# Panola County Groundwater Conservation District

# Annual Report 2012

**www.pcgcd.org**

# General Manager's Report

## 2012 Challenges and Accomplishments

The year 2012 was a year of enforcement and science. Due to achieving some stability in the organization, the staff was able to focus on the enforcement of the rules through the registrations, permits, and production reports. The staff was also able to work on data collection, consulting with hydrologists for mapping of the aquifer, and with local landowners on water quality issues.

The District was fortunate to maintain the same staff from 2011 through 2012 and on into 2013. Having been with the District long enough to obtained a working knowledge of the rules, staff was able to apply the rules to applications and registrations to determine if any people where in violation of the rules. The first step was a mass mail out to all drillers and companies that deal with water wells of the rules to ensure everyone was given an opportunity to be officially notified. Once notified, we began working with water well drillers to understand how the rules effect them through a three step notification process of verbal warnings, written warnings, and finally enforcement through our approved Civil Penalty Schedule.

Because there was some resistance to comply with the District rules from water well drillers and some land owners, the District did use the Civil Penalty Schedule for enforcement; however, our goal was to find a way to work with the people in the water well industry without enforcement. I believe we have been able to achieve this in 2012 and will continue to work on it in 2013.

To assist with familiarizing ourselves with the aquifer and the complications of our area, the District began to explore the properties of the aquifer through scientific methods. The hydraulic fracturing pond monitoring program started in 2011 was expanded with each new hydraulic fracturing pond to monitor the effect these large ponds had on the aquifer and local landowners. An RFQ was issued to provide a baseline of the health of the aquifer and help identify some of the water quality issues we face in the County. Water quality complaints were investigated as reports of contaminated groundwater were made to the District.

Through these discoveries and learning opportunities, staff will be able to carry a wealth of knowledge into 2013 to continue to improve the District and the services we provide to the County. Knowledge of the aquifer in Panola County can help us provide for better regulation of a limited resource and ensure the availability of this resource in the generations to come.

The year 2013 will bring an update to our management plan and the continuation of preparing for the new Desired Future Conditions of the aquifer. The District will plan to work on completing the necessary research to provide accurate information for the creation of precise decisions about our limited resource - groundwater.

# Introduction

**CREATION**

The Panola County Groundwater Conservation District was created by the 80th Texas Legislature and the citizens of Panola County in 2007. The District opened it's doors for business in January of 2008.

**MISSION**

It is the District's mission to preserve and protect the groundwater resources of Panola County. The District will accomplish this mission by working to minimize the drawdown of the groundwater levels, prevent the waste of groundwater and reduce the degradation of the quality of the groundwater located in the Panola County area.

**AUTHORITY**

The District has the authority and duties given to Groundwater Conservation District's by Texas Water Code Chapter 36, 31 Texas Administrative Code (TAC) Chapter 356, and the District's enabling act. The District exercises the authority it has been granted to preserve and protect the groundwater resources of Panola County through the adoption and implementation of rules for the District.

# Introduction Continued

## DIRECTORS

The Board of Directors consists of nine members who are elected by the voters of Panola County. The District utilizes the same four precinct boundaries which are used for the Panola County Commissioners when filling eight of the District's director positions. One director position for the District is elected at-large from Panola County. Elections are held in November of each even-numbered years. The directors of the District each are elected to a four –year term and a director may serve consecutive terms.

## LOCATION AND EXTENT

The boundaries of the District are the same as Panola County. This area encompasses approximately 801 square miles (approximately 512,640 acres). The District is bounded by Harrison County to the north, Gregg and Rusk Counties to the west, Shelby County to the south, and the State of Louisiana to the east.

# Board of Directors and Staff

## DIRECTORS

Larry Dorman, President……..…...…….Precinct Two
James Browning, Vice-President…….Precinct Two
Danny Reed, Secretary…….....Precinct One
Jim Payne, Treasurer……..Precinct Three
Mike Pennington, Director……...…....Precinct One
Al Clay, Director……....Precinct Three
Larry McMillan, Director……Precinct Four
Richard Bagley, Director……Precinct Four
Bobby Langford, Director……..……At-Large

## STAFF

Leah Adams……...General Manager
Betty Boothe…..……..…….....Office Manager
Jess Landreneau……...Field Technician

## OFFICE

Address:
419 West Sabine
Carthage, TX 75633

Phone: 903-690-0143
Fax: 903-690-0135
Email: pcgcd@att.net

# Management Plan Goals

The District Management Plan identifies the goals and objectives of the District and provides performance standards and tracking methods to measure the District's effectiveness in meeting these goals. The District goals are mandated by Texas Water Code Chapter 36 in Section 36.1071. Although all groundwater conservation districts are subject to these goals, each district chooses how to best implement the goals within their district by establishing their own objectives and performance standards. The District goals are as follows:

A. providing the most efficient use of groundwater
B. controlling and preventing waste of groundwater
C. addressing conjunctive surface water management issues
D. addressing natural resource issues which impact the use and availability of groundwater, and which are impacted by the use of groundwater
E. addressing drought conditions
F. addressing conservation, recharge enhancement, rainwater harvesting, precipitation enhancement, or brush control, where appropriate and cost effective

**The following is a summary of the District's activities related to these goals.**

# Goal A: Providing the Most Effective Use of Groundwater

**Objectives**

***A.1 Objective:*** The District Management Plan states that the District will require the registration of all wells within the District's boundaries each year.

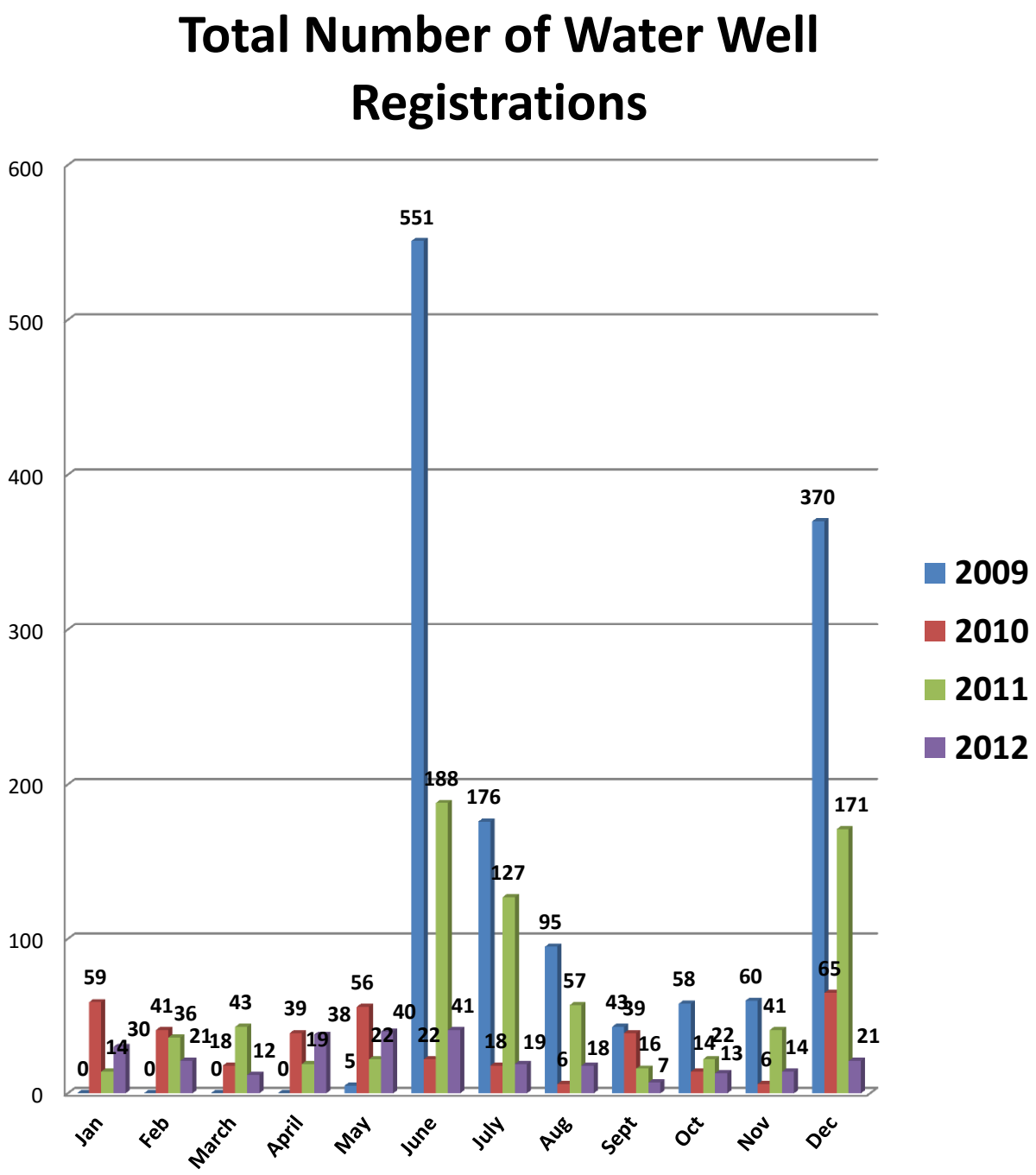
**Performance Standard**

**A.1 Standard:** The number of new and existing wells registered with the District will be provided in the Annual Report for each fiscal year.

## Summary of Actions

In 2012, the District accepted and reviewed 274 applications for water wells. That was 482 less than 2011, 109 less than 2010, and 1,084 less than 2009. The total applications accepted are 2,771.The following page offers a graph for comparison of all the numbers. The District will continue to accept and process applications in 2013 with an emphasis on trying to ensure all historical wells are registered with the District. Currently, we have 2,596 wells plotted in our ARC GIS mapping system. The difference between ARC and the registration form are 175 wells where applications have been sent in, but we cannot find an actual water well in the field to match the application. In 2013, we will continue to resolve this discrepancy.

# New and Existing Water Well Numbers



# Goal A: Providing the Most Effective Use of Groundwater Continued

**Objectives**

**A.2 Objective:** The District will require permits for all non-exempt groundwater use within District boundaries pursuant to the District Rules each year.

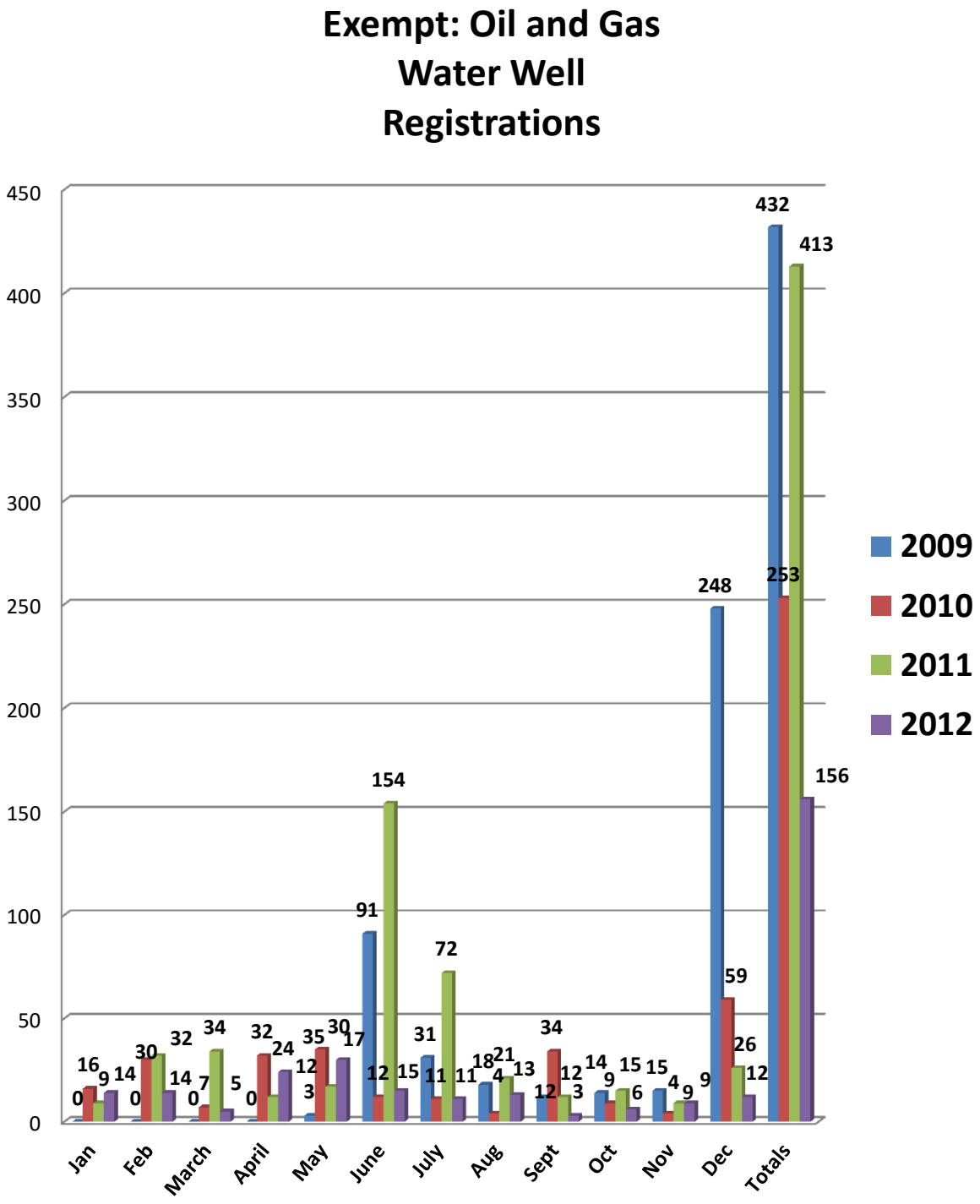
**Performance Standard**

**A.2 Standard:** The District will accept and process applications for permits for all non-exempt groundwater use pursuant to the permitting process described in the District Rules each year. The Annual Report for each fiscal year will contain a summary of the number of applications for the permitted use of groundwater and the number and type of permits issued.

