Station 2
Geographic Distribution of Vector-Borne Diseases

Graph #1 – Dengue Fever: Average Annual Number of Cases and Countries Reporting

1. How has dengue fever incidence changed since 1960? Discuss number of cases and number of countries reporting.

Map #1 – Emergence of Dengue Fever

2. Dengue fever incidence and distribution increased in some areas after 1960.
   • What climate factors do these areas have in common?
   • Brainstorm other factors that may have contributed to this change in distribution.

Map #2 – Climate Change and Malaria

3. Mosquitoes and malaria protozoans thrive in a specific climate.
   • What do the yellow and red areas represent?
   • Brainstorm some climate factors that could contribute to this future change in distribution.
Station 2: Graph #1
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Dengue Fever:
Average Annual Number of Cases and Countries Reporting

World Health Organization (WHO)
Station 2: Map #1
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Emergence of Dengue Fever

World Health Organization (WHO)
Station 2: Map #2
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Climate Change and Malaria

Current distribution, represents maximum extent of the distribution of the *falciparum* Malaria parasite. For 2050, areas within the current maximum extent has been excluded from the map.

The scenario is based on the high scenario from the HadCM2 experiment.


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http://www.grida.no/graphicslib/detail/climate-change-and-malaria-scenario-for-2050_bffe