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### LOCATION OF MAJOR SOURCES OF SO<sub>2</sub> EMISSIONS IN NORTH AMERICA AND PREVAILING WIND PATTERNS

- Areas having SO<sub>2</sub> emissions greater than 100,000 tonnes per year.
- Areas most sensitive to acid precipitation.
- ➔ Prevailing wind patterns.

This map clearly illustrates why Canada's efforts to control acid rain are concentrated in the seven eastern provinces, from Manitoba east. Most major Canadian sources of SO<sub>2</sub> emissions are located within this area, which is quite sensitive to acid precipitation. In addition, prevailing winds transport the pollution from the United States into these eastern portions of Canada.