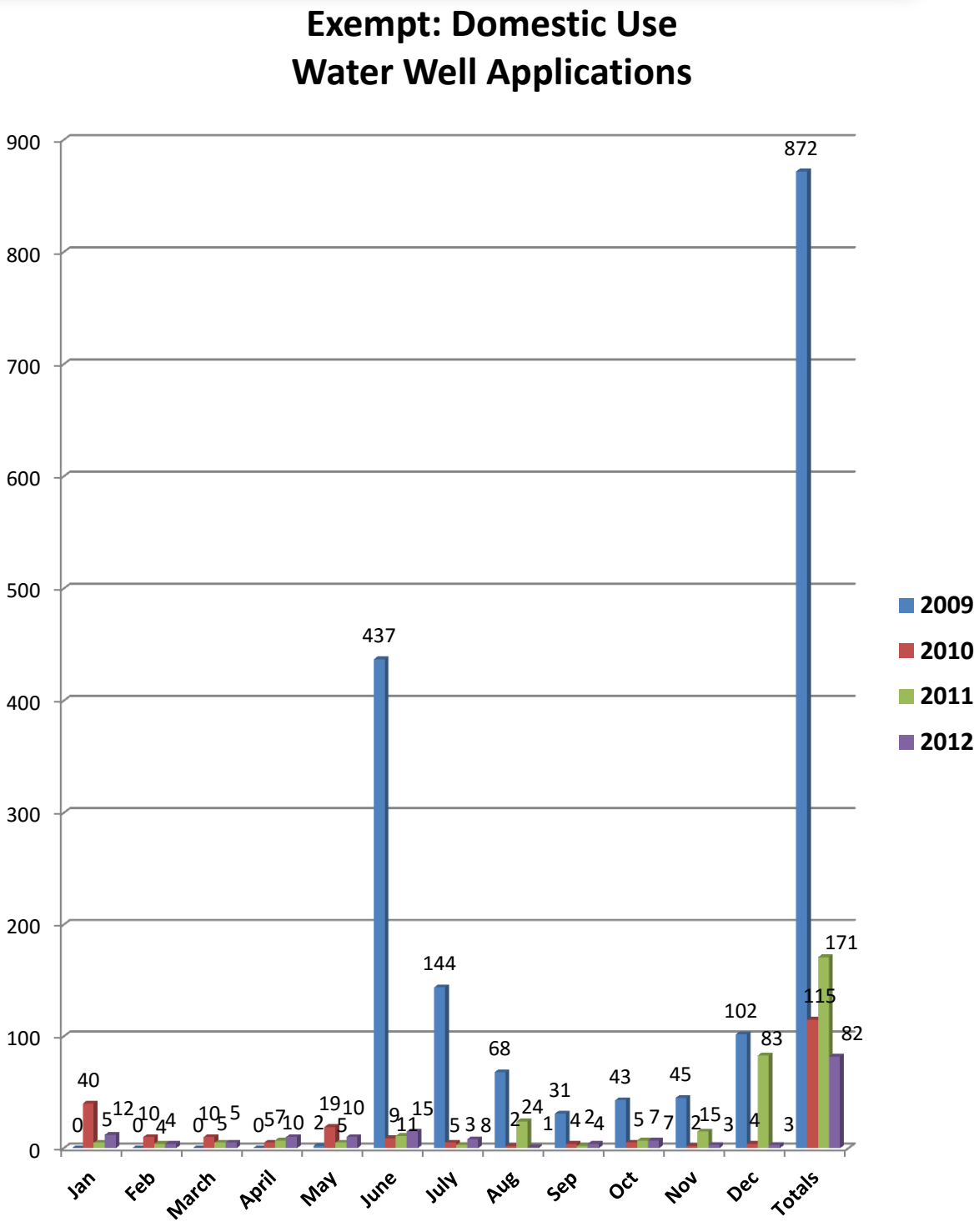
## Summary of Actions

Of the 274 applications received in 2012, we had 156 Exempt: Oil and Gas applications, 82 Exempt: Domestic use applications, and 58 Non-Exempt Applications. The three following pages shows graphs of the number of wells and types, included are the numbers for 2009, 2010 and 2011 for comparison.

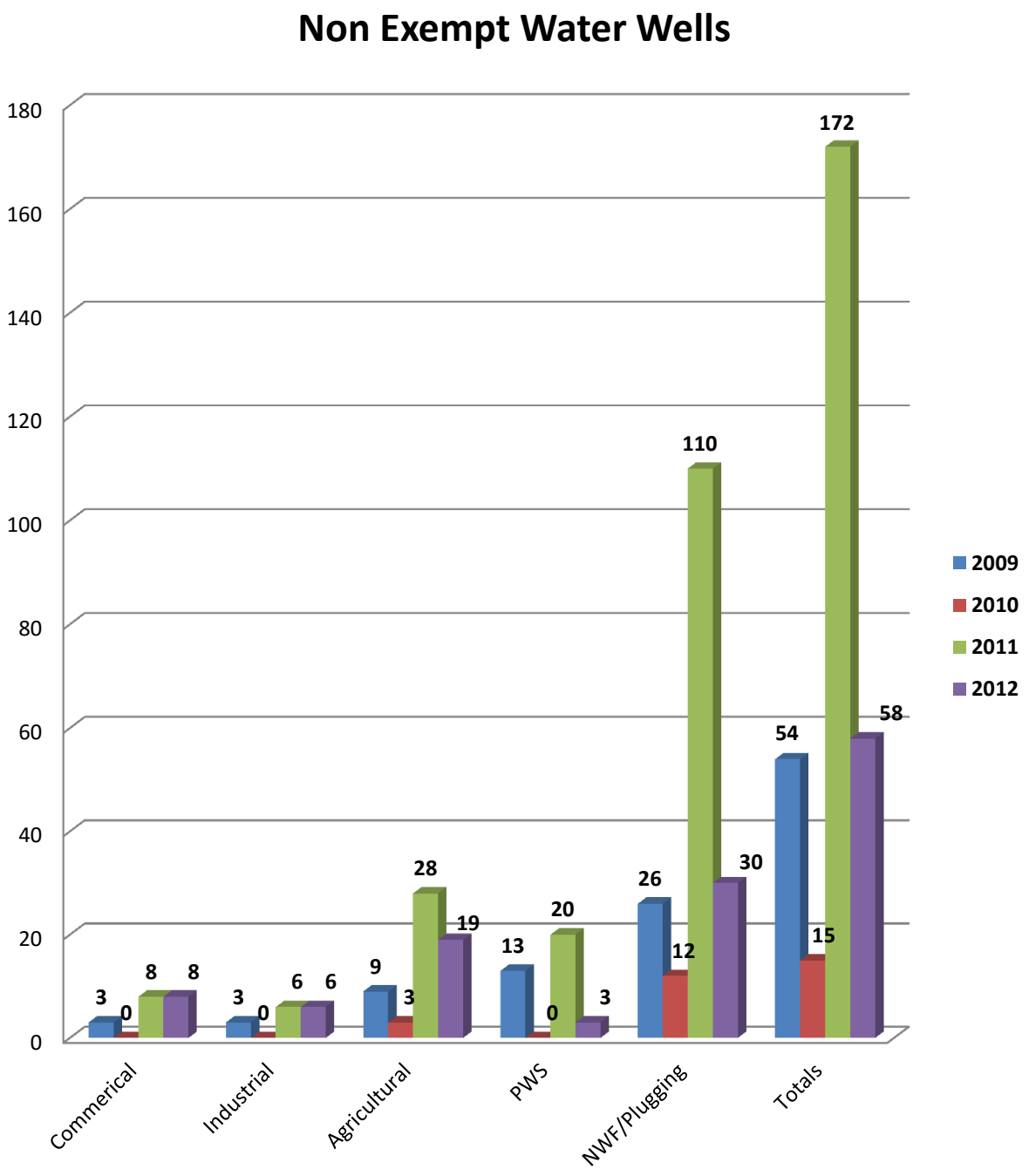
# Exempt: Oil and Gas Wells



# Exempt: Domestic Use



# Non Exempt Water Well Applications



# Goal B: Controlling and Preventing Waste of Groundwater

## Objectives

B.1 Objective: The District will provide information on an annual basis to the public on the elimination, reduction, and prevention of the waste of groundwater and information focused on water quality protection each year.

## Performance Standard

B.1 Standard: The District's Annual Report will include a summary of the District's efforts during the fiscal year to provide educational information to the public on the elimination, reduction and prevention of the waste of groundwater.

## Response

In March of 2012, the District sponsored a Groundwater 101 Class in conjunction with the Texas A&M AgriLife Extension Service. The Groundwater 101 class was presented in conjunction with CE hours for pesticide usage. The website, www.pcgcd.org, also contains links to a number of useful websites pertaining to the elimination, reduction, and prevention of the waste of groundwater. The following two pages are a snapshot showing the mailer for the class and these links on our website.

- Groundwater Issues and Water Rights
  Leah Adams
  General Manager PCGCD

- Chemical Laws and Regulations
  Lee Dudley
  CEA Ag & NR
  Panola County

## LAB Committee Members

| | |
|---|---|
| Gladys Baker | Ross Brown |
| James Browning | Marysue Holder |
| Dean Hopkins | Ricki Keeling |
| Paul Leggett | Patsy Meek |
| R.C. Nicholson | Jim Payne |
| Hermon Reed | Jeretta Thompson |

Sincerely,

Lee Dudley

Lee Dudley
County Extension Agent-AG/NR

Educational programs of Texas AgriLife Extension Service are open to all people without regard to race, color, sex, disability, religion, age, or national origin. The Texas A&M University System, U.S. Department of Agriculture, and the County Commissioners Courts of Texas Cooperating

Individuals with disabilities who require an auxiliary aid, service, or accommodation in order to participate in this program are encouraged to contact Lee Dudley at 903-693-0380 for assistance.

AgriLIFE EXTENSION
Texas A&M System

# Water Rights 101 Information Meeting

## March 22, 2012
## 6:00 p.m.

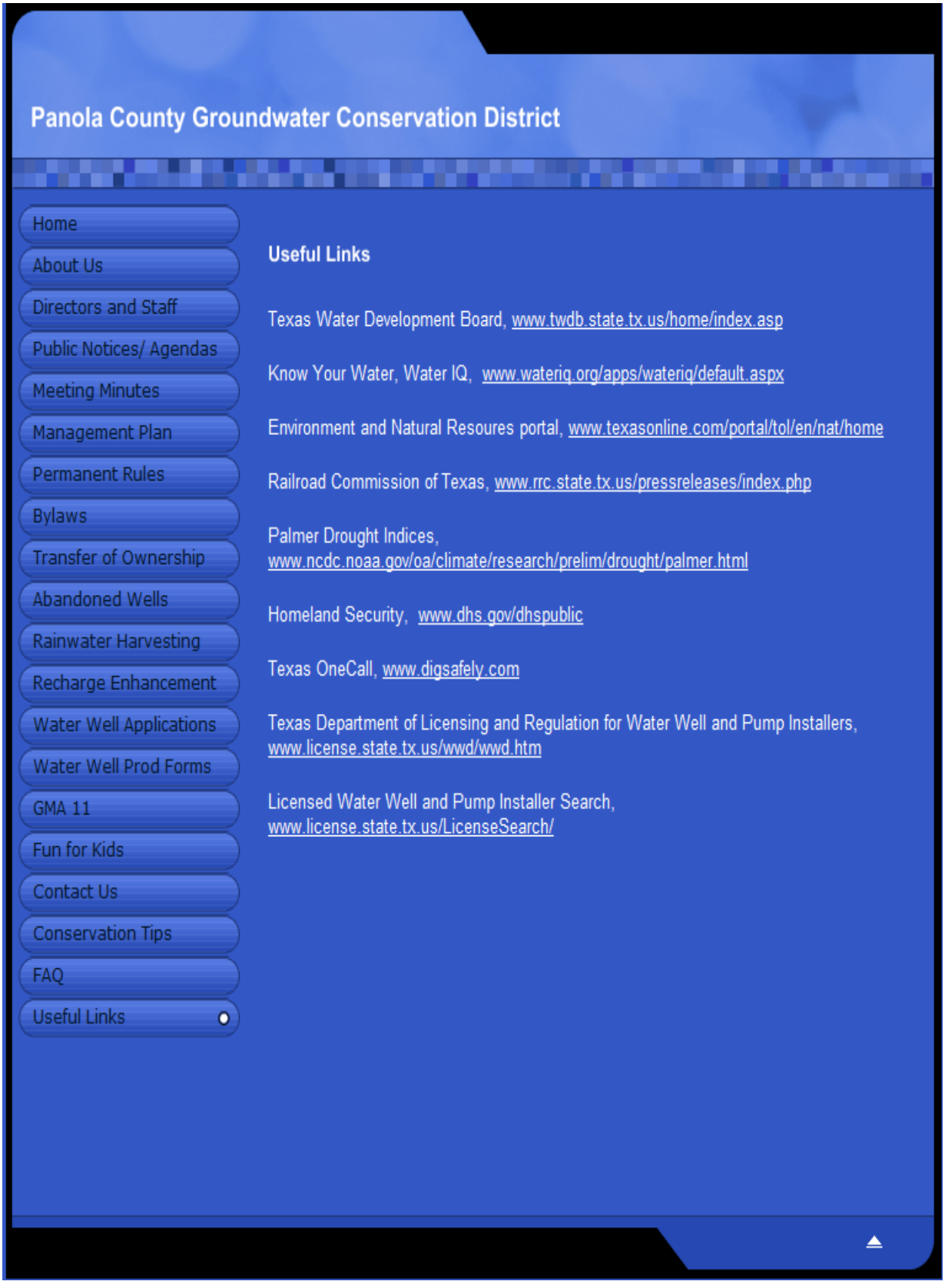
RSVP By Calling
(903)693-0380
By March 19, 2012

**Panola County Exposition Center**

**Program Fee: $10.00**

Meal Provided
2 CEU's
**Sponsors:**
**Panola County Groundwater Conservation District**

**Panola LAB**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Meeting Minutes
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Permanent Rules
Bylaws
Transfer of Ownership
Abandoned Wells
Rainwater Harvesting
Recharge Enhancement
Water Well Applications
Water Well Prod Forms
GMA 11
Fun for Kids
Contact Us
Conservation Tips
FAQ
Useful Links
Useful Links
Texas Water Development Board, www.twdb.state.tx.us/home/index.asp
Know Your Water, Water IQ, www.wateriq.org/apps/wateriq/default.aspx
Environment and Natural Resoures portal, www.texasonline.com/portal/tol/en/nat/home
Railroad Commission of Texas, www.rrc.state.tx.us/pressreleases/index.php
Palmer Drought Indices,
www.ncdc.noaa.gov/oa/climate/research/prelim/drought/palmer.html
Homeland Security, www.dhs.gov/dhspublic
Texas OneCall, www.digsafely.com
Texas Department of Licensing and Regulation for Water Well and Pump Installers,
www.license.state.tx.us/wwd/wwd.htm
Licensed Water Well and Pump Installer Search,
www.license.state.tx.us/LicenseSearch/

# Goal B: Controlling and Preventing Waste of Groundwater

**Objectives**

**B.2 Objective:** The District will make an annual evaluation of its Rules to determine whether any amendments are necessary to facilitate prevention of waste of the groundwater within the District boundaries.

**Performance Standard**

**B.2 Standard:** The District's Annual Report will include a summary of the evaluation of the District Rules and will provide a recommendation as to whether any amendments to the Rules are needed to facilitate prevention of waste.

## Response

The District continues to revamp the District rules to ensure they are current and are meeting the groundwater issues of the District. In June, the District began looking at changing the rules regarding the requirements of a hydrogeological study on water wells that produce more than 150 gallons per minute. The item stayed on the agenda almost everyone month until it was approved in October. The District wanted to make sure that we got the rule requirement accurate. Attached are copies of the first and last public hearing notices for the changes.

