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**[Iowa Geological Survey](http://www.iihr.uiowa.edu/igs/)**

| **Aeromagnetic Surveys** | | | | |
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| The results of airborne magnetometer surveys are published in the Aeromagnetic Survey Series. Individual reports within the series include information on location of the surveys, methods, general geology of the areas, geophysical interpretations, and maps. AS-8A through 8C - composite magnetic map of Iowa prepared from aeromagnetic surveys AS-1 through AS-7 with accompanying text, prepared in cooperation with the U.S. Geological Survey. | | | | |
| **Order Code** | **Description** |  |  |  |
| AS-1 | Preliminary interpretation of an aeromagnetic survey of north-central Iowa, J. R. Henderson, W. S. White, and I. Zietz, 1963, 27 p., 5 figs. |  |  |  |
| AS-2 | Preliminary interpretation of an aeromagnetic survey in central and southwestern Iowa., J. R. Henderson, I. Zietz, and W. S. White, 1964, 20 p., 9 figs. |  |  |  |
| AS-3 | Preliminary interpretation report, airborne magnetometer survey of northwestern Iowa, Aero Service Corporation, 1965, 30 p., 5 figs. |  |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=11)** |
| AS-4 | Preliminary interpretation report, airborne magnetometer survey of east-central Iowa, Aero Service Corporation, 1969, 19 p., 3 figs. |  |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=12)** |
| AS-5 | Preliminary interpretation report, airborne magnetometer survey of northeastern Iowa, Aero Service Corporation, 1968, 26 p., 3 figs. |  |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=13)** |
| AS-6 | Preliminary interpretation report, airborne magnetometer survey of southeastern Iowa, Aero Service Corporation, 1970, 19 p., 3 figs. |  |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=14)** |
| AS-7 | Preliminary interpretation report, airborne magnetometer survey of southern Iowa, Lockwood, Kessler, and Bartlett, Inc., 1973, 17 p., 3 figs. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/AS-07.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=15)** |
| AS-8A | Colored map, scale - 1:1,000,000; USGS Map GP-911, Folded. |  |  |  |
| AS-8B | Black line map, scale, 1:1,000,000; USGS Map GP-910, Rolled. |  |  |  |
| AS-8C | Black line map, scale, 1:1,000,000 USGS Map GP-910, Folded. |  |  |  |
| AS-9 | Aeromagnetic map of central Iowa, J. R. Henderson, and J. L Vargo, 1965, scale - 1:316,800; USGS Map GP-476. |  |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=19)** |

