

University of Oklahoma Libraries
Western History Collection

C. J. Bollinger Collection

Bollinger, Clyde John. Papers, 1915–1978. 8 feet.

Professor. Papers (1915–1978), including correspondence between geography professor Clyde John Bollinger and other geographers; research notes with calculations for Bollinger's solar atlas; and reprints of eight articles by Bollinger.

Box 1 Cleveland County (Oklahoma) Crop Meter Data

1. Rainfall and Solar Index, 1886-1943.
2. Cleveland Co. - Livestock, 1924.
3. Seasonal Data, 1869-1935.
4. Cleveland Co. - Land Utilization (Presumably), CA 1924.
5. Crops and Operator Utilization Wealth, 1924-1925.
6. Harvest, Prairie, and Failure Fallow & Idle, Dates?
7. Cleveland Co. - Crops, 1924.
8. Cleveland Co. - Operators & Utilization Wealth, 1924-1925.
9. Precip. of Cincinnati & Northern Indiana, 1882-1920.

Box 2

Magnetic Tape Reels (of the Seven Inner Planets), Bibliography Cards, Computer Cards, and (mainly) slides of graphs.

Box 3 Original Research

Notebooks 1-24: Tables, Formulas, Cycles, Suntides, Planetary Information, the Nile, and Miscellaneous.

Folders:

1. Info. on Earth, Mercury, Venus, and Jupiter (EM, VM, JV & JE), 1749-1959.
2. Info. on Earth & Venus (EV), Plus other Planets, 1837-1950.

Box 4

First draft of "Fluctuations of Solar Energy as Related to Climate and Crops in Southern North America" by Bollinger, and other papers.

Folders:

1. Wheat, Drought, Letters, Data, Soil, Agriculture, and Misc., 1920-1945.
2. Long Range Predictions, and the Climatic Record and Cycles (includes letters), 1924-1946.
3. Sun Spots, Cycles, 1936-1938.
4. 22-Year Solar Pattern of Okla. & Kan., 1945
Rainfall Correlation, 1892-1935
Weather Station, 1946
5. Heliocentric Long: Fall-Winter, 1892-1943
6. Introduction and Preface
7. Articles by Bollinger Reprinted from Various Publications, 1932-1970
8. *Atlas of Planetary Solar Climate* by Bollinger, Volumes II and III, 1962-1963.

9. *Atlas of Planetary Solar Climate* by Bollinger, Volumes IV and V, 1964-1966

Working Atlas (Like that of Folders 8 & 9), Volume I-V, 1900-1980

Box 5 Bollinger Correspondence

Folders:

1. A-Bi, 1921-1973.
2. Bl-Bz, 1922-1970.
3. C-D, 1920-1972.
4. E-F, 1930-1974.
5. G, 1920-1969.
6. H, 1927-1973.
7. I-L, 1918-1973.
8. M-Mi, 1930-1973.
9. Mo-My, 1924-1963.
10. N-R, 1922-1974.
11. S, 1918-1974.
12. T-V, 1920-1968.
13. W-Y & Unidentified, 1929-1971.

Box 6

Folders:

1. Notebooks, Note Cards, 1943-1945.
2. Agriculture, Univ. of Saskatchewan, 1927-1945.
3. Wheat, 1935-1945.
4. A Cultural Laboratory, 1909-1943.
5. Hist. Background: Settlement of the Region and Wheat Culture, 1859-1928.
6. Cycle, 1850-1940.
7. Wheat Belt Today, 1930-1944.
8. Nutritional Aspects, 1920-1944.
9. Surplus Home Market, 1930-1944.
10. Surplus - World Market, 1928-1945.
11. Conclusion & Rainfall Cycle Pattern, 1927-1944.
12. Seasonal Aspect, 1918-1944.
13. Politics, People, Wheat Belt, Prospects, & AAA, 1934-1944.
14. Cleveland County Maps, 1910-1929.
15. Writings & Info. on: Farms, Agri., & Tariffs, 1928-1945.
16. Vegetation, Soil, Soil Erosion, 1871-1942.
17. Central Oklahoma (Cleveland County), 1917-1935.
18. Forecasts of Weather, 1934-1938.
19. Solar-Rain Prelim. Data, 1944
20. Multi-Synoptic Analysis of Change in Population.