## PANOLA COUNTY GROUNDWATER CONSERVATION DISTRICT
## NOTICE OF PUBLIC HEARING ON DISTRICT RULE AMENDMENTS

Notice is hereby given that the Board of Directors of the Panola County Groundwater Conservation District ("District") will hold a public hearing on Tuesday, June 26, 2012, at 5:30 p.m. in the District office located at 419 West Sabine Street, Carthage, Texas 75633, to discuss, consider, receive public comment, and potentially act on the adoption of proposed amendments to the District Rules. The proposed amendments to the District Rules include the changing of the requirement to conduct a Hydrogeological Report to apply to all water wells that meet the conditions for submitting a Hydrogeological Report, the establishment of the Hydrogeological Report Guidelines outlining the requirements for the submission of Hydrogeological Reports, and to authorize the General Manager to approve certain spacing exemption requests and to determine those spacing exemption requests that need Board approval.

All interested members of the public are invited to attend. Any person who wishes to present comments or other information at the hearing may do so in person, by counsel, or both. Comments may be presented verbally or in written form. Limits may be placed on the amount of time that each person is allowed to present verbal comments at the hearing. The hearing posted in this notice may be recessed from day to day or continued where appropriate. A copy of the proposed District Rules may be requested by email at pcgcd@att.net, may be reviewed or copied at the District office, 419 West Sabine Street, Carthage, Texas 75633, or are available on the District's website at www.pcgcd.org.

FILED FOR RECORD
IN MY OFFICE
AT 9:30 O'CLOCK A M.

JUN 05 2012

CLARA JONES
COUNTY CLERK, PANOLA COUNTY, TEXAS
BY [signature] DEPUTY

## PANOLA COUNTY GROUNDWATER CONSERVATION DISTRICT
## NOTICE OF PUBLIC HEARING ON DISTRICT RULE AMENDMENTS

Notice is hereby given that the Board of Directors of the Panola County Groundwater Conservation District ("District") will hold a public hearing on Tuesday, October 23, 2012, at 5:30 p.m. in the District office located at 419 West Sabine Street, Carthage, Texas 75633, to discuss, consider, receive public comment, and potentially act on the adoption of proposed amendments to the District Rules.

The proposed amendments to the District Rules include changing the requirement to conduct a Hydrogeological Report to apply to all water wells that meet the conditions for submitting a Hydrogeological Report and the establishment of the Hydrogeological Report Guidelines outlining the requirements for the submission of Hydrogeological Reports.

All interested members of the public are invited to attend. Any person who wishes to present comments or other information at the hearing may do so in person, by counsel, or both. Comments may be presented verbally or in written form. Limits may be placed on the amount of time that each person is allowed to present verbal comments at the hearing. The hearing posted in this notice may be recessed from day to day or continued where appropriate. A copy of the proposed District Rules may be requested by email at ladamspcgcd@att.net, may be reviewed or copied at the District office, 419 West Sabine Street, Carthage, Texas 75633, or are available on the District's website at www.pcgcd.org.

FILED FOR RECORD
IN MY OFFICE
AT 11:25 O'CLOCK A M

OCT -3 2012

CLARA JONES
COUNTY CLERK, PANOLA COUNTY, TEXAS
BY _____ DEPUTY

# Goal C: Addressing Conjunctive Surface Water Management Issues

## Objectives

**C.1 Objective:** The District will participate in the regional planning process by sending a representative to attend at least one meeting of the East Texas Regional Water Planning Group (Region I) each fiscal year.

## Performance Standard

**C.1 Standard:** The attendance at any Region I meeting by a representative of the District will be included in the District's Annual Report and will indicate the dates of attendance.

## Response

As the representative of GMA-11 for the Region I Water Planning Group, I attended all the Region I meetings held during 2012. Because we were not in a planning year, Region I only held two meetings. One in February and another in July. I attended both meetings. Attached in Appendix A are the full minutes for the February meeting and the first page or attendance list for the July meeting.

# Goal D: Addressing Natural Resource Issues which Impact the Use and Availability of Groundwater, and which are Impacted by the Use of Groundwater

**Objectives**

**D.1 Objective:** The District will monitor water levels within District boundaries on an annual basis by measuring the water level of at least 5 wells.

**Performance Standard**

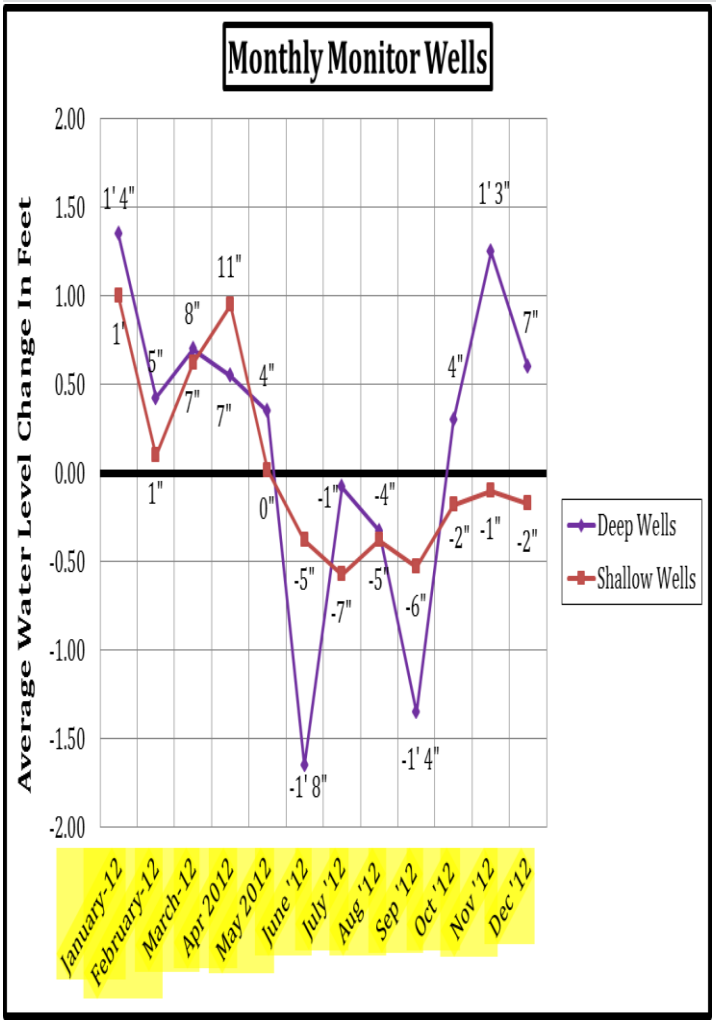
**D.1 Standard:** The District's Annual Report will include a description of the number of wells measured and the monitoring results of the measured wells for each year.

## Response

The monitor well program has grown over the past year. We still have the 11 monitor wells that are checked every month But because we do so much monitoring on the hydraulic fracturing pond water wells, we have not been able to add new monthly monitor water wells. We have taken over the 16 annual monitor water wells for the Texas Water Develop Board. Below are the water levels for 2012 and a graph showing the changes.

# 2012 Monitor Wells

| Well Name | PCGCD Number | Jan-12 | Feb-12 | Mar-12 | Apr-12 | May-12 | Jun-12 | Jul-12 | Aug-12 | Sep-12 | Oct-12 | Nov-12 | Dec-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Harold Coburn - O/G Well | 3548207 | 43.6 | 42.9 | 41.4 | 40.4 | 40 | 41.3 | 42.5 | 43.5 | 44.8 | 43.8 | 42.4 | 42.2 |
| Anadarko CGU 19-16 - O/G Well | 3553601 | 59.1 | 59.2 | 59 | 58.7 | 59.2 | 63.9 | 62.7 | 63.2 | 65.6 | 66.5 | 64.8 | 63.7 |
| Fuselier - Domestic | 3554612 | 17.6 | 17.4 | 17 | 16.5 | 16.3 | 16.4 | 16.7 | 17 | 17.3 | 17.4 | 17.4 | 17.6 |
| Harris - Domestic | 3552906 | 38.5 | 38.3 | 38.6 | 38.3 | 38.3 | 38.1 | 38.3 | 38.3 | 38.4 | 38.4 | 38.5 | 38.5 |
| Jones - Domestic | 3553105 | 30.2 | 29.7 | 29.4 | 28.6 | 28.5 | 28.8 | 29.3 | 29.7 | 30.1 | 30.4 | 30.6 | 30.9 |
| Chevron Reeves-McMillan #2 - O/G Well | not registered | 26.2 | 26 | 25.7 | 25.2 | 25 | 25.5 | 25.9 | 26.2 | 26.4 | 26.1 | 26 | 25.9 |
| Risinger - Domestic | 3706304 | 22.1 | 21.8 | 21.1 | 20.3 | 20.5 | 21 | 21.4 | 21.6 | 21.9 | 21.9 | 22.1 | 22 |
| Tuttle - Domestic | 3555905 | 22.4 | 23.7 | 22.4 | 20.4 | 19.9 | 20.2 | 21.2 | 22.1 | 23.5 | 24 | 24.3 | 24.8 |
| Wedgeworth - Domestic | 3561208 | 14.2 | 13.5 | 12.2 | 10.9 | 11.4 | 12.7 | 13.7 | 14.2 | 14.9 | 15.1 | 14.9 | 15 |
| Devon Southland Paper #13 - O/G Well | 3562402 | 84.1 | 83.2 | 82.4 | 82 | 80.7 | 80.8 | 80.7 | 80.2 | 81.7 | 80.9 | 79.1 | 78.1 |



# Goal E: Addressing Drought Conditions

## Objectives

**E.1 Objective:** The District's Management Plan requires the District to download at least one updated Palmer Drought Severity Index ("PDSI") map each month and check for the regular updates to the Drought Preparedness Council Situation Report ("Situation Report").

## Performance Standard

**E.1 Standard:** The District will include the 12 monthly downloaded PDSI maps and Situation Reports in the Annual Report for each fiscal year.

# Response

Both the "PDSI" and "Situation Reports" can be found in the appendix of this document. (See Exhibits B and C)

# Goal F: Addressing Conservation, Recharge Enhancement, Rainwater Harvesting, Precipitation enhancement, or Brush Control, Where Appropriate and Cost Effective

**Objectives**

**F.1 Objective:** The District will promote conservation at least once during each fiscal year by distributing literature packets or brochures and sponsor an educational program/curriculum.

**Performance Standard**

**F.1 Objective:** The District's Annual Report will provide a summary of the District efforts and a copy of any information provided by the District to the public during the previous fiscal year to promote conservation.

## Response

The District distributed over 2,750 book covers for the 2012 school year. The following pages show a copy of the book cover promoting conservation. Schools participating are located in Carthage, Beckville, and Gary. The cooperative Groundwater 101 program with Texas A&M AgriLife Extension Service also contained educational efforts to promote conservation.

# AMAZING WATER FACTS...

**1**

### ONLY 1% OF THE EARTH'S WATER IS SUITABLE FOR HUMAN CONSUMPTION

While water covers nearly 80% of the Earth's surface, only 1% of that water is usable fresh water. 2% of the water is frozen in glaciers and 97% is salt water.

**2**

### A MILK COW DRINKS ABOUT 35 GALLONS OF WATER A DAY!

Water is also used to grow the corn and alfalfa cows eat. From this, the cow produces almost 6 gallons of milk each day. That's about 93 glasses!

**3**

### WE'RE DRINKING THE SAME WATER THAT THE DINOSAURS DRANK!

Water has been on earth for millions of years. Water cycles from the earth to the air and to the Earth again continuously. This means that your last drink of water could have been used by a dinosaur!

**4**

### FOR A LITTLE UNDER $1.00, YOU CAN BUY...

...an ice cream cone, a couple of soft drinks, two candy bars, or...about 1,000 gallons of clean, drinking water delivered to your home!

**5**

### IT TAKES ONE GALLON OF WATER TO PRODUCE A QUARTER POUND OF HAMBURGER!

## HERE'S HOW YOU CAN HELP CONSERVE WATER...

*Leaky faucets waste water. When you find a dripping faucet at home or at school, tell someone so that it can be repaired.*

*Turn off the water while you brush your teeth...it can save about four gallons of water each day.*

*When you play in the sprinkler, keep it on the grass, not the driveway.*

*Water your lawn early in the morning or late in the evening.*

*Take short showers or keep bathtub water shallow.*

*Don't let the hose run while washing your car or pets. Use buckets, sponges, and a water saving nozzle on the hose.*

*Do not "sweep" walks and driveways with a water hose... use a broom or rake instead.*

Name:

Subject:

# HOW MUCH DO YOU KNOW ABOUT WATER?

Every living thing needs water. Ranchers need water for their livestock to drink. Farmers need it to grow our food. You and your families need water for cooking, cleaning and even playing. But there is only so much water, and there are more people using it every day. So use water wisely...***make every drop count!***

Compliments of

# Goal F: Addressing Conservation, Recharge Enhancement, Rainwater Harvesting, Precipitation Enhancement, or Brush Control, Where Appropriate and Cost Effective Continued

**Objectives**

**F.2 Objective:** The District will provide information relating to recharge enhancement on the District web site at least one time each fiscal year.

**Performance Standard**

**F.2 Performance Standard:** Each year, the District's Annual Report will include a copy of the information that has been provided on the District Web site at least once each fiscal year.

## Response

The District has added to the District website the information on recharge enhancement efforts. The following page is a snapshot showing the links on our website.

## Panola County Groundwater Conservation District

- Home
- About Us
- Directors and Staff
- Public Notices/ Agendas
- Meeting Minutes
- Management Plan
- Permanent Rules
- Bylaws
- FORMS
- Transfer of Ownership
- Abandoned Wells
- Rainwater Harvesting
- Recharge Enhancement
- Frac Pond Monitoring
- GMA 11
- Fun for Kids
- Conservation Tips
- Useful Links
- FAQ
- Contact Us

### Recharge Enhancement

Recharge is the term used to describe how an aquifer gains water from the surface (precipitation, rivers, etc.) or the subsurface (other aquifers). When an aquifer is recharging, water levels rise to be closer to the ground surface, and artesian pressure generally increases. The PCGCD is tracking factors related to recharge such as precipitation (rainfall, snow, etc.) and water levels in water wells.

Panola County is in the outcrop of the Carrizo-Wilcox aquifer, also referred to as the recharge zone of the Carrizo-Wilcox. This means that some of the geologic formations which store groundwater are oriented so that they intersect the ground surface in such a way that they are "open ended" and can receive water from the surface. This is good news for us in that the aquifer will recharge faster than in non-outcrop areas, but it is bad news in that there is a higher risk of groundwater contamination from surface sources.

The PCGCD has 5 rain gauges in Panola County, located in Deadwood, DeBerry, Rock Hill, Gary, and Carthage. At the end of each month, the precipitation recorded by each gauge is averaged to give an approximate rainfall amount for the county. In the graphs below, the data recorded by the PCGCD is compared to what is reported by the National Oceanic and Atmospheric Administration (NOAA) for our area.

