

Panola County Groundwater Conservation District



Annual Report 2011

www.pcgcd.org

General Manager's Report

2011 Challenges and Accomplishments

The year of 2011 was a good year for the District. We had our ups and downs, but overall the year was productive. The year marked the driest year in Texas history, but it also provided an understanding of the importance of the District.

The Desired Future Conditions (DFC) for Groundwater Management Area 11 (GMA-11) were established in January of 2011 setting the drawdown of the aquifer for the next fifty (50) years.

The Board accepted in April the resignation of Somer Page as General Manager. Somer was instrumental in helping to establish the foundation of the District through creating internal processes, developing the management plan, and writing the temporary and permanent rules.

The District changed offices in May of 2011. District staff, Betty Boothe and Jess Landreneaux, provided the work necessary to help make 419 West Sabine the new home for the District.

Also in May, the Board of Directors hired me, Leah Adams, as the new General Manager for the District. The hard part for me as the new General Manager was learning all the laws and legal requirements of the District.

In August, Jess set up the first rainfall and monitor well system for the County. He provided a start for us to measure the changes in water levels and to begin accumulated data for future DFC projections.

The State Auditors Office began their audit of our office as a Groundwater Conservation District in October. While the actual report will not be published until 2012, we provided all documentation to determine if the District was meeting the objectives and goals establish in our Management Plan and the requirements of Chapter 36, Texas Water Code.

We rounded out the year in December with the Grandfathered Use Permit deadline ending the 30th of the month.

As employees of the District, the year of 2011 was a year of learning. Learning rules, learning laws, and learning where the Board of Directors want to take the District in 2012.

I believe that the year of 2012 will be a year of science. About learning what is specific to our section of the aquifer to make decisions based on scientific knowledge about the groundwater in our District.

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 its 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 May 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.....At-Large
Mike Pennington, Director.....Precinct One
Al Clay, Director.....Precinct Three
Frank Langley Jr, Director.....Precinct Three
Larry McMillan, Director.....Precinct Four
Richard Bagley, Director.....Precinct Four

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.

Management Plan: Objectives and Performance Standards

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.

***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.

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.

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.

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.

MINUTES OF THE REGULAR MEETING
of the
REGIONAL WATER PLANNING GROUP "I"
Wednesday, June 22, 2011 – 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 10:05 a.m.
2. Invocation & Pledge of Allegiance – Worth Whitehead 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 22)

Kelley Holcomb
David Alders
David Brock
Jerry Clark
Josh David
Chris Davis
Mark Dunn
Scott Hall
Mike Harbordt
William Heugel
Joseph Holcomb
Glenda Kindle
Duke Lyons
Hermon Reed
Monty Shank
Darla Smith
Worth Whitehead

Voting Members Absent (5)

Jeff Branick
George P. Campbell
Bill Kimbrough
Dale R. Peddy
J. Leon Young

Proxies:

Scott Hall for Jeff Branick
Kelly Holcomb for George P. Campbell
Jerry Clark for Dale R. Peddy
David Alders for J. Leon Young

Non-Voting Members Present:

Adam Bradley (Region D)

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
John Martin, SE Texas GCD
Leah Adams, PCGCD

4. **Consideration and Approval of the Minutes for the March 16, 2011 meeting.** Chair Holcomb referenced the minutes in the packet.

Glenda Kindle moved to approve the minutes as written. The motion was seconded by Monty Shank 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 indicated he had the Region C 2011 Water Plan on CD if anyone was interested in a copy.
 - B. **Region D** – Worth Whitehead stated Region D was going through the nominating process for seven voting members.
 - C. **Region H** – David Alders stated Region H had their last meeting on May 4 and selected Freeze and Nichols as their consultant for the 2016 water plan. He stated the comparisons from the 2010 Census and the 2010 projections might make an interesting topic for a future meeting. Lann Bookout indicated TWDB has a map that shows the increase/decrease and comparative data related to this subject.
7. **Reports from Standing Committees:**
- A. **Executive Committee** – Kelly Holcomb - No report.
 - B. **Finance Committee** – Darla Smith stated the proposed budget for FY 2011-2012 would be considered later in the meeting. She stated Angelina County was the only county who had not paid their 2011 allocation.
 - C. **Bylaws Committee** – David Alders – No report.
 - D. **Technical Committee** – Mike Harbordt - No report.
 - E. **Nominations Committee** – George Campbell absent. No report.

Joe Holcomb arrived at 10:19 a.m.

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 July *Texas Parks and Wildlife Magazine*. He stated this would be the last issue he could provide, and encouraged everyone to get a subscription. He stated the “Every Drop Counts” article was very timely. He explained the dead zone was not an issue, with resolved oxygen within the Mississippi and Atchafalaya Rivers affecting salinity, deleting Gulf sea water. He stated Sabine Lake was saltier than 10 miles into the Gulf currently.

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

9. **Report from Texas Water Development Board Staff** – Lann Bookout reported contract packages were under review and when final would be posted on the TWDB website. He stated TWDB was moving forward on applications and decisions would be final after the TWDB meeting today. Close-outs of all previous funding cycles are being redistributed during application approval.

Lann reviewed SB660 signed on August 16 which would allow groundwater districts to appoint one member for every Groundwater Management Area, to serve on the regional water planning group. He stated it was unclear whether the GMA representative was a voting member. Lann explained there were two GMAs in Region I. He also stated if the Bylaws would be affected, they would need to be changed.

Mike Harbordt asked if TWDB was going to have to cut staff like other agencies were doing. Lann stated TWDB had to cut costs and at some point staff cuts might be included. He did not know how cost reductions would affect the regional planning services at this time, but stated all state agencies were affected.

10. **Report from Consultant Team – Rex Hunt/Alan Plummer Associates, Inc.**
Report on possible schedule for the Round 4 planning cycle.

Rex Hunt reviewed 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

Rex stated TWDB would provide draft non-municipal numbers for non-municipal water demands based on the previous plan or new information, and stated TWDB had previously indicated more work was needed on irrigation numbers. He stated livestock demands would be reviewed and indicated the draft mining report addressed the Haynesville Shale gas recovery, which included Angelina, Nacogdoches, Panola, Rusk, Sabine, San Augustine and Shelby Counties would affect Region I, particularly in Shelby and San Augustine Counties where there was a lot of drilling activities. He was concerned with contamination of wells if not done correctly. He reported the Draft Mining Report was available on the TWDB website at <http://www.twdb.state.tx.us/wrpi/rwp/docu.asp>.

In the 2010 Census and regional and population issues, Rex indicated Rusk and Smith Counties have 2010 Census populations in excess of 10% higher than the 2011 Regional Plan projections. He stated Newton, Orange and Tyler Counties have 2010 Census populations in excess of 10% lower than the 2011 Regional Plan projections. He explained adjustment of population/demand

between users within a county will be accepted. Also, to accommodate intra-county adjustments, the plan is to begin with a high "County other" category where necessary. Adjustments between counties or between regions will only be accepted with supporting data.

Rex went over miscellaneous issues, stating planning guidance specifies 2006 or 2009 for a dry-year base for water demand projections and his concern whether these years reflect true "dry" years for every region. He stated TWDB prefers to capture the most recent conditions possible in designating dry years and that there would be flexibility in the decision, indicating his intentions to meet with TWDB individually.

Rex also reviewed the 31TAC 357 & 358 rule revisions, stating the draft revisions would be available to stakeholders in September/October 2011, with a 30-day public comment period following stakeholder input and final rule revisions considered for approval by TWDB in Spring 2012.

11. Educational presentation – David Alders – "Water Planning in Texas"

David Alders gave an overview of State and Regional Water Planning.