Box 7

Folders:

1. Notes (presumably written by Bollinger) and a few handwritten papers (drafts for publication), 1886-1980.
2. Same as Folder #1, 1946-1980.
3. Influence of Sun Spots on Pressure & Wind, 1891-1938.

4. Solar Constants, Sun Sports, and Insol., 1856-1937.
5. Misc. Graphs, Charts, Tables, etc ..., 1855-1980.
6. Misc. Corres., Graphs, Articles, etc ..., 1929-1965.
7. Proposals for Research, "Sun-Tides and Precipitation", ca. 1961.
8. Publications by the Commission on College Geography (Resource Papers), 1972-1974.
9. Climatic Cycles - General, Mercury Phase/Precip, 1944-1949.
10. Planetary Configuration; Tables of the Northern and Southern Hemispheres, --.
11. Planetary Sun-Tides, 1940-1952.
12. Solar Constants, Solar Constant Data, Index Data, 1929-1945.
13. Info. on Solar and Global Indices, Planetary Solar Climate Graphs, 1900-1959.
14. Corres. of C. J. Bollinger, 1930-1938.
Writing of C. J. Bollinger, 1953-1971.
15. Takeo Yamamoto (Corres. with Bollinger, Publications by, and Misc.), ca 1962.
16. Sun Spot Clippings from *The Daily Oklahoman*, and other sources, 1938-1962.
17. Tables of Global Index, 1855-1954.
18. Various Publications, 1935-1977.
19. Various Publications, 1929-1978.

Box 9 Folders:

1. Programs, Papers, and Notes from Conventions and Meetings (includes Member Lists of Various Organizations), 1956-1966.
2. Geography, Papers on: Energy Generation, Heliographic Declination & Trial Pull, "A Pedo-Lithic Map of the Plains Border States", and Misc., 1956.
3. Papers Dealing with Geography, Coefficients, Weather and Sun Spots, etc ... j Misc., 1927-1952.
4. Papers on: Oklahoma, Solar Climatic Cycles, Geographers, Weather, 1937-1938
Crop Yield, etc ..., Misc., 1949-1953.
5. Venus and Misc., 1830-1951.
6. Synodic Cycles, 1906-1933.
7. Declination and Forecast Letters, and Mercury Siderial, 1898-1958.
8. "RCA Scientist Reports Evidence of Direct Relationship Between Earth's Magnetic Storms and Planet Positions", 1951.
9. Climatic History and Geography 41, 1934-1949.
10. Note Cards, 1906-1965.
11. Army Specialized Training Program, 1943.
12. Bollinger - Reprints and Works, 1948-1967.
13. Papers by Bollinger dealing with Sun-tide and Climate - Presented at Various Conventions, 1960-1962.
14. Bollinger Corres. & Paper, 1931-1934.
15. Bollinger - Papers and Corres., and Misc., 1933-1973.
16. Bollinger Corres. & Papers and Corres., Notes, Various Papers, Misc., 1943-1968.
17. Bollinger Papers and Corres., Notes, Data, Misc., 1937-1957.
18. Cycle-Wheat, Misc., 1935-1938.
19. Wheat, Weather Crops, Soil, Land, Railroad, Fossil Fuels, etc..., Misc., 1916-1946.

Box 10 (oversize box)

Oversize Research* and Oversize
Computer Printouts, 1855-1980.

Box 11 (oversize box)

Oversize Research, 1749-1980. Oversize Research includes: Tables of Global Index, Weather of Cities, States, etc, Universal Gravity, Tide Phase, Periodic Table, Sun Tide Global, Info. on Planets (i.e. Revol.), Misc.

Box 12 (oversize box)

Oversize Research*, 1738-1980. Oversize Research includes: Tables of Global Index, Weather of Cities, States, etc, Universal Gravity, Tide Phase, Periodic Table, Sun Tide Global, Info. on Planets (i.e. Revol.), Misc.

