

8.0 REFERENCES

- Acheampong, S.Y., Eastman, H.S., and Cansdale, M.G., 2007, Chemical and radiochemical constituents of selected wells and springs in parts of Clark, Lincoln and White Pine Counties, Nevada, Internal Report, Southern Nevada Water Authority, Las Vegas, 36 p.
- Acheampong, S.Y., 1992, Isotope hydrology of Lehman and Baker Creeks drainages, Great Basin National Park, Baker, Nevada, M.S. Thesis, University of Nevada, Las Vegas, 105 p.
- Allmendinger, R.W., Sharp, J.W., Von Tish, D. Serpa, L. Brown, L. Kaufman, S., Oliver, J. and Smith, R.B., 1983, Cenozoic and Mesozoic structure of the eastern Basin and Range province, Utah, from COCORP seismic-reflection data: *Geology*, v. 11, p. 532-536.
- Armstrong, R.L., 1972, Low-angle denudation faults, hinterland of the Sevier orogenic belt, eastern Nevada and western Utah: *Geological Society of America Bulletin*, v. 83, p. 1729-1754.
- Armstrong, R.L., 1968, Sevier orogenic belt in Nevada and Utah: *Geological Society of America Bulletin*, v. 79, p. 429-458.
- Atwater, T., 1970, Implications of plate tectonics for the Cenozoic tectonic evolution of western North America: *Geological Society of America Bulletin*, v. 81, p. 3513-3536.
- Bedinger, M.S., and Harrill, J.R., 2004, Appendix 1 - Regional Potential for Interbasin Flow of Ground Water, *in* Belcher, W.R., ed., Death Valley Regional Ground-Water Flow System (DVRFS), Nevada and California - Hydrogeologic Framework and Transient Ground-Water Flow Model: U.S. Geological Survey Scientific Investigations Report 2004-5205, 355-374 p.
- Berger, D.L., Kilroy, K.C., and Schaefer, D.H., 1988, Geophysical Logs and Hydrologic Data for Eight Wells in the Coyote Spring Valley Area, Clark and Lincoln Counties, Nevada, USGS Open-File Report 87-679.
- Burbey, T.J., 1997, Hydrogeology and potential for ground-water development, carbonate-rock aquifers, southern Nevada and southeastern California: U.S. Geological Survey Water-Resources Investigations Report 95-4168, 65 p.
- Burchfiel, B.C., Fleck, R., Secor, D.T., Vincelette, R.R., and Davis, G.A., 1974, Geology of the Spring Mountains, Nevada: *Geological Society of America Bulletin*, v. 85, p. 1013-1022.
- Buschelman, M.D., and Ricci, H., 2004, Water Rights in Nevada, short course manual by the Nevada Water Resources Association.

-
- Carpenter, J.A., Carpenter, D.G., and Dobbs, S.W., 1994, Antler orogeny—Paleostructural analysis and constraints on plate tectonic models with a global analogue in southeast Asia, *in* Dobbs, S.W., and Taylor, W.J., eds., Structural and stratigraphic investigations and petroleum potential of Nevada, with special emphasis south of the Railroad Valley producing trend: Nevada Petroleum Society 1994 conference volume II (book 2), p. 187-240.
- Clayton, B., 2007, Preliminary Underground Committed Water Rights for the Utah Portion of Snake Valley: Utah Division of Water Rights, Unpublished data.
- CLE International, 1994, Nevada Water Law, short course manual, August 18-19, 2004.
- Craig, H., 1961, Isotope variations in meteoric waters, *Science* 133:1702-1703.
- Christiansen, R.L., and Lipman, P.W., 1972, Cenozoic volcanism and plate tectonic evolution of the western United States—II. Late Cenozoic: *Royal Society of London Philosophical Transactions (A)*, v. 271, p. 249-284.
- Christiansen, R.L., and Yeats, R.S., 1992, Post-Laramide geology of the U.S. Cordilleran region, *in* Burchfiel, B.C., Lipman, P.W., and Zoback, M.L., eds., The Cordilleran orogen—Conterminous U.S.: Boulder, Colorado, Geological Society of America, *Geology of North America*, v. G-3, p. 261-406.
- D’Agnese, F.A., O’Brien, G.M., Faunt, C.C., Belcher, W.R., and San Juan, C., 2002, A Three-Dimensional Numerical Model of Predevelopment Conditions in the Death Valley Regional Ground-Water Flow System, Nevada and California: U.S. Geological Survey Water-Resources Investigations Report 02-4102, 114 p.
- Davenport, J.H., 2003, Nevada Water Law, published by the Colorado River Commission of Nevada, Las Vegas, Nevada, pp. 256.
- De Lipkau, R., Goodenow, R., Hill, E., and Marshall, R., 1995, Understanding and Protecting Your Water Rights in Nevada, short course publication, presented by the Cambridge Institute.
- Dettinger, M.D., Harrill, J.R., Schmidt, D.L., and Hess, J.W., 1995, Distribution of Carbonate-rock Aquifers and the Potential for Their Development, Southern Nevada and Adjacent Parts of California, Arizona, and Utah: U.S. Geological Survey Water-Resources Investigations Report 91-4146, 35 p.
- Dobbs, S.W., Garbee, J.J., Jr., Stuart, C.K., and Nelson, S.L., 1994, Intergrated [sic] geological and geophysical interpretation in the Newark Valley area, Eureka fold-and-thrust belt, east-central Nevada, *in* Dobbs, S.W., and Taylor, W.J., eds., Structural and stratigraphic investigations and petroleum potential of Nevada, with special emphasis south of the Railroad Valley producing trend: Nevada Petroleum Society 1994 conference volume II (book 2), p. 241-253.
- Eakin, T.E., 1966, A Regional Interbasin Groundwater System in the White River Area, Southeastern Nevada, *Water Resources Research*, v. 2, p. 251-271.

