

PART II

b. Groundwater Monitoring Network

In addition to the surface water monitoring network, the division also runs a network of 38 groundwater monitoring boreholes to enhance groundwater resources assessment for sustainable groundwater development.

Of the 38 groundwater monitoring boreholes, 18 were already existing within the Greater Banjul Area while the rest were drilled in the provinces by the National Water Sector Reform Project (NWSRP) at interval of about 35 km. All the boreholes are fitted

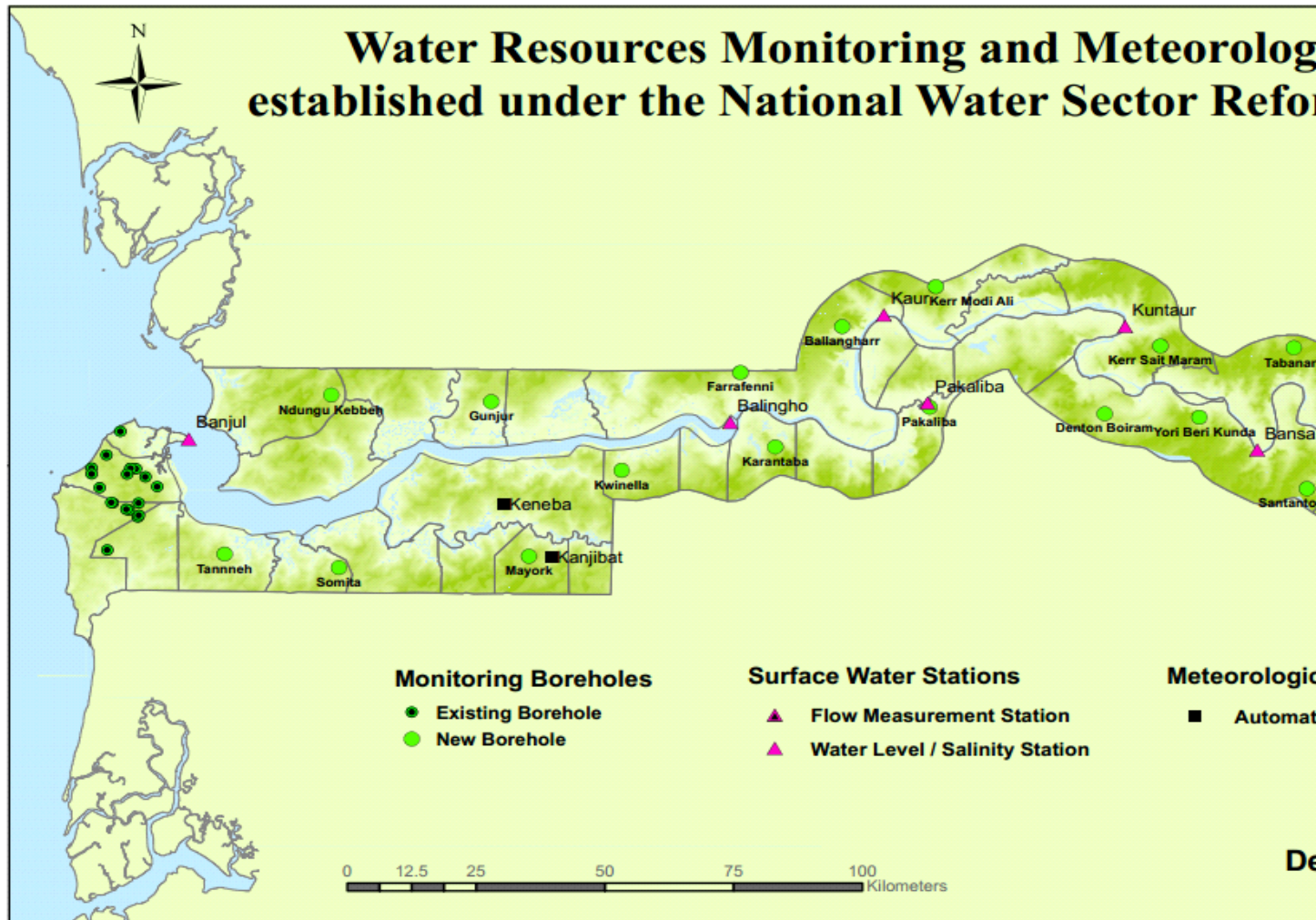


Fig: 1-1; Map showing hydrogeological stations of The Gambia

Major activities of the division include;

- Monthly data collection treks to all the stations within the monitoring network

- Storage of the collected data into hydras 3 and GeoDin databases for proper archiving.
- Provision of collected hydrogeological data to the relevant stakeholders and whosoever request for it.
- During the rainy season, the hydrological data is featured on the

