EMPOWERING WATER WARRIORS

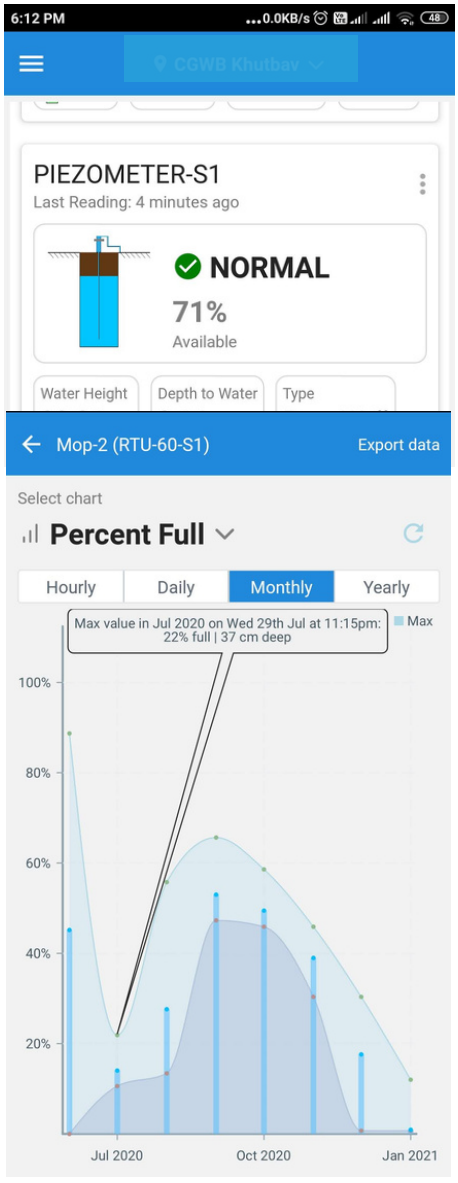
with WaterApp

Ground Water Research for Mah Govt

done by India's Premier Technology Institute, funded by World Bank

WATER CONFIGURATION

CNB - 2



ISSUES FACED

- Researchers need to track the height of water flowing over CNB (Concrete Nala Bund) on a real-time basis to measure the outflows during rain events and as a part of base flows. Helps establish water balance for that rainshed region.
- Requires sending staff with **expensive instruments** to the site to take **physical readings**.
- Continous monitoring is not possible.
- Cannot detect and measure impact of rains, floods etc.
- Data corroboration, look up, logging and sharing is inconvenient.

HOW DID WATERAPP HELP?

- **First of it's kind instrumentation** for continuous and remote measurement **outflows** and **baseflows**.
- **Accurate Water Balance** model drives effective water policies.
- **Cost and Manpower Saving**: Reduced site visits + Affordable Instruments (theft proof). Researchers can work remotely.
- Real time rain detection enables them to react quickly.
- **Productivity Gains**: Data corroboration, look up, logging, sharing.

NEXT STEPS

- Soil Moisture Sensors
- Integration with available datasets for weather, geology, and GIS.

www.WaterApp.in

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