- Eakin, T.E., 1964, Ground-Water Appraisal of Coyote Spring and Kane Valleys and Muddy River Springs Area, Lincoln and Clark Counties, Nevada, Groundwater Resources – Reconnaissance Series Report 18, U.S. Geological Survey in cooperation with the State of Nevada Department of Conservation and Natural Resources, 29 p.
- Eakin, T.E., 1963, Ground-Water Appraisal of Pahrnagat and Pahroc Valleys, Lincoln and Nye Counties, Nevada, Groundwater Resources – Reconnaissance Series Report 21, U.S. Geological Survey in cooperation with the State of Nevada Department of Conservation and Natural Resources, 36 p.
- Ekren, E.B., Bucknam, R.C., Carr, W.J., Dixon, G.L., and Quinlivan, W.D., 1976, East-trending structural lineaments in central Nevada: U.S. Geological Survey Professional Paper 986, 16 p.
- Ekren, E.B., Orkild, P.P., Sargent, K.A., and Dixon, G.L., 1977, Geologic map of Tertiary rocks, Lincoln County, Nevada: U.S. Geological Survey Miscellaneous Investigations Series Map I-1041, scale 1:250,000.
- Ertec Western, Inc., 1981a, MX Siting Investigation, Water Resources Program, Results of Regional Carbonate Aquifer Testing, Coyote Spring Valley, Nevada, Report E-TR-57, prepared for the U.S. Department of the Air Force, Ballistic Missile Office, Norton Air Force Base, California, 65 p.
- Ertec Western, Inc., 1981b, MX Siting Investigation, Water Resources Program, Technical Summary Report Volume I, Report E-TR-52-I, prepared for the U.S. Department of the Air Force, Ballistic Missile Office, Norton Air Force Base, California, 97 p.
- Ertec Western, Inc., 1981c, MX Siting Investigation, Water Resources Program, Technical Summary Report Volume II, Report E-TR-52-II, prepared for the U.S. Department of the Air Force, Ballistic Missile Office, Norton Air Force Base, California, 286 p.
- Ertec Western, Inc., 1981d, MX Siting Investigation, Water Resources Program, Technical Summary Report Volume IIA, Report E-TR-52-II, prepared for the U.S. Department of the Air Force, Ballistic Missile Office, Norton Air Force Base, California, 41 p.
- Ertec Western, Inc., 1981e, MX Siting Investigation, Water Resources Program, Technical Summary Report Volume IIB, Report E-TR-52-II, prepared for the U.S. Department of the Air Force, Ballistic Missile Office, Norton Air Force Base, California, 131 p.
- Fenneman, N.M., 1931, Physiography of the Western United States, Chapter 8 – Basin and Range Province, McGraw-Hill Book Co.
- Gans, P.B., 2000, The Snake Range metamorphic core complex—Geologic overview of the northern Snake Range, *in* Gans, P.B., and Sedorff, Eric, eds., *Geology and Ore Deposits 2000, Field Trip 11*, Geological Society of Nevada, p. 99-117.