(Please contact the Region I Administrative Offices for a copy of the PowerPoint Presentation)

12. Public Comment – None.

13. Unfinished Businesses – None.

14. New Business

A. Receive comments on the Scope of Work for Round 4 Regional Water Planning Activities.

Lea Adams, general manager for Panola County GCD appeared and reported they had received six complaints in three months regarding dried up wells from fracking. She also stated Luminent Technologies wanted water to fill ponds. She stated these would be issues in this planning cycle.

No action necessary.

B. Consideration and approval for the FY 2012 Annual Budget

Darla Smith, finance committee chair stated \$15,000 would be requested from counties, which was a 15% decrease in requests over the last 3 years. She stated the calculations were based on county populations from the 2010 Census. She reported that Angelina County was the only county that had not paid the county allocation(s).

Darla Smith moved to adopt the FY 2011-12 budget as presented, and authorize Duke Lyons to make a presentation to Angelina County in an attempt to collect their allocation. The motion was seconded by Mark Dunn and unanimously passed.

C. Consideration and approval of FY 2011 Executive Committee

Josh David, representing the Executive Committee, moved that the following slate be appointed to the Executive Committee. The motion was seconded by Glenda Kindle 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

D. Committee Appointments for FY 2011 Standing Committees

Chair Kelley Holcomb made the following committee appointments for 2011/2012:

NOMINATIONS COMMITTEE

Chairman: George Campbell
 Hermon Reed
 Monty Shank
 David Alders
 Josh David
 Ex-Officio: Kelley Holcomb

BY-LAWS COMMITTEE

Chairman: David Alders
 Bill Kimbrough
 Mark Dunn
 George Campbell
 Dale Peddy

FINANCE COMMITTEE


Chairman: Darla Smith
 Worth Whitehead
 Duke Lyons
 William Heugel
 Chris Davis

TECHNICAL COMMITTEE

Chairman: Dr. Michael Harbordt
 Dr. Leon Young
 Monty Shank
 Scott Hall
 Joseph Holcomb
 Jerry Clark


15. **Chairman's Report** – Kelley Holcomb asked that Lila Fuller distribute meeting minutes from the Regional Water Planning Group (RWPG) Chair Conference Call held on May 25, 2011. He asked Lann Bookout to send the SB 660 rules to the membership when promulgated.
16. **General discussion** – Chair Holcomb stated that there was no business at this time to require a meeting. He stated the next meeting would be determined at a later date.
17. **Adjourn** – Chair Holcomb adjourned the meeting at 12:20 p.m.

APPROVED THIS 1st DAY OF February 2012.



Kelley Holcomb, Chair
ETRWPD – Region I

ATTEST:



Jerry Clark, Secretary

Minutes approved 2/1/2012

Region I ETRWPG
June 22, 2011

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.

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 on of the following methods:

Performance Standard

F.1 Standard: 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.

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

F.2 Standard: Each year, the District's Annual Report will include a copy of the information that has been provided on the District web site relating to recharge enhancement.

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.

F.3 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.

B. Controlling and Preventing Waste of Groundwater

Objectives B.1 and B.2: Educational Information and Rules Evaluation

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.

B.1 Performance Standard

1. Informational Booth and Educational Brochures.

In October of 2010, the District participated in the Panola County Oil and Gas Blast. The District staff was available to answer questions and to distribute informative brochures. At the close of the event, the District had distributed over 100 brochures, 200 pens, and 600 color changing cups. The District also purchased 2,000 educational book covers for distribution to Carthage ISD schools.

B. Controlling and Preventing Waste of Groundwater

Objective B.1 continued.

2. Provide Information on the District's Web Site.

The District's web site contains links to a number of useful websites pertaining to the elimination, reduction, and prevention of the waste of groundwater. (See exhibit A) The web site also contains a specific section devoted to the significance of abandoned wells and well plugging. The web site is located at www.pcgcd.org. (See exhibit B)

B.2

The District's Management Plan requires the District to make an annual evaluation of its Rules to determine whether any amendments are necessary to facilitate prevention of waste of the groundwater within District boundaries.

Summary of Actions:

B. Controlling and Preventing Waste of Groundwater

Objective B.2 continued.

1. Annual Assessment of Rules.

The District adopted their Permanent Rules on October 26, 2010. The rules will be continuously reviewed for needed amendments and/or revisions.

C. Addressing Conjunctive Surface Water Management Issues

Objectives C.1 : Regional Planning Participation

C.1

The District's Management Plan requires the District to 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.

Summary of Actions:

1. Region I.

District General Manager, Leah Adams, attended the June 22, 2011 East Texas Regional Water Planning Group meeting held in Nacogdoches, Texas. (See exhibit C)

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 : Monitoring Water Levels

D.1

The District's Management Plan requires the District to monitor water-levels within District boundaries on an annual basis by measuring the water level of at least 5 wells.

Summary of Actions:

1. Well Monitoring Network.

Well monitoring duties fall under the responsibility of the Field Technician. The District Field Technician was hired and began working in August 2010. The District is currently looking into potential wells for a well monitoring network. As of December 31, 2010, the Field Technician had located approximately 33 wells, gathering water level data on 7 wells. (See Exhibit D, Table D.1a)

E. Addressing Drought Conditions

Objectives E.1 : Drought Conditions

E.1

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

Summary of Actions:

1. "PDSI" and "Situation Reports".

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

F. Addressing Conservation, Recharge Enhancement, Rainwater Harvesting, Precipitation Enhancement, or Brush Control, Where Appropriate and Cost Effective

Objectives F.1, F.2, and F.3 : Conservation Promotion, Recharge Enhancement, and Rainwater Harvesting

F.1

The District's Management Plan requires the District to promote conservation at least once during each year.

Summary of Actions:

1. Groundwater Conservation Promotion.

The District began working with the Carthage Independent School District to add the "Major Rivers" program to the fourth and fifth grade curriculum. In December of 2009 the Board moved and approved the purchase of the supplies for the "Major Rivers" program for CISD. The program was incorporated into the curriculum for Fall of 2010.

F. Addressing Conservation, Recharge Enhancement, Rainwater Harvesting, Precipitation Enhancement, or Brush Control, Where Appropriate and Cost Effective

Objective F.1 continued.

2. Fun for Kids.

The District web site contains a link to a site created specifically for children between kindergarten through twelfth grade. The site is maintained by the Texas Water Development Board and is a trusted source for water conservation. The site is located at <http://www.twdb.state.tx.us/kids/index.htm>

F. Addressing Conservation, Recharge Enhancement, Rainwater Harvesting, Precipitation Enhancement, or Brush Control, Where Appropriate and Cost Effective

F.2

The District's Management Plan requires the District to provide information relating to recharge enhancement on the District web site at least one time each year.

Summary of Actions:

1. Recharge Enhancement.

This goal is presently not applicable or cost effective and is therefore not applicable to the district at this time.

F. Addressing Conservation, Recharge Enhancement, Rainwater Harvesting, Precipitation Enhancement, or Brush Control, Where Appropriate and Cost Effective

F.3

The District's Management Plan requires the District to advocate rainwater harvesting each year by providing updated information about rainwater harvesting on the District web site at least one each year.

