

# National Air Pollution Surveillance

# Surveillance nationale de la pollution atmosphérique

Monthly Summary

Extrait mensuel

Report EPS 7/AP/8-86  
August 1986

Rapport SPE 7/AP/8-86  
Août 1986

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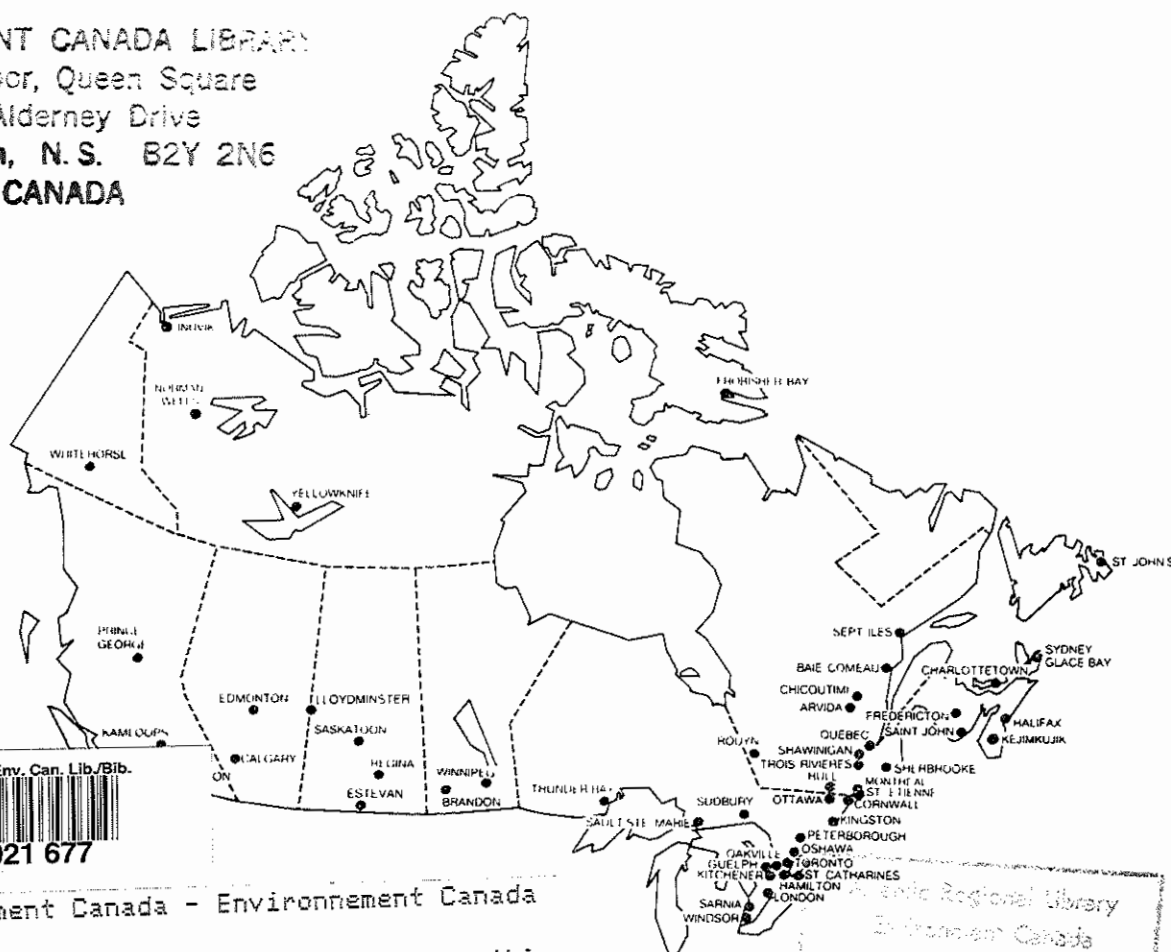
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SULPHUR DIOXIDE  
PARTS PER HUNDRED MILLIONAUGUST - AOÛT  
1986DIOXYDE DE SOUFRE  
PARTIES PAR CENT MILLIONS

| STATION | LOCATION<br>EMPLACEMENT                     | NUMBER OF<br>HOURLY SAMPLES<br>NOMBRE DE<br>DONNEES HORAIRES | MONTHLY<br>MEAN<br>MOYENNE<br>MENSUELLE | FREQUENCY DISTRIBUTIONS - CENTILES - DISTRIBUTIONS DES FREQUENCES |    |                |     | MEANS ---- MOYENNES |    |    |     |
|---------|---------------------------------------------|--------------------------------------------------------------|-----------------------------------------|-------------------------------------------------------------------|----|----------------|-----|---------------------|----|----|-----|
|         |                                             |                                                              |                                         | INTERVALS - INTERVALLES                                           |    | 1-HOUR / HEURE |     | 24-HOUR / HEURES    |    |    |     |
|         |                                             |                                                              |                                         | 70                                                                | 95 | 99             | MAX | 70                  | 95 | 99 | MAX |
| 10101C  | ST. JOHN'S, NFLD.<br>DUCKWORTH & ORDINANCE  | 0                                                            | ---                                     | -                                                                 | -  | -              | -   | -                   | -  | -  | -   |
| 20101C  | CHARLOTTETOWN, P.E.I.<br>56 FITZROY ST.     | 710                                                          | 0.1                                     | 0                                                                 | 0  | 1              | 1   | 0                   | 0  | 0  | 0   |
| 30114R  | HALIFAX, N.S.<br>MT ST VINCENT UNIVERSITY   | 0                                                            | ---                                     | -                                                                 | -  | -              | -   | -                   | -  | -  | -   |
| 30115I  | CFB SHEARWATER                              | 675                                                          | 0.3                                     | 0                                                                 | 2  | 4              | 5   | 0                   | 1  | 2  | 3   |
| 30116C  | BARRINGTON & DUKE                           | 0                                                            | ---                                     | -                                                                 | -  | -              | -   | -                   | -  | -  | -   |
| 30117C  | BEDFORD ROW POST OFFICE                     | 743                                                          | 0.6                                     | 1                                                                 | 2  | 4              | 12  | 1                   | 1  | 2  | 2   |
| 30310C  | SYDNEY, N.S.<br>COUNTY JAIL                 | 707                                                          | 0.0                                     | 0                                                                 | 0  | 1              | 6   | 0                   | 0  | 1  | 1   |
| 30311R  | WHITNEY PIER FIRE STN.                      | 743                                                          | 0.0                                     | 0                                                                 | 0  | 1              | 4   | 0                   | 0  | 1  | 1   |
| 30409R  | GLACE BAY, N.S.<br>SOUTH STREET             | 0                                                            | ---                                     | -                                                                 | -  | -              | -   | -                   | -  | -  | -   |
| 40202C  | SAINT JOHN, N.B.<br>POST OFFICE             | 743                                                          | 0.3                                     | 0                                                                 | 1  | 2              | 3   | 0                   | 1  | 1  | 1   |
| 50102R  | MONTREAL, QUEBEC<br>JARDIN BOTANIQUE        | 743                                                          | 0.1                                     | 0                                                                 | 1  | 3              | 5   | 0                   | 1  | 2  | 3   |
| 50103R  | POINTE-AUX-TREMBLES                         | 727                                                          | 0.9                                     | 1                                                                 | 5  | 7              | 11  | 1                   | 3  | 3  | 4   |
| 50104C  | 1125 ONTARIO EST                            | 0                                                            | ---                                     | -                                                                 | -  | -              | -   | -                   | -  | -  | -   |
| 50109C  | DUNCAN & DECARIE                            | 0                                                            | ---                                     | -                                                                 | -  | -              | -   | -                   | -  | -  | -   |
| 50110C  | PARC PILON, MTL.-NORD                       | 720                                                          | 0.0                                     | 0                                                                 | 0  | 1              | 3   | 0                   | 0  | 1  | 1   |
| 50112C  | BOUL. LAURENTIDES                           | 0                                                            | ---                                     | -                                                                 | -  | -              | -   | -                   | -  | -  | -   |
| 50113R  | PIE X & CARDINAL                            | 0                                                            | ---                                     | -                                                                 | -  | -              | -   | -                   | -  | -  | -   |
| 50115C  | 1001 BOUL MAISONNEUVE O.                    | 744                                                          | 0.5                                     | 1                                                                 | 2  | 2              | 3   | 1                   | 1  | 1  | 2   |
| 50116R  | 3161 JOSEPH, VERDUN                         | 678                                                          | 0.3                                     | 0                                                                 | 1  | 7              | 7   | 0                   | 1  | 4  | 5   |
| 50117R  | 7405 CHAMPAGNEUR                            | 0                                                            | ---                                     | -                                                                 | -  | -              | -   | -                   | -  | -  | -   |
| 50118R  | 820 ST. GERMAIN                             | 732                                                          | 0.1                                     | 0                                                                 | 1  | 2              | 2   | 0                   | 1  | 1  | 1   |
| 50119R  | 699 CURE POIRIER                            | 0                                                            | ---                                     | -                                                                 | -  | -              | -   | -                   | -  | -  | -   |
| 50203R  | HULL, QUEBEC<br>GAMBLIN & JOFFRE            | 673                                                          | 0.2                                     | 0                                                                 | 1  | 1              | 2   | 0                   | 1  | 1  | 1   |
| 50303I  | QUEBEC, QUEBEC<br>CENTRE LOISIRS LIMOILLOU  | 0                                                            | ---                                     | -                                                                 | -  | -              | -   | -                   | -  | -  | -   |
| 50306R  | 2026 BLVD. ST-CYRILLE                       | 0                                                            | ---                                     | -                                                                 | -  | -              | -   | -                   | -  | -  | -   |
| 50307C  | PARC CARTIER BREBOEUF                       | 0                                                            | ---                                     | -                                                                 | -  | -              | -   | -                   | -  | -  | -   |
| 50601C  | ROUYN, QUEBEC<br>HOTEL DE VILLE             | 0                                                            | ---                                     | -                                                                 | -  | -              | -   | -                   | -  | -  | -   |
| 50801R  | TROIS-RIVIERES, QUEBEC<br>HART & STE-CECILE | 0                                                            | ---                                     | -                                                                 | -  | -              | -   | -                   | -  | -  | -   |
| 50901R  | ARVIDA, QUEBEC<br>POWELL & HOOPES           | 0                                                            | ---                                     | -                                                                 | -  | -              | -   | -                   | -  | -  | -   |
| 51201I  | SHAWINIGAN, QUEBEC<br>FRIGON & LAVAL        | 0                                                            | ---                                     | -                                                                 | -  | -              | -   | -                   | -  | -  | -   |
| 51301R  | BAIE COMEAU, QUEBEC<br>39 AVE. MARGUETTE    | 0                                                            | ---                                     | -                                                                 | -  | -              | -   | -                   | -  | -  | -   |
| 60101C  | OTTAWA, ONT.<br>88 SLATER ST.               | 626                                                          | 0.4                                     | 1                                                                 | 1  | 2              | 5   | 1                   | 1  | 1  | 1   |
| 60104C  | RIDEAU & WURTEMBERG                         | 701                                                          | 0.0                                     | 0                                                                 | 0  | 1              | 2   | 0                   | 0  | 0  | 0   |
| 60204C  | WINDSOR, ONT.<br>471 UNIVERSITY AVENUE      | 711                                                          | 0.3                                     | 0                                                                 | 2  | 3              | 5   | 0                   | 1  | 1  | 1   |
| 60211R  | COLLEGE & PRINCE                            | 698                                                          | 0.2                                     | 0                                                                 | 1  | 2              | 4   | 0                   | 1  | 1  | 1   |
| 60212I  | WATER & WRIGHT AVE.                         | 707                                                          | 0.6                                     | 1                                                                 | 3  | 4              | 8   | 1                   | 2  | 2  | 2   |
| 60402R  | TORONTO, ONT.<br>DON MILLS, SCIENCE CNTR    | 0                                                            | ---                                     | -                                                                 | -  | -              | -   | -                   | -  | -  | -   |
| 60403I  | EVANS & ARNOLD                              | 651                                                          | 0.3                                     | 0                                                                 | 1  | 2              | 7   | 0                   | 1  | 1  | 1   |
| 60409R  | REDLANDS CRESCENT                           | 0                                                            | ---                                     | -                                                                 | -  | -              | -   | -                   | -  | -  | -   |
| 60410R  | LAWRENCE & KENNEDY                          | 707                                                          | 0.1                                     | 0                                                                 | 1  | 1              | 3   | 0                   | 0  | 1  | 1   |
| 60413R  | ELMCREST ROAD                               | 735                                                          | 0.4                                     | 1                                                                 | 1  | 2              | 3   | 1                   | 1  | 1  | 2   |
| 60415R  | QUEENSWAY W & HURONTARIO                    | 734                                                          | 0.4                                     | 1                                                                 | 1  | 2              | 3   | 1                   | 1  | 1  | 1   |
| 60417C  | 26 BREADALBANE STREET                       | 710                                                          | 0.2                                     | 0                                                                 | 1  | 3              | 7   | 0                   | 1  | 2  | 2   |
| 60501C  | HAMILTON, ONT.<br>BARTON & SANFORD          | 713                                                          | 0.4                                     | 0                                                                 | 3  | 5              | 8   | 1                   | 2  | 2  | 2   |
| 60511R  | 467 BEACH BLVD.                             | 705                                                          | 0.6                                     | 0                                                                 | 4  | 6              | 8   | 1                   | 2  | 3  | 3   |
| 60602R  | SUDBURY, ONT.<br>ASH STREET                 | 378                                                          | 1.2                                     | 0                                                                 | 6  | 18             | 35  | 2                   | 4  | 4  | 5   |
| 60606C  | KENNEDY STREET                              | 380                                                          | 1.3                                     | 0                                                                 | 6  | 26             | 35  | 2                   | 5  | 6  | 6   |