| **Annual Reports** | | | | |
| --- | --- | --- | --- | --- |
| The Annual Report series was established in 1892 to publish both administrative reports and results of geological investigations. Reports in the series include information on the geology of Iowa's counties, summary assessments of Iowa's mineral resources (coal, gypsum, sand and gravel, etc.) and summary reports on Iowa's water resources. Annual Reports in this format were issued from 1893 to 1941 when they were discontinued. These reports were the first detailed, systematic reports on Iowa's geo | | | | |
| **Order Code** | **Description** |  |  |  |
| AR-1 | Annual Report, Vol. 1,1893, 472 p., 26 figs., 10 pl. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/AR-1.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=20)** |
| AR-3 | Annual Report, Vol. 3, 1893, 501 p., 34 figs., 37 pl. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/AR-3.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=22)** |
| AR-2 | Annual Report, Vol. 2, 1894, Coal Deposits, C. R. Keyes, 536 p., 222 figs., 1 table, 18 pl. - (superseded by AR-19) | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/AR-2.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=21)** |
| AR-4 | Annual Report, Vol. 4, 1894, 467 p., 54 figs., 11 pl., 6 maps. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/AR-4.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=23)** |
| AR-5 | Annual Report, Vol. 5, 1895, 452 p., 72 figs., 14 pl., 7 maps. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/AR-5.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=25)** |
| AR-6 | Lead, Zinc, Artesian Wells, etc, Vol. 6, 1896, 487 p., 57 figs., 28 pl. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/AR-6.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=27)** |
| AR-7 | Annual Report, Vol. 7, 1896, 555 p., 81 figs., 11 pl., 11 maps. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/AR-7.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=31)** |
| AR-8 | Annual Report, Vol. 8, 1897, 427 p., 13 figs., 32 pl., 6 maps, 1 cross-section. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/AR-8.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=34)** |
| AR-9 | Annual Report, Vol. 9, 1898, 572 p., 56 figs., 13 pl., 8 maps. Only used copies available. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/AR-9.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=38)** |
| AR-10 | Annual Report, Vol. 10, 1899, 666 p., 102 figs., 11 pl., 10 maps. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/AR-10.pdf) |  |  |
| AR-11 | Annual Report, Vol. 11, 1900, 519 p., 43 figs., 12 pl., 9 maps. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/AR-11.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=46)** |
| AR-12 | Annual Report, Vol. 12, 1901, 511 p., 78 figs., 11 pl., 6 maps. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/AR-12.pdf) |  |  |
| AR-13 | Annual Report, Vol. 13, 1902, 446 p., 73 figs., 10 pl., 11 maps. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/AR-13.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=53)** |
| AR-14 | Annual Report, Vol. 14, 1903, 664 p., 132 figs., 38 pl. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/AR-14.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=60)** |
| AR-15 | Annual Report, Vol. 15, 1904, 560 p., 51 figs., 7 pl., 10 maps. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/AR-15.pdf) |  |  |
| AR-16 | Annual Report, Vol. 16, 1905, 673 p., 78 figs., 8 pl., 14 maps. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/AR-16.pdf) |  |  |
| AR-17 | Annual Report, Vol. 17, 1906, 622 p., 44 figs., 62 pl., 1 map. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/AR-17.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=74)** |
| AR-18 | Annual Report, Vol. 18, 1907, 386 p., 41 figs., 16 pl. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/AR-18.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=75)** |
| AR-19 | Annual Report, Vol. 19, 1908, 806 p., 117 figs., 22 pl. Only used copies available. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/AR-19.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=77)** |
| AR-20 | Annual Report, Vol. 20, 1909, 542 p., 42 figs., 42 pl., 10 maps. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/AR-20.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=82)** |
| AR-21 | Annual Report, Vol. 21, 1910 and 1911, 1214 p., 7 figs., 18 pl. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/AR-21.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=90)** |
| AR-22 | Annual Report, Vol. 22, 1912, 908 p. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/AR-22.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=91)** |
| AR-23 | Annual Report, Vol. 23, 1912, 662 p., 142 figs., 75 pl. Only used copies available. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/AR-23.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=92)** |
| AR-24 | Annual Report, Vol. 24, 1913, 792 p., 65 figs., 65 pl. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/AR-24.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=93)** |
| AR-25 | Annual Report, Vol. 25, 1914, 627 p., 53 figs., 72 pl. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/2014-08-27_08-08-19_ar-25.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=97)** |
| AR-26 | Annual Report, Vol. 26, 1915, 456 p., 63 figs., 25 pl. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/AR-26.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=98)** |
| AR-27 | Annual Report, Vol. 27, 1916, 568 p., 92 figs., 12 pl. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/AR-27.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=103)** |
| AR-28 | Annual Report, Vol. 28, 1917-1918, 558 p., 113 figs., 13 pl. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/AR-28.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=111)** |
| AR-29 | Annual Report, Vol. 29, 1919-1920, 568 p., 80 figs., 54 pl. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/AR-29.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=113)** |
| AR-30 | Annual Report, Vol. 30, 1921-1922, 374 p., 16 figs., 6 pl. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/AR-30.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=116)** |
| AR-31 | Annual Report, Vol. 31, 1923-1924, 400 p., 28 figs., 27 pl. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/AR-31.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=117)** |
| AR-32 | Annual Report, Vol. 32, 1925-1926, 557 p., 62 figs., 2 pl., 3 maps. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/AR-32.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=121)** |
| AR-33 | Annual Report, Vol. 33, 1927, p. 447 p., 5 figs., 1 pl., 1 appendix. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/AR-33.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=125)** |
| AR-34 | Annual Report, Vol. 34, 1928, 464 p., 76 figs., 17 pl. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/AR-34.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=127)** |
| AR-35 | Annual Report, Vol. 35, 1929, 548 p., 82 figs., 4 pl. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/AR-35.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=128)** |
| AR-36 | Annual Report, Vol. 36, 1930-1933, 471 p., 34 figs., 4 tables, 39 pl. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/AR-36.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=132)** |
| AR-37 | Annual Report, Vol. 37, 1934-1939, 474 p., 92 figs., 9 pl., 1 map. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/AR-37.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=135)** |
| AR-38 | Annual Report, Vol. 38, 1940-1941, 455 p., 103 figs., 1 table, 8 pl. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/AR-38.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=139)** |
| AR-39 | Annual Report, Vol. 39, 1965, 7 p. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/2015-12-17_14-12-54_ar-39.pdf) |  |  |
| AR-40 | Annual Report, Vol. 40, 1967, 11 p., 3 figs., 3 tables. |  |  |  |
| AR-41 | Annual Report, Vol. 41, 1969, 17 p., 2 figs. |  |  |  |
| AR-42 | Annual Report, Vol. 42, 1971, 17 p., 3 figs., 1 table. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/2015-12-17_14-12-40_ar-42.pdf) |  |  |
| AR-43-44 | Annual Report, Vol. 43-44, 1973, 30 p., 4 figs. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/2015-12-17_14-12-07_ar-43-44.pdf) |  |  |
| AR-45 | Annual Report, Vol. 45, 1974, 28 p., 3 figs., 1 table. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/2015-12-17_14-12-32_ar-45.pdf) |  |  |
| AR-46 | Annual Report, Vol. 46, 1975 38 p., 5 figs. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/2015-12-17_14-12-49_ar-46.pdf) |  |  |
| AR-47 | Annual Report, Vol. 47, 1976, 43 p., 6 figs. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/2015-12-17_15-12-45_ar-47.pdf) |  |  |
| AR-48 | Annual Report, Vol. 48, 1977, 48 p., 6 figs. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/2015-12-17_15-12-25_ar-48.pdf) |  |  |
| AR-49 | Annual Report, Vol. 49, 1978, 56 p., 6 figs. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/2015-12-17_15-12-31_ar-49.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=153)** |
| AR-50 | Annual Report, Vol. 50, 1979, 48 p., 4 figs. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/2015-12-17_15-12-22_ar-50.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=154)** |
| AR-51 | Annual Report, Vol. 51, 1980-1981, 73 p., 2 figs. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/2015-12-17_15-12-08_ar-51.pdf) |  |  |
| AR-52 | Annual Report, Vol. 52, 1982, 66 p., 4 figs., 1 table. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/2015-12-17_15-12-06_ar-52.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=156)** |
| AR-53 | Annual Report, Vol. 53, 1983, 77 p., 5 figs. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/2015-12-17_15-12-48_ar-53.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=157)** |
| AR-54 | Annual Report, Vol. 54, 1984, 37 p., 1 fig. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/2015-12-17_15-12-29_ar-54.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=158)** |
| AR-55 | Annual Report, Vol. 55, 1985, 34 p. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/2015-12-17_15-12-15_ar-55.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=159)** |
| AR-56 | Annual Report, Vol. 56, 1986, 26 p. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/2015-12-17_15-12-45_ar-56.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=160)** |
| AR-57 | Annual Report, Vol. 57, 1987, 46 p. |  |  |  |
| AR-1987 | Annual Report 1987, 46 p. |  |  |  |
| AR-1988 | Annual Report 1988, 10 p. |  |  |  |
| AR-1989 | Annual Report 1989, 13 p. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/2015-12-17_15-12-04_ar-1989.pdf) |  |  |
| AR-1990 | Annual Report 1990, 19 p. |  |  |  |
| AR-1991 | Annual Report 1991, 16 p. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/2015-12-17_15-12-32_ar-1991.pdf) |  |  |
| AR-1992 | Annual Report 1992, 19 p. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/2015-12-17_15-12-07_ar-1992.pdf) |  |  |
| AR-1993 | Annual Report 1993, 16 p. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/2015-12-17_15-12-28_ar-1993.pdf) |  |  |
| AR-1994 | Annual Report 1994, 17 p. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/2015-12-17_15-12-50_ar-1994.pdf) |  |  |
| AR-1995 | Annual Report 1995, 18 p. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/2015-12-17_15-12-09_ar-1995.pdf) |  |  |

| **Base Maps** | | | | |
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| The Iowa Geological Survey maintains a supply of topographic maps and base maps, published by the U.S. Geological Survey, for across-the-counter sales and mail orders. An index will be mailed upon request. | | | | |
| **Order Code** | **Description** |  |  |  |
| BM-1 | Planimetric, scale - 1:100,000, metric |  |  |  |
| BM-2 | Map showing towns, highways, and railroad transportation network, and drainage network; counties are outlined in green; topography is shown with 200' contour interval, scale - 1:500,000. |  |  |  |
| BM-3 | Map showing towns, railroad transportation network, and drainage network, no contours, scale - 1:500,000. |  |  |  |
| BM-4 | Map showing towns, railroad network, and drainage network, black and white, scale - 1:1,000,000. |  |  |  |

| **Bulletins** | | | | |
| --- | --- | --- | --- | --- |
| The Bulletin series is now discontinued. Publications in the Bulletin series were concerned with various aspects of Iowa's natural history and were published between 1901 and 1930. The preservation quality of these volumes varies. | | | | |
| **Order Code** | **Description** |  |  |  |
| B-1 | Grasses of Iowa; includes: Part I: L. H. Pammel, J. B. Weems, and F. Lamson-Scribner, 1901, 525 p., 222 figs., 3 pl. Part II: L. H. Pammel, C. R. Ball, and F. Lamson-Scribner, 1903, 436 p., 270 figs., 1 pl. |  |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=185)** |
| B-2 | A preliminary report on the peat resources of Iowa, T. E. Savage, 1905, p. 5-21, 2 tables, 1 pl., and Report on the tests of Iowa coals made by the government coal testing plant at the Louisiana Purchase Exposition, St. Louis, MO, 1904, T. E. Savage, 1905, p. 22-39, 14 tables. |  |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=186)** |
| B-3 | Supplementary report on portland cement materials in Iowa, S. W. Beyer, 1906, 36 p., 1 fig., 1 map, (superseded by AR-17) |  |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=187)** |
| B-4A | The weed flora of Iowa, L. H. Pammel and others, 1913, 912 p., 570 figs. |  |  |  |
| B-4B | The weed flora of Iowa, L. H. Pammel and others, revised edition, 1926, 715 p., 512 figs. |  |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=189)** |
| B-5 | The rodents of Iowa, D. Stoner, 1918, 172 p., 36 figs. |  |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=190)** |
| B-6 | The raptorial birds of Iowa (hawks, eagles, and owls), B. H. Bailey, 1918, 238 p., 93 figs. |  |  |  |
| B-7 | Honey plants of Iowa, L. H. Pammel and C. M. King, 1930, 1192 p., 570 figs. |  |  |  |

