References

- Amundson, F.D., 1998, Estimated use of water in South Dakota, 1995: U.S. Geological Survey Open-File Report 98-268, 18 p.
- Anderson, M.T., Driscoll, D.G., and Williamson, J.E., 1999, Ground-water and surface-water interactions along Rapid Creek near Rapid City, South Dakota: U.S. Geological Survey Water-Resources Investigations Report 98-4214, 99 p.
- Bartlett and West Engineers, Inc., 1998, Piedmont Valley water quality assessment study—Final report: Bismarck, N. Dak., Bartlett and West Engineers, Inc. [variously paged].
- Braddock, W.A., 1963, Geology of the Jewel Cave SW quadrangle, Custer County, South Dakota: U.S. Geological Survey Bulletin 1063-G, p. 217-268.
- Bureau of Reclamation, 1998, Analysis and prediction of existing and future demands—Black Hills Water Management Study, Black Hills Regional Water Needs Assessment: Denver, Colo., Technical Service Center [variously paged].
- Busby, J.F., Lee, R., and Hanshaw, B.B., 1983, Major geochemical processes related to the hydrology of the Madison aquifer system and associated rocks in parts of Montana, South Dakota, and Wyoming: U.S. Geological Survey Water-Resources Investigation Report 83-4093, 180 p.
- Callahan, M.A., Slimak, M.W., Gabel, N.W., May, I.P., Fowler, C.F., Freed, J.R., Jennings, Patricia, Durfee, R.L., Whitmore, F.C., Maestri, Bruno, Mabey, W.R., Holt, B.R., and Gould, Constance, 1979, Water-related environmental fate of 129 priority pollutants, Volume I—Introduction and technical background, metals and inorganics, pesticides and PCBs: U.S. Environmental Protection Agency, Office of Water Planning and Standards, Office of Water and Waste Management, EPA-440/4-79-029a [variously paged].
- Carter, J.M., 1999, Selected data for wells and test holes used in structure-contour maps of the Inyan Kara Group, Minnekahta Limestone, Minnelusa Formation, Madison Limestone, and Deadwood Formation in the Black Hills area, South Dakota: U.S. Geological Survey Open-File Report 99-260, 51 p.
- Carter, J.M., Driscoll, D.G., and Hamade, G.R., 2001, Estimated recharge to the Madison and Minnelusa aquifers in the Black Hills area, South Dakota and Wyoming, water years 1931-98: U.S. Geological Survey Water-Resources Investigations Report 00-4278, 66 p.
- Carter, J.M., Driscoll, D.G., Hamade, G.R., and Jarrell, G.J., 2001, Hydrologic budgets for the Madison and Minnelusa aquifers in the Black Hills of South Dakota and Wyoming, water years 1987-96: U.S. Geological Survey Water-Resources Investigations Report 01-4119, 53 p.
- Carter, J.M., and Redden, J.A., 1999a, Altitude of the top of the Inyan Kara Group in the Black Hills area, South Dakota: U.S. Geological Survey Hydrologic Investigations Atlas HA-744-A, 2 sheets, scale 1:100,000.
- ———1999b, Altitude of the top of the Minnekahta Limestone in the Black Hills area, South Dakota: U.S. Geological Survey Hydrologic Investigations Atlas HA-744-B, 2 sheets, scale 1:100,000.
- ———1999c, Altitude of the top of the Minnelusa Formation in the Black Hills area, South Dakota: U.S. Geological Survey Hydrologic Investigations Atlas HA-744-C, 2 sheets, scale 1:100,000.
- ———1999d, Altitude of the top of the Madison Limestone in the Black Hills area, South Dakota: U.S. Geological Survey Hydrologic Investigations Atlas HA-744-D, 2 sheets, scale 1:100,000.
- ———1999e, Altitude of the top of the Deadwood Formation in the Black Hills area, South Dakota: U.S. Geological Survey Hydrologic Investigations Atlas HA-744-E, 2 sheets, scale 1:100,000.
- Clark, D.W., and Briar, D.W., 1993, What is ground water?: U.S. Geological Survey Open-File Report 93-643, 2 p.
