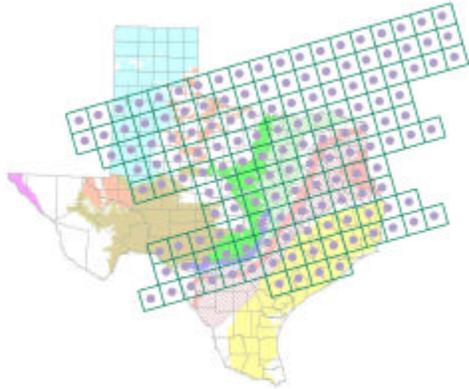


texas water development board



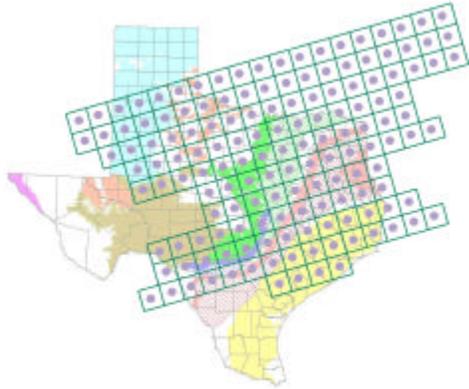
## GAM

- Purpose: to develop the best possible groundwater availability model with the available time and money.
- Public process: you get to see how the model is put together.
- Freely available: standardized, thoroughly documented, and available over the internet.
- Living tools: periodically updated.

## What is a Numerical Groundwater Flow Model?

- ‘The aquifer in a computer!’

