

Ogallala Aquifer

S U M M I T

APRIL 9 - 10, 2018 | GARDEN CITY, KANSAS

Policy panel: What's working & new developments

Moderator: Susan Metzger

Kansas State University

Ogallala Aquifer

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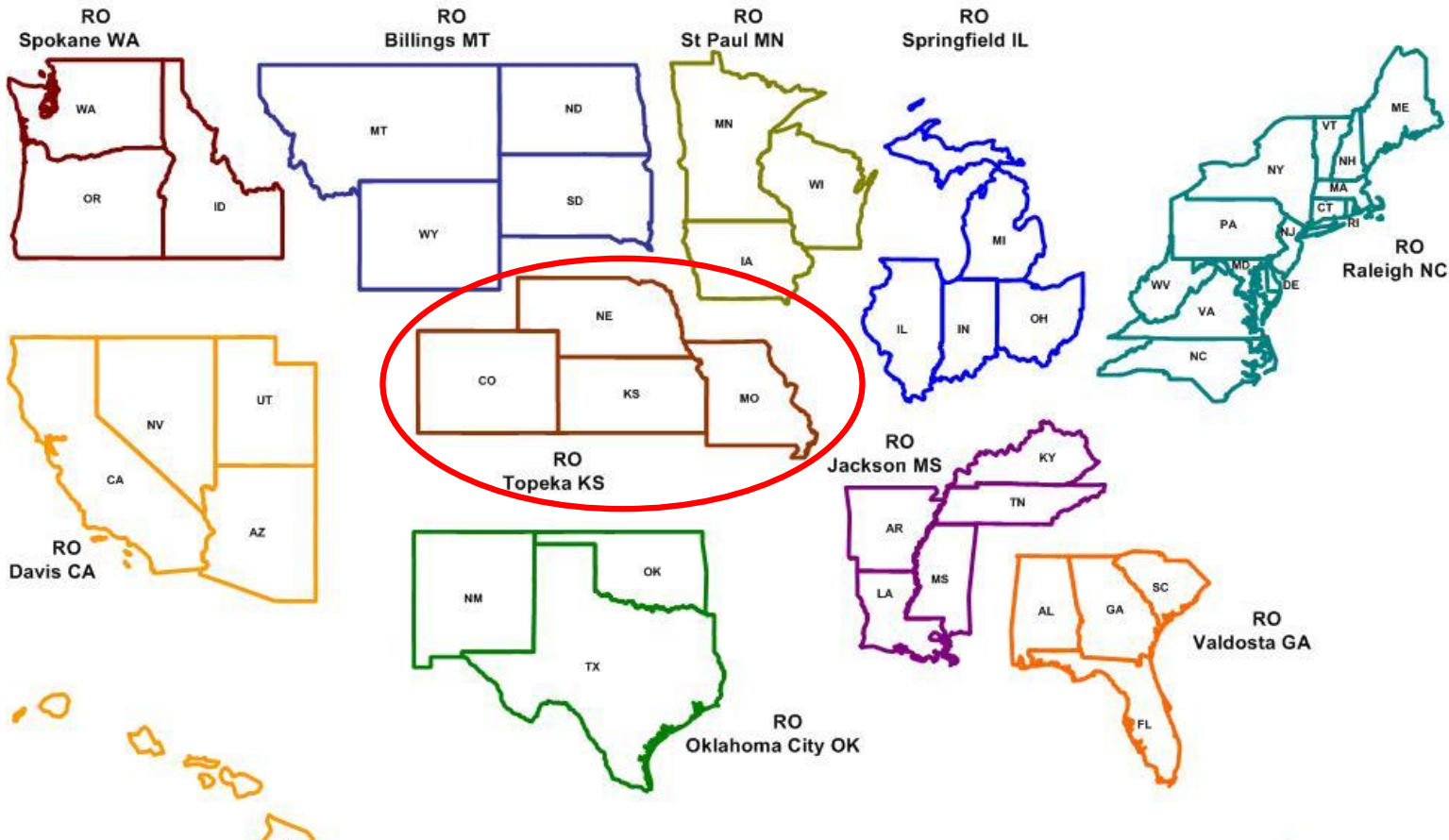
Rebecca Davis

Risk Management Agency

Topeka, Kansas

USDA Risk Management Agency

Topeka Regional Office (Rebecca Davis, Director)