Graph of 2011 Cumulative Precipitation  Graph of 2012 Cumulative Precipitation

Monthly Precipitation  NOAA Website

The PCGCD currently has 11 monitor wells spaced throughout the county which are used to measure water levels once each month. The Texas Water Development Board has 16 monitor wells in Panola County, all of which will be absorbed by the District in order to supplement our database. Below are links to graphs showing the average change in water level county-wide each month and each year.

PCGCD Monthly Monitor Wells, 2011  PCGCD Monthly Monitor Wells, 2012

Pages 7-9 of the District Management Plan (see tabs to left) include information from the Texas Water Development Board pertaining to recharge.

Total recharge from precipitation for the Carrizo-Wilcox is 38,005 acre-feet per year.

Total discharge from the aquifer to the surface (springs, lakes, river, etc.) is 29,888 acre-feet per year.

Total flow into the District via the subsurface: 5,655 acre-feet per year.

Total flow out of the District via the subsurface: 3,123 acre-feet per year.

Net hydrologic gain (not accounting for pumping): 10,649 acre-feet per year.

For more information on the Texas Water Development Board's Groundwater Availability Model for our area, see the following:

Northern Carrizo-Wilcox GAM Report

# Goal F: Addressing Conservation, Recharge Enhancement, Rainwater Harvesting, Precipitation enhancement, or Brush Control, Where Appropriate and Cost Effective Continued

**Objectives**

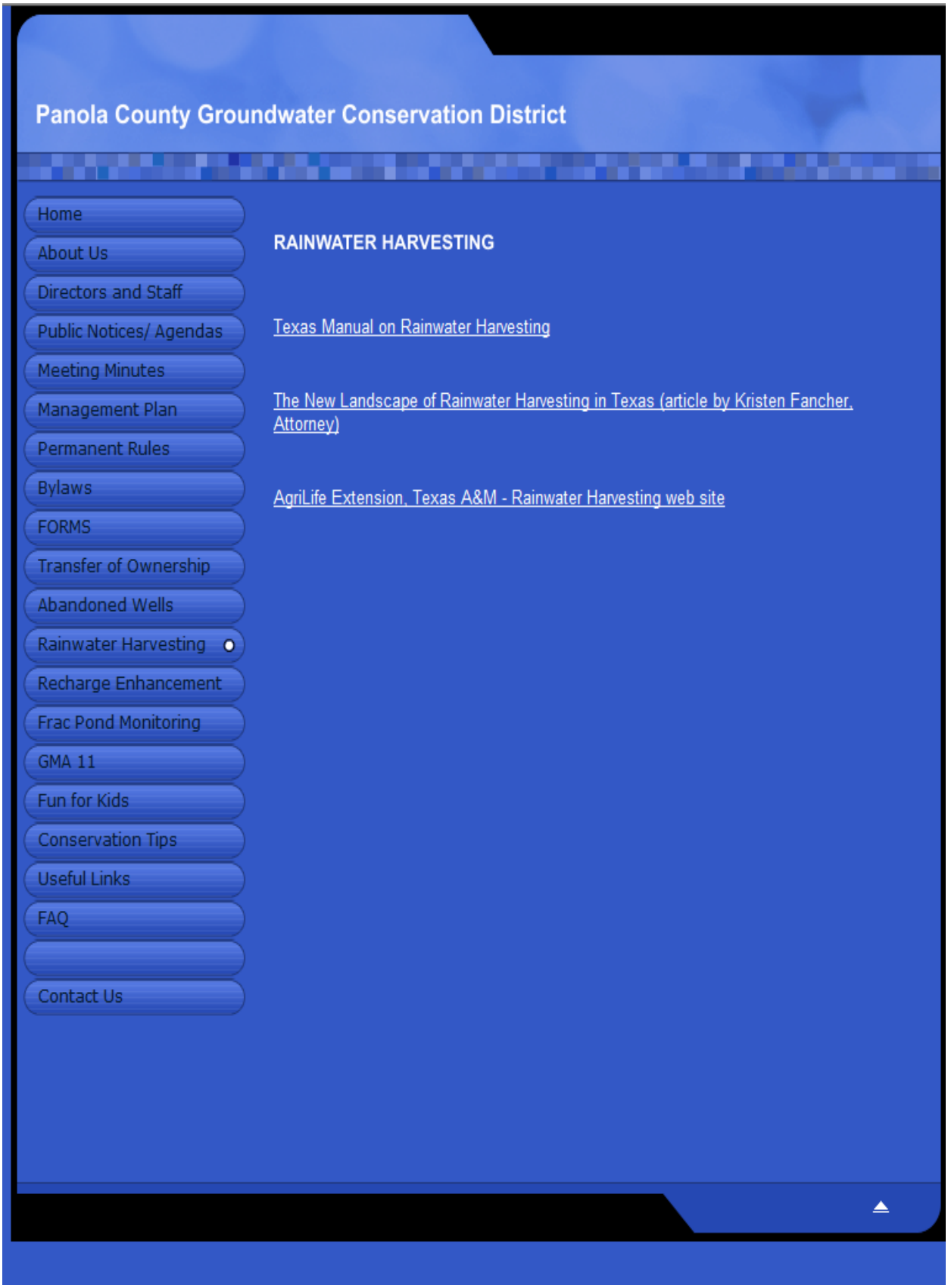
**F.3 Objective:** The District will advocate rainwater harvesting each year by providing updated information about rainwater harvesting on the District web site at least once each fiscal year

**Performance Standard**

**F.3 Performance Standard:** The Annual Report for the District will include a copy of the information on rainwater harvesting which has been provided on the District web site within the previous fiscal year.

## Response

The District website was updated last year to add the Texas A&M AgriLife Extension Service Rainwater Harvesting Website located at http://rainwaterharvesting.tamu.edu/. Below is a copy of the webpage showing this update.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Frac Pond Monitoring
GMA 11
Fun for Kids
Conservation Tips
Useful Links
FAQ
Contact Us
RAINWATER HARVESTING
Texas Manual on Rainwater Harvesting
The New Landscape of Rainwater Harvesting in Texas (article by Kristen Fancher, Attorney)
AgriLife Extension, Texas A&M - Rainwater Harvesting web site

# Management Goals Determined Not Applicable to the District

The following goals have been determined by the District to not be applicable.

- Controlling and Preventing Subsidence
- Addressing in a quantitative Manner the Desired Future Conditions of the Groundwater Resources (this item must be changed in order to comply with State law.)
- Addressing Precipitation Enhancement
- Addressing Brush Control

# Appendix A: Region I Meeting



MINUTES OF THE REGULAR MEETING
of the
REGIONAL WATER PLANNING GROUP "I"
**Wednesday, February 1, 2012 – 10:00 a.m.**
Nacogdoches Recreation Center
1112 North Street, Nacogdoches, Texas

1. Call to Order – Kelley Holcomb, Chair called the regular meeting to order at 10:15 a.m. He introduced the new voting members appointed as a result of SB 660 representing the Groundwater Management District 11, Leah Adams and GMA-14, John Martin.

2. Invocation & Pledge of Allegiance – David Alders gave the invocation and led the group in the Pledge of Allegiance.

3. Roll Call and Determination of Quorum –The roll was called by Lila Fuller and a quorum was determined as follows:

**Voting Members Present (17 of 24)**
Kelley Holcomb
Leah Adams
David Alders
David Brock
George Campbell
Josh David
Chris Davis
Scott Hall
Mike Harbordt
William Heugel
Joseph Holcomb
Bill Kimbrough
Duke Lyons
John Martin
Dale R Peddy
Monty Shank
Darla Smith
Worth Whitehead
J Leon Young

**Voting Members Absent (5)**
Jeff Branick
Jerry Clark
Mark Dunn
Glenda Kindle
Hermon Reed

**Proxies:**
Kelly Holcomb for Jerry Clark
Monty Shank for Glenda Kindle

**Non-Voting Members Present:**
Connie Standridge (Region C)

**Governmental Reporting Agencies Present:**
Lann Bookout, Texas Water Development Board
Terry D. Stelly, TPWD-CF

**Other Guests Present:**
Rex Hunt, Alan Plummer Associates, Project Consultant
Mike Marcotte, Klotz Associates
Becky Whisenant, Cherokean Herald
John deNoyelles, Lake Palestine
Jim Jeffers, City of Nacogdoches

4. **Consideration and Approval of the Minutes for the June 22, 2011 meeting**. Chair Holcomb referenced the minutes in the packet.

   David Alders moved to approve the minutes as written. The motion was seconded by Josh David and unanimously passed.

5. **Report from City of Nacogdoches** – Lila Fuller requested members update any contact information before they left the meeting.

6. **Reports from adjoining regions activity:**
   A. **Region C** – Mike Harbordt had no report.
   B. **Region D** – Worth Whitehead stated Region D was about at the same place in the regional planning process as Region I.
   C. **Region H** – David Alders stated the Non-Municipal Demand Committee was reviewing revisions to Non-Municipal projects.

7. **Reports from Standing Committees:**
   A. **Executive Committee** – Kelly Holcomb - No report.

   B. **Finance Committee** – Darla Smith updated the members on the counties who had submitted payment for county allocations.

   C. **Bylaws Committee** – David Alders – No report.

   D. **Technical Committee** – Mike Harbordt stated the Technical Committee would be busy in future months as preparations have begun for the updated regional water plan.

   E. **Nominations Committee** – George Campbell stated a recommendation would be made under Agenda Item 14-D.

8. **Reports from other state agencies:**

**A. Texas Parks & Wildlife Department** – Terry Stelly gave an update on water issues and provided those in attendance with a copy of the *Texas Parks and Wildlife Magazine*. Stelly discussed the red tide and how the high level caused the close of the oyster industry on the Texas Gulf coast. He mentioned the possible re-opening of a small area in the near future. Stelly stated high flows had changed the system with regard to the dead zone. He referenced a news release issued in June or July stating the cause of the reduced size of the

dead zone was due to Tropical Storm Don. Stelly also stated the Texas Parks and Wildlife was getting a new research vessel.

**B. Texas Department of Agriculture** – Linda Parker absent. No report.

9. **Report from Texas Water Development Board Staff** – Lann Bookout reminded attendees about the TCEQ/Governor's Office Drought Management Workshops that were being held around the State and encouraged attendance if possible.

   Lann reviewed the TWDB data comparing MAG numbers to Groundwater availability numbers He stated TWDB would get the information out in the next few weeks.

   He reviewed the new process to get comments from stakeholders on the draft non-municipal demand projections. He stated February was the deadline for comments on non-municipal projections, but when asked by Chair Holcomb if it was a definitive date, he stated it was somewhat fluid. Bookout further stated population projects were scheduled for release in June, as there had been a delay due to census data that had to be sorted through.

10. **Report from Consultant Team – Rex Hunt/Alan Plummer Associates, Inc.**
    **Review and Discussion of 2016 Regional planning process**

    Rex Hunt updated the group on the 4th Cycle planning schedule, which would focus on the following tasks:

    Chapter 2: Current Projected Population and Water Demand
    - Task 2A – Non-population related water demand projections
    - Task 2B – Population and Population-Related Water Demand Projections

    Chapter 3: Water Supply Analysis
    - I. Estimate Surface Water Availability and Supplies
    - II. Estimate Groundwater Availability and Supplies
    - III. Estimate System, Reuse and Other Types of Supplies

    Chapter 4: Water Management Strategies
    - Task 4A – Identification of Water Needs
    - Task 4B – Identification of Potentially Feasible WMS
    - Task 4C – Prepare and Submit Technical Memorandum

    He reviewed task issues and approaches for each and highlighted new issues that would affect the outcomes, such as the census and drought conditions.

    Rex stated the short-term schedule would consist of:
    - Review of non-municipal projections which will begin immediately
    - Evaluation of surface water and groundwater supplies to begin by March
    - Evaluation of population projects and municipal demands starting mid to late summer

11. **Educational presentation – None**

12. **Public Comment** – John deNoyelles representing Lake Palestine area asked if the TWDB would only use 2010 census numbers, or if there was a dispute, would they wait for adjusted numbers.

    Lann Bookout responded that the official census numbers would be used unless modified in time to be included.

*Chair Holcomb recessed the meeting at 11:06 a.m.*

*The meeting was re-convened at 11:20 a.m.*

13. **Unfinished Businesses** – None.

14. **New Business**

**A. Review and discussion of Draft Non-Municipal Water Demand Projections.**

Rex Hunt, consultant, reviewed the draft regional demands for each category of use and several specific county-level demand projections that were higher or lower than previous projections such as Jefferson and Orange counties.

*No action necessary.*

**B. Review Methodology for determination of Water Management Strategies.**

Rex Hunt stated the methodology for determining Water Management Strategies would be based on approved water demands and available water supplies. He stated the consulting team would identify Water Management Strategies by:

- Identifying entities with needs
- Review recommended strategies from 2011
- Determine if new or changed strategies were needed
- Contact entities for verification

Hunt stated public consideration of strategies would consist of:

- Preparing draft technical memorandum on proposed WMS
- Review draft technical memorandum with the Technical Committee
- Finalize draft technical memorandum
- Present strategies to the RWPG at a regular meeting
- Approval of final water management strategies by ETRWPG

**C. Consideration and Possible Approval of Comments on Rule Revisions.**

Lann Bookout presented existing Chapter 357 and 358 rules and pre-publication draft outline. He asked that questions be submitted to TWDB to help them development necessary guidelines.

Michael Harbordt moved to authorize the Executive Committee to approve final version of comments for submission to TWDB. The motion was seconded by Duke Lyons and unanimously passed.

**D. Consideration and possible approval of Appointments for FY 2012 Executive Committee**

George Campbell, chair of the nominating committee stated they met and recommend that the Executive Committee remain the same for FY2012.

George Campbell moved that the following slate of officers be selected for the FY2012 Executive Committee. The motion was seconded by Chris Davis and unanimously passed.

**Executive Committee:**
Chair- Kelley Holcomb
1st Vice Chair- Worth Whitehead
2nd Vice Chair- Dr. Mike Harbordt
Secretary- Jerry Clark
Assistant Secretary- David Brock
At-Large – Dr. Leon Young
At-Large – David Alders

**15.** **Chairman's Report** – Chair Holcomb had nothing to report.

**16.** **General discussion** – Chair Holcomb stated the next meeting would tentatively be scheduled for May 2, 2012.

**17.** **Adjourn** – Chair Holcomb adjourned the meeting at 12:21 p.m.

APPROVED THIS 12th DAY OF September 2012.

Kelley Holcomb, Chair
ETRWPD – Region I

ATTEST:

Jerry Clark, Secretary

Minutes approved: September 12, 2012

Region I ETRWPG
February 1, 2012

MINUTES OF THE SPECIAL CALLED MEETING
of the
REGIONAL WATER PLANNING GROUP "I"
**Thursday, July 26, 2012 – 10:00 a.m.**
Nacogdoches City Hall
City Council Chambers
202 E Pilar Street, Nacogdoches, Texas

1. Call to Order – Kelley Holcomb, Chair called the special called meeting to order at 10:15 a.m. He explained the meeting was necessary to meet some deadlines associated with the application for Phase II funding for the 2016 water plan. He stated the ETRWPG Bylaws allowed for use of proxies in the absence of a voting member for actions as required at this meeting. He stated 14 members present or proxies were needed for a quorum.

