

Canadian Atmospheric Mercury Measurement Network (CAMNet)



4/30/2007



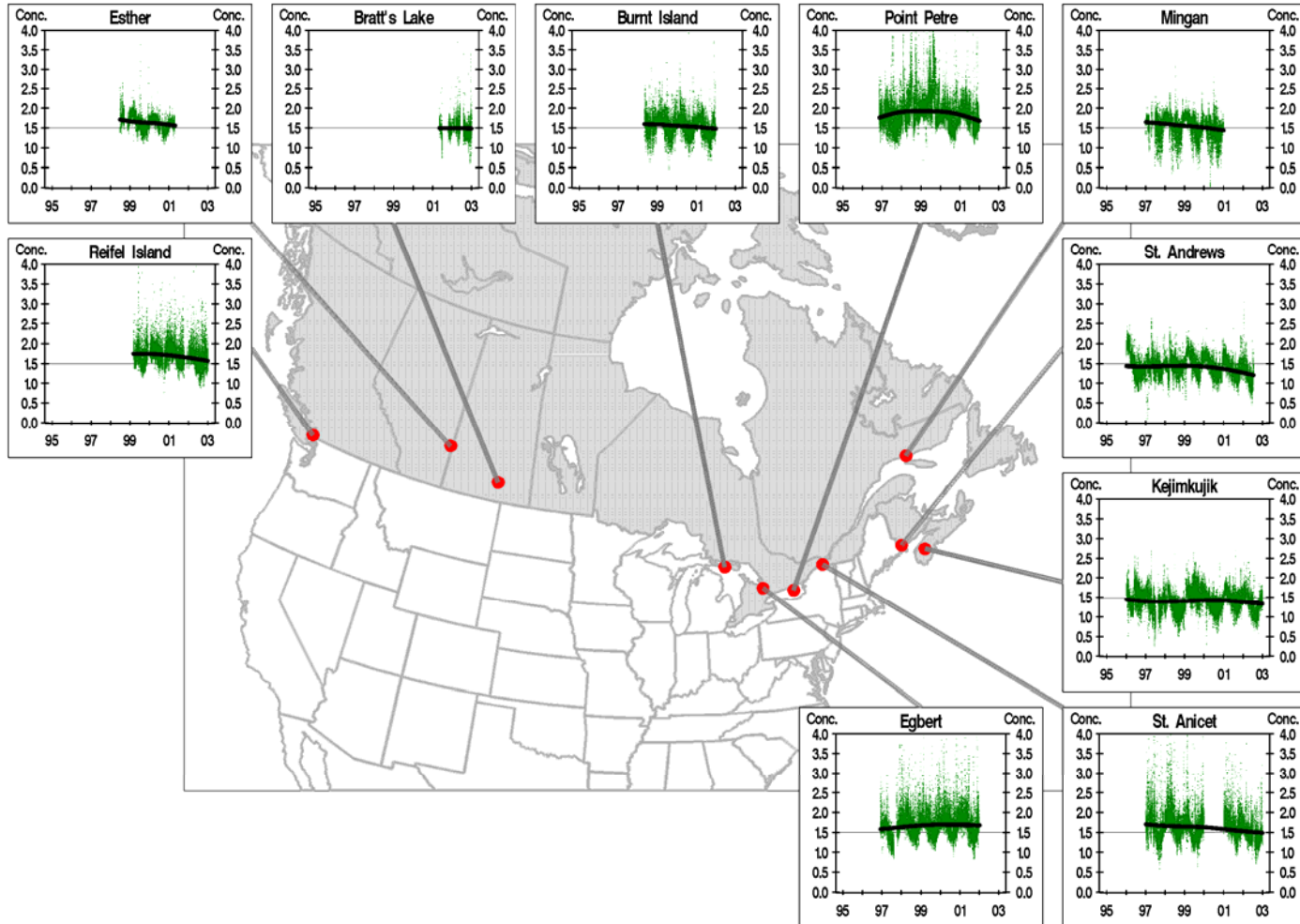
Environment Canada
Environnement Canada

Canada

CAMNet Results

CAMNet Total Gaseous Mercury [ng/m³]