Box 13 (oversize box)

Oversize Research*, 1814-1980. Oversize Research includes: Tables of Global Index, Weather of Cities, States, etc, Universal Gravity, Tide Phase, Periodic Table, Sun Tide Global, Info. on Planets (i.e. Revol.), Misc.

Box 14 (oversize box)

Oversize Research*, 1765-1977. Oversize Research includes: Tables of Global Index, Weather of Cities, States, etc, Universal Gravity, Tide Phase, Periodic Table, Sun Tide Global, Info. on Planets (i.e. Revol.), Misc.

Box 14A (oversize box)

Oversize Research*, 1743-1980. Oversize Research includes: Tables of Global Index, Weather of Cities, States, etc, Universal Gravity, Tide Phase, Periodic Table, Sun Tide Global, Info. on Planets (i.e. Revol.), Misc.

Box 15

Folders:

1. A.W. Erickson's *Field Notes Crop Reporting Services*, 1944, 1953-1955.
2. "Planetary Periodicities in Solar Climatic Cycles: by Bollinger, Sunspots, Precip. Tables (Lists), 1764-1954.
3. Planetary Climatology, Solar Systems, Info. on Planets, Lists of Precip. and Weather (for Okla. and other places), and Misc., 1834-1956.
4. Same as Folder #3, 1890-1955.
5. Sun and Sun Spots, 1885-1947.
6. Atlas of Planetary Solar Climate, (Volumes 1-5) by C. J. Bollinger, 1900-1980.
7. Lists of Copies of Various Periodicals (owned) [i.e. Vol. I, No. 1 Jan. 1960], 1935-1981.
8. Precip. (and Weather) of U.S. States, 1886-1961.
9. Precip. (and Weather) of U.S. States (including Okla.), 1886-1969.
10. Precip. of Cities, 1770-1981.
11. Annual Precip. (Weather) of Cities and U.S. States, 1851-1968.

Box 16

Folders:

1. Chapter involving Planets and the Sun, Misc., -
2. Papers Written by Bollinger Dealing with Planetary Sun-Tides, 1949-1968
3. Info. Dealing with Cities and Notes and Papers from Meetings in Cities, 1953-1956.
4. Papers and Articles by Bollinger, 1930-1970.
5. Newspaper Clippings of Weather, Resources, and Farmers, 1929-1981.
6. Same as Folder #5, 1938-1986.
7. Maps of the U.S. and the World With Info. in Areas, 1886-1959.
8. Handwritten Notes of Bollinger (Presumably) and Handwritten (mainly) Papers and Rough Drafts (many by Bollinger), 1934-1975.
9. Drafts and Papers by Bollinger, 1959-1980.

Box 17

Asterisked items contain misc. University Gravity, Tide – Phase, Periodic Table, *Sun Tide Global*, Info. on Planets (Revol.), Global Index, etc...

Folders:

1. Misc. (inclusive),* 1747-1960.
2. Misc. (inclusive),* 1750-1979.
3. Misc. (inclusive),* 1886-1980.
4. Misc. (inclusive),* 1755-1975.
5. Misc. (inclusive),* 1782-1959.
6. Saskatchewan and Weather Crop Bulletins, 1938-1960.
7. *The Northwestern Miller* and other Milling Publications, 1938-1946.
8. Misc. Large Publications, 1922-1959.
9. Misc. (inclusive),* 1757-1960.

Box 18

Folders:

1. Seasonal Timing, 1855-1980.
2. Maps of the U.S. with Info. on Areas (i.e. Precip. of Various States, 1886-1959.
3. Finished Graphs, 1888-1968.
4. Water Levels of Bodies of Water (i.e. the Great Lakes and the Nile), 1860-1980.
5. Same as Folder #4, 1855-1980.
6. Drafts and Papers by Bollinger, 1947-1980.
7. Misc., 1855-1980.
8. Average Temp. of Cities, 1855-1969.
9. Average Temp. of Cities and U.S. States, 1743-1980.
10. Misc. Precip. and Weather, 1855-1980.
11. Misc. Precip. and Weather, 1750-1980.
12. Precip. (Weather) of Areas, 1862-1980.
13. Precip. (Weather) of Areas, 1864-1980.