2. Invocation & Pledge of Allegiance – Kelley Holcomb gave the invocation and led the group in the Pledge of Allegiance.

3. Roll Call and Determination of Quorum –The roll was called by Lila Fuller and a quorum was determined as follows:

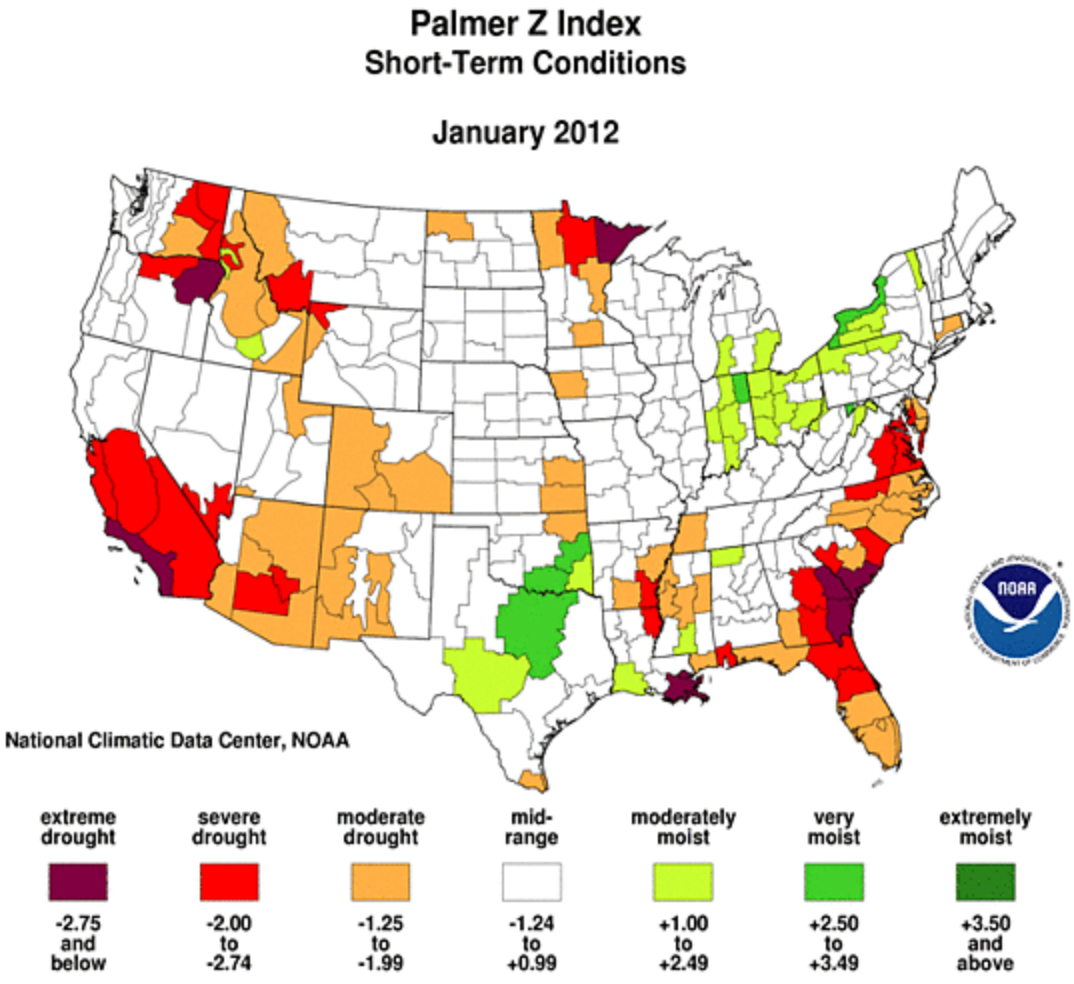
**Voting Members Present (8 of 24)**
Kelley Holcomb
Leah Adams
David Brock
Josh David
Chris Davis
Duke Lyons
John Martin
Worth Whitehead

**Voting Members Absent (16)**
David Alders
Jeff Branick
George P. Campbell
Jerry Clark
Mark Dunn
Scott Hall
Mike Harbordt
William Heugel
Joseph Holcomb
Bill Kimbrough
Glenda Kindle
Dale R. Peddy
Hermon Reed
Monty Shank
Darla Smith
J. Leon Young

**Proxies:**
Kelly Holcomb for Jerry Clark
Kelley Holcomb for William Heugel
Kelley Holcomb for Dale R Peddy

# Appendix B

## Palmer Drought Severity Index



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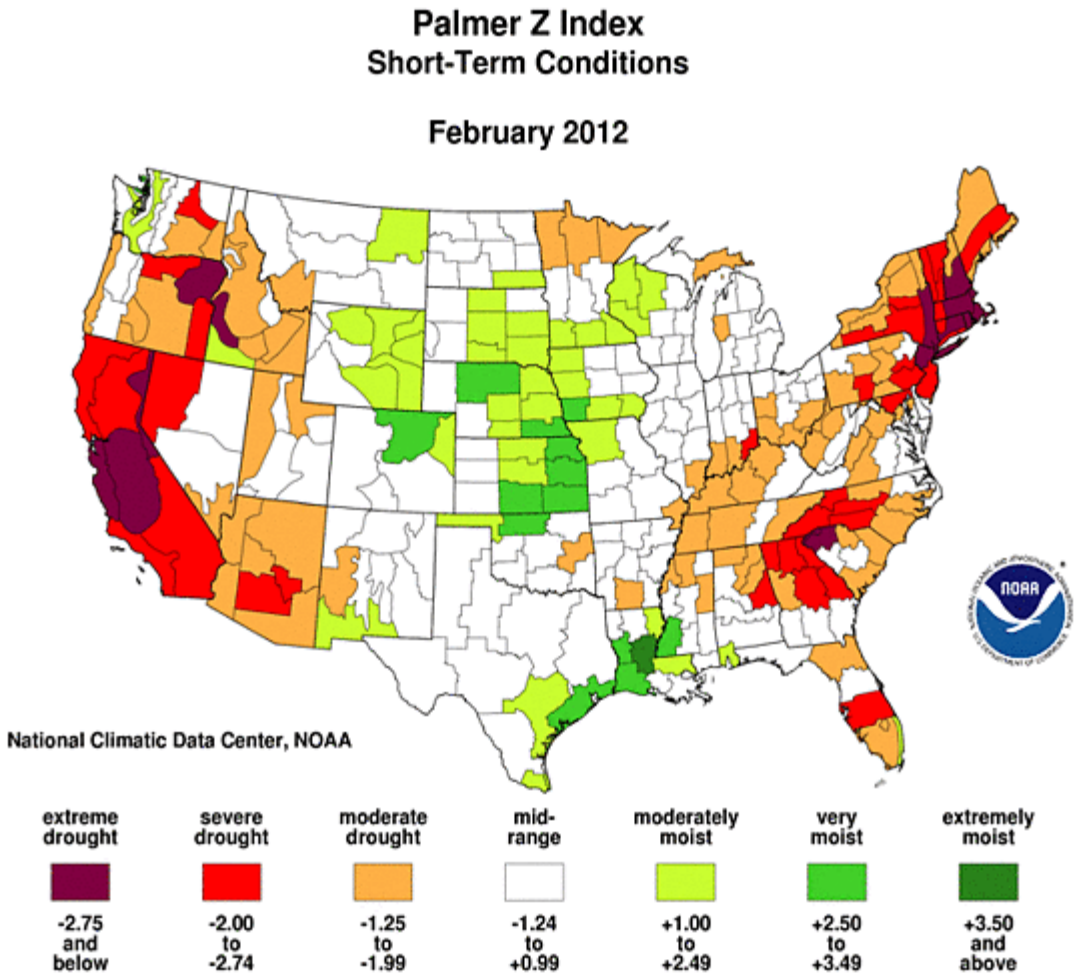

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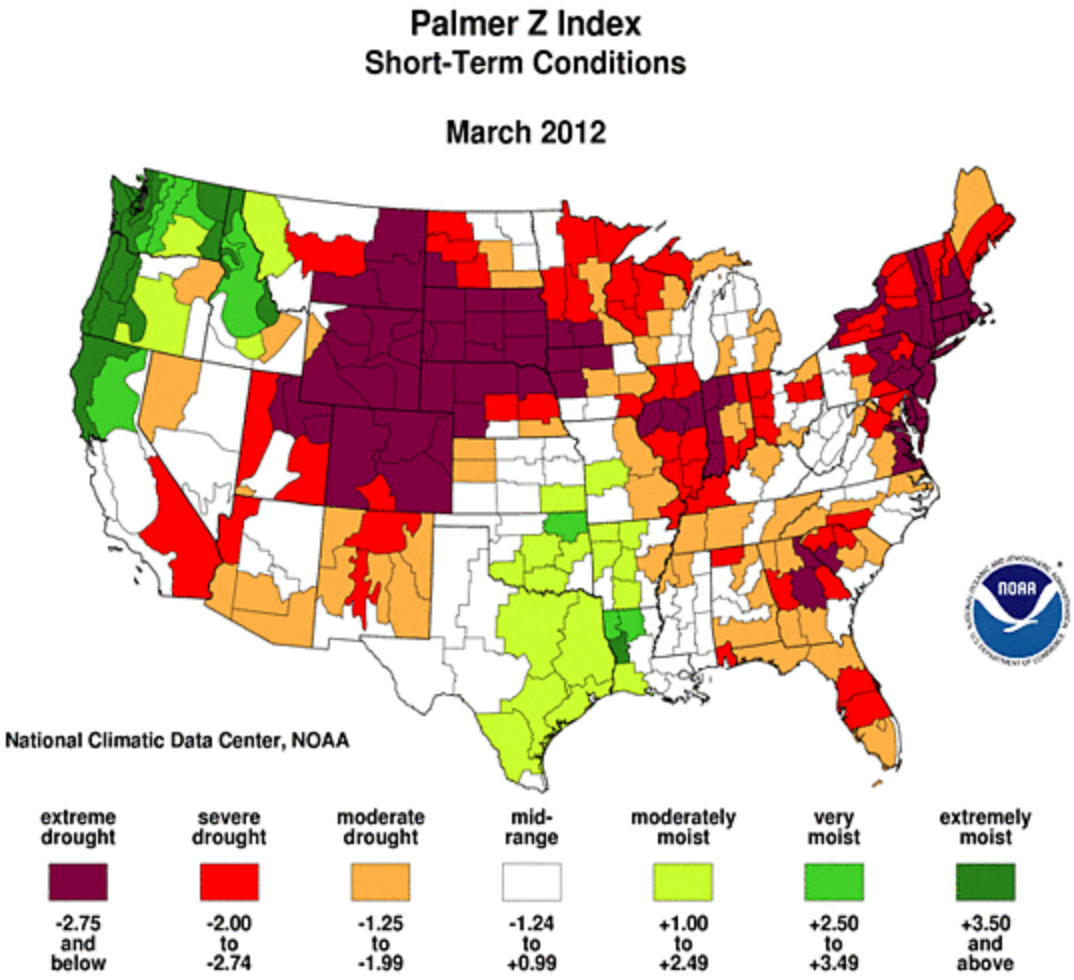

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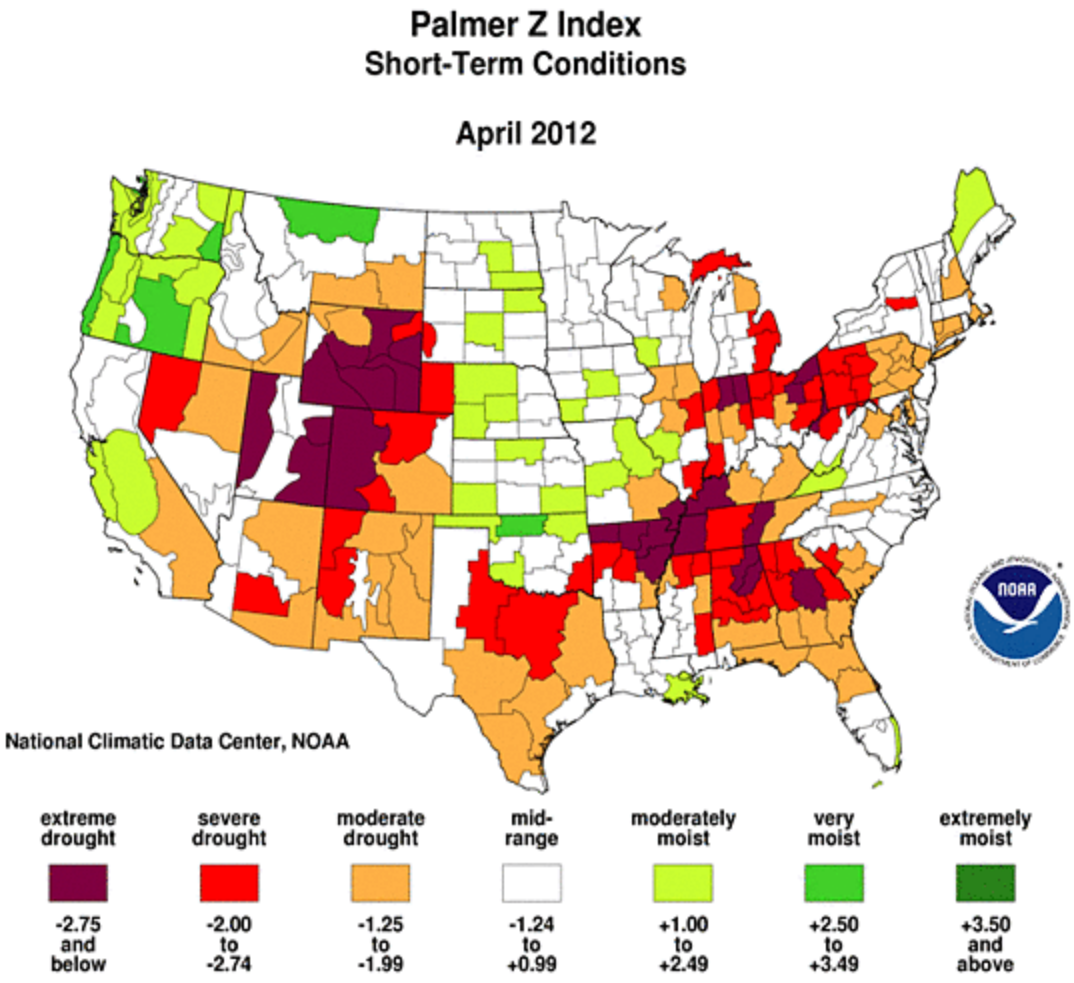

