


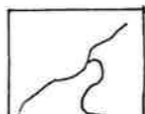
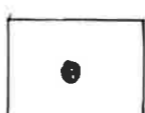

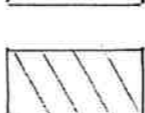
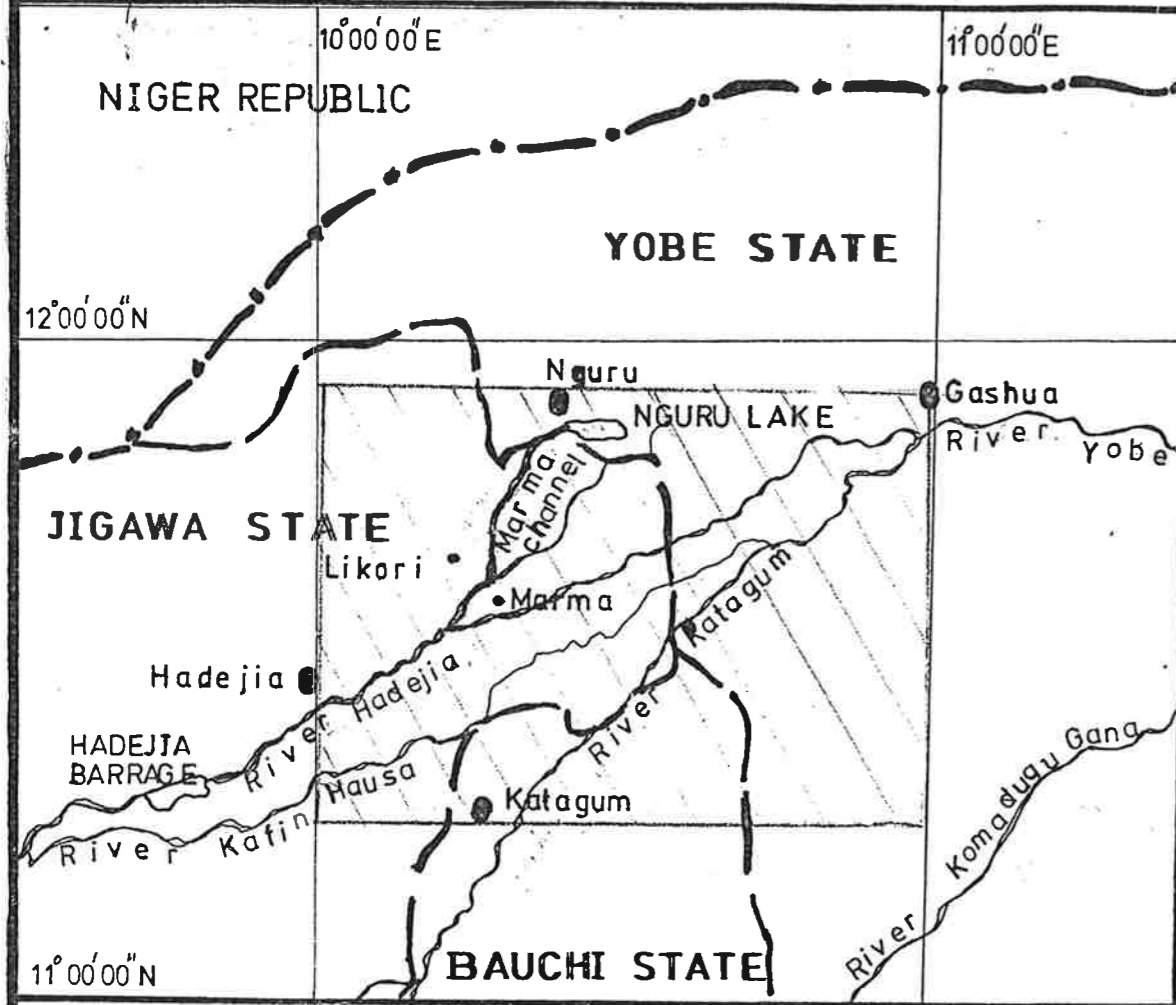


