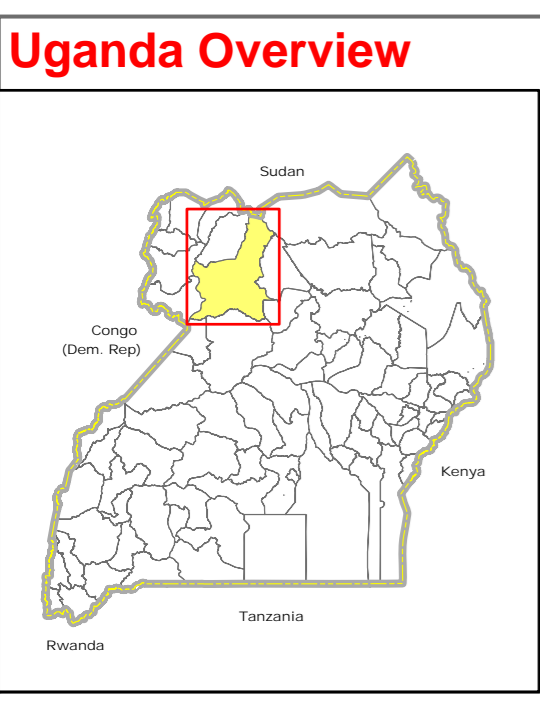


AMURU DISTRICT: WATER SOURCES BY SUB-COUNTY, ACCESSIBILITY, AND OPERATIONAL STATUS									
S/N	Sub-County	Pop 2009 Projection	*Populated Area (Sq.Km)	Water Accessibility		Water Points by Sub-County/Status			
				Area within 1km buffer	Area within 2km buffer	Functional	Not Functional	Unknown Status	Total Water Points
1	Alero	15,700	669.83	7.98%	26.28%	34	3	0	37
2	Amuru	34,500	461.87	14.97%	43.55%	57	8	2	67
3	Anaka	15,000	236.20	23.95%	53.22%	33	5	0	38
4	Atiak	32,200	1182.64	5.58%	14.88%	35	0	1	36
5	Koch Goma	10,200	1086.42	5.79%	16.20%	44	4	3	51
6	Lamogi	44,800	372.66	20.24%	43.85%	55	22	1	78
7	Pabbo	50,200	757.50	10.37%	29.87%	59	9	1	69
8	Purongo	7,900	389.43	14.53%	41.97%	26	5		31
<b>Mapped Water Points</b>				<b>10.06%</b>	<b>27.31%</b>	<b>343</b>	<b>56</b>	<b>8</b>	<b>407</b>
<b>Not Mapped Water Points (No GPS)</b>						<b>2</b>			<b>2</b>
<b>Amuru Total</b>		<b>210,500</b>	<b>5,156.54</b>			<b>345</b>	<b>56</b>	<b>8</b>	<b>409</b>

**Notes:**  
 1. Accessible area calculated based on Total Populated Area (i.e. excluded other area, such as water body, game reserve, range land, national park, etc).  
 2. Approximate ratio of accessible populated area within sub-county are derived by using GIS technique. 1km and 2km radius circle is equivalent to 3.14 and 12.57 sq.km area respectively (using formula  $A = \text{Pie} \cdot R^2$ ).

**Notes:**  
 1. Water source information presented in this map is totally based on available information received during Nov 2008 - Sep 2009 from District Water Offices and district partners. Therefore, water source coverage and operational status level change over time. For updated information, please contact directly to District Water Office in respective district.  
 2. Some 2 water points in Amuru are not mapped due to lack of GPS coordinates of the location. Please refer to table in the map for detailed information.  
 3. Approximate area falls inside 1km or 2km accessibility zones are treated as accessible & falls outside are treated as no accessible. Accessibility buffers and ratio of area access within buffers are derived only for operational water points.  
 4. Accessibility is based on aerial distance. Assumed that people travel most direct route in plain area.



**Legend**

- Village
- IDP Camp
- IDP Returnee Site
- National Boundary
- District Boundary
- Sub-County Boundary
- Parish Boundary

**Landuse Type**

- Forest Reserve
- Game Reserve
- National Park
- Rangeland
- Lakes/Water Body
- Motorable Road

**Water Source type**

- Boreholes (297 Nos.); Borehole
- Shallow Wells (40 Nos.); SW
- Protected Spring (61 Nos.); PS
- Unknown (11 Nos.)

**Water Operational Status**

- Functional (345 Nos.)
- Non Functional (56 Nos.)
- Unknown Status (8 Nos.)
- 2 km Access Buffers
- 1 km Access Buffers

**Pop Density (Pop/SqKm)**

- < 50
- 50 - 100
- 100 - 200
- 200 - 369

**Data Sources:**  
 Admin Boundaries - UBOS 2006  
 Road Network - FAO  
 Settlement/IDP Locations - Humanitarian Agencies  
 Thematic - Local Government, Amuru - Feb 2009

Please contact concerned department in Local Government in respective District directly for more information on thematic details.

Map Prepare: 02 Dec, 2009 (IMU/UNOCHA, Kampala)  
 File: UG-WASH-24\_A1\_02Dec09\_Amuru District Water Sources Operational Status, Population Density & Accessibility

This map is a work in progress. Please contact the IMU/Ocha as soon as possible with any corrections.

**Draft**

Map Disclaimer:  
 The boundaries and names shown and the designations used on this map do not imply official endorsement or acceptance by the United Nations.