

DROUGHT MITIGATION AND RESPONSE GUIDELINES FOR YAVAPAI COUNTY



Plan Concepts

- The following concepts were tentatively adopted, pending input from members who were not present and any new members from the August 27 meeting.
- The plan will be non-regulatory.
- The plan will be comprised of a Master Plan and associated recommendations attached as removable/reproducible “pull-outs” for mitigation, conservation, and drought stage actions. These can then be used for educational purposes as well as being sent to jurisdictions, businesses, communities and individuals.

Plan Concepts

- The LDIG needs a web site, with the plan and removable/reproducible recommendations available to all.
- Given the size of the county, watersheds will be used to separate and specify recommended actions.
- The plan will contain information and/or links to information on drought impact to humans, wildlife and plant life and recommendations for landscape plants.

Plan Concepts

- The plan will contain information on water harvesting.
- The plan will address the personal nature of conservation and provide the positives of conservation in spite of those who waste water.

Highlights of the guidelines

**DROUGHT MITIGATION AND RESPONSE GUIDELINES
FOR YAVAPAI COUNTY**

January 2007

**This document is
non-regulatory**

Prepared by:
The Drought Mitigation and Response Workgroup

for the

Yavapai County Local Drought Impact Group

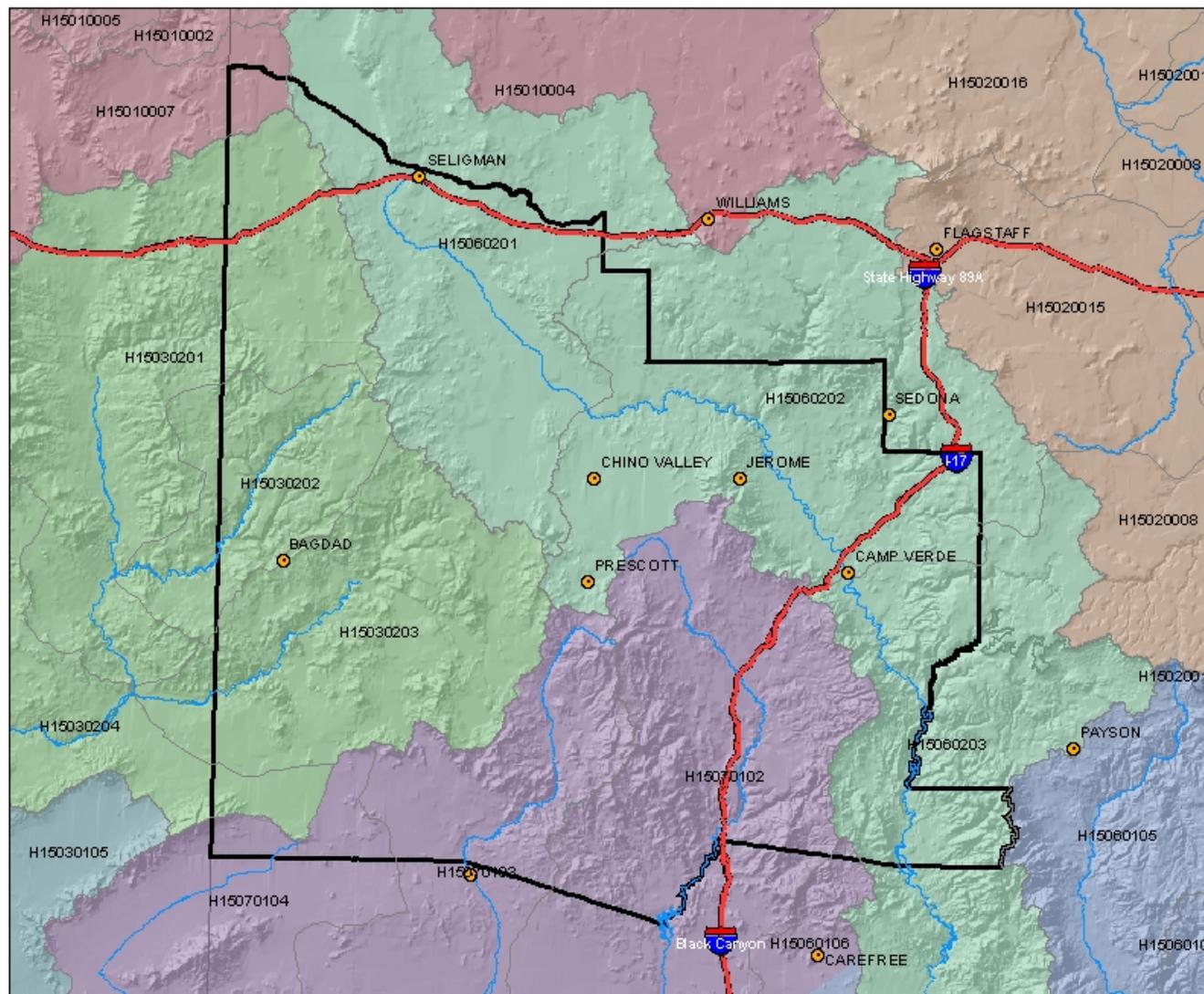
Define drought vulnerability within watersheds in the county.

Drought conditions vary throughout the county. To identify areas that may experience the same level of drought, watersheds will be utilized so that specific **recommendations** and options may be made for each particular area, without affecting other areas that may not be experiencing drought.

Arizona Groundwater



Yavapai County Watersheds



Legend

- Towns
- interstate
- Major Streams
- County Boundaries
- H-15 8-digit HUC

- 6-digit HUC Names
- Agua Fria River-Lower Gila River
 - Bill Williams River
 - Little Colorado River
 - Lower Colorado River below Lake Mead
 - Lower Colorado River, Lees Ferry to Lake Mead
 - Middle Gila River
 - Salt River
 - Verde River

NEMO - University of Arizona Cooperative Extension in partnership with the Arizona Department of Environmental Quality, Water Quality Division and the Water Resources Research Center. Data Sources: ART-U of A, Arizona Natural Resources Conservation Service and US National Atlas. Projection: Universal Transverse Mercator Projection and Coordinate System, Zone 12, North American Datum 1983, Horizontal Units: Meters. Cartographic Composition by Juan Parra, Advanced Resource Technology Group, The University of Arizona, November 2005. [Yavapai Watersheds_11-22-2005.mxd]

Identify the impacts of drought in the various watersheds of the county

Drought will have profoundly differing effects on the diverse geography of the county. Drought in watershed's will be identified, the probable impacts for each zone will be also be identified.



Major Areas

GENERAL AND BACKGROUND INFORMATION

This section contains general information about the county, its growth potential and demographics

Major Areas

DROUGHT DEFINED

The four definitions of drought:

- ① Meteorological
- ② Hydrological
- ③ Agricultural
- ④ Socioeconomic

Major Areas

DROUGHT IN YAVAPAI COUNTY

Highlighted by:

- Types of drought
- drought history
- drought statistics
- risk assessment info
- probability and magnitude of drought
- warning times
- drought vulnerability

Major Areas

DROUGHT PREPAREDNESS

This section contains general information on the subject, as well as conservation/mitigation recommendations/options

Major Areas

DROUGHT RESPONSE

The Drought Response section contains monitoring requirements, response triggers, alerts/ recommendations for various stages of drought.