# THE LOCATION OF HADEJIA-NGURU WETLANDS OF NORTH EASTERN NIGERIA

## LEGEND

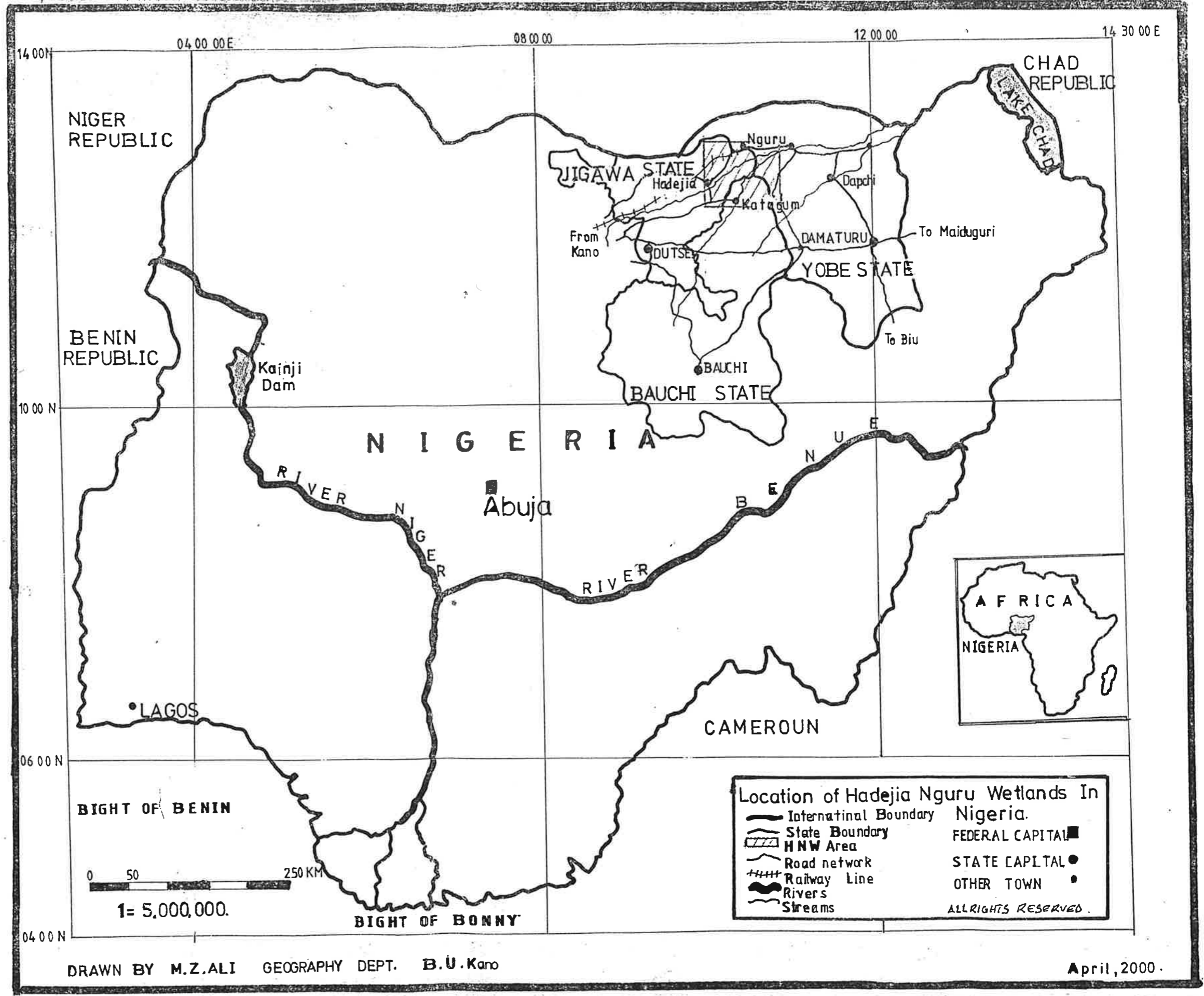
- International Boundary 
- State Boundary 
- River Channel 
- Streams 
- Town 
- Village 
- Hadejia Nguru Wetlands Areas. 



Source: HNWCP map 1997, up dated April, 2000.

Drawn by M.Z.ALI. Geo. Dept. B.U.K.