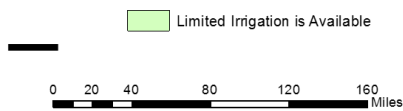
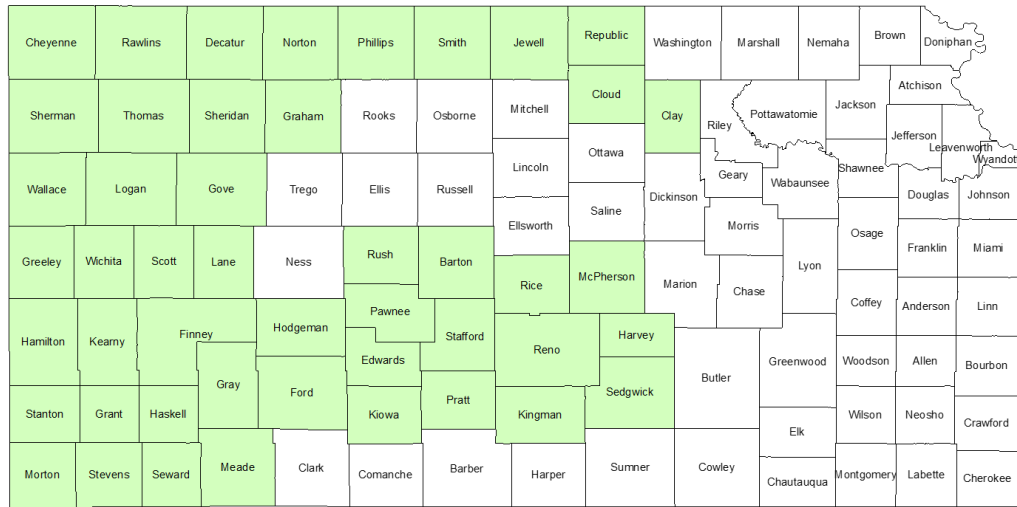


10 Regional Offices:

- Crop Insurance Program “fits” the county
- Delivered as intended
- Assess risk
- Handle exceptions



Limited Irrigation Counties - Corn



Source: Risk Management Agency
Map Created by: RMA, Topeka Regional Office, Topeka KS
Map Creation Date: December 13, 2017
Map Projection: Mercator

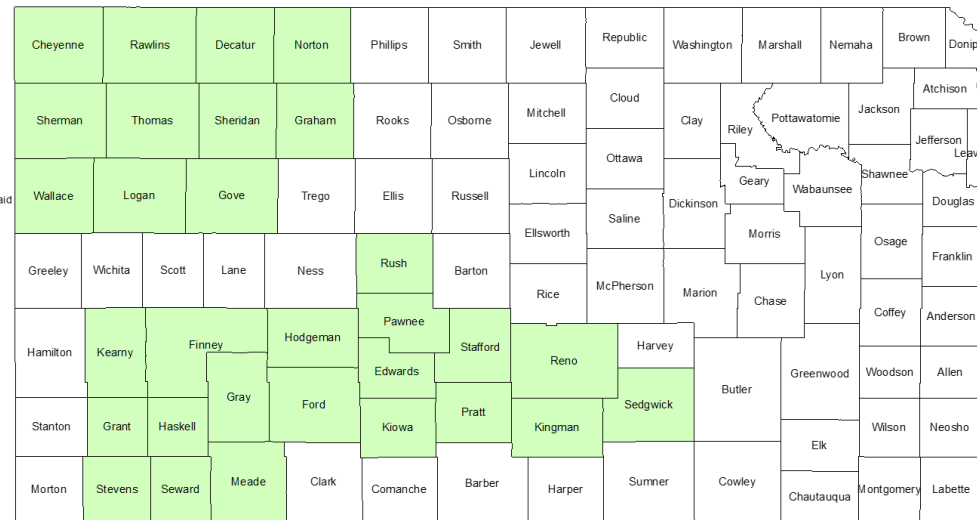
The information displayed in this map is intended to serve as an aid in displaying data provided or stored by the Risk Management Agency. It does not modify, replace, or supersede any USDA published policy provision or procedures.

Exception to Irrigated and Nonirrigated Practices in certain Kansas counties.

Limited Irrigation Practice by Written Agreement

Uses yield estimation models to adjust irrigated yields

Limited Irrigation Counties - Soybeans



Limited Irrigation – Yield Protection Comparison of Coverage

	<u>Irrigated Corn</u>	<u>Limited Irrigated Corn</u>	<u>Nonirrigated Corn</u>
APH yield bushels/acre	187	161	55
Coverage Level	<u>x .70</u>	<u>x .70</u>	<u>x .70</u>
Bushel Guarantee	131	113	39
Projected Price	x <u>\$3.96</u>	x <u>\$3.96</u>	x <u>\$3.96</u>
Insurance Guarantee	\$518.36	\$446.29	\$152.46
Premium Per Acre	\$27.96	\$25.36	\$29.61
Producer Paid Prem/Acre	\$11.46	\$10.40	\$12.14
Base Premium Rate	5.39%	5.68%	19.42%