--- INSUFFICIENT DATA FOR CALCULATION OF A VALID MEAN.  
IL N'Y A PAS ASSEZ DE DONNEES POUR CALCULER UNE MOYENNE VALABLE.

SULPHUR DIOXIDE  
PARTS PER HUNDRED MILLIONAUGUST - AOÛT  
1986DIOXYDE DE SOUFRE  
PARTIES PAR CENT MILLIONS

| STATION | LOCATION<br>EMPLACEMENT                        | NUMBER OF<br>HOURLY SAMPLES<br>NOMBRE DE<br>DONNÉES HORAIRES | MONTHLY<br>MEAN<br>MOYENNE<br>MENSUELLE | FREQUENCY DISTRIBUTIONS - CENTILES - DISTRIBUTIONS DES FREQUENCES |    |    |     | MEANS - MOYENNES |    |    |     |
|---------|------------------------------------------------|--------------------------------------------------------------|-----------------------------------------|-------------------------------------------------------------------|----|----|-----|------------------|----|----|-----|
|         |                                                |                                                              |                                         | INTERVALS - INTERVALLES                                           |    |    |     | 24-HOUR / HEURES |    |    |     |
|         |                                                |                                                              |                                         | 70                                                                | 95 | 99 | MAX | 70               | 95 | 99 | MAX |
| 60706I  | SAULT STE. MARIE, ONT.<br>FARWELL PUMP HOUSE   | 737                                                          | 0.4                                     | 1                                                                 | 2  | 3  | 4   | 1                | 1  | 2  | 2   |
| 60806R  | THUNDER BAY, ONT.<br>435 JAMES S.              | 714                                                          | 0.0                                     | 0                                                                 | 0  | 1  | 1   | 0                | 0  | 0  | 0   |
| 60901C  | LONDON, ONT.<br>KING & RECTORY                 | 682                                                          | 0.1                                     | 0                                                                 | 1  | 1  | 3   | 0                | 0  | 1  | 1   |
| 61004R  | SARNIA, ONT.<br>FRONT ST. AT C.N. TRACKS       | 670                                                          | 0.4                                     | 0                                                                 | 2  | 6  | 11  | 0                | 1  | 3  | 3   |
| 61103C  | PETERBOROUGH, ONT.<br>500 GEORGE STREET        | 742                                                          | 0.0                                     | 0                                                                 | 0  | 1  | 1   | 0                | 0  | 0  | 0   |
| 61201R  | CORNWALL, ONT.<br>MEMORIAL PARK                | 437                                                          | 0.6                                     | 1                                                                 | 3  | 5  | 7   | 1                | 2  | 2  | 2   |
| 61301C  | ST. CATHARINES, ONT.<br>NORTH ST. & GENEVA ST. | 687                                                          | 0.4                                     | 1                                                                 | 2  | 3  | 6   | 1                | 1  | 1  | 1   |
| 61501C  | KITCHENER, ONT.<br>EDNA & FREDERICK            | 607                                                          | 0.3                                     | 1                                                                 | 1  | 2  | 2   | 1                | 1  | 1  | 1   |
| 61602R  | OAKVILLE, ONT.<br>BRONTE AND WOBURN CRES.      | 712                                                          | 0.2                                     | 0                                                                 | 1  | 2  | 9   | 0                | 1  | 1  | 1   |
| 61701R  | OSHAWA, ONT.<br>RITSON RD. & OLIVE AVE.        | 681                                                          | 0.1                                     | 0                                                                 | 0  | 1  | 7   | 0                | 0  | 0  | 0   |
| 61802R  | GUELPH, ONT.<br>EXHIBITION PARK                | 609                                                          | 0.1                                     | 0                                                                 | 1  | 1  | 2   | 0                | 0  | 1  | 1   |
| 70118R  | WINNIPEG, MAN.<br>JEFFERSON & SCOTIA           | 698                                                          | 0.0                                     | 0                                                                 | 0  | 0  | 2   | 0                | 0  | 0  | 0   |
| 70119C  | 65 ELLEN STREET                                | 679                                                          | 0.0                                     | 0                                                                 | 0  | 0  | 4   | 0                | 0  | 0  | 0   |
| 80109C  | REGINA, SASK.<br>1620 ALBERT STREET            | 0                                                            | ---                                     | -                                                                 | -  | -  | -   | -                | -  | -  | -   |
| 80110C  | 2505 11TH AVENUE                               | 0                                                            | ---                                     | -                                                                 | -  | -  | -   | -                | -  | -  | -   |
| 80209C  | SASKATOON, SASK.<br>IDYLLWYLD DR. & 33RD ST.   | 79                                                           | ---                                     | 0                                                                 | 0  | 0  | 0   | 0                | 0  | 0  | 0   |
| 80501C  | ESTEVAN, SASK.<br>1 ST. & 14TH AVE.            | 741                                                          | 0.0                                     | 0                                                                 | 0  | 0  | 1   | 0                | 0  | 0  | 0   |
| 80601C  | LLOYDMINSTER, SASK.<br>44TH ST. & 48TH AVE.    | 735                                                          | 0.0                                     | 0                                                                 | 0  | 0  | 0   | 0                | 0  | 0  | 0   |
| 90121I  | EDMONTON, ALTA.<br>17 STREET & 105 AVENUE      | 718                                                          | 0.4                                     | 0                                                                 | 1  | 2  | 3   | 1                | 1  | 1  | 1   |
| 90218I  | CALGARY, ALTA.<br>BONNY BRK & 18A ST. S.E.     | 739                                                          | 0.5                                     | 1                                                                 | 1  | 2  | 3   | 1                | 1  | 1  | 1   |
| 00106R  | VANCOUVER, B.C.<br>2294 WEST 10TH AVENUE       | 0                                                            | ---                                     | -                                                                 | -  | -  | -   | -                | -  | -  | -   |
| 00110R  | E. HASTINGS & KENSINGTON                       | 695                                                          | 0.7                                     | 1                                                                 | 2  | 4  | 5   | 1                | 1  | 1  | 1   |
| 00111I  | ROCKY PT. PARK                                 | 608                                                          | 0.5                                     | 1                                                                 | 2  | 2  | 4   | 1                | 1  | 1  | 1   |
| 00112C  | ROBSON/HORNEY                                  | 727                                                          | 0.7                                     | 1                                                                 | 2  | 3  | 4   | 1                | 1  | 2  | 2   |
| 00303C  | VICTORIA, B.C.<br>1250 QUADRA ST.              | 710                                                          | 0.3                                     | 1                                                                 | 1  | 2  | 3   | 0                | 1  | 1  | 1   |
| 00401C  | KAMLOOPS, B.C.<br>301 SEYMOUR ST.              | 705                                                          | 0.0                                     | 0                                                                 | 1  | 1  | 1   | 0                | 0  | 0  | 0   |

--- INSUFFICIENT DATA FOR CALCULATION OF A VALID MEAN.  
IL N'Y A PAS ASSEZ DE DONNÉES POUR CALCULER UNE MOYENNE VALABLE.