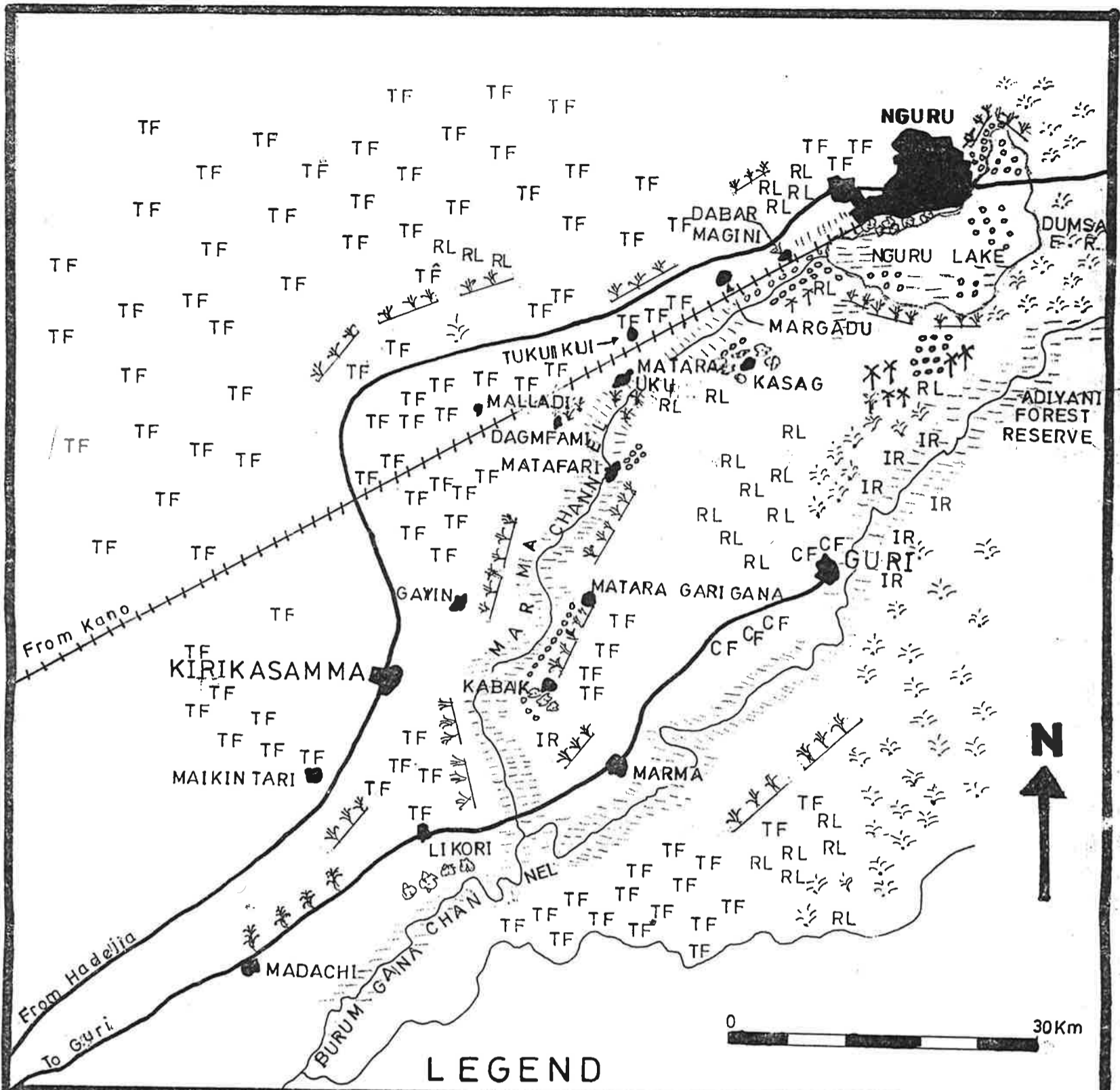
# THE LOCATION OF THE HADEJIA NGURU WETLANDS IN NIGERIA



DRAWN BY M.Z.ALI GEOGRAPHY DEPT. B.U.Kano

April, 2000.