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Syed Huq

Water Resources Director

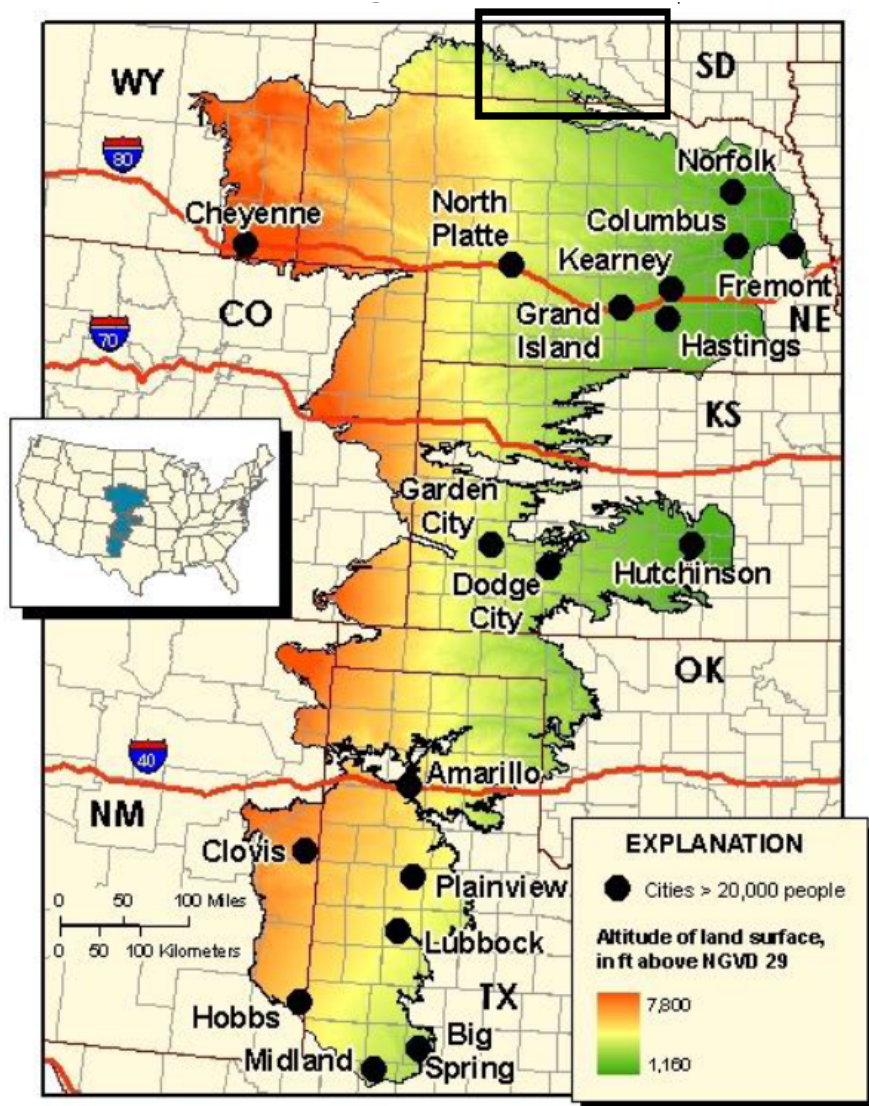
Rosebud Sioux Tribe

South Dakota

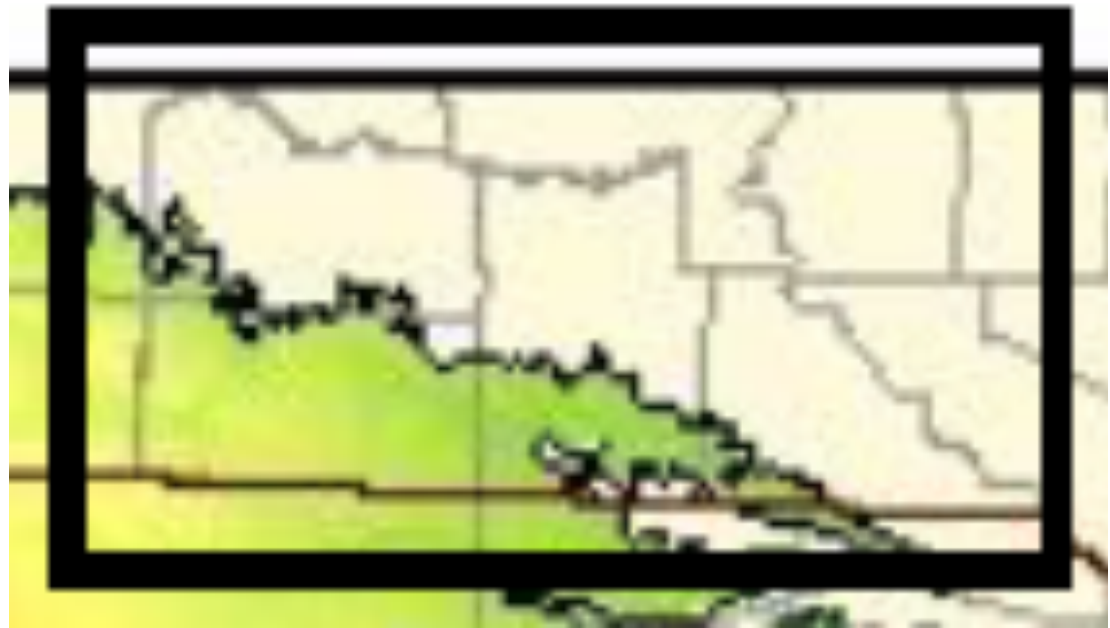
OGALLALA AQUIFER SUMMIT

POLICY PANEL:

