

# 9. Songwe/Lufira Cartchment



Malawi

## Key

- Town/City
- Lake Malawi
- River
- - - Fault
- - - Catchment Boundary
- Malawi Border

## Geogenic Groundwater Fluoride Zones

- ELEVATED GEOGENIC FLUORIDE** (>60% likelihood of fluoride exceeding \*1.5 mg/l & 0% lilelihood of fluoride exceeding \*\*4 mg/l)
- MODERATE-LOW GEOGENIC FLUORIDE** (10- 17% likelihood of fluoride exceeding \*1.5 mg/l & 0% lilelihood of fluoride exceeding \*\*4 mg/l)
- LOW GEOGENIC FLUORIDE** (<10% likelihood of fluoride exceeding \*1.5 mg/l & 0% lilelihood of fluoride exceeding \*\*4 mg/l)
- Insufficient Mineralogical or Water Quality Data to Determine Geogenic Fluoride Risk**

\*WHO standard limit for fluoride in drinking water  
\*\*Malawian proposed interim standard for fluoride in drinking water

## Summary Statistics

Geogenic Groundwater Fluoride Zones	No. of Water Points		No. of Users
	n	%	
*Excessive (Hot Springs)	0	0	0
*Elevated	75	3.7	17,525
Moderate-high	0	0	0
Moderate-low	1,747	85.2	251,478
Low	130	6.3	32,574
Insufficient Data	99	4.8	8,621

ALL water points are direct groundwater sources and are either functional or partly functional.  
No. of users calculation is based on the number of users per each individual water point.  
No. of users for hot springs based on average number of users per water point for district.  
\* Requires priority review and replacement water supply