Summary of Actions:

1. Rainwater Harvesting.

The District web site contains a link to the "Texas Manual on Rainwater Harvesting". This manual is provided by the Texas Water Development Board at no charge. It is available for download at http://www.twdb.state.tx.us/publications/reports/RainwaterHarvestingManual_3rdedition.pdf

Appendix

Exhibit A

The screenshot shows a Windows Internet Explorer browser window displaying the website for the Panola County Groundwater Conservation District. The browser's address bar shows the URL <http://www.pcgcd.org/main.html?src=%2F#19,0>. The website has a blue header with the text "Panola County Groundwater Conservation District". Below the header, there are two columns of content. The left column contains a vertical list of blue buttons for navigation: Home, About Us, Directors and Staff, Public Notices/Agendas, Meeting Minutes, Management Plan, Permanent Rules, Bylaws, Transfer of Ownership, Abandoned Wells, Rainwater Harvesting, Water Well Applications, Water Well Prod Forms, GMA 11, Fun for Kids, Contact Us, Conservation Tips, and FAQ. The right column is titled "Useful Links" and contains several text-based links with descriptions and URLs: 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 Resources portal (www.texasonline.com/portal/tol/en/nat/home), Railroad Commission of Texas (www.rc.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), and Licensed Water Well and Pump Installer Search (www.license.state.tx.us/LicenseSearch/). The browser's taskbar at the bottom shows the Start button, several application icons, and the system tray with the time 9:47 AM.

Appendix

Exhibit B

Panola County Groundwater Conservation District

- Home
- About Us
- Directors and Staff
- Public Notices/ Agendas
- Meeting Minutes
- Management Plan
- Temporary Rules
- Bylaws
- Abandoned Wells**
- Rainwater Harvesting
- Forms
- GMA 11
- Useful Links
- Fun for Kids
- Contact Us
- Conservation Tips
- FAQ

Abandoned Wells

Abandoned water wells pose a hazard, as well as a potential source of contamination for groundwater. If you have an abandoned well on your property, you should take steps to plug or fill in the well to prevent accidents from occurring. Landowners can fill shallow water wells their selves by following the proper guidelines. In some cases, the county may help a landowner to fill in these wells. Counties are naturally reluctant to come on private land where their equipment may damage water or sewer lines. However, if you have an abandoned well contact your commissioner or the groundwater conservation district office and see if they can help if you do not have the means to do so yourself.

Groundwater Districts are encouraging the State to make available more money to assist landowners in filling and plugging abandoned wells. A deep water well can be plugged by removing the casing if possible and cementing and/or using bentonite clay to fill the penetration to the surface, from the bottom up. Contact the PCGCD District office if you have any questions about abandoned water wells.

An abandoned well is a direct conduit from the surface to the aquifer below. Contaminants that enter the well are introduced directly into the aquifer with no opportunity for natural filtration by soils or geologic materials. If a contamination incident occurs with a concentrated chemical, the potential for health threatening levels in the underlying aquifer is high. This puts other wells in the aquifer at risk, particularly those wells on the same property or those that are close to the abandoned well. Just one gallon of 2,4-D herbicide can contaminate about three to four million gallons of water. In terms of groundwater, approximately that much water would be held in the upper three feet of an aquifer over a 20-acre area.

A well open to more than one aquifer will allow water to migrate out of a zone with higher pressure head and enter a zone with lower pressure head. In many areas of Texas, deep aquifers are under high pressures and are extremely salty. When the casing from a high pressure well deteriorates and the well is abandoned without proper plugging, continual upward flow of salty water from the deeper aquifer will cause contamination of the shallow, freshwater aquifer. Also, any pollutants that occur in one zone can migrate to another zone through the well.

Appendix

Exhibit C

Minutes of the Regular Meeting
of the
REGIONAL WATER PLANNING GROUP "I"
Wednesday, June 22, 2011 – 10:00 a.m.
Nacogdoches Recreation Center
1112 North Street, Nacogdoches, Texas

Copy of 6 page, signed minutes follows

Appendix

Exhibit C continued

Appendix

Exhibit C continued

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

9. **Report from Texas Water Development Board Staff** – Lann Bookout reported that the 2011 ETRWPG Regional Water Plan would go before the Texas Water Development Board on December 16 for final approval. He stated he would be given a brief period at the meeting to provide information with regard to Region 1 to the TWDB and review population projections to familiarize the board with the region. Lann stated TCEQ, Texas Parks and Wildlife and Texas Department of Agriculture would receive copies of the final plan.

Rex Hunt stated he and Chair Kelley Holcomb would attend the TWDB meeting on December 16.

Mark Dunn arrived at 10:28 a.m.

10. **Report from Consultant Team – Rex Hunt/Alan Plummer Associates, Inc. Report on errata changes to the 2011 Regional Water Plan.**

Rex Hunt stated errata changes were minor and did not require RWPG approval. He reviewed the changes which were submitted by Chairman Holcomb on December 1 to the TWDB and included seven (7) changes to five of the appendices.

Rex reviewed the changes as follows:

- **Revisions to Appendix 2-B:**
Addition of table numbering to titles
- **Revisions to Appendix 3-B:**
Addition of table numbering to titles
- **Revisions to Appendix 4C-B:**
Addition of table numbering to titles
Addition of Table 4C-B.7 recommended and alternative water management strategies
Removal of sediment reduction as a water management strategy from several locations in the appendix
- **Revisions to Appendix 4D-A:**
Removal of sediment reduction as a water management strategy
- **Revisions to Appendix 9-A:**
Removal of sediment reduction as a water management strategy

Rex stated there was one additional change to be added on Appendix 40C on page 91t change the date 2050 to 2060.

Rex stated that during 2011 the TWDB would prepare the 2012 State Water Plan base on the 2011 updates of the 16 regional water plans.

Rex thanked the ETRWPG, Lila and Stacy with the City of Nacogdoches and his consulting team of Freese & Nichols, LB Guyton and Walker Associates for their hard work on the project.

11. **Educational presentation** – Mike Harbordt gave a brief review of the Carrizo Wilcox Aquifer Stakeholder meeting recently held.

Minutes approved 3/16/11
Region I ETRWPG
December 8, 2010

12. **Public Comment** – None.

13. **Unfinished Businesses** – None.

14. **New Business**

A. Consideration and Possible Approval of a change in By-laws.

David Alders, chair of the Bylaws Committee stated the committee had met earlier regarding a possible Bylaws change. He explained the current Bylaws require quarterly meetings and the committee was recommending the Bylaws be changed to strike the first sentence of Article IX, Section 2 to state the ETRWPG to meet no less than twice a year. David stated it was the intention of the ETRWPG to continue to meet quarterly if there was action to take, but this would eliminate the requirement to meet quarterly if it was not necessary.

David Alders moved to amend the Bylaws to state that while the regular meeting schedule is quarterly, that the ETRWPG meet no less than twice each year. The motion was seconded by Mike Harbordt and unanimously passed.

15. **Chairman's Report** – No report.

16. **General discussion** – Lann Bookout with TWDB brought up a few items with regard to TCEQ rules and the Trinity/San Jacinto and Sabine environmental flow standard comment period. He also stated new population information from the 2011 census should be available as early as March.

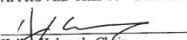
There were some general questions from the new members and a general discussion of those questions.

Monty Shank gave a brief update on the Lake Palestine pipeline to Tarrant County.

17. **Adjourn** –

David Alders moved to adjourn at 11:23 a.m. The motion was seconded by Josh David and unanimously passed.

APPROVED THIS 16TH DAY OF MARCH 2011.


