

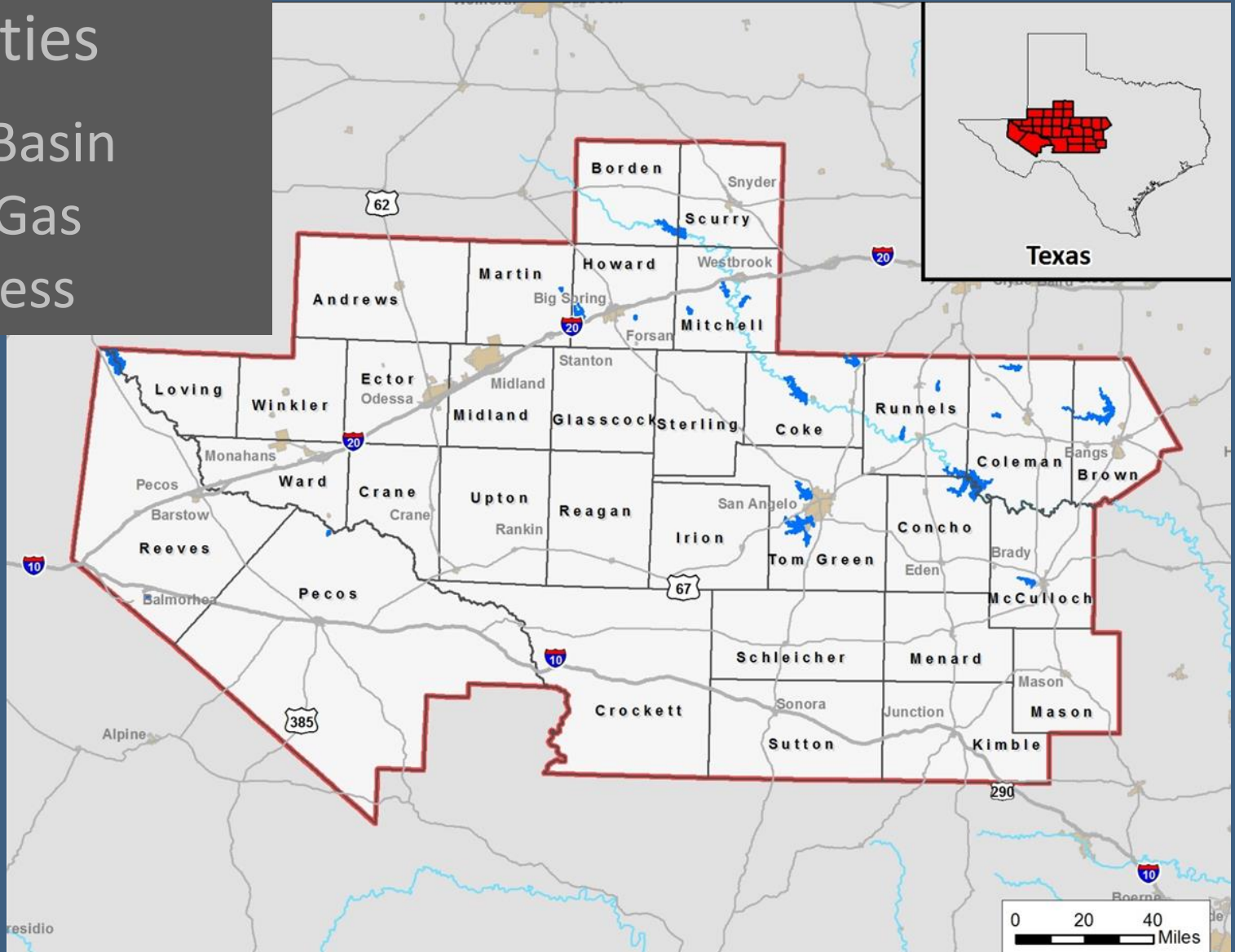
Region F Overview

32 Counties

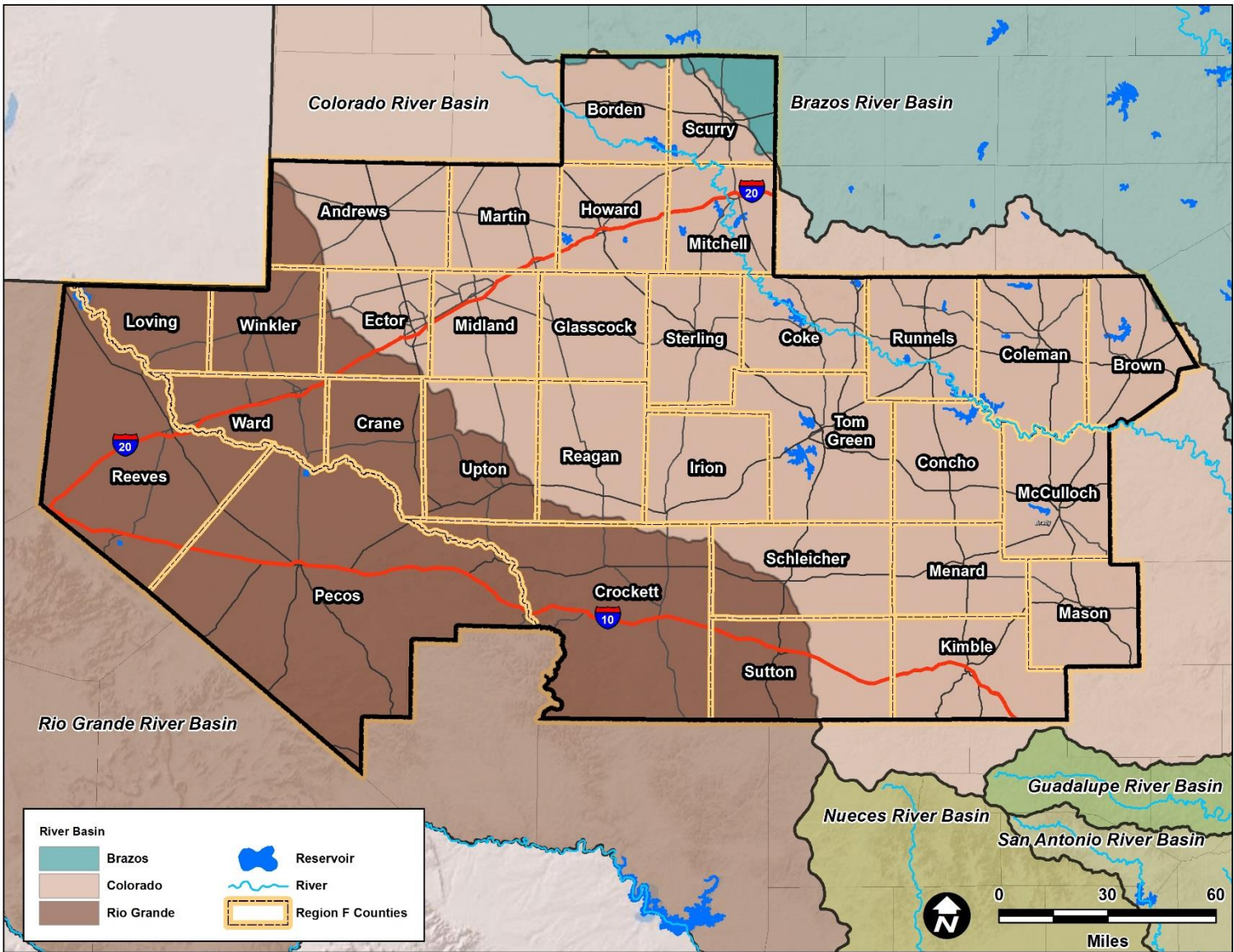
Permian Basin

-Oil & Gas

Agribusiness

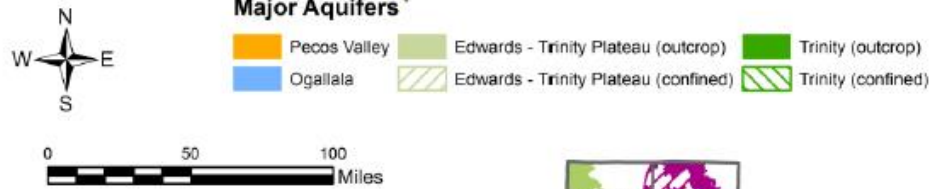


Surface Water

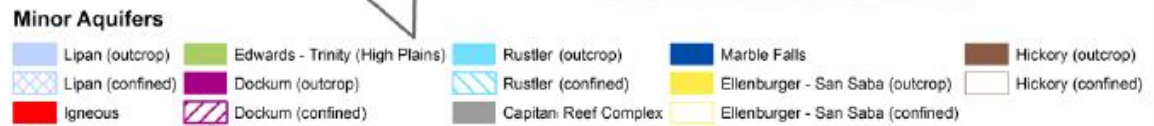
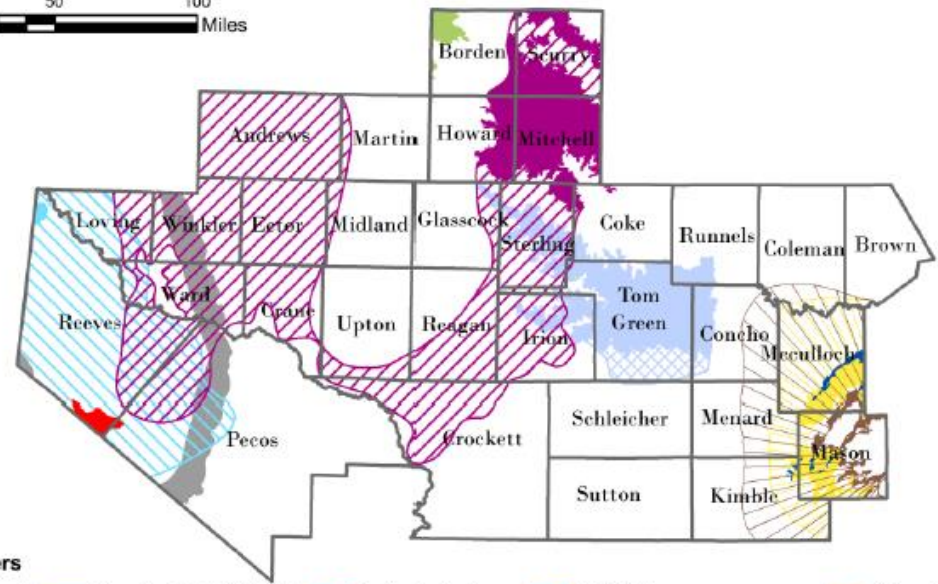


4 Major Aquifers

Edwards-Trinity Plateau
Ogallala
Pecos Valley