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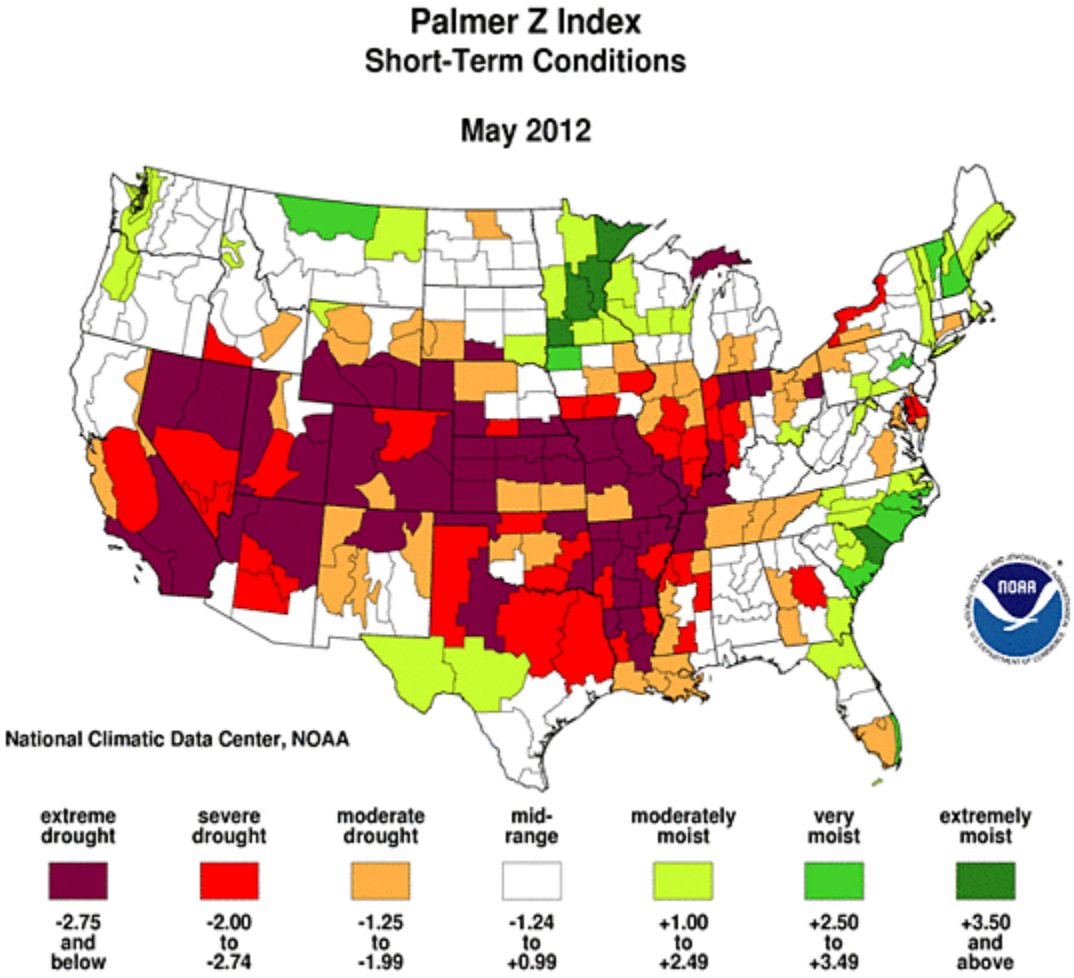

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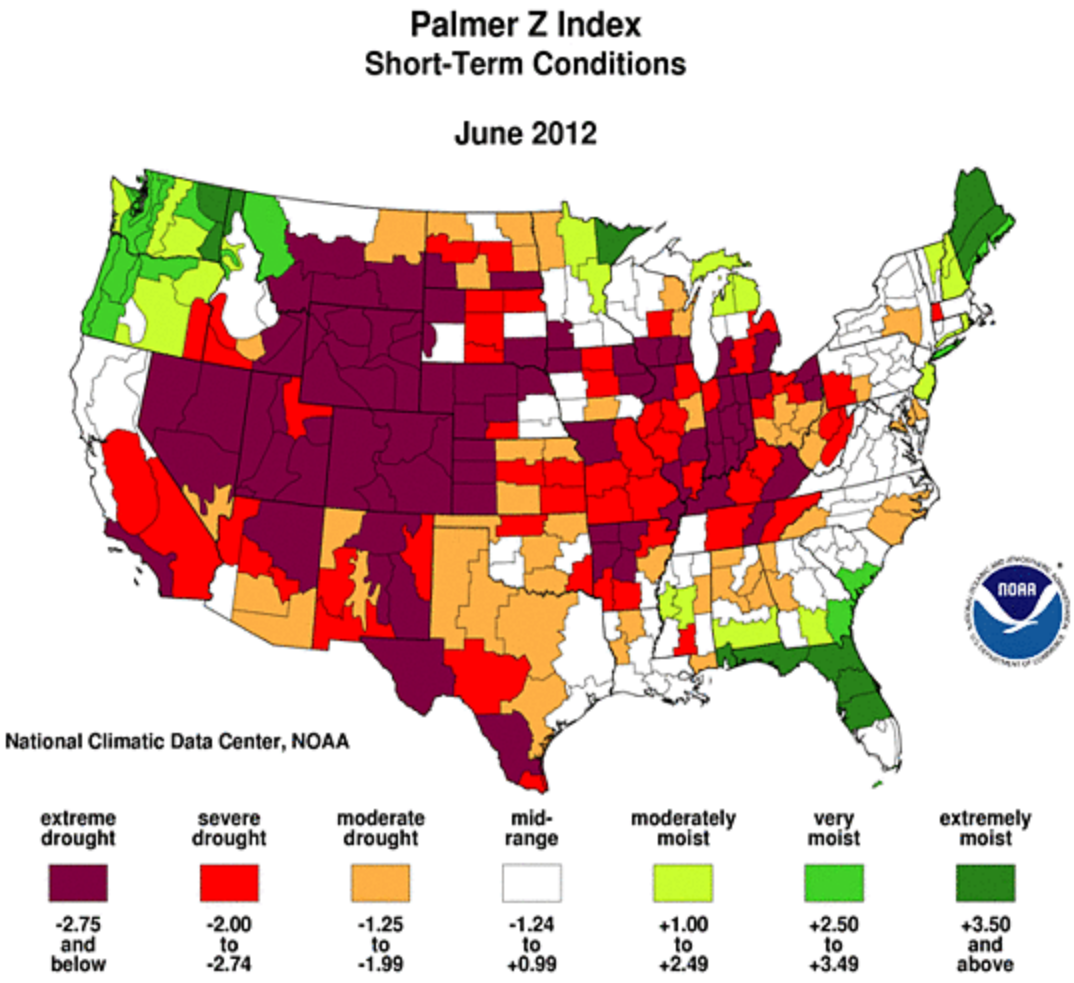

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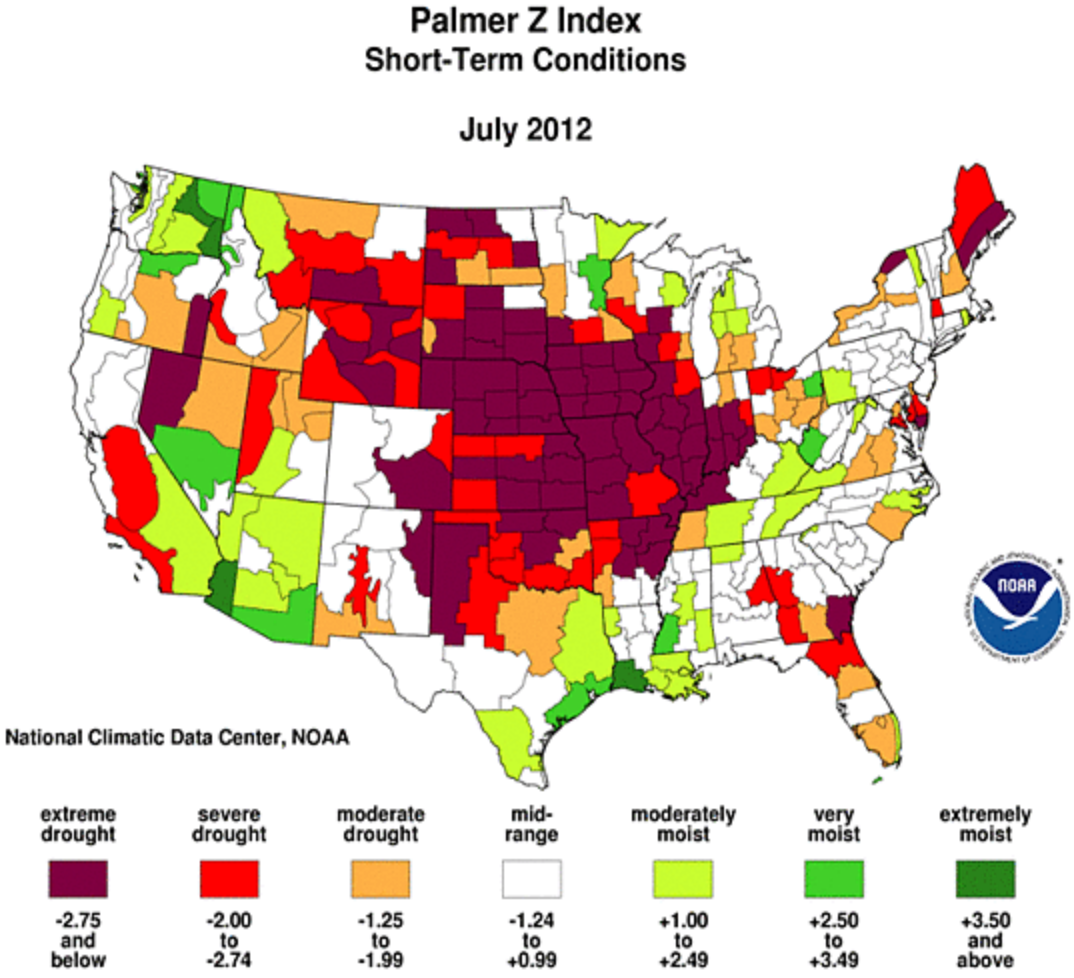

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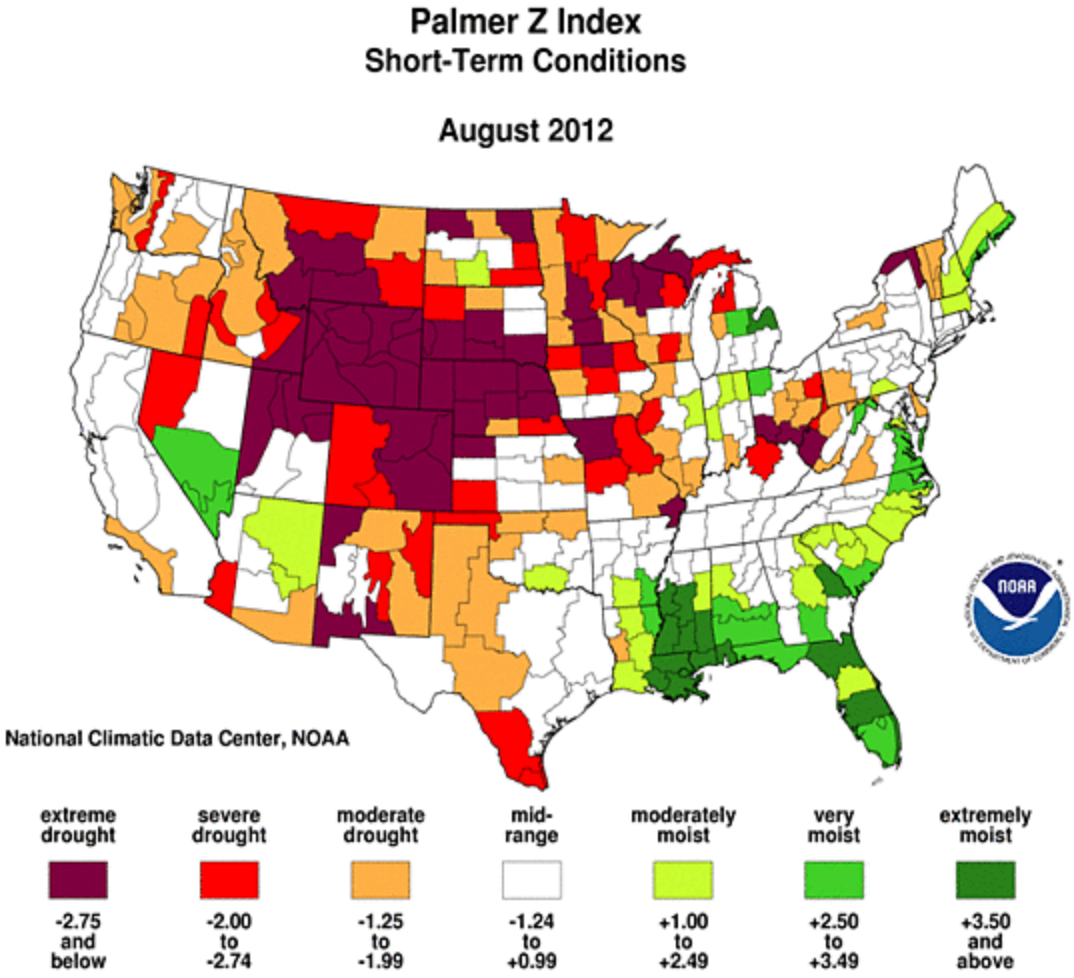

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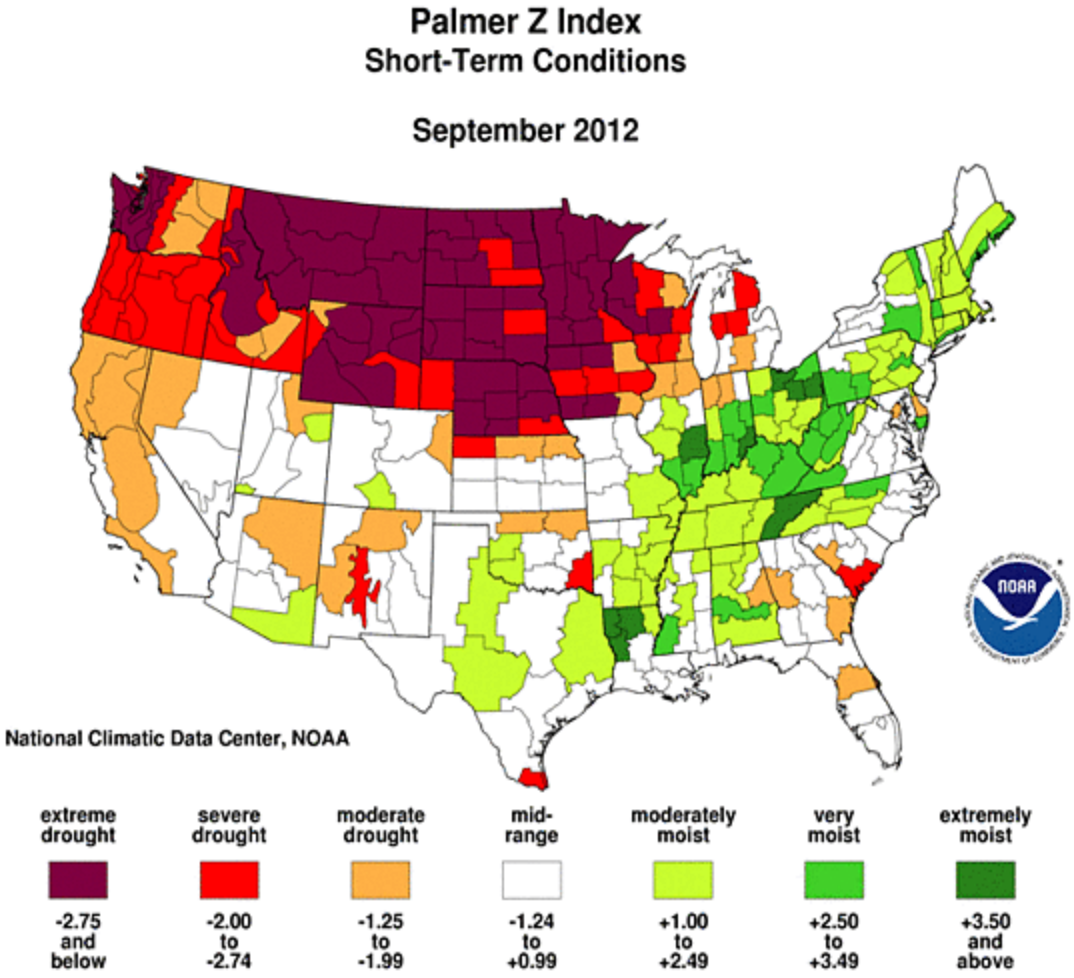