Kelley Holcomb, Chair
ETRWPG – Region I

ATTEN:

Jerry Clark, Secretary

Minutes approved 3/16/11

Region I ETRWPG
December 8, 2010

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Appendix

Exhibit D

Inspected Wells 2010

Well Type	Well Location	Lat	Long	Casing	Water Level	Depth	In Use	Date Encountered
domestic	Gary/Timpson	(40') 31° 58' 52.4"	94° 25' 30.8"	3' concrete	16.1'	unk	Y	11/2/2010
domestic	Gary/Timpson	(15') 31° 58' 24.7"	94° 32' 19.1"	3' concrete	73.8'	75.5' (TWDB tags)	Y	11/2/2010
domestic	Clayton	(22') 32° 03' 38.2"	94° 33' 53.9"	pvc	88.6'	unk	Y	11/2/2010
oil/gas	Rock Hill	(36') 32° 17' 27.8"	94° 24' 48.3"	4" pvc	55.6'	193.3'	N	11/17/2010
oil/gas	Rock Hill	(28') 32° 17' 09.7"	94° 24' 31.7"	4" pvc	64.9'	316.2'	N	11/17/2010
oil/gas	Deadwood	(11') 32° 06' 44.4"	94° 06' 04.4"	4" pvc	60' visual estimate	unk	N	11/19/2010
domestic	Deadwood	(16') 32° 06' 14.3"	94° 06' 14.3"	3" pvc	17.1'	unk	N	11/19/2010

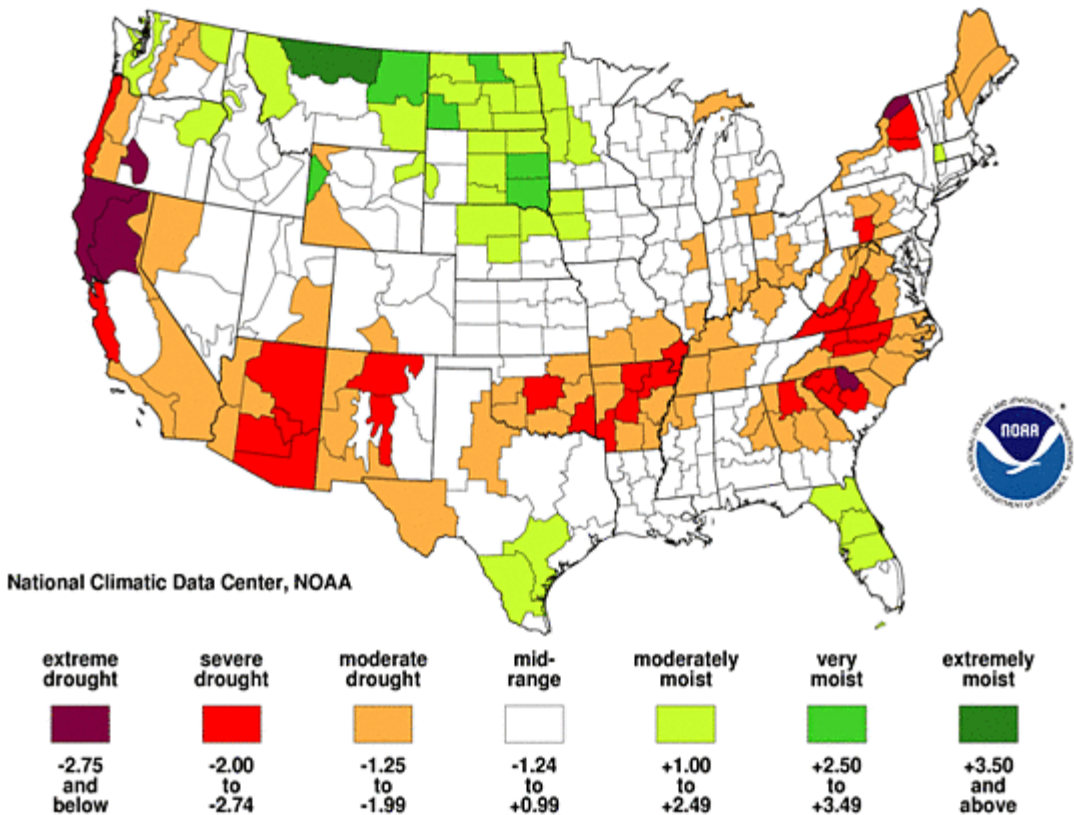
(Table D.1a)