-
- Gans, P.B., Mahood, G.A., and Schermer, E., 1989, Synextensional magmatism in the Basin and Range province—A case study from the eastern Great Basin: Geological Society of America Special Paper, v. 233, 53 p.
- Gans, P.B., Miller, E.L., McCarthy, J., Ouldcott, M.L., 1985, Tertiary extensional faulting and evolving ductile-brittle transition zones in the northern Snake Range and vicinity—New insights from seismic data: *Geology*, v. 13, p. 189-193.
- Garside, L.J., and Schilling, J.H., 1979, Thermal waters of Nevada: Nevada Bureau of Mines and Geology Bulletin 91, 163 p.
- Geological Society of America, 1999, 1999 Geologic Time Scale, Product Code CTS004, accessed at <http://www.geosociety.org/science/timescale/timescl.pdf>.
- Hamilton, W.B., 1995, Subduction systems and magmatism, in Smellie, J.L., ed., *Volcanism associated with extension of consuming plate margins*: Geological Society Special Publications 81, p. 3-28.
- Harrill, J.R., Gates, J.S., and Thomas, J.M., 1988, Major groundwater flow systems in the Great Basin Region of Nevada, Utah, and adjacent states: U.S. Geological Survey Hydrologic Investigations Atlas HA-694-C, 2 sheets, map scale 1:1,000,000, with errata sheet.
- Harrill, J.R., and Prudic, D.E., 1998, Aquifer systems in the Great Basin region of Nevada, Utah, and adjacent states—Summary report: U.S. Geological Survey Professional Paper 1409-A, 61 p.
- Heath, 1984 *Ground-Water Regions of the United States*. U.S. Geological Survey, Water-Supply Paper 2242, Reston, VA.
- Hershey R.L., Justet, L., Heilweil, V.M., Gardner, P., Lyles, B.F., Earman, S., Thomas, J.M., Lundmark, K.W., 2007, *Ground-water Chemistry Interpretations Supporting the Basin and Range Regional Carbonate-rock Aquifer System (BARCAS) Study, Eastern Nevada and Western Utah*: Desert Research Institute, Publication No. 41230.
- Hess, R., 2004, Nevada oil and gas well database: Nevada Bureau of Mines and Geology Open-File Report 04-1, PDF file, <http://www.nbmgs.unr.edu/lists/oil/oil.htm>.
- Hess, G.W., 2002, Updated Techniques for Estimating Monthly Streamflow-Duration Characteristics at Ungaged and Partial-Record Sites in Central Nevada, U.S. Geological Survey Open File Report 02-168, 16 p.
- Hess, G.W., and Bohman, L.R., 1996, Techniques for Estimating Monthly Mean Streamflow at Gaged Sites and Monthly Streamflow Duration Characteristics at Ungaged Sites in Central Nevada, U.S. Geological Survey Open File Report 96-559, 18 p.
- Hintze, L.F., 1988, Geologic history of Utah: Brigham Young University Geology Studies, Special Publication 7, 202 p.

Hintze, L.F., and Davis, F.D., 2002a, Geologic map of the Wah Wah Mountains North 30' x 60' quadrangle and part of the Garrison 30' x 60' quadrangle, southwest Millard County and part of Beaver County, Utah: Utah Geological Survey Map 182, scale 1:100,000.

Hintze, L.F., and Davis, F.D., 2002b, Geologic map of the Tule Valley 30' x 60' quadrangle and parts of the Ely, Fish Springs, and Kern Mountains 30' x 60' quadrangles, northwest Millard County, Utah: Utah Geological Survey Map 186, scale 1:100,000.

Hintze, L.F., and Davis, F.D., 2003, Geology of Millard County, Utah: Utah Geological Survey Bulletin 133, 305 p.

Hood, J.W., and Rush, E.F., 1965, Water-resources Appraisal of the Snake Valley Are, Utah and Nevada, Nevada Department of Conservation and Natural Resources, Water Resources – Reconnaissance Series Report 34, 43 p.

Hose, R.K., and Blake, M.C., Jr., 1976, Geology and mineral resources of White Pine County, Nevada, Part 1, Geology: Nevada Bureau of Mines and Geology Bulletin 85, p. 1-35.

Houghton, J.G., Sakamoto, C.M., and Gifford, R.O., 1975, Nevada's Weather and Climate, Nevada Bureau of Mines and Geology, Special Publication 2, 78 p.

IT, see IT Corporation.

IT Corporation, 1996, Underground Test Area Project, Phase I Data Analysis Task, Volume II: Potentiometric Data Documentation Package: Las Vegas, Nev., Report ITLV/10972-181, 268 p.

Kirby, S., and Hurlow, H., 2005, Hydrogeologic setting of the Snake Valley hydrologic basin, Millard County, Utah, and White Pine and Lincoln Counties, Nevada—Implications for possible effects of proposed water wells: Utah Geological Survey Report of Investigations 254, CD-ROM.