Box 19

Folders:

1. Equivalent Rainfall Data Great Plains, Okla., 1849-1930.
2. Precip. (Okla. and others), 1843-1937.
3. Precip. of U.S. States (and Weather), 1860-1980.
4. Precip. (and Weather) of U.S. States (including Okla.), 1873-1964.
5. Same as Folder #4, 1886-1974.
6. Annual Precip. (Weather) of U.S. States, 1764-1960.

7. Annual Precip. (Weather) of U.S. States, 1861-1969.
8. Precip. (Weather) of U.S. Cities (i.e. St. Paul), 1738-1980.
9. Precip. (Weather) of U.S. Cities (i.e. St. Paul), 1818-1980.
10. Precip. (Weather) of U.S. Cities (i.e. St. Paul), 1738-1980.
11. Precip. (Weather) of Foreign Cities (i.e. Milano), 1764-1980.
12. Precip. (Weather) of Foreign Cities (i.e. Calcutta), 1776-1980.
13. Precip. (Weather) of U.S. and Foreign Cities (i.e. Calcutta), 1743-1960.

Box 20

Folders:

1. Precip. of St. Louis, Mo., St. Paul, Minn.; Charleston, S.C.; Little Rock, Ark.; and Portland, Ore., 1738-1980.
2. Precip. of Cities (includes U.S. & Foreign Cities), 1846-1967.
3. Same as Folder #2, 1831-1969.
4. Precip. (Weather) of U.S. and Foreign Cities (includes St. Louis, Charleston, & Milano), 1738-1974.
5. Precip. (includes all weather) of Cities (U.S. & Foreign), 1832-1977.
6. Same as Folder #5, 1775-1973.
7. Precip. (Weather) of U.S. and Foreign Cities, 1785-1979.
8. Precip. (Weather) of U.S. Cities (i.e. St. Paul), 1851-1980.
9. Precip. (Weather) of U.S. Cities and Foreign Cities (most are Foreign Cities), 1820-1980.
10. U.S. Precip., 1885-1980.
11. Weather Extremes, 1838-1978.
12. Rainfall Records, U.S. Rain: *Behavior Patterns*; Localization and Trends Space and Time Differences, 1892-1932.
13. Trends (Rainfall) - Okla., 1901-1935.
14. Rainfall Greater Plains and Northward - Seasonal Log - Correlations, 1921-1943.

Box 21

Asterisked items include: Misc. Universal Gravity, Tide-Phase, Periodic Table, *Sun Tide Global*, Info. on Planets (Revol.), Global Index, etc...

Folders:

1. Misc. (inclusive)*, 1855-1972.
2. Misc. (inclusive)*, no dates.
3. Misc. (inclusive)*, 1900-1980.
4. Misc. (inclusive)*, includes dates? 1972-1977.
5. Misc. (inclusive)*, 1850-1980.
6. Misc. (inclusive)*, 1855-1980.
7. Misc. (inclusive)*, 1855-1980.
8. Misc. (inclusive)*, 1850-1963.
9. Misc. (inclusive)*, 1764-1963.
10. Misc. (inclusive)*, 1770-1959.
11. Misc. (inclusive)*, 1675-1973.

Box 22

Asterisked items include: Misc. Universal Gravity, Tide-Phase, Periodic Table, *Sun Tide Global*, Info. on Planets (Revol.) Global Index, etc...

Folders:

1. Misc. (inclusive) *, 1738-1955.
2. Misc. (inclusive) *, 1743-1978.
3. Misc. (inclusive) *, 1754-1980.
4. Misc. (inclusive) *, 1854-1980.
5. Misc. (inclusive) *, 1755-1980.
6. Misc. (inclusive) *, 1749-1979.
7. Misc. (inclusive) *, 1751-1964.
8. Misc. (inclusive) *, 1833-1959.
9. Misc. (inclusive) *, 1800-1960.
10. Misc. (inclusive) *, 1744-1961.

