

TABLE A2-2 CANADIAN DEPOSITION MONITORING NETWORKS (Cont.)

| Network | Measured Parameters | Data Storage System | Data Storage Format | Contact | Comments |
|---|---|---|-------------------------------------|--|---|
| Acidic Precipitation In Ontario Study-Event Wet/Dry Deposition Network (APOS) | precipitation: pH (Field) pH (Lab) Acidity SO_4^{2-} , NO_3^- , Cl^- , NH_4^+ , Na^+ , K^+ , Ca^{++} , Mg^{++} air: SO_2 , SO_4^{2-} , NO_3^- | Ministry of the Environment Sample Information System (SIS) o IBM 370 Downsview, Ontario | EBCDIC (TAPE) | W. H. Chan Ontario Ministry of the Environment Air Resources Branch 880 Bay Street Toronto, Ontario M5S 1Z8 (416-965-1634) | o QA program, both field and lab o rejection of outliers (based on statistical analysis and inspection of sample chemical composition) o met. and additional air quality data data at some sites |
| Acidic Precipitation In Ontario Study Limnology and Toxicity Unit Network | pH (Field) Conductivity, Alkalinity SO_4^{2-} , NO_3^- , Cl^- , NH_4^+ , Na^+ , K^+ , Ca^{++} , Mg^{++} , Cu, Ni, Fe, Zn, Mn, Al, Cd, Pb, TKN, TP, Si, DIC, DOC | Ministry of the Environment Sample Information System (SIS) o IBM 370 Downsview, Ontario | EBCDIC (TAPE) | W. Schelder Ontario Ministry of the Environment Water Resources Branch Resources Road Rexdale, Ontario (416-248-3058) | o some bulk precipitation stations o lab, and some field, Q.C. o met. and air quality data at some sites o several changes in methodology since start of operations o data rejection based on bad outliers and poor ionic balance |
| Nanticoke Environmental Management Program (NEMP) | pH (Lab) Acidity, Conductivity SO_4^{2-} , N-NO_3^- , Cl^- , N-NH_4^+ , Ca^{++} , K^+ , Na^+ , Mg^{++} , N-TKN , TP, Pb, Ni, Fe, Cu, Zn, Al, Cd, Mn, V | Ministry of the Environment Sample Information System (SIS) o IBM 370 Downsview, Ontario | EBCDIC (TAPE) | M. Lusis Ontario Ministry of the Environment, Air Res. Br. 880 Bay Street Toronto, Ontario M5S 1Z8 (416-965-1634) | o source-oriented network o QA program, both field and lab |
| Ontario Hydro Atikokan Air Quality Monitoring Network | pH (Lab) Acidity SO_4^{2-} , NO_3^- , Cl^- , NH_4^+ , K^+ , Ca^{++} , Na^+ , Mg^{++} (Trace metals may be added) | Hardcopy from Ontario Hydro (Also on Ontario Ministry of the Environment APOS Data Base) | | A. Hoffer Env. Stud. & Assess. Dept. Design & Development Div. Ontario Hydro 700 University Avenue Toronto, Ontario (416-592-6308) | o source-oriented network o QA program, both field and lab o met. data at one site |
| Ontario Hydro Air and Precipitation Network | precipitation: pH (Lab) SO_4^{2-} , NO_3^- , Cl^- , NH_4^+ , Ca^{++} , Mg^{++} , K^+ , Na^+ Acidity, Conductivity air: SO_2 , SO_4^{2-} , NO_3^- , HNO_3 | Univac 1182 Ontario Hydro 700 University Avenue Toronto | EBCDIC (TAPE) or ASCII (TAPE) | O. Melo Ontario Hydro Research Division 800 Kipling Avenue Toronto, Ontario (416-231-4111) | o lab QC program o air particulates now measured using dichotomous samplers o many changes in methodology since network inception o data rejection based on outliers and ionic balance |