

Appendix A

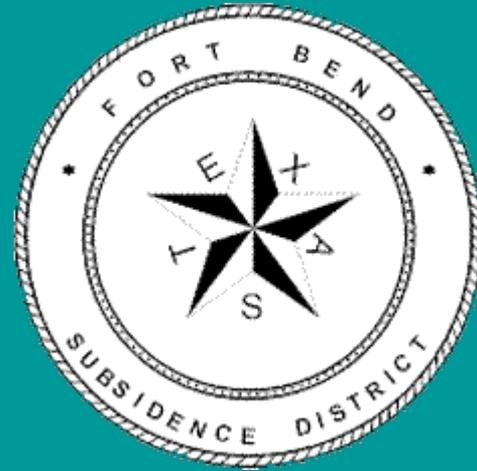
Thank you for attending the Public Hearing for the 2019 Annual Groundwater Report

- Please mute your audio to limit background noise.
- When choosing Audio, please choose either to connect through the internet or by calling the 1-800 phone number – do not do both.
- If you are on the WebEX, video is optional.
- The meeting is being recorded including all chat between participants.
- For any problems, please chat with the host FBSD Meetings.

Fort Bend Subsidence District



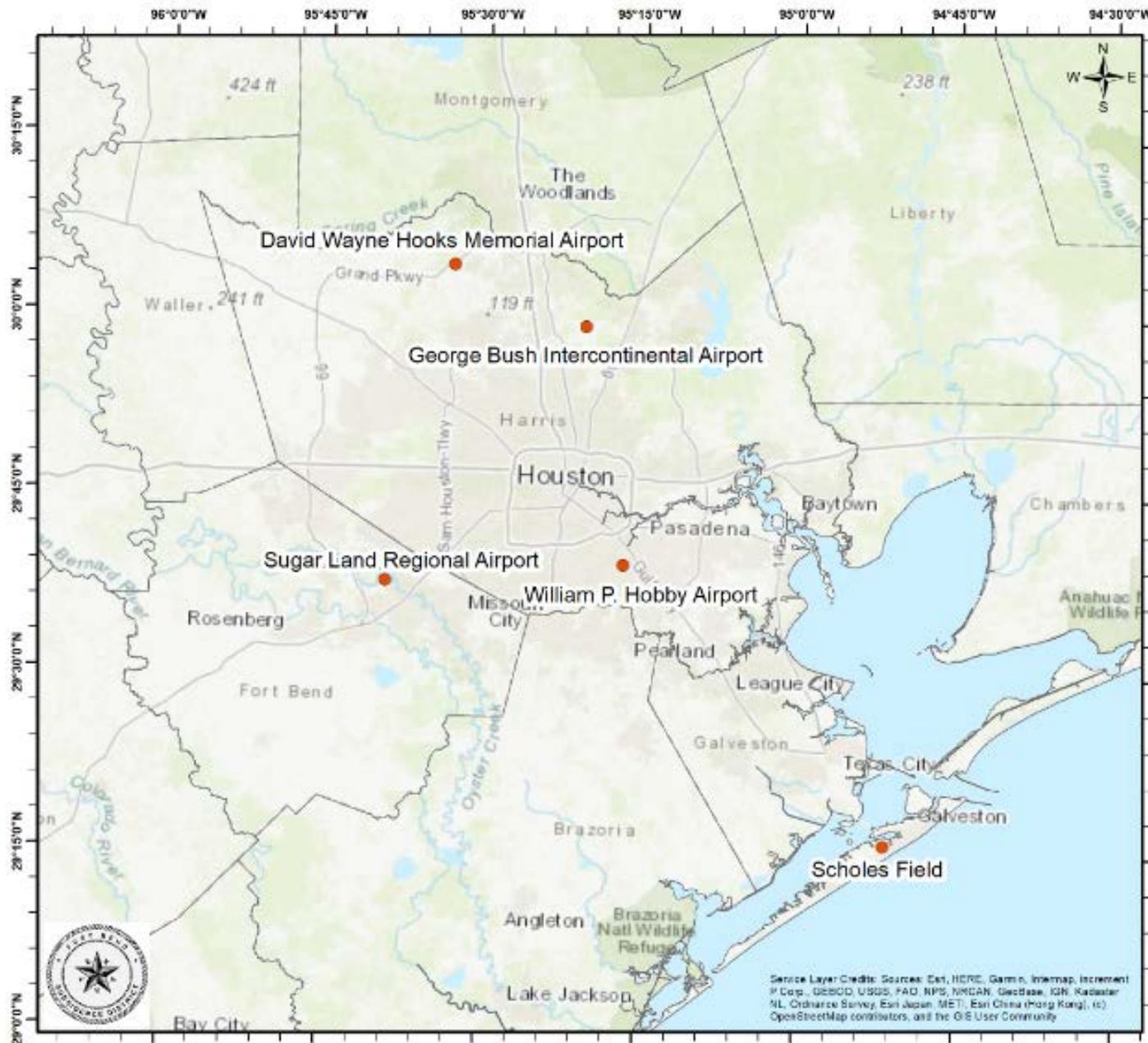
2019 Annual Groundwater Report



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A photograph of an irrigation system in operation on a green field. Multiple sprinklers are visible, spraying water in arcs. The background consists of dense green trees. The text is overlaid on the center of the image.