**Syed Huq, Director
Office of Water Resources
Rosebud Sioux Tribe
Phone: (605) 747-2559
email: syed.huq@rst-nsn.gov**



Location of Ogallala Aquifer
Including on Rosebud Reservation,
South Dakota



Historic rosebud sioux indian reservation

Checkerboard Land Status



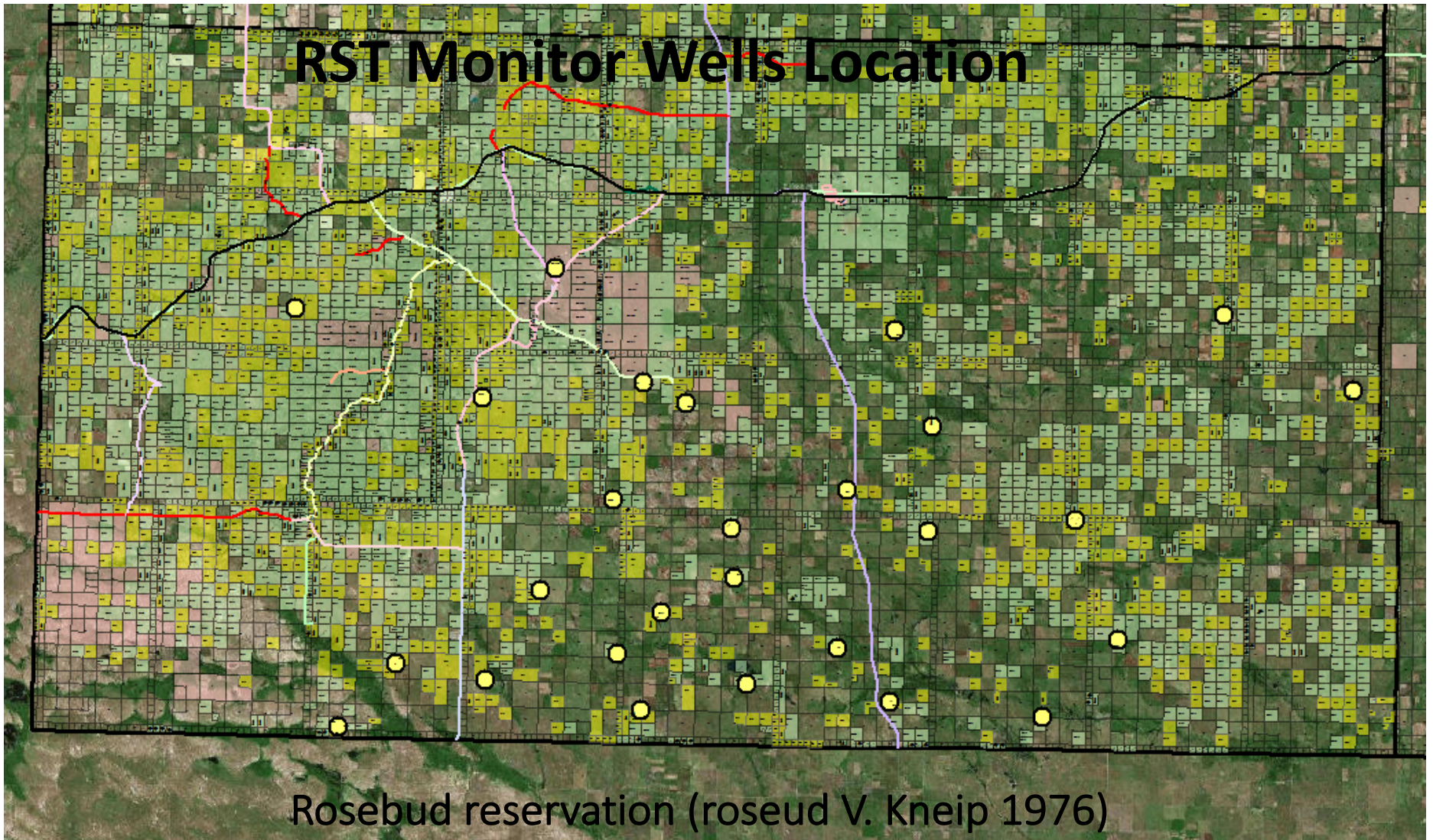
MELLETTTE

TRIPP

TODD

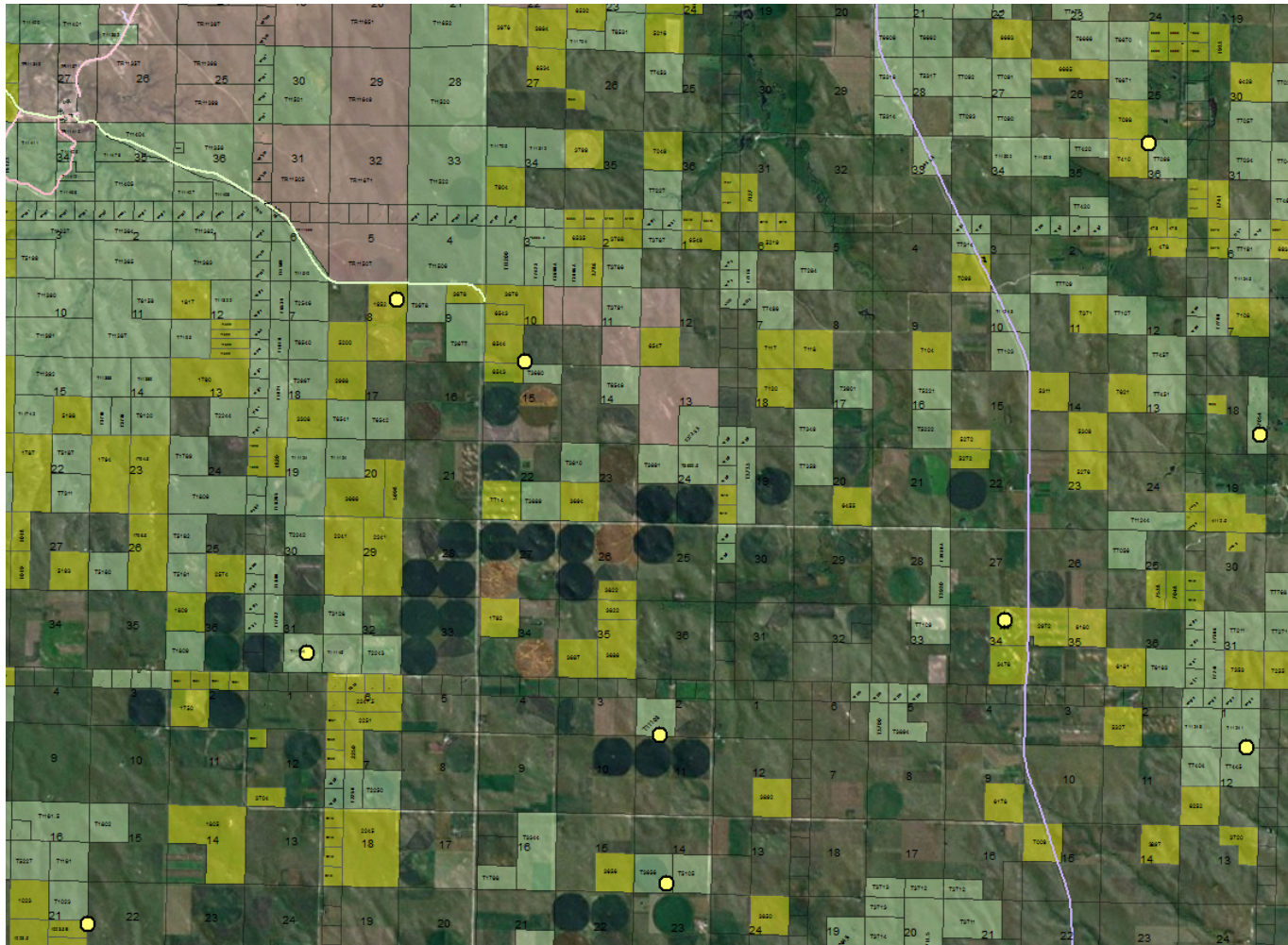
GREGORY

RST Monitor Wells Location

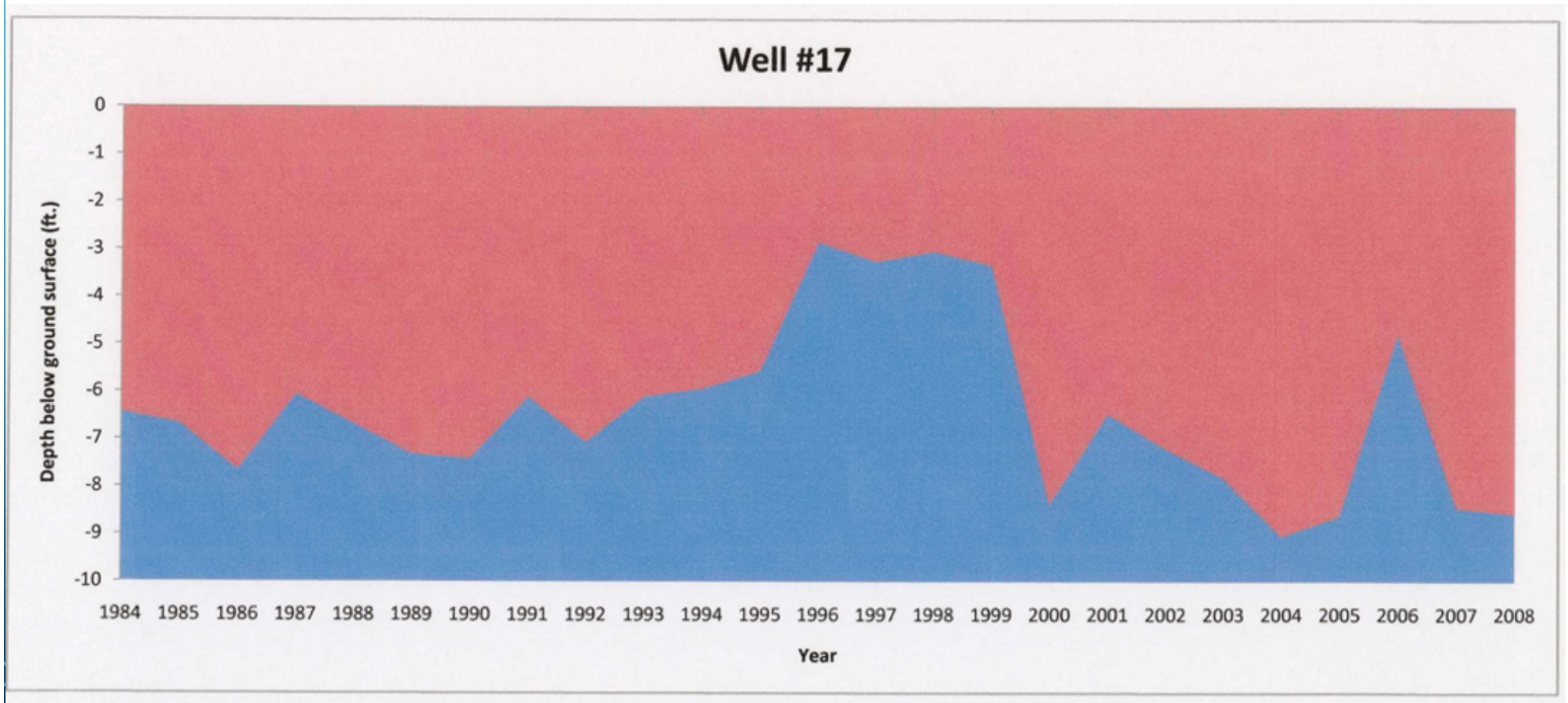