Koterba, M.T., Wilde, F.D., and Lapham, W.W., 1995, Groundwater data collection protocols and procedure for the National Water-Quality Assessment program - Collection and documentation of water-quality samples and related data: U.S. Geological Survey Open-File Report 95-399, 113 p.

Larson, E.R., and Langenheim, R.L., Jr., 1979, The Mississippian and Pennsylvanian (Carboniferous) systems in the United States—Nevada: U.S. Geological Survey Professional Paper 1110-BB, p. BB1-19.

Las Vegas Valley Water District, 2001, Water resources and ground-water modeling in the White River and Meadow Valley Flow Systems, Clark, Lincoln, Nye, and White Pine Counties, Nevada: Las Vegas Valley Water District, Las Vegas, Nevada.

Lipman, P.W., Prostka, H.J., and Christiansen, R.L., 1972, Cenozoic volcanism and plate tectonic evolution of the western United States—I. Early and middle Cenozoic: Royal Society of London Philosophical Transactions (A), v. 271, p. 217-248.

-
- Longwell, C.R., Pampeyan, E.H., Bowyer, B., and Roberts, R.J., 1965, Geology and mineral deposits of Clark County, Nevada: Nevada Bureau of Mines and Geology Bulletin 62, 218 p., scale 1:250,000.
- Lumsden, W.W., Walker, C.T., and Francis, R.D., 2002, The Precambrian and Paleozoic stratigraphy of the White Pine, Grant and Schell Creek Ranges in eastern Nevada—The key to interpreting structures formed by extension and attenuation, *in* Ehni, W., and Faulds, J., eds., 2002, Detachment and attenuation in eastern Nevada and its application to petroleum exploration: Nevada Petroleum Society 2002 Field Trip Guidebook, p. 33-72.
- Macpherson, G.L., and Townsend, M.A., 1998, Water chemistry and sustainable yield, *in* Sophocleous M., ed., Perspectives on sustainable development of water resources in Kansas, pp. 123.
- Mankinen, E.A., Roberts, C.W., McKee, E.H., Chuchel, B.A., and Moring, B.C., 2006, Geophysical Data from the Spring and Snake Valleys Area, Nevada and Utah. U.S. Geological Survey Open File Report 2006-1160, 36 p.
- Mazor, E., 1991, Applied chemical and isotopic groundwater hydrology: Halsted Press, 274 p.
- Meinzer, O.E., ed., 1942, Hydrology: McGraw-Hill Book Company, Inc., 712 p.
- Meinzer, O.E., 1927, Plants as indicators of ground water, USGS Water Supply Paper 577.
- Miller, E.L., Dumitru, T.A., Brown, R.W., and Gans, P.B., 1999, Rapid Miocene slip on the Snake Range-Deep Creek Range fault system, east-central Nevada: Geological Society of America Bulletin, v. 111, p. 886-905.
- Miller, E.L., Grier, S.P., and Brown, J.L., 1995, Geologic map of the Lehman Caves quadrangle, White Pine County, Nevada: U.S. Geological Survey Geologic Quadrangle Map GQ-1758, scale 1:24,000.
- Miller, E.L., Gans, P.B., and Grier, S.P., 1994, Geologic map of Windy Peak 7.5' quadrangle, White Pine County, Nevada: U.S. Geological Survey Open-File Report 94-687, scale 1:24,000.
- Miller, E.L., Gans, P.B., and Garing, J., 1983, The Snake Range decollement—An exhumed mid-Tertiary ductile-brittle transition: Tectonics, v. 2, p. 239-263.
- Moores, E.M., Scott, R.B., and Lumsden, W.W., 1968, Tertiary tectonics of White Pine-Grant Range region, east-central Nevada, and some regional implications: Geological Society of America Bulletin, v. 79, p. 1703-1726.
- Mozingo, H.N., 1987, Shrubs of the Great Basin: A Natural History, University of Nevada Press, Reno, Las Vegas, and London.

National Land Cover Data, 1992, Data as accessed at <http://landcover.usgs.gov/natl/landcover.asp> or http://www.mrlc.gov/mmrlc2k_nlcd.asp or <http://epa.gov/mrlc/nlcd.html>.

NBMG, see Nevada Bureau of Mines and Geology.

NDWR, see Nevada Division of Water Resources.

Nelson, R.B., 1966, Structural development of northernmost Snake Range, Kern Mountains, and Deep Creek Range, Nevada and Utah: American Association of Petroleum Geologists Bulletin, v. 50, p. 921-951.