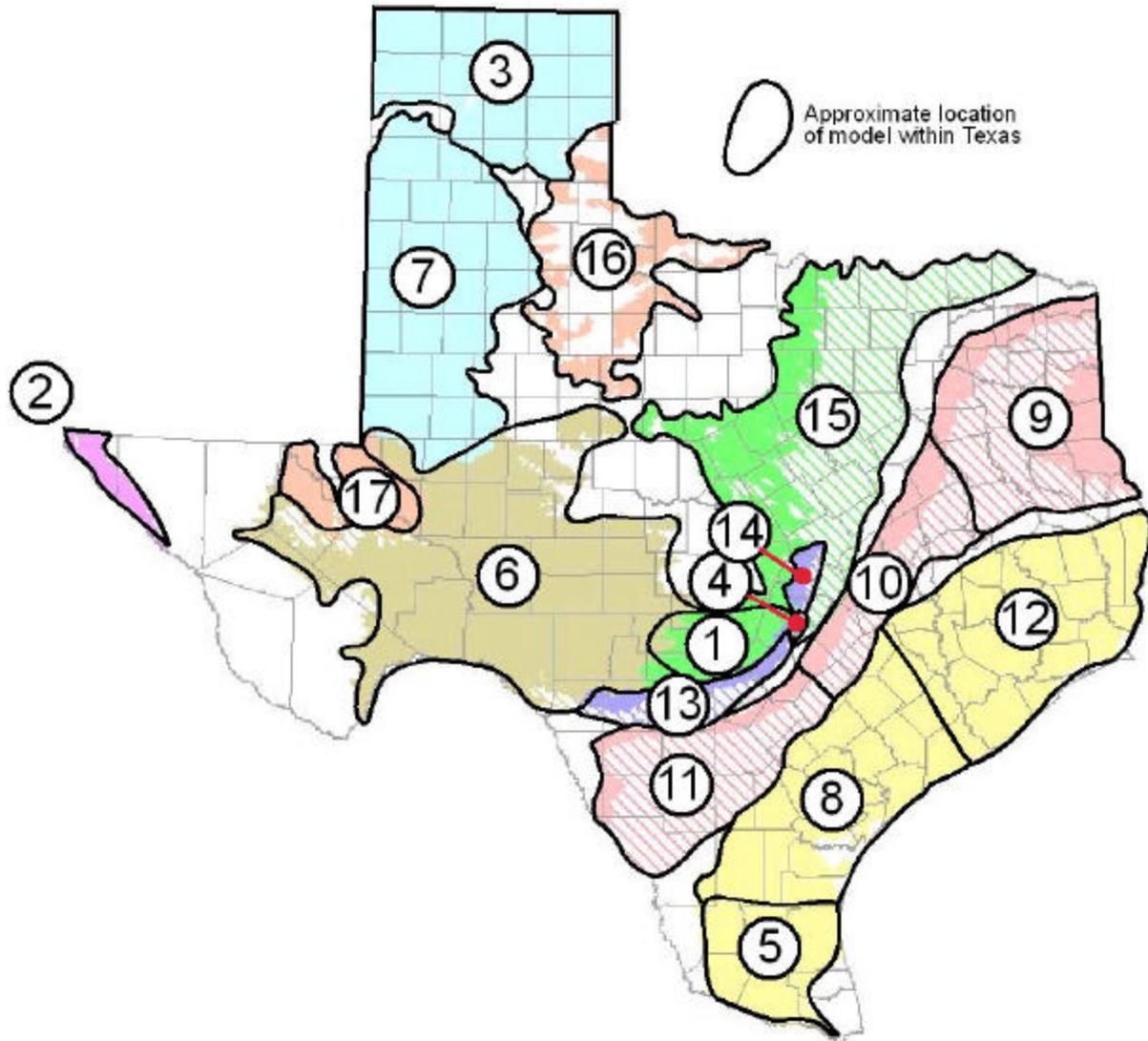




## Groundwater Modeling

- Includes everything we know about the aquifer
- a regional tool to help define groundwater availability
- evaluate water management strategies
- run “What ifs...”

