

HYDRONIGER DATA COLLECTION NETWORK



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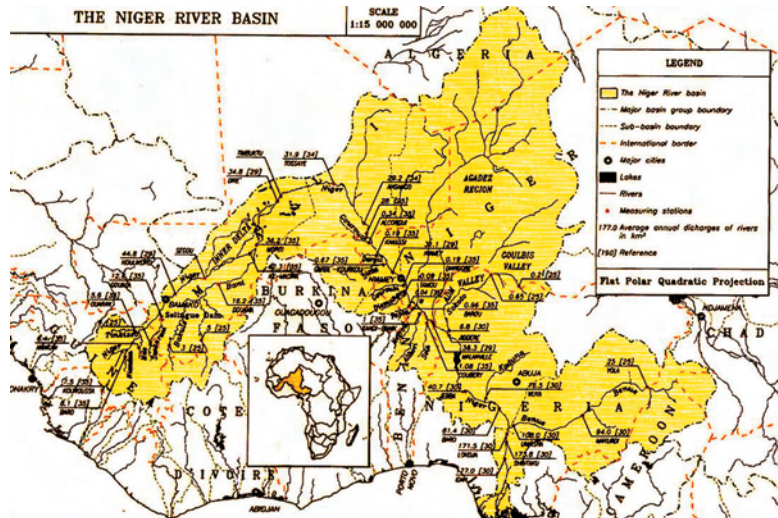
PROCUREMENT OF COMPLETE AUTOMATIC METEOSAT DATA COLLECTION PLATFORMS FOR THE NIGER RIVER BASIN AUTHORITY, UNITED NATIONS OFFICE FOR PROJECT SERVICES

Sutron Corporation provided a state-of-the-art METEOSAT Satellite Telemetry-Based Data Collection System for the HYDRONIGER Data Collection Network.

In order to preserve continual operation of the HYDRONIGER Data Collection Network, the Niger River Basin Authority (ABN) wished to modernize its real-time data collection capabilities by installing 25 Data Collection Platforms (DCPs) and changing its telemetry system from ARGOS to METEOSTAT.

The DCPs supplied were in compliance with WMO HYCOS standards including one water level detector and one rainfall detector.

- 25 DCPs including SatLink2 METEOSAT Transmitter/Logger
- SDI-12 Analog Input Module,
- AccuBubbler
- Tipping Bucket
- Rainfall Sensor
- Antennas
- Solar Panels
- Batteries
- Miscellaneous Accessories
- Calibration and Testing Equipment
- Spares
- Training



OWNER: Niger River Basin Authority
United Nations Office for Project Services

PURPOSE: Modernize real-time data collection capabilities by installing 25 Data Collection Platforms (DCPs) and changing itelemetry system from ARGOS to METEOSTAT

EQUIPMENT: 25 DCPs including SatLink2 METEOSAT Transmitter/Logger SDI-12 Analog Input Module, AccuBubbler Tipping Bucket Rainfall Sensor Antennas Solar Panels Batteries

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CONTACT: Mr. Mamadou Soumah
Expert en Telecommunication et Main
CENTER INTER – ETATS DE PREVISIONS
HYDROLIQUE
Secretariat, B. P. 729
NIAMEY
Republique du Niger
Tel: (00227)73 32 39

VALUE: \$285,000 US