CARBON MONOXIDE  
PARTS PER MILLIONAUGUST - AOÛT  
1986MONOXYDE DE CARBONE  
PARTIES PAR MILLION

| STATION | LOCATION<br>EMPLACEMENT                        | NUMBER OF<br>HOURLY SAMPLES<br>NOMBRE DE<br>DONNEES HORAIRES | MONTHLY<br>MEAN<br>MOYENNE<br>MENSUELLE | FREQUENCY DISTRIBUTIONS - CENTILES - DISTRIBUTIONS DES FREQUENCES |    |                |     | MEANS - MOYENNES |    |                  |     | MEANS - MOYENNES |    |    |     |
|---------|------------------------------------------------|--------------------------------------------------------------|-----------------------------------------|-------------------------------------------------------------------|----|----------------|-----|------------------|----|------------------|-----|------------------|----|----|-----|
|         |                                                |                                                              |                                         | INTERVALS - INTERVALLES                                           |    | 1-HOUR / HEURE |     | 8-HOUR / HEURES  |    | 24-HOUR / HEURES |     | 70               |    | 70 |     |
|         |                                                |                                                              |                                         | 70                                                                | 95 | 99             | MAX | 70               | 95 | 99               | MAX | 70               | 95 | 99 | MAX |
| 10101C  | ST. JOHN'S, Nfld.<br>DUCKWORTH & ORDINANCE     | 126                                                          | ---                                     | 1                                                                 | 1  | 1              | 2   | 1                | 1  | 1                | 1   | 1                | 1  | 1  | 1   |
| 30116C  | HALIFAX, N.S.<br>BARRINGTON & DUKE             | 0                                                            | ---                                     | -                                                                 | -  | -              | -   | -                | -  | -                | -   | -                | -  | -  | -   |
| 30117C  | BEDFORD ROW POST OFFICE                        | 744                                                          | 0.8                                     | 1                                                                 | 2  | 2              | 3   | 1                | 1  | 2                | 2   | 1                | 1  | 1  | 1   |
| 40202C  | SAINT JOHN, N.B.<br>POST OFFICE                | 302                                                          | ---                                     | 1                                                                 | 1  | 2              | 4   | 1                | 1  | 1                | 1   | 1                | 1  | 1  | 1   |
| 50102R  | MONTREAL, QUEBEC<br>JARDIN BOTANIQUE           | 743                                                          | ***                                     | 0                                                                 | 1  | 2              | 3   | 0                | 1  | 1                | 2   | 0                | 1  | 1  | 1   |
| 50103R  | POINTE-AUX-TREMBLES                            | 729                                                          | ***                                     | 0                                                                 | 1  | 2              | 3   | 0                | 1  | 1                | 2   | 0                | 1  | 1  | 1   |
| 50104C  | 1125 ONTARIO EST                               | 0                                                            | ---                                     | -                                                                 | -  | -              | -   | -                | -  | -                | -   | -                | -  | -  | -   |
| 50109C  | DUNCAN & DECARIE                               | 0                                                            | ---                                     | -                                                                 | -  | -              | -   | -                | -  | -                | -   | -                | -  | -  | -   |
| 50110C  | PARC PILON, MTL.-NORD                          | 0                                                            | ---                                     | -                                                                 | -  | -              | -   | -                | -  | -                | -   | -                | -  | -  | -   |
| 50112C  | BOUL. LAURENTIDES                              | 0                                                            | ---                                     | -                                                                 | -  | -              | -   | -                | -  | -                | -   | -                | -  | -  | -   |
| 50113R  | PIE X & CARDINAL                               | 0                                                            | ---                                     | -                                                                 | -  | -              | -   | -                | -  | -                | -   | -                | -  | -  | -   |
| 50115C  | 1001 BOUL MAISONNEUVE O.                       | 744                                                          | 1.9                                     | 3                                                                 | 5  | 6              | 7   | 3                | 4  | 5                | 5   | 2                | 3  | 4  | 4   |
| 50116R  | 3161 JOSEPH, VERDUN                            | 729                                                          | ***                                     | 0                                                                 | 1  | 1              | 2   | 0                | 1  | 1                | 1   | 0                | 1  | 1  | 1   |
| 50119R  | 699 CURE POIRIER                               | 0                                                            | ---                                     | -                                                                 | -  | -              | -   | -                | -  | -                | -   | -                | -  | -  | -   |
| 50203R  | HULL, QUEBEC<br>GAMBLIN & JOFFRE               | 733                                                          | 0.7                                     | 1                                                                 | 2  | 2              | 4   | 1                | 1  | 2                | 2   | 1                | 1  | 1  | 1   |
| 50307C  | QUEBEC, QUEBEC<br>PARC CARTIER BREBOEUF        | 0                                                            | ---                                     | -                                                                 | -  | -              | -   | -                | -  | -                | -   | -                | -  | -  | -   |
| 60101C  | OTTAWA, ONT.<br>88 SLATER ST.                  | 604                                                          | 1.8                                     | 2                                                                 | 5  | 6              | 8   | 2                | 4  | 5                | 5   | 2                | 3  | 3  | 3   |
| 60104C  | RIDEAU & WURTEMBERG                            | 445                                                          | ***                                     | 0                                                                 | 0  | 1              | 3   | 0                | 0  | 1                | 1   | 0                | 0  | 0  | 0   |
| 60204C  | WINDSOR, ONT.<br>471 UNIVERSITY AVENUE         | 685                                                          | 0.6                                     | 1                                                                 | 2  | 3              | 8   | 1                | 1  | 2                | 2   | 1                | 1  | 1  | 1   |
| 60402R  | TORONTO, ONT.<br>DON MILLS, SCIENCE CNTR       | 0                                                            | ---                                     | -                                                                 | -  | -              | -   | -                | -  | -                | -   | -                | -  | -  | -   |
| 60403I  | EVANS & ARNOLD                                 | 707                                                          | 1.4                                     | 2                                                                 | 3  | 4              | 5   | 2                | 2  | 3                | 4   | 2                | 2  | 3  | 3   |
| 60410R  | LAWRENCE & KENNEDY                             | 709                                                          | 0.9                                     | 1                                                                 | 2  | 3              | 4   | 1                | 2  | 3                | 3   | 1                | 2  | 2  | 2   |
| 60413R  | ELMCREST ROAD                                  | 682                                                          | 1.1                                     | 1                                                                 | 2  | 2              | 3   | 1                | 2  | 2                | 2   | 1                | 2  | 2  | 2   |
| 60415R  | QUEENSWAY W & HURONTARIO                       | 713                                                          | 1.3                                     | 1                                                                 | 2  | 3              | 5   | 1                | 2  | 2                | 3   | 2                | 2  | 2  | 2   |
| 60416C  | 381 YONGE STREET                               | 632                                                          | 4.2                                     | 5                                                                 | 11 | 16             | 21  | 5                | 9  | 13               | 15  | 5                | 7  | 8  | 8   |
| 60417C  | 26 BREADALBANE STREET                          | 708                                                          | 0.7                                     | 1                                                                 | 2  | 3              | 5   | 1                | 1  | 2                | 3   | 1                | 1  | 2  | 2   |
| 60501C  | HAMILTON, ONT.<br>BARTON & SANFORD             | 711                                                          | 1.0                                     | 1                                                                 | 2  | 3              | 3   | 1                | 2  | 2                | 3   | 1                | 2  | 2  | 2   |
| 60511R  | 467 BEACH BLVD.                                | 701                                                          | ***                                     | 0                                                                 | 1  | 2              | 4   | 0                | 1  | 1                | 2   | 0                | 1  | 1  | 1   |
| 60602R  | SUDBURY, ONT.<br>ASH STREET                    | 705                                                          | ***                                     | 0                                                                 | 0  | 0              | 1   | 0                | 0  | 0                | 0   | 0                | 0  | 0  | 0   |
| 60706I  | SAULT STE. MARIE, ONT.<br>FARWELL PUMP HOUSE   | 737                                                          | ***                                     | 0                                                                 | 1  | 2              | 5   | 0                | 1  | 1                | 2   | 0                | 1  | 1  | 1   |
| 60901C  | LONDON, ONT.<br>KING & RECTORY                 | 617                                                          | ***                                     | 0                                                                 | 1  | 2              | 5   | 0                | 1  | 1                | 2   | 0                | 1  | 1  | 1   |
| 61004R  | SARNIA, ONT.<br>FRONT ST. AT C.N. TRACKS       | 604                                                          | ***                                     | 0                                                                 | 1  | 3              | 5   | 1                | 1  | 2                | 2   | 1                | 1  | 1  | 1   |
| 61201R  | CORNWALL, ONT.<br>MEMORIAL PARK                | 700                                                          | ***                                     | 0                                                                 | 0  | 1              | 4   | 0                | 0  | 1                | 1   | 0                | 0  | 0  | 1   |
| 61301C  | ST. CATHARINES, ONT.<br>NORTH ST. & GENEVA ST. | 564                                                          | ***                                     | 0                                                                 | 1  | 1              | 4   | 0                | 1  | 1                | 1   | 0                | 0  | 1  | 1   |
| 61501C  | KITCHENER, ONT.<br>EDNA & FREDERICK            | 606                                                          | 0.7                                     | 1                                                                 | 2  | 3              | 8   | 1                | 2  | 2                | 2   | 1                | 2  | 2  | 2   |
| 61602R  | OAKVILLE, ONT.<br>BRONTE AND WOBURN CRES.      | 710                                                          | 0.9                                     | 1                                                                 | 2  | 3              | 6   | 1                | 2  | 2                | 3   | 1                | 1  | 2  | 2   |
| 61701R  | OSHAWA, ONT.<br>RITSON RD. & OLIVE AVE.        | 696                                                          | 1.2                                     | 1                                                                 | 3  | 3              | 5   | 1                | 3  | 3                | 4   | 1                | 3  | 3  | 3   |
| 70118R  | WINNIPEG, MAN.<br>JEFFERSON & SCOTIA           | 701                                                          | ***                                     | 0                                                                 | 1  | 3              | 6   | 0                | 1  | 2                | 3   | 0                | 1  | 1  | 1   |
| 70119C  | 65 ELLEN STREET                                | 704                                                          | 0.7                                     | 1                                                                 | 2  | 2              | 4   | 1                | 1  | 2                | 2   | 1                | 1  | 1  | 1   |
| 80109C  | REGINA, SASK.<br>1620 ALBERT STREET            | 0                                                            | ---                                     | -                                                                 | -  | -              | -   | -                | -  | -                | -   | -                | -  | -  | -   |
| 80110C  | 2505 11TH. AVENUE                              | 0                                                            | ---                                     | -                                                                 | -  | -              | -   | -                | -  | -                | -   | -                | -  | -  | -   |

\*\*\* CALCULATED MEANS ARE BELOW 500 PARTS PER BILLION.  
LES MOYENNES SONT INFÉRIEURES À 500 PARTIES PAR BILLION.

--- INSUFFICIENT DATA FOR CALCULATION OF A VALID MEAN.  
IL N'Y A PAS ASSEZ DE DONNÉES POUR CALCULER UNE MOYENNE VALABLE.

CARBON MONOXIDE  
PARTS PER MILLIONAUGUST - AOÛT  
1986MONOXYDE DE CARBONE  
PARTIES PAR MILLION

| STATION | LOCATION<br>EMPLACEMENT                     | NUMBER OF<br>HOURLY SAMPLES<br>NOMBRE DE<br>DONNEES HORAIRES | MONTHLY<br>MEAN<br>MOYENNE<br>MENSUELLE | FREQUENCY DISTRIBUTIONS - CENTILES - DISTRIBUTIONS DES FREQUENCES |    |    |     | MEANS ----- MOYENNES |    |    |     |                  |    |    |     |
|---------|---------------------------------------------|--------------------------------------------------------------|-----------------------------------------|-------------------------------------------------------------------|----|----|-----|----------------------|----|----|-----|------------------|----|----|-----|
|         |                                             |                                                              |                                         | INTERVALS - INTERVALLES                                           |    |    |     | 8-HOUR / HEURES      |    |    |     | 24-HOUR / HEURES |    |    |     |
|         |                                             |                                                              |                                         | 70                                                                | 95 | 99 | MAX | 70                   | 95 | 99 | MAX | 70               | 95 | 99 | MAX |
| 80209C  | SASKATOON, SASK.<br>IDYLWYLD DR. & 33RD ST. | 733                                                          | ***                                     | 1                                                                 | 1  | 2  | 4   | 1                    | 1  | 1  | 2   | 1                | 1  | 1  | 1   |
|         | EDMONTON, ALTA.                             |                                                              |                                         |                                                                   |    |    |     |                      |    |    |     |                  |    |    |     |
| 90121I  | 17 STREET & 105 AVENUE                      | 741                                                          | 0.6                                     | 1                                                                 | 1  | 2  | 3   | 1                    | 1  | 1  | 2   | 1                | 1  | 1  | 1   |
| 90122R  | 127 ST. & 133 AVENUE                        | 740                                                          | 1.2                                     | 1                                                                 | 3  | 5  | 9   | 1                    | 2  | 3  | 4   | 1                | 2  | 2  | 3   |
| 90130C  | 10255 - 104TH STREET                        | 742                                                          | 0.7                                     | 1                                                                 | 2  | 3  | 5   | 1                    | 2  | 3  | 3   | 1                | 1  | 2  | 2   |
|         | CALGARY, ALTA.                              |                                                              |                                         |                                                                   |    |    |     |                      |    |    |     |                  |    |    |     |
| 90222R  | 39 ST. & 29 AVE. N.W.                       | 724                                                          | 0.6                                     | 1                                                                 | 2  | 3  | 5   | 1                    | 1  | 2  | 3   | 1                | 1  | 1  | 1   |
| 90227C  | 1611-4TH STREET S.W.                        | 692                                                          | 1.7                                     | 2                                                                 | 4  | 6  | 14  | 2                    | 3  | 5  | 6   | 2                | 3  | 3  | 4   |
|         | VANCOUVER, B.C.                             |                                                              |                                         |                                                                   |    |    |     |                      |    |    |     |                  |    |    |     |
| 00106R  | 2294 WEST 10TH AVENUE                       | 0                                                            | ---                                     | -                                                                 | -  | -  | -   | -                    | -  | -  | -   | -                | -  | -  | -   |
| 00108I  | 250 WEST 70TH AVENUE                        | 727                                                          | 1.1                                     | 1                                                                 | 3  | 4  | 5   | 1                    | 3  | 3  | 3   | 2                | 2  | 2  | 2   |
| 00110R  | E. HASTINGS & KENSINGTON                    | 726                                                          | ***                                     | 1                                                                 | 1  | 2  | 3   | 1                    | 1  | 1  | 2   | 1                | 1  | 1  | 1   |
| 00111I  | ROCKY PT. PARK                              | 729                                                          | ***                                     | 1                                                                 | 1  | 2  | 3   | 1                    | 1  | 2  | 2   | 1                | 1  | 1  | 1   |
| 00112C  | ROBSON/HORNBY                               | 727                                                          | 1.9                                     | 2                                                                 | 5  | 6  | 10  | 2                    | 4  | 5  | 5   | 2                | 3  | 3  | 4   |
|         | VICTORIA, B.C.                              |                                                              |                                         |                                                                   |    |    |     |                      |    |    |     |                  |    |    |     |
| 00303C  | 1250 QUADRA ST.                             | 710                                                          | ***                                     | 1                                                                 | 2  | 4  | 6   | 1                    | 2  | 3  | 3   | 1                | 2  | 2  | 2   |
|         | WHITEHORSE, YUKON                           |                                                              |                                         |                                                                   |    |    |     |                      |    |    |     |                  |    |    |     |
| 09001C  | FEDERAL BUILDING                            | 0                                                            | ---                                     | -                                                                 | -  | -  | -   | -                    | -  | -  | -   | -                | -  | -  | -   |

