

Table of Contents

Appendix A: Key to Meteorological Data

Table 1-	Names and coordinates of meteorological stations (a map showing the location of these stations is included in the text)
Table 2-	Mean daily and total daytime hours of the year
Table 3-	Mean monthly and annual surface air temperature
Table 4-	Mean monthly and annual relative humidity
Table 5-	Mean monthly and annual global radiation
Table 6-	Mean monthly and annual duration of sunshine
Table 7-	Mean monthly and annual degree of cloudiness
Table 8-	Mean monthly and annual wind speed
Table 9-	Mean monthly and annual rainfall
Table 10 _a -	Annual mean and coefficient of variation of rainfall depth
Table 10 _b -	Annual rainfall series of 50 or more uninterrupted years of record
Table 11 _a -	Mean monthly and annual number of days
Table 11 _b -	Maximum monthly and annual rainfall at some selected stations for the available records
Table 11 _c -	Minimum monthly and annual rainfall for the used years of record
Table 12-	Measured/estimated rates of evaporation from free water surfaces
Table 13 _a -	Measured/estimated rates of potential evapotranspiration
Table 13 _b -	Estimates of Thornthwaite's potential evapotranspiration at some additional stations
Table 13 _c -	Estimates of potential evapotranspiration from grasslands, woodlands, forests, swamps and wetlands

Appendix B: Key to Hydro and Water Quality Data

Part I- Hydro Data

Table 1-	Estimates of fresh water resources potential
Table 2-	Subdivision of fresh water resources potential into surface and groundwater
Table 3-	Approximate surface areas of river basins larger than 20, 000 km ² , and the names of countries sharing these basins (riparian countries)
Table 4 _a -	Runoff coefficients of the river basins west of the Congo River
Table 4 _b -	Runoff coefficients of the Chambeshi basin and the Congo headwaters, northern Zambia
Table 4 _c -	Runoff coefficients for certain parts of the Nile River Basin
Table 4 _d -	Runoff coefficients of the Zambezi River system
Table 4 _e -	Runoff coefficients of river basins in Kenya outside the Nile Basin
Table 5-	Names and coordinates of stream gauging stations and the corresponding catchment areas
Table 6 _a -	Mean and coefficient of variation of annual river discharges
Table 6 _b -	Annual mean discharge series of 50 or more (uninterrupted years) of record
Table 6 _{b1} -	The Nile at Aswan
Table 6 _{b2} -	The Nile tributaries in the Sudan
Table 6 _{b3} -	The Niger at Koulikoro, Mali
Table 6 _{b4} -	The Niger at Niamey, Niger
Table 6 _{b5} -	The Sénégal at Bakel, Sénégal
Table 6 _{b6} -	The Obangui at Bangui, Central African Republic
Table 6 _{b7} -	The Congo at Kinshasa, Congo Democratic Republic
Table 7-	Maximum and minimum average annual discharges at stations having complete record for at least 18 years
Table 8-	Mean monthly and annual discharges of selected rivers
Table 9 _a -	Discharge and gauge measurements of Victoria Nile at Mbulamati
Table 9 _b -	Discharge and gauge measurements of the White Nile at Malakal
Table 9 _c -	Discharge and gauge measurements of the Congo at Kinshasa
Table 9 _d -	Discharge and gauge measurements of the Baro (tributary of the Niger) at Niandan

Part I- Cont'd

Table 9 _c -	Discharge and gauge measurements of the Benue near Yola
Table 10-	Principal groundwater formations/basins/aquifers and their hydrogeological parameters

Part II- Water Quality Data

Table 1 _a -	Erosion and land degradation in Africa
Table 1 _b -	Selected erosion rates in Africa
Table 1 _c -	Rate of sediment loss as a function of land use type for certain drainage basins in Kenya
Table 2 _a -	Sediment data of selected rivers in Africa
Table 2 _b -	Maximum and minimum annual sediment yields recorded for drainage basins ranging from ca 2,500 to 190,000 km ²
Table 2 _c -	Suspended sediment yield data for Lesotho
Table 2 _d -	Silt and dissolved solids for some Malawian Rivers
Table 2 _e -	Average suspended sediment concentration of the Awash River water, Ethiopia
Table 2 _f -	Suspended sediment loads in the Volta Basin, Ghana, 1965
Table 2 _g -	Annual sediment load carried by the flood of Oued Zeroud at Sidi Saad, Tunisia
Table 2 _h -	Concentration and sediment yield, maximum and minimum values, for some rivers in Ghana
Table 2 _i -	Monthly and annual sediment loads in the Sénégal River at Bakel, Sénégal
Table 2 _j -	Monthly concentration of suspended sediment in the Sénégal River at Bakel, Sénégal
Table 2 _k -	Concentration of suspended load of floodwater in the Main Nile at Gaafra, 1955-63
Table 3 _a -	Sedimentation in storage reservoirs, Morocco
Table 3 _b -	Sedimentation in storage reservoirs, Tunisia
Table 3 _c -	Deposited sediment volumes in the high Aswan Dam Reservoir, Egypt, 1964-89
Table 3 _d -	Average rates and cumulative volumes of sediments deposited in the Roseires, Khashm el-Girba and Koka Reservoirs
Table 3 _e -	Average rates of sedimentation in 14 storage reservoirs in South Africa

Part II- Cont'd

Table 4 _a -	Salinity and dissolved solids in various sections of the Nile Basin
Table 4 _b -	Average values of some physical and chemical characteristics of water samples from Lake Victoria
Table 4 _c -	Water characteristics of the Equatorial Lakes other than Lake Victoria
Table 4 _d -	Water characteristics of Lake Tana, Blue Nile, Sobat, and Atbara Rivers
Table 4 _e -	Water characteristics of the White and Main Niles and Nubia and Nasser Lakes
Table 4 _f -	Chemical composition of the Niger River discharge
Table 4 _g -	Chemical composition of the discharges of some rivers in West Africa
Table 4 _h -	Chemical composition of the discharges of some rivers in the Upper part of Ghana
Table 4 _i -	Annual salt carried by the flood of Oued Zeroud at Sidi Saad, Tunisia
Table 4 _j -	Chemical composition of the Congo and Bangui river Discharges
Table 5 _a -	Chemical composition of groundwater in rural areas of some West African countries
Table 5 _b -	Chemical characteristics of groundwater samples in the Niger Delta, Nigeria
Table 5 _c -	Chemical composition of groundwater in the outskirts of Cairo, Egypt
Table 5 _d -	Chemical analysis of shallow groundwater in the Moro area, Kwara State, Nigeria
Table 5 _e -	Conditions in shallow wells in the south coastal region of Kenya
Table 5 _f -	Physical and chemical characteristics of groundwater in the outskirts of Brazzaville, Congo Brazzaville
Table 5 _g -	Chemical characteristics of groundwater samples from Djibouti, Sénégal, and Khartoum Province, The Sudan
Table 5 _h -	Chemical characteristics of groundwater samples from different formations in the area of Port Elizabeth, South Africa
Table 6 _a -	Results of bacteriological water quality testing, Lesotho
Table 6 _b -	Bacteriological analysis of groundwater in the aquifer underlying the Greater Cairo District, and two villages in the Nile Delta area
Table 6 _c -	General bacteriological analysis of river waters in Ghana, The Sudan and Egypt
Table 7 _a -	Brief review of water-related diseases in Central Africa, Tanzania and Burundi
Table 7 _b -	Incidence of water-related diseases in rural areas of The Sudan and Nigeria