#### Photo gallery



Routine data collection team members at Brikama Ground Water Monitoring Station





Downloading data through a laptop

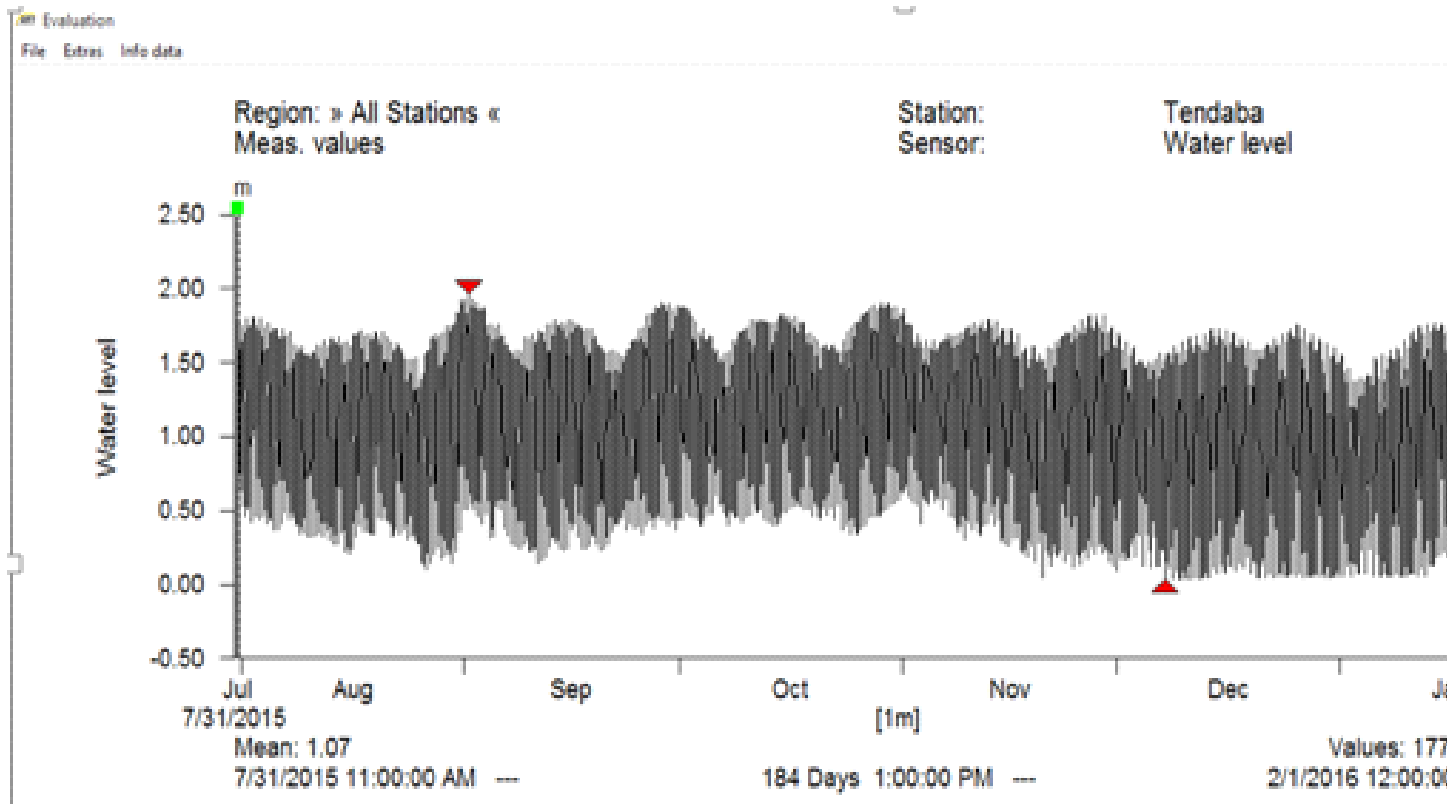


Downloading data from a surface water station at Kaur

Produced data graphs



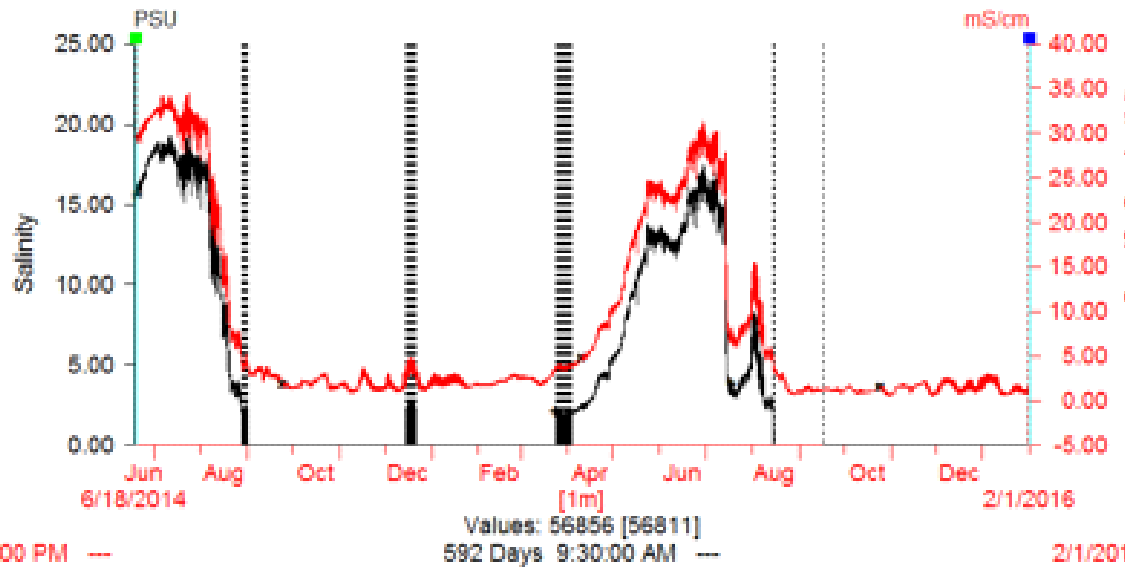
Plotted Water temperature data for Pakaliba and Kaur



Water Level data for Tendaba Surface Water Station

### Pakaliba Salinity & Specific Conductivity Information

- \* Pakaliba/Salinity
- Pakaliba/Specific Conductivity



Salinity and Specific Conductivity at Pakaliba Surface Water Station