- Clark, Ian, and Fritz, Peter, 1997, Environmental isotopes in hydrogeology: Boca Raton, Fla., Lewis Publishers, 328 p.
- Clawges, R.M., 2000a, Digital map of saturated thickness of the Madison aquifer, Black Hills, South Dakota: U.S. Geological Survey data

- available on the World Wide Web, accessed July 2, 2001, at URL http://water.usgs.gov/lookup/getspatial?sd_mdsnst_thk
- ——2000b, Digital map of saturated thickness of the Minnelusa aquifer, Black Hills, South Dakota: U.S. Geological Survey data available on the World Wide Web, accessed July 2, 2001, at URL http://water.usgs.gov/lookup/getspatial?sd_mnlsst_thk
- Darton, N.H., and Paige, Sidney, 1925, Central Black Hills [quadrangle], South Dakota: U.S. Geological Survey Atlas of the United States, Folio 219, 34 p.
- Davis, A.D., Long A.J., Nazir, M., and Tan, X., 1994, Ground-water vulnerability in the Rapid Creek basin above Rapid City, South Dakota—Final Technical Report: Denver, Colo., U.S. Environmental Protection Agency, Region VIII Office, Contract X008788-01-0, 78 p.
- DeWitt, Ed, Redden, J.A., Buscher, David, and Wilson, A.B., 1989, Geologic map of the Black Hills area, South Dakota and Wyoming: U.S. Geological Survey Map I-1910, scale 1:250,000.
- DeWitt, Ed, Redden, J.A., Wilson, A.B., and Buscher, David, 1986, Mineral resource potential and geology of the Black Hills National Forest, South Dakota and Wyoming: U.S. Geological Survey Bulletin 1580, 135 p.
- Downey, J.S., 1984, Geohydrology of the Madison and associated aquifers in parts of Montana, North Dakota, South Dakota, and Wyoming: U.S. Geological Survey Professional Paper 1273-G, 47 p.
- Downey, J.S., and Dinwiddie, G.A., 1988, The regional aquifer system underlying the Northern Great Plains in parts of Montana, North Dakota, South Dakota, and Wyoming—Summary: U.S. Geological Survey Professional Paper 1402-A, 64 p.
- Driscoll, D.G., 1992, Plan of study for the Black Hills Hydrology Study, South Dakota: U.S. Geological Survey Open-File Report 92-84, 10 p.
- Driscoll, D.G., and Bradford, W.L., 1994, Compilation of selected hydrologic data, through water year 1992, Black Hills Hydrology Study, western South Dakota: U.S. Geological Survey Open-File Report 94-319, 158 p.
- Driscoll, D.G., Bradford, W.L., and Moran, M.J., 2000, Selected hydrologic data, through water year 1998, Black Hills Hydrology Study, South Dakota: U.S. Geological Survey Open-File Report 00-70, 284 p.
- Driscoll, D.G., Bradford, W.L., and Neitzert, K.M., 1996, Selected hydrologic data through water year 1994, Black Hills Hydrology Study, South Dakota: U.S. Geological Survey Open-File Report 96-399, 162 p.
- Driscoll, D.G., and Carter J.M., 2001, Hydrologic conditions and budgets for the Black Hills of South Dakota, through water year 1998: U.S.Geological Survey Water-Resources Investigations Report 01-4226, 143 p.
- Driscoll, D.G., Hamade, G.R., and Kenner, S.J., 2000, Summary of precipitation data for the Black Hills area of South Dakota, water years 1931-98: U.S. Geological Survey Open-File Report 00-329, 151 p.
- Driscoll, D.G., and Hayes, T.S., 1995, Arsenic loads in Spearfish Creek, western South Dakota, water years 1989-91: U.S. Geological Survey Water-Resources Investigations Report 95-4080, 28 p.
- Durkin, T.V., 1996, Acid Mine Drainage—Reclamation at the Richmond Hill and Gilt Edge Mines, South Dakota *in* U.S. Environmental Protection Agency, Managing environmental problems at inactive and abandoned metals mine sites: U.S. Environmental Protection Agency Seminar Publication No. EPA/625/R-95/007, p 54-61.