| **Early State Surveys** | | | | |
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| During the mid-1800s the Iowa Legislature authorized two surveys of the geological resources of the state. These were the first geological surveys of Iowa and, although they were reconnaissance studies, they established an initial framework of the state's geology and related it to that of adjacent states. This work has been superseded by subsequent geologic studies, but is useful for historical perspective. The preservation quality of volumes varies. | | | | |
| **Order Code** | **Description** |  |  |  |
| S-1858 | Report on the Geological Survey of the State of Iowa: embracing the results of investigations made during portions of the years 1855, '56, and '57, J. Hall, J. D. Whitney, and A. H. Worthen, 1858, in two parts, 753 p., 118 figs., 32 pl., 1 appendix. (Part I: Geology, p. 1-472.; Part II: Paleontology, p. 474-753.) |  |  |  |
| S-1870A | Report on the Geological Survey of the State of Iowa, to the 13th General Assembly, January, 1870, containing results of examinations and observations made within the years 1866, '67, '68, and '69, C. A. White, O.H. St. John, R. Emery, and T. S. Parvin, 1870, 2 volumes: 1870A: Vol. 1, 391 p., 43 figs., 8 tables, 12 pl., includes: |  |  |  |
| S-1870B | Report on the Geological Survey of the State of Iowa, to the 13th General Assembly, January, 1870, containing results of examinations and observations made within the years 1866, '67, '68, and '69, C. A. White, O.H. St. John, R. Emery, and T. S. Parvin, 1870, 2 volumes: 1870B: Vol. 2, 441 p., 57 figs., 2 tables, 8 pl., 3 appendices; includes: Part I: Geology of western, northwestern, and north-central Iowa, and geology of the coal counties, p. 1-274. Part II: Mineralogy, lithology, and chemistry | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/2015-12-17_15-12-07_s-1870b.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=195)** |

| **Educational Materials** | | | | |
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| The Educational Materials consist of brief, non-technical summaries and maps describing topics of popular geological interest in Iowa. Generally items are limited to one copy per order. | | | | |
| **Order Code** | **Description** |  |  |  |
| EM-GLT | Glacial Landmarks Trail, Iowa's Heritage of Ice, brochure. (Natural areas of interest in the lake district northwest Iowa.) | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/2014-10-30_16-10-15_em-glt.pdf) |  |  |
| EM-1 | Maquoketa Caves, 1 p. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/Em-01.pdf) |  |  |
| EM-2 | Physiography of Iowa, 1 p. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/Em-02.pdf) |  |  |
| EM-3 | Geodes | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/2015-10-16_11-10-14_em-3.pdf) |  |  |
| EM-4 | Fossil collecting areas in Iowa, 2 p. (*see EM-26 for* Fossils of Iowa) | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/Em-04.pdf) |  |  |
| EM-5 | Rocks and minerals of Iowa, 4 p. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/EM-05.pdf) |  |  |
| EM-6 | Rock and mineral collecting areas in Iowa, 4 p. (*see EM-27 for* Minerals of Iowa) | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/2015-12-17_15-12-27_em-6.pdf) |  |  |
| EM-7 | Stratigraphic column of Iowa, 1980, 1 p. (*see EM-20*) | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/2015-12-17_15-12-05_em-7.pdf) |  |  |
| EM-8 | Describing a location by use of government land divisions, 1 p. |  |  |  |
| EM-9 | Shaded drainage map of Iowa, 1 p. (*see EM-32*) |  |  |  |
| EM-10 | Economic geology of Iowa's rock materials, 2 p. (*see Browse area of IGS website - Mineral Resources*) | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/2015-12-17_15-12-45_em-10.pdf) |  |  |
| EM-11 | Relief Map of Iowa, 1 p. (*see EM-22 and EM-33*) |  |  |  |
| EM-12 | Relief Map of Iowa--explanation, 1 p. |  |  |  |
| EM-13 | County outline map, 1 p. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/em-13.pdf) |  |  |
| EM-14 | Quaternary terrain and materials in Iowa, 1 p. |  |  |  |
| EM-15 | Colored bedrock map of Iowa, 1969, 1 p. (*see EM-19*) | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/2015-12-17_15-12-30_em-15.pdf) |  |  |
| EM-16 | Gold in Iowa, 1 p. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/EM-16.pdf) |  |  |
| EM-17 | Devonian Fossil Gorge: A Visitor's Guide to Geologic Features at the Coralville Lake Emergency Spillway, 1 p. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/EM-17.pdf) |  |  |
| EM-18 | A Visitor's Guide to Geologic Features at the Saylorville Lake Emergency Spillway, 1 p. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/EM-18.pdf) |  |  |
| EM-19 | Bedrock Geologic Map of Iowa, 1998, map. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/2016-07-01_09-07-06_bedrockgeologicmap1998a.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=217)** |
| EM-20 | Stratigraphic Column of Iowa, 1998, 1 p. (see EM-40 for Stratigraphic Column of Iowa, 2004) | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/EM-20.pdf) |  |  |
| EM-21 | Bedrock Geologic Map of Iowa, 1998. postcard. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/EM-21.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=219)** |
| EM-22 | Shaded Relief Map of Iowa, 1999, map. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/EM-22.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=220)** |
| EM-23 | Land Cover Map of Iowa, 1999, map. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/EM-23.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=221)** |
| EM-24 | Satellite Image of Iowa, 2000, map. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/EM-24.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=482)** |
| EM-25 | Landform Regions of Iowa, 2000, map. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/2016-06-10_11-06-53_landforms%20of%20iowa%20rev%202.pdf) |  |  |
| EM-26 | Fossils of Iowa, 2001, brochure. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/EM-26.pdf) |  |  |
| EM-27 | Minerals of Iowa, 2001, brochure. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/EM-27.pdf) |  |  |
| EM-28 | Landscape Features of Iowa, 2001, brochure. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/EM-28.pdf) |  |  |
| EM-29 | Geologic Sources of Historic Stone Architecture in Iowa, 2001, brochure. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/EM-29.pdf) |  |  |
| EM-30 | Water forms of Iowa, 2001, brochure. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/EM-30.pdf) |  |  |
| EM-31 | Keokuk Water Works - Its Geological Foundations, 2001, brochure. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/EM-31.pdf) |  |  |
| EM-32 | Rivers and Lakes of Iowa, 2001, map. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/EM-32.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=522)** |
| EM-33 | Topographic Relief of Iowa, 2001, map. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/EM-33.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=523)** |
| EM-34 | Dinosaurs in Iowa, 2002, brochure. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/EM-34.pdf) |  |  |
| EM-35 | Meteors that struck Iowa, 2002, brochure. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/EM-35.pdf) |  |  |
| EM-36 | Uses of Geologic Materials by Prehistoric Cultures, 2002, brochure. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/EM-36.pdf) |  |  |
| EM-37 | Bedrock Aquifers of Iowa, 2004, map. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/Em-37.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=571)** |
| EM-38 | Alluvial Aquifers of Iowa, 2004, map. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/Em-38.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=572)** |
| EM-39 | Buried-Valley Aquifers of Iowa, 2004, map. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/Em-39.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=573)** |
| EM-40 | Stratigraphic Column of Iowa, 2004, 1 p. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/Em-40.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=574)** |
| EM-41 | Caves in Iowa, 2005, brochure. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/EM-41.pdf) |  |  |
| EM-42 | Devonian Fossil Gorge, 2010, brochure. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/EM-42.pdf) |  |  |
| EM-43 | Geode: Iowa's State Rock, brochure. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/2015-10-16_11-10-17_em-43.pdf) |  |  |