# Location of Completed, Ongoing, and Proposed Models for GAM

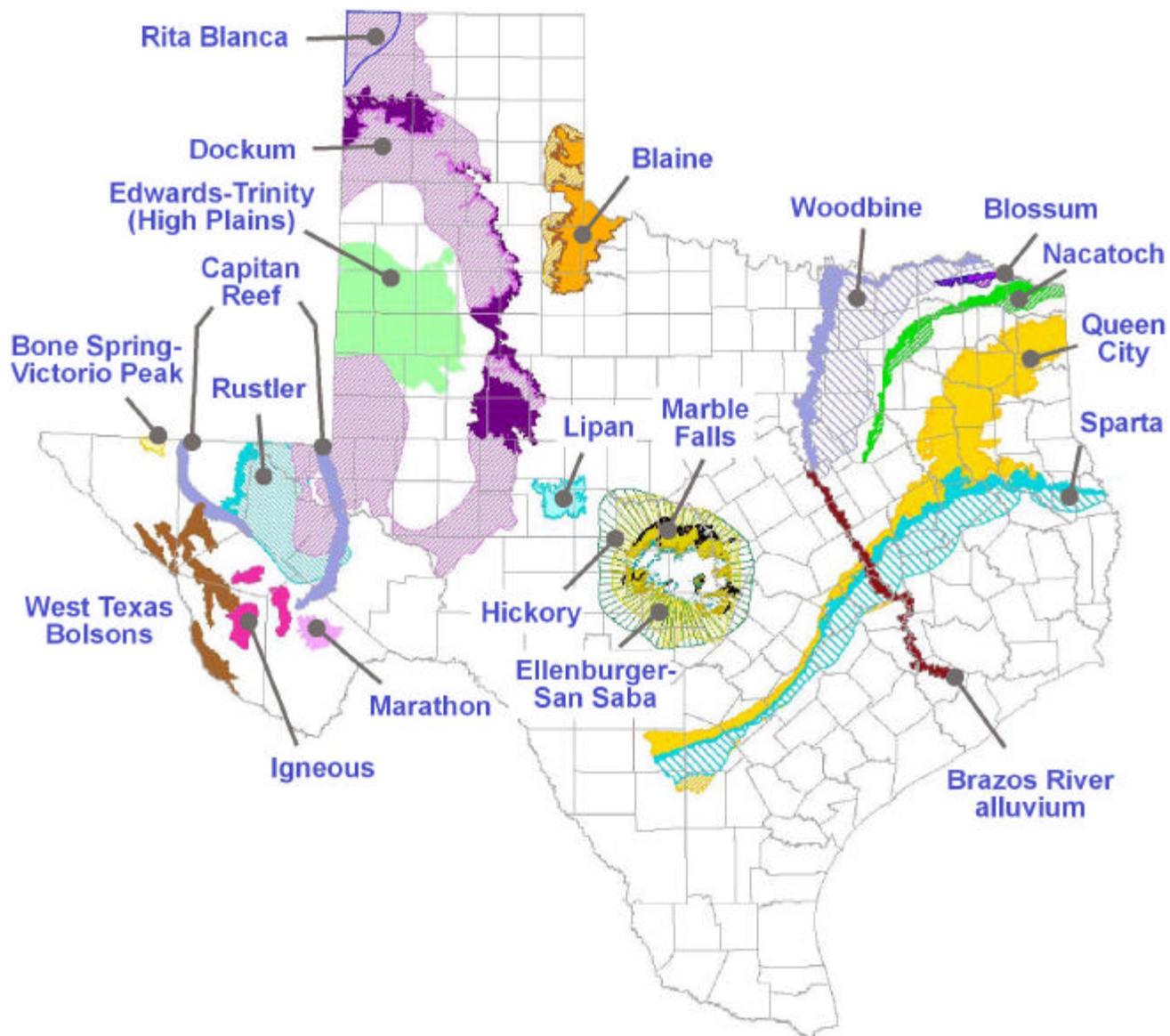


**c** = completed  
**o** = ongoing  
**p** = proposed

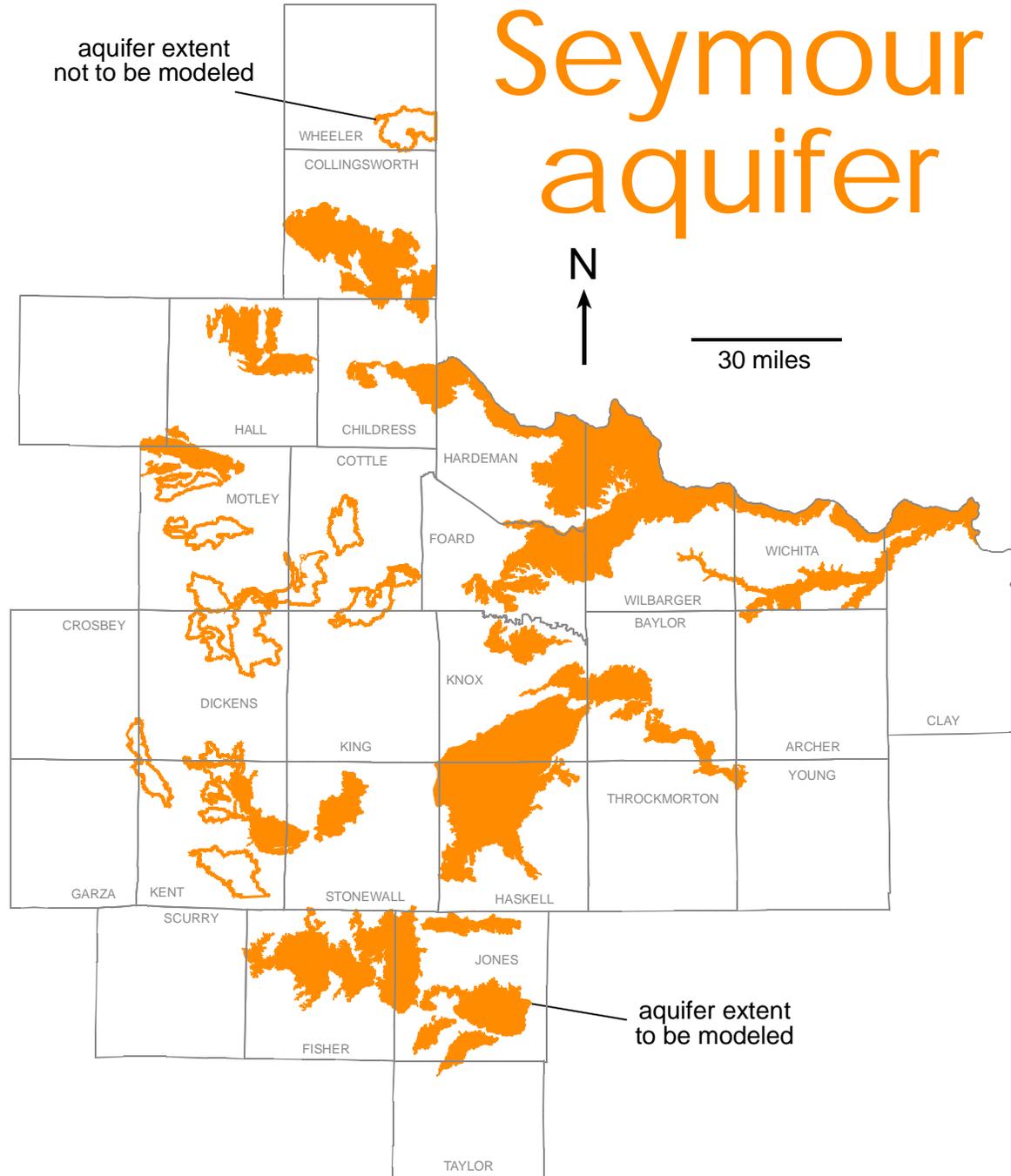
- ① Trinity (Hill Country) **c**
- ② Hueco Bolson **c**
- ③ Ogallala (northern part) **c**
- ④ Edwards (Barton Springs segment) **c**
- ⑤ Lower Rio Grande Valley **o**
- ⑥ Edwards-Trinity Plateau **o**
- ⑦ Ogallala (southern part) **o**
- ⑧ Gulf Coast (central part) **o**
- ⑨ Carrizo-Wilcox (northern part) **o**
- ⑩ Carrizo-Wilcox (central part) **o**
- ⑪ Carrizo-Wilcox (southern part) **o**
- ⑫ Gulf Coast (northern part) **o**
- ⑬ Edwards (San Antonio segment) **o**
- ⑭ Edwards (northern segment) **p**
- ⑮ Trinity (northern part) **p**
- ⑯ Seymour **p**
- ⑰ Pecos Alluvium **p**

