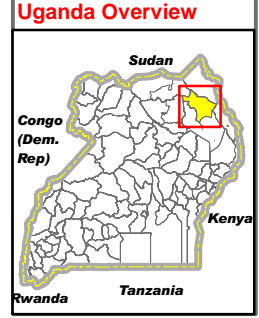


KOTIDO DISTRICT: WATER SOURCES BY SUB-COUNTY, ACCESSIBILITY, AND OPERATIONAL STATUS																
Sub-county	Total Pop (2010 Projection)	Area (Sq km)		Dec 2009						Aug 2010						
		Non-populated	Populated	Accessibility		Water Points' status			Accessibility		Water Points' status					
				Area within 1km Buffer	Area within 2km Buffer	Functional	Not Functional	Unknown	Total Water points	Area within 1km Buffer	Area within 2km Buffer	Functional	Not Functional	Seasonal	Total Water points	
KACHERI	24,100	834.09	577.62	14.15%	28.29%	42	16	1	59	4.30%	10.38%	28	10	38		
KOTIDO	42,000		579.96	15.17%	32.51%	50	28		78	11.74%	23.59%	40	18	67		
KOTIDO TC	21,500		22.64	100.00%	100.00%	40	13	1	54	91.28%	100.00%	29	7	40		
NAKAPELIMORU	24,300		417.55	13.55%	19.57%	47	23		70	8.56%	15.50%	28	13	65		
PANYANGARA	62,000		865.25	11.62%	17.44%	56	28		84	8.72%	15.89%	50	6	66		
RENGEN	30,700		403.43	27.27%	46.74%	68	23		91	19.30%	39.84%	35	20	69		
<b>Points within Kotido District Boundary</b>						<b>303</b>	<b>131</b>	<b>2</b>	<b>436</b>			<b>210</b>	<b>74</b>	<b>61</b>	<b>345</b>	
<b>Water points outside boundary</b>						<b>8</b>			<b>8</b>						<b>0</b>	
		<b>204,600</b>	<b>834</b>	<b>2,866.45</b>	<b>10.29%</b>	<b>30.20%</b>	<b>311</b>	<b>131</b>	<b>2</b>	<b>444</b>	<b>9.15%</b>	<b>18.08%</b>	<b>210</b>	<b>74</b>	<b>61</b>	<b>345</b>

Notes:  
 1. Accessible areal calculated based on total populated area (i.e excluding other area, such as water bodies, game reserve, range land, National parks, etc.)  
 2. Approximate ratio on accessible populated area within sub-county are derived by using GIS technique. 1 km and 2 km radius circle is equivalent to 3.14 and 12.57 sqkm area respectively (using formula  $A = \pi r^2$ )

**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.



### Legend

<b>Water Source Type</b>	<b>Operational Status</b>	<b>Boundary</b>	<b>Landuse Type</b>
▲ Valley Tank (7 Nos.)	■ Functional (210 Nos.)	▭ National Boundary	▨ Forest Reserve
● Boreholes (277 Nos.)	■ Non-functional (74 Nos.)	▭ District Boundary	▨ Game Reserve
★ water pond (61 Nos.)	■ Seasonal (61 Nos.)	▭ Sub-County Boundary	▨ National Park
		▭ Parish Boundary	▨ Rangeland
		▭ Motorable Road	▨ Lakes/Water Body
		○ 2 km Access Buffers	
		○ 1 km Access Buffers	

999 Projected Population 2010

**Data Sources:**  
 Admin Boundaries - UBOS 2010  
 Landuse - UBOS 2006  
 Demography - UBOS Projected Population  
 Road Network - FAO, District Partners, UNOCHA  
 Thematic - IRC/FAO/DWO/Partners, Aug - Nov 09  
 (Updates by 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.

**Draft**

Map Prepare: 07 Oct, 2010 (IMU/UNOCHA, Kampala)  
 File: UG-WASH-63\_A3\_07Oct2010\_Kotido District Water Sources by Operational Status & Accessibility.mxd (AM)