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LES MOYENNES SONT INFÉRIEURES À 500 PARTIES PAR BILLION.

--- INSUFFICIENT DATA FOR CALCULATION OF A VALID MEAN.  
IL N'Y A PAS ASSEZ DE DONNÉES POUR CALCULER UNE MOYENNE VALABLE.

NITROGEN DIOXIDE  
PARTS PER HUNDRED MILLION

AUGUST - AOÛT  
1986

DIOXYDE D'AZOTE  
PARTIES PAR CENT MILLIONS

| STATION                | LOCATION<br>EMPLACEMENT  | NUMBER OF<br>HOURLY SAMPLES<br>NOMBRE DE<br>DONNEES HORAIRES | MONTHLY<br>MEAN<br>MOYENNE<br>MENSUELLE | FREQUENCY DISTRIBUTIONS - CENTILES - |    |             |     | DISTRIBUTIONS DES FREQUENCES |    |          |     |
|------------------------|--------------------------|--------------------------------------------------------------|-----------------------------------------|--------------------------------------|----|-------------|-----|------------------------------|----|----------|-----|
|                        |                          |                                                              |                                         | INTERVALS -                          |    | INTERVALLES |     | MEANS -                      |    | MOYENNES |     |
|                        |                          |                                                              |                                         | 1-HOUR /                             |    | HEURE       |     | 24-HOUR /                    |    | HEURES   |     |
|                        |                          |                                                              |                                         | 70                                   | 95 | 99          | MAX | 70                           | 95 | 99       | MAX |
| HALIFAX, N.S.          |                          |                                                              |                                         |                                      |    |             |     |                              |    |          |     |
| 30115I                 | CFB SHEARWATER           | 625                                                          | ***                                     | 1                                    | 2  | 3           | 5   | 1                            | 2  | 2        | 2   |
| 30116C                 | BARRINGTON & DUKE        | 0                                                            | ---                                     | -                                    | -  | -           | -   | -                            | -  | -        | -   |
| 30117C                 | BEDFORD ROW POST OFFICE  | 0                                                            | ---                                     | -                                    | -  | -           | -   | -                            | -  | -        | -   |
| SAINT JOHN, N.B.       |                          |                                                              |                                         |                                      |    |             |     |                              |    |          |     |
| 40202C                 | POST OFFICE              | 743                                                          | ***                                     | 1                                    | 2  | 2           | 3   | 1                            | 1  | 1        | 1   |
| MONTREAL, QUEBEC       |                          |                                                              |                                         |                                      |    |             |     |                              |    |          |     |
| 50102R                 | JARDIN BOTANIQUE         | 712                                                          | 1.6                                     | 2                                    | 4  | 5           | 5   | 2                            | 3  | 3        | 4   |
| 50104C                 | 1125 ONTARIO EST         | 744                                                          | 2.2                                     | 3                                    | 5  | 5           | 6   | 3                            | 3  | 4        | 4   |
| 50109C                 | DUNCAN & DECARIE         | 0                                                            | ---                                     | -                                    | -  | -           | -   | -                            | -  | -        | -   |
| 50110C                 | PARC PILON, MTL.-NORD    | 720                                                          | 1.4                                     | 2                                    | 3  | 5           | 5   | 2                            | 2  | 3        | 3   |
| 50112C                 | BOUL. LAURENTIDES        | 0                                                            | ---                                     | -                                    | -  | -           | -   | -                            | -  | -        | -   |
| 50113R                 | PIE X & CARDINAL         | 0                                                            | ---                                     | -                                    | -  | -           | -   | -                            | -  | -        | -   |
| 50115C                 | 1001 BOUL MAISONNEUVE O. | 744                                                          | ***                                     | 1                                    | 1  | 2           | 2   | 1                            | 1  | 1        | 1   |
| 50116R                 | 3161 JOSEPH, VERDUN      | 729                                                          | 1.7                                     | 2                                    | 4  | 5           | 5   | 2                            | 3  | 3        | 3   |
| 50119R                 | 699 CURE POIRIER         | 0                                                            | ---                                     | -                                    | -  | -           | -   | -                            | -  | -        | -   |
| HULL, QUEBEC           |                          |                                                              |                                         |                                      |    |             |     |                              |    |          |     |
| 50203R                 | GAMBLIN & JOFFRE         | 692                                                          | 1.4                                     | 2                                    | 3  | 4           | 6   | 2                            | 3  | 3        | 3   |
| QUEBEC, QUEBEC         |                          |                                                              |                                         |                                      |    |             |     |                              |    |          |     |
| 50307C                 | PARC CARTIER BREBOEUF    | 0                                                            | ---                                     | -                                    | -  | -           | -   | -                            | -  | -        | -   |
| OTTAWA, ONT.           |                          |                                                              |                                         |                                      |    |             |     |                              |    |          |     |
| 60101C                 | 88 SLATER ST.            | 557                                                          | 3.8                                     | 5                                    | 7  | 9           | 10  | 4                            | 6  | 6        | 6   |
| 60104C                 | RIDEAU & WURTEMBERG      | 712                                                          | 1.0                                     | 1                                    | 4  | 5           | 8   | 1                            | 2  | 3        | 3   |
| WINDSOR, ONT.          |                          |                                                              |                                         |                                      |    |             |     |                              |    |          |     |
| 60204C                 | 471 UNIVERSITY AVENUE    | 704                                                          | 3.6                                     | 4                                    | 9  | 11          | 14  | 5                            | 7  | 8        | 8   |
| TORONTO, ONT.          |                          |                                                              |                                         |                                      |    |             |     |                              |    |          |     |
| 60402R                 | DON MILLS, SCIENCE CNTR  | 740                                                          | 1.9                                     | 2                                    | 3  | 5           | 7   | 2                            | 3  | 4        | 4   |
| 60403I                 | EVANS & ARNOLD           | 0                                                            | ---                                     | -                                    | -  | -           | -   | -                            | -  | -        | -   |
| 60410R                 | LAWRENCE & KENNEDY       | 712                                                          | 2.4                                     | 3                                    | 5  | 7           | 8   | 3                            | 4  | 6        | 6   |
| 60413R                 | ELMCREST ROAD            | 732                                                          | 2.5                                     | 3                                    | 5  | 7           | 9   | 3                            | 4  | 4        | 5   |
| 60415R                 | QUEENSWAY W & HURONTARIO | 720                                                          | 2.7                                     | 3                                    | 5  | 6           | 7   | 3                            | 4  | 5        | 5   |
| 60417C                 | 26 BREADALBANE STREET    | 711                                                          | 3.2                                     | 4                                    | 6  | 7           | 9   | 4                            | 5  | 6        | 6   |
| HAMILTON, ONT.         |                          |                                                              |                                         |                                      |    |             |     |                              |    |          |     |
| 60501C                 | BARTON & SANFORD         | 669                                                          | 2.5                                     | 3                                    | 5  | 6           | 6   | 3                            | 4  | 4        | 4   |
| 60511R                 | 467 BEACH BLVD.          | 679                                                          | 2.5                                     | 3                                    | 5  | 7           | 9   | 3                            | 4  | 5        | 5   |
| SAULT STE. MARIE, ONT. |                          |                                                              |                                         |                                      |    |             |     |                              |    |          |     |
| 60706I                 | FARWELL PUMP HOUSE       | 737                                                          | 1.4                                     | 2                                    | 3  | 5           | 8   | 2                            | 3  | 4        | 4   |
| LONDON, ONT.           |                          |                                                              |                                         |                                      |    |             |     |                              |    |          |     |
| 60901C                 | KING & RECTORY           | 687                                                          | 2.2                                     | 3                                    | 4  | 6           | 10  | 3                            | 3  | 4        | 4   |
| SARNIA, ONT.           |                          |                                                              |                                         |                                      |    |             |     |                              |    |          |     |
| 61004R                 | FRONT ST. AT C.N. TRACKS | 699                                                          | 2.0                                     | 2                                    | 6  | 7           | 10  | 3                            | 4  | 5        | 5   |
| CORNWALL, ONT.         |                          |                                                              |                                         |                                      |    |             |     |                              |    |          |     |
| 61201R                 | MEMORIAL PARK            | 706                                                          | ***                                     | 1                                    | 2  | 3           | 4   | 1                            | 2  | 2        | 2   |
| ST. CATHARINES, ONT.   |                          |                                                              |                                         |                                      |    |             |     |                              |    |          |     |
| 61301C                 | NORTH ST. & GENEVA ST.   | 711                                                          | 1.5                                     | 2                                    | 4  | 5           | 11  | 2                            | 3  | 3        | 4   |
| KITCHENER, ONT.        |                          |                                                              |                                         |                                      |    |             |     |                              |    |          |     |
| 61501C                 | EDNA & FREDERICK         | 460                                                          | 3.2                                     | 4                                    | 7  | 8           | 9   | 4                            | 5  | 6        | 6   |
| OAKVILLE, ONT.         |                          |                                                              |                                         |                                      |    |             |     |                              |    |          |     |
| 61602R                 | BRONTE AND WOBURN CRES.  | 713                                                          | 2.0                                     | 3                                    | 4  | 6           | 7   | 2                            | 3  | 4        | 4   |
| OSHAWA, ONT.           |                          |                                                              |                                         |                                      |    |             |     |                              |    |          |     |
| 61701R                 | RITSON RD. & OLIVE AVE.  | 703                                                          | 2.3                                     | 3                                    | 5  | 7           | 9   | 3                            | 4  | 5        | 5   |
| WINNIPEG, MAN.         |                          |                                                              |                                         |                                      |    |             |     |                              |    |          |     |
| 70118R                 | JEFFERSON & SCOTIA       | 700                                                          | ***                                     | 1                                    | 2  | 3           | 4   | 1                            | 2  | 2        | 2   |
| 70119C                 | 65 ELLEN STREET          | 702                                                          | 1.5                                     | 2                                    | 3  | 4           | 5   | 2                            | 2  | 2        | 3   |
| REGINA, SASK.          |                          |                                                              |                                         |                                      |    |             |     |                              |    |          |     |
| 80109C                 | 1620 ALBERT STREET       | 0                                                            | ---                                     | -                                    | -  | -           | -   | -                            | -  | -        | -   |
| 80110C                 | 2505 11TH AVENUE         | 0                                                            | ---                                     | -                                    | -  | -           | -   | -                            | -  | -        | -   |
| SASKATOON, SASK.       |                          |                                                              |                                         |                                      |    |             |     |                              |    |          |     |
| 80209C                 | IDYLWYLD DR. & 33RD ST.  | 731                                                          | 1.3                                     | 2                                    | 3  | 4           | 5   | 2                            | 2  | 3        | 3   |
| EDMONTON, ALTA.        |                          |                                                              |                                         |                                      |    |             |     |                              |    |          |     |
| 90122R                 | 127 ST. & 133 AVENUE     | 737                                                          | 1.7                                     | 2                                    | 4  | 5           | 7   | 2                            | 3  | 3        | 3   |
| 90130C                 | 10255 - 104TH STREET     | 740                                                          | 2.2                                     | 3                                    | 5  | 6           | 9   | 3                            | 3  | 4        | 5   |

\*\*\* CALCULATED MEANS ARE BELOW 10 PARTS PER BILLION.  
LES MOYENNES SONT INFÉRIEURES À 10 PARTIES PAR BILLION.