- Epstein, J.B., 2000, Gypsum karst and hydrologic evolution in the northern Black Hills, South Dakota, *in* Strobel, M.L., and others, eds., Hydrology of the Black Hills—Proceedings of the 1999 Conference on the Hydrology of the Black Hills: Rapid City, S. Dak., South Dakota School of Mines and Technology Bulletin No. 20, p. 73-79.
- Ford, D.C., Lundberg, J., Palmer, A.N., Palmer, M.V., Dreybrodt, W., and Schwarcz, H.P., 1993, Uranium-series dating of the draining of an aquifer—The example of Wind Cave, Black Hills, South Dakota: Geological Society of America Bulletin, v. 105, p. 241-250.

- Galloway, J.M., 2000a, Selected hydrogeologic data for the Inyan Kara, Minnekahta, Minnelusa, Madison, and Deadwood aquifers in the Black Hills area, South Dakota: U.S. Geological Survey Open-File Report 99-602, 60 p.
- ——2000b, Digital map of generalized thickness of the Madison Limestone and Englewood Formation, Black Hills, South Dakota: U.S. Geological Survey data available on the World Wide Web, accessed July 2, 2001, at URL http://water.usgs.gov/lookup/getspatial?sd_mdsn_thk
- Goddard, K.E., 1989, Composition, distribution, and hydrologic effects of contaminated sediments resulting from the discharge of gold milling wastes to Whitewood Creek at Lead and Deadwood, South Dakota: U.S. Geological Survey Water-Resources Investigations Report 87-4051, 76 p.
- Goddard, K.E., Lockner, T.K., Harms, L.L., and Smith, M.H., 1989, Summary of data pertaining to land use, rainfall, dryfall, stream discharge, and storm runoff collected as part of a study of the effects of urban runoff on Rapid Creek, Rapid City area, South Dakota: U.S. Geological Survey Open-File Report 87-45, 194 p.
- Gott, G.B., Wolcott, D.E., and Bowles, C.G., 1974, Stratigraphy of the Inyan Kara Group and localization of uranium deposits, southern Black Hills, South Dakota and Wyoming: U.S. Geological Survey Professional Paper 763, 57 p.
- Greene, E.A., 1993, Hydraulic properties of the Madison aquifer system in the western Rapid City area, South Dakota: U.S. Geological Survey Water-Resources Investigations Report 93-4008, 56 p.
- ———1997, Tracing recharge from sinking streams over spatial dimensions of kilometers in a karst aquifer: Ground Water, v. 35, no. 5, p. 898-904.
- ——1999, Characterizing recharge to wells in carbonate aquifers using environmental and artificially recharged tracers, *in* Morganwalp, D.W., and Buxton, H.T., eds., U.S. Geological Survey Toxic Substances Hydrology Program—Proceedings of the Technical Meeting, Charleston, South Carolina, March 8-12, 1999—Volume 3 of 3—Subsurface contamination from point sources: U.S. Geological Survey Water-Resources Investigations Report 99-4018C, p. 803-808.
- Greene, E.A., Shapiro, A.M., and Carter, J.M., 1999, Hydrogeologic characterization of the Minnelusa and Madison aquifers near Spearfish, South Dakota: U.S. Geological Survey Water-Resources Investigations Report 98-4156, 64 p.
- Greene, E.A., Sowards, C.L., and Hansmann, E.W., 1990, Reconnaissance investigation of water quality, bottom sediment, and biota associated with irrigation drainage in the Angostura Reclamation Unit, southwestern South Dakota, 1988-89: U.S. Geological Survey Water-Resources Investigations Report 90-4152, 75 p.
- Gries, J.P., 1996, Roadside geology of South Dakota: Missoula, Mont., Mountain Press Publishing Company, 358 p.
- Hamblin, W. K., 1989, The Earth's dynamic systems—A textbook in physical geology (5th ed.): New York, MacMillan Publishing Company, 576 p.
- Harms, L.L, Smith, Marsha, and Goddard, Kim, 1983, Urban runoff control in Rapid City, South Dakota: Rapid City, S. Dak., Black Hills Council of Local Governments, 21 p.
