



Fluoride risk adapted from Addison et al., 2020a; 2020b; & 2020c; Hidden hot spring data adapted from Addison et al., 2021. Geological data digitised after Cannon, 1978; Wedmore et al., 2019. Other spatial data provided by Malawi Government.

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Geogenic Fluoride Risk in Groundwater

- Town, City
- ▭ Malawi Border
- ▭ Waterbody
- ▬ River
- ▬ Fault
- ★ EXCESSIVE FLUORIDE - Hot Spring (100% likelihood of fluoride exceeding 1.5 mg/l & 75% likelihood of fluoride exceeding 4 mg/l)
- ★ EXCESSIVE FLUORIDE - Hidden 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% likelihood of fluoride exceeding 4 mg/l)
- ★ MODERATE-LOW GEOGENIC FLUORIDE (10- 17% likelihood of fluoride exceeding 1.5 mg/l & 0% likelihood of fluoride exceeding 4 mg/l)
- ★ LOW GEOGENIC FLUORIDE (<10% likelihood of fluoride exceeding 1.5 mg/l & 0% likelihood of fluoride exceeding 4 mg/l)
- ★ Insufficient Mineralogical or Water Quality Data to Determine Geogenic Fluoride Risk

Notes

It is recommended that citation for this work is made as follows:

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