--- INSUFFICIENT DATA FOR CALCULATION OF A VALID MEAN.  
IL N'Y A PAS ASSEZ DE DONNÉES POUR CALCULER UNE MOYENNE VALABLE.

NITROGEN DIOXIDE  
PARTS PER HUNDRED MILLION

AUGUST - AOÛT  
1986

DIOXYDE D'AZOTE  
PARTIES PAR CENT MILLIONS

| STATION           | LOCATION<br>EMPLACEMENT  | NUMBER OF<br>HOURLY SAMPLES<br>NOMBRE DE<br>DONNEES HORAIRES | MONTHLY<br>MEAN<br>MOYENNE<br>MENSUELLE | FREQUENCY DISTRIBUTIONS - CENTILES - |    |    |     | DISTRIBUTIONS DES FREQUENCES |    |    |     |
|-------------------|--------------------------|--------------------------------------------------------------|-----------------------------------------|--------------------------------------|----|----|-----|------------------------------|----|----|-----|
|                   |                          |                                                              |                                         | INTERVALS - INTERVALLES              |    |    |     | MEANS ---- MOYENNES          |    |    |     |
|                   |                          |                                                              |                                         | 1-HOUR / HEURE                       |    |    |     | 24-HOUR / HEURES             |    |    |     |
|                   |                          |                                                              |                                         | 70                                   | 95 | 99 | MAX | 70                           | 95 | 99 | MAX |
| CALGARY, ALTA.    |                          |                                                              |                                         |                                      |    |    |     |                              |    |    |     |
| 90222R            | 39 ST. & 29 AVE. N.W.    | 716                                                          | 1.2                                     | 1                                    | 3  | 4  | 5   | 1                            | 2  | 2  | 3   |
| 90227C            | 1611-4TH STREET S.W.     | 689                                                          | 2.7                                     | 3                                    | 5  | 6  | 7   | 3                            | 4  | 4  | 4   |
| VANCOUVER, B.C.   |                          |                                                              |                                         |                                      |    |    |     |                              |    |    |     |
| 00106R            | 2294 WEST 10TH AVENUE    | 0                                                            | ---                                     | -                                    | -  | -  | -   | -                            | -  | -  | -   |
| 00108I            | 250 WEST 70TH AVENUE     | 0                                                            | ---                                     | -                                    | -  | -  | -   | -                            | -  | -  | -   |
| 00110R            | E. HASTINGS & KENSINGTON | 727                                                          | 3.1                                     | 4                                    | 6  | 9  | 15  | 4                            | 5  | 6  | 6   |
| 00111I            | ROCKY PT. PARK           | 514                                                          | 2.8                                     | 3                                    | 6  | 8  | 10  | 3                            | 5  | 5  | 5   |
| 00112C            | ROBSON/HORNBY            | 727                                                          | 3.0                                     | 3                                    | 5  | 7  | 10  | 3                            | 5  | 5  | 5   |
| VICTORIA, B.C.    |                          |                                                              |                                         |                                      |    |    |     |                              |    |    |     |
| 00303C            | 1250 QUADRA ST.          | 0                                                            | ---                                     | -                                    | -  | -  | -   | -                            | -  | -  | -   |
| WHITEHORSE, YUKON |                          |                                                              |                                         |                                      |    |    |     |                              |    |    |     |
| 09001C            | FEDERAL BUILDING         | 0                                                            | ---                                     | -                                    | -  | -  | -   | -                            | -  | -  | -   |

--- INSUFFICIENT DATA FOR CALCULATION OF A VALID MEAN.  
IL N'Y A PAS ASSEZ DE DONNEES POUR CALCULER UNE MOYENNE VALABLE.

OZONE  
PARTS PER HUNDRED MILLIONAUGUST - AOÛT  
1986OZONE  
PARTIES PAR CENT MILLIONS

| STATION | LOCATION<br>EMPLACEMENT  | NUMBER OF<br>HOURLY SAMPLES<br>NOMBRE DE<br>DONNEES HORAIRES | MONTHLY<br>MEAN<br>MOYENNE<br>MENSUELLE | FREQUENCY DISTRIBUTIONS - CENTILES - DISTRIBUTIONS DES FREQUENCES |    |    |     | MEANS - MOYENNES |    |    |     |
|---------|--------------------------|--------------------------------------------------------------|-----------------------------------------|-------------------------------------------------------------------|----|----|-----|------------------|----|----|-----|
|         |                          |                                                              |                                         | INTERVALS - INTERVALLES                                           |    |    |     | 24-HOUR / HEURES |    |    |     |
|         |                          |                                                              |                                         | 1-HOUR / HEURE                                                    |    |    |     |                  |    |    |     |
|         |                          |                                                              |                                         | 70                                                                | 95 | 99 | MAX | 70               | 95 | 99 | MAX |
|         | HALIFAX, N.S.            |                                                              |                                         |                                                                   |    |    |     |                  |    |    |     |
| 301151  | CFB SHEARWATER           | 569                                                          | 2.6                                     | 3                                                                 | 5  | 6  | 7   | 3                | 5  | 6  | 6   |
| 30116C  | BARRINGTON & DUKE        | 0                                                            | ---                                     | -                                                                 | -  | -  | -   | -                | -  | -  | -   |
| 30117C  | BEDFORD ROW POST OFFICE  | 0                                                            | ---                                     | -                                                                 | -  | -  | -   | -                | -  | -  | -   |
|         | KEJIMIKUJIK, N.S.        |                                                              |                                         |                                                                   |    |    |     |                  |    |    |     |
| 30501R  | NATIONAL PARK            | 735                                                          | 2.4                                     | 3                                                                 | 5  | 6  | 8   | 3                | 5  | 5  | 6   |
|         | SAINT JOHN, N.B.         |                                                              |                                         |                                                                   |    |    |     |                  |    |    |     |
| 40202C  | POST OFFICE              | 744                                                          | 2.0                                     | 2                                                                 | 5  | 7  | 7   | 2                | 5  | 5  | 5   |
|         | MONTREAL, QUEBEC         |                                                              |                                         |                                                                   |    |    |     |                  |    |    |     |
| 50102R  | JARDIN BOTANIQUE         | 741                                                          | 1.4                                     | 2                                                                 | 4  | 4  | 5   | 2                | 2  | 2  | 3   |
| 50103R  | POINTE-AUX-TREMBLES      | 729                                                          | 2.1                                     | 3                                                                 | 6  | 8  | 11  | 3                | 4  | 4  | 4   |
| 50104C  | 1125 ONTARIO EST         | 744                                                          | 1.4                                     | 2                                                                 | 4  | 5  | 7   | 2                | 2  | 3  | 3   |
| 50109C  | DUNCAN & DECARIE         | 0                                                            | ---                                     | -                                                                 | -  | -  | -   | -                | -  | -  | -   |
| 50110C  | PARC PILON, MTL.-NORD    | 720                                                          | 1.8                                     | 2                                                                 | 5  | 6  | 7   | 2                | 3  | 4  | 4   |
| 50112C  | BOUL. LAURENTIDES        | 0                                                            | ---                                     | -                                                                 | -  | -  | -   | -                | -  | -  | -   |
| 50113R  | PIE X & CARDINAL         | 0                                                            | ---                                     | -                                                                 | -  | -  | -   | -                | -  | -  | -   |
| 50115C  | 1001 BOUL MAISONNEUVE O. | 593                                                          | ***                                     | 1                                                                 | 2  | 3  | 3   | 1                | 1  | 1  | 1   |
| 50116R  | 3161 JOSEPH, VERDUN      | 729                                                          | 1.6                                     | 2                                                                 | 4  | 5  | 6   | 2                | 3  | 3  | 3   |
| 50119R  | 699 CURE POIRIER         | 0                                                            | ---                                     | -                                                                 | -  | -  | -   | -                | -  | -  | -   |
|         | QUEBEC, QUEBEC           |                                                              |                                         |                                                                   |    |    |     |                  |    |    |     |
| 50306R  | 2026 BLVD. ST-CYRILLE    | 0                                                            | ---                                     | -                                                                 | -  | -  | -   | -                | -  | -  | -   |
| 50307C  | PARC CARTIER BREBEOUP    | 0                                                            | ---                                     | -                                                                 | -  | -  | -   | -                | -  | -  | -   |
|         | ST. ETIENNE, QUEBEC      |                                                              |                                         |                                                                   |    |    |     |                  |    |    |     |
| 51401R  | 135 DUPUIS               | 723                                                          | 2.6                                     | 3                                                                 | 5  | 6  | 12  | 3                | 4  | 4  | 4   |
|         | OTTAWA, ONT.             |                                                              |                                         |                                                                   |    |    |     |                  |    |    |     |
| 60101C  | 88 SLATER ST.            | 633                                                          | 0.9                                     | 1                                                                 | 2  | 3  | 4   | 1                | 2  | 2  | 2   |
| 60104C  | RIDEAU & WURTEMBURG      | 708                                                          | 1.7                                     | 2                                                                 | 4  | 5  | 7   | 2                | 3  | 3  | 3   |
|         | WINDSOR, ONT.            |                                                              |                                         |                                                                   |    |    |     |                  |    |    |     |
| 60204C  | 471 UNIVERSITY AVENUE    | 701                                                          | 2.3                                     | 3                                                                 | 6  | 7  | 8   | 3                | 4  | 5  | 5   |
|         | TORONTO, ONT.            |                                                              |                                         |                                                                   |    |    |     |                  |    |    |     |
| 60402R  | DON MILLS, SCIENCE CNTR  | 739                                                          | 0.9                                     | 1                                                                 | 3  | 4  | 5   | 1                | 2  | 2  | 2   |
| 60403I  | EVANS & ARNOLD           | 704                                                          | 1.8                                     | 2                                                                 | 6  | 8  | 9   | 2                | 4  | 5  | 5   |
| 60410R  | LAWRENCE & KENNEDY       | 708                                                          | 2.3                                     | 3                                                                 | 6  | 9  | 10  | 3                | 4  | 6  | 6   |
| 60413R  | ELMCREST ROAD            | 734                                                          | 2.2                                     | 3                                                                 | 7  | 8  | 9   | 3                | 4  | 4  | 4   |
| 60415R  | QUEENSWAY W & HURONTARIO | 0                                                            | ---                                     | -                                                                 | -  | -  | -   | -                | -  | -  | -   |
| 60417C  | 26 BREADALBANE STREET    | 708                                                          | 2.1                                     | 3                                                                 | 6  | 7  | 8   | 2                | 4  | 5  | 5   |
|         | HAMILTON, ONT.           |                                                              |                                         |                                                                   |    |    |     |                  |    |    |     |
| 60501C  | BARTON & SANFORD         | 713                                                          | 2.2                                     | 3                                                                 | 5  | 6  | 7   | 3                | 4  | 4  | 4   |
|         | SUDBURY, ONT.            |                                                              |                                         |                                                                   |    |    |     |                  |    |    |     |
| 60602R  | ASH STREET               | 706                                                          | 2.0                                     | 2                                                                 | 4  | 5  | 6   | 2                | 3  | 4  | 4   |
|         | SAULT STE. MARIE, ONT.   |                                                              |                                         |                                                                   |    |    |     |                  |    |    |     |
| 60706I  | FARWELL PUMP HOUSE       | 737                                                          | 1.4                                     | 2                                                                 | 3  | 3  | 5   | 2                | 2  | 3  | 3   |
|         | THUNDER BAY, ONT.        |                                                              |                                         |                                                                   |    |    |     |                  |    |    |     |
| 60806R  | 435 JAMES S.             | 733                                                          | 1.3                                     | 2                                                                 | 3  | 4  | 5   | 1                | 3  | 3  | 3   |
|         | LONDON, ONT.             |                                                              |                                         |                                                                   |    |    |     |                  |    |    |     |
| 60901C  | KING & RECTORY           | 683                                                          | 2.5                                     | 3                                                                 | 6  | 7  | 9   | 3                | 4  | 5  | 5   |
|         | SARNIA, ONT.             |                                                              |                                         |                                                                   |    |    |     |                  |    |    |     |
| 61004R  | FRONT ST. AT C.N. TRACKS | 685                                                          | 2.6                                     | 3                                                                 | 6  | 8  | 10  | 3                | 5  | 5  | 5   |
|         | CORNWALL, ONT.           |                                                              |                                         |                                                                   |    |    |     |                  |    |    |     |
| 61201R  | MEMORIAL PARK            | 694                                                          | 2.6                                     | 3                                                                 | 5  | 7  | 8   | 3                | 5  | 5  | 5   |
|         | ST. CATHARINES, ONT.     |                                                              |                                         |                                                                   |    |    |     |                  |    |    |     |
| 61301C  | NORTH ST. & GENEVA ST.   | 710                                                          | 2.4                                     | 3                                                                 | 5  | 7  | 7   | 3                | 4  | 5  | 5   |
|         | KITCHENER, ONT.          |                                                              |                                         |                                                                   |    |    |     |                  |    |    |     |
| 61501C  | EDNA & FREDERICK         | 737                                                          | 2.1                                     | 3                                                                 | 5  | 6  | 7   | 3                | 4  | 5  | 5   |
|         | OAKVILLE, ONT.           |                                                              |                                         |                                                                   |    |    |     |                  |    |    |     |
| 61602R  | BRONTE AND WOBURN CRES.  | 0                                                            | ---                                     | -                                                                 | -  | -  | -   | -                | -  | -  | -   |
|         | OSHAWA, ONT.             |                                                              |                                         |                                                                   |    |    |     |                  |    |    |     |
| 61701R  | RITSON RD. & OLIVE AVE.  | 695                                                          | 2.2                                     | 3                                                                 | 5  | 7  | 11  | 3                | 4  | 4  | 4   |
|         | GUELPH, ONT.             |                                                              |                                         |                                                                   |    |    |     |                  |    |    |     |
| 61802R  | EXHIBITION PARK          | 146                                                          | ---                                     | 4                                                                 | 6  | 7  | 8   | 3                | 4  | 4  | 4   |
|         | WINNIPEG, MAN.           |                                                              |                                         |                                                                   |    |    |     |                  |    |    |     |
| 70118R  | JEFFERSON & SCOTIA       | 703                                                          | 1.9                                     | 3                                                                 | 4  | 4  | 5   | 2                | 3  | 3  | 3   |
| 70119C  | 65 ELLEN STREET          | 707                                                          | 1.9                                     | 3                                                                 | 4  | 5  | 6   | 2                | 3  | 3  | 3   |