Nevada Bureau of Mines and Geology, data available on the World Wide Web, accessed 2006 at <http://www.nbmng.unr.edu/geothermal/geochemdata/readme-geochem.htm>.

Nevada Division of Water Resource, 2007a, Nevada Water Facts: Climate and Precipitation, available on the World Wide Web at URL <http://water.nv.gov/WaterPlanning/wat-fact/precip.htm>.

Nevada Division of Water Resources, 2007b, Water Rights Database Special Hydrographic Abstracts available on the World Wide Web, accessed March 7, 2007, at URL http://water.nv.gov/water%20Rights/permitdb/permitdb_index.cfm.

Nevada Division of Water Resources, 2007c, Water Rights Database Underground Active Abstract available on the World Wide Web, accessed March 7, 2007, at URL http://water.nv.gov/water%20Rights/permitdb/permitdb_index.cfm.

Nevada Division of Water Resources, 2007d, Water Rights Database Underground Active Abstract available on the World Wide Web, accessed December 4, 2007, at URL http://water.nv.gov/water%20Rights/permitdb/permitdb_index.cfm.

Nevada Division of Water Resources, 2007e, Water Rights Database Special Hydrographic Abstracts available on the World Wide Web, accessed December 18, 2007, at URL http://water.nv.gov/water%20Rights/permitdb/permitdb_index.cfm.

Nevada Division of Water Resources, 2005, Water Law – An Overview and Related Issues, Interim Study Committee on the Use, Management and Allocation of Water Resources, presentation by Tracy Taylor and Jason King, October 13, 2005.

Nevada Department of Conservation and Natural Resources, Division of Water Resources, 1977, Water for Nevada, Nevada's Water Resources, 87 p.

Nevada Department of Conservation and Natural Resources, Division of Water Resources, 1974, Water for Nevada, Special Information Report, Water-Legal and Administrative Aspects, 44 p.

Nichols, W.D., 2000, Regional ground-water evapotranspiration and ground-water budgets, Great Basin, Nevada: U.S. Geological Survey Professional Paper 1628, 82 p.

-
- Page, W.R., 1998, Geologic map of the Arrow Canyon NW quadrangle, Clark County, Nevada: U.S. Geological Survey Geologic Quadrangle Map GQ-1776, scale 1:24,000.
- Page, W.R., and Ekren, E.B., 1995, Preliminary geologic map of the Bristol Well quadrangle, Lincoln County, Nevada: U.S. Geological Survey Open-File Report 95-580, 27 p.
- Page, W.R., and Pampeyan, E.H., 1996, Preliminary geologic map of the Paleozoic rocks in the Wildcat Wash SE and Wildcat Wash SW quadrangles, Lincoln and Clark Counties, Nevada: U.S. Geological Survey Open-File Report 96-26, 18 p., scale 1:24,000.
- Page, W.R., Lundstrom, S.C., Harris, A.G., Langenheim, V.E., Workman, J.B., Mahan, S.A., Paces, J.B., Dixon, G.L., Rowley, P.D., Burchfiel, B.C., Bell, J.W., and Smith, E.I., 2005b, Geologic and geophysical maps of the Las Vegas 30' x 60' quadrangle, Clark and Nye Counties, Nevada, and Inyo County, California: U.S. Geological Survey Scientific Investigations Map 2814, 55 p., scale 1:100,000.
- Planert, M., and Williams, J.S., 1995, Ground Water Atlas of the United States: Segment 1, California, Nevada: U.S. Geological Survey Hydrologic Atlas HA-730-B, 1 atlas, 28 p.
- Plume, R.W., 1996, Hydrogeologic framework of the Great Basin Region of Nevada, Utah, and adjacent states, Regional aquifer-system analysis – Great Basin, Nevada-Utah, U.S. Geological Survey Professional Paper 1409-B, 64 p.
- Plume, R.W., and Carlton, S.M., 1988, Hydrogeology of the Great Basin Region of Nevada, Utah, and Adjacent States: U.S. Geological Survey Hydrologic Investigations Atlas HA-694-A, 1 sheet, scale 1:1,000,000.
- Poole, F.G., and Sandberg, C.A., 1991, Mississippian paleogeography and conodont biostratigraphy of the western United States, *in* Cooper, J.D., and Stevens, C.H., eds., Paleozoic paleogeography of the western United States—II: Pacific Section, Society of Economic Paleontologists and Mineralogists, v. 67, p. 107-136.
- Poole, F.G., and Sandberg, C.A., 1977, Mississippian Paleogeography and tectonics of the Western United States, *in* Stewart, J.H., Stevens, C.H., and Fritsche, A.E., eds., Paleozoic paleogeography of the western United States: Pacific Section, Society of Economic Paleontologists and Mineralogists, p. 67-85.
- Prudic, D.E., Harrill, J.R., and Burbey, T.J., 1995, Conceptual Evaluation of Regional Ground-Water Flow in the Carbonate-Rock Province of the Great Basin, Nevada, Utah, and Adjacent States, U.S. Geological Survey, Professional Paper 1409-D, p. D1-D84
- Rantz, S.E., and others, 1982a, Measurement and Computation of Streamflow: Volume 1 Measurement of Stage and Discharge: U.S. Geological Survey Water-Supply Paper 2175, 284 p.
- Rantz, S.E., and others, 1982b, Measurement and Computation of Streamflow: Volume 2 Computation of Discharge: U.S. Geological Survey Water-Supply Paper 2175, 346 p.

