

## DESCRIPTION OF DATA AND FORMAT MADE AVAILABLE TO LAKE CHAD VIRTUAL LABORATORY FOCAL POINTS

	Path/Filename	Format	Description	Source
	CD ROM 1			
1	\\Map\geomorphology\geomorphoUN_5E06\geomorpho_utm33.img	Imagine	Published Geomorphological map of Lake Chad Conventional (LCB) Basin projected in UTM 33 Coordinate System. LCBC/UNESCO Study of Water Resources in the Lake Chad 1966-68	UNESCO/LCBC
2	\\Map\geomorphology\geomorphoUN_5E06\geomorpho_un.img	Imagine	Published Geomorphological map of LCB. LCBC/UNESCO Study of Water Resources in the Lake Chad 1966-68	do
3	\\Map\geomorphology\geomorphoUN_5E06\geomorpho_un.tiff	tiff	do	do
4	Map\geomorphology\geomorphoUN_5E06\geomorpho.jpg	jpg	do	do
5	\\Map\geomorphology\geomorphoUN_5E06\leggeomorpho.jpg	jpg	Legend of the geomorphological map of LC B.	do
6	\\Map\hydrogeol\hydrog_section\hydrog_sections.shp	shapefile	Geological cross-sections across the LCB	
7	\\Map\hydrogeol\hydrog_section\quoted_places.shp	shapefile	Locations along the geological cross-sections	
8	\\Map\hydrogeol\limits quat aquif	shapefiles	Various lines and polygon shapefiles showing limits of quaternary aquifer	
9	\\Map\hydrogeol\map_hydrogeol	jpeg in imagine	Hydrogeological map of LCB	
10	\\Map\hydrogeol\map_piezo	shapefiles	Piezometric map of LCB	UNESCO/LCBC
11	\\Map\hydrogeol\ts map	shapefiles	Well data(Check attributes defn)	
	\\Map\meteorology\mapevapo.shp	shapefiles	Evaporation measurement in LCB 1951-1977	

	Path/Filename	Format	Description	Source
	\\Map\meteorology\rainfall.shp	shapefile	128 rainfall stations in LCB and period of available records	
	\\Map\meteorology\evapo_allmeasures.shp	shapefile	Average annual evaporation measurement from 21 stations 1951-57	UNESCO/LCBC
	\\Map\rivers\riv_wdbii_gccor.shp	shapefiles	Rivers in Africa	UNEP/GRID
	\\Map\rivers\riv\ afr_basins.shp	Shapefile	Basins in Africa	UNEP/GRID
	\\Map\rivers\dcw\rlcbb6_1	shapefile	River system in LCB	
	\\Map\rivers\dcw\vrpcb5_s	shapefile	River system in LCB	
	\\Map\rivers\staffgauge_stations	shapefile & Excel	Some gauging stations in LCB	GRDC
	\\Map\soil_type\soil_griddata\gnv18_tar.z	arcInfo tar zip archive	World Map of the Status of Human-Induced Soil Degradation; an Explanatory Note" (October 1990)	UNEP/GRID/FAO/NASA
	\\Map\soil_type\soil_griddata\gnv25\gnv25_tar	arcinfo tar zip archive	Soil Water Holding Capacity (Bouwman et al.) Bouwman, A. F., I. Fung, E. Matthews and J. John. September 1993. "Global analysis of the potential for nitrous oxide (N <sub>2</sub> O) production in natural soils." Global Biogeochemical Cycles, Volume 7/no. 3, pp. 557-597. The other relevant reference is: Zobler, L. 1986. "A world soil file for global climate modelling." NASA Technical Memorandum 87802, NASA/GISS, New York USA, 32 pages.	UNEP/GRID/FAO/NASA
	\\Map\topography	arcinfo & shapefiles	Topography of LCB	LCBC
	\\Map\topography\GTOPO30\lcbdem_s\lcbdem_s	info	Digital elevation model of LCB	LCBC
	\\Map\waterbodies\floodplain	shapefiles	Map of flood plain in LCB	LCBC

	Path/Filename	Format	Description	Source
CD 2 Under Processing				
	Cameroon Stations	text	List of rainfall Stations in Cameroun	
	Inventory of Evaporation in Tchad 1950 1996	text	Inventory of monthly evaporation data in Chad for 1950, 1960, 1970	
	Niger Stations	text	List of rainfall stations in Niger	
	Niger Rainfall	text	Monthly rainfall from Niger Republic 1980-1985	
	Nigeria Stations	text	List of rainfall stations in Nigeria	
	Tchad Stations	text	List of rainfall stations	
	Tchad monthly Piche Evaporation, 1950-1998	text	Self explanatory	
	Tchad Rainfall 1950-1970	text	Self explanatory	
	Tchad Daily Rainfall 1971 1980	text	Self explanatory	
	Tchad Daily Rainfall 1981 1990	text	Self explanatory	
	Tchad Daily Rainfall 1991 1998	text	Self explanatory	
	Tchad Monthly Maximum Temperature 1960 1998	text	Self explanatory	
	Tchad Monthly Minimum Temperature 1960 1998	text	Self explanatory	
	Tchad Monthly Rainfall 1960 1998	text	Self explanatory	
	Tchad, Ndjamena Monthly Maximum Temperature 1903 1998	text	Self explanatory	
	C_cam	text	Daily gauge height from Cameroun	

	Path/Filename	Format	Description	Source
	C_chari1	text	Daily gauge height in Chari	
	C_chari2	text	Daily gauge height in Chari	
	C_lac	text	Daily gauge height in Lac	
	C_log1	text	Daily gauge height in Logone	
	C_log2	text	Daily gauge height in Logone	
	C_log3	text	Daily gauge height in Logone	
	C_ngria	text	Gauge height from Nigeria	
	C_niger	text	Daily Gauge height from Niger	
	C_rca	text	Daily Gauge height from RCA	
	Deb_ch	text	Daily discharge Chari	
	Q_cam	text	Daily discharge from Cameroon	
	Q_log1	text	Daily discharge Logone	
	Q_log2	text	Daily discharge Logone	
	Q_niger	text	Daily discharge from Niger	