

Supplemental and Workgroup Reports

Additional information gained during the development of the 2012 OCWP Update is provided in various OCWP supplemental reports. In addition to more detailed reports on various technical work performed—such as studies of water availability, potential shortages, demand projections, permits, and water systems—the OCWP has documented the special work and recommendations of agencies, organizations, and legislative workgroups investigating such issues as augmenting sources through artificial groundwater recharge and water of marginal quality, evaluation of a potential state program to address instream/environmental flows, Tribal water issues and concerns, potential climate change impacts, measures to increase the effectiveness of financial assistance programs in implementing water projects, the viability of potential reservoir construction, large-scale water transfer and conveyance, water rights administration, and specific concerns of water user groups.

Upcoming OCWP Schedule

April-May 2011:
Regional Feedback and Implementation Meetings

August 2011:
Preliminary Water Board review of draft OCWP

September 2011:
Final Water Board review and public comment on draft OCWP

October 2011:
Formal Water Board consideration and adoption of OCWP

OCWP unveiled at 32nd Annual Governor's Water Conference

February 2012:
Formal submittal of OCWP to Governor and State Legislature

Oklahoma Comprehensive Water Plan - The Final Year



The 2012 Oklahoma Comprehensive Water Plan (OCWP) Update, a 5-year effort conducted by the Oklahoma Water Resources Board, is nearing completion. During the final year of development, and prior to formal submittal to the Governor and State Legislature in February 2012, the OWRB and its planning partners will continue to solicit important input from stakeholders, citizens and others with a vested interest in the future of Oklahoma's water resources.

From the outset, the OWRB has focused foremost on an updated Water Plan that is "FIT" (Fair – Inclusive – Transparent).

The OCWP process includes an unprecedented level of openness, collaboration, and public involvement, especially in development of water policy recommendations.

OCWP Executive Report

The five-year OCWP process will culminate in publication of an Executive Report highlighted by numerous water policy recommendations, including priority issues for legislative consideration and implementation. This final report will also include a summary of water supply "hot spots" throughout the state where future water deficits could particularly limit regional growth.

Final Steps

At monthly meetings, OWRB members will review and approve each of the 13 Watershed Planning Region Technical Reports beginning with the Panhandle report in June.

Following incorporation of input from the Feedback and Implementation Meetings, staff will present the preliminary draft of the 2012 OCWP Update (including a specific implementation strategy) to Board members for review at the OWRB's August meeting. At the OWRB's September meeting, the public will be invited to comment on the draft OCWP prior to formal consideration and approval of the final 2012 OCWP Update at the October Board meeting.

The 2012 OCWP Update will be officially unveiled at the Governor's Water Conference in mid-October in advance of submittal to the Governor and State Legislature in February 2012.

Feedback & Implementation Meetings

Beginning April 19 in Beaver, Oklahoma, a final round of regional statewide meetings will be held to gather comments and suggestions on the draft Water Plan and its various components. Each meeting, open to the general public, will include both an afternoon and evening session, each focusing on distinct aspects of the draft OCWP.

OCWP Feedback & Implementation Meetings

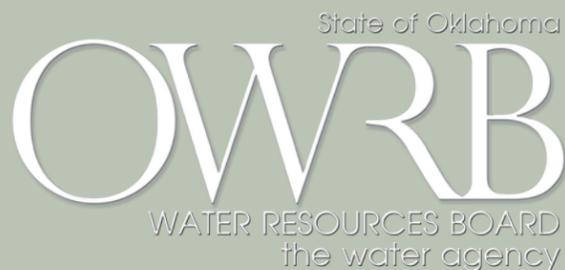
Date	Planning Region (Location)
April 19	Panhandle (Beaver)
April 26	Southwest (Lone Wolf)
April 27	West Central (Clinton)
April 28	Upper Arkansas (Enid)
May 3	Middle Arkansas (Tulsa)
May 4	Grand (Grove)
May 5	Lower Arkansas (Stigler)
May 17	Eufaula (McAlester)
May 18	Southeast (Antlers)
May 19	Blue-Boggy (Coalgate)
May 24	Lower Washita (Sulphur)
May 25	Beaver-Cache (Lawton)
May 26	Central (Oklahoma City)



The afternoon session, beginning at 1:30, will focus on the technical aspects of the water planning process and will primarily involve public water supply providers in that particular OCWP watershed planning region. The evening session, beginning at 6:30, will provide citizens and other stakeholders with an opportunity to contribute comments on water policy recommendations developed over the last four years as well as suggestions on the best ways to implement various initiatives arising from the Water Plan.

To date, the OWRRI has hosted 86 local, regional, and statewide water planning meetings and engaged thousands of Oklahomans in the public input process. Collectively, participants have invested almost 30,000 hours in the process so far.

The mission of the OWRB is to enhance the quality of life for Oklahomans by managing, protecting, and improving the state's water resources to ensure clean, safe, and reliable water supplies, a strong economy, and a healthy environment.



OCWP Watershed Planning Region Reports

The 2012 OCWP Update represents the most ambitious water planning effort ever undertaken by the state. In addition to the unprecedented level of citizen involvement, which will result in well-vetted water policy recommendations, the 2012 OCWP Update includes a wealth of technical data and information that will be indispensable to water providers, policy makers, and water users in making informed decisions concerning the use and management of Oklahoma's water resources.