| **Educational Series** | | | | |
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| The Educational Series consists of non-technical publications describing Iowa's minerals, rocks, fossils, and landscapes. | | | | |
| **Order Code** | **Description** |  |  |  |
| ES-1 | Fossils and rocks of eastern Iowa, J. N. Rose, 1967, 147 p., 63 figs., 20 pl. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/2015-12-17_15-12-29_es-1.pdf) |  |  |
| ES-2 | The minerals of Iowa, P. J. Horick, 1974, 88 p., 9 figs., 15 pl. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/ES-02.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=197)** |
| ES-3 | A regional guide to Iowa landforms, J. C. Prior, 1976, 71 p., 70 figs., 2 appendices. (*see ES-4 for* Landforms of Iowa) | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/2015-12-17_15-12-01_es-3.pdf) |  |  |
| ES-4 | Landforms of Iowa, J. C. Prior, 1991, 154 p., 46 color photos, 25 color maps, published by University of Iowa Press. |  |  |  |
| ES-5 | IOWA - Portrait of the Land, 2000, 92 p. -- This 92-page full-color book was released by the Iowa Department of Natural Resources on Earth Day, April 22, 2000. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/ES-05.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=487)** |
| ES-6 | Iowa's Groundwater Basics - A geological guide to the occurrence, use, & vulnerability of Iowa's aquifers, J.C. Prior, J.L. Boekoff, M.R. Howes, R.D. Libra, and P.E. VanDorpe, 2003, 83 p. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/2014-08-24_08-08-21_es-06.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=562)** |

| **Geological Society of Iowa Guidebook Series** | | | | |
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| The Geological Society of Iowa Guidebook Series includes guidebooks for field trips sponsored by the Iowa Geological and Water Survey or the Geological Society of Iowa. | | | | |
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| GSI-016 | Volume Two - Guidebooks 16-24 - not Survey publications | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/GSI-016.pdf) |  |  |
| GSI-025 | Revision of Galena stratigraphy, 1972, Gerk, A.J. and Levorson, C.O., 11 p. - Not a Survey publication - | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/GSI-025.pdf) |  |  |
| GSI-026 | The general geology of Black Hawk County and adjacent areas, 1972, Anderson, W.I., 56 p. - Not a Survey publication - | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/GSI-026.pdf) |  |  |
| GSI-027 | Karst topography along the Silurian escarpment in southern Clayton County, Iowa, 1975, Prior, J.C., Grant, S.C., Kress, G., Palmquist, R.C., 13 p. - Not a Survey publication | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/GSI-027.pdf) |  |  |
| GSI-028 | Geologic points of interest in the Fort Dodge area, 1976, 12 p. - Not a Survey publication - | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/GSI-028.pdf) |  |  |
| GSI-029 | Guidebooks, Numbers 29 and 30 - Not Survey publications - | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/GSI-029.pdf) |  |  |
| GSI-032 | Field trip guidebook to the Cambrian stratigraphy of Allamakee County, Anderson, R., McKay, R.M., Witzke, B.J., 11 p. - Not a Survey publication - | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/GSI-032.pdf) |  |  |
| GSI-033 | Field guide to Upper Pennsylvanian cyclothems in south-central Iowa: a field trip along the Middle River Traverse, Madison County, Iowa, 1980, Heckel, P.H., 26 p. - Not a Survey publication - | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/GSI-033.pdf) |  |  |
| GSI-034 | Geomorphic history of the Little Sioux River valley, 1980, Hoyer, B.E., 94 p. - Not a Survey publication - | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/GSI-034.pdf) |  |  |
| GSI-035 | Silurian stratigraphy of eastern Linn and western Jones counties, Iowa, 1981, Witzke, B.J., 38 p. - Not a Survey publication - | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/GSI-035.pdf) |  |  |
| GSI-036 | Glacial sedimentation and the Algona moraine in Iowa, 1981, Kemmis, T.J., 45 p. - Not a Survey publication - | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/GSI-036.pdf) |  |  |
| GSI-037 | Mississippian biofacies-lithofacies trends, north central Iowa: a new look at an old attraction, 1982, Glenister, B.F. and Sixt, S.C., 21 p. - Not a Survey publication - | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/GSI-037.pdf) |  |  |
| GSI-038 | Cretaceous stratigraphy and depositional systems in Guthrie County, Iowa: with comments on the Pennsylvanian sequence, 1982, Witzke, B.J. and Ludvigson, G.A., 46 p. - Not a Survey publication - | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/GSI-038.pdf) |  |  |
| GSI-039 | New stratigraphic interpretations of the Middle Devonian rocks of Winneshiek and Fayette counties, northeastern Iowa, 1983, Bunker, B., Klapper, G., Witzke, B., 38 p. - Not a Survey publication - | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/GSI-039.pdf) |  |  |
| GSI-040 | Karstification on the Silurian escarpment in Fayette County, northeastern Iowa, 1983, Bounk, M.J., 27 p. - Not a Survey publication - | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/GSI-040.pdf) |  |  |
| GSI-041 | Underburden - overburden: an examination of Paleozoic and Quaternary strata at the Conklin Quarry near Iowa City, 1984, Bunker, B.J. and Hallberg, G.R., 81 p. - Not a Survey publication - | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/GSI-041.pdf) |  |  |
| GSI-042 | The Cedar Valley Formation -Devonian-, Black Hawk and Buchanan counties: carbonate facies and mineralization, 1984, Anderson, W.I. and Garvin, P.L., 47 p. - Not a Survey publication - | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/GSI-042.pdf) |  |  |
| GSI-043 | After the great flood: exposures in the emergency spillway, Saylorville Dam, 1985, Bettis, E.A., III, Kemmis, T.J., Witzke, B.J., 81 p. - Not a Survey publication - | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/GSI-043.pdf) |  |  |
| GSI-044 | Upper Cedar Valley stratigraphy: North-central Iowa, Lithograph City Formation, 1986, Bunker, B.J., Witzke, B.J., Day, J., 41 p. - Not a Survey Publication - | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/GSI-044.pdf) |  |  |
| GSI-045 | Water quality and the Galena Group in the Big Spring area, Clayton County, 1986, Hoyer, B.E., Bettis, E.A., III, Witzke, B.J., 34 p. - Not a Survey publication - | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/GSI-045.pdf) |  |  |
| GSI-046 | Early tetrapods, stratigraphy and paleoenvironments of the Upper St. Louis Formation, western Keokuk County, Iowa, 1987, McKay, R.M., Witzke, B.J., McAdams, M.P., and, Schabillion, J.T., Bettis, E.A., Woodson, F.J., 74 p. - Not a Survey publication - | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/GSI-046.pdf) |  |  |
| GSI-047 | Mississippian carbonates of the Le Grand area: ancient analogs of the Bahama Banks, 1987, Glenister, B.F., 37 p. - Not a Survey publication - | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/GSI-047.pdf) |  |  |
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| IG-26 | Iowa Geology, Number 26, 2001, 28 p., 26 photos and illustrations. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/2015-03-07_08-03-12_ig-26.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=524)** |