Appendix

Exhibit E Palmer Drought Severity Index

Palmer Z Index Short-Term Conditions

January 2011

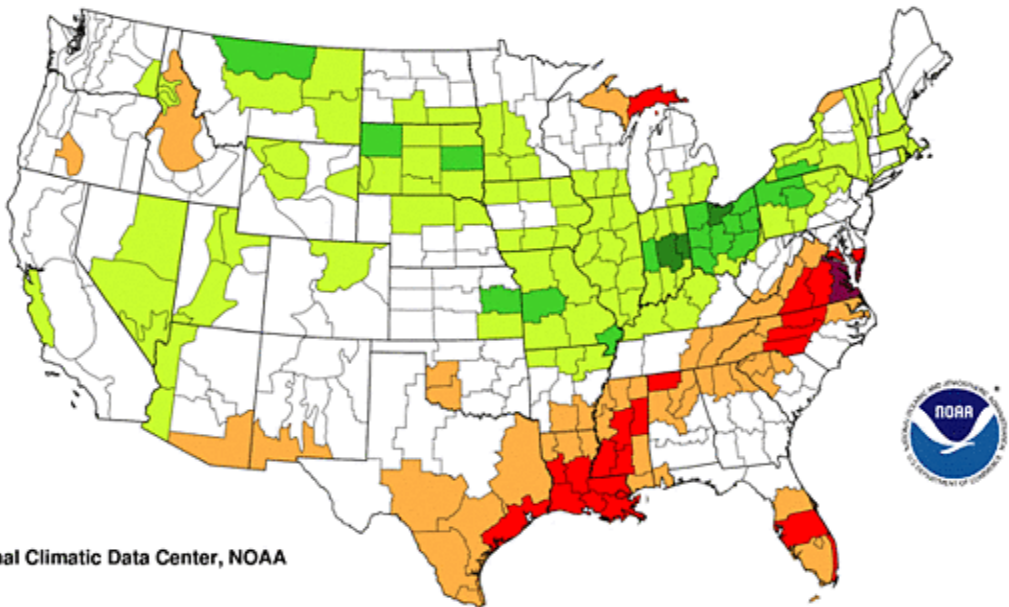


Appendix

Exhibit E - cont. Palmer Drought Severity Index

Palmer Z Index Short-Term Conditions

February 2011



National Climatic Data Center, NOAA

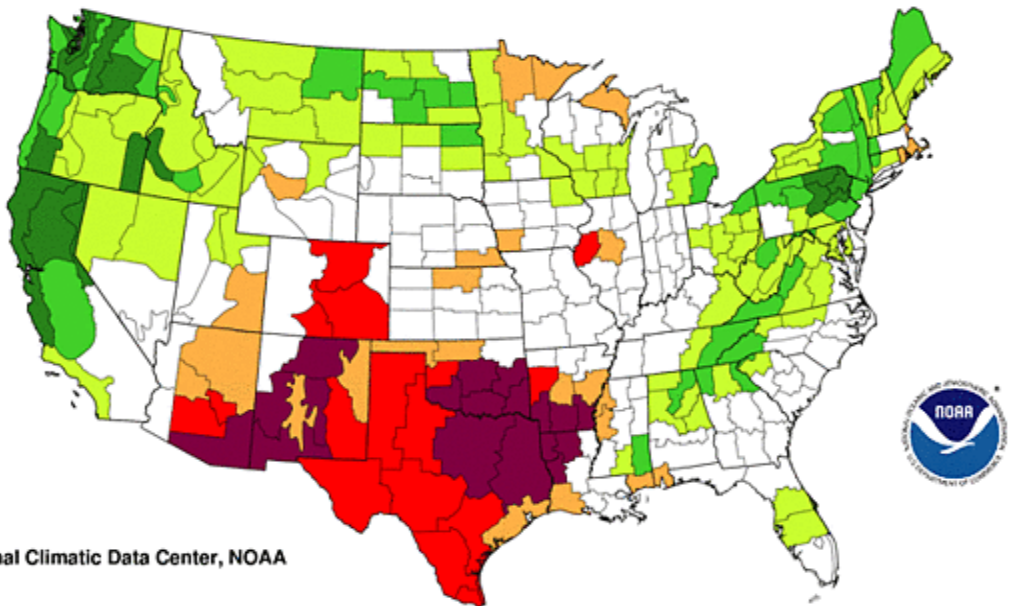


Appendix

Exhibit E - cont. Palmer Drought Severity Index

Palmer Z Index Short-Term Conditions

March 2011



National Climatic Data Center, NOAA

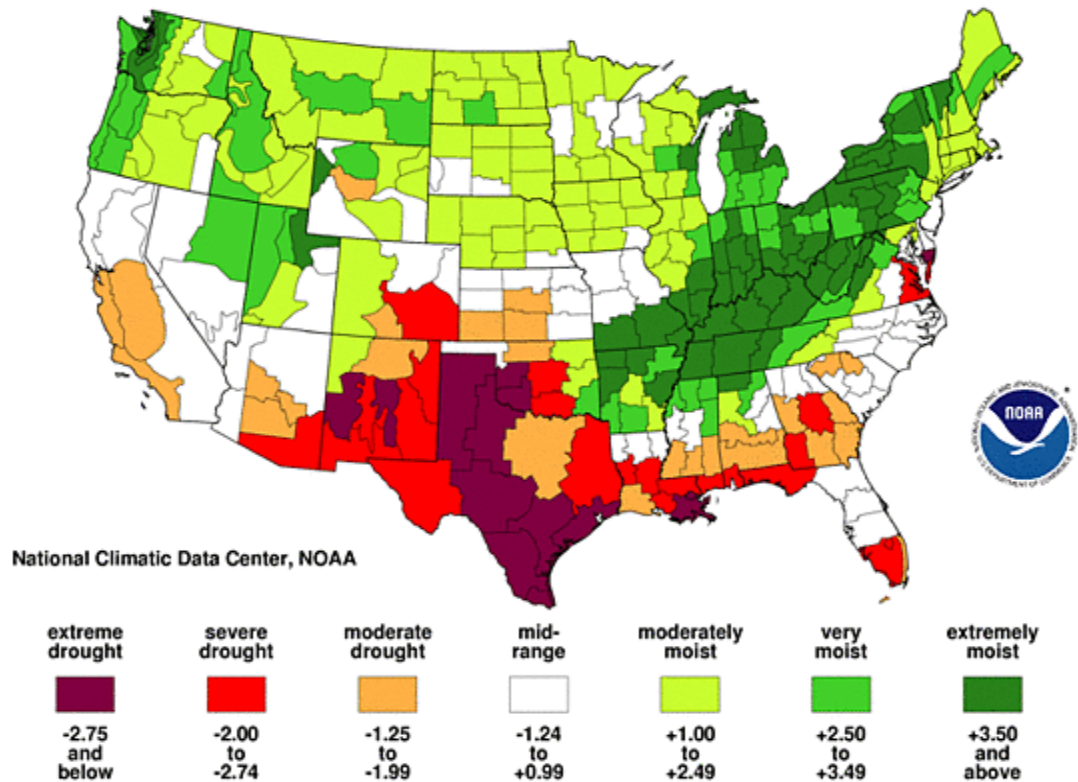


Appendix

Exhibit E - cont. Palmer Drought Severity Index

Palmer Z Index Short-Term Conditions

April 2011

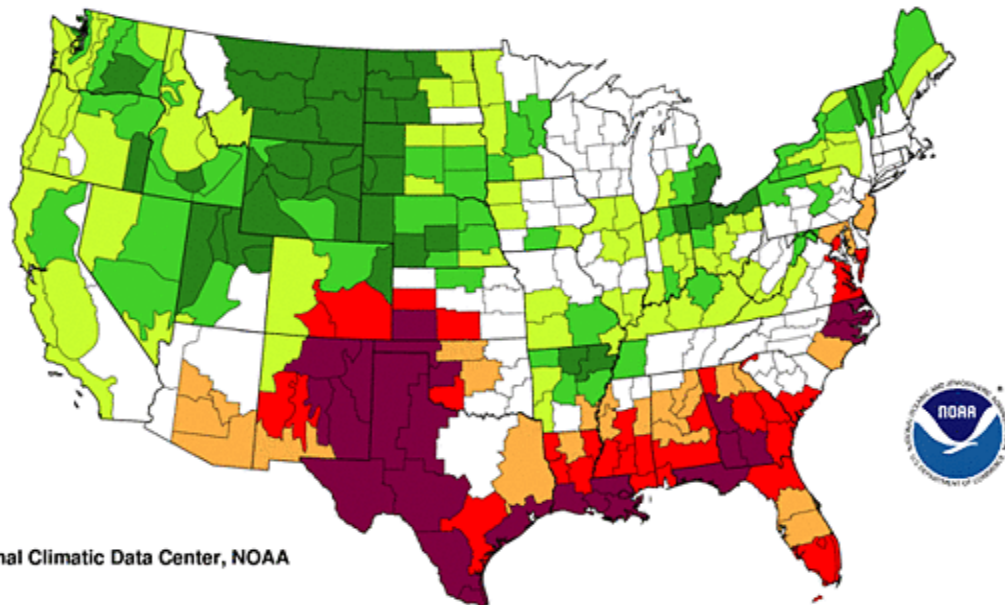


Appendix

Exhibit E - cont. Palmer Drought Severity Index

Palmer Z Index Short-Term Conditions

May 2011



National Climatic Data Center, NOAA

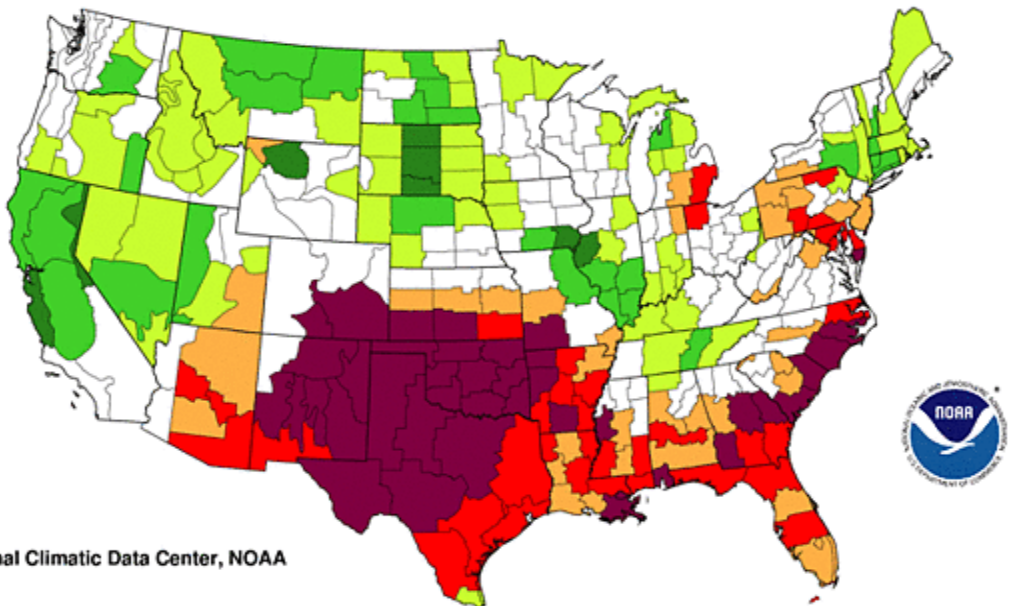


Appendix

Exhibit E - cont. Palmer Drought Severity Index