- Hayes, T.S., 1999, Episodic sediment-discharge events in Cascade Springs, southern Black Hills, South Dakota: U.S. Geological Survey Water-Resources Investigations Report 99-4168, 34 p.
- Heath, R.C., 1983, Basic ground-water hydrology: U.S. Geological Survey Water-Supply Paper 2220, 84 p.
- Hem, J.D., 1985, Study and interpretation of chemical characteristics of natural water (3d ed.): U.S. Geological Survey Water-Supply Paper 2254, 263 p.
- Hortness, J.E., and Driscoll, D.G., 1998, Streamflow losses in the Black Hills of western South Dakota: U.S. Geological Survey Water-Resources Investigations Report 98-4116, 99 p.

- Huntoon, P.W., 1985, Rejection of recharge water from Madison aquifer along eastern perimeter of Bighorn Artesian Basin, Wyoming: Ground Water, v. 23, no. 3, p. 345-353.
- Jarrell, G.J., 2000a, Delineation of ground-water basins on the Limestone Plateau, Black Hills, South Dakota: Rapid City, S. Dak., South Dakota School of Mines and Technology, unpublished M.S. thesis, 68 p.
- ———2000b, Digital map of depth to the top of the Deadwood Formation: U.S. Geological Survey data available on the World Wide Web, accessed July 2, 2001, at URL
 - http://water.usgs.gov/lookup/getspatial?sd_ddwd_dep
- ———2000c, Digital map of depth to the top of the Madison Limestone: U.S. Geological Survey data available on the World Wide Web, accessed July 2, 2001, at URL
 - http://water.usgs.gov/lookup/getspatial?sd_mdsn_dep
- ——2000d, Digital map of depth to the top of the Minnelusa Formation: U.S. Geological Survey data available on the World Wide Web, accessed July 2, 2001, at URL
 - http://water.usgs.gov/lookup/getspatial?sd_mnls_dep
- ——2000e, Digital map of depth to the top of the Minnekahta Limestone: U.S. Geological Survey data available on the World Wide Web, accessed July 2, 2001, at URL
 - http://water.usgs.gov/lookup/getspatial?sd_mnkt_dep
- ——2000f, Digital map of depth to the top of the Inyan Kara Group: U.S. Geological Survey data available on the World Wide Web, accessed July 2, 2001, at URL
 - http://water.usgs.gov/lookup/getspatial?sd_inkr_dep
- ——2000g, Digital map of generalized thickness of the Minnelusa Formation, Black Hills, South Dakota: U.S. Geological Survey data available on the World Wide Web, accessed July 2, 2001, at URL http://water.usgs.gov/lookup/getspatial?sd_mnls_thk
- Johnson, B.N., 1933, A climatological review of the Black Hills: Rapid City, S. Dak., South Dakota School of Mines and Technology, The Black Hills Engineer, 71 p.
- Klemp, J.A., 1995, Source aquifers for large springs in northwestern Lawrence County, South Dakota: Rapid City, S. Dak., South Dakota School of Mines and Technology, unpublished M.S. thesis, 175 p.
- Kyllonen, D.P., and Peter, K.D., 1987, Geohydrology and water quality of the Inyan Kara, Minnelusa, and Madison aquifers of the northern Black Hills, South Dakota and Wyoming, and Bear Lodge Mountains, Wyoming: U.S. Geological Survey Water-Resources Investigations Report 86-4158, 61 p.
- Langmuir, Donald, 1997, Aqueous environmental geochemistry: Upper Saddle River, N.J., Prentice-Hall, 600 p.
- Lin, Shun Dar, 1985, *Giardia lamblia* and water supply: Journal American Water Works Association, v. 77, p. 40-47.
- Long, A.J., 2000, Modeling techniques for karst aquifers—Anisotropy, dual porosity, and linear systems analysis: Rapid City, S. Dak., South Dakota School of Mines and Technology, unpublished Ph.D. dissertation, 59 p.
