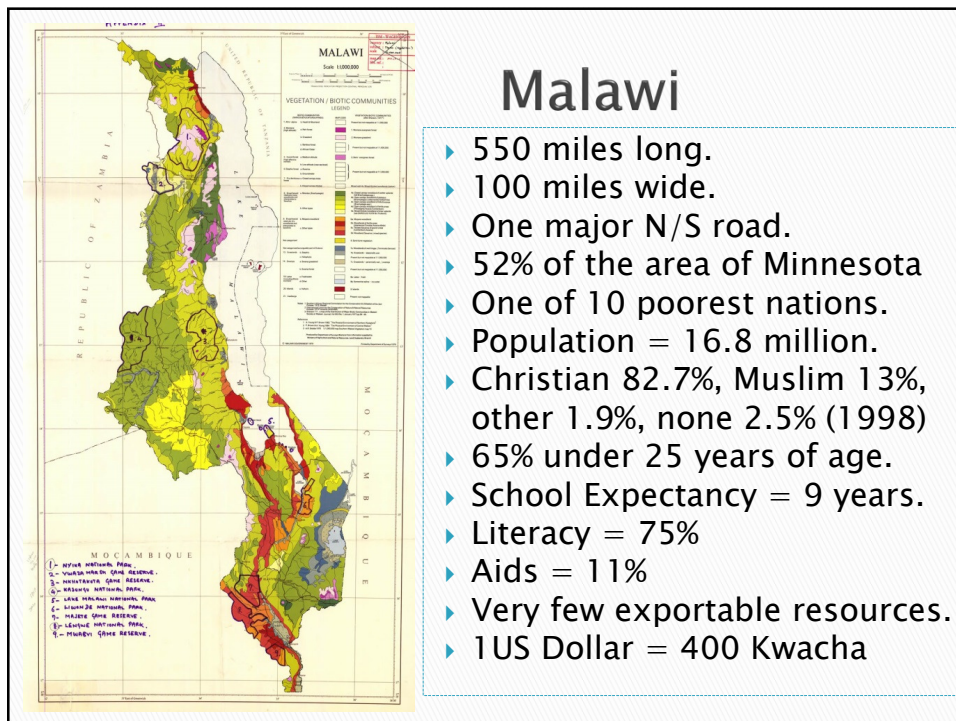


OUR VISIT TO MALAWI

FRED ZIMMERMAN



Malawi Can Be Beautiful



A land with lots of Children



People of Malawi

- ▶ Very friendly “The Warm Heart of Africa.”
- ▶ Eager to learn.
- ▶ Hard working.
- ▶ Family oriented.
- ▶ Quite religious.
- ▶ Improving educational levels.
- ▶ Few opportunities for employment.
- ▶ 90% of employment in agriculture.
- ▶ Average per capita income -- \$900 per year.

Mchezi Community – Google Earth



Mbalme (means bird) Village



Area around Mbalme School



Houses in Mbalme Village



A Flat Tire of the Way



Mothers welcoming instructors



The Classroom before



Beginnings of Mbalame School



A Few of the 19 member crew



Progress on the School



Progress on the School



A helpful older brother





Kids who love to be in pictures



Near the central primary school



Where we stayed





Joanell with our hostess - a great great grandmother



Another village along the way



▶ Our Host Family



Children in Northern Malawi



Common housing structure



Northern Malawi Classroom



Northern Malawi Classroom



What they said they needed



Formerly, a rich heavy forest



Welding class graduation



Welding class graduation



A Malawi workshop



Brigitte I and Brigitte II



Lake Malawi



President of Malawi arrives

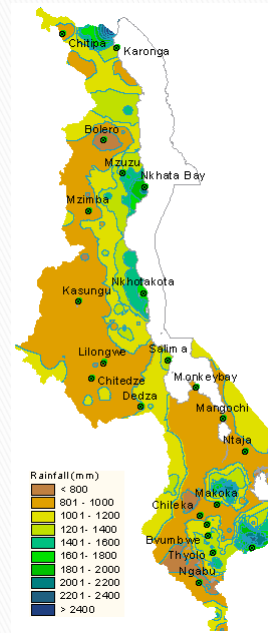


Electricity in Malawi

- ▶ 366.5 Megawatts of capacity – about the same as one plant in Oliver, North Dakota
- ▶ All hydroelectric generation – no oil, gas, nuclear, or wind.
- ▶ 99% of all generation is on the Shire River in southern part of country. Transmission lines are long.
- ▶ Country is 550 miles long.
- ▶ Power outages are frequent.

Climate in Malawi

- ▶ Varies from around 35” per year to 94”
- ▶ Nearly all rain from November to April.
- ▶ Virtually no rain from May through October.
- ▶ 15 degrees South of Equator.
- ▶ Humidity high much of year.
- ▶ Rapid deforestation may impact climate.



Some things Malawi needs

- ▶ More sources of electricity.
- ▶ Lower cost cement or other bonding material.
- ▶ Better bricks.
- ▶ Improved concrete preparation methods.
- ▶ More lower-cost fertilizer.
- ▶ More nutritious varieties of maize.
- ▶ More effective organizations.
- ▶ Aqueducts.
- ▶ Something besides tobacco as an export product.
- ▶ Tree replanting programs.
- ▶ Other systems and resources.

Thanks to all who have helped.

