

# Agua Fria Basin

## References and Supplemental Reading

### References

#### A

- Anning, D.W. and N.R. Duet, 1994, Summary of ground-water conditions in Arizona, 1987-90, USGS Open-file Report 94-476.
- Arizona Corporation Commission, 2005, Annual reports, Private Sewer companies, 1990 to 2005: ACC Utilities Division. (Effluent Generation Table)
- Arizona Department of Economic Security (DES), 2005, Workforce Informer: Data file, accessed August 2005, <http://www.workforce.az.gov>. (Cultural Water Demand Table)
- Arizona Department of Environmental Quality (ADEQ), 2005, Impaired lakes and reaches: GIS cover, received January 2006. (Water Quality Map and Table)
- \_\_\_\_\_, 2004, Water quality exceedences for drinking water providers in Arizona: Data file, received September 2004. (Water Quality Map and Table)
- Arizona Department of Water Resources (ADWR), 2008a, Assured and adequate water supply applications: Project files, ADWR Hydrology Division.
- \_\_\_\_\_, 2005a, Automated recorder sites: Data files, ADWR Basic Data Unit.
- \_\_\_\_\_, 2005b, Flood warning gages: Database, ADWR Office of Water Engineering.
- \_\_\_\_\_, 2005c, Groundwater Site Inventory (GWSI): Database, ADWR Hydrology Division.
- \_\_\_\_\_, 2005d, Inspected dams: Database, ADWR Office of Dam Safety. (Reservoirs and Stockponds Table)
- \_\_\_\_\_, 2005e, Non-jurisdictional dams: Database, ADWR Office of Dam Safety. (Reservoirs and Stockponds Table)
- \_\_\_\_\_, 2005f, Registry of surface water rights: ADWR Office of Water Management. (Reservoirs and Stockponds Table)
- \_\_\_\_\_, 2005g, Wells55: Database.
- \_\_\_\_\_, 2002, Groundwater quality exceedences in rural Arizona from 1975 to 2001: Data file, ADWR Office of Regional Strategic Planning. (Water Quality Map and Table)
- \_\_\_\_\_, 1994a, Arizona Water Resources Assessment, Vol. I, Inventory and Analysis.
- \_\_\_\_\_, 1994b, Arizona Water Resources Assessment, Vol. II, Hydrologic Summary.
- \_\_\_\_\_, 1990, Draft outline of basin profiles for the state water assessment: ADWR Statewide Planning Division, Memorandum to L. Linser, D.W., January, 16, 1990.
- Arizona Game and Fish Department (AGFD), 1997 & 1993, Statewide riparian inventory and mapping project: GIS cover.
- Arizona Land Resource Information System (ALRIS), 2005a, Springs: GIS cover, accessed January 2006 at <http://www.land.state.az.us/alris/index.html>.
- \_\_\_\_\_, 2005b, Streams: GIS cover, accessed 2005 at <http://www.land.state.az.us/alris/index.html>.
- \_\_\_\_\_, 2004, Land ownership: GIS cover, accessed in 2004 at <http://www.land.state.az.us/alris/index.html>.

#### D

- Diroll, M., and Marsh, D., 2006, Status of water quality in Arizona-2004 integrated 305(b)

assessment and 303(d) listing report: ADEQ report. (Water Quality Map and Table)

### E

Environmental Protection Agency (EPA), 2005, Surf Your Watershed: Facility reports, accessed April 2005 at [http://oaspub.epa.gov/enviro/ef\\_home2.water](http://oaspub.epa.gov/enviro/ef_home2.water). (Effluent Generation Table)

\_\_\_\_\_, 2005, 2000 and 1996, Clean Watershed Needs Survey: datasets, accessed March 2005 at <http://www.epa.gov/owm/mtb/cwns/index.htm>. (Effluent Generation Table)

### F

Freethy, G.W. and T.W. Anderson, 1986, Predevelopment hydrologic conditions in the alluvial basins of Arizona and adjacent parts of California and New Mexico: USGS Hydrologic Investigations Atlas-HA664.

### G

Gebert, W.A., D.J. Graczyk and W.R. Krug, 1987, Average annual runoff in the United States, 1951-1980: GIS Cover, accessed March 2006 at <http://aa179.cr.usgs.gov/metadata/wrdmeta/runoff.htm>. (Surface Water Conditions Map)

Gebler, J.B., 2000, Organochloride compounds in streambed sediment and in biological tissue from streams and their relationship to land use, Central Arizona: USGS Water Resources Investigation Report 00-4041. (Water Quality Map and Table)

### O

Oregon State University, Spatial Climate Analysis Service (SCAS), 1998, Average annual precipitation in Arizona for 1961-1990: PRISM GIS cover, accessed in 2006 at [www.ocs.orst.edu/prism](http://www.ocs.orst.edu/prism).