| **Maps** | | | | |
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| The Iowa Geological Survey distributes a variety of maps for earth resource applications. Maps M-1 through M-8 have not been listed because they are out-of-date and unavailable on a loan basis, and/or superseded by another publication. | | | | |
| **Order Code** | **Description** |  |  |  |
| M-9 | Geological map of Iowa showing the indurated rocks exposed or immediately beneath the glacial deposits, scale - 1:500,000, H. G. Hershey, 1969, 30 color patterns. |  |  |  |
| M-10 | Color post card map of the bedrock geology of Iowa, 1969. |  |  |  |
| M-11 | Mineral resources map of Iowa, scale 1;500,000, F. H. Dorheim, 1970. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/M-11.pdf) |  |  |
| M-12A | Relief map of Iowa, black and white, G. R. Hallberg and R. R. Anderson, 1975 |  |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=272)** |
| M-12B | Relief map of Iowa, black and white, G. R. Hallberg and R. R. Anderson, 1975 |  |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=273)** |
| M-13 | Hydrologic Unit Map - 1981, State of Iowa, prepared in cooperation with the U.S. Water Resources Council, published by the U.S. Geological Survey, 1982, as Hydrologic Unit Map - 1981, scale - 1:500,000. |  |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=274)** |
| M-14 | Precambrian Basement Map of the Northern Midcontinent, USA, 1990, prepared in Cooperation with the U.S. Geological Survey. USGS Map I-1853-A. Scale - 1:1,000,000. |  |  |  |
| M-15 | Quaternary geologic map of the Des Moines 4o x 6o Quadrangle, United States, 1991, prepared in Cooperation with the U.S. Geological Survey, USGS Map I-1420 (NK-15). Scale - 1:1,000,000. |  |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=276)** |
| M-16 | Groundwater Vulnerability Regions of Iowa, B. E. Hoyer and G. R. Hallberg, 1991, scale - 1:500,000. Iowa Geological Survey Bureau Special Map Series II. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/M-16.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=277)** |
| M-17 | Lithologic Cross Sections of Phanerozoic Rocks in the Northern Midcontinent, USA. Compiled by D. N. Mugel and W. P. Pratt. 1:100,000. USGS Map MF-1835-G. |  |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=278)** |
| M-18 | Radiometric Ages of Basement Rocks in the Northern Midcontinent, USA. Compiled by R. F. Marvin. 1:100,000. USGS Map MF-1835-C. |  |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=279)** |
| M-19 | Topographic map of the Platte River 4o x 6o Quadrangle, USGS Map NK-14, 1959. |  |  |  |
| M-20 | Map Showing Distribution of Alkaline Igneous Rocks and Associated Carbonatites and Peridotites in the Northern Midcontinent, USA, 1991. USGS Map MF-1835-F. |  |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=281)** |
| M-21 | Topographic map of the Des Moines 4o x 6o Quadrangle, USGS Map NK-15, 1970. |  |  |  |
| M-22 | Bedrock Geologic Map of Iowa, 2010, B. J. Witzke, R. R. Anderson, and J. P. Pope, scale - 1:500,000. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/M-22.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=745)** |

| **Miscellaneous Map Series** | | | | |
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| The Miscellaneous Map series includes maps covering specific aspects of Iowa geology. Some maps in the series include explanatory texts. | | | | |
| **Order Code** | **Description** |  |  |  |
| MMS-1 | The Maquoketa Formation (Upper Ordovician) in Iowa, 6 black and white sheets with text, M. C. Parker, 1971. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/MMS-01.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=282)** |
| MMS-2 | Environmental geology and land-use planning in the Sioux City region, Iowa, F. H. Dorheim, D. L. Koch, and S. J. Tuthill, 1971, 53 p., 51 maps. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/2015-12-17_15-12-21_mms-2.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=283)** |
| MMS-3 | Mississippian aquifer of Iowa, 3 color sheets with text, P. J. Horick and W. L. Steinhilber, 1973. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/2014-08-26_11-08-45_mms-03.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=284)** |
| MMS-4 | Resource development, land- and water-use management, eleven-county region, south-central Iowa, B. E. Hoyer, R. R. Anderson, J. V. Taranik, R. I. Cooper, and G. R. Hallberg, 1973, 35 p., 37 figs., 9 tables. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/2015-12-17_15-12-44_mms-4.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=285)** |
| MMS-5 | Land-use in Iowa, color, scale - 1:500,000, R. R. Anderson, M. P. McAdams, and B. E. Hoyer, 1976 | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/2015-12-17_15-12-58_mms-5.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=286)** |
| MMS-6 | Jordan aquifer of Iowa, 3 color sheets with text, P. J. Horick, 1978. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/mms-06.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=287)** |
| MMS-7 | Bouguer Gravity Anomaly Map, black and white, scale - 1:1,000,000, R. R. Anderson, 1981. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/2014-12-08_13-12-45_mms-07.pdf) |  |  |
| MMS-9 | Estimated water use in Iowa, 1 color sheet with text, R. C. Buckmiller and R. A. Karsten, 1983. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/2015-12-17_15-12-43_mms-9.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=289)** |
| MMS-10 | Silurian-Devonian aquifer of Iowa, 4 color sheets with text, P. J. Horick, 1984. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/mms-10.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=290)** |
| MMS-11-1 | Geology of the Lower Dakota Aquifer of Iowa, 1 color sheet (sheet 1 of 4) with text, R.D. Rowden, 2009. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/MMS-11-1.pdf) |  |  |
| MMS-11-2 | Hydrology of the Lower Dakota Aquifer of Iowa, 1 color sheet (sheet 2 of 4) with text, R.D. Rowden, 2009. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/MMS-11-2.pdf) |  |  |
| MMS-11-3 | Water Quality of the Dakota Aquifer of Iowa, 2 color sheets (sheets 3 and 4 of 4) with text, R.D. Rowden, 2009. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/MMS-11-3.pdf) |  |  |

