## 11 References

- CH2M Hill, 1993. Elwood Reservoir operations and seepage study for CNPPID.
- Cannia, J.C., Woodward, D.A., and Cast, L, 2006. Cooperative Hydrology Study Hydrostratigraphic Units and Aquifer Characterization Report.
- Conservation and Survey Division/Institute of Agriculture and Natural Resources, University of Nebraska-Lincoln, 1998. Topographic regions map of Nebraska published by the Center for Applied Rural Innovation paper 62.
- Dappen, P., and Tooze, M., 2001. Delineation of land use patterns for the Cooperative Hydrology Study in the central Platte River basin. Center for Advanced Land Management Information Technologies (CALMIT), Conservation and Survey Division, Institute of Agriculture and Natural Resources, University of Nebraska-Lincoln, 73 p.
- Dappen, P., and Merchant, J., 2003. Delineation of 2001 Land use patterns for the Cooperative Hydrology Study in the Central Platte River Basin. Center for Advanced Land Management Information Technologies (CALMIT), School of Natural Resources, University of Nebraska-Lincoln, 83 p.
- Dappen, P., and Merchant, J., 2004. Delineation of 1982 Land use patterns for the Cooperative Hydrology Study in the Central Platte River Basin. Center for Advanced Land Management Information Technologies (CALMIT), School of Natural Resources, University of Nebraska-Lincoln, 85 p.
- Dappen, P., Merchant, J., Ratcliffe, I., and Robbins, C., 2007. Delineation of 2005 Land Use Patterns for the State of Nebraska Department of Natural Resources. Center for Advanced Land Management Information Technologies (CALMIT), School of Natural Resources, University of Nebraska-Lincoln, 80 p.
- Driscoll, Fletcher G., 1986. Groundwater and Wells, 2nd Edition. Johnson Division, St. Paul, Minnesota, 1089 pp.
- ESI, 2011. Guide to using Groundwater Vistas.
- Gutentag, E.D., Heimes, F.J., Krothe, N.C., Luckey, R.R. and Weeks, J.B., 1984. Geohydrology of the High Plains Aquifer in parts of Colorado, Kansas, Nebraska, New Mexico, Oklahoma, South Dakota, Texas and Wyoming. U.S. Geological Survey Professional Paper 1400-B, 63 p.
- Harbaugh, Arlen, W., Banta, E.R., Hill, M.C. and McDonald, M.G., 2000. MODFLOW-2000, the U.S. Geological Survey modular ground-water model—user guide to modularization concepts and the ground-water flow process: USGS Open-File Report 00-92, 121 p.
- Harbaugh, A.W., 2005. MODFLOW-2005, The U.S. Geological Survey modular ground-water model—the Ground-Water Flow Process: U.S. Geological Survey Techniques and Methods 6-A16, variously p.