- Ricci, H., 2004, Nevada Division of Water Resources, Summary of Statutory Procedure in Making Application for a Water Right and filing Proofs of Appropriation, 15 p.
- Ricci, H., 2003, Nevada Division of Water Resources, Guidelines and Rules for the Preparation of Water Rights Maps, 21p.
- Ricci, H., 2001, Nevada Water Laws, published by the Nevada Division of Water Resources.
- Ries, K.G., Atkins, J.B., Hummel, P.R., Gray, M., Dusenbury, R., Jennings, Kirby, W.H., Riggs, H.C., Sauer, V.B., Thomas, W.B., 2007, The National Streamflow Statistics Program: A Computer Model for Estimating Streamflow Statistics for Ungaged Sites, Chapter 6, Book 4 Hydrologic Analysis and Interpretations, Section A, Statistical Analysis, U.S. Geological Survey, p. 37.
- Rowley, P.D., 1998, Cenozoic transverse zones and igneous belts in the Great Basin, western United States--their tectonic and economic implications, *in* Faulds, J.E., and Stewart, J.H., eds., Accommodation zones and transfer zones--The regional segmentation of the Basin and Range province: Geological Society of America Special Paper 323, p. 195-228.
- Rowley, P.D., and Dixon, G.L., 2001, The Cenozoic evolution of the Great Basin area, U.S.A.—New interpretations based on regional geologic mapping, *in* Erskine, M.C., Faulds, J.E., Bartley, J.M., and Rowley, P.D., eds., The geologic transition, High Plateaus to Great Basin—A symposium and field guide (The Mackin Volume): Utah Geological Association and Pacific Section of the American Association of Petroleum Geologists: Utah Geological Association Publication 30, p. 169-188.
- Rowley, P.D., Snee, L.W., Anderson, R.E., Nealey, L.D., Unruh, D.M., and Ferris, D.E., 2001, Field trip to the Caliente caldera complex, east-striking transverse zones, and nearby mining districts in Nevada-Utah—Implications for petroleum, ground-water, and mineral resources, *in* Erskine, M.C., Faulds, J.E., Bartley, J.M., and Rowley, P.D., eds., The geologic transition, High Plateaus to Great Basin—A symposium and field guide (The Mackin Volume): Utah Geological Association and Pacific Section of the American Association of Petroleum Geologists: Utah Geological Association Publication 30, p. 401-418.
- Rowley, P.D., Nealey, L.D., Unruh, D.M., Snee, L.W., Mehnert, H.H., Anderson, R.E., and Gromme, C.S., 1995, Stratigraphy of Miocene ash-flow tuffs in and near the Caliente caldera complex, southeastern Nevada and southwestern Utah, *in* Scott, R.B., and Swadley, W.C., eds., Geologic studies in the Basin and Range—Colorado Plateau transition in southeastern Nevada, southwestern Utah, and northwestern Arizona, 1992: U.S. Geological Survey Bulletin 2056, p. 43-88.
- Rowley, P.D., Shroba, R.R., Simonds, F.W., Burke, K.J., Axen, G.J., and Olmore, S.D., 1994, Geologic map of the Chief Mountain quadrangle, Lincoln County, Nevada: U.S. Geological Survey Geologic Quadrangle Map GQ-1731, scale 1:24,000.