Rosebud reservation (roseud V. Kneip 1976)

Center Pivots Location on Rosebud Reservation

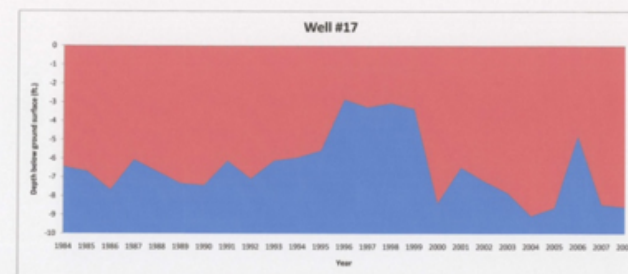
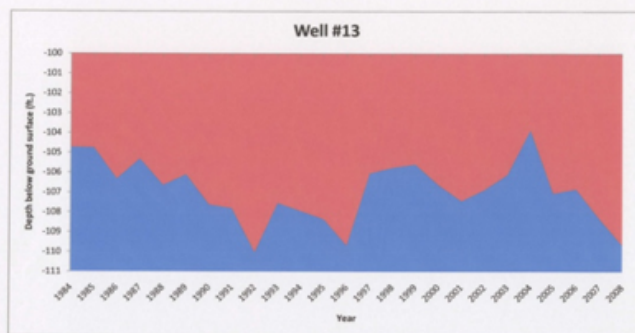
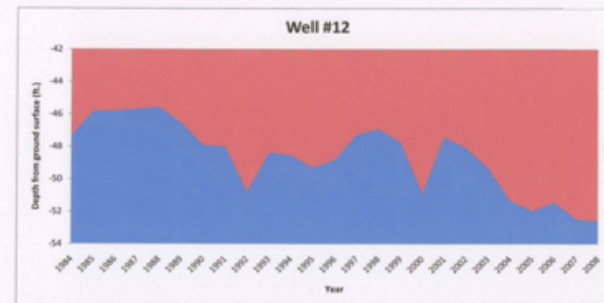
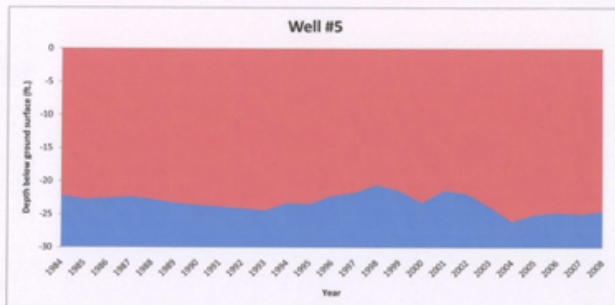


