

Southwestern Division Footprint



Civil Works Mission Areas

Little Rock District's MV Ted Cook positions the Crane Barge Mike Hendricks at Dam 2 during the flood of 2011



Navigation (Inland)
2 major waterways
(GIWW and MKARNS)



Hydroelectric Power
•18 power plants in 6 states produce 6.7 billion kw hours
•87% of regional capacity, third in the Corps

Bull Shoals Powerhouse, Arkansas



Sardis Dam, Oklahoma

Water Supply

- 8.4 million acre-feet of water storage
- Water control contracts = water for 1.8 million households



Recreation

- 20 percent of the Corps' total recreation projects located within the regional boundary
- 83 million visitors at 90 operating projects located in five states

Moonshine Beach, Table Rock Lake, Mo.



Flood Damage Reduction

- 74 flood damage reduction lakes/reservoirs
- 33.22M acre-feet of flood storage
- 760 miles of local flood protection projects
- \$85 B in cumulative flood damage prevention



Dallas Floodway

Regulatory (work in waters & wetlands)

- Over 5000 permit decisions annually
- Protection of waters & wetlands

Regulators examine soils on a wetland delineation field visit.



Navigation (Ports and Channels)

- 3 of the Nation's "Top Ten" ports
- 32 channels (15 deep draft, 17 shallow draft)
- More than 500 M tons of commerce annually



Houston Ship Channel



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Our Nation's Infrastructure GPA -- D



Roads



Railways



Runways



Rivers

Transforming in the “New Normal”

- Delivering Civil Works projects quicker, less expensive that meet the needs of the public.
- Optimizing use of limited federal funding
- More open, transparent in how funds are being used
- Coordinate the business case for achieving greater value



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Water Supply in the Southwestern Division

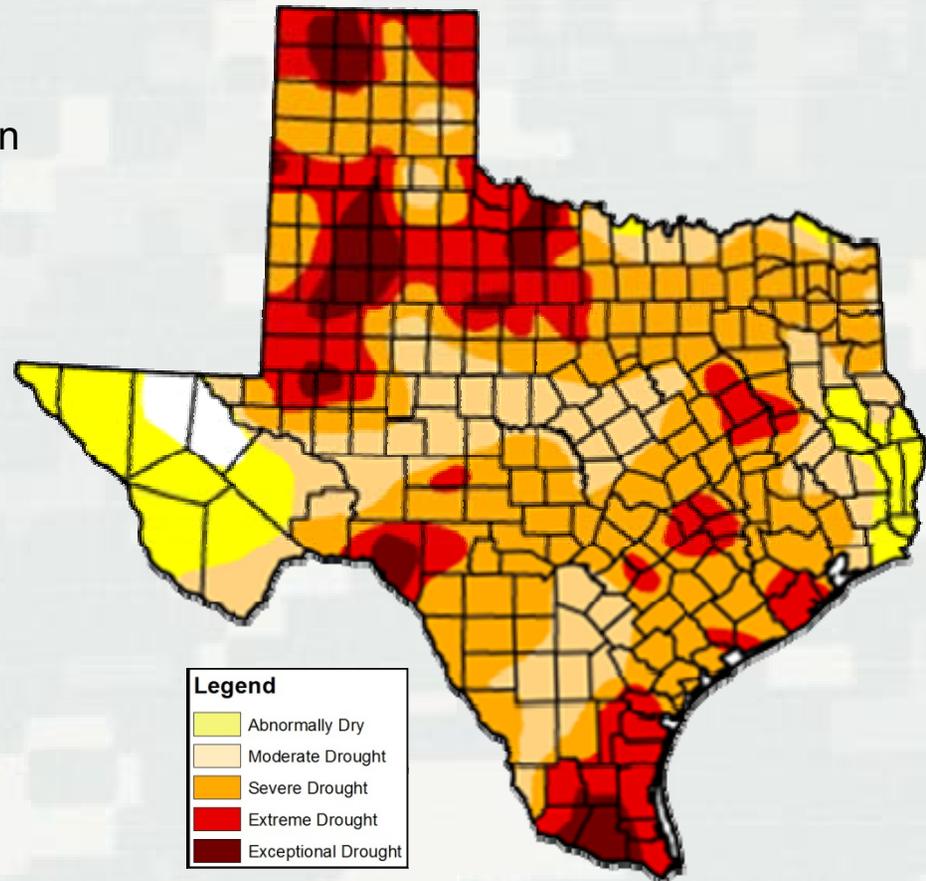
- The Corps is the single largest water supplier in the region:
 - ▶ SWD reservoir projects currently contain **8.4 million** acre-feet of storage for municipal, industrial and agricultural use.
 - 36% of the potable water for Texas
 - 35% of the potable water for Oklahoma
 - 20% of the potable water for Kansas
- Working with the states and water providers to meet the needs now and in the future.

