

LIST OF FIGURES (continued)

<u>Figure Number</u>		<u>Page Number</u>
3-5	Relationship of observed stream concentrations of aluminum to the pH of surface water.	3-14
3-6	Schematic representation of the hydrogen ion cycle.	3-18
3-7	Percent of ionic composition of precipitation for the Hubbard Brook Experimental Forest during 1964 to 1977.	3-20
3-8	Hydrogen ion budget for Hubbard Brook Experimental Forest.	3-23
3-9	Potential of soils and bedrock to reduce the acidity of incoming atmospheric deposition for eastern Canada.	See map folio
3-10	Potential of soils and bedrock to reduce the acidity of incoming atmospheric deposition for eastern United States.	See map folio
3-11	Total concentration of calcium plus magnesium with respect to alkalinity for lakes in Canada.	3-48
3-12	$[\text{Ca}^{2+} + \text{Mg}^{2+} - \text{alkalinity}]$ vs. $[\text{SO}_4^{2-}]$ for lakes in Canada.	3-49
3-13	Hydrographic Regions of Quebec.	3-51
3-14	Sulphate versus [calcium + magnesium - alkalinity] for lakes on the Precambrian Shield in Quebec.	3-52
3-15	Mean and range of sulphate concentrations in Canadian lakes.	3-53
3-16	Mean and range of basin specific yield of excess sulphate compared with atmospheric excess sulphate deposition in precipitation.	3-56
3-17	Areal distribution of sulphate concentrations in Quebec lakes, summer 1980.	3-57
3-18	Relationship between alkalinity and calcium + magnesium for northern Saskatchewan lakes.	3-60