Trinity



9 Minor Aquifers



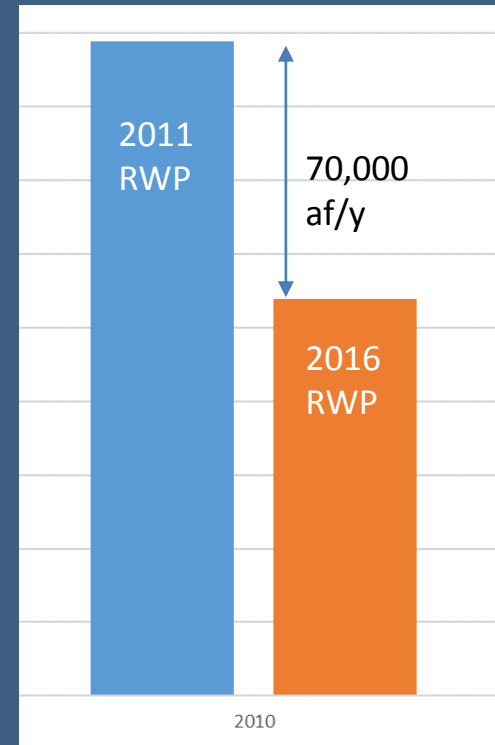
Driving Issues – Region F

- Drought
 - Impacts to surface water supplies/ demands
 - Drought of record is on-going
- Surface Water Law
 - Strict priority analysis affects supplies
 - Subordination Strategy
- Water Quality
 - Brackish (both surface and groundwater)
 - Other (radionuclides, arsenic)