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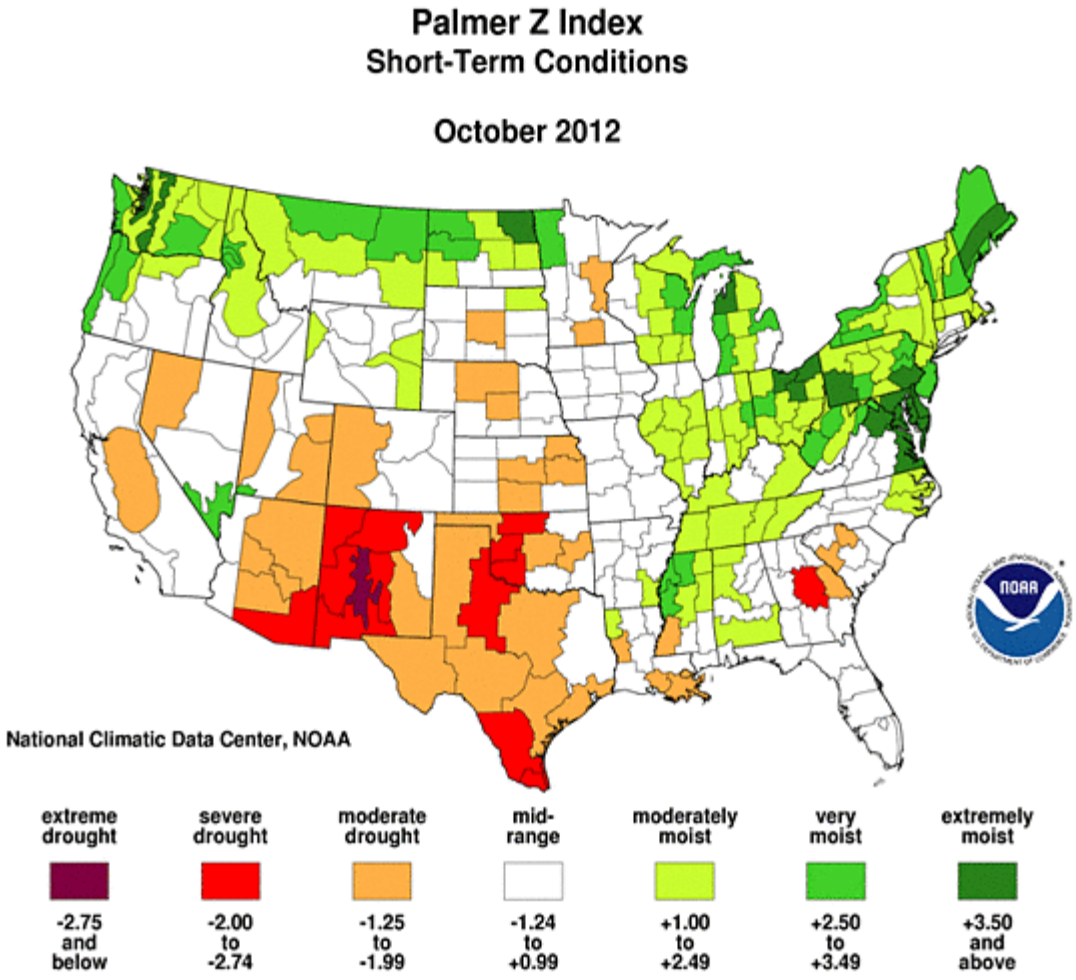

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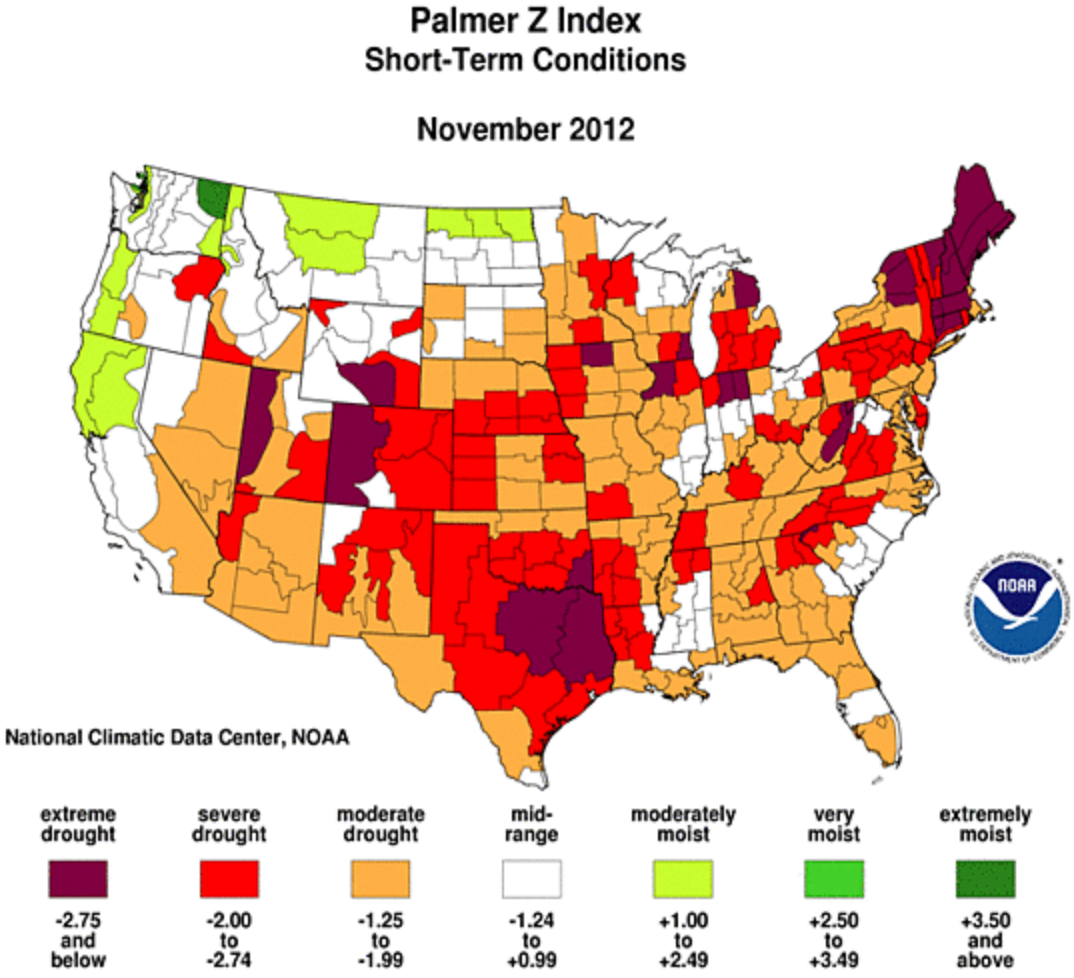

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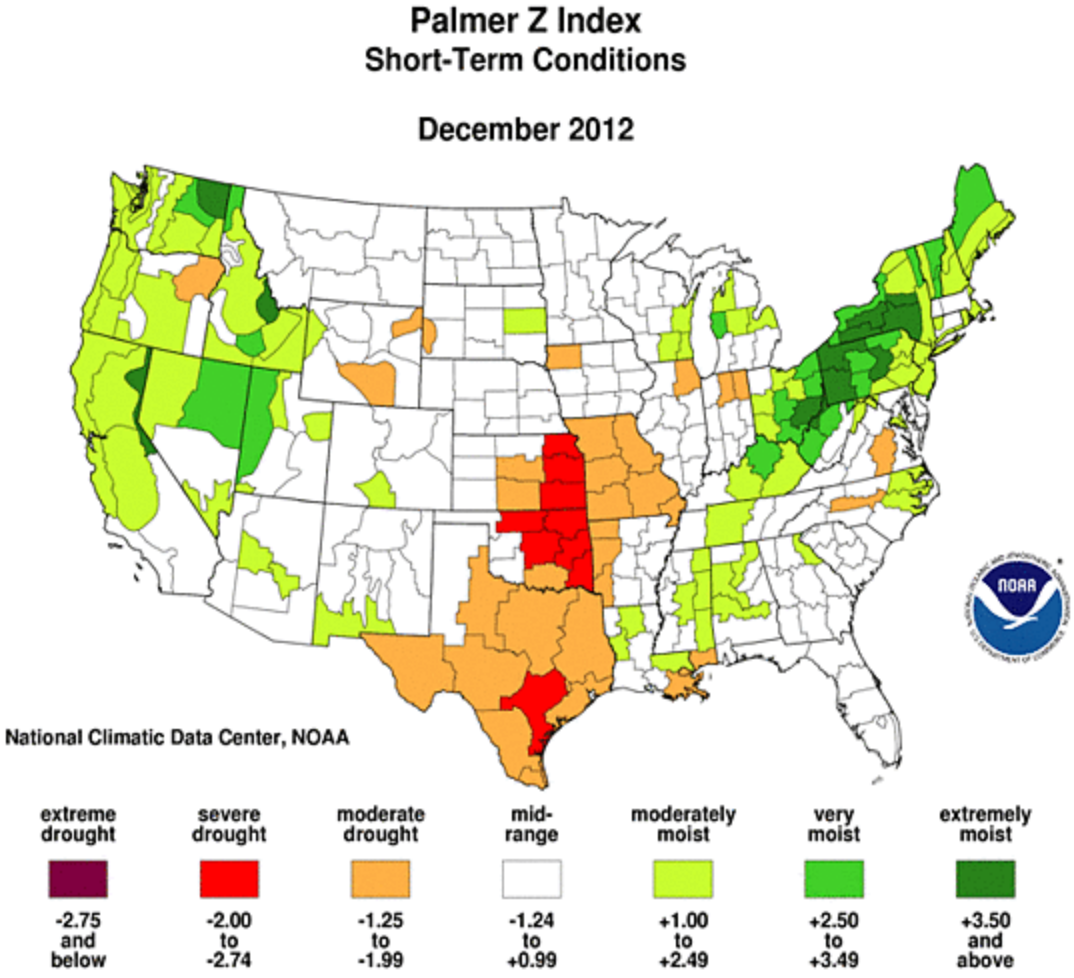

# Appendix C

## "Situation Report" January, 2012

**DROUGHT PREPAREDNESS COUNCIL**

RICK PERRY
Governor

5805 N. Lamar Blvd.
P.O. Box 4087
Austin, Texas 78773-0220
Phone: (512) 424-2138
Fax: (512) 424-2444

NIM KIDD
Council Chairperson

February 13, 2012

**TO:** The Honorable Rick Perry, Governor, State of Texas
The Honorable David Dewhurst, Lieutenant Governor, State of Texas
Ms. Esperanza Andrade, Secretary of State, State of Texas
The Honorable Steve Ogden, President Pro-Tempore of the Senate, State of Texas
The Honorable Joe Straus, Speaker of the House, State of Texas
The Honorable Steve Ogden, Chairman, Senate Finance Committee, State of Texas
The Honorable Troy Fraser, Chairman, Senate Natural Resources Committee, State of Texas
The Honorable Tommy Williams, Chairman, Senate Committee on Transportation & Homeland Security, State of Texas
The Honorable Jim Pitts, Chairman, House Appropriations Committee, State of Texas
The Honorable Allan Ritter, Chairman, House Natural Resources Committee, State of Texas
The Honorable Rick Hardcastle, Chairman, House Agriculture & Livestock Committee, State of Texas
The Honorable Pete Gallego, Chairman, House Criminal Jurisprudence Committee, State of Texas
Mr. Jeff Boyd, Chief of Staff, Office of the Governor
Mr. Steven McCraw, Director, Texas Department of Public Safety

**FROM:** Assistant Director Nim Kidd, Texas Division of Emergency Management

**SUBJECT:** Statewide Drought Situation Report

Nim Kidd, Chairman
Texas Division of Emergency Mgmt

Lance Williams, Member
Texas Department of Agriculture

Gilbert Jordan, Member
Texas Department of Transportation

Chris Loft, Member
Texas Commission on Environmental Quality

Michael Dunivan, Member
Texas Forest Service

Brenner Brown, Member
Texas Water Development Board

Dr. Travis Miller, Member
Texas AgriLife Extension Service

David A. Van Dresar, Member
Texas Alliance of Groundwater Districts

Tad Curtis, Member
Office of the Governor
Economic Development & Tourism

Richard Egg, Member
State Soil & Water Conservation Board

Cindy Loeffler, Member
Texas Parks & Wildlife Department

Suzanne Burnham, Member
Texas Department of State Health Services

Dr. John W. Nielsen-Gammon, Member
Office of the State Climatologist

Marisa Callan
Texas Department of Housing and Community Affairs

**1. NEXT COUNCIL MEETING**

T.B.A

# Appendix C

## "Situation Report" February, 2012

## DROUGHT PREPAREDNESS COUNCIL


RICK PERRY
Governor

5805 N. Lamar Blvd.
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Austin, Texas 78773-0220
Phone: (512) 424-2138
Fax: (512) 424-2444

W. NIM KIDD
Council Chairperson


March 16, 2012

**TO:** The Honorable Rick Perry, Governor, State of Texas
The Honorable David Dewhurst, Lieutenant Governor, State of Texas
Ms. Esperanza Andrade, Secretary of State, State of Texas
The Honorable Steve Ogden, President Pro-Tempore of the Senate, State of Texas
The Honorable Joe Straus, Speaker of the House, State of Texas
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The Honorable Rick Hardcastle, Chairman, House Agriculture & Livestock Committee, State of Texas
The Honorable Pete Gallego, Chairman, House Criminal Jurisprudence Committee, State of Texas
Mr. Jeff Boyd, Chief of Staff, Office of the Governor
Mr. Steven McCraw, Director, Texas Department of Public Safety