Drought in Texas

Reservoir storage is the lowest we have seen since 1990 for this time of year.

- **Drought statistics**
- 97% of state currently in drought
- 99% a week ago
- 99% three months ago
- 88% a year ago

- **Reservoir statistics (statewide)**
- Currently 63% full
- 64% a week ago
- 66% three months ago
- 72% a year ago
- Normally 83% at this time



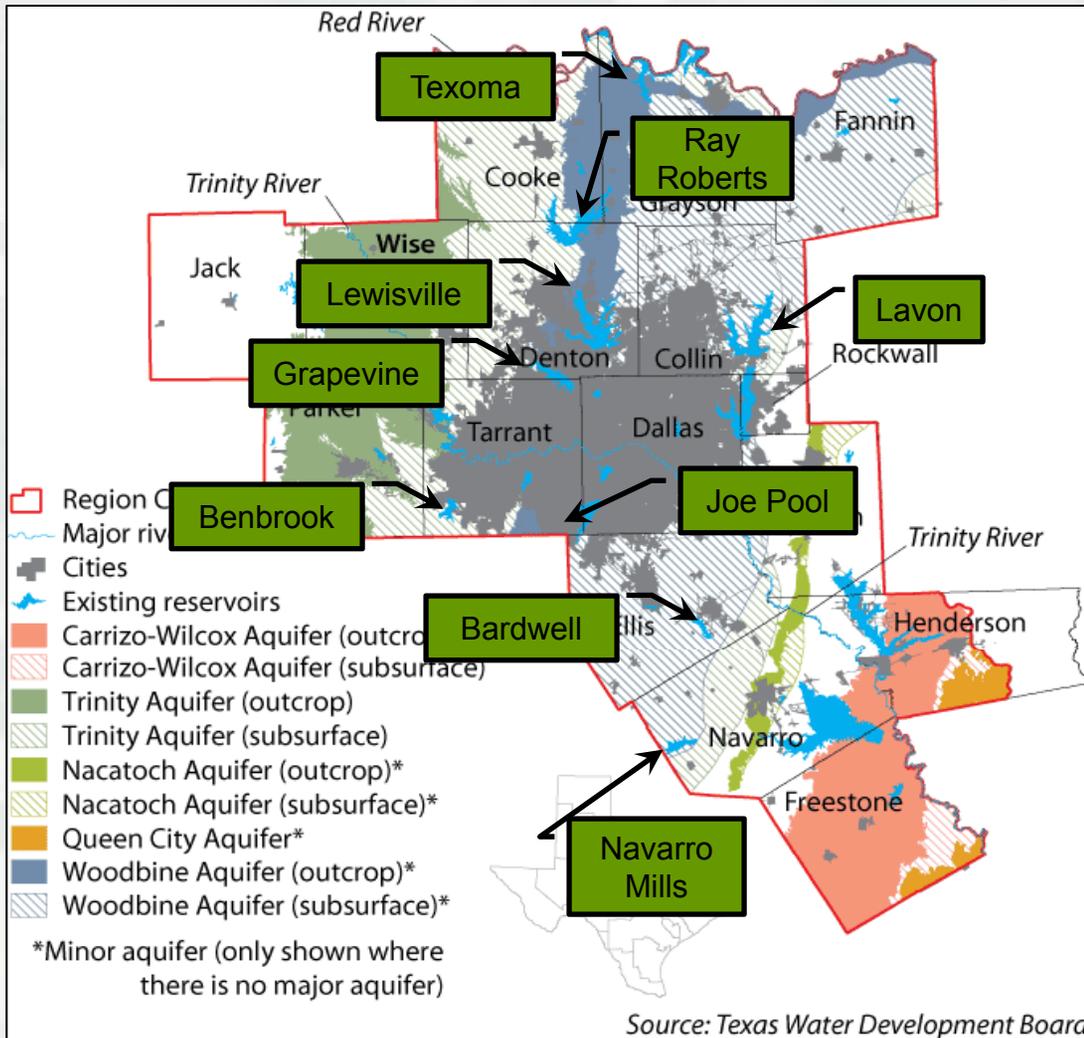
As of Aug. 8, 2013
Map courtesy
U.S. Drought Monitor



