

## Infrastructure data for the Caprivi

**airstrip.shp** - there are rough positions of airstrips and airports known to the Environmental Profiles Project. In many cases the positions are accurate because the stations/posts are at known locations which were determined off topographic maps or using global positioning systems.

**police.shp** - these are rough positions of police stations and border posts known to the Environmental Profiles Project. In many cases the positions are accurate because the stations/posts are at known locations which were determined off topographic maps or using global positioning systems.

**crushes.shp** - the locations of crushpens were mapped by the Environmental Profiles Project using global positioning systems, and the locational information is thus available for anyone to use. Counts of cattle per crushpen belong to the Directorate of Veterinary Services and permission must be obtained to use those counts. The single point file shows where crushpens are located and has a set of data attached to it as follows:

Name: Name of crushpen/village  
Code: unique code number for each borehole generated for the Profiles project  
June\_1996: number of cattle counted in June 1996

**borehole.shp** - these data should only be used with the permission of the Department of Water Affairs. The single point file shows where boreholes are located and has a set of data attached to it as follows:

Station: unique code number for each borehole generated for the Profiles project  
Source: source of data - either from recent UNICEF drilling project (unicef) for jetted holes, or from drilling project by Carr Barbour Associates (carr), or from recent Chinese govt. funded project (chinese p) or from Department of Water Affairs database (DWA). The original Department of Water Affairs database provided to the Profiles project had to be cleaned in several ways, including the removal of duplicate records and deletion of records that were attributed to Caprivi but were from elsewhere based on their co-ordinates.

WW\_NO:- this is the Department of Water Affairs database internal code number

LAT: decimal latitude degrees

LONG: decimal longitude degrees

YIELD: yield of hole when tested (cubic metres per hour)

RWL: rest water level (metres)

TDS: total dissolved solids level

TYPE: type of hole

FU: unknown

COLLAR: unknown

DEPTH: drilled depth (metres)

**clinics.shp** - These are locations and types of health facilities. The positions of the facilities were determined by matching their names with those of names of villages and schools. This is a fairly safe approach since all facilities are in bigger and well-known villages. The single point file shows where the facilities are located and has a set of data attached to it as follows:

**NAME:** village name

**TYPE:** clinics (primary health care facilities), hospital (beds and doctors) or health centre (some beds)

**village.shp** - This is a simple file showing the positions of a set of villages for which names were available or known. The attribute data (village.dbf) consists only of the village name.

**bigtowns.shp** - This is a simple file showing the positions of a set of larger villages or towns. The selection of what is a larger village or town was arbitrary and was based mostly on the need to have a set of in the dataset. The attribute data (bigtowns.dbf) consists only of the names of larger vilages

**schools.shp** - These are locations and types of schools. The data set attached provides the following information:

**CSCHOOL:** unique code number used for each school by the Ministry of Basic Education and Culture. Those schools without numbers are not on the Ministry's database.

**LAYER:** Information on how the school was mapped: GPS - mapped with a global positioning system, SCHMAP - position found and digitised off a topographical map, Schools - position estimated from a knowledge of where the school is

**SCHNAME** Name of school

**TYPE:** Type of school - prim: primary offering all or some primary grades, sec: offers all or some secondary grades, comb: combined school offering both primary and secondary grades, other: vocational or tertiary institution

**LEARNERS:** number of pupils or students in 1996 Annual Education Census

**TEACHERS:** number of teachers in 1996 Annual Education Census

**phones.shp** - Rough positions of telephone lines copied off roads along which they run, as indicated by Mr Pritzen (Otjiwarongo Telecom office) on a faxed copy of a road map.

**power.shp** - Rough positions of electricity lines as supplied by Mr. Wagner of NamPower. Positions of lines copied off roads along which the lines run. Where lines

do not follow the roads their positions were estimated off maps shown to us by Mr. Wagner.

`roads.shp` - These roads and tracks were assembled from various sources, largely by the National Remote Sensing Centre (NRSC), and the NRSC's permission should be obtained to use the data. The data file (`roads.dbf`) gives a code roughly indicating the type of road (`RDTYPE`).