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TexMesonet - Project Lead
Texas Water Development Board*

* Unless specifically noted, this presentation does not necessarily reflect official Board positions or decisions.
TexMesonet was envisioned as a direct response to the 2015/16 Memorial Day Floods.

TexMesonet goal is to help mitigate the impacts of floods and extreme weather events.

TexMesonet objectives are to:
- Complete the water cycle to include surface, groundwater & atmospheric monitoring
- Develop a statewide monitoring network
- Integrate existing networks into the statewide network (i.e., network-of-networks)
La Escalera site - Pecos County

**Primary Site**
- 30 ft tower
- 40’ x 40’ enclosure
- 4’H x 16’W hog panels as needed

**Equipment**
- 2m windspeed & direction
- 2m temperature & relative humidity
- Precipitation
- Soil moisture & temperature
- 10 meter windspeed & direction
- 9 meter temperature
- Barometric pressure
- Solar radiation

Secondary Site
- 10 ft tower
- 24’ x 24’ enclosure
- 4’H x 16’W hog panels as needed

**Equipment**
- 2m windspeed & direction
- 2m temperature & relative humidity
- Precipitation
- Soil moisture & temperature

Edwards Station – Pecos County
Status

- 36 sites
- 3 full time field staff
- 2 part-time IT staff
- 2 person installation

TexMesonet
State Coverage ~30%

TWDB & WTEXAS Mesonet
State Coverage ~48%
Temporary TexMesonet field staff assisting with site installation

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