

The National Water Census

Part of the  Initiative

Report to the US Congress

**P.L. 111-11 Subtitle F
(SECURE Water Act as signed by the President March 30, 2009)**

Section 9501: Findings

Section 9502: Definitions

Section 9503: Reclamation Climate Change and Water Program

Section 9504: Water Management Improvement

Section 9505: Hydroelectric Power Assessment

Section 9506: Climate Change and Water Intergovernmental Panel

Section 9507: Water Data Enhancement by United States Geological Survey

Section 9508: Water Availability Assessments

Creates a National Water Availability and Use Assessment Program..

Requires first report in 2012 and every 5 years thereafter.

Grants are available to assist state agencies in developing and integrating state water use data.

Section 9509: Research Agreement Authority

Section 9510: Effect



Report to Congress - Every 5 years thereafter:

1. The **current availability** of water resources in the United States (historical and annual river basin inflows and outflows, surface water storage, groundwater reserves, estimates of undeveloped potential resources),
2. **Significant trends** affecting water **availability**, including documented or projected impacts as a result of global climate change,
3. The **withdrawal and use** of surface water and groundwater by various sectors (agricultural, municipal, industrial, thermoelectric power generators, hydroelectric power generators),
4. **Significant trends** relating to each **water use** sector, including significant changes in water use due to the development of new energy supplies,
5. **Significant water use conflicts or shortages** that have occurred or are occurring,
6. Each **factor** that has **caused**, or is causing, a conflict or shortage.



Water Census Report Outline:

Executive Summary

1.0 Introduction

2.0 National Water Census

2.1 Guiding Principles

2.2 Coordination and Collaboration

2.3 Water Budgets as a Unifying Theme

2.4 Water Availability and Water Quality

2.5 Geographic Focus Area Studies



Water Census Report Outline:

3.0 Progress towards Goals

3.1 ACF River Basin

3.2 Colorado River Basin

3.3 Delaware River Basin

3.4 Surface Water

3.5 Groundwater

3.6 Evapotranspiration

3.7 Water Use

3.8 Ecological Water Science

3.9 Water Quality



Water Census Report Outline:

4.0 Planning for the Future

4.1 Next Steps

4.2 Delivering the Information

5.0 Summary

6.0 References

7.0 Acknowledgments

8.0 Appendices

A. Organizations providing input to this report



USGS will solicit volunteers from the Ad Hoc Advisory Group to provide peer review of the draft report:

Organization	Acronym
Association of American State Geologists	AASG
Association of Fish and Wildlife Agencies	AFWA
Association of Metropolitan Water Agencies	AMWA
Association of State Drinking Water Administrators	ASDWA
American Water Resources Association	AWRA
American Water Works Association	AWWA
Interstate Council on Water Policy	ICWP
National Ground Water Association	NGWA
National Tribal Water Council	NTWC
The Nature Conservancy	TNC
Water Systems Council	WSC
Western States Water Council	WSWC
Bureau of Reclamation	BOR
National Aeronautics and Space Administration	NASA
US Fish and Wildlife Service	USFWS
US Dept. of Energy - Energy Information Administration	DOE - EIA
NOAA National Weather Service	NOAA-NWS
US Army Corps of Engineers	USACE
US Dept. of Agriculture - Economic Research Service	USDA - ERS
US Dept. of Agriculture – Forest Service	USDA - FS
US Dept. of Agriculture - NASS	USDA - NASS
US Dept. of Agriculture - NRCS	USDA - NRCS
US Environmental Protection Agency	USEPA



Water Census Report Timeline:

- March 1 - Identified writing team and assignments
- April 17 - Made presentation to Water Senior Staff
- May 1 - First draft of report produced
- July 10 - Make presentation to ACWI and solicit peer reviewers
- Aug 3 - Submit for colleague and external peer reviews
- Aug 24 - Reviews due back
- Oct 1 - Submit for Bureau approval
- Dec 31 - Submit to appropriate committees at Congress