Weather
Pumpage
Water Levels
Subsidence



EXPLANATION

FBSD Exhibit 1

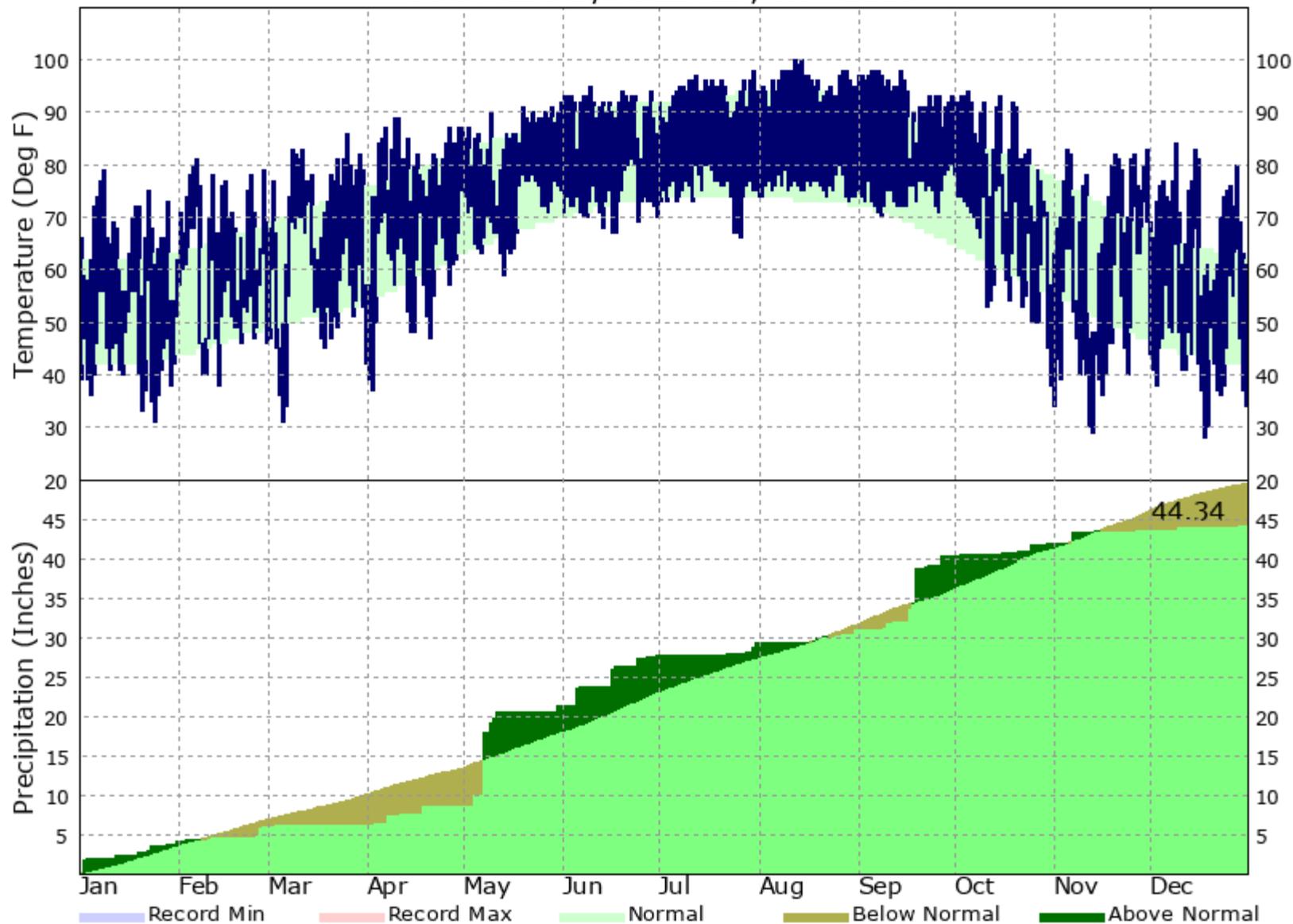
● Weather Service Climate Stations

0 5 10 20 30 Miles

0 15 30 60 Kilometers

Service Layer Credits: Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, Geobase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), Swisstopo, Mapbox Contributors, Swisstopo, and the GIS User Community

SUGARLAND/HULL FLD, TX - 2019

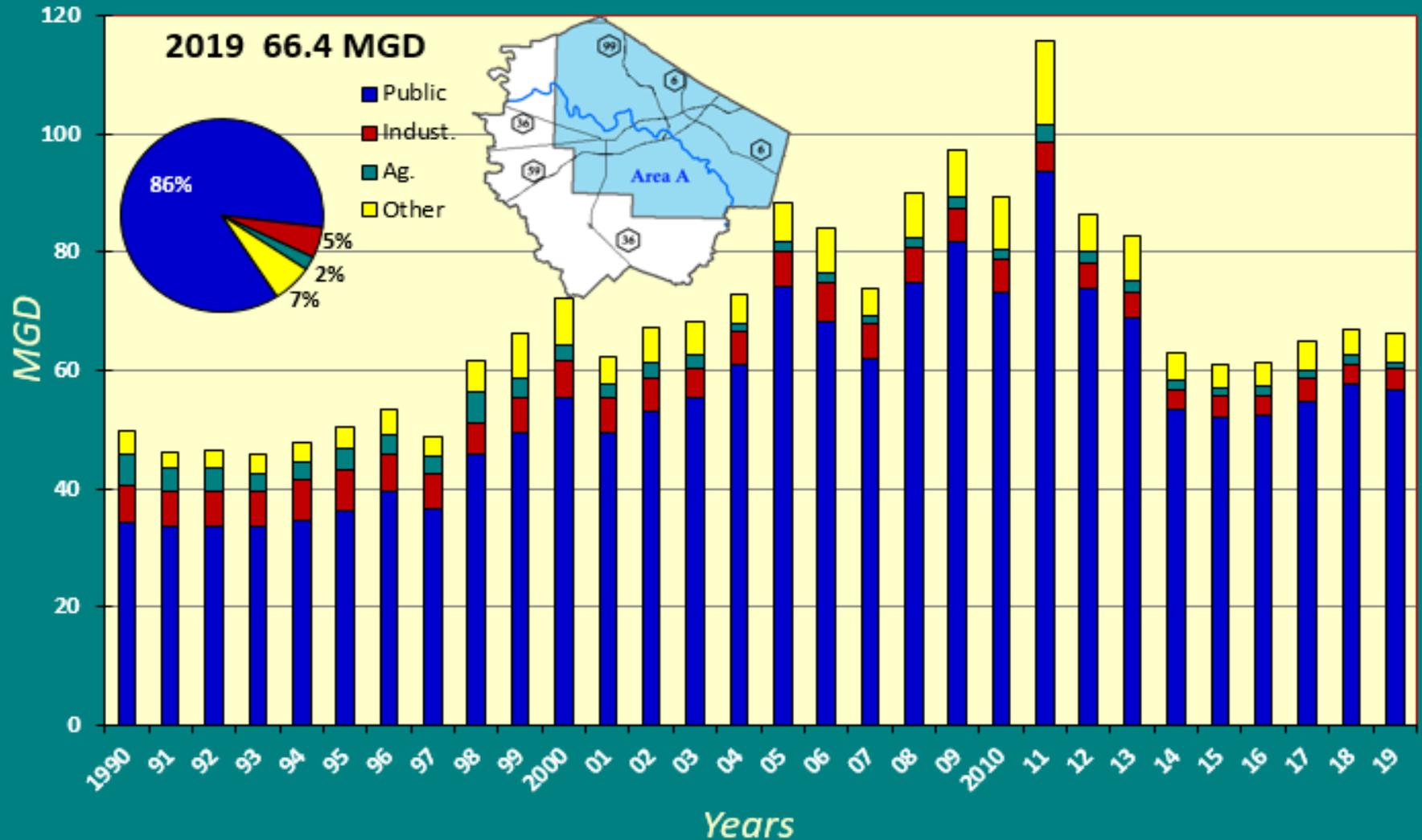


A photograph of a large-scale irrigation system in operation on a lush green field. Multiple nozzles are spraying water in wide arcs across the landscape. The background is filled with dense green trees. The entire image is framed by a solid teal border.