- Long, A.J., Strobel, M.L., and Hamade, G.H., 1999, Localized leakage between the Madison and Minnelusa aquifers in the eastern part of the Black Hills, South Dakota [abs.]: Geological Society of America Abstracts with Programs, October 25-28, 1999, p. 412.
- Luza, K.V., 1969, Origin, distribution, and development of bog iron in the Rochford District, north-central Black Hills, South Dakota: Rapid City, S. Dak., South Dakota School of Mines and Technology, unpublished M.S. thesis, 159 p.
- Michel, R.L., 1989, Tritium deposition in the continental United States, 1953-83: U.S. Geological Survey Water-Resources Investigations Report 89-4072, 46 p.
- Miller, L.D., and Driscoll, D.G., 1998, Streamflow characteristics for the Black Hills of South Dakota, through water year 1993: U.S. Geological Survey Water-Resources Investigations Report 97-4288, 322 p.

- National Oceanic and Atmospheric Administration, 1998, Climatological data for South Dakota, annual summary: Asheville, N.C., U.S. Department of Commerce (issued annually).
- Naus, C.A., Driscoll, D.G., and Carter, J.M., 2001, Geochemistry of the
 Madison and Minnelusa aquifers in the Black Hills area, South Dakota:
 U.S. Geological Survey Water-Resources Investigations Report 01-4129, 118 p.
- Newton, Henry, and Jenney, W.P., 1880, Report of the geology and resources of the Black Hills of Dakota: Washington, D.C., Government Printing Office, 566 p.
- Orr, H.K., 1959, Precipitation and streamflow in the Black Hills: U.S. Department of Agriculture, Forest Service, Rocky Mountain Forest and Range Experiment Station Paper No. 44, 25 p.
- Paterson, C.J., and Kirchner, J.G., eds., 1996, Guidebook to the geology of the Black Hills, South Dakota: Rapid City, S. Dak., South Dakota School of Mines and Technology Bulletin No. 19, 230 p.
- Peter, K.D., 1985, Availability and quality of water from the bedrock aquifers in the Rapid City area, South Dakota: U.S. Geological Survey Water-Resources Investigations Report 85-4022, 34 p.
- Peterlin, J.D., 1990, Thermal springs and flow declines of the Fall River in the southern Black Hills of South Dakota: Rapid City, S. Dak., South Dakota School of Mines and Technology, unpublished M.S. thesis, 83 p.
- Plummer, L.N., Busby, J.F., Lee, R.W., and Hanshaw, B.B., 1990, Geochemical modeling of the Madison aquifer in parts of Montana, Wyoming, and South Dakota: Water Resources Research, v. 26, no. 9, p. 1981-2014.
- Powell, B.F., 1940, Construction history and technical details of the Sheridan Dam: The Black Hills Engineer, Rapid City, S. Dak., South Dakota School of Mines and Technology, 261 p.
- Putnam, L.D., 2000, Sensitivity of ground water to contamination in Lawrence County, South Dakota: U.S. Geological Survey Water-Resources Investigations Report 00-4103, 55 p.
- Rahn, P.H., 1985, Ground water stored in the rocks of western South Dakota, *in* Rich, F.J., ed., Geology of the Black Hills, South Dakota and Wyoming (2d ed.): Geological Society of America, Field Trip Guidebook, American Geological Institute, p. 154-174.
- Redden, J.A., and Lisenbee, A.L., 1996, Geologic setting, Black Hills, South Dakota, *in* Paterson, C.J., and Kirchner, J.G., eds., Guidebook to the geology of the Black Hills, South Dakota: Rapid City, S. Dak., South Dakota School of Mines and Technology Bulletin no. 19, p. 1-8.
- Rice, L.R., 1970, The treatment of iron and acid stream contamination in the Black Hills of South Dakota: Rapid City, S. Dak., South Dakota School of Mines and Technology, unpublished M.S. thesis, 212 p.
- Roddy, W.R., Greene, E.A., and Sowards, C.L., 1991, Reconnaissance investigation of water quality, bottom sediment, and biota associated with irrigation drainage in the Belle Fourche Reclamation Project, western South Dakota: U.S. Geological Survey Water-Resources Investigations Report 90-4192, 113 p.