Source: Texas Water Development Board

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State Planning Region C



USACE Activities	
Watershed Systems	
Total Acre-Feet of Water Supply	2,108,250
Ongoing Studies	<ol style="list-style-type: none"> 1) Lake Grapevine Sedimentation Survey 2) Lake Lavon Sedimentation Survey
Future Potential Studies	<ol style="list-style-type: none"> 1) Lake Lavon Reallocation 2) Trinity River Basin Study
Dam Safety Projects	1) Lewisville Lake
Major Maintenance	1) Lewisville Lake Spillway Repair
Implementation of Future State Water Regulatory Permits	<ol style="list-style-type: none"> 1) Lake Ralph Hall 2) Lake Bois d' Arc 3) DWU/TRWD Pipeline



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Corps in the community...

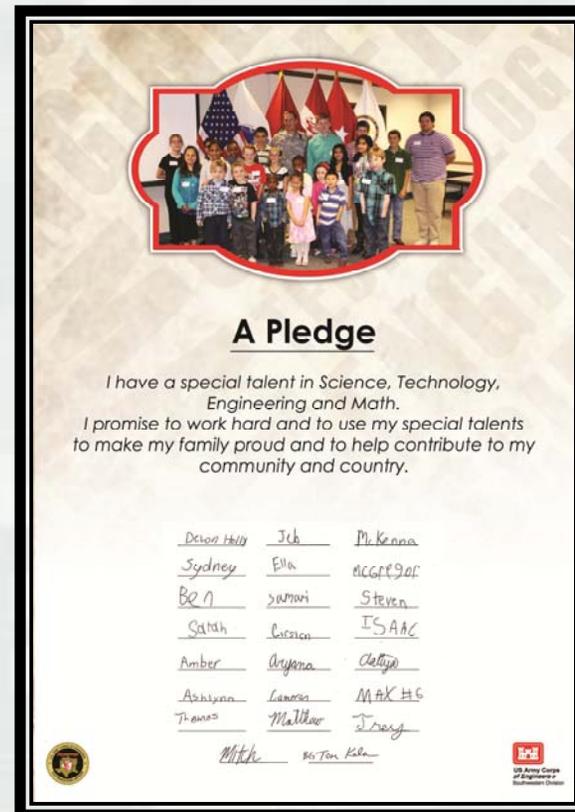
- Science, Technology, Engineering and Mathematics – STEM
 - ▶ The Nation and the Corps have a critical need for STEM graduates.
- Veteran's and Wounded Warrior support
 - ▶ They're coming to North Texas
 - ▶ Still ready to serve
 - ▶ Creating opportunities



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STEM

- National need for engineers
- Increasing our STEM outreach effort
- Challenges, Opportunities and the Corps



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Veteran and Wounded Warrior Support

- Outreach
 - ▶ New ways to reach our Veteran's and Wounded Warriors
- Educate
 - ▶ Our service members are highly trained professionals
- Change
 - ▶ Current perception is NOT accurate



Hire a Veteran Video

www.wtc.army.mil



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The background of the slide features a sunset sky with soft, glowing clouds. In the foreground, there are dark silhouettes of several people wearing hard hats. One person in the center is pointing their right hand towards the right side of the frame. The overall tone is professional and forward-looking.

Corps of Engineers' Vision

Engineering solutions for our Nation's toughest challenges.

Corps of Engineers' Mission

Deliver vital public and military engineering services; partnering in peace and war to strengthen our Nation's security, energize the economy and reduce risks from disasters.

What Can You Do?

- Tell the Story
- Help us transform the Civil Works process.
- Continue to partner with stakeholders, industry and beneficiaries of the system.
- Help the Nation prioritize efforts and projects.
- Our Nation needs engineers.
- Our Veterans need employment.



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