\*\*\* CALCULATED MEANS ARE BELOW 5 PARTS PER BILLION.  
LES MOYENNES SONT INFÉRIEURES À 5 PARTIES PAR BILLION.

--- INSUFFICIENT DATA FOR CALCULATION OF A VALID MEAN.  
IL N'Y A PAS ASSEZ DE DONNÉES POUR CALCULER UNE MOYENNE VALABLE.

OZONE  
PARTS PER HUNDRED MILLIONAUGUST - AOÛT  
1986OZONE  
PARTIES PAR CENT MILLIONS

| STATION | LOCATION<br>EMPLACEMENT                    | NUMBER OF<br>HOURLY SAMPLES<br>NOMBRE DE<br>DONNEES HORAIRES | MONTHLY<br>MEAN<br>MOYENNE<br>MENSUELLE | FREQUENCY DISTRIBUTIONS - CENTILES - DISTRIBUTIONS DES FREQUENCES |    |                |     | CENTILES - MOYENNES |    |                  |     |
|---------|--------------------------------------------|--------------------------------------------------------------|-----------------------------------------|-------------------------------------------------------------------|----|----------------|-----|---------------------|----|------------------|-----|
|         |                                            |                                                              |                                         | INTERVALS - INTERVALLES                                           |    | 1-HOUR / HEURE |     | 24-HOUR / HEURES    |    | MEANS - MOYENNES |     |
|         |                                            |                                                              |                                         | 70                                                                | 95 | 99             | MAX | 70                  | 95 | 99               | MAX |
| 80109C  | REGINA, SASK.<br>1620 ALBERT STREET        | 0                                                            | ---                                     | -                                                                 | -  | -              | -   | -                   | -  | -                | -   |
| 80110C  | 2505 11TH. AVENUE                          | 0                                                            | ---                                     | -                                                                 | -  | -              | -   | -                   | -  | -                | -   |
| 80209C  | SASKATOON, SASK.<br>IDYLYLD DR. & 33RD ST. | 731                                                          | 1.5                                     | 2                                                                 | 3  | 4              | 6   | 2                   | 3  | 3                | 3   |
| 90122R  | EDMONTON, ALTA.<br>127 ST. & 133 AVENUE    | 741                                                          | 2.0                                     | 3                                                                 | 5  | 7              | 8   | 2                   | 3  | 4                | 4   |
| 90130C  | 10255 - 104TH STREET                       | 742                                                          | 2.4                                     | 3                                                                 | 5  | 6              | 9   | 3                   | 3  | 4                | 4   |
| 90222R  | CALGARY, ALTA.<br>39 ST. & 29 AVE. N.W.    | 720                                                          | 2.6                                     | 4                                                                 | 5  | 6              | 8   | 3                   | 4  | 4                | 4   |
| 90227C  | 1611-4TH STREET S.W.                       | 691                                                          | 1.6                                     | 2                                                                 | 4  | 5              | 7   | 2                   | 3  | 3                | 3   |
| 00106R  | VANCOUVER, B.C.<br>2294 WEST 10TH AVENUE   | 0                                                            | ---                                     | -                                                                 | -  | -              | -   | -                   | -  | -                | -   |
| 00108I  | 250 WEST 70TH AVENUE                       | 727                                                          | 1.2                                     | 2                                                                 | 3  | 5              | 5   | 1                   | 2  | 2                | 2   |
| 00110R  | E. HASTINGS & KENSINGTON                   | 725                                                          | 1.2                                     | 2                                                                 | 4  | 5              | 6   | 1                   | 2  | 2                | 2   |
| 00111I  | ROCKY PT. PARK                             | 613                                                          | 2.1                                     | 3                                                                 | 7  | 8              | 13  | 3                   | 3  | 4                | 4   |
| 00112C  | ROBSON/HORNBY                              | 689                                                          | 0.5                                     | 1                                                                 | 2  | 3              | 3   | 1                   | 1  | 1                | 1   |
| 00303C  | VICTORIA, B.C.<br>1250 QUADRA ST.          | 710                                                          | 1.2                                     | 2                                                                 | 3  | 4              | 4   | 1                   | 2  | 2                | 2   |
| 00601C  | PENTICTON, B.C.<br>400 CARMICHAEL AVE.     | 56                                                           | ---                                     | 2                                                                 | 2  | 3              | 3   | 1                   | 1  | 1                | 1   |

--- INSUFFICIENT DATA FOR CALCULATION OF A VALID MEAN.  
IL N'Y A PAS ASSEZ DE DONNEES POUR CALCULER UNE MOYENNE VALABLE.

SOILING INDEX  
COH UNITS PER 1000 LINEAR FT.

