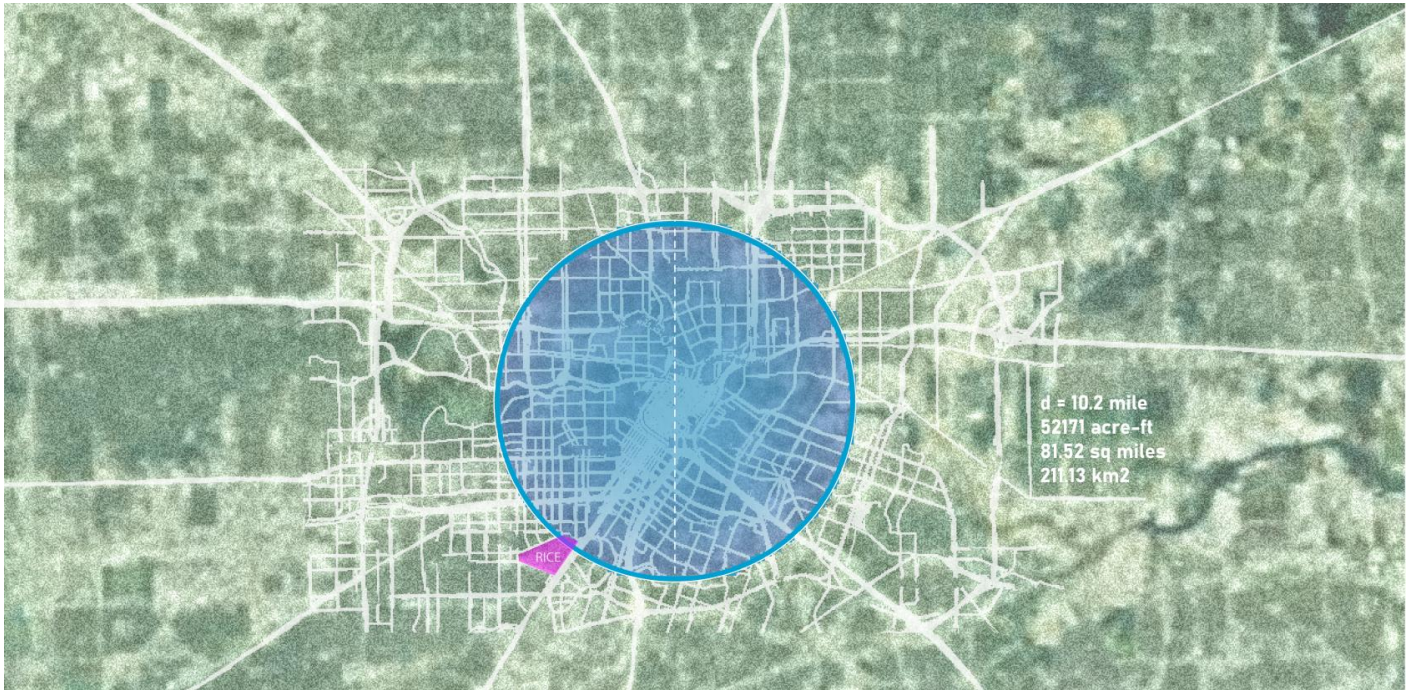
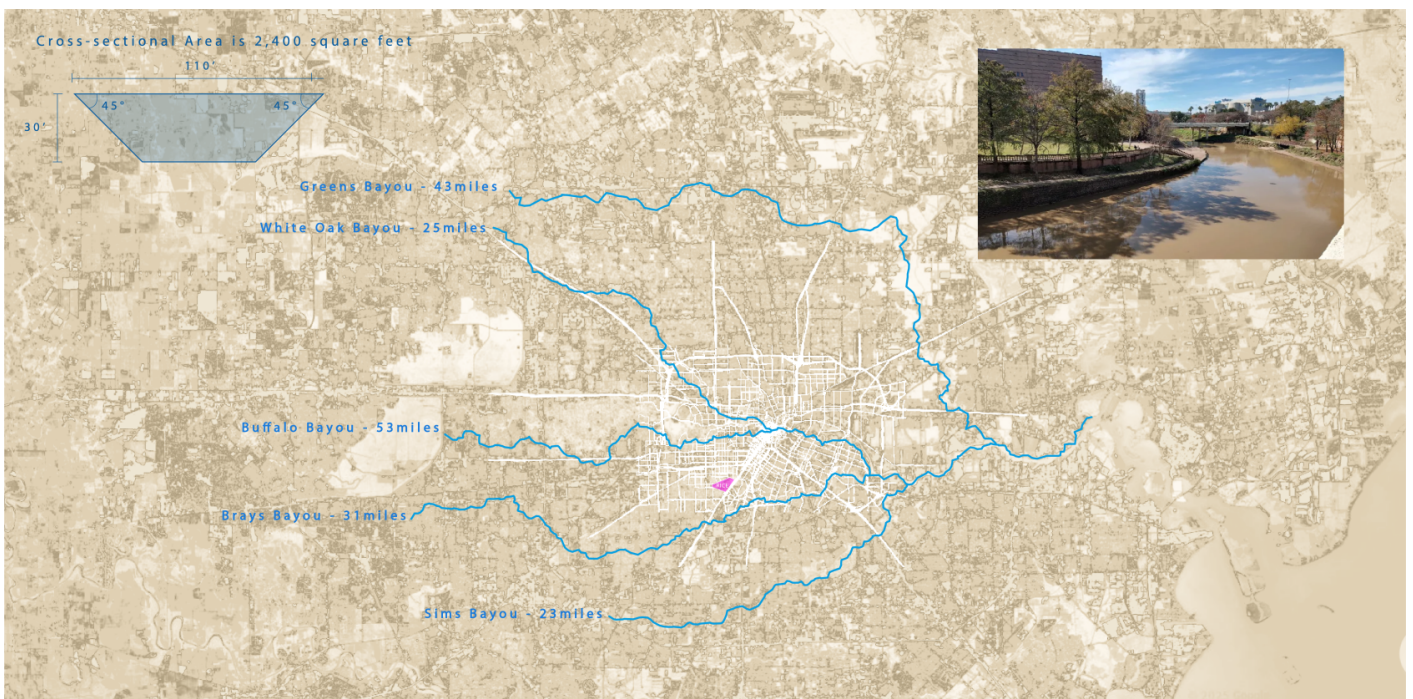


Visualizing Water Consumption: US Data Centers



In 2023 alone, US data centers consumed an estimated **17 billion gallons** of water. That's 52,171 [acre-feet](#) of water, enough to cover a **10.2-mile-wide circle** in a foot of water!



Estimating the average cross-sectional area of a bayou channel at 2,400 square feet, **the 17 billion gallons of water consumed by US data centers in 2023 could fill 179 miles of**

bayou channels, which is longer than the combined length of all of Houston's 5 major bayous (175 miles).

Revision #21

Created 8 September 2025 22:14:30 by Caroline

Updated 12 September 2025 23:15:54 by Caroline