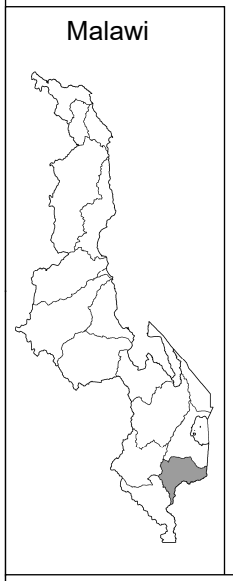
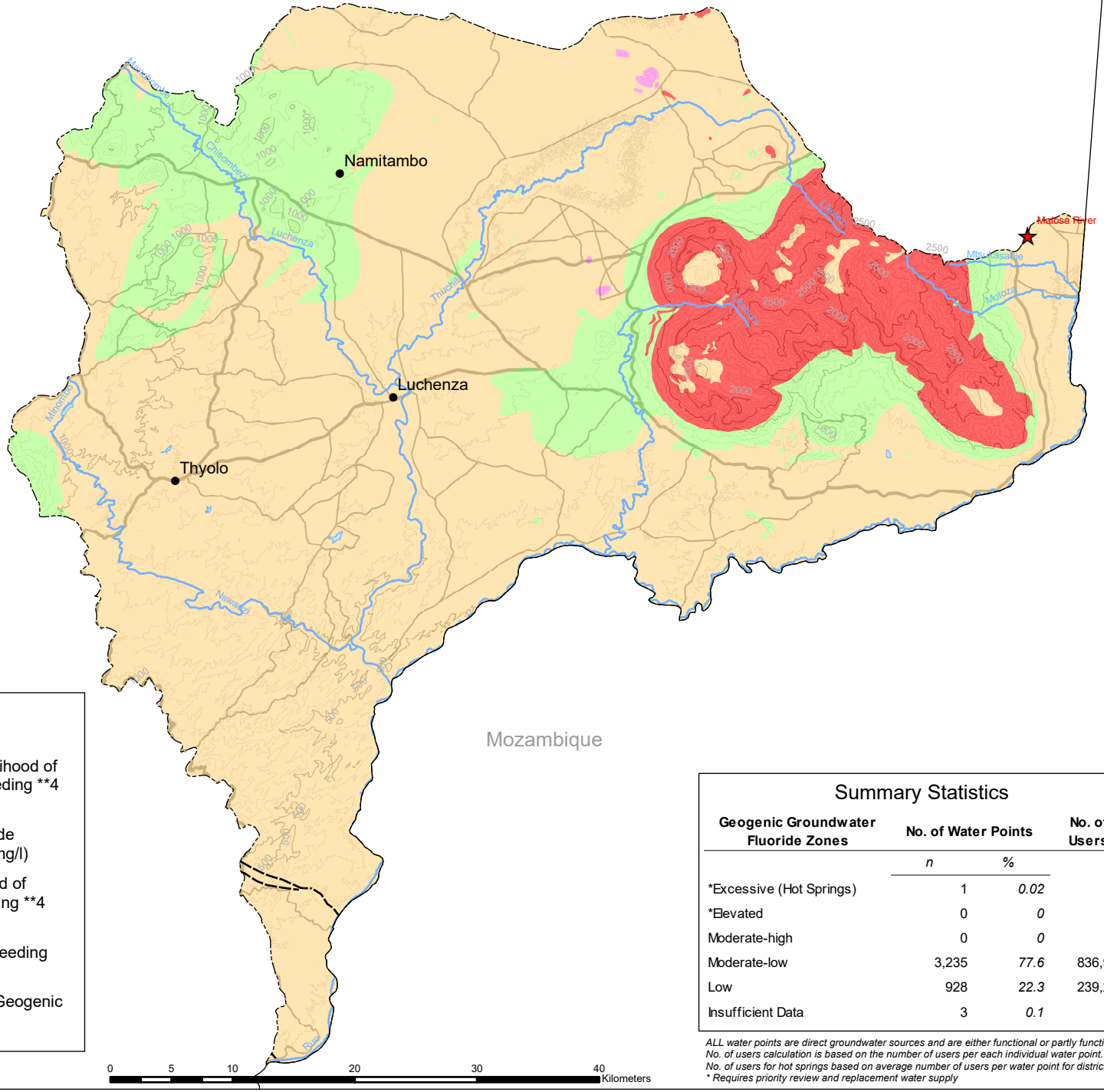
14. Ruo Catchment





Key

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

Geogenic Groundwater Fluoride Zones

- ★ EXCESSIVE GEOGENIC FLUORIDE - Hot Spring (100% likelihood of fluoride exceeding *1.5 mg/l & 75% likelihood of fluoride exceeding **4 mg/l)
- 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)	1	*0.02*	154
*Elevated	0	*0*	0
Moderate-high	0	*0*	0
Moderate-low	3,235	*77.6*	836,958
Low	928	*22.3*	239,268
Insufficient Data	3	*0.1*	110

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*