HG—Gaseous ■

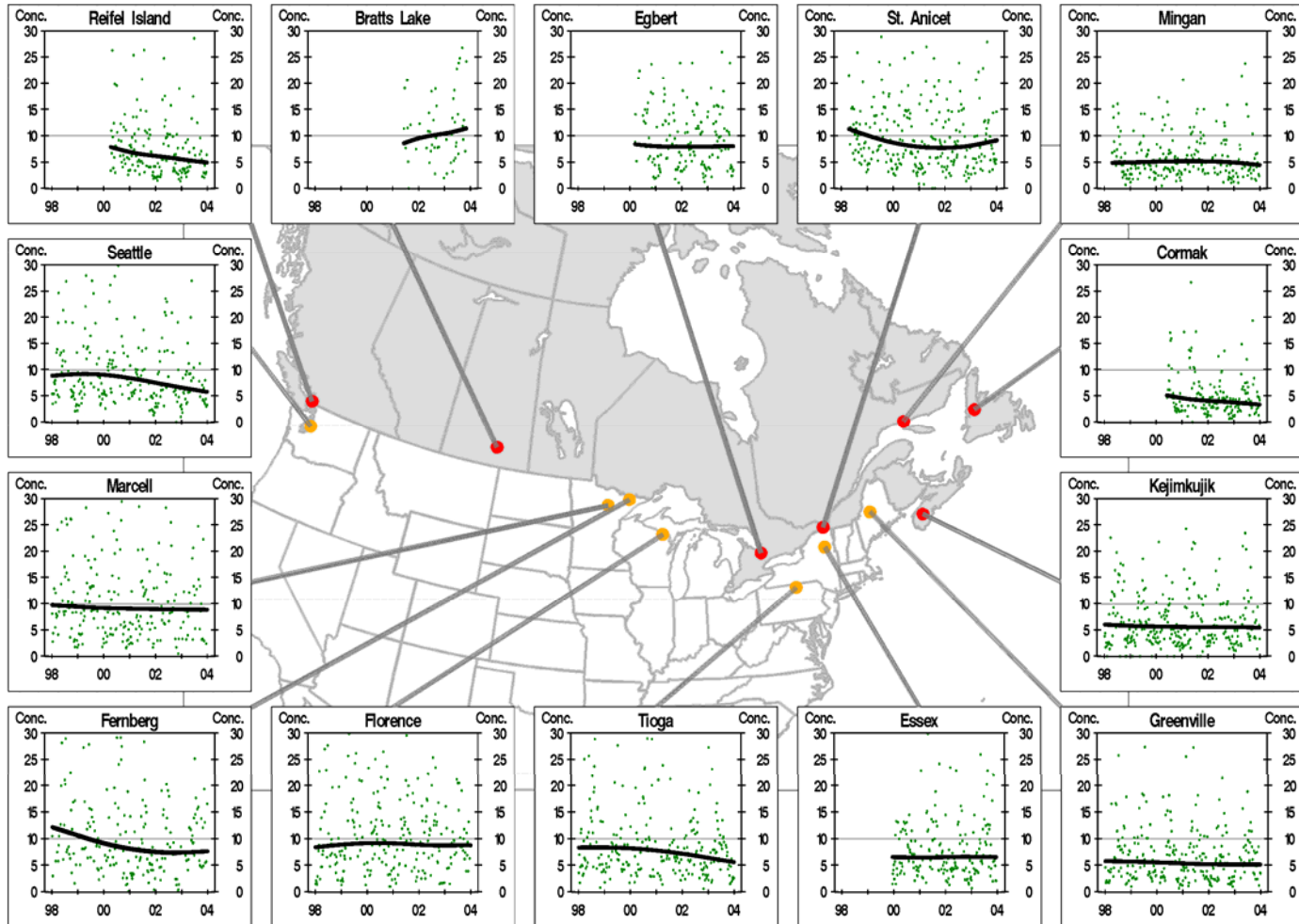


4/30/2007

Mercury Deposition Network Results

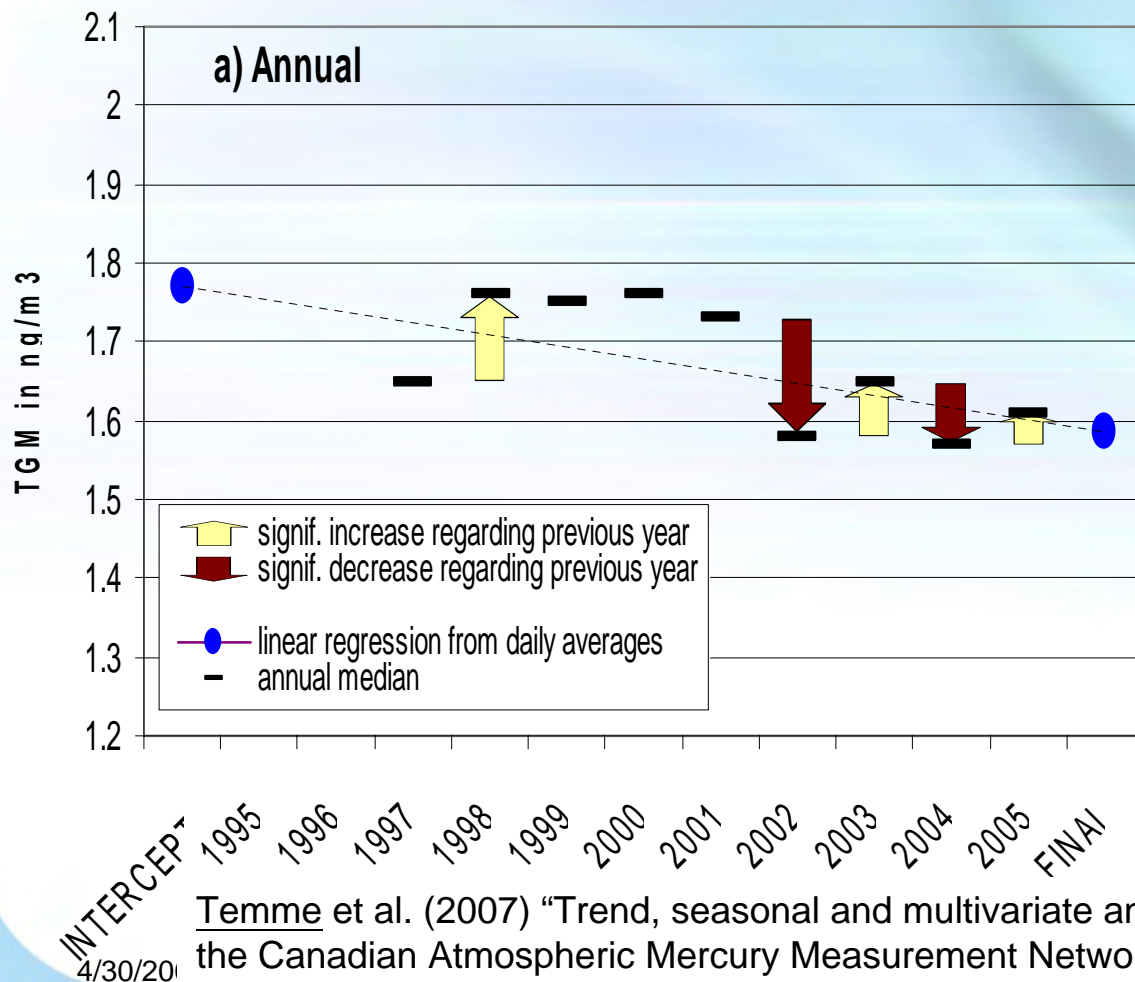
NADP/MDN Weekly Total Mercury Concentration in Precipitation
[ng/L]

HG—Conc ■



4/30/200

Urban Affected Sites Atmospheric Mercury Trend



- For the first time since continuous automated atmospheric mercury measurements were initiated in North America, we see a statistically significant decrease (~10%) of Canadian mercury air concentrations from 1997 to 2005.”

- Corresponds to decreasing trends of mercury in precipitation as observed by co-located MDN stations.

Temme et al. (2007) “Trend, seasonal and multivariate analysis of total gaseous mercury data from the Canadian Atmospheric Mercury Measurement Network (CAMNet)”. Atmos. Env., Accepted.

Need: Atmospheric Mercury Speciation

