

**Climatic factors influencing the incidence
of Dengue Haemorrhagic Fever in
southern Thailand**

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Khannita Kanchanapiroj, Don McNeil & Suwit
Thammapalo

The outcome for this study was Dengue
Haemorrhagic Fever (DHF) incidence and the
determinants considered were rainfall, rain days,
maximum & minimum temperature, and
humidity, all measured monthly from 1978 to
1997, in four southern Thai provinces (two on
the east and two on the west of the Malay
peninsula). After using Fourier analysis and
autoregressive modelling to remove the
confounding effect of seasonal patterns, some
statistically significant but slight associations
were found, suggesting that year-round climatic
factors do not independently affect DHF
incidence. Further studies are needed to confirm
these findings.