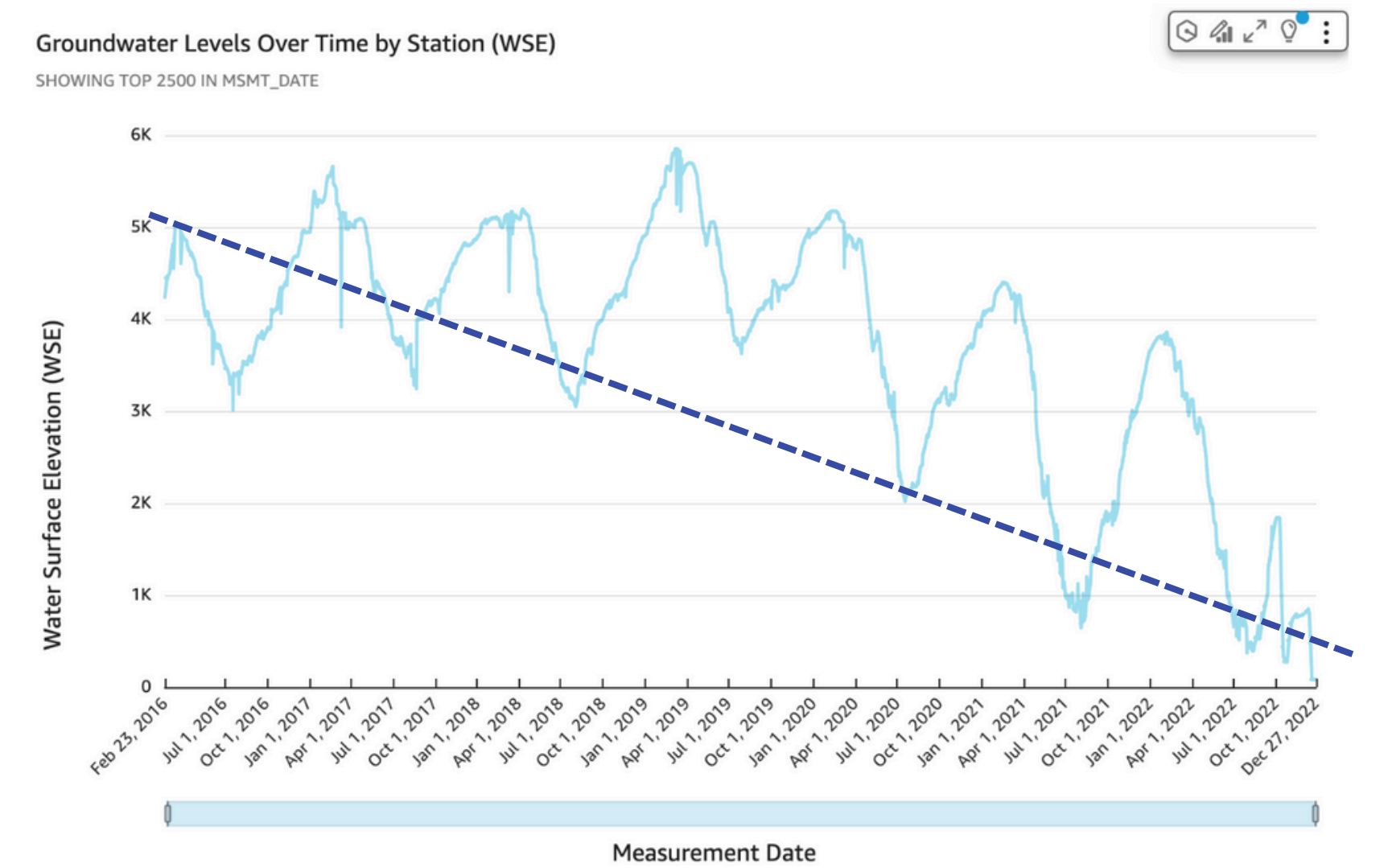


Reimagining the BlueDot Observatory Visualization

If groundwater is running out, how long before we feel it in our taps?

This Project aims to redesign AWS’ BlueDot Observatory Visualization particularly focusing on understanding. Unlike the original, which requires the viewer to read a lot of background information, this redesign focuses on clarity and allows them to receive the same message BlueDot tries to send directly from the labels.



QuickSight: Benefits & Limitations

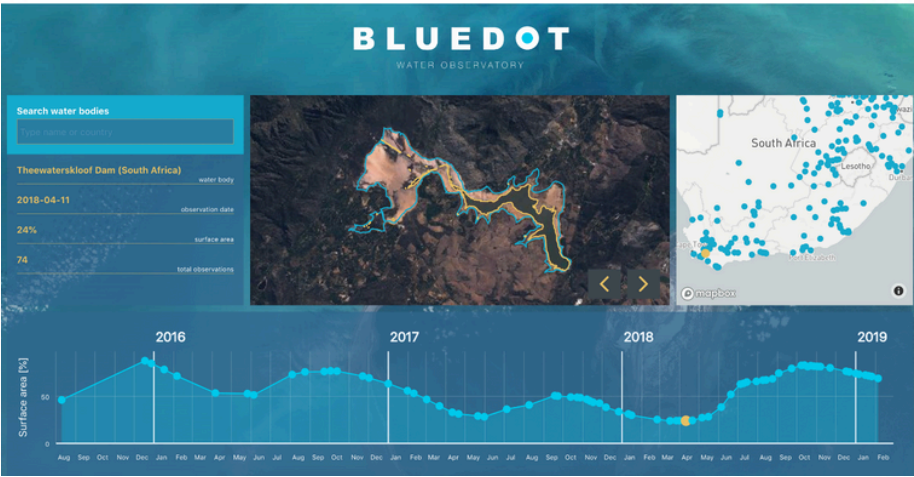
Benefits:

- strong data security and integration with AWS
- Clear and scalable visual outputs
- accessible for non-technical users

Limitations:

- Limited customization compared to more flexible tools
- dependent on amazon to keep online
- paid service

Original Design



Disclaimer:

“Course project for INFOSCI 301 – Data Visualization and Information Aesthetics, instructed by Prof. Luyao Zhang at Duke Kunshan University, Spring 2025.”

Acknowledgments:

David Schaaf, Luyao Zhang, Dongping Liu, Zichu Zhou, and Ming-Chun Huang