



# REGIONAL WATER SUPPLY PLANNING GUIDELINES FOR TENNESSEE

Robert J. Martineau, Jr., Commissioner  
Elaine Boyd, Strategic Management Director



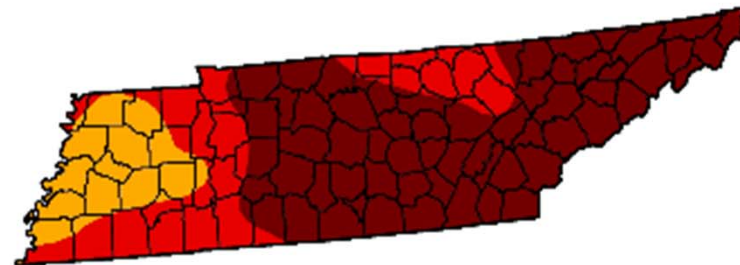
# U.S. Drought Monitor

## Tennessee

October 9, 2007  
Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	0.0	100.0	100.0	100.0	85.7	61.3
Last Week (10/02/2007 map)	0.0	100.0	100.0	100.0	85.7	61.3
3 Months Ago (07/17/2007 map)	0.0	100.0	99.2	93.9	56.6	5.7
Start of Calendar Year (01/02/2007 map)	37.7	62.3	0.0	0.0	0.0	0.0
Start of Water Year (10/02/2007 map)	0.0	100.0	100.0	100.0	85.7	61.3
One Year Ago (10/10/2006 map)	34.7	65.3	0.0	0.0	0.0	0.0



Intensity:



The Drought Monitor focuses on broad-scale conditions.  
Local conditions may vary. See accompanying text summary  
for forecast statements

<http://drought.unl.edu/dm>



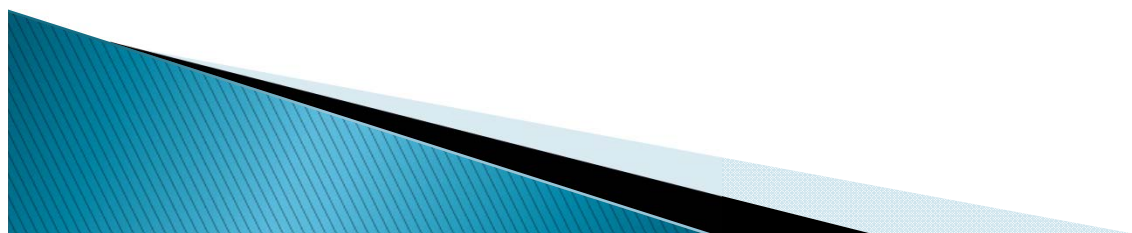
Released Thursday, October 11, 2007  
Author: J. Lawrimore/L. Love-Brotak, NOAA/NESDIS/NCDC

**Title 69 Waters, Waterways, Drains And Levees  
Chapter 7 Water Management  
Part 3 Tennessee Water Resources Information Act**

Tenn. Code Ann. § 69-7-309

**69-7-309. Technical advisory committee;  
appointment**

§ 69-7-309. The commissioner shall appoint a technical advisory committee, the number of members to be determined by the commissioner, that shall advise the commissioner on the status of the state's water resources and future planning efforts. The technical advisory committee shall be composed of representatives of federal, state, and local agencies and of appropriate private organizations, including not for profit organizations.



# Water Resources Technical Advisory Committee December 2007



**US Army Corps  
of Engineers.**  
Nashville District



Tennessee Advisory Commission on  
Intergovernmental Relations



Tennessee Association  
of Utility Districts



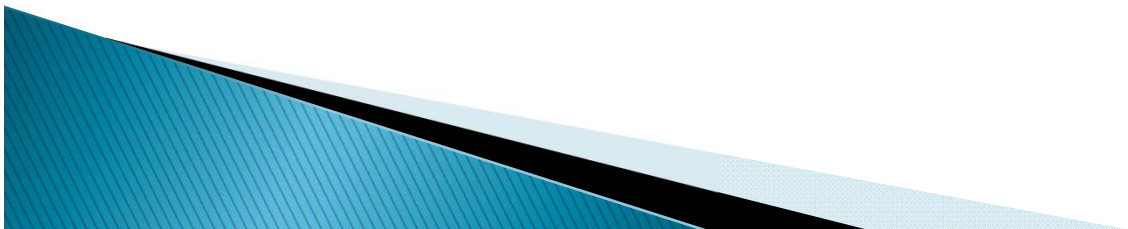
# **TDEC Drought Management Plan February 2009**