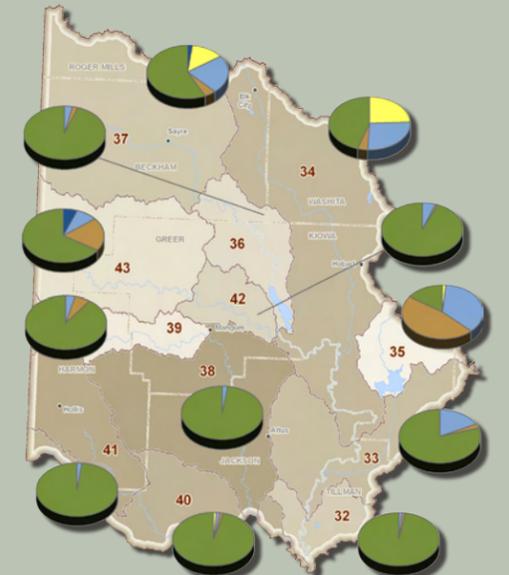
Thirteen Watershed Planning Region technical reports, including water supply/demand assessments on 82 basins in Oklahoma, detail each region's current and future water supply situation, future supply challenges, and potential options to secure water for Oklahomans through the next 50 years and beyond.



Geographic Features Grand Region

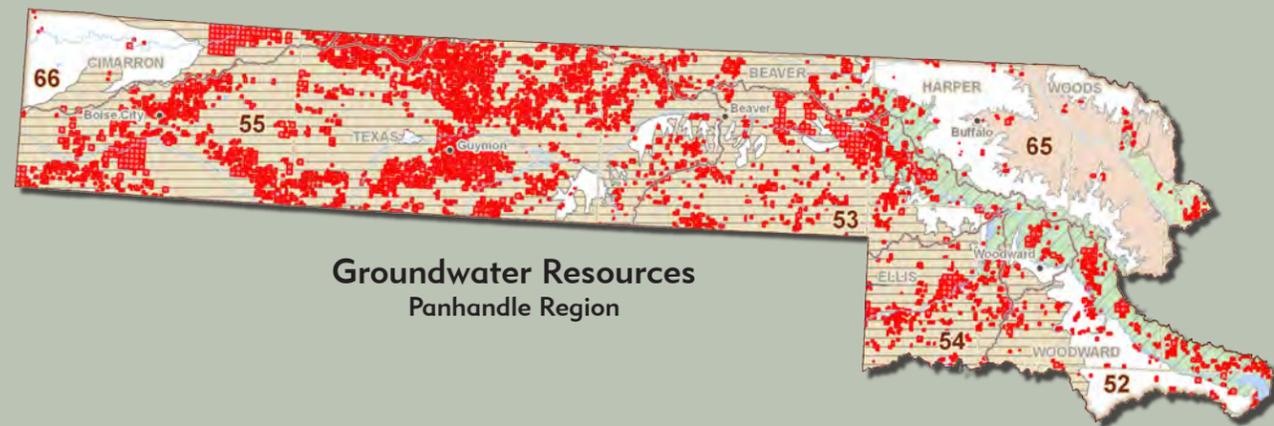


The 2012 OCWP Update includes the best and most comprehensive state hydrologic, water use and water quality data currently available.



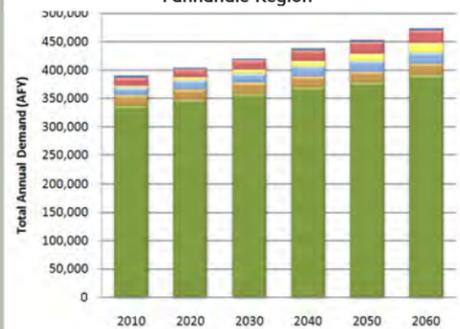
Total 2060 Water Demand by Sector and Basin Southwest Region

Water Quality Impairments Central Region



Groundwater Resources Panhandle Region

Total Water Demand by Sector Panhandle Region



Groundwater Resources Panhandle Region

Aquifer Name	Type	Class ¹	Percent	Current Groundwater Rights AFY	Aquifer Storage In Basin AF	Equal Proportionate Share AF/acre	Groundwater Available For New Permits AFY
Canadian River	Alluvial	Major	0%	0	12,000	1.0	6,400
Cimarron River	Alluvial	Major	1%	10,600	327,000	temporary (2AF/Acre)	140,100
El Reno	Bedrock	Minor	8%	4,200	2,560,000	temporary (2AF/Acre)	978,700
North Canadian River	Alluvial	Major	8%	90,600	4,348,000	1.0	413,700
Ogallala	Bedrock	Major	65%	1,405,200	84,371,000	2.0	6,100,000
Non-Designated Groundwater Source	Alluvial	Minor		10,500			
Non-Designated Groundwater Source	Bedrock	Minor		23,000			

1. Minor aquifers generally provide lower yields and are typically less dependable as water supplies than major aquifers for the calculation of gaps and storage depletions.
2. Alluvial aquifer recharge is represented in streamflow.

Ten separate technical workgroups, including more than 100 experts, have provided invaluable input into OCWP technical methodologies and decisions.

Potential Reservoir Sites West Central Region



Stream Water Quality Trends Beaver-Cache Region

Parameter	Beaver River near Terrell, OK		East Carter Creek near Walters, OK	
	All Data Trend (1965-2009)	Recent Trend (1976-2009)	All Data Trend (1975-93, 1998-2009)	Recent Trend (1979-93, 1998-2009)
Conductivity (µs/cm)	(1965-93, 1998-2009)	NT	(1975-93, 1998-2009)	
Turbidity (NTU)	(1975-93, 1998-2009)		(1979-93, 1998-2009)	
Total Phosphorus (mg/L)	(1975-93, 1998-2009)	NT	(1976-93, 1998-2009)	

Total Nitrogen (mg/L)
 ||| or ||| = Highly significant upward or downward trend (alpha <= 0.05)
 || or || = Moderately significant upward or downward trend (alpha <= 0.10)
 | or | = Slightly significant upward or downward trend (alpha <= 0.20)
 NT = No significant trend detected
 N/A = Data not available