-
- Rowley, P.D., Lipman, P.W., Mehnert, H.H., Lindsey, D.A., and Anderson, J.J., 1978, Blue Ribbon lineament, an east-trending structural zone within the Pioche mineral belt of southwestern Utah and eastern Nevada: U.S. Geological Survey Journal of Research, v. 6, p. 175-192.
- Rush, F.E., 1968, Index of Hydrographic Areas in Nevada: Nevada Division of Water Resources Information Report 6, 38 p.
- Rush, F.E., and Kazmi, S.A.T., 1965, Water Resources Appraisal of Spring Valley, White Pine and Lincoln Counties, Nevada, Groundwater Resources – Reconnaissance Series Report 33, U.S. Geological Survey in cooperation with the State of Nevada Department of Conservation and Natural Resources, 36 p.
- Saltus, R.W., and Jachens, R.C., 1995, Gravity and basin-depth maps of the Basin and Range province, western United States: U.S. Geological Survey Geophysical Investigations Map GP-1012, scale 1:2,500,000.
- Saucier, A.E., 1997, The Antler thrust system in northern Nevada, *in* Perry, A.J., and Abbott, E.W., eds., The Roberts Mountains thrust, Elko and Eureka Counties, Nevada: Nevada Petroleum Society 1997 Field Trip Guidebook, p. 1-16.
- Schaefer, D.H., Thiros, S.A., and Rosen, M.R., 2005, Ground-Water quality in the carbonate-rock aquifer of the Great Basin, Nevada and Utah, 2003, 32 p.
- Scheirer, D.S., 2005, Gravity studies of Cave, Dry Valley, and Delamar Valleys, east-central Nevada: U.S. Geological Survey Open-File Report 2005-1339, 27 p.
- Schmidt, D.L., and Dixon, G.L., 1995, Geology and aquifer system of the Coyote Spring Valley area, southeastern Nevada: U.S. Geological Survey Open-File Report 95-579, 47 p.
- Schoff, S.L., and Moore, J.E., 1964, Chemistry and movement of groundwater, Nevada Test Site, U.S. Geological Survey Trace Elements Investigations Report, TEI-838.
- Scott, R.B., Rowley, P.D., Snee, L.W., Anderson, R.E., Harding, A.E., Unruh, D.M., Nealey, L.D., Hudson, M.R., Swadley, W.C., and Ferris, D.E., 1996, Synchronous Oligocene and Miocene extension and magmatism in the vicinity of caldera complexes in southeastern Nevada, *in* Thompson, R.A., Hudson, M.R., and Pillmore, C.L., eds., Geologic excursions to the Rocky Mountains and beyond, Field Trip Guidebook for the 1996 annual meeting, Geological Society of America, Denver, Colorado, October 28-31: Colorado Geological Survey Special Publication 44, 36 p. (CD-ROM).
- Scott, R.B., Gromme, C.S., Best, M.G., Rosenbaum, J.G., and Hudson, M.R., 1995, Stratigraphic relationships of Tertiary volcanic rocks in central Lincoln County, southeastern Nevada, *in* Scott, R.B., and Swadley, W.C., eds., Geologic studies in the Basin and Range—Colorado Plateau transition in southeastern Nevada, southwestern Utah, and northwestern Arizona, 1992: U.S. Geological Survey Bulletin 2056, p. 5-42.

Smith, D.L., Johnson, J.A., Donovan, D.J., Kisting, G.M., and Burns, A., 2004, Climate and Barometric Pressure Influences on Pederson Spring Discharge and the Carbonate Aquifer near the Muddy Springs, Southern Nevada, *Journal of the Nevada Water Resources Association*, Fall 2004, v. 1, no. 1, p. 76 to 103.

SNWA, see Southern Nevada Water Authority.

Southern Nevada Water Authority, 2007a, Volume 1: Geology of White Pine And Lincoln Counties and Adjacent Areas, Nevada and Utah: The Geologic Framework of Regional Groundwater Flow Systems, 158 p.

Southern Nevada Water Authority, 2007b, Volume 2: Physical Settings of Selected Streams in Clark, Lincoln, and White Pine Counties Groundwater Development Project, 200 p.

Southern Nevada Water Authority, 2007c, Volume 3: Physical Settings of Springs in Clark, Lincoln, and White Pine Counties Groundwater Development Project, 326 p.

Southern Nevada Water Authority, 2007d, Volume 4: Water-Level Data Compilation and Evaluation for Clark, Lincoln, and White Pine Counties Groundwater Development Project, 310 p.

Southern Nevada Water Authority, 2007e (in progress), Conceptual Model of Groundwater Flow for Clark, Lincoln, and White Pine Counties Groundwater Development Project.

Southern Nevada Water Authority, 2003a, Hydrogeology of Tikaboo Valley and Three Lakes Valley North and South, Clark and Lincoln Counties, Nevada. Las Vegas, NV.