<http://www.tn.gov/environment/dws/pdf/droughtmgtplan.pdf>

# **Guidance for Developing Community Water System Drought Management Plans**

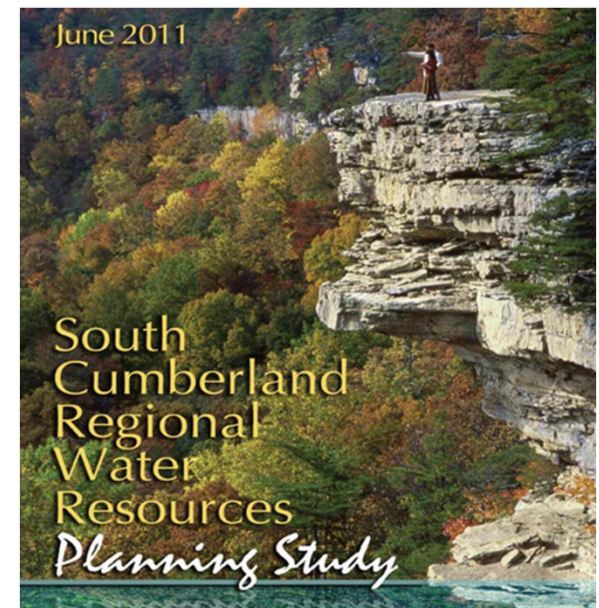
**December 2009**

[http://tn.gov/environment/dws/pdf/droughtmgtplan\\_guidance.pdf](http://tn.gov/environment/dws/pdf/droughtmgtplan_guidance.pdf)



# Regional Water Resources Planning Goals

- Sustainably matching water sources with current and future needs
- Regional approach and multi-utility district focus
- Collaborative effort



### North Central Tennessee Regional Planning Study

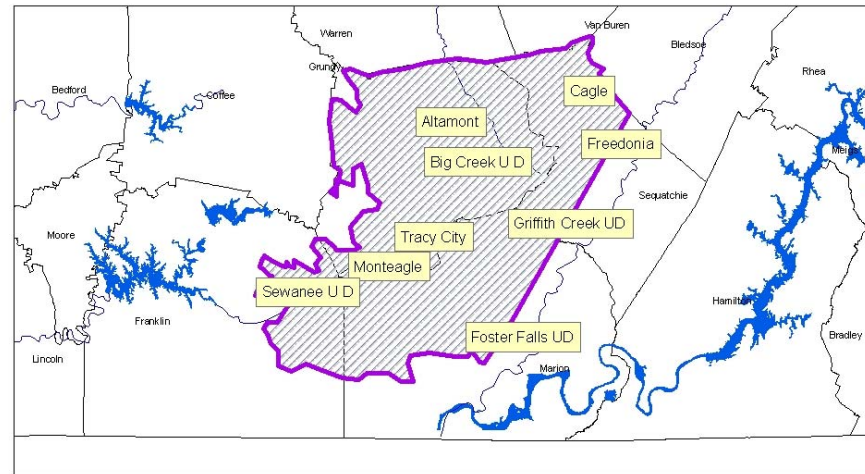


- Cities/Utility Districts
- ▭ Regional Planning Area
- ▭ TN Counties
- Major Rivers
- Major Lakes
- Highway
- Interstate
- State Rou
- U.S. High
- U.S. Alt. F

# South Cumberland Pilot Study Area

# North Central Pilot Study Area

### South Cumberland Regional Planning Study



- Legend**
- Major Rivers
  - Major Lakes
  - ▭ TN Counties
  - ▭ Regional Planning Area

# Regional Planning Process – 5 Steps

- Define Region, Identify & Engage Stakeholders
- Assess Existing Sources & Systems
- Project Future Unmet Water Supply Need
- Define & Evaluate Alternatives
- Move Toward Implementation





# Regional Water Supply Planning Guidelines for Tennessee

- February 2013 finalization
- TDEC regional planning website  
<http://tn.gov/environment/regionalplanning/>
- Pilot launched in Wayne County  
(groundwater and surface water)
- Making regional planning a reality



**Title 69 Waters, Waterways, Drains And Levees  
Chapter 7 Water Management  
Part 3 Tennessee Water Resources Information Act**

Tenn. Code Ann. § 69-7-309 (2012)

**69-7-309. Technical advisory committee.**


From time to time, the commissioner may appoint a technical advisory committee that shall advise the commissioner on matters related to the state's water resources. The commissioner may determine the identity and number of committee members and the term during which the committee will operate. The committee may be composed of representatives of federal, state, and local agencies with relevant authority and representatives of appropriate private organizations, including not-for-profit organizations.

*[www.tn.gov/environment/boards/wrtac/](http://www.tn.gov/environment/boards/wrtac/)*



# **Water Resources Technical Advisory Committee (WRTAC) 2013**

U.S. Geological Survey  
U.S. Army Corps of Engineers  
Tennessee Advisory Commission on  
Intergovernmental Relations  
Tennessee Association of Utility Districts  
Tennessee Environmental Council  
Tennessee Development District Association  
Williamson County Government  
Nature Conservancy of Tennessee  
Tennessee Wildlife Resources Agency  
Tennessee Department of Agriculture  
Tennessee Valley Authority



# Charge to the Committee

## By June 2013

- Process for approving regional water supply plans

## By January 2014

- Proposal for coordinated statewide system for reporting, maintaining and accessing basic hydrologic and water system information

## By June 2014

- Proposal of agency/organization to develop the capacity for statewide analysis of hydrologic and water system information



**QUESTIONS?**