Palmer Z Index Short-Term Conditions

June 2011



National Climatic Data Center, NOAA

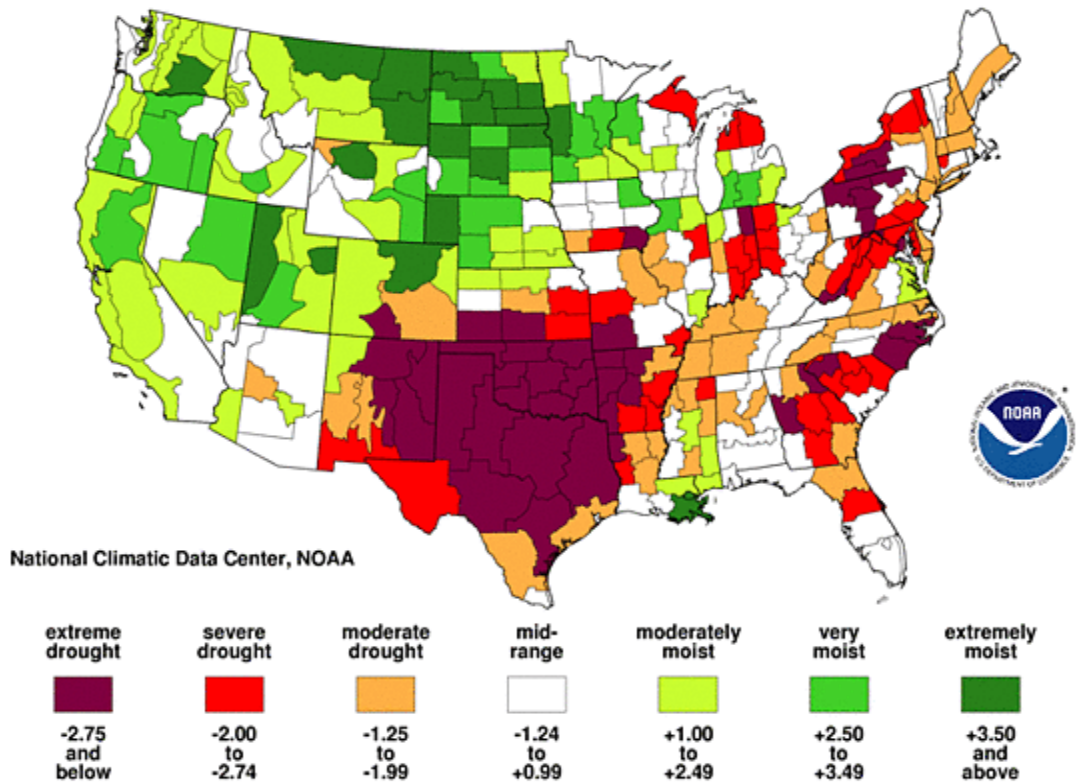


Appendix

Exhibit E - cont. Palmer Drought Severity Index

Palmer Z Index Short-Term Conditions

July 2011

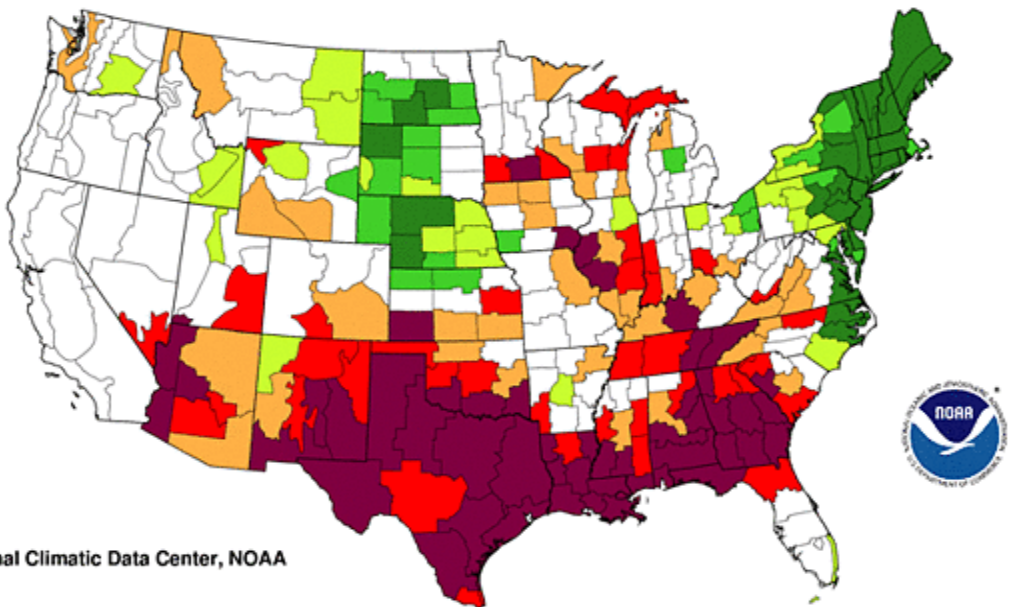


Appendix

Exhibit E - cont. Palmer Drought Severity Index

Palmer Z Index Short-Term Conditions

August 2011



National Climatic Data Center, NOAA

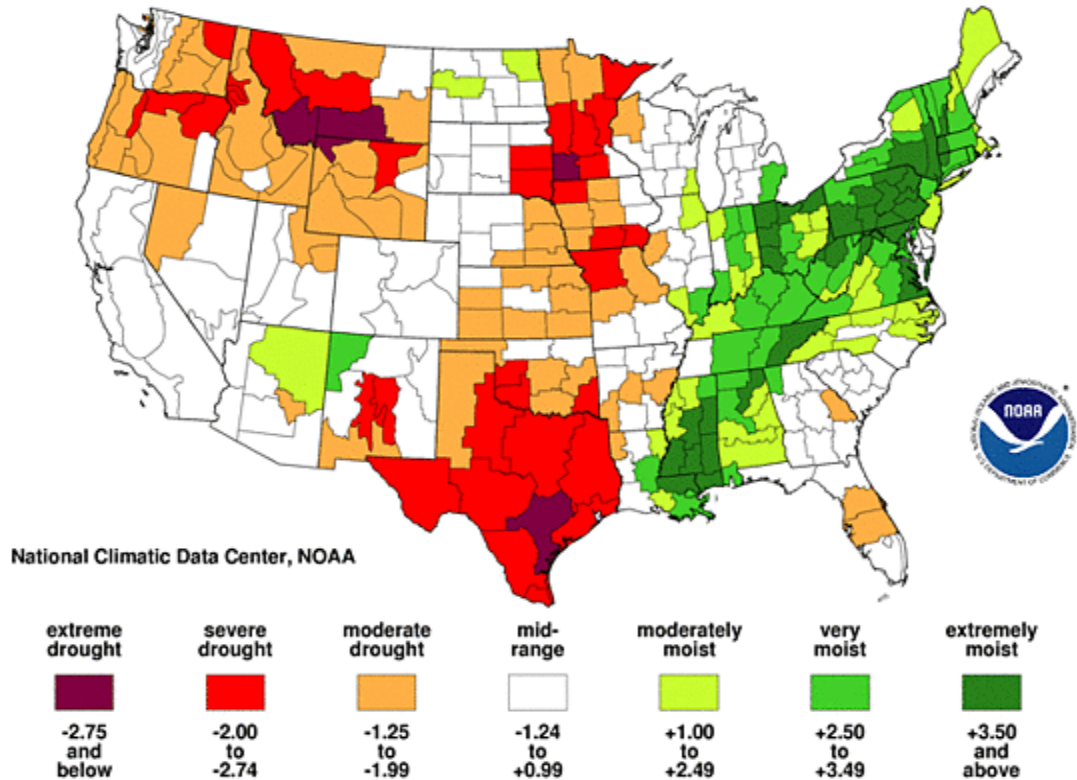


Appendix

Exhibit E - cont. Palmer Drought Severity Index

Palmer Z Index Short-Term Conditions

September 2011

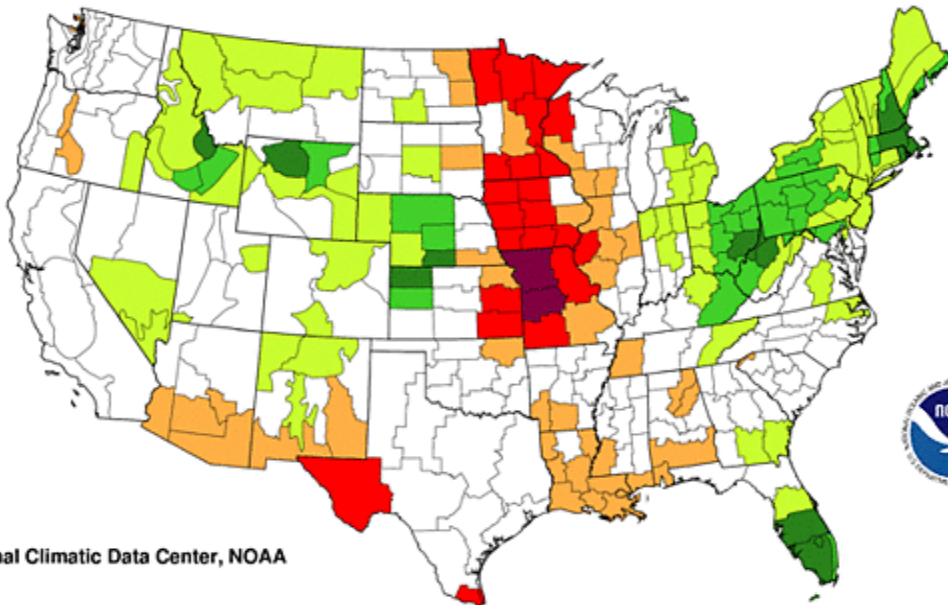


Appendix

Exhibit E - cont. Palmer Drought Severity Index

Palmer Z Index Short-Term Conditions

October 2011



National Climatic Data Center, NOAA

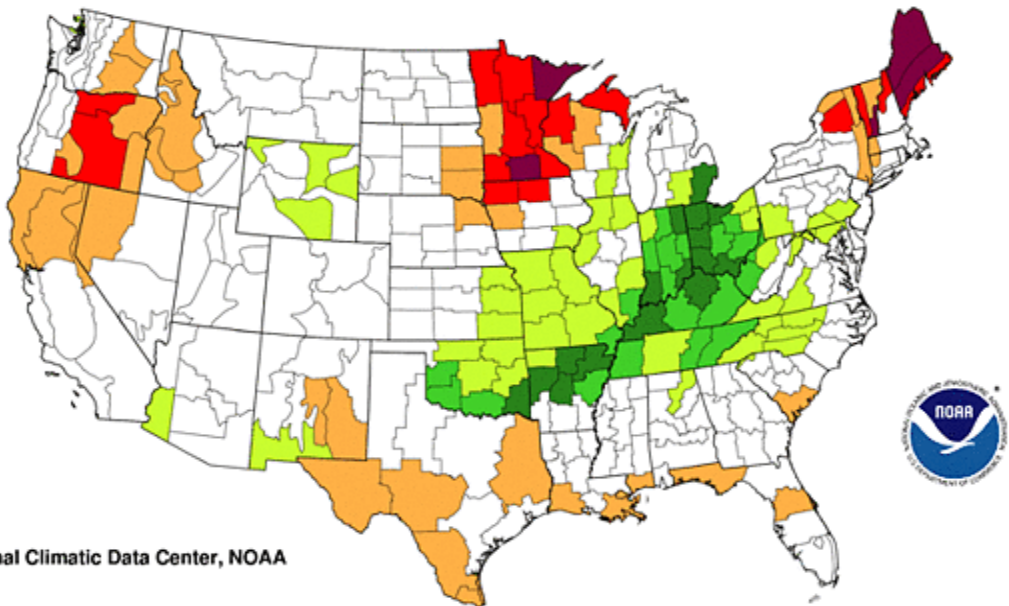


Appendix

Exhibit E - cont. Palmer Drought Severity Index

Palmer Z Index Short-Term Conditions