| **Miscellaneous Publications** | | | | |
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| Miscellaneous Publications include research reports that have not been published as part of other IGS publication series. Some of the reports are research results from contract studies with other state and federal agencies. Other reports are reprints of articles published elsewhere. | | | | |
| **Order Code** | **Description** |  |  |  |
| MP-1 | A description of the region about Camp Dodge, J. H. Lees, 1918, 61 p., 22 figs., 1 map. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/2015-12-17_15-12-24_mp-1.pdf) |  |  |
| MP-2 | Sketch of the geology of Iowa, G. F. Kay, J. H. Lees, about 1920, 8 p. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/2015-12-17_15-12-54_mp-2.pdf) |  |  |
| MP-3 | The Pleistocene geology of Iowa, includes:   Part 1 - the Pre-Illinoian Pleistocene geology of Iowa, G. F. Kay and E. T. Apfel, 304 p. Reprinted from AR-34.   Part 2 - the Illinoian and post-Illinoian Pleistocene geology of Iowa, G. F. Kay and J. B. Graham, 262 p. Reprinted from AR-38. |  |  |  |
| MP-4 | Highway construction materials from the consolidated rocks of southwestern Iowa, H. G. Hershey, C. N. Brown, O. J. Van Eck, and R. C. Northup, 1960, Iowa Highway Research Board Bulletin No. 15, 151 p., 28 figs. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/2015-07-29_11-07-17_mp-4.pdf) |  |  |
| MP-5 | Bibliography of the geology of Iowa, 1960-1964, P. J. Horick, J. C. Prior, and E. E. Hinman, 1967, 49 p. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/2015-12-17_15-12-15_mp-5.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=295)** |
| MP-6 | Water resources of Iowa, P. J. Horick. [*Available from the Iowa Academy of Science, Univ. of Northern Iowa, P.O. Box 868, Cedar Falls, IA 50613.*] |  |  |  |
| MP-7 | Aerial flood mapping in southwestern Iowa: A preliminary report, B. E. Hoyer and J. V. Taranik, 1972, 12 p., 2 figs., 1 table. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/2015-12-17_15-12-36_mp-7.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=297)** |
| MP-8 | Flood inundation mapping in southwestern Iowa: a preliminary report, G. R. Hallberg and B. E. Hoyer, 1973, 15 p., 1 fig., 4 tables, 1 pl. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/2015-12-17_15-12-08_mp-8.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=298)** |
| MP-9 | Report on Cold Water Cave, D. L. Koch and J. C. Case, 1974, 80 p., 16 figs., 9 tables, 13 appendices. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/2015-12-17_15-12-33_mp-9.pdf) |  |  |
| MP-10 | Strippable coal reserve study in selected Iowa counties, P. L. Garvin, N. Sammis, D. Berchenbriter, and O. J. Van Eck, 1975, 19 p., 1 fig., 2 tables. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/MP-10.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=300)** |
| MP-11 | Strippable coal reserve study in seven Iowa counties, O. J. Van Eck and P. L. Garvin, 1976, 27 p., 1 fig., 3 tables. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/MP-11.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=301)** |
| MP-12 | Sphalerite in coals from southwestern Iowa, Missouri, and southeastern Kansas, USGS Open-File Report 76-796, J. R. Hatch, M. J. Avcin, Jr., W. K. Wedge, and L. L. Brady, 1976, 26 p., 7 figs., 5 tables. |  |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=302)** |
| MP-13 | State and Federal restrictions on dredge soil placement in the Upper Mississippi River area: a report for the Dredged material Uses Work Groups, Great River Environmental Action Team, S. M. Stewart, 1978, 93 p. |  |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=303)** |
| MP-14 | The Mississippian and Pennsylvanian (Carboniferous) Systems in the United States - Iowa, M. J. Avcin Jr. and D. L. Koch, 1979, USGS Professional Paper 1110-M, p. M-1 to M-13, 6 figs. |  |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=304)** |
| MP-15 | Status of hydrogeologic studies in northwest Iowa, G. A. Ludvigson and B. J. Bunker, 1979, 37 p., 10 figs., 1 table. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/MP-15.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=305)** |
| MP-16 | Iowa's Mineral Heritage, S. C. Grant, 1979, 15 p., 7 figs., 1 table. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/MP-16.pdf) |  |  |
| MP-17 | Coal Resource Program Report, 1979, 13 p., 9 figs. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/MP-17.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=307)** |
| MP-18 | Review of geotechnical investigations of loess in North America, A. J. Lutenegger, G. R. Hallberg, and R. L. Handy, 1979, 15 p., 1 fig. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/2015-12-17_15-12-18_mp-18.pdf) |  |  |
| MP-19 | A case study for utilizing pedogenic and geologic stratigraphy to reduce sampling and testing variability for highway soils investigations, N. C. Wollenhaupt and G. R. Hallberg, 1979, 19 p., 6 figs., 2 tables. Reprinted from 30th Annual Highway Geological Symposium, Portland, Oregon, p. 309-327. |  |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=309)** |
| MP-20 | Geotechnical implications of till sedimentation and stratigraphy in the Midwest, T. J. Kemmis, G. R. Hallberg, and A. J. Lutenegger, 1979, 26 p., 16 figs. Outline of paper presented at Assoc. of Engineering Geologists National Meeting. |  |  |  |
| MP-21 | A Bibliography of Pennsylvanian Geology and Coal in Iowa, P. E. Van Dorpe, 1980, 125 p. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/MP-21.pdf) |  |  |
| MP-22 | Locations of Sites for Hazardous Waste Repositories in Iowa. Phase 1: Geological Reconnaissance Mapping Progress Report 1, R. R. Anderson, 1980, 19 p., 7 figs., 2 tables. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/MP-22.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=312)** |
| MP-23 | Evaluation of the Extent of Hazardous Waste Contamination in the Charles City Area, J. A. Munter, 1980, 74 p., 23 figs., 2 tables, 1 appendix. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/MP-23.pdf) |  |  |
| MP-24 | Gypsum resources, Ft. Dodge area, F. H. Dorheim, 1980, 12 p., 3 figs., 3 tables, 1 map. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/MP-24.pdf) |  |  |
| MP-25 | Distributed parameter watershed sedimentation model, P. M. Witinok and G. Whelan, 1980. Reprinted from proceedings of the Iowa Academy of Science, v. 87, no. 3, p. 103-111, 7 figs. |  |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=315)** |
| MP-26 | Geologic interpretations from geophysical models of the Midcontinent Geophysical Anomaly in southwest Iowa, R. R. Anderson and R. A. Black. Reprinted from Regional Tectonics and Seismicity of southwestern Iowa, NUREG/CR-2548, 1981, p. 27-41, 9 figs. |  |  |  |
| MP-27 | Phanerozoic structural development in the area of the Forest City Basin, southwestern Iowa (a brief overview), B. J. Bunker. Reprinted from Regional Tectonics and Seismicity of southwestern Iowa, NUREG/CR-2548, 1981, p. 42-61, 12 figs. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/MP-27.pdf) |  |  |
| MP-28 | Glaciation, J. C. Prior, R. G. Baker, G. R. Hallberg, and H. A. Semken, 1982. Reprinted from Iowa's Natural Heritage, 18 p., 19 figs. |  |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=318)** |
| MP-29 | Regional tectonics and seismicity of southwestern Iowa, final report: 1978-1982, O. J Van Eck, R. R. Anderson, C. L. Cumerlato, T. H. Faller, and J. D. Logel, 1982, 62 p., 26 figs., 4 tables, 4 appendices. Issued for the U.S. Nuclear Regulatory Commission as NUREG/CR-3021. |  |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=319)** |
| MP-30 | Summary of oil and gas tests in Iowa. Lists pertinent information on location, depths, formation tops, owners, operators, and availability of geophysical logs. Computer printout of information to date. Includes index map. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/2015-12-17_15-12-48_mp-30.pdf) |  |  |
| MP-31 | Summary stratigraphic data for oil and gas test wells in Iowa. Computer printout of stratigraphic information on test wells to date: location, unit elevation, thickness, and lithology. Includes index map. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/2015-12-17_15-12-08_mp-31.pdf) |  |  |
| MP-32 | Drought in Iowa, the pattern, frequency, intensity, P. J. Waite, J. M. Harbaugh, and M. R. Klugman, 1979, 78 p., 28 figs. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/MP-32.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=322)** |
| MP-33 | The economic potential of the Spergen Formation in seven southeastern Iowa counties, B. L. Milne in cooperation with the Iowa Geological Survey, 1978, p. 41, 10 figs., 2 appendices. |  |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=323)** |
| MP-34 | Big Spring: Anatomy of Environmental Cooperation, W. Mueller, 1994, 100 p. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/2015-12-17_15-12-27_mp-34.pdf) |  |  |
| MP-35 | The Deforest Formation of western Iowa: lithologic properties, stratigraphy, and chronology, E. A. Bettis III, 1990, 96 p. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/2015-07-15_10-07-26_the%20deforest%20formation%20of%20western%20iowa.pdf) |  |  |
| MP-36 | Aquitard Hydrology Project: Ames research site completion report 1988-1992, R. S. Kanwar, J. L. Baker, R. Horton, L. Jones, R. L. Handy, W. W. Simpkins, and A. Lutenegger, 1993, 621 p. |  |  |  |
| MP-37 | The Manson Impact Structure, Iowa: anatomy of an impact crater, Geological Society of America Special Paper 302, edited by C. Koeberl and R. R. Anderson, 1996, 468 p. |  |  |  |
| MP-38 | Water Well Construction, A Consumer Information Booklet, 1993, 31 p. *Superceded by* Non-Public Water Wells and Water Systems: A Consumer Information Booklet, 2005, 30 p. This is available from the Iowa Department of Natural Resources, Wallace State Office Building, 900 East Grand Avenue, Des Moines IA 50319-0034 (515) 281-5145. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/MP-38.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=328)** |
| MP-39 | Sixth National NonPoint-Source Monitoring Workshop |  |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=329)** |
| MP-40 | Phanerozoic History of the Central Midcontinent United States, B. J. Bunker, B. J. Witzke, W. L. Watney, and G. A. Ludvigson, n. d., 55 p., 15 figs., 1 map | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/MP-40.pdf) |  |  |
| MP-41 | East Okoboji Lakefront Technicial Assessment, Quade, D. J., and Vogelgesang, J. A., 2011, 11 p., 7 figs. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/MP-41.pdf) |  |  |
| MP-42 | Geological and Geophysical Field Investigation, Deer Creek Lake, Plymouth County, Iowa, Vogelgesang, J. A., and Clark, R. J., 2012, 21 p., 11 figs., 4 appendicies. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/MP-42.pdf) |  |  |
| MP-43 | Report on the Examination of the Peterson 1 and Hummell 4 Cores, Klug, C. R., 1981, 27 p. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/MP-43.pdf) |  |  |
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| TIS-41 | Groundwater and Surface-Water Monitoring in the Bugenhagen Sub-Basin 1986-1995: A Summary Review, R. D. Rowden, R. D. Libra, and H. Liu, 2000, 150 p., 32 figs., 46 tables. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/TIS-41.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=479)** |
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| TIS-45 | Sny Magill Nonpoint Source Pollution Monitoring Project, Clayton County, Iowa: Water Years 1995 - 1998, 2001, R. J. Langel, L. S. Seigley, T. F. Wilton, J. E. May, M. D. Schueller, M. W. Birmingham, G. Wunder, V. Polton, J. Tisl, and E. Palas, 186 p., 26 figs., 38 tables, 8 appendices. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/TIS-45.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=489)** |
| TIS-46 | Reports on the Walnut Creek Watershed Monitoring Project, Jasper County, Iowa, Water Years 1995-2000, K. E. Schilling, J. L. Boekhoff, T. Hubbard, and J. Luzier, 2002, 75 p., 2 figs., 6 tables. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/Tis-46.pdf) |  |  |
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| TIS-48 | Sny Magill Nonpoint Source Pollution Monitoring Project: Final Report, 2005, Fields, C.L., Liu, H., Langel, R.J., Seigley, L.S., Wilton, T.F., Nalley, G.M., Schueller, M.D., Birmingham, M.W., Wunder, G., Polton, V., Sterner, V., Tisl, J., and Palas, E., 39 p., 35 figs., 8 tables, printed in color. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/Tis-48.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=597)** |
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| TIS-54 | Geologic Mapping For Water Quality Projects in the Upper Iowa River Watershed, Wolter, C.F., McKay, R.M., Liu, H., Bounk, M.J., and Libra, R.D., 2011, 15 figs., 1 table, 34 p. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/TIS-54.pdf) |  |  |
| TIS-55 | The Cedar Falls Groundwater Investigation, Fields, C.L., Iqbal, M.Z., Davis, C.A., Pals, D.W., Vogelgesang J.A., 2012, 11 figs., 1 table, 48 p. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/TIS-55.pdf) |  |  |
| TIS-56 | Jefferson Groundwater Investigation, Vogelgesang, J.A., Gannon, J.M., Fields, C.L., 2013, 8 figs., 1 table, 2 appendices, 44 p. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/2016-01-20_10-01-03_tis-56.pdf) |  |  |
| TIS-57 | 2013 Survey of Iowa Groundwater and Evaluation of Public Well Vulnerability Classifications from Contaminants of Emerging Concern, Hruby, C. E, Libra, R. D., Fields, C. L., Kolpin, D. W., Hubbard, L. E., Borchardt, M. R., Spencer, S. K., Wichman, M. D., Hall, N., Schueller, M. D., Furlong, E. T., and Weyer, P. J., 2015, 18 figs., 11 tables, 3 appendices, 107 p. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/2015-06-23_11-06-38_tis-57.pdf) |  |  |

