



GCGCD NEWS



FALL 2015 Newsletter

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El Niño: What does that mean for Texas?

Meteorologists across the country agree that this year's El Niño could surpass the El Niño of record of 1997-1998. Dubbed "Godzilla" by many, the National Weather Service's Climate Prediction Center reported all computer models point to a strong El Niño to peak in late fall to early winter. So what does that mean for Texas?

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WWW.GCGCD.ORG

Visit our website for more information and much more!

Earth graphic obtained from yestotexas.com

Please help us welcome our newest board member Robert Raetzsch – Representing District 3 - who was officially sworn in this August.



Robert! We're excited you joined us!

And let's also please acknowledge District 4 member Bill Jones and District 6 member Hil Starcke for their commitment of another term. A special *Thank You* to **ALL** of our board members for your dedication to groundwater, its preservation and our community's groundwater needs.

Aquifer Levels

Water levels were once again measured in September. GCGCD staff visited twenty one monitoring wells, ten completed in the Carrizo aquifer and eleven in the Wilcox aquifer. The District recently purchased a sonic water level measuring device which uses sound waves to determine the static water level measurement within seconds with an accuracy of 0.1'. This new device has a built in data logger giving the District the ability to record drawdown levels over time, unsupervised. We look forward to collecting more data to help us better understand the aquifers which we are charged with protecting. Even though we have a new fancy gizmo, we understand that every well is completed differently so we still use our E-line and keep the steel tape and chalk handy (just in case, hoping to never need)!

GCGCD eliminated one of our previously measured Wilcox wells – Monroe Shubert well (7) from our inventory due to limited access. We added a new Wilcox well – Baker (7c). For a detailed list of all water level measurements to date, visit our website [Monitoring Well](#) page. There you will find the most current approximate altitude of water levels in the Carrizo-Wilcox aquifer plotted by our consulting geologist William B. Klemt. According to Klemt, water levels in the Carrizo-Wilcox aquifer for the September 2014 – September 2015 period have changed very little. Carrizo wells located either in or near the outcrop showed an average decline of ~0.6 feet. Wells located in the SSLGC area (6, 6a) averaged a decline of ~0.4 feet. Wells in the CRWA area (5, 3a) averaged water level changes of ~3 feet. Although Klemt predicts small to moderate long-term water level declines due to SSLGC, SAWS and CRWA well fields in Guadalupe and Gonzales Counties – he is confident that GCGCD will meet its DFC (Desired Future Condition).

GCGCD would like to thank all of the landowners who have volunteered access to their wells all these years. Without your cooperation, it would not be possible for us to obtain the measurements required to study our aquifer levels. We greatly appreciate your generosity!

Thank You,

All of us at GCGCD

PRODUCTION UPDATES

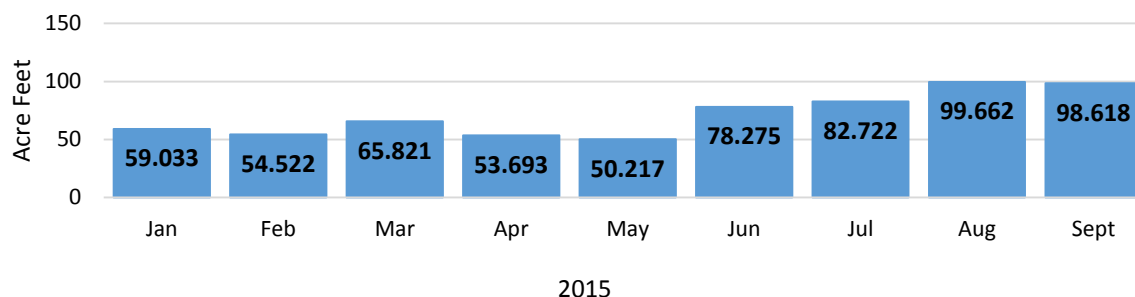
Permitted Amounts for GCGCD Pumpers (in acre feet)



Carrizo	1,106.23	2,603.415	3,226.0	0
Wilcox	0	3,026.0	1,290.4	741.6

SHWSC 2015 Carrizo Production

(permitted amount 1,106.23 a.f./yr)



Schertz-Seguin Local Government Corporation's Wilcox permits were granted unanimously by the GCGCD board in August – Wilcox production has not yet begun.