- Harbaugh, A.W., 2007. MF2KtoMF05UC, a program to convert MODFLOW-2000 files to MODFLOW-2005 and UCODE-2005 files: U.S. Geological Survey Open-File Report 2007-1204, 4 p. (available only online at http://pubs.water.usgs.gov/ofr2007-1204)
- Harza Engineering Company, December 1993. Water Utilization Study for the Sutherland Project, FERC Project No. 1835, Volume II Appendices.
- High Plains Regional Climate Center, 2011. Climatic data database. Accessed December 2011 at URL <a href="http://www.hprcc.unl.edu/data.htm">http://www.hprcc.unl.edu/data.htm</a> for stations in COHYST 2010 study area.
- Homer, C.H., Fry, J.A., and Barnes, C.A., 2012, The National Land Cover database, U.S. Geological Survey Fact Sheet 2012-3020, 4 p.
- McMahon, P.B., K.F. Dennehy, B.W. Bruce, J.K. Böhlke, R.L. Michel, J.J. Gurdak and D.B. Hurlbut, 2006. Storage and transit time of chemicals in thick unsaturated zones under rangeland and irrigated cropland, High Plains, United States, Water Resour. Res., 42, W03413, doi:10.1029/2005WR004417.
- Niswonger, R.G., and Prudic, D.E., 2005. Documentation of the Streamflow-Routing (SFR2) Package to include unsaturated flow beneath streams—A modification to SFR1: U.S. Geological Survey Techniques and Methods 6-A13, 48 p.
- Niswonger, R.G., Prudic, D.E. and Regan, R.S., 2006. Documentation of the Unsaturated-Zone Flow (UZF1) Package for modeling unsaturated flow between the land surface and the water table with MODFLOW-2005: U.S. Geological Survey Techniques and Methods 6-A19, 62p.
- Poeter, Eileen P., Mary C. Hill, Dan Lu, , Claire R. Tiedeman, and Steffen Mehl, 2014. UCODE\_2014, with new capabilities to define parameters unique to predictions, calculate weights using simulated values, estimate parameters with SVD, evaluate uncertainty with MCMC, and more: Integrated Groundwater Modeling Center Report Number GWMI 2014-02.
- PRRIP, 2006, Platte River Recovery Implementation Program, Final Platte River Recovery Implementation Program, 2004. Characterization of Hydrologic Conditions to Support Platte River Species Recovery Efforts. Journal of the American Water Resources Association, by Don Anderson and Mark Rodney of the USFWS.
- Prudic, D.E., 1989. Documentation of a computer program to simulate stream-aquifer relationships using a modular, finite-difference, ground-water flow model: U.S. Geological Survey Open-File Report 91-536, 99 p.
- Prudic, D.E., Konikow, L.F., and Banta, E.R., 2004.4, A new stream-flow routing (SFR1) package to simulate stream-aquifer interaction with MODFLOW-2000: U.S. Geological Survey Open-File Report 2004-1042, 95 p.
- Richmond, Gerald M. ed, 1994. Quaternary geologic map of the Platte River 4X6 quadrangle, United States. Miscellaneous Investigations Series Map I-1420 (NK-14). US Geological

- The Flatwater Group, 2011. COHYST M & I Municipal, Industrial, and Domestic Withdrawals and Discharge Data Acquisition, Estimation, and Incorporation into the COHYST Grid.
- Riverside Technology Inc, 2014. COHYST 2010 Land Use Classification Manual. 136 p. and Land Use Arc-GIS geo-database "Final\_COHYST\_2010\_GIS\_Deliverables\_4\_08\_2014.zip"
- Rossman, N.R.,, V.A. Zlotnik, C.M. Rowe, J. Szilagyi, 2014. Vadose zone lag time and potential 21st centuryclimate change effects on spatially distributed groundwater recharge in the semi-arid Nebraska Sand Hills, Journal of Hydrology, 519 (2014) pp. 656-669.
- Steele, G.V., Gurdak, J.J., and Hobza, C.M., 2014. Water movement through the unsaturated zone of the High Plains Aquifer in the Central Platte Natural Resources District, Nebraska, 2008–12: U.S. Geological Survey Scientific Investigations Report 2014–5008, 51 p., plus tables and app., http://dx.doi.org/10.3133/sir20145008.
- Szilagyi, J., Harvey, F.E., & Ayers, J. F., 2003. Regional Estimation of Base Recharge to Groundwater Using Water Balance and a Base-Flow Index. Groundwater, 41 (4), 504-513.
- Szilagyi, J., Harvey, F.E., Ayers, J. F., 2005. Regional Estimation of Total Recharge to Ground Water in Nebraska. Groundwater. NGWA. Vol. 43 (1): 63-69.
- The Flatwater Group, Inc., 2004. CROPSIM Update and Scenario Report for COHYSST 2010.
- U.S. Department of Agriculture, United States Census of Agriculture, 1997-2002-2007 Nebraska Census of Agriculture Volume 1, Part 27.
- U.S. Department of Commerce, United States Census of Agriculture, 1945-1950-1954-1959-1964-1969-1974-1978-1982-1987-1992 Nebraska Census of Agriculture Volume 1, Part 20.
- USFWS, 2004. Characterization of Hydrologic Conditions to Support Platte River Species Recovery Efforts. Journal of the American Water Resources Association, by Don Anderson and Mark Rodney of the USFWS.
- Weeks, J.B, Gutentag, E.D., Heimes, F.J., and Luckey, R.R., 1988, Summary of the High Plains regional aquifer-system analysis in parts of Colorado, Kansas, Nebraska, New Mexico, Oklahoma, South Dakota, Texas, and Wyoming: U.S. Geological Survey Professional Paper 1400-A, 30 p.