Water Table Fluctuation , Ogallala Aquifer

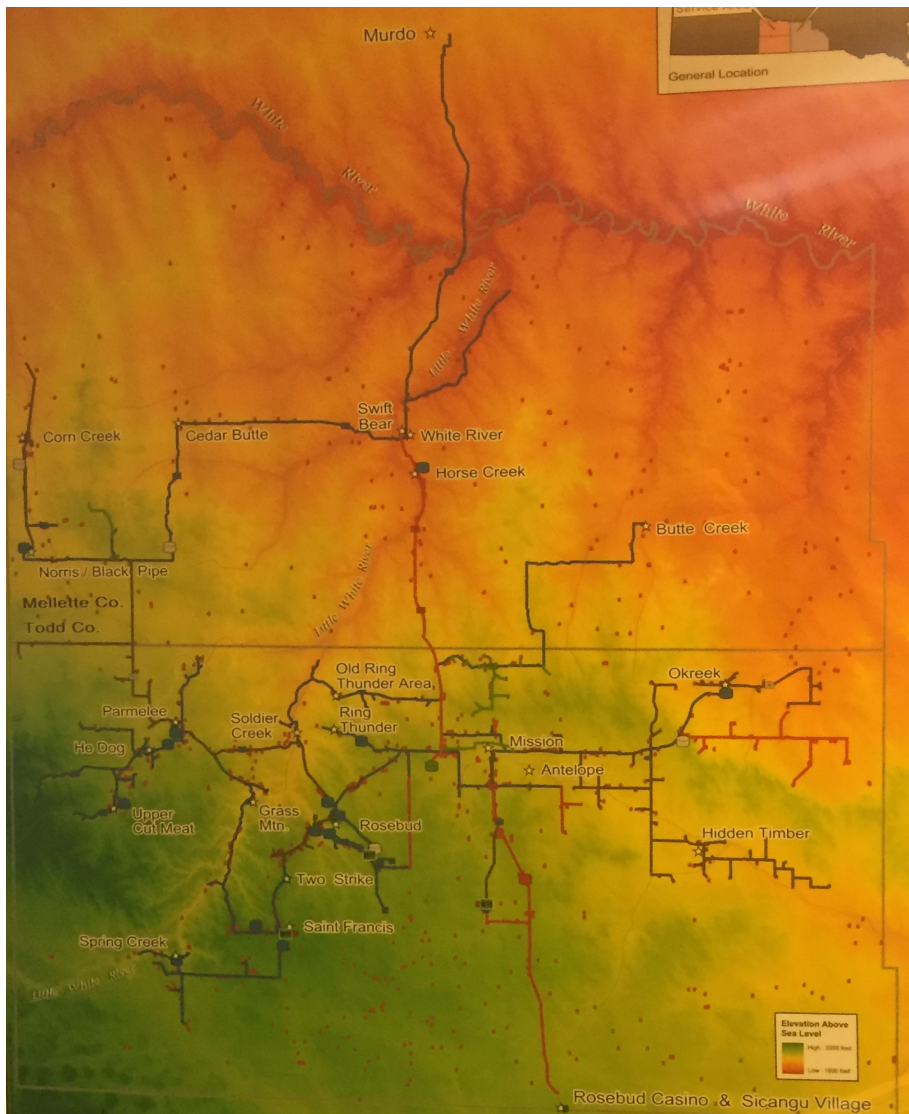


Water Table Fluctuation , Ogallala Aquifer

Rosebud Reservation, SD



SICANGU MINI WICONI WATER PROJECT/ ROSEBUD SIOUX RURAL WATER SYSTEM



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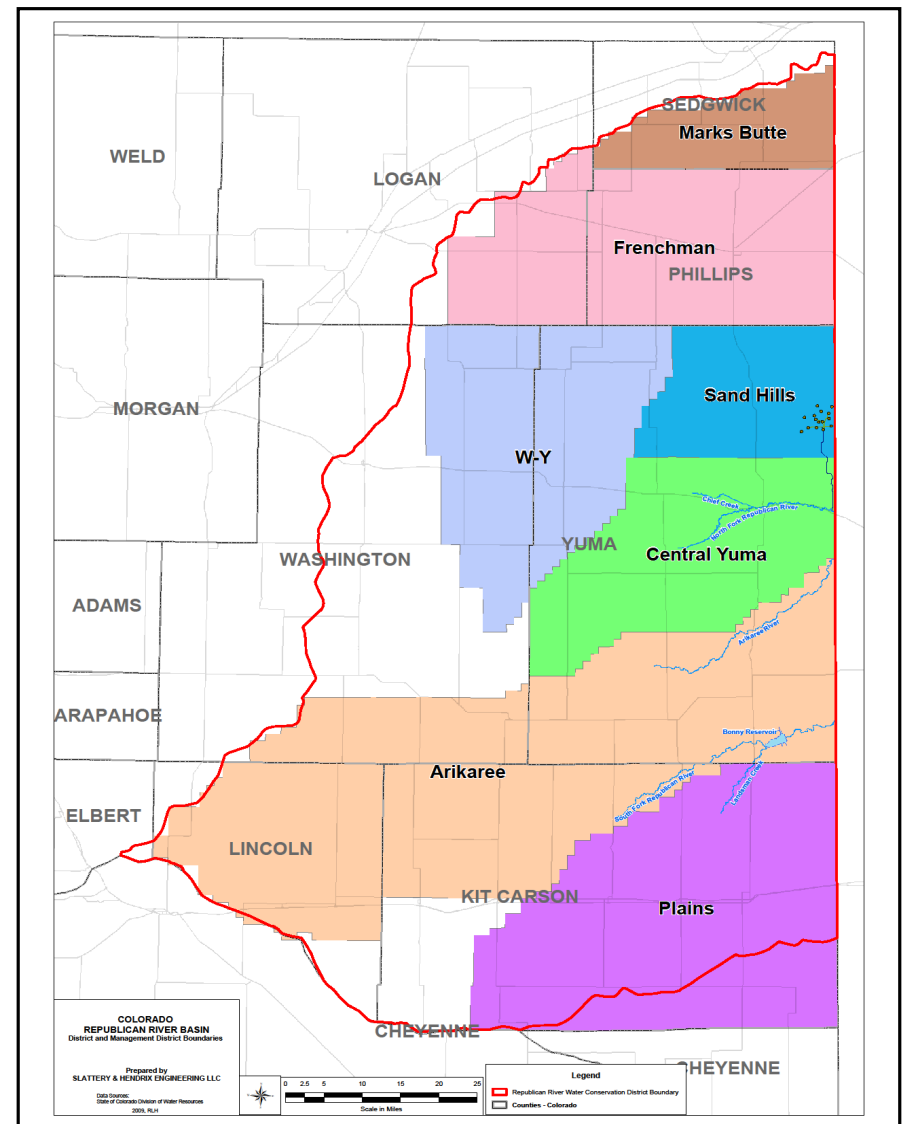
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Rod Lenz