Weather
Pumpage
Water Levels
Subsidence

Groundwater Withdrawals

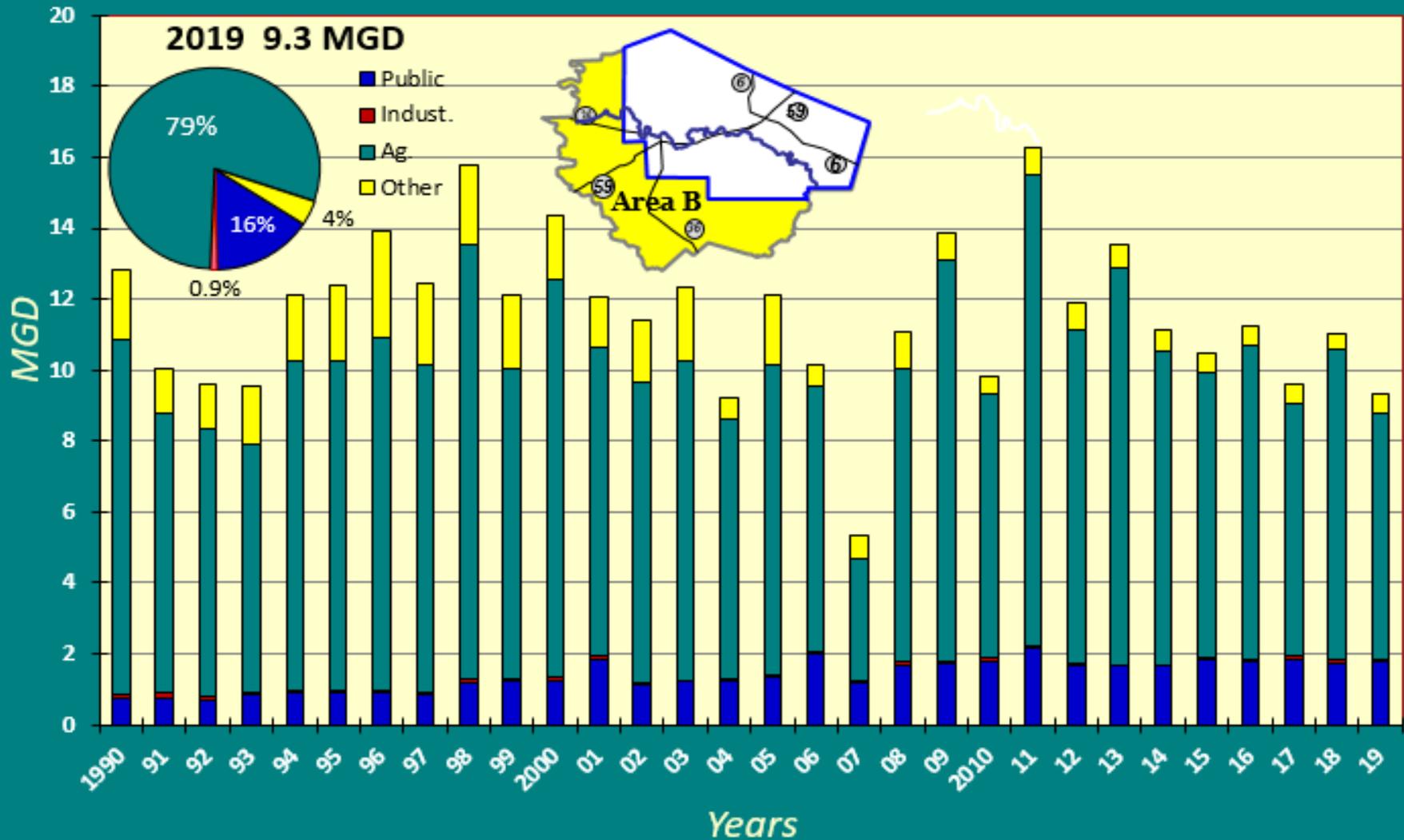
Grouped by Use - Regulatory Area A





Groundwater Withdrawals

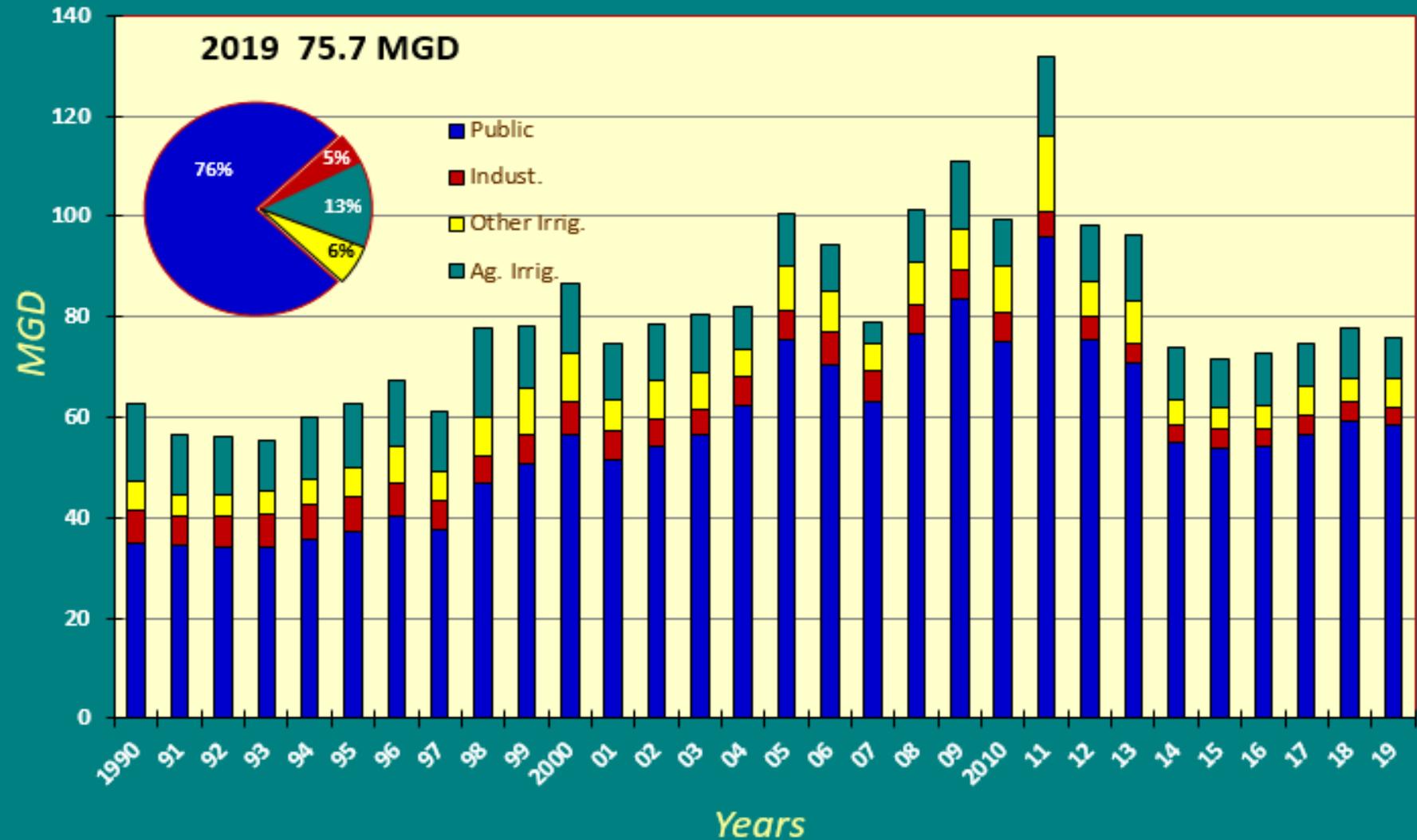
Grouped by Use - Regulatory Area B