- Rounds, D.D., 1991, A reconnaissance-level investigation of selected radionuclides and water-quality characteristics of wells penetrating the Deadwood Formation, Black Hills, South Dakota: Rapid City, S. Dak., South Dakota School of Mines and Technology, unpublished M.S. thesis, 94 p.
- Sando, S.K., Williamson, J.E., Dickerson, K.K., and Wesolowski, E.A., 2001, Irrigation drainage studies of the Angostura Reclamation Unit and the Belle Fourche Reclamation Project, western South Dakota—Results of 1994 sampling and comparisons with 1988 data: U.S. Geological Survey Water Resources Investigations Report 01-4103, 65 p.
- South Dakota Department of Environment and Natural Resources, 1998, Summary of the mining industry in South Dakota: Minerals and Mining Program, South Dakota Department of Environment and Natural Resources, retrieved Dec. 28, 2000, from URL http://www.state.sd.us/denr/DES/mining/1998minesum.htm

- ——2001a, Surface water quality—Administrative rules of South Dakota, 74:51: South Dakota Department of Environment and Natural Resources, accessed June 18, 2001, at URL http://legis.state.sd.us/rules/rules/7451.htm
- ——2001b, Inactive and abandoned mines in the Black Hills, Minerals and Mining Program: South Dakota Department of Environment and Natural Resources, accessed July 13, 2001, at URL http://www.state.sd.us/denr/des/mining/acidmine.htm
- ——2001c, Summary of the mining industry in South Dakota, 2000: Minerals and Mining Program, South Dakota Department of Environment and Natural Resources, retrieved July 10, 2001, from URL http://www.state.sd.us/denr/DES/Mining/Goldrpta3.pdf
- Spencer, E.W., 1988, Introduction to the structure of the Earth (3d ed.): New York, McGraw-Hill Book Company, 551 p.
- Strobel, M.L., Davis, A.D., Sawyer, J.F., Webb, C.J., Naus, C.A., and Rahn, P.H., eds., 2000, Hydrology of the Black Hills—Proceedings of the 1999 Conference on the Hydrology of the Black Hills: Rapid City, S. Dak., South Dakota School of Mines and Technology Bulletin no. 20, 247 p.
- Strobel, M.L., Galloway, J.M., Hamade, G.R., and Jarrell, G.J., 2000a, Potentiometric surface of the Inyan Kara aquifer in the Black Hills area, South Dakota: U.S. Geological Survey Hydrologic Investigations Atlas HA-745-A, 2 sheets, scale 1:100,000.
- ——2000b, Potentiometric surface of the Minnekahta aquifer in the Black Hills area, South Dakota: U.S. Geological Survey Hydrologic Investigations Atlas HA-745-B, 2 sheets, scale 1:100,000.
- ——2000c, Potentiometric surface of the Minnelusa aquifer in the Black Hills area, South Dakota: U.S. Geological Survey Hydrologic Investigations Atlas HA-745-C, 2 sheets, scale 1:100,000.
- ———2000d, Potentiometric surface of the Madison aquifer in the Black Hills area, South Dakota: U.S. Geological Survey Hydrologic Investigations Atlas HA-745-D, 2 sheets, scale 1:100,000.
- ——2000e, Potentiometric surface of the Deadwood aquifer in the Black Hills area, South Dakota: U.S. Geological Survey Hydrologic Investigations Atlas HA-745-E, 2 sheets, scale 1:100,000.
- Strobel, M.L., Jarrell, G.J., Sawyer, J.F., Schleicher, J.R., and Fahrenbach, M.D., 1999, Distribution of hydrogeologic units in the Black Hills area, South Dakota: U.S. Geological Survey Hydrologic Investigations Atlas HA-743, 3 sheets, scale 1:100,000.
- Strobel, M.L., Sawyer, J.F., and Rahn, P.H., 2000, Field trip road log—Hydrogeology of the central Black Hills of South Dakota, *in* Strobel, M.L., and others, eds., Hydrology of the Black Hills—Proceedings of the 1999 Conference on the Hydrology of the Black Hills: Rapid City, S. Dak., South Dakota School of Mines and Technology Bulletin no. 20, p. 239-245.