Water Preservation Partnership
Republican River Water Conservation District
Colorado



**WATER PRESERVATION
PARTNERSHIP**
NORTHERN HIGH PLAINS OF COLORADO



Approach and attitude when speaking about policy

1. Keep decisions local
2. Constant education
3. Always look at the big picture
4. Stay flexible
5. Balance technology and restrictions
6. Blame does not forward agenda
7. Stay positive while defending actions

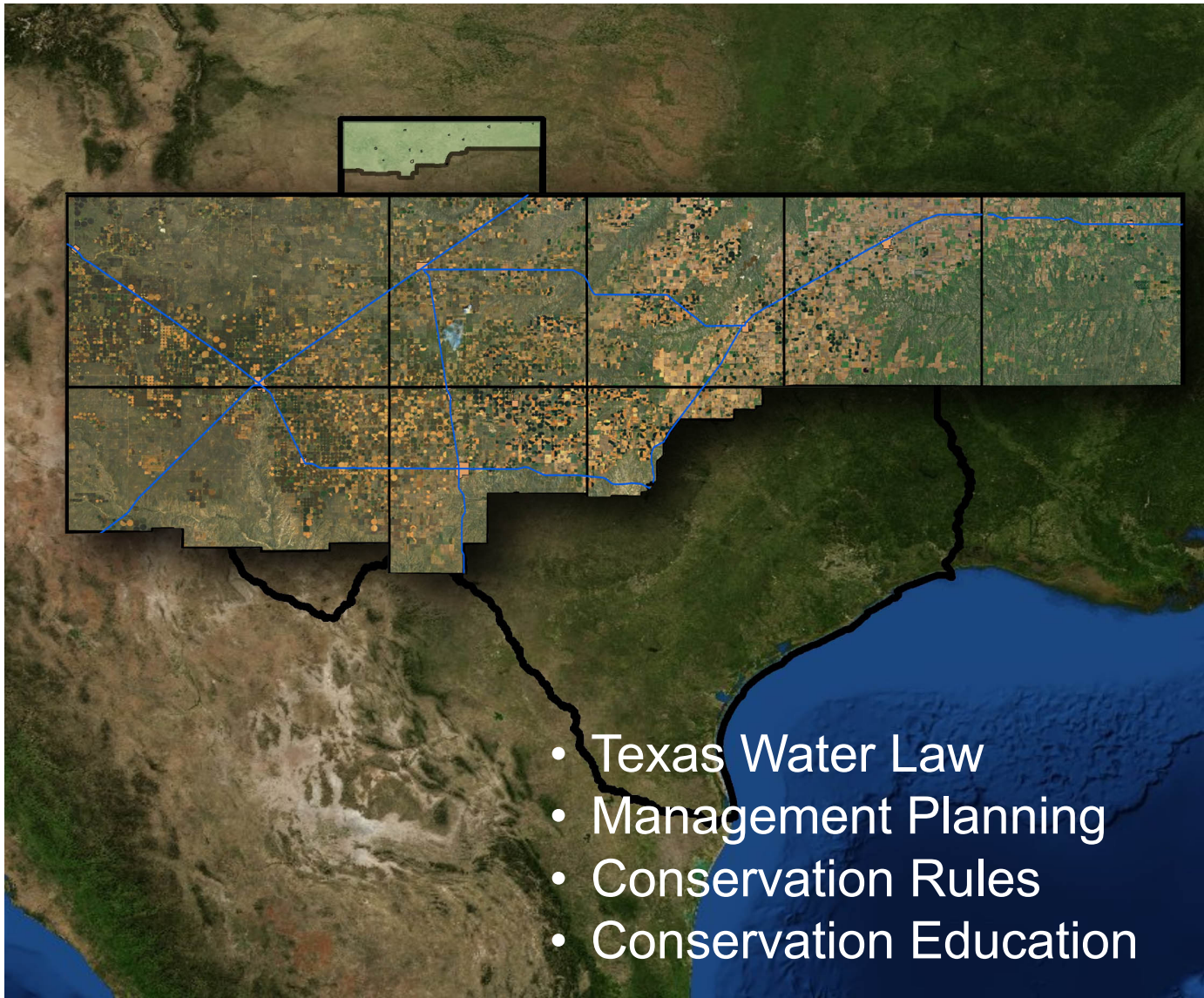
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Steven Walthour

*North Plains Groundwater Conservation District
Texas*



**NORTH PLAINS
GROUNDWATER**
Conservation District

Steve Walthour,
General Manager

swalthour@northplainsgcd.org

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