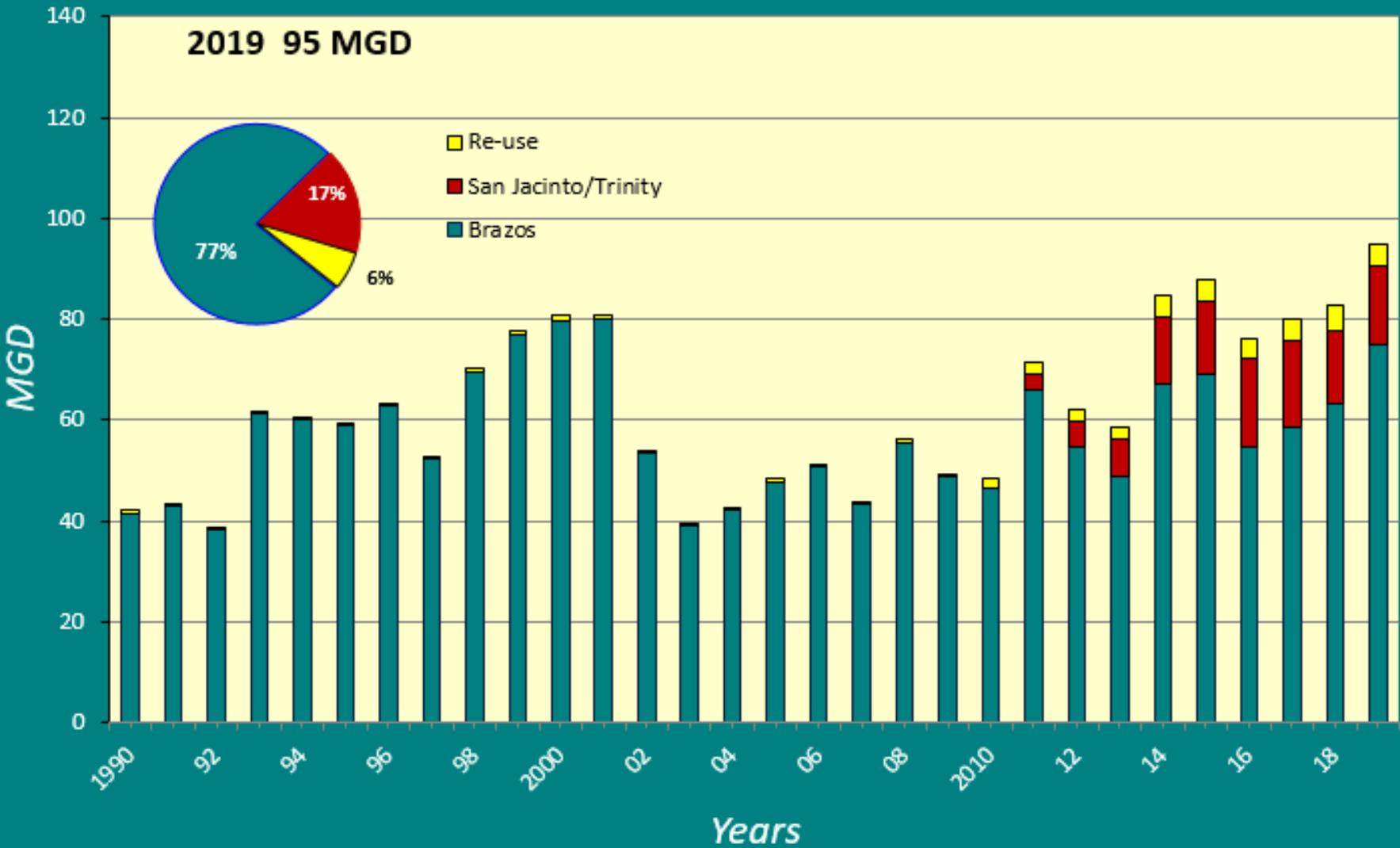
Groundwater Withdrawals

Grouped By Use - Entire District



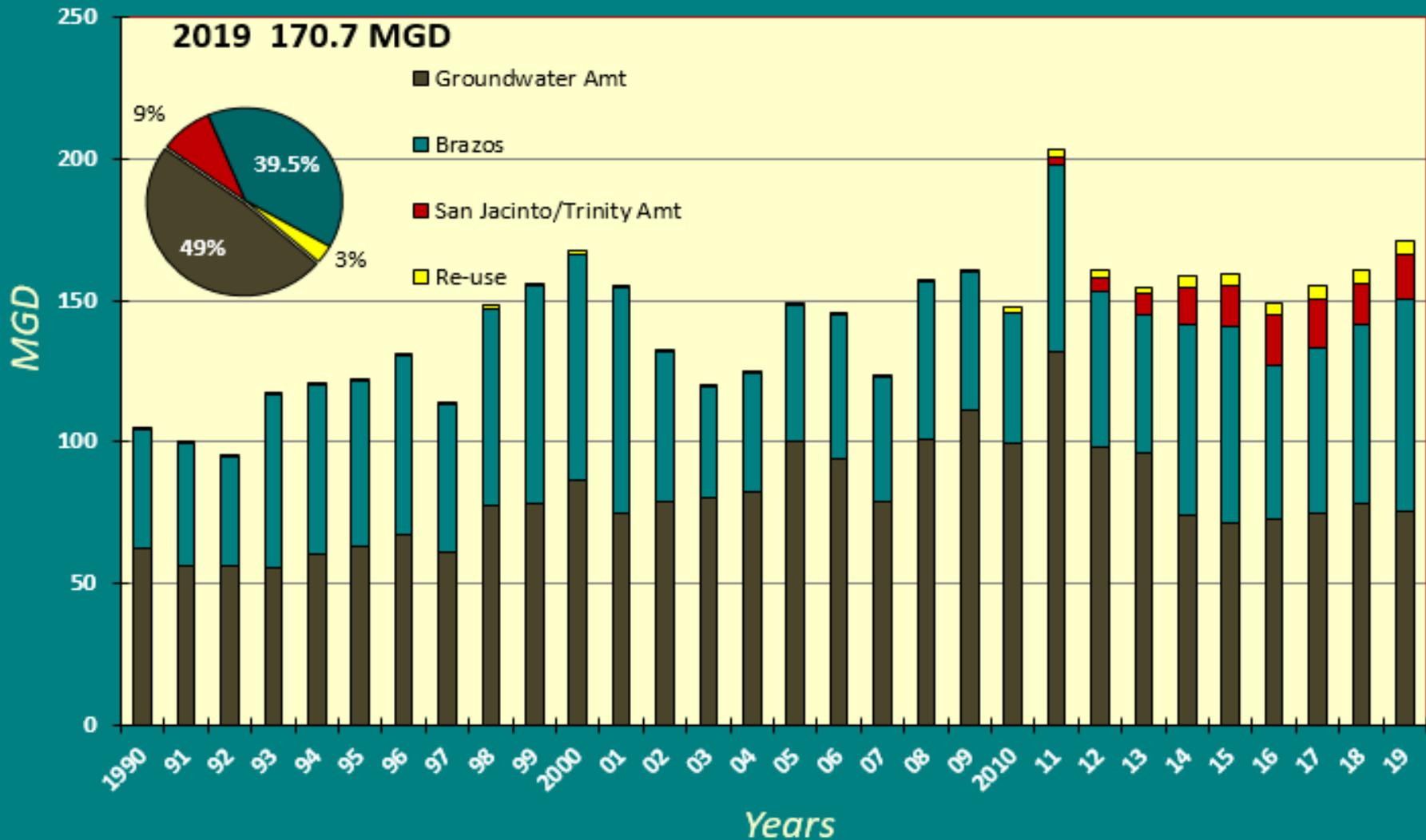
Surface & Re-Use Water Utilized

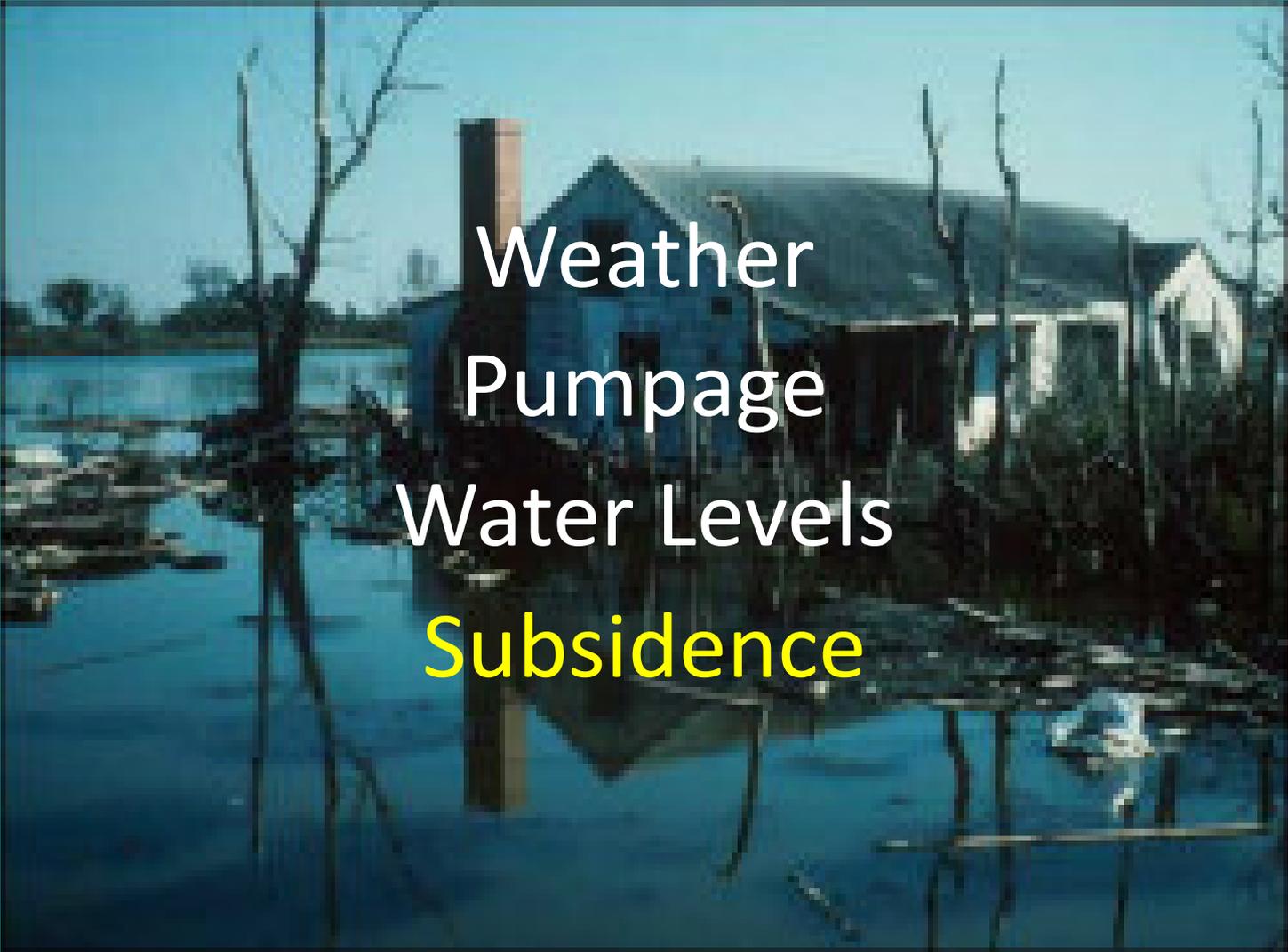
Grouped By Source - Entire District