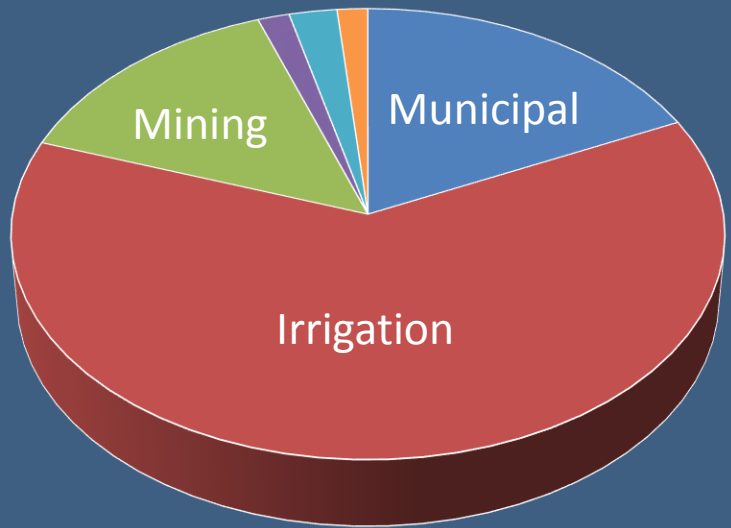
Driving Issues

- Drought: Decreased supplies by 40%
- Surface Water Law (Colorado Basin):
 - Priority analysis: Brownwood and Ivie have supplies (total = 55,000 af/y)
 - Subordination: all reservoirs have supply (total = 105,000 af/y)
- Water Quality:
 - Limits uses
 - Requires expensive treatment



