

HEAT

DUCK HILL, MS

FUTURE PROJECTIONS

FUTURE HEAT PROJECTIONS:
INCREASE BETWEEN 2°F- 6°F BY 2100

RISKS

SOLUTIONS

HEALTH PROBLEMS

- Heat Stroke
- Increased vector-borne diseases (malaria, dengue, zika, ticks etc.)

PLANT MORE TREES

- Trees reduce local heat, provide cooling shade, and help clean local air

RESPIRATORY PROBLEMS

- Increased ground-level ozone (an air pollutant) that is harmful to human health
- Increased hospital admissions due to respiratory illnesses, emergency room visits for asthma, and lost school days is expected

REDUCE POLLUTION

- Reduce fireplace and wood stove use, avoid using gas-powered lawn and garden equipment.
- Avoid burning leaves, trash and other materials.
- Decrease usage of cars through car-pooling or biking.


INCREASED ENERGY USAGE

- Increased AC use
- Increased percentage of salary dedicated to cooling costs

GREEN INFRASTRUCTURE

- Cooler roof technologies (green, white, and reflective roofs)
- Solar panels

 How will increased HEAT affect Duck Hill Community?

 Any other solutions to help with increased HEAT in Duck Hill?