AUGUST - AOÛT  
1986

INDICE DE SOUILLURE  
UNITES COH PAR 1000 PIEDS LINEAIRES

| STATION | LOCATION<br>EMPLACEMENT  | NUMBER OF<br>SAMPLES<br>NOMBRE DE<br>DONNEES | MONTHLY<br>MEAN<br>MOYENNE<br>MENSUELLE | FREQUENCY DISTRIBUTIONS |     |             |     | DISTRIBUTIONS DES FREQUENCES |     |          |     |
|---------|--------------------------|----------------------------------------------|-----------------------------------------|-------------------------|-----|-------------|-----|------------------------------|-----|----------|-----|
|         |                          |                                              |                                         | INTERVALS -             |     | INTERVALLES |     | MEANS                        |     | MOYENNES |     |
|         |                          |                                              |                                         | 2-HOUR / HEURES         |     |             |     | 24-HOUR / HEURES             |     |          |     |
|         |                          |                                              |                                         | 70                      | 95  | 99          | MAX | 70                           | 95  | 99       | MAX |
| 50109C  | MONTREAL, QUEBEC         |                                              |                                         |                         |     |             |     |                              |     |          |     |
| 50110C  | DUNCAN & DECARIE         | 0                                            | ----                                    | -                       | -   | -           | -   | -                            | -   | -        | -   |
| 50115C  | PARC PILON, MTL.-NORD    | 321                                          | ****                                    | 0.0                     | 0.1 | 0.1         | 0.1 | 0.0                          | 0.0 | 0.1      | 0.1 |
| 50116R  | 1001 BOUL MAISONNEUVE O. | 318                                          | ****                                    | 0.1                     | 0.1 | 0.2         | 0.2 | 0.1                          | 0.1 | 0.1      | 0.1 |
|         | 3161 JOSEPH, VERDUN      | 343                                          | ****                                    | 0.0                     | 0.0 | 0.0         | 0.2 | 0.0                          | 0.0 | 0.0      | 0.0 |
| 50203R  | HULL, QUEBEC             |                                              |                                         |                         |     |             |     |                              |     |          |     |
|         | GAMELIN & JOFFRE         | 372                                          | 0.19                                    | 0.2                     | 0.6 | 0.8         | 1.0 | 0.2                          | 0.4 | 0.4      | 0.4 |
| 50801R  | TROIS-RIVIERES, QUEBEC   |                                              |                                         |                         |     |             |     |                              |     |          |     |
|         | HART & STE-CECILE        | 0                                            | ----                                    | -                       | -   | -           | -   | -                            | -   | -        | -   |
| 51201I  | SHAWINIGAN, QUEBEC       |                                              |                                         |                         |     |             |     |                              |     |          |     |
|         | FRIGON & LAVAL           | 0                                            | ----                                    | -                       | -   | -           | -   | -                            | -   | -        | -   |
| 60101C  | OTTAWA, ONT.             |                                              |                                         |                         |     |             |     |                              |     |          |     |
| 60104C  | 88 SLATER ST.            | 349                                          | 0.45                                    | 0.5                     | 1.2 | 1.9         | 2.4 | 0.6                          | 0.8 | 1.0      | 1.0 |
|         | RIDEAU & WURTEMBERG      | 549                                          | (1) ****                                | 0.0                     | 0.3 | 0.4         | 0.7 | 0.1                          | 0.2 | 0.2      | 0.2 |
| 60204C  | WINDSOR, ONT.            |                                              |                                         |                         |     |             |     |                              |     |          |     |
| 60211R  | 471 UNIVERSITY AVENUE    | 717                                          | (1) 0.45                                | 0.5                     | 1.2 | 1.6         | 2.0 | 0.6                          | 0.7 | 0.9      | 0.9 |
|         | COLLEGE & PRINCE         | 713                                          | (1) 0.45                                | 0.5                     | 1.2 | 1.8         | 2.4 | 0.5                          | 0.8 | 0.9      | 0.9 |
| 60403I  | TORONTO, ONT.            |                                              |                                         |                         |     |             |     |                              |     |          |     |
| 60410R  | EVANS & ARNOLD           | 0                                            | ----                                    | -                       | -   | -           | -   | -                            | -   | -        | -   |
| 60417C  | LAWRENCE & KENNEDY       | 715                                          | (1) 0.37                                | 0.5                     | 0.9 | 1.2         | 1.4 | 0.5                          | 0.7 | 0.9      | 0.9 |
|         | 26 BREADALBANE STREET    | 718                                          | (1) 0.45                                | 0.6                     | 0.9 | 1.3         | 2.4 | 0.5                          | 0.8 | 1.1      | 1.1 |
| 60501C  | HAMILTON, ONT.           |                                              |                                         |                         |     |             |     |                              |     |          |     |
| 60511R  | BARTON & SANFORD         | 716                                          | (1) 0.54                                | 0.7                     | 1.2 | 1.7         | 2.6 | 0.7                          | 1.0 | 1.1      | 1.2 |
|         | 467 BEACH BLVD.          | 716                                          | (1) 0.38                                | 0.5                     | 0.8 | 1.2         | 2.1 | 0.5                          | 0.7 | 0.7      | 0.8 |
| 60602R  | SUDBURY, ONT.            |                                              |                                         |                         |     |             |     |                              |     |          |     |
|         | ASH STREET               | 712                                          | (1) 0.11                                | 0.2                     | 0.4 | 0.6         | 0.8 | 0.1                          | 0.3 | 0.4      | 0.4 |
| 60706I  | SAULT STE. MARIE, ONT.   |                                              |                                         |                         |     |             |     |                              |     |          |     |
|         | FARWELL PUMP HOUSE       | 738                                          | (1) 0.30                                | 0.4                     | 0.7 | 1.0         | 1.2 | 0.4                          | 0.6 | 0.6      | 0.6 |
| 60806R  | THUNDER BAY, ONT.        |                                              |                                         |                         |     |             |     |                              |     |          |     |
|         | 435 JAMES S.             | 690                                          | (1) 0.22                                | 0.3                     | 0.5 | 0.9         | 1.0 | 0.3                          | 0.4 | 0.5      | 0.5 |
| 60901C  | LONDON, ONT.             |                                              |                                         |                         |     |             |     |                              |     |          |     |
|         | KING & RECTORY           | 695                                          | (1) 0.31                                | 0.4                     | 0.7 | 1.2         | 2.3 | 0.4                          | 0.5 | 0.6      | 0.6 |
| 61004R  | SARNIA, ONT.             |                                              |                                         |                         |     |             |     |                              |     |          |     |
|         | FRONT ST. AT C.N. TRACKS | 712                                          | (1) 0.37                                | 0.5                     | 0.9 | 1.1         | 2.5 | 0.5                          | 0.7 | 0.8      | 0.8 |
| 61201R  | CORNWALL, ONT.           |                                              |                                         |                         |     |             |     |                              |     |          |     |
|         | MEMORIAL PARK            | 706                                          | (1) ****                                | 0.0                     | 0.2 | 0.3         | 0.5 | 0.0                          | 0.1 | 0.2      | 0.2 |
| 61301C  | ST. CATHARINES, ONT.     |                                              |                                         |                         |     |             |     |                              |     |          |     |
|         | NORTH ST. & GENEVA ST.   | 700                                          | (1) 0.24                                | 0.3                     | 0.6 | 0.9         | 1.0 | 0.3                          | 0.4 | 0.4      | 0.4 |
| 61602R  | OAKVILLE, ONT.           |                                              |                                         |                         |     |             |     |                              |     |          |     |
|         | BRONTE AND WOBURN CRES.  | 0                                            | ----                                    | -                       | -   | -           | -   | -                            | -   | -        | -   |
| 61701R  | OSHAWA, ONT.             |                                              |                                         |                         |     |             |     |                              |     |          |     |
|         | RITSON RD. & OLIVE AVE.  | 0                                            | ----                                    | -                       | -   | -           | -   | -                            | -   | -        | -   |
| 70118R  | WINNIPEG, MAN.           |                                              |                                         |                         |     |             |     |                              |     |          |     |
| 70119C  | JEFFERSON & SCOTIA       | 321                                          | ****                                    | 0.1                     | 0.3 | 0.7         | 1.3 | 0.1                          | 0.2 | 0.3      | 0.3 |
|         | 65 ELLEN STREET          | 336                                          | 0.14                                    | 0.2                     | 0.4 | 0.7         | 1.3 | 0.2                          | 0.3 | 0.3      | 0.4 |
| 90122R  | EDMONTON, ALTA.          |                                              |                                         |                         |     |             |     |                              |     |          |     |
| 90130C  | 127 ST. & 133 AVENUE     | 719                                          | (1) 0.23                                | 0.3                     | 0.6 | 1.0         | 1.3 | 0.3                          | 0.5 | 0.6      | 0.6 |
|         | 10255 - 104TH STREET     | 744                                          | (1) 0.23                                | 0.3                     | 0.6 | 1.0         | 1.2 | 0.3                          | 0.5 | 0.6      | 0.6 |
| 90218I  | CALGARY, ALTA.           |                                              |                                         |                         |     |             |     |                              |     |          |     |
| 90222R  | BONNY BRK & 18A ST. S.E. | 744                                          | (1) 0.17                                | 0.2                     | 0.5 | 1.0         | 1.3 | 0.2                          | 0.4 | 0.6      | 0.6 |
| 90227C  | 39 ST. & 29 AVE. N.W.    | 728                                          | (1) 0.11                                | 0.2                     | 0.3 | 0.5         | 0.6 | 0.2                          | 0.2 | 0.3      | 0.3 |
|         | 1611-4TH STREET S.W.     | 695                                          | (1) 0.32                                | 0.4                     | 0.7 | 1.0         | 1.3 | 0.4                          | 0.6 | 0.6      | 0.7 |
| 00102R  | VANCOUVER, B.C.          |                                              |                                         |                         |     |             |     |                              |     |          |     |
| 00106R  | 100 RICHMOND STREET      | 313                                          | 0.33                                    | 0.4                     | 0.9 | 1.2         | 1.7 | 0.4                          | 0.6 | 0.6      | 0.7 |
| 00108I  | 2294 WEST 10TH AVENUE    | 0                                            | ----                                    | -                       | -   | -           | -   | -                            | -   | -        | -   |
| 00110R  | 250 WEST 70TH AVENUE     | 372                                          | 0.34                                    | 0.4                     | 1.0 | 1.3         | 1.8 | 0.4                          | 0.6 | 0.7      | 0.8 |
| 00111I  | E. HASTINGS & KENSINGTON | 372                                          | 0.26                                    | 0.3                     | 0.6 | 0.9         | 1.0 | 0.3                          | 0.4 | 0.5      | 0.5 |
| 00112C  | ROCKY PT. PARK           | 227                                          | 0.11                                    | 0.2                     | 0.3 | 0.6         | 0.7 | 0.1                          | 0.2 | 0.2      | 0.2 |
|         | ROBSON/HORNBY            | 371                                          | 0.37                                    | 0.5                     | 0.9 | 1.2         | 1.8 | 0.4                          | 0.6 | 0.8      | 0.8 |

(1) BASED ON 1-HOUR READINGS  
DONNEES INITIALES D'UNE HEURE

\*\*\*\* CALCULATED MEANS ARE BELOW 0.1  
LES MOYENNES SONT INFERIEURES A 0.1

---- INSUFFICIENT DATA FOR CALCULATION OF A VALID MEAN.  
IL N'Y A PAS ASSEZ DE DONNEES POUR CALCULER UNE MOYENNE VALABLE.

86 - 122

SOILING INDEX  
COH UNITS PER 1000 LINEAR FT.AUGUST - AOÛT  
1986INDICE DE SOUILLURE  
UNITES COH PAR 1000 PIEDS LINEAIRES

| STATION | LOCATION<br>EMPLACEMENT                | NUMBER OF<br>SAMPLES<br>NOMBRE DE<br>DONNEES | MONTHLY<br>MEAN<br>MOYENNE<br>MENSUELLE | FREQUENCY DISTRIBUTIONS ----- |     |                      |     | DISTRIBUTIONS DES FREQUENCES |     |              |     |
|---------|----------------------------------------|----------------------------------------------|-----------------------------------------|-------------------------------|-----|----------------------|-----|------------------------------|-----|--------------|-----|
|         |                                        |                                              |                                         | INTERVALS - INTERVALLES       |     | MEANS ----- MOYENNES |     | 24-HOUR / HEURES             |     | 70 95 99 MAX |     |
|         |                                        |                                              |                                         | 70                            | 95  | 99                   | MAX | 70                           | 95  | 99           | MAX |
| 00202C  | PRINCE GEORGE, B.C.<br>1011 4TH AVENUE | 372                                          | 0.12                                    | 0.2                           | 0.4 | 0.6                  | 0.7 | 0.1                          | 0.2 | 0.2          | 0.3 |
| 00303C  | VICTORIA, B.C.<br>1250 QUADRA ST.      | 0                                            | ----                                    | -                             | -   | -                    | -   | -                            | -   | -            | -   |