**FROM:** Assistant Director Nim Kidd, Texas Division of Emergency Management

**SUBJECT:** Statewide Drought Situation Report

Nim Kidd, Chairman
Texas Division of Emergency Mgmt

Brenner Brown, Member
Texas Water Development Board

Richard Egg, Member
State Soil & Water Conservation Board

Lance Williams, Member
Texas Department of Agriculture

Dr. Travis Miller, Member
Texas AgriLife Extension Service

David Bradsby, Member
Texas Parks & Wildlife Department

Gilbert Jordan, Member
Texas Department of Transportation

David A. Van Dresar, Member
Texas Alliance of Groundwater Districts

Suzanne Burnham, Member
Texas Department of State Health Services

Chris Loft, Member
Texas Commission on Environmental Quality

Tad Curtis, Member
Office of the Governor
Economic Development & Tourism

Dr. John W. Nielsen-Gammon, Member
Office of the State Climatologist

Michael Dunivan, Member
Texas Forest Service

Marisa Callan, Member
Texas Department of Housing and Community Affairs

# Appendix C

## "Situation Report" March, 2012

### DROUGHT PREPAREDNESS COUNCIL


RICK PERRY
Governor

5805 N. Lamar Blvd.
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Austin, Texas 78773-0220
Phone: (512) 424-2138
Fax: (512) 424-2444

W. NIM KIDD
Council Chairperson


April 18, 2012

**TO:** The Honorable Rick Perry, Governor, State of Texas
The Honorable David Dewhurst, Lieutenant Governor, State of Texas
Ms. Esperanza Andrade, Secretary of State, State of Texas
The Honorable Steve Ogden, President Pro-Tempore of the Senate, State of Texas
The Honorable Joe Straus, Speaker of the House, State of Texas
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The Honorable Rick Hardcastle, Chairman, House Agriculture & Livestock Committee, State of Texas
The Honorable Pete Gallego, Chairman, House Criminal Jurisprudence Committee, State of Texas
Mr. Jeff Boyd, Chief of Staff, Office of the Governor
Mr. Steven McCraw, Director, Texas Department of Public Safety

**FROM:** Assistant Director Nim Kidd, Texas Division of Emergency Management

**SUBJECT:** Statewide Drought Situation Report

Nim Kidd, Chairman
Texas Division of Emergency Mgmt

Lance Williams, Member
Texas Department of Agriculture

Gilbert Jordan, Member
Texas Department of Transportation

Chris Loft, Member
Texas Commission on Environmental Quality

Michael Dunivan, Member
Texas Forest Service

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Texas Water Development Board

Dr. Travis Miller, Member
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David A. Van Dresar, Member
Texas Alliance of Groundwater Districts

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Economic Development & Tourism

Richard Egg, Member
State Soil & Water Conservation Board

David Bradsby, Member
Texas Parks & Wildlife Department

Suzanne Burnham, Member
Texas Department of State Health Services

Dr. John W. Nielsen-Gammon, Member
Office of the State Climatologist

Marisa Callan, Member
Texas Department of Housing and Community Affairs

# Appendix C

## "Situation Report" April and May, 2012

### DROUGHT PREPAREDNESS COUNCIL

RICK PERRY
Governor

5805 N. Lamar Blvd.
P.O. Box 4087
Austin, Texas 78773-0220
Phone: (512) 424-2138
Fax: (512) 424-2444

W. NIM KIDD
Council Chairperson

June 20, 2012

**TO:** The Honorable Rick Perry, Governor, State of Texas
The Honorable David Dewhurst, Lieutenant Governor, State of Texas
Ms. Esperanza Andrade, Secretary of State, State of Texas
The Honorable Steve Ogden, President Pro-Tempore of the Senate, State of Texas
The Honorable Joe Straus, Speaker of the House, State of Texas
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The Honorable Rick Hardcastle, Chairman, House Agriculture & Livestock Committee, State of Texas
The Honorable Pete Gallego, Chairman, House Criminal Jurisprudence Committee, State of Texas
Mr. Jeff Boyd, Chief of Staff, Office of the Governor
Mr. Steven McCraw, Director, Texas Department of Public Safety

**FROM:** Assistant Director Nim Kidd, Texas Division of Emergency Management

**SUBJECT:** Statewide Drought Situation Report

Nim Kidd, Chairman
Texas Division of Emergency Mgmt

Brenner Brown, Member
Texas Water Development Board

Richard Egg, Member
State Soil & Water Conservation Board

Lance Williams, Member
Texas Department of Agriculture

Dr. Travis Miller, Member
Texas AgriLife Extension Service

David Bradsby, Member
Texas Parks & Wildlife Department

Gilbert Jordan, Member
Texas Department of Transportation

David A. Van Dresar, Member
Texas Alliance of Groundwater Districts

Suzanne Burnham, Member
Texas Department of State Health Services

Chris Loft, Member
Texas Commission on Environmental Quality

Tad Curtis, Member
Office of the Governor
Economic Development & Tourism

Dr. John W. Nielsen-Gammon, Member
Office of the State Climatologist

Michael Dunivan, Member
Texas Forest Service

Marisa Callan, Member
Texas Department of Housing and Community Affairs

# Appendix C

## "Situation Report" June, 2012

### DROUGHT PREPAREDNESS COUNCIL

RICK PERRY
Governor

5805 N. Lamar Blvd.
P.O. Box 4087
Austin, Texas 78773-0220
Phone: (512) 424-2138
Fax: (512) 424-2444

W. NIM KIDD
Council Chairperson

July 16, 2012

**TO:** The Honorable Rick Perry, Governor, State of Texas
The Honorable David Dewhurst, Lieutenant Governor, State of Texas
Ms. Esperanza Andrade, Secretary of State, State of Texas
The Honorable Steve Ogden, President Pro-Tempore of the Senate, State of Texas
The Honorable Joe Straus, Speaker of the House, State of Texas
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The Honorable Pete Gallego, Chairman, House Criminal Jurisprudence Committee, State of Texas
Mr. Jeff Boyd, Chief of Staff, Office of the Governor
Mr. Steven McCraw, Director, Texas Department of Public Safety

**FROM:** Assistant Director Nim Kidd, Texas Division of Emergency Management

**SUBJECT:** Statewide Drought Situation Report

Nim Kidd, Chairman
Texas Division of Emergency Mgmt

Brenner Brown, Member
Texas Water Development Board

Richard Egg, Member
State Soil & Water Conservation Board

Lance Williams, Member
Texas Department of Agriculture

Dr. Travis Miller, Member
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David Bradsby, Member
Texas Parks & Wildlife Department

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Texas Department of Transportation

David A. Van Dresar, Member
Texas Alliance of Groundwater Districts

Suzanne Burnham, Member
Texas Department of State Health Services

Chris Loft, Member
Texas Commission on Environmental Quality

Tad Curtis, Member
Office of the Governor
Economic Development & Tourism

Dr. John W. Nielsen-Gammon, Member
Office of the State Climatologist

Michael Dunivan, Member
Texas Forest Service

Marisa Callan, Member
Texas Department of Housing and Community Affairs

# Appendix C

## "Situation Report" July, 2012

### DROUGHT PREPAREDNESS COUNCIL

RICK PERRY
Governor

5805 N. Lamar Blvd.
P.O. Box 4087
Austin, Texas 78773-0220
Phone: (512) 424-2138
Fax: (512) 424-2444

W. NIM KIDD
Council Chairperson

August 21, 2012

**TO:** The Honorable Rick Perry, Governor, State of Texas
The Honorable David Dewhurst, Lieutenant Governor, State of Texas
Ms. Esperanza Andrade, Secretary of State, State of Texas
The Honorable Steve Ogden, President Pro-Tempore of the Senate, State of Texas
The Honorable Joe Straus, Speaker of the House, State of Texas
The Honorable Steve Ogden, Chairman, Senate Finance Committee, State of Texas
The Honorable Troy Fraser, Chairman, Senate Natural Resources Committee, State of Texas
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The Honorable Rick Hardcastle, Chairman, House Agriculture & Livestock Committee, State of Texas
The Honorable Pete Gallego, Chairman, House Criminal Jurisprudence Committee, State of Texas
Mr. Jeff Boyd, Chief of Staff, Office of the Governor
Mr. Steven McCraw, Director, Texas Department of Public Safety

**FROM:** Assistant Director Nim Kidd, Texas Division of Emergency Management

**SUBJECT:** Statewide Drought Situation Report

Nim Kidd, Chairman
Texas Division of Emergency Mgmt

Brenner Brown, Member
Texas Water Development Board

Richard Egg, Member
State Soil & Water Conservation Board

Lance Williams, Member
Texas Department of Agriculture

Dr. Travis Miller, Member
Texas AgriLife Extension Service

David Bradsby, Member
Texas Parks & Wildlife Department

Gilbert Jordan, Member
Texas Department of Transportation

David A. Van Dresar, Member
Texas Alliance of Groundwater Districts

Suzanne Burnham, Member
Texas Department of State Health Services

Chris Loft, Member
Texas Commission on Environmental Quality

Tad Curtis, Member
Office of the Governor
Economic Development & Tourism

Dr. John W. Nielsen-Gammon, Member
Office of the State Climatologist

Michael Dunivan, Member
Texas Forest Service

Marisa Callan, Member
Texas Department of Housing and Community Affairs

# Appendix C

## "Situation Report" August, 2012

### DROUGHT PREPAREDNESS COUNCIL

RICK PERRY
Governor

5805 N. Lamar Blvd.
P.O. Box 4087
Austin, Texas 78773-0220
Phone: (512) 424-2138
Fax: (512) 424-2444

W. NIM KIDD
Council Chairperson

**September 28 , 2012**

**TO:** The Honorable Rick Perry, Governor, State of Texas
The Honorable David Dewhurst, Lieutenant Governor, State of Texas
Ms. Esperanza Andrade, Secretary of State, State of Texas
The Honorable Steve Ogden, President Pro-Tempore of the Senate, State of Texas
The Honorable Joe Straus, Speaker of the House, State of Texas
The Honorable Steve Ogden, Chairman, Senate Finance Committee, State of Texas
The Honorable Troy Fraser, Chairman, Senate Natural Resources Committee, State of Texas
The Honorable Tommy Williams, Chairman, Senate Committee on Transportation & Homeland Security, State of Texas
The Honorable Jim Pitts, Chairman, House Appropriations Committee, State of Texas
The Honorable Allan Ritter, Chairman, House Natural Resources Committee, State of Texas
The Honorable Rick Hardcastle, Chairman, House Agriculture & Livestock Committee, State of Texas
The Honorable Pete Gallego, Chairman, House Criminal Jurisprudence Committee, State of Texas
Mr. Jeff Boyd, Chief of Staff, Office of the Governor
Mr. Steven McCraw, Director, Texas Department of Public Safety

**FROM:** Assistant Director Nim Kidd, Texas Division of Emergency Management

**SUBJECT:** Statewide Drought Situation Report

Nim Kidd, Chairman
Texas Division of Emergency Mgmt

Brenner Brown, Member
Texas Water Development Board

Richard Egg, Member
State Soil & Water Conservation Board

Lance Williams, Member
Texas Department of Agriculture

Dr. Travis Miller, Member
Texas AgriLife Extension Service

David Bradsby, Member
Texas Parks & Wildlife Department

Gilbert Jordan, Member
Texas Department of Transportation

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Chris Loft, Member
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Office of the State Climatologist

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## "Situation Report" September, 2012

## DROUGHT PREPAREDNESS COUNCIL


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Governor

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P.O. Box 4087
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Phone: (512) 424-2138
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W. NIM KIDD
Council Chairperson


**October 11, 2012**

**TO:** The Honorable Rick Perry, Governor, State of Texas
The Honorable David Dewhurst, Lieutenant Governor, State of Texas
Ms. Esperanza Andrade, Secretary of State, State of Texas
The Honorable Steve Ogden, President Pro-Tempore of the Senate, State of Texas
The Honorable Joe Straus, Speaker of the House, State of Texas
The Honorable Steve Ogden, Chairman, Senate Finance Committee, State of Texas
The Honorable Troy Fraser, Chairman, Senate Natural Resources Committee, State of Texas
The Honorable Tommy Williams, Chairman, Senate Committee on Transportation & Homeland Security, State of Texas
The Honorable Jim Pitts, Chairman, House Appropriations Committee, State of Texas
The Honorable Allan Ritter, Chairman, House Natural Resources Committee, State of Texas
The Honorable Rick Hardcastle, Chairman, House Agriculture & Livestock Committee, State of Texas
The Honorable Pete Gallego, Chairman, House Criminal Jurisprudence Committee, State of Texas
Mr. Jeff Boyd, Chief of Staff, Office of the Governor
Mr. Steven McCraw, Director, Texas Department of Public Safety

**FROM:** Assistant Director Nim Kidd, Texas Division of Emergency Management

**SUBJECT:** Statewide Drought Situation Report


Nim Kidd, Chairman
Texas Division of Emergency Mgmt

Brenner Brown, Member
Texas Water Development Board

Richard Egg, Member
State Soil & Water Conservation Board

Lance Williams, Member
Texas Department of Agriculture

Dr. Travis Miller, Member
Texas AgriLife Extension Service

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Texas Department of State Health Services

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Texas Commission on Environmental Quality

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Office of the Governor
Economic Development & Tourism

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## "Situation Report" October, 2012

## DROUGHT PREPAREDNESS COUNCIL


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Phone: (512) 424-2138
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W. NIM KIDD
Council Chairperson


**November 30 , 2012**

**TO:** The Honorable Rick Perry, Governor, State of Texas
The Honorable David Dewhurst, Lieutenant Governor, State of Texas
Mr. John Steen, Secretary of State, State of Texas
The Honorable Steve Ogden, President Pro-Tempore of the Senate, State of Texas
The Honorable Joe Straus, Speaker of the House, State of Texas
The Honorable Steve Ogden, Chairman, Senate Finance Committee, State of Texas
The Honorable Troy Fraser, Chairman, Senate Natural Resources Committee, State of Texas
The Honorable Tommy Williams, Chairman, Senate Committee on Transportation & Homeland Security, State of Texas
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The Honorable Allan Ritter, Chairman, House Natural Resources Committee, State of Texas
The Honorable Rick Hardcastle, Chairman, House Agriculture & Livestock Committee, State of Texas
The Honorable Pete Gallego, Chairman, House Criminal Jurisprudence Committee, State of Texas
Mr. Jeff Boyd, Chief of Staff, Office of the Governor
Mr. Steven McCraw, Director, Texas Department of Public Safety

**FROM:** Assistant Director Nim Kidd, Texas Division of Emergency Management

**SUBJECT:** Statewide Drought Situation Report

Nim Kidd, Chairman
Texas Division of Emergency Mgmt

Brenner Brown, Member
Texas Water Development Board

Richard Egg, Member
State Soil & Water Conservation Board

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"Situation Report" November, 2012
Not Available at this Time

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"Situation Report" December, 2012
Not Available at this Time