manuscript of Placid Lake and Clearwater Drainage study, final version 1, 2, 3, 4	
6	Out of County	
6	Western Montana Sports Medicine and Fitness Center, Water Analysis Laboratory Report	
6	Montana State Land Board	
6	USDA Fire Lab, Water Sample Analysis	
6	Culligan, R. O. Matson's	
6	Missoula Valley Water Study Project	
6	Notes	
6	Literature Search	
6	Technicians, Open position	

Container(s)	Description	Dates
6	Computer Program notes	
6	National Science Foundation, Monthly Summaries	
6	New Analyses	
6	Bottled Waters	
6	University of Montana Water Chemistry Laboratory Analyses	
6	Miscellaneous Papers	
6	IBM	
6	Color	1990
6	Color	1985
6	Color	1989
6	Missoula Valley Project, Color	
6	Raw Color Data	May-June, 1975
6	Color	1976
6	Color	1976
6	Color	1977
6	Color	1978
6	Color	1980
6	Color	1984
6	Color	1982
6	Color	1981

Names and Subjects

Subject Terms :

Chemistry--Study and teaching (Higher)--Montana--Missoula

Limnology--Study and teaching (Higher)--Montana--Missoula

Corporate Names :

American Chemical Society

Montana Academy of Sciences

University of Montana--Missoula. Water Chemistry Laboratory

University of Montana--Missoula--Faculty

Occupations :

Chemistry teachers--Montana--Missoula

Limnologists--Montana--Missoula.

Finding aid prepared by Ann Sullivan

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