### U

US Army Corps of Engineers, 2004 and 2005, National Inventory of Dams: Arizona Dataset, accessed November 2004 to April 2005 at <http://crunch.tec.army.mil/nid/webpages/nid.cfm>. (Reservoirs and Stockponds Table)

US Bureau of Reclamation, 2007, Dams, Project and Power Plants: New Waddell Dam, at <http://www.usbr.gov/dataweb/dams/az82929.htm> (Reservoirs and Stockponds Table)

United States Geological Survey (USGS), 2008 & 2005, National Water Information System (NWIS) data for Arizona: Accessed October 2008 at <http://waterdata.usgs.gov/nwis>.

\_\_\_\_\_, 2007, Water withdrawals for irrigation, municipal, mining, thermoelectric-power, and drainage uses in Arizona outside of the active management areas, 1991-2005: Data file, received November 2007.

\_\_\_\_\_, 2006a, National Hydrography Dataset: Arizona dataset, accessed at <http://nhd.usgs.gov/>.

\_\_\_\_\_, 2006b, Springs and spring discharges: Dataset, received November 2004 and January 2006 from USGS office in Tucson, AZ.

\_\_\_\_\_, 2004, National Gap Analysis Program - Southwest Regional Gap analysis study- land cover descriptions: Electronic file, accessed January 2005 at <http://earth.gis.usu.edu/swgap>.

\_\_\_\_\_, 1981, Geographic digital data for 1:500,000 scale maps: USGS National Mapping Program Data Users Guide.

## W

Western Regional Climate Center (WRCC), 2005, Precipitation and temperature stations: Data file, accessed December 2005 at <http://www4.ncdc.noaa.gov/cgi-win/wwcgi.dll?wwDI~GetCity~USA>.

## Supplemental Reading

- Anning, D. W., 2004, Effects of Natural and Human Factors on Stream Water Quality in Central Arizona: USGS Water Resource Supplement Jan.-Feb.
- \_\_\_\_\_, 2003, Assessment of selected inorganic constituents in streams in the central basins study area, Arizona and northern New Mexico, through 1998: USGS Water Resource Investigations Report 03-4063.
- \_\_\_\_\_, 1999, Concentrations and stream loads of nitrogen and phosphorus in surface water resources of central Arizona: in *Water Issues and Partnerships for Rural Arizona: Proceedings of the 12<sup>th</sup> annual Arizona Hydrological Society*, September 1999, Pinetop, Arizona.
- \_\_\_\_\_, 1998, Sources of nitrogen and phosphorus in drainage basins of central Arizona: in *Water at the Confluence of Science, Law, and Public Policy: Proceedings from the 11th annual Arizona Hydrological Society Symposium*, September 1998, Tucson, Arizona, p. 8.
- Baker, M.B., 1999, History of watershed research in the central Arizona highlands: US Forest Service Technical Report, GTR-29.
- Barnett, Lloyd, R. Hawkins and D. Guertin, 2002, Reconnaissance Watershed and Hydrologic Analysis on the Upper Agua Fria Watershed, University of Arizona, Tucson, Arizona.
- Cordy, G.E., D.J. Gellenbeck, J.B. Gebler, D.W. Anning, A.L. Coes, R.J. Edmonds, J.A. Rees and H.W. Sanger, 2000, Water quality in the central Arizona basins, Arizona, 1995-1998: USGS Circular 1213.
- Dava and Associates, Inc., 2003, Yavapai County General Plan: Water Resources Element.
- Gellenbeck, D.J. and D.W. Anning, 2002, Occurrence and distribution of pesticides and volatile organic compounds in groundwater and surface water in central Arizona basins, 1996-1998, and their relation to land use: USGS Water Resources Investigations Report 01-4144, 107 p.
- Fleming, J.B., 2004, Hydrologic characteristics of the Agua Fria National Monument, Central Arizona, determined from the reconnaissance study: USGS Scientific Investigations Report 2004-5163.

Levick, L, D.P. Guertin and K. Uhlman, 2006, NEMO Watershed Based Plan Upper Agua Fria Watershed, University of Arizona at [www.arizonaNEMO.org](http://www.arizonaNEMO.org)

Melis, T.S., 1990, Evaluation of Flood Hydrology on Twelve Drainage Basins in the Central Highlands Region of Arizona: An Integrated Approach: Northern Arizona University, M.S. thesis, 135 p.

Scott, P.S., 1994, Basic geologic and hydrologic information, Bradshaw Mountains, Yavapai County Arizona, AZGS Open-File Report 94-2, 69 p.

Shafroth, P.B., J.C. Stromberg, D.T. Patten, A.E. Springer and J.M. Wright, 1996, Riparian habitat enhancement and groundwater recharge; a feasibility study on the Agua Fria River, Maricopa County, Arizona: in *Wanted: Water for Rural Arizona*. Arizona: Proceedings of the 9<sup>th</sup> annual Arizona Hydrological Society Symposium, Prescott, AZ, September 1996, p. 23.

Springer, A.E., J.M. Wright, P.B. Shafroth, J.C. Stromberg and D.T. Patten, 1999, Coupling ground-water and riparian vegetation models to simulate riparian vegetation changes due to a reservoir release: *Water Resources Research*, v. 35, p. 3621-3630.