



Notes:

1. Water source information presented in this map is based on available information received during Nov 2008 - Dec 2009 from District Water Offices and district partners (mainly IRC & FAO). Therefore, water source coverage and operational status level change over time. For updated information, please contact directly to District Water Office/partners in respective district.
2. Approximate area falls inside 1km or 2km accessibility zones are treated as accessible & falls outside are treated as not accessible. Accessibility buffers and ratio of area access within buffers are derived only for operational (functional) water points.
3. Accessibility is based on aerial distance. Assumed that people travel most direct route in plain area.

AMUDAT DISTRICT: WATER SOURCES BY SUB-COUNTY, ACCESSIBILITY, AND OPERATIONAL STATUS															
S/N	Sub-County	Pop 2010 Projection	*Populated Area (Sq.Km)	*Accessibility		Dec-09				Aug 2010					
				Area within 1km buffer	Area within 2km buffer	Functional	Not Functional	Unknown Status	Total Water Points	Area within 1km buffer	Area within 2km buffer	Functional	Not Functional	Unknown Status	Total Water Points
1	Amudat	31500	559.34	4.50%	13.49%	25	17		42	4.50%	13.49%	25	17		42
2	Karita	47300	687.84	5.94%	21.93%	20	14		34	5.94%	21.93%	20	14		34
3	Loroo	22300	368.70	6.82%	23.87%	12	11		23	6.82%	23.87%	12	11		23
Total		101,100	1615.88	5.64%	19.45%	57	42	0	99	5.64%	19.45%	57	42	0	99

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 $A = \text{Pie} \cdot R^2$).

* Nakapiripit Total 13.52% (within 1km) & 24.58% (within 2km) before Amudat District was created



Legend

Water Source Type	Operational Status	Boundary	Landuse Type
● Boreholes (87 Nos.)	■ Functional (57 Nos.)	▭ National Boundary	▨ Forest Reserve
⊙ Shallow well (6 Nos.)	■ Temp Down (27 Nos.)	▭ District Boundary	▨ Game Reserve
⊕ Tapstands (6 Nos.)	■ Non-functional (15 Nos.)	▭ Sub-County Boundary	▨ National Park
⊕ Protected Spring ()	■ Unknown ()	▭ Parish Boundary	▨ Rangeland
▲ Unknown/Others ()		▭ Motorable Road	▨ Lakes/Water Body
999 Projected Population 2010	○ 2 km Access Buffers	○ 1 km Access Buffers	

Data Sources:

- Admin Boundaries - UBOS 2006
- Landuse - UBOS 2006
- Demography - UBOS Projected Population
- Road Network - FAO, District Partners, UNOCHA
- Thematic - IRC/FAO/DWO/Partners, June - Nov 09 (Re-Verified with DWO as of Aug 2010)

Map Disclaimer:

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

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