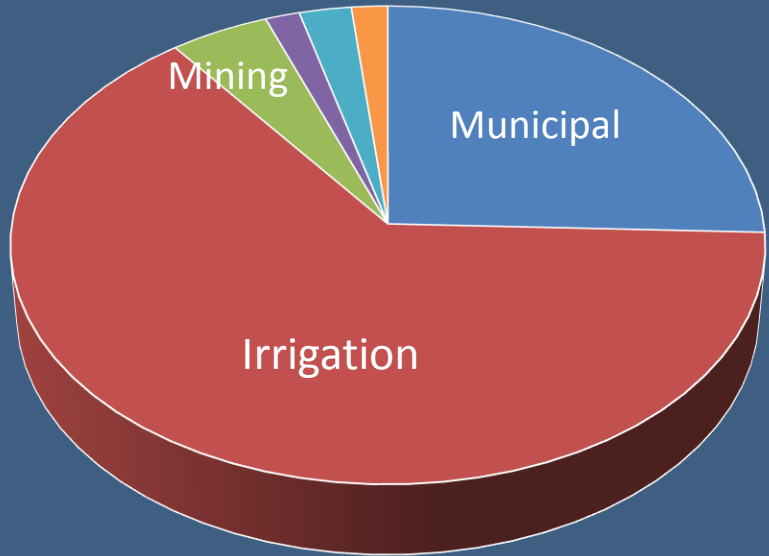
Demands

2020 Demands



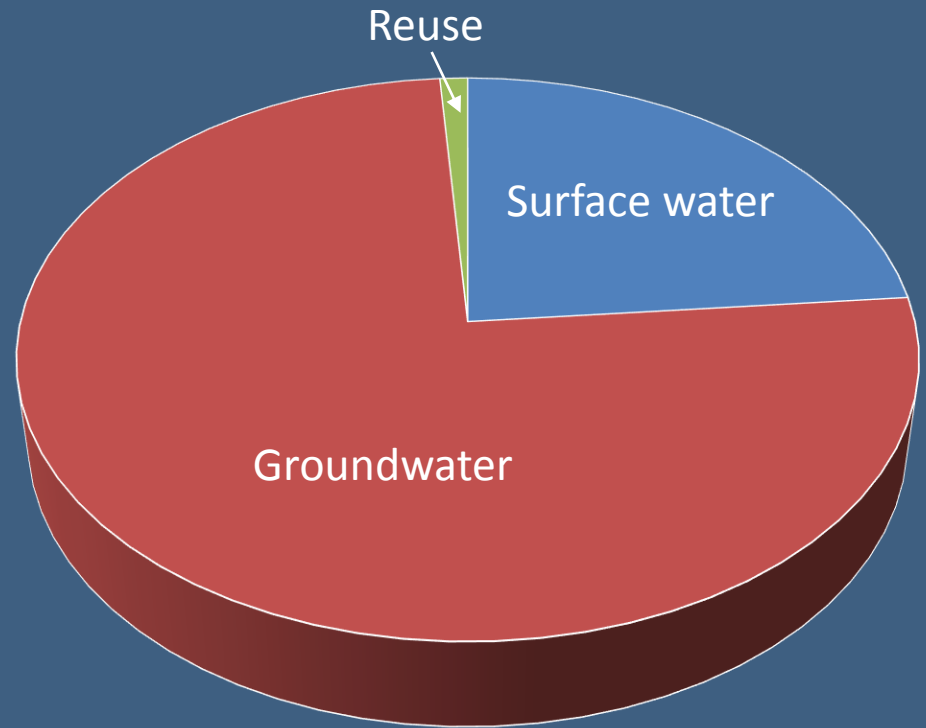
Total demands remain similar over 50 years

2070 Demands



Existing Supplies

- Groundwater accounts for 75% of current supplies in Region F
 - Agricultural use
- Surface water has historically been used for municipal and Industrial supplies



Future Supplies

- Groundwater
- Reuse
- Conservation
- Surface water/
Groundwater
System
 - Conjunctive Use
 - ASR
 - Treatment
 - Sales