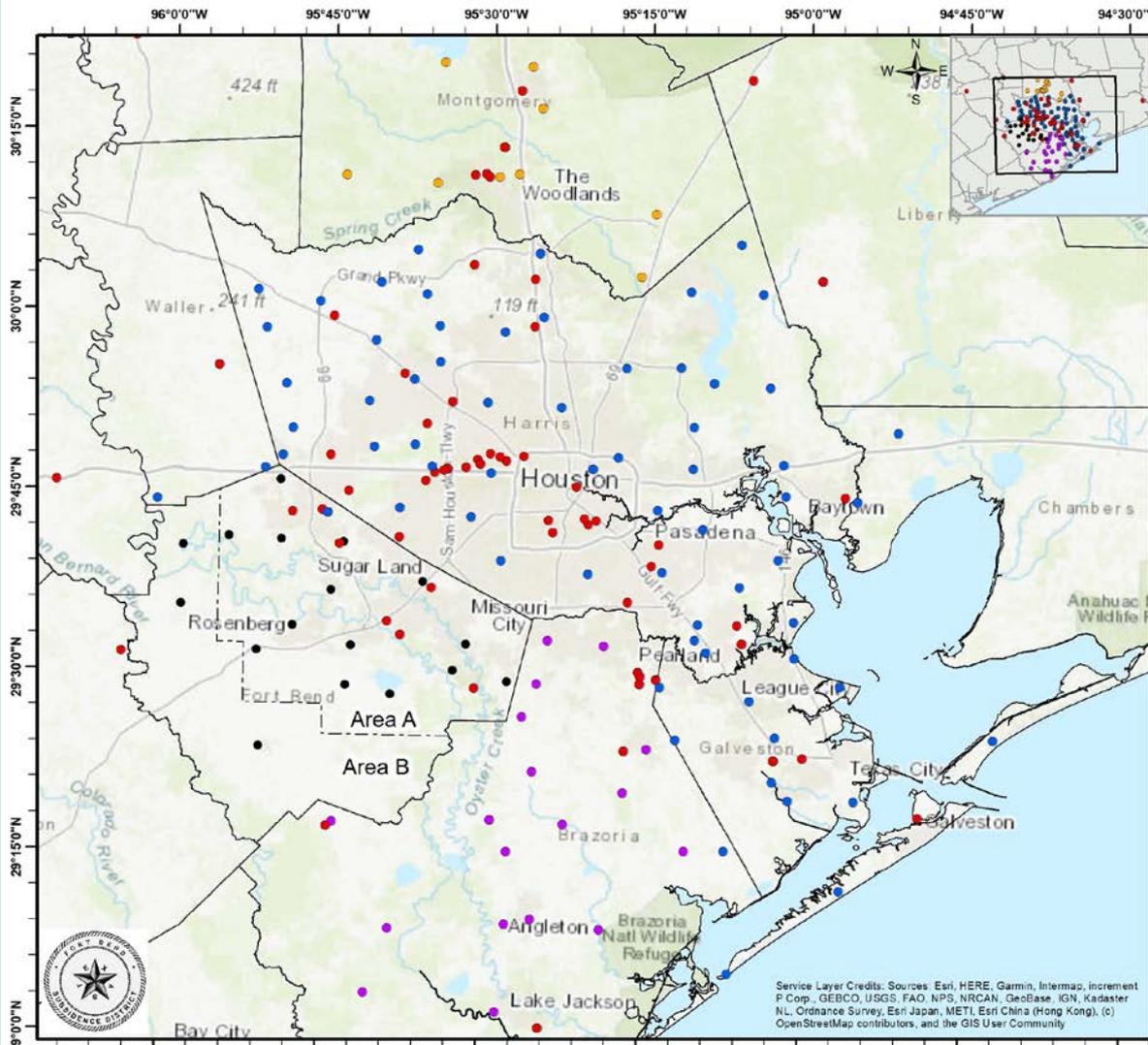
Total Water Demand

Grouped By Source - Entire District





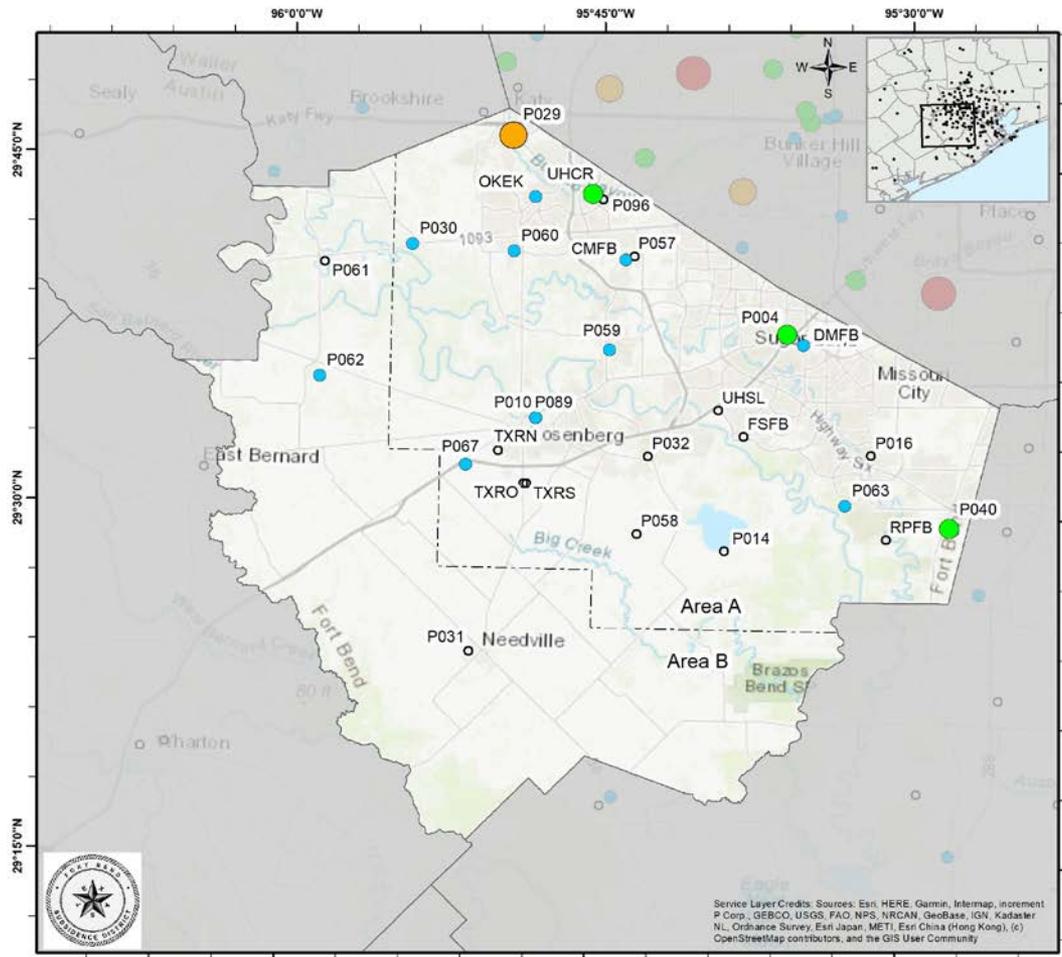
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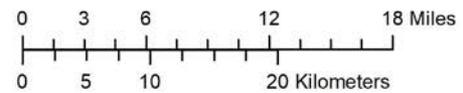
EXPLANATION

