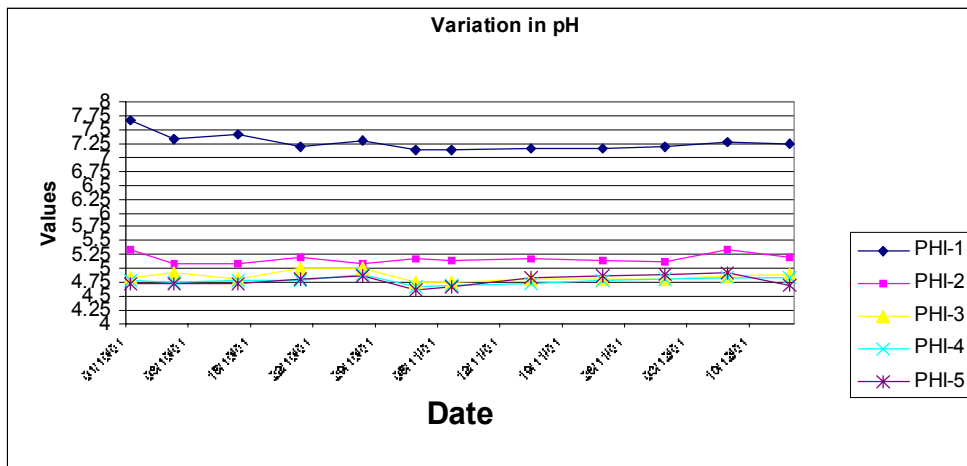
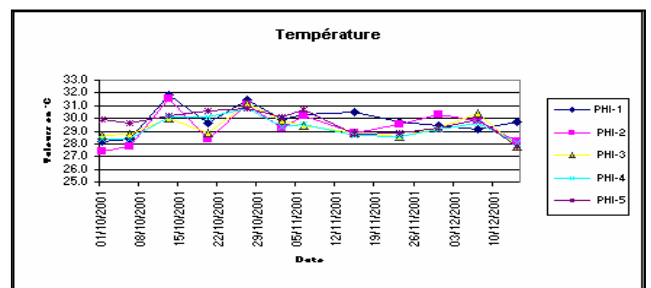
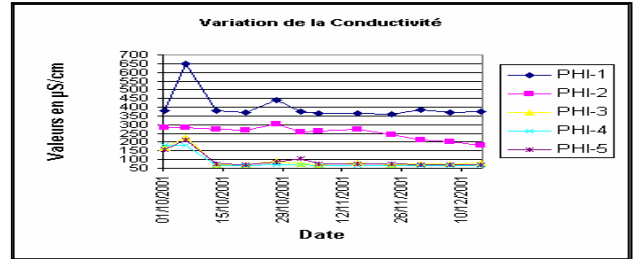
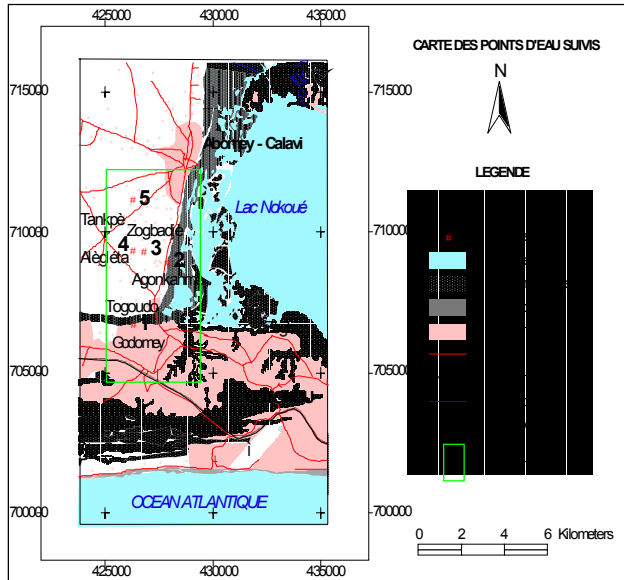


EARLY WARNING BULLETIN No. 2 ON GROUNDWATER QUALITY IN COTONOU, BENIN



Preliminary data on groundwater quality in the Cotonou aquifers shows it is still within bacteriologically acceptable levels, despite widespread salt intrusion due to excessive abstraction from the city's wells and boreholes. After 48 hours, the concentration of total fecal coliform counts was estimated between 0 and 5, while the Mac Conkey's scientific approach of coliform identification was negative, with no trace of fecal coliforms. The physico-chemical data and bacteriological analysis of the water in the surficial aquifers tapped by traditional wells indicated some pollution traces, which should be closely monitored. The probability of rainwater percolating into the PHI/2 sampling point through a fracture recently discovered at its base should also be investigated.

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