Southern Nevada Water Authority, 2003b, Survey of Wells and Stream Gages in the Black Mountains Area, California Wash Basin, Coyote Spring Valley, Garnet Valley, Hidden Valley and the Muddy River Springs Area, Nevada. Las Vegas, NV.

Stewart, J.H., 1980, Geology of Nevada, a discussion to accompany the geologic map of Nevada: Nevada Bureau of Mines and Geology Special Publication 4, 136 p.

Stewart, J.H., Moore, W.J., and Zietz, I., 1977, East-west patterns of Cenozoic igneous rocks, aeromagnetic anomalies, and mineral deposits, Nevada and Utah: *Geological Society of America Bulletin*, v. 88, p. 67-77.

Swadley, W.C., and Rowley, P.D., 1994, Geologic map of the Pahroc Spring SE quadrangle, Lincoln County, Nevada: U.S. Geological Survey Geologic Quadrangle Map GQ-1752, scale 1:24,000.

Taylor, W.J., Bartley, J.M., Martin, M.W., Geissman, J.W., Walker, J.D., Armstrong, P.A., and Fryxell, J.E., 2000, Relations between hinterland and foreland shortening—Sevier orogeny, central North American Cordillera: *Tectonics*, v. 19, p. 1124-1143.

-
- Thomas, J.M., Welch, A.H., and Dettinger, M., 1996, Geochemistry and isotope hydrology of representative aquifers in the Great Basin Region of Nevada, Utah and adjacent states, U.S. Geological Survey Professional Paper 1409-C, 100 p.
- Thomas, J.M., Mason, J.L., and Crabtree, J.D., 1986, Groundwater-levels in the Great Basin Region of Nevada, Utah, and Adjacent States, USGS Atlas HA-694-B, 1:100,000 scale, two plates.
- Tschanz, C.M., and Pampeyan, E.H., 1970, Geology and Mineral deposits of Lincoln County, Nevada: Nevada Bureau of Mines and Geology Bulletin 73, 188 p.
- U.S. Geological Survey, 2007, National Water Information System (NWISWeb) data available on the World Wide Web, accessed during March at URL <http://waterdata.usgs.gov/NWIS/GWSI/>.
- U.S. Geological Survey, 2006, National Water Information System (NWIS Web) data available on the World Wide Web, accessed (July 20, 2006) at URL <http://waterdata.usgs.gov/nwis/>.
- U.S. Geological Survey, 2005, Water Resources Data Water Year 2005, as accessed at http://web10capp.er.usgs.gov/adr_lookup/search.jsp.
- U.S. Geological Survey National Gap Analysis Program, 2004, Provisional Digital Land Cover Map for the Southwestern United States, Version 1.0, RS/GIS Laboratory, College of Natural Resources, Utah State University.
- UDWR, see Utah Division of Water Rights.
- Utah Division of Water Rights, 2007, Water Rights Point of Diversion Shapefile available on the World Wide Web, accessed March 13, 2007, at URL <http://nrwrt1.nr.state.ut.us/gisinfo/wrcover.asp>.
- Vandervoort, D.S., and Schmitt, J.G., 1990, Cretaceous to early Tertiary paleogeography in the hinterland of the Sevier thrust belt, east-central Nevada: *Geology*, v. 18, p. 567-570.
- Van Loenen, R.E., 1987, Geologic map of the Mount Grafton wilderness study area, Lincoln and White Pine Counties, Nevada: U.S. Geological Survey Miscellaneous Field Studies Map MF-1938, scale 1:50,000.
- Wells, J.V.B., 1960, Compilation of Records of Surface Waters of the United States through September 1950, Part 10: The Great Basin, U.S. Geological Survey Water-Supply Paper 1314, p. 485.
- White, W.B., 1988, *Geomorphology and hydrology of karst terrains*: Oxford University Press, New York, 464 p.
- Whitebread, D.H., 1970, Geologic map of the Wheeler Peak and Garrison quadrangles, Nevada and Utah: U.S. Geological Survey Miscellaneous Geologic Investigations Map I-578, scale 1:48,000.

Wilson, J.W., 2007, Water-Level Surface Maps of the Carbonate-Rock and Basin-Fill Aquifers in the Basin and Range Carbonate-Rock Aquifer System, White Pine County, Nevada, and Adjacent Areas in Nevada and Utah, U.S. Geologic Survey Scientific Investigations Report 2007-5089, 11 p.

Winograd, I.J., and Thordarson, W., 1975, Hydrogeologic and hydrochemical framework, south-central Great Basin, Nevada-California, with special reference to the Nevada Test Site, U.S. Geological Survey Professional Paper 712-C, 126 p.

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