Box 23

Asterisked items include: Misc. Universal Gravity, Tide-Phase, Periodic Table, *Sun Tide Global*, Info. on Planets (Revol.) Global Index, etc...

Folders:

1. Misc. (inclusive) *, 1749-1958.
2. Misc. (inclusive) *, 1855-1980.
3. Misc. (inclusive) *, 1855-1980.
4. Misc. (inclusive) *, 1849-1979.
5. *SEG Yearbook*, 1966-1968.
6. *Nubila*, 1958-1964.
7. Publications by the U.S. dept. of Agri., 1923-1943.
8. Agri. Publications from Various Universities, 1920-1944.
9. Technical Papers, 1916-1979.
10. Publications from the Foundation for the Study of Cycles; Riverside, Conn., 1947-1964.
11. Publications from the Foundation for the Study of Cycles; New York, NY 1931-1946.

Box 24

Folders:

1. *Climatological Data*, 1931-1947.
2. *Climatological Data* (including Oklahoma), 1951-1966.
3. *Climatological Data* (including Oklahoma), 1967-1969.
4. *Solar Terrestrial Program: A Five Year Plan*, 1977-1978.
5. Publications from the Canadian Defense Research Board, 1962-1970.
- [Item#6 6. World Weather Records, 1800's-1900's]

Folders:

6. *National Bureau of Economic Research*, 1934-1940.
7. *Earth and Planetary Science Letters*, 1966-1967.
8. Publications of the American Meteorological Society, 1963-1964.
9. Same as Folder #8, 1952-1957.
10. *Economic Geography*, 1953-1954.
11. *Economic Geography*, 1955-1956.

Box 25

Folders:

1. *North Dakotan* and Publications Dealing with, 1945-1955 Cycles, 1946-1957.
2. *Population Bulletin*; Population Reference Bureau, Inc., 1953-1958.
3. *the IGU Newsletter* and Various other, 1953-1956 publications, 1935-1967.
4. Newsletters, Papers, & Publications dealing with Agri., 1921-1944.
5. Final Report of the Weather Bureau-M.I.T. Extended Forecasting Project for the Fiscal Year, July 1, 1946-July 1, 1947, 1946.
6. *Atmospheric Structure and Its Variations in the Region From 25 to 120km*, 1971.

Folders:

5. Publications of Different Cabinet Departments (i.e. Dept. of Agri.), 1929-1961.
6. Monthly Weather Review, 1930-1972.
7. Monthly Weather Review, 1927-1944.
8. Misc. Publications (many dealing with weather), 1937-1980.

Boxes 26-50 contain Computer Cards

- | | |
|--------|---|
| Box 26 | Earth-Moon Barycenter, N.D. |
| Box 27 | Earth-Moon Barycenter, N.D. |
| Box 28 | Earth-Moon Barycenter, N.D. |
| Box 29 | Earth-Moon Barycenter |
| Box 30 | Earth-Moon Barycenter, N.D. |
| Box 31 | Earth-Moon Barycenter, N.D. |
| Box 32 | Earth-Moon Barycenter, N.D. |
| Box 33 | Earth-Moon Barycenter, N.D. |
| Box 34 | Earth-Moon Barycenter, N.D. |
| Box 35 | Earth-Moon Barycenter, N.D. |
| Box 36 | Earth-Moon Barycenter, N.D. |
| Box 37 | Earth-Moon Barycenter and Coord. of Venus 20 Day Val., N.D. |
| Box 38 | Coord. of Venus 20 Day Val., N.D. |
| Box 39 | Coord. of Venus 20 Day Val., N.D. |
| Box 40 | Jupiter, N.D. |
| Box 41 | Jupiter, N.D. |

Box 42	Saturn, N.D.
Box 43	Saturn, N.D.
Box 44	Uranus, N.D.
Box 45	Uranus, N.D.
Box 46	Neptune, N.D.
Box 47	Neptune, N.D.
Box 48	1855-1899, N.D.
Box 49	1900-1939.
Box 50	1940-1980

Box 51:

Folders:

Note: Asterisked items in this box contain: Info and Stats. on Planets and Their Relation to the Weather, Sun Tides, Global Index, etc.....