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| TP-1 | Analyses of Iowa coals, 1929, 19 p., 2 figs., 6 tables, 1 pl., (superseded by TP-3). | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/tp-01.pdf) |  |  |
| TP-2 | Studies of Iowa coals, 1930, 63 p., 35 figs., 11 tables, 1 pl. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/TP-02.pdf) |  |  |
| TP-3 | Iowa coal studies, H. L. Olin and others, 1936, 80 p., 34 figs., 18 tables. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/2014-10-23_09-10-17_tp-3.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=449)** |
| TP-4 | Coal resources of Iowa, O. J. Van Eck, 1965, 141 p., 5 figs., 17 tables, 1 pl. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/2014-10-23_09-10-30_tp-4.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=450)** |
| TP-5 | Element geochemistry of Cherokee Group coals from south-central and southeast Iowa, J. R. Hatch, M. J. Avcin Jr., and P. E. Van Dorpe, 1984, 108 p., 11 figs, 24 tables. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/2014-10-23_09-10-39_tp-5.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=451)** |
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| TP-8 | Abandoned underground coal mines of Des Moines, Iowa and vicinity, M. R. Howes, M. C. Culp, and H. Greenburg, 1989, 92 p., 8 figs., 1 table, 1 pl., 5 appendices. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/Tp-08.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=454)** |