GPS Monitoring Site Operator

- Fort Bend Subsidence District
- Harris-Galveston Subsidence District
- University of Houston
- Lone Star Groundwater Conservation District
- Brazoria County Groundwater Conservation District



Base from Harris-Galveston Subsidence District Digital Data, 1:100,000
 Universal Transverse Mercator projection, zone 15
 North-American Datum of 1983



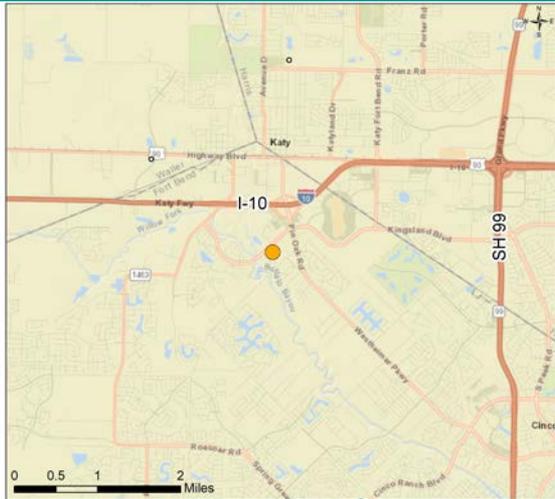
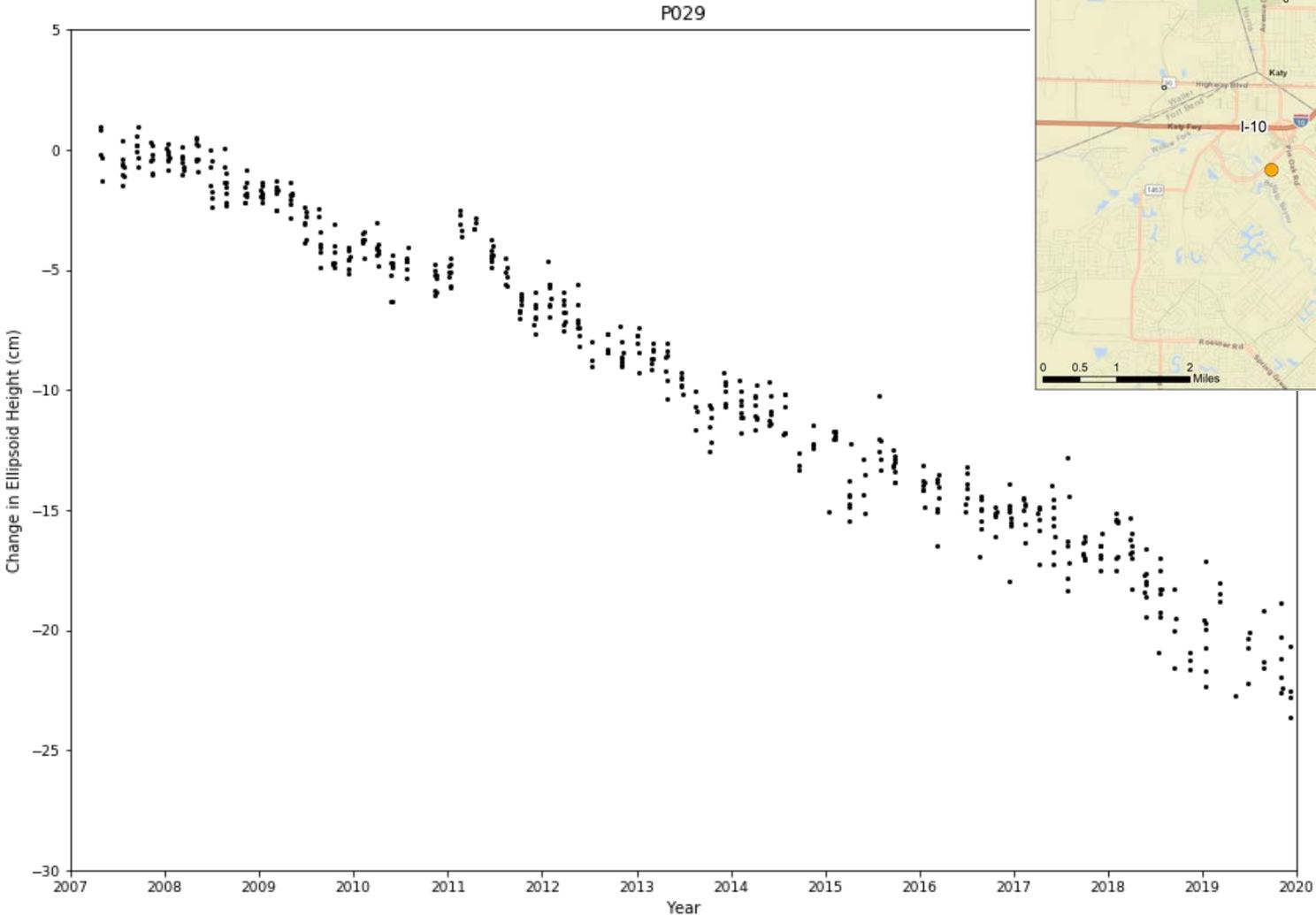
EXPLANATION