- 1 Solar (Index) Constants, 1891-1934.
 - 2 Global & Zonal Indices, 1855-1982.
 - 3 Printed Graphs and Maps, 1839-1969.
 - 4 Precip. (Weather) of U.S. States, 1782-1962.
 - 5 Precip. (Weather) of U.S. and Foreign Cities, and Misc. Precip. & Weather, 1738-1969.
 - 6 Precip. (Weather) of U.S. and Foreign Cities, and Misc. Precip. & Weather, 1738-1974.
 - 7 Precip. (Weather) of U.S. and Foreign Cities, and Misc. Precip. & Weather, 1841-1973.
 - 8 Precip. (Weather) of U.S. and Foreign Cities, and Misc. Precip. & Weather, 1855-1969.
 - 9 U.S. Precip. and Nile River Levels, 1866-1971
 - 10 Misc. (inclusive)*, 1860-1977.
 - 11 Misc. (inclusive)*, 1855-1980.
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- 12 Misc. (inclusive)*, 1749-1968.
- 13 Misc. (inclusive)*, 1743-1962.
- 14 Misc. (inclusive)*, 1733-1971.
- 15 Misc. (inclusive)*, 1819-1966.
- 16 Misc. (inclusive)*, 1698-1964.

Box 52:

Folders:

- 1 Gulf Project, 1934-1946.
- 2 OU Gulf-Thermograph Project, US Weather Bureau, S.S. Cayo Mambi, 1934-1939.
- 3 Sea-Water Thermograph Records; New Orleans, LA to Vera Cruz, Mexico, 1939-1941.
- 4 OU Weather Station and U.S. Weather Bureau, 1935-1948.
- 5 Armature and Cycles (mainly on Weather), 1946-1952.
- 6 Cycles in Sunspots, 1755-1948.
- 7 Sun-Tides, 1886-1948.
- 8 Introduction, ca. 1951-1959.
- 9 I. Our Solar System Envir., II. Suntides and Solar, and III. Terrestrial Meteors Reactor-E Variation, ca. 1950-1959.
- 10 IV. Jupiter, Venus, Earth; V. Cycles in Eu. Records; IV Cycles in N.A. Records & S.A.; V. Recurrences with Outer Planets, ca. 1949-1959.
- 11 8. The Asian; 9. Geol. Climate Varies; Africa (?), ca. 1950-1958.
- 12 Bollinger Corres., 1930-1963.
- 13 Reprints and Replies, 1932-1948.
- 14 Handwritten Notes and Papers, 1926-1957.
- 15 Handwritten Notes and Papers, 1928-1966.
- 16 Papers by Bollinger and Typewritten Papers, 1928-1954.
- 17 Papers by Bollinger and Typewritten Papers, 1959-1970.

- 18 Articles, Newspaper Clippings, and Misc., 1936-1977.
- 19 Publications of the Canadian Defense Research Board and other Canadian Publications, 1952-1969.
- 20 U.S. Dept. of Commerce & Agri. Weather Bureau, 1929-1974.
- 21 Technical Papers, 1941-1972.
- 22 Misc. Publications (most dealing with weather, 1937-1971).

Box 53

Monthly Record of Meteorological Observations, 1939-1955
Cargill Crop Bulletin, 1952-1956.

Box 54

Geotimes, News of the Earth Sciences, 1967-1973.
The Southwestern Social Science Quarterly, 1974-1978.
Geophysical Research Letters, 1974-1978.

Box 55

Cycles, 1951-1973
Journal of Cycle Research, 1951-1961
Reviews of Geophysics and Space Physics, 1976-1978.
Southwest Technical Calendar, 1955.
Mineral Industries - College of Mineral Industries, The Pennsylvania State University, 1954-1956.
The Professional Geographer, 1970-1976.
Journal of Geophysical Research, 1961-1963.
Arctic, Journal of the Arctic Institute of North America Geographic Technical Paper Series, Association of American Geographers, 1971-1972.
The New York Academy of Sciences, 1964-1966.
Atmospheric Transport Processes - Part 1: Energy Transfers and Transformations by Elmar R. Reiter, 1969.