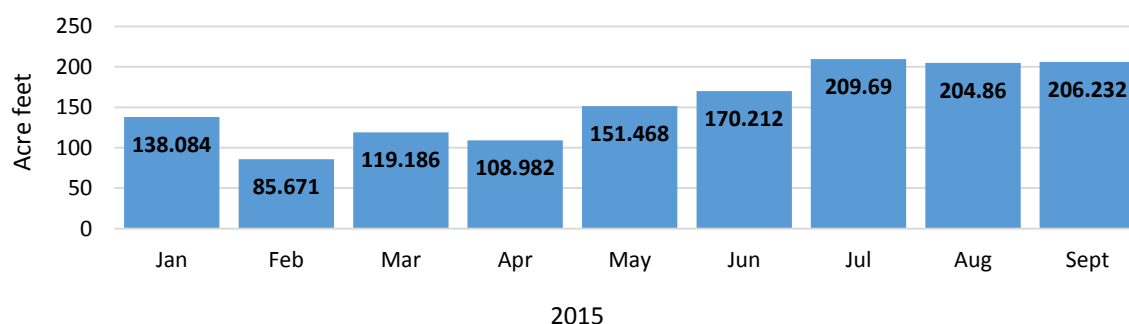
Crystal Clear Special Utility District is looking to begin Wilcox production in 2018.

Springs Hill Water Supply Corporation has no Wilcox permits to date.

Canyon Regional Water Authority has no Wilcox production to date.

CRWA 2015 Carrizo Production

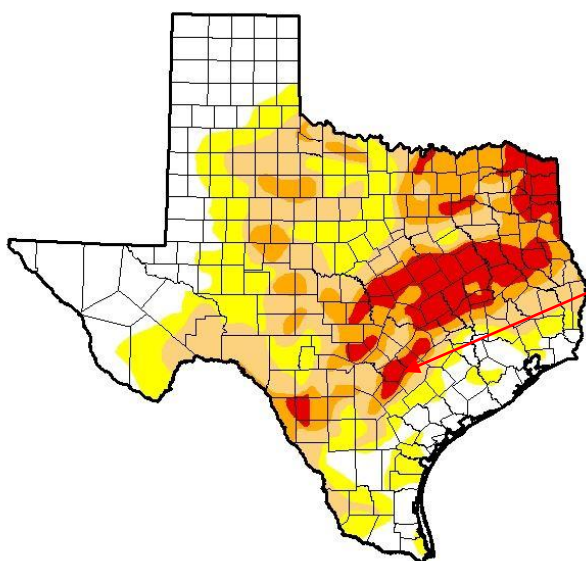
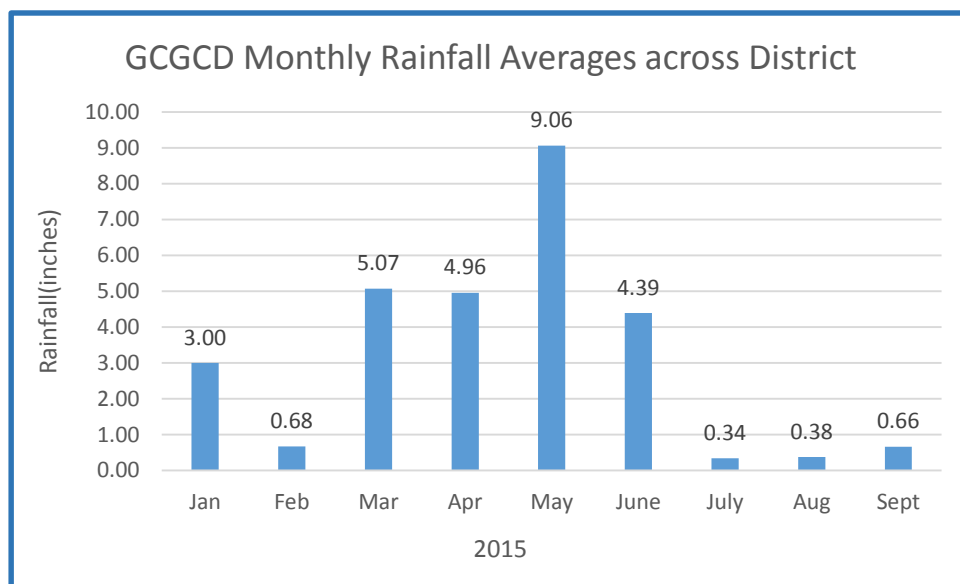
(permitted amount 2,603.415 a.f./yr)