Subsidence Rate (cm/yr) from 2015 to 2019

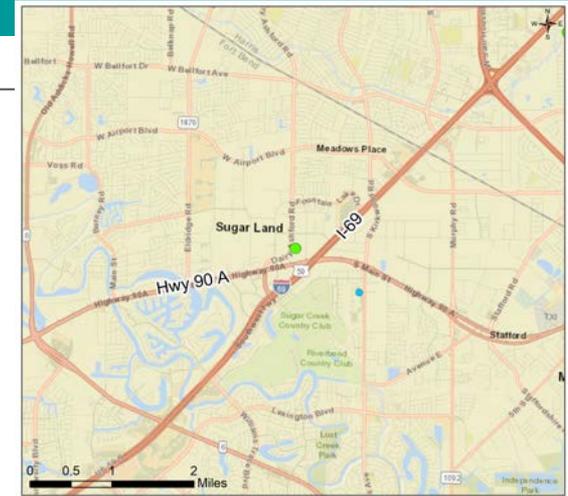
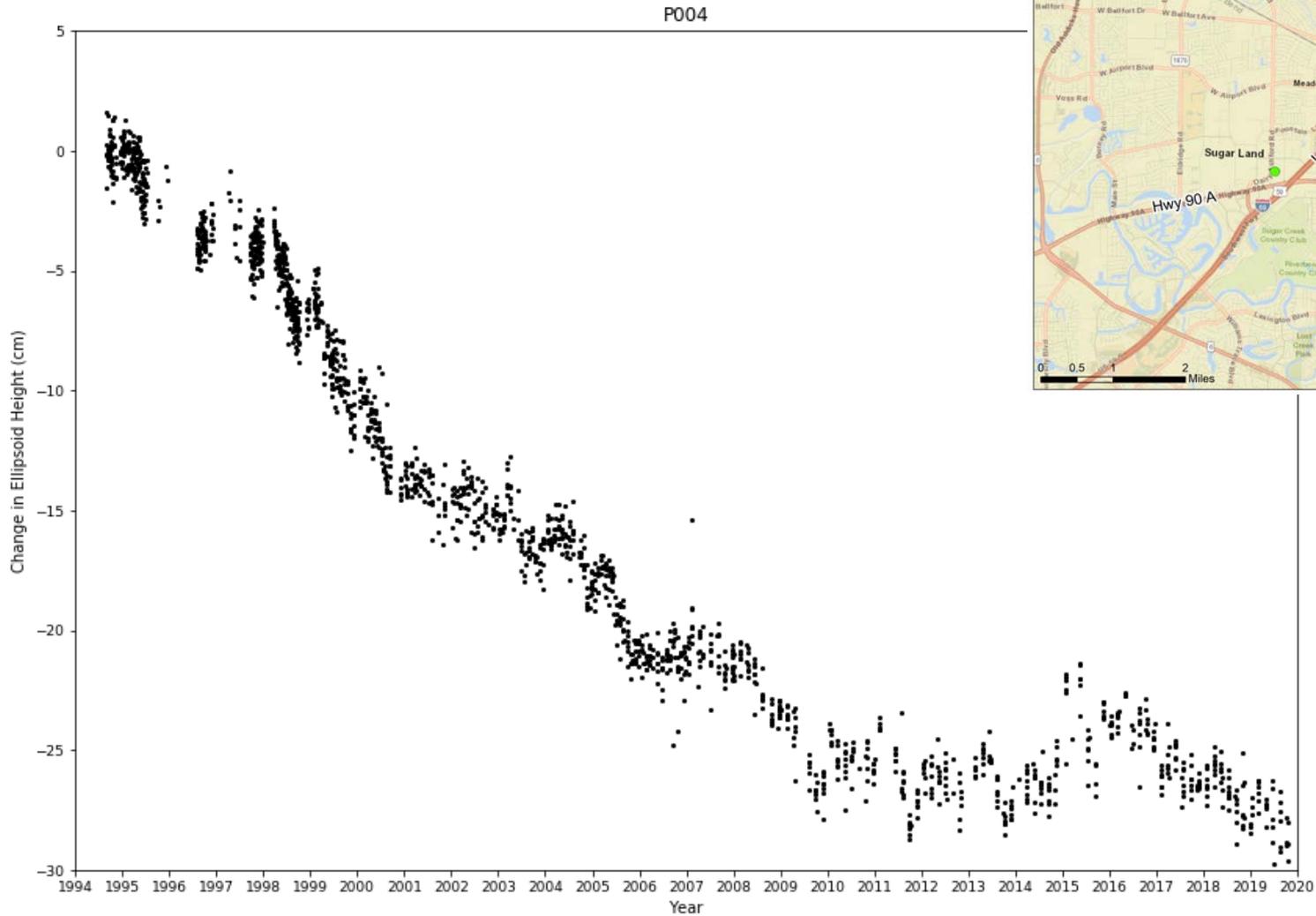
- Greater than 2.0
- 1.9 - 1.5
- 1.4 - 1.0
- 0.9 - 0.5
- Less than 0.5 or period of record less than 3 years

Annual subsidence rate, in centimeters per year, estimated from periodic and continuous GPS data measured at GPS monitoring sites in Fort Bend and Surrounding Counties, Texas, 2015-2019.