| **USGS Cooperative Maps & Publications** | | | | |
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| The United States Geological Survey (USGS) has produced maps and publications in cooperation with the Iowa Geological Survey. More information on these publications can be accessed from the USGS (http://pubs.er.usgs.gov/). | | | | |
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| I-717 | Bedrock topography of east-central Iowa, R. E. Hansen, 1972, 2 sheets, folded. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/2014-10-27_19-10-36_usgs_i-717_scrn.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=175)** |
| I-763 | Bedrock topography of south-central Iowa, J. W. Cagle, 1973, 1 sheet, folded. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/2014-10-27_19-10-46_usgs_i-763_scrn.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=176)** |
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| I-1609 | Bedrock topography of central Iowa, R. E. Hansen, 1985, 2 sheets, folded. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/2014-10-27_19-10-30_usgs_i-1609_scrn.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=180)** |
| USGS OFR84 | Ground-Water Data for the Alluvial Buried Channel, Basal Pleistocene and Dakota Aquifer in West-Central, Iowa, P. K. B. Hunt and D. L. Runkle, 1985, USGS Open-File Report 84-819, 168 p. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/OFR-1984-819.pdf) |  |  |
| USGS OFR86 | Hydrology of the Alluvial, Buried Channel, Basal Pleistocene and Dakota Aquifers in West-Central Iowa, D. L. Runkle, 1986, USGS Open-File Report 85-4239, 111 p. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/2014-10-27_19-10-36_usgs_85-4239.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=488)** |
| I-1688 | Bedrock topography of west-central Iowa, R. E. Hansen and D. L. Runkle, 1986, 2 sheets, folded. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/2014-10-27_19-10-01_usgs_i-1688_scrn.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=181)** |
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| USGS WRIR | Availability and Quality of Water From the Alluvial Glacial-Drift, and Dakota Aquifers and Water Use in Southwest Iowa, R. E. Hanson, C. A. Thompson, and P. E. Van Dorpe, 1992, USGS Water-Resources Investigation Report 91-4156, 187 p. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/2014-10-27_19-10-03_usgs_91-4156.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=463)** |
| USGS OFR04 | Quality of ground water used for selected muncipal water supplies in Iowa, 1997-2002 water years, G.R. Littin, 2004, USGS Open-File Report 2004-1048, 36 p. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/2014-08-26_13-08-33_ofr-2004-1048.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=575)** |

| **Water Atlases** | | | | |
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| The Iowa Geological Survey Water Atlases are prepared in cooperation with the U.S. Geological Survey. Each regional atlas covers several counties and contains a variety of water-resource information, including geologic and hydrologic aspects of surface-water and groundwater resources, water levels, well yields, water quality, water use and withdrawals, and water-resource laws and regulation. | | | | |
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| WA-2 | Availability of groundwater in Decatur County, Iowa, J. W. Cagle and W. L. Steinhilber, 1967, 28 p., 9 figs., 4 tables. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/WA-02.pdf) |  |  |
| WA-3 | Availability of groundwater in Wayne County, Iowa, J. W. Cagle, 1969, 33 p., 10 figs., 6 tables. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/WA-03.pdf) |  |  |
| WA-4 | Water resources of southeast Iowa, R. W. Coble and J. V. Roberts, 1971, 101 p., 65 figs., 22 tables. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/WA-04.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=458)** |
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| WA-6 | Water resources of east-central Iowa, K. D. Wahl, G. A. Ludvigson, G. L. Ryan, and W. C. Steinkempf, 1978, 91 p., 66 figs., 12 tables. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/WA-06.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=460)** |
| WA-7 | Water resources of north-central Iowa, R. Buchmiller, G. Gaillot, and P. J. Soenksen, 1985, 93 p., 61 figs., 12 tables. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/WA-07.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=461)** |
| WA-8 | Water resources of northeast Iowa, P. J. Horick, 1989, 133 p., 69 figs., 9 tables. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/WA-08.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=462)** |

| **Water Resources Investigation Report** | | | | |
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| WRI-1B | Groundwater Resource Evaluation of the Lower Dakota Aquifer in Northwest Iowa, R. Rowden, 2008, 27 p., 17 figs. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/WRI-1b.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=698)** |
| WRI-1C | Groundwater Quality Evaluation of the Dakota Aquifer in Northwest Iowa, R. Rowden, 2008, 47 p., 21 figs., 1 table. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/WRI-1c.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=699)** |
| WRI-2A | Groundwater Availability Modeling of the Cambrian-Ordovician Aquifer in Iowa, J. M. Gannon, R. Langel, B. Bunker, M. Howes, 2009, 160 p., 50 figs., 6 tables. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/WRI-2A.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=713)** |
| WRI-3 | Groundwater Availability Modeling of the West Nishnabotna Aquifer in Iowa, J. M. Gannon, R. Langel, 2010, 180 p., 41 figs., 7 tables. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/WRI-3.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=743)** |
| WRI-4 | Groundwater Availability Modeling - Des Moines River Aquifer, Palo Alto and Emmet Counties, Iowa, J.M. Gannon, 2011, 41 p., 18 figs., 8 tables. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/WRI-4.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=759)** |
| WRI-5 | Groundwater Availability Modeling of the Silurian Aquifer in East-Central Iowa, J.M. Gannon, B.J. Witzke, R.J. Langel, 2011, 187 p., 21 figs., 4 tables. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/WRI-5.pdf) |  | **[Request](https://www.iihr.uiowa.edu/igs/publications/request?i=771)** |
| WRI-6 | Aquifer Characterization and Drought Assessment, Floyd River Alluvial Aquifer, J.M. Gannon, 29 p., 12 figs., 7 tables. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/WRI-6.pdf) |  |  |
| WRI-7 | Groundwater Availability Modeling Under Drought Conditions, Lower Racoon River Aquifer, Dallas and Polk Counties, Iowa, Drought Assessment, J.M. Gannon, 53 p., 19 figs., 13 tables. | [https://www.iihr.uiowa.edu/igs/publications/images/icon_pdf.png](https://www.iihr.uiowa.edu/igs/publications/uploads/WRI-7.pdf) |  |  |
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