- Swenson, F.A., 1968, New theory of recharge to the artesian basin of the Dakotas: Geological Society of America Bulletin 1081-B, p. 163-182.
- Twomey, K., and Magee, H., eds., and Mueller, D., and Petty, N., comps., 1983, Early Hot Springs: Hot Springs, S. Dak., Star Publishers, 117 p.
- U.S. Department of Commerce, 1999, Climatological data for South Dakota, annual summary: Asheville, N.C. (issued annually).
- U.S. Department of Interior, 1967, Black Hills area resources study: Washington, D.C., February 1967, 225 p.
- U.S. Environmental Protection Agency, 1986, Quality criteria for water (updated May 1986), Update No. 2: Washington, D.C., Office of Water Regulations and Standards, EPA 440/5/-86-001, 398 p.
- ———1991, Lead and copper role fact sheet: U.S. Environmental Protection Agency, Office of Water, EPA 570/9-91-400, 2 p.
- ———1994a, Summary of EPA finalized National primary drinking water regulations: U.S. Environmental Protection Agency Region VIII, 7 p.
- ———1994b, National primary drinking water standards: U.S. Environmental Protection Agency, Office of Water, EPA 810-F-94-001A, 4 p.

- ———1997, National primary drinking water regulations, Code of Federal regulations 40, parts 141 and 143, revised July 1, 1997, p. 288-476.
- ——2001, EPA to implement 10 ppb standard for arsenic in drinking water: U.S. Environmental Protection Agency, Office of Water, EPA 815-F-01-010, 2 p.
- U.S. Geological Survey, 1999, The quality of our Nation's waters—Nutrients and pesticides: U.S. Geological Survey Circular 1225, 82 p.
- Wanty, R.B., and Nordstrom, D.K., 1993, Natural radionuclides, *in* Alley, W.M., ed., Regional ground-water quality: New York, Van Nostrand Reinhold, p. 423-441.
- Whalen, P.J., 1994, Source aquifers for Cascade Springs, Hot Springs, and Beaver Creek Springs in the southern Black Hills of South Dakota: Rapid City, S. Dak., South Dakota School of Mines and Technology, unpublished M.S. thesis, 299 p.
- Whitehead, R.L., 1996, Ground water atlas of the United States—Segment 8, Montana, North Dakota, South Dakota, Wyoming: U.S. Geological Survey Hydrologic Investigations Atlas 730-I, 24 p.
- Whitesides, D.H., 1989, Geomorphologic effects of the Galena forest fire in Custer State Park, South Dakota: Rapid City, S. Dak., South Dakota School of Mines and Technology, unpublished M.S. thesis, 96 p.

- Williamson, J.E., and Carter, J.M., 2001, Water-quality characteristics in the Black Hills area, South Dakota: U.S. Geological Survey Water-Resources Investigations Report 01-4194, 196 p.
- Williamson, J.E., Goldstein, R.M., and Porter, S.D., 1996, Selected trace metals in water, sediment, plants, and fish in Rapid Creek, Rapid City, South Dakota: U.S. Geological Survey Water-Resources Investigations Report 96-4276, 30 p.
- Williamson, J.E., and Hayes, T.S., 2000, Water-quality characteristics for selected streams in Lawrence County, South Dakota, 1988-92: U.S.
 Geological Survey Water-Resources Investigations Report 00-4220, 131 p.
- Williamson, J.E., Jarrell, G.J., Clawges, R.M., Galloway, J.M., and Carter, J.M., 2000, Digital data sets for map products produced as part of the Black Hills Hydrology Study, western South Dakota: U.S. Geological Survey Open-File Report 00-471.
- Winter, T.C., Harvey, J.W., Franke, O.L., and Alley, W.M., 1998, Ground water and surface water—A single resource: U.S. Geological Survey Circular 1139, 79 p.
- Yates, M.V., and Yates, S.R., 1993, Pathogens, *in* Alley, W.M., ed., Regional ground-water quality: New York, Van Nostrand Reinhold, p. 383-404.