Katy

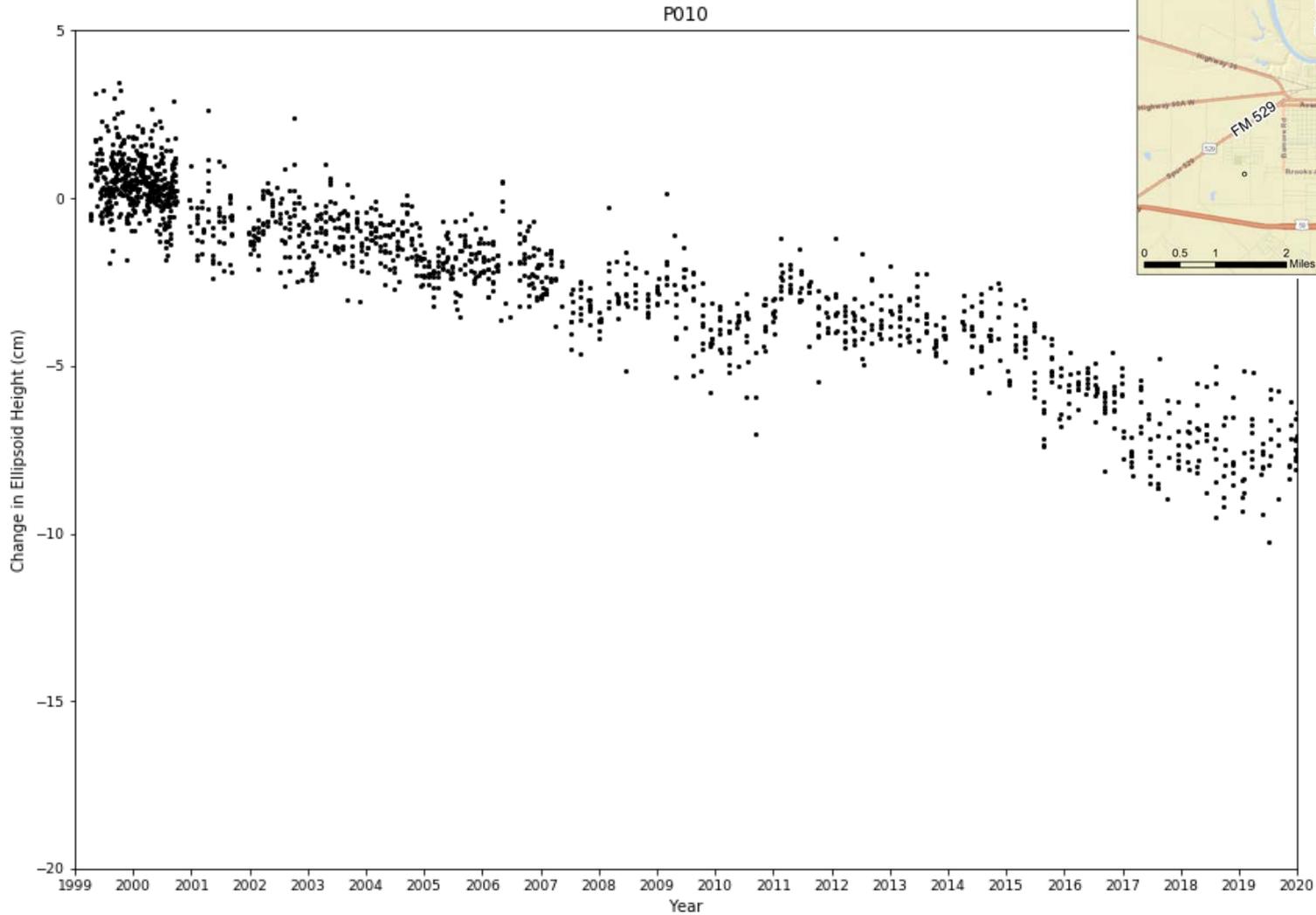


Sugar Land

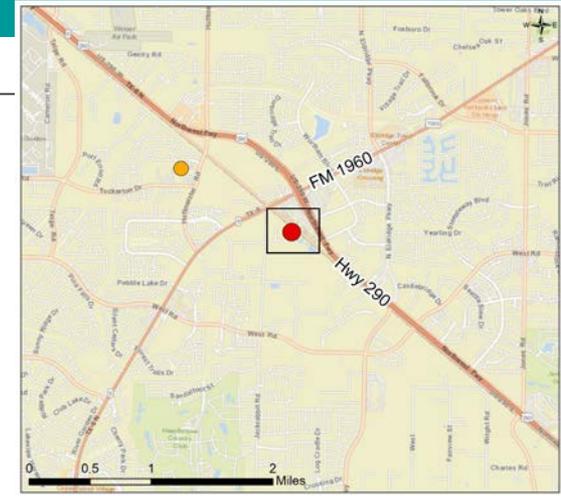
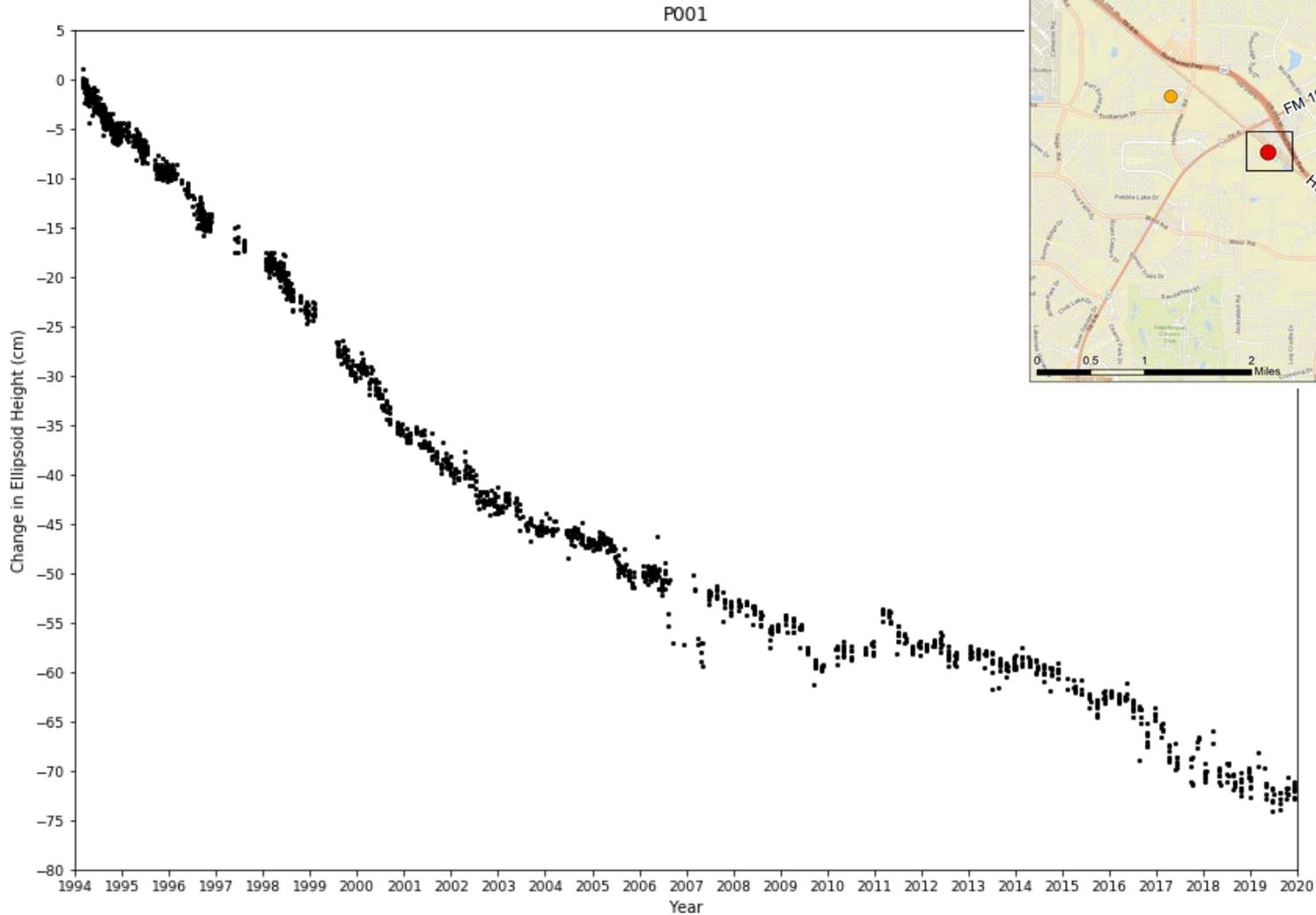




Rosenberg

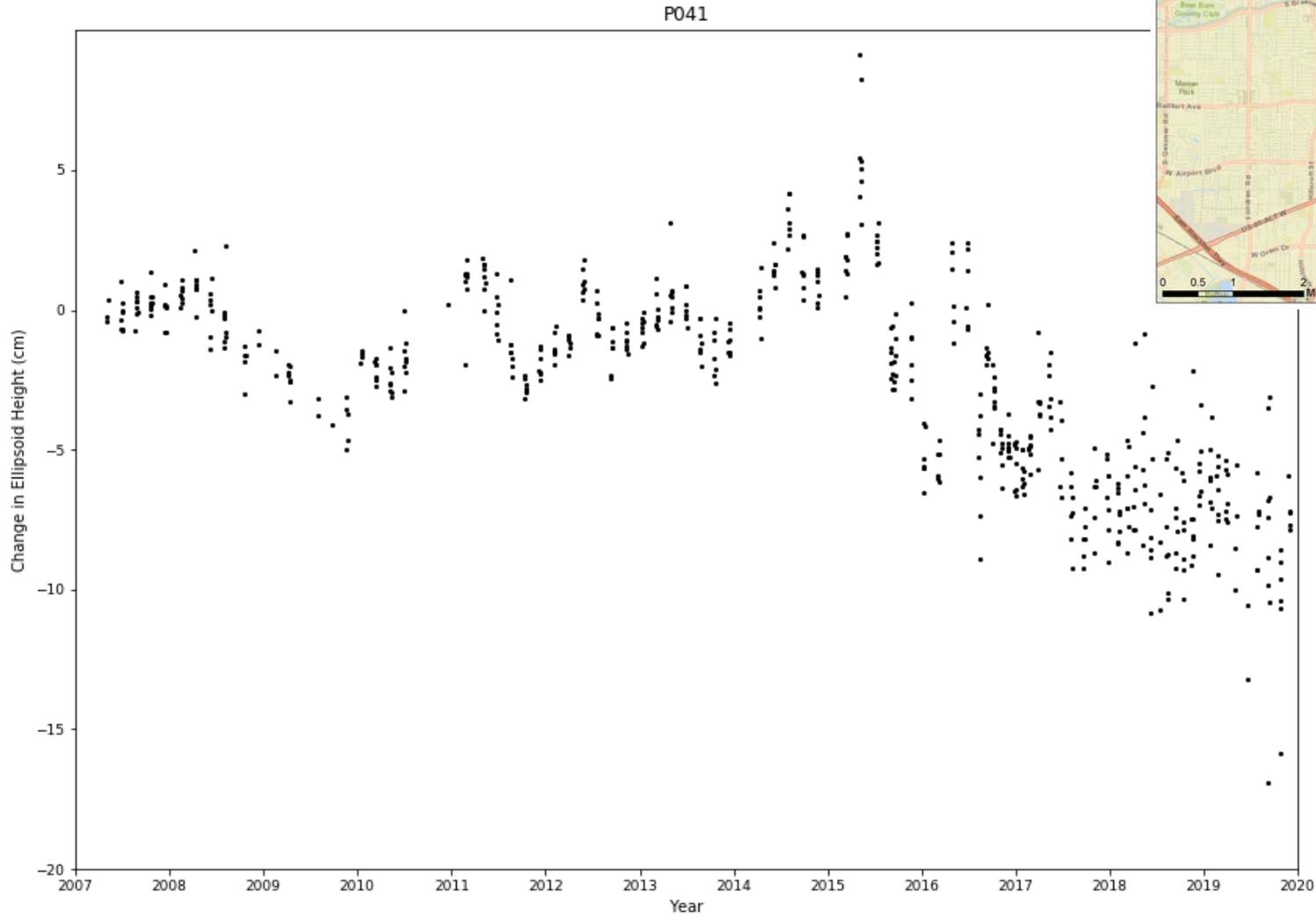


Jersey Village





Southwest Houston



Thank you for attending the Public Hearing for the 2019 Annual Groundwater Report

- Record will be open until June 5, 2020. You may provide comments by sending an email to info@subsidence.org.
- The 2019 Annual Groundwater Report will be presented to the Fort Bend Subsidence District Board of Directors on June 24, 2020.
- The 2019 Annual Groundwater Report will be posted on the District's website once approved by the District's Board of Directors.

Fort Bend Subsidence District



2019 Annual Groundwater Report



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