November 2011



National Climatic Data Center, NOAA

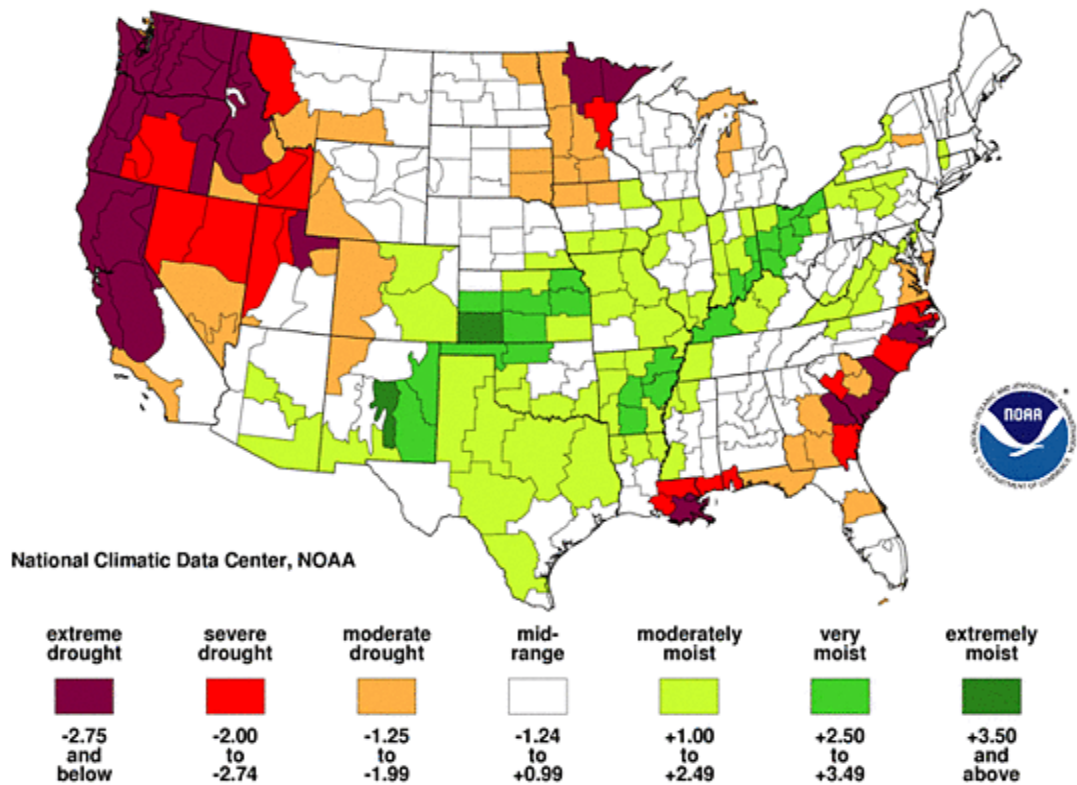


Appendix

Exhibit E - cont. Palmer Drought Severity Index

Palmer Z Index Short-Term Conditions

December 2011



Appendix

Exhibit E – cont. “Situation Report” February, 2011



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 28, 2011

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 Robert Duncan, 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 Kip Averitt, Chairman, Senate Natural Resources Committee, State of Texas
The Honorable John Carona, 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 Yvonne Gonzalez-Tourelles, Chairman, House Agriculture & Livestock Committee, State of Texas
The Honorable Pete Gallego, Chairman, House Criminal Jurisprudence Committee, State of Texas
Mr. Ray Sullivan, Chief of Staff, Office of the Governor
Mr. Josh Havens, Texas Governor's Office of Homeland Security