Rainfall report or lack there of... ☹️

28.54" Total for Year so far



As of October,
Guadalupe County is
listed as **D3 – Extreme
Drought**

Where's that
El Niño rain?

Source: NOAA, NWS, NCEP, CPC Oct. 10, 2015



Weather Forecasting



El Niño

(continued from pg. 1)

We have already seen some of the effects of this powerful weather system this past Memorial Day weekend where massive flooding claimed over a dozen lives and destroyed 400+ homes in the Wimberley-Blanco area.

Late October and early November could see cooler temperatures and a substantial increase in rainfall causing potential flash flooding locally. Although rain would be a welcome site considering how dry these past few months have been, flooding is a very real concern.

Weather experts are keeping a close eye on the trade winds and ocean temperatures to determine just how strong this El Niño will be. It is a waiting game. All we can do is be alert and prepared. Stay Safe!

Although hurricanes are considered a low threat to Guadalupe County due to its inland location; heavy rains, strong winds and tornados spawned from these storms do impact our area. Local flooding is a major concern.

Long-time Guadalupe County residents no doubt remember the flooding of 1998, 2002, 2010 and of course, most recently this past Memorial Day holiday weekend.



In response to those events, a new flood alert system including new sirens and solar powered gauges have been installed along the Guadalupe River downstream from Canyon Dam funded in part by Comal and Guadalupe Counties.

Sources for Up to Date Weather Information & Safety Tips – [click on icons](#)



NOAA - National Weather Service campaign to warn people of dangers of driving through flood waters.



GCGCD is once again proudly sponsoring the “Newspapers for Education” program offered by the Seguin Gazette - sending newspapers to the classrooms at Weinert Elementary for the 2015-2016 school year. Reading is **FUN!**

As of September 1st, 2015

H.B. 3357 became law

Water districts or other political subdivisions extending into fewer than four counties can now post public notices on the district’s website instead of the courthouse bulletin board.



GCGCD will now be posting our board meeting agendas on our website www.gcgcd.org as well as on our office door at 113 S. River Street # 209, La Plaza Building, Seguin, TX

Click to read [H.B. 3357 Section 551.054](#)



Upcoming Calendar Events

Nov. 12th: 10 am - Stakeholder GMA 13 Brackish Groundwater Mapping Project - Pleasanton, Texas

Nov. 12th: 4:30 pm - GCGCD board meeting

GCGCD Board of Directors & Staff

Ron Naumann.....President, District 1.....ronnaumann@sbcglobal.net
Jeff Schuehle.....Vice President, District 7.....jeff_schuehle@gcgcd.org
Hilmar Blumberg.....Secretary, District 2.....hilmar_blumberg@gcgcd.org
Charles J. Willmann.....Treasurer, District 5.....charlie_willmann@gcgcd.org
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