# THE ECOLOGICAL FEATURES OF MARMA CHANNEL-NGURU LAKE COMPLEX.

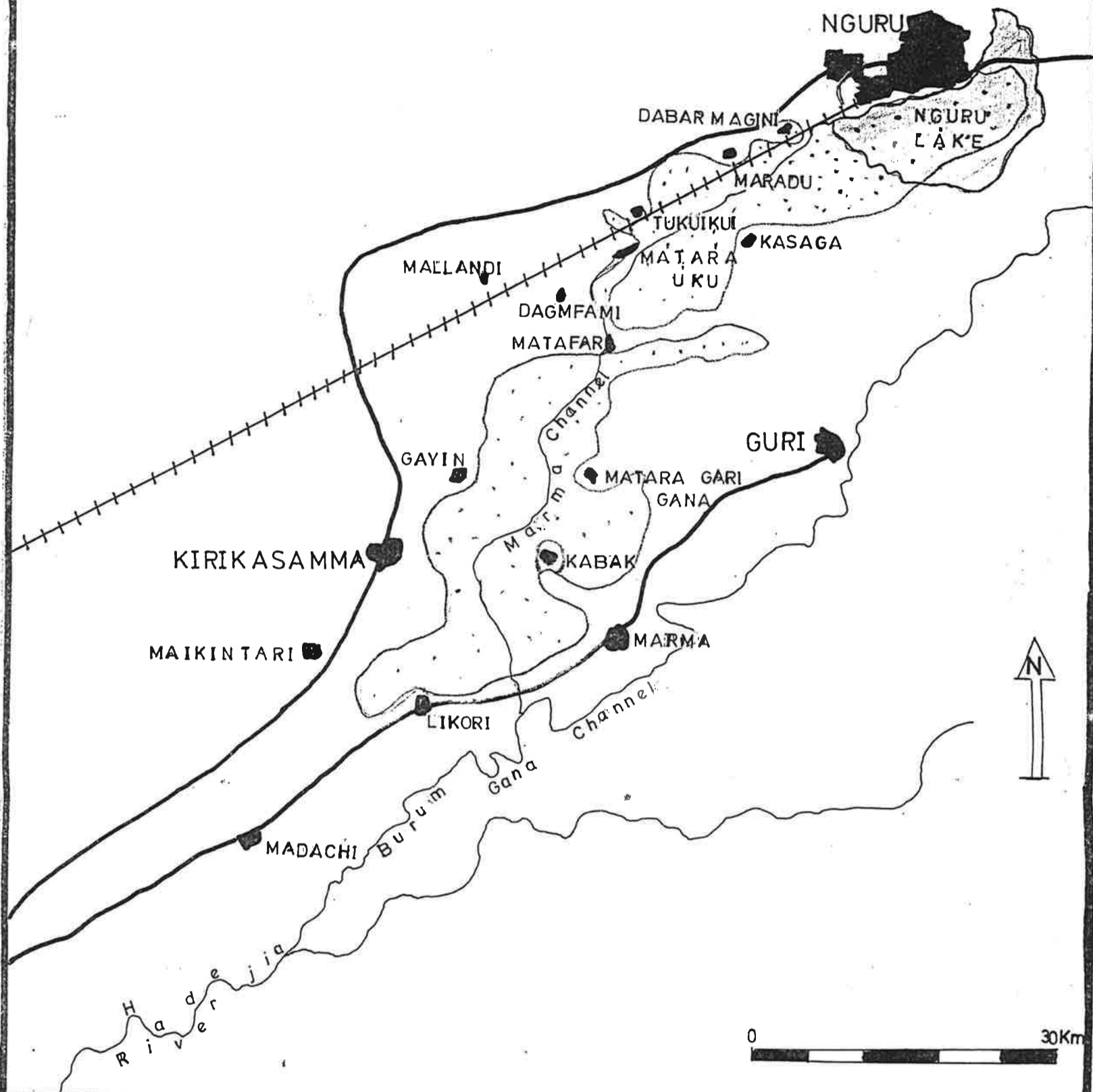


## LEGEND







	Roads		Sugar cane field.
	Railway line		Recession crop/rice.
	River		Doum palm.
	Settlement		Orchard
IR	Irrigated farm		Barassus
CF	Cotton farm		Dauro roba
RL	Range lands		Typha grass
TF	Tudu farm		Acacia bush
FR	Forest reserve		

Drawn by M.Z.ALI BUKANO.MAY 2000.

# THE HYDROLOGICAL FEATURES OF MARMA CHANNEL-NGURU LAKE COMPLEX.



## LEGEND

- |  |  |
|--|--|
|  Road network |  Settlement    |
|  Railway line |  Flooding area |
|  River        |  Lake          |