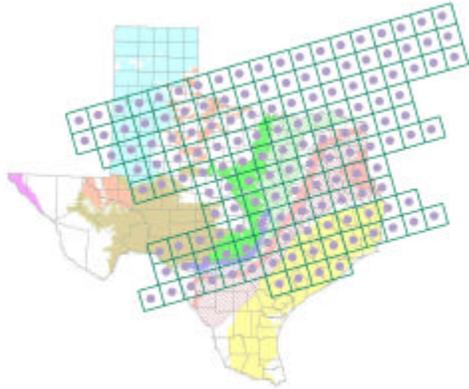
October 2000

# Location of the Minor Aquifers in Texas



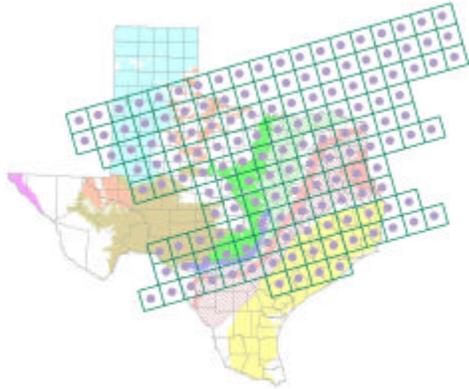
# Seymour aquifer





**We need your help!**

- we need:
  - your guidance on the important issues
  - your knowledge on the area
  - your review of the model as it is developed



## Stakeholder Advisory Forum (SAF)

- SAF will consist of knowledgeable and interested people
- will meet periodically

On February 20, 2002, the Texas Water Development Board held the first Stakeholders advisory meeting for the Seymour Aquifer Groundwater Availability Model at the Portwood Activity Center in Seymour Texas. The meeting focused on a basic discussion of GAM and requirements for the Seymour model.

Attendance list:

<u>Name</u>	<u>Affiliation</u>
Mike McGuire	RPGCD
Andrew Chastain-Howley	WPRC
Joe Shephard	City of Seymour
John W. Studer	“
Dan Craighead	“
James Colihs	C of C
Ridge Kaiser	RW Harden and Assoc.
Robin Smajstrla	Baylor Co.
Carl Paiti	City of Seymour
Nancy B. Markham	
Rick Gamico	City of Seymour
Robert Hyil	Citizen
Bobby Brock	Farmer
Annawyn Bandy	Tx. Coop. Est.
Jerry Pruitt	Baylor Co.
Glenn Ray Howell	Farmer
Greg Shumt	City of Seymour
Don Matis	Baylor Co.
Jackie Brown	Baylor Co.
Tommy Holub	Baylor Water Supply
Tom Coker	“
Eric Hostas	Baylor County
Linda Brock	Baylor County Taxpayers Director Assn.
Mark Dorsey	Texas Cooperative Extension
Elaine Simpson	City of Seymour, City Secretary

On February 20, 2002, the Texas Water Development Board held the first Stakeholders advisory meeting for the Seymour Aquifer Groundwater Availability Model at the Portwood Activity Center in Seymour Texas. The meeting focused on a basic discussion of GAM and requirements for the Seymour model. Some of the questions asked during the forum included:

<u>Question:</u>	<u>Response:</u>
Does the Blaine overlap the Seymour?	Yes, in eastern Haskell county
How extensively will recharge be studied in this model?	Recharge is a very important part to the input data in the model so it will be studied.
Will the model pinpoint recharge areas?	Yes.
Are you far enough along to tell where the recharge areas are?	No.
How does Satellite imagery fit in to this model?	Satellite imagery helps determine things like crop locations, crop types, when during the year they are planted, evapotrasportation and other factors.
How precise will the model be?	The model won't predict exactly what well yields will be or well to well simulations but it will be useful for regional planning or determining availability on county or GCD basis.
How will the model look at recharge and pumping?	We will be able to what availability is on a regional basis.
Is Lake Baylor recharging the Aquifer right now?	Only if it is in contact with the aquifer formations.
Will we model or show contamination?	No, but the reports will include information on WQ.
Will we study flow?	Yes.
"We have a lake near our house could it be a recharge feature."	Yes, It possibly could.
What does "periodically updated" ( in reference to the model) mean?	About every 5 years, to coincide with the RWPG cycle , the models will be revisited and updated as appropriate.
What will happen to any new data collected during the model?	Any model related data will be posted on the web and available for anyone to download.