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

Carla Baze, Member
Texas Department of Transportation

Chris Loft, Member
Texas Commission on Environmental
Quality

Michael Dunivan, Member
Texas Forest Service

John Sutton, Member
Texas Water Development Board

Dr. Travis Miller, Member
Texas AgriLife Extension Service

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

Thomas Walker, Member
Office of the Governor
Economic Development & Tourism

Gus Garcia, Member
Texas Department of Rural Affairs

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

March 10, 2011 at 2:00 p.m. via teleconference.

Appendix

Exhibit E - cont. "Situation Report" March, 2011



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

March 10, 2011

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 Robert Duncan, 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
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The Honorable Pete Gallego, Chairman, House Criminal Jurisprudence Committee, State of Texas
Mr. Ray Sullivan, Chief of Staff, Office of the Governor
Mr. Josh Havens, Texas Governor's Office of Homeland Security

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
Carla Baze, Member
Texas Department of Transportation
Chris Loft, Member
Texas Commission on Environmental Quality
Michael Dunivan, Member
Texas Forest Service

John Sutton, Member
Texas Water Development Board
Dr. Travis Miller, Member
Texas AgriLife Extension Service
David A. Van Dresar, Member
Texas Alliance of Groundwater Districts
Thomas Walker, Member
Office of the Governor
Economic Development & Tourism
Gus Garcia, Member
Texas Department of Rural Affairs

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

April 14th, 2011 at 2:00 p.m. DPS Headquarters

Appendix

Exhibit E - cont. “Situation Report” April, 2011



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

April 30, 2011

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 Robert Duncan, 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 Kip Averitt, Chairman, Senate Natural Resources Committee, State of Texas
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The Honorable Allan Ritter, Chairman, House Natural Resources Committee, State of Texas
The Honorable Yvonne Gonzalez-Tourelles, Chairman, House Agriculture & Livestock Committee, State of Texas
The Honorable Pete Gallego, Chairman, House Criminal Jurisprudence Committee, State of Texas
Mr. Ray Sullivan, Chief of Staff, Office of the Governor
Mr. Josh Havens, Texas Governor's Office of Homeland Security

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
Carla Baze, Member
Texas Department of Transportation
Chris Loft, Member
Texas Commission on Environmental
Quality
Michael Dunivan, Member
Texas Forest Service

John Sutton, Member
Texas Water Development Board
Dr. Travis Miller, Member
Texas AgriLife Extension Service
David A. Van Dresar, Member
Texas Alliance of Groundwater Districts
Thomas Walker, Member
Office of the Governor
Economic Development & Tourism
Gus Garcia, Member
Texas Department of Rural Affairs

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

May 10, 2011 at 2:00 p.m. DPS Headquarters

Appendix

Exhibit E - cont. "Situation Report" May, 2011



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

May 9, 2011

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. Ray Sullivan, Chief of Staff, Office of the Governor
Mr. Steven McCraw, Texas Governor's Office of Homeland Security

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

Carla Baze, Member
Texas Department of Transportation

Chris Loft, Member
Texas Commission on Environmental
Quality

Michael Dunivan, Member
Texas Forest Service

John Sutton, Member
Texas Water Development Board

Dr. Travis Miller, Member
Texas AgriLife Extension Service

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

Thomas Walker, Member
Office of the Governor
Economic Development & Tourism

Gus Garcia, Member
Texas Department of Rural Affairs

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

June 9th, 2011 at 2:00 p.m. DPS Headquarters

Appendix

Exhibit E - cont. “Situation Report” June, 2011



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

June 16, 2011

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. Ray Sullivan, Chief of Staff, Office of the Governor
Mr. Steven McCraw, Texas Governor's Office of Homeland Security

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

Carla Baze, Member
Texas Department of Transportation

Chris Loft, Member
Texas Commission on Environmental
Quality

Michael Dunivan, Member
Texas Forest Service

John Sutton, Member
Texas Water Development Board

Dr. Travis Miller, Member
Texas AgriLife Extension Service

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

Vacant, Member
Office of the Governor
Economic Development & Tourism

Gus Garcia, Member
Texas Department of Rural Affairs

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

July 14th, 2011 at 2:00 p.m. DPS Headquarters

Appendix

Exhibit E - cont. "Situation Report" July, 2011



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

July 14, 2011

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. Ray Sullivan, Chief of Staff, Office of the Governor
Mr. Steven McCraw, Texas Governor's Office of Homeland Security

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
Carla Baze, Member
Texas Department of Transportation
Chris Loft, Member
Texas Commission on Environmental Quality
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Texas Forest Service

John Sutton, Member
Texas Water Development Board
Dr. Travis Miller, Member
Texas AgriLife Extension Service
David A. Van Dresar, Member
Texas Alliance of Groundwater Districts
Vacant, Member
Office of the Governor
Economic Development & Tourism
Gus Garcia, Member
Texas Department of Rural Affairs

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

August 11, 2011 at 2:00 p.m. DPS Headquarters

Appendix

Exhibit E - cont. "Situation Report" August, 2011



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

August 09, 2011

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. Ray Sullivan, Chief of Staff, Office of the Governor
Mr. Steven McCraw, Texas Governor's Office of Homeland Security

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

Vacant, Member
Office of the Governor
Economic Development & Tourism

Gus Garcia, Member
Texas Department of Rural Affairs

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

September 08, 2011 at 2:00 p.m. DPS Headquarters

Appendix

Exhibit E - cont. “Situation Report” September, 2011



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

September 22, 2011

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
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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. Ray Sullivan, Chief of Staff, Office of the Governor
Mr. Steven McCraw, Texas Governor's Office of Homeland Security

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

Vacant, Member
Office of the Governor
Economic Development & Tourism

Gus Garcia, Member
Texas Department of Rural Affairs

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

October 13, 2011 at 2:00 p.m. DPS Headquarters

Appendix

Exhibit E - cont. “Situation Report” October, 2011



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

October 12, 2011

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
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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. Ray Sullivan, Chief of Staff, Office of the Governor
Mr. Steven McCraw, Texas Governor's Office of Homeland Security

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

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

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

Gus Garcia, Member
Texas Department of Rural Affairs

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

November 10, 2011 at 2:00 p.m. DPS Headquarters

Appendix

Exhibit E - cont. “Situation Report” November, 2011



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

November 16, 2011

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, Texas Governor's Office of Homeland Security

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	Cindy Loeffler, 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	Gus Garcia, Member Texas Department of Rural Affairs	Marisa Callan Texas Department of Housing and Community Affairs

1. NEXT COUNCIL MEETING

December 8, 2011 at 2:00 p.m. DPS Headquarters

Appendix

Exhibit E - cont. “Situation Report” December, 2011



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

December 13, 2011

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

January 12, 2012 at 2:00 p.m. DPS Headquarters

Appendix

Exhibit E - cont. “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

January 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
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

February 9, 2012 at 2:00 p.m. DPS Headquarters