(1) BASED ON 1-HOUR READINGS  
DONNEES INITIALES D'UNE HEURE

SUSPENDED PARTICULATE MATTER AND LEAD  
MICROGRAMS PER CUBIC METRE

AUGUST - AOUT  
1986

PLOMB ET PARTICULES EN SUSPENSION  
MICROGRAMMES PAR METRE CUBE

| STATION | LOCATION<br>EMPLACEMENT                     | *--- PARTICULATES / PARTICULES ---* |     |     |    |     |                 | *----- LEAD / PLOMB -----* |     |     |     |     |                 |
|---------|---------------------------------------------|-------------------------------------|-----|-----|----|-----|-----------------|----------------------------|-----|-----|-----|-----|-----------------|
|         |                                             | DAY / JOUR                          |     |     |    |     | MEAN<br>MOYENNE | DAY / JOUR                 |     |     |     |     | MEAN<br>MOYENNE |
|         |                                             | 6                                   | 12  | 18  | 24 | 30  |                 | 6                          | 12  | 18  | 24  | 30  |                 |
| 10101C  | ST. JOHN'S, Nfld.<br>DUCKWORTH & ORDINANCE  | -                                   | 25  | 29  | 38 | 36  | 32              | -                          | 0.1 | 0.2 | 0.1 | 0.1 | 0.1             |
| 20101C  | CHARLOTTETOWN, P.E.I.<br>56 FITZROY ST.     | 26                                  | 22  | 42  | 20 | 22  | 26              | 0.1                        | 0.1 | 0.1 | 0.0 | 0.0 | 0.1             |
| 30101C  | HALIFAX, N.S.<br>N.S. TECHNICAL COLLEGE     | -                                   | -   | 16  | 26 | 23  | 22              | -                          | -   | 0.0 | 0.0 | 0.1 | 0.0             |
| 30102R  | DALHOUSIE UNIVERSITY                        | -                                   | 17  | -   | -  | -   | -               | -                          | 0.1 | -   | -   | -   | -               |
| 30114R  | MT ST VINCENT UNIVERSITY                    | -                                   | -   | -   | -  | -   | -               | -                          | -   | -   | -   | -   | -               |
| 30115I  | CFB SHEARWATER                              | 20                                  | 22  | 10  | 22 | 11  | 17              | 0.0                        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0             |
| 30310C  | SYDNEY, N.S.<br>COUNTY JAIL                 | 47                                  | 39  | 30  | 25 | 34  | 35              | 0.2                        | 0.2 | 0.2 | 0.2 | 0.3 | 0.2             |
| 30311R  | WHITNEY PIER FIRE STN.                      | 95                                  | 51  | 19  | 38 | 27  | 46              | 0.3                        | 0.2 | 0.0 | 0.1 | 0.1 | 0.1             |
| 30409R  | GLACE BAY, N.S.<br>SOUTH STREET             | 31                                  | 33  | 28  | 23 | 41  | 31              | 0.0                        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0             |
| 40102C  | FREDERICTON, N.B.<br>YORK STREET            | 55                                  | 14  | 21  | 44 | 29  | 33              | 0.1                        | 0.0 | 0.1 | 0.2 | 0.1 | 0.1             |
| 40201C  | SAINT JOHN, N.B.<br>110 CHARLOTTE STREET    | 61                                  | 39  | 38  | 29 | 54  | 44              | 0.0                        | 0.1 | 0.2 | 0.0 | 0.1 | 0.1             |
| 50102R  | MONTREAL, QUEBEC<br>JARDIN BOTANIQUE        | -                                   | 27  | 36  | 20 | 32  | 29              | -                          | 0.1 | 0.1 | 0.0 | 0.1 | 0.1             |
| 50103R  | POINTE-AUX-TREMBLES                         | 67                                  | 46  | 46  | 19 | 47  | 45              | -                          | -   | -   | -   | -   | -               |
| 50104C  | 1125 ONTARIO EST                            | 59                                  | 34  | 59  | 9  | 29  | 38              | 0.3                        | 0.3 | 0.3 | 0.1 | 0.1 | 0.2             |
| 50109C  | DUNCAN & DECARIE                            | 142                                 | 191 | 75  | 30 | 73  | 102             | 0.6                        | 0.8 | 0.3 | 0.2 | 0.4 | 0.5             |
| 50110C  | PARC PILON, MTL.-NORD                       | 50                                  | 31  | 70  | 21 | 31  | 41              | -                          | -   | -   | -   | -   | -               |
| 50112C  | BOUL. LAURENTIDES                           | -                                   | -   | -   | -  | -   | -               | -                          | -   | -   | -   | -   | -               |
| 50113R  | PIE X & CARDINAL                            | -                                   | -   | -   | -  | -   | -               | -                          | -   | -   | -   | -   | -               |
| 50116R  | 3161 JOSEPH, VERDUN                         | 78                                  | 56  | 112 | 15 | 48  | 62              | 0.3                        | 0.2 | 0.5 | 0.1 | 0.3 | 0.3             |
| 50119R  | 699 CURE POIRIER                            | -                                   | -   | -   | -  | -   | -               | -                          | -   | -   | -   | -   | -               |
| 50203R  | HULL, QUEBEC<br>GAMBLIN & JOFFRE            | 42                                  | 21  | 20  | 10 | 20  | 23              | 0.3                        | 0.1 | 0.1 | 0.0 | 0.0 | 0.1             |
| 50303I  | QUEBEC, QUEBEC<br>CENTRE LOISIRS LIMOILLOU  | -                                   | -   | -   | -  | -   | -               | -                          | -   | -   | -   | -   | -               |
| 50306R  | 2026 BLVD. ST-CYRILLE                       | -                                   | -   | -   | -  | -   | -               | -                          | -   | -   | -   | -   | -               |
| 50307C  | PARC CARTIER BREBEOUF                       | -                                   | -   | -   | -  | -   | -               | -                          | -   | -   | -   | -   | -               |
| 50403C  | SHERBROOKE, QUEBEC<br>WELLINGTON & ALBERT   | -                                   | -   | -   | -  | -   | -               | -                          | -   | -   | -   | -   | -               |
| 50502R  | CHICOUTIMI, QUEBEC<br>USINE DE FILTRATION   | -                                   | -   | -   | -  | -   | -               | -                          | -   | -   | -   | -   | -               |
| 50503C  | 222 RACINE                                  | -                                   | -   | -   | -  | -   | -               | -                          | -   | -   | -   | -   | -               |
| 50601C  | ROUYN, QUEBEC<br>HOTEL DE VILLE             | -                                   | -   | -   | -  | -   | -               | -                          | -   | -   | -   | -   | -               |
| 50701C  | SEPT-ILES, QUEBEC<br>HOTEL DE VILLE         | -                                   | -   | -   | -  | -   | -               | -                          | -   | -   | -   | -   | -               |
| 50801R  | TROIS-RIVIERES, QUEBEC<br>HART & STE-CECILE | -                                   | -   | -   | -  | -   | -               | -                          | -   | -   | -   | -   | -               |
| 50901R  | ARVIDA, QUEBEC<br>POWELL & HOOPES           | -                                   | -   | -   | -  | -   | -               | -                          | -   | -   | -   | -   | -               |
| 51201I  | SHAWINIGAN, QUEBEC<br>FRIGON & LAVAL        | -                                   | -   | -   | -  | -   | -               | -                          | -   | -   | -   | -   | -               |
| 51301R  | BAIE COMEAU, QUEBEC<br>39 AVE. MARGUETTE    | -                                   | -   | -   | -  | -   | -               | -                          | -   | -   | -   | -   | -               |
| 60101C  | OTTAWA, ONT.<br>88 SLATER ST.               | 117                                 | 49  | 33  | 29 | 82  | 62              | 0.4                        | 0.2 | 0.1 | 0.1 | 0.1 | 0.2             |
| 60104C  | RIDEAU & WURTEMBERG                         | 50                                  | 32  | 25  | -  | 28  | 34              | 0.3                        | 0.2 | 0.1 | -   | 0.1 | 0.2             |
| 60202C  | WINDSOR, ONT.<br>CITY HALL                  | 86                                  | 75  | 54  | 33 | -   | 62              | -                          | -   | -   | -   | -   | -               |
| 60203R  | TECUMSEH WATER WORKS                        | 65                                  | 53  | 34  | -  | 77  | 57              | 0.1                        | 0.2 | 0.2 | -   | 0.3 | 0.2             |
| 60204C  | 471 UNIVERSITY AVENUE                       | 97                                  | 53  | 58  | -  | 79  | 72              | 0.2                        | 0.1 | 0.1 | -   | 0.4 | 0.2             |
| 60212I  | WATER & WRIGHT AVE.                         | -                                   | 80  | 71  | 68 | 68  | 72              | -                          | -   | -   | -   | -   | -               |
| 60402R  | TORONTO, ONT.<br>DON MILLS, SCIENCE CNTR    | 78                                  | 36  | 39  | 22 | 43  | 44              | 0.4                        | 0.2 | 0.1 | 0.1 | 0.3 | 0.2             |
| 60403I  | EVANS & ARNOLD                              | 88                                  | 23  | 31  | 27 | 79  | 50              | 0.4                        | 0.1 | 0.1 | 0.1 | 0.6 | 0.3             |
| 60409R  | REDLANDS CRESCENT                           | 57                                  | 32  | 26  | -  | -   | 38              | 0.1                        | 0.1 | 0.1 | -   | -   | 0.1             |
| 60410R  | LAWRENCE & KENNEDY                          | 89                                  | 54  | 45  | 28 | 55  | 54              | 0.5                        | 0.3 | 0.2 | 0.2 | 0.4 | 0.3             |
| 60413R  | ELMCREST ROAD                               | 92                                  | 63  | 63  | 29 | 54  | 60              | 0.3                        | 0.2 | 0.2 | 0.1 | 0.2 | 0.2             |
| 60415R  | QUEENSWAY W & HURONTARIO                    | 68                                  | 22  | 43  | 60 | 58  | 50              | 0.1                        | 0.1 | 0.1 | 0.1 | 0.3 | 0.1             |
| 60417C  | 26 BREADALBANE STREET                       | 117                                 | 44  | 64  | 30 | 49  | 61              | 0.5                        | 0.1 | 0.2 | 0.1 | 0.2 | 0.2             |
| 60501C  | HAMILTON, ONT.<br>BARTON & SANFORD          | 106                                 | 52  | 109 | 49 | -   | 79              | 0.3                        | 0.3 | 0.3 | 0.1 | -   | 0.3             |
| 60503I  | CHATHAM & FRID                              | 120                                 | 79  | 92  | 37 | -   | 82              | 0.2                        | 0.2 | 0.2 | 0.1 | -   | 0.2             |
| 60511R  | 467 BEACH BLVD.                             | 61                                  | -   | 48  | 64 | 134 | 77              | 0.2                        | 0.3 | 0.1 | 0.1 | 0.3 | 0.2             |

SUSPENDED PARTICULATE MATTER AND LEAD  
MICROGRAMS PER CUBIC METRE

AUGUST - AOÛT  
1986

PLOMB ET PARTICULES EN SUSPENSION  
MICROGRAMMES PAR METRE CUBE

| STATION | LOCATION<br>EMPLACEMENT                        | *----- PARTICULATES / PARTICULES -----* |     |     |     |    | MEAN<br>MOYENNE | *----- LEAD / PLOMB -----* |     |     |     |     | MEAN<br>MOYENNE |
|---------|------------------------------------------------|-----------------------------------------|-----|-----|-----|----|-----------------|----------------------------|-----|-----|-----|-----|-----------------|
|         |                                                | *----- DAY / JOUR -----*                |     |     |     |    |                 | *----- DAY / JOUR -----*   |     |     |     |     |                 |
|         |                                                | 6                                       | 12  | 18  | 24  | 30 |                 | 6                          | 12  | 18  | 24  | 30  |                 |
| 60602R  | SUDBURY, ONT.<br>ASH STREET                    | 20                                      | 31  | 25  | 12  | 46 | 27              | 0.1                        | 0.1 | 0.1 | 0.1 | 0.1 | 0.1             |
| 60605C  | 19 LISGAR STREET                               | -                                       | 34  | 12  | -   | -  | -               | -                          | 0.1 | 0.1 | -   | -   | -               |
| 60706I  | SAULT STE. MARIE, ONT.<br>FARWELL PUMP HOUSE   | -                                       | 49  | 46  | 39  | -  | 45              | -                          | 0.2 | 0.1 | 0.1 | -   | 0.1             |
| 60801C  | THUNDER BAY, ONT.<br>14 ALGOMA STREET          | 18                                      | 37  | 30  | 21  | 41 | 29              | 0.1                        | 0.1 | 0.1 | 0.1 | 0.1 | 0.1             |
| 60806R  | 435 JAMES S.                                   | 24                                      | 47  | 37  | 28  | 49 | 37              | 0.1                        | 0.1 | 0.1 | 0.1 | 0.1 | 0.1             |
| 60901C  | LONDON, ONT.<br>KING & RECTORY                 | 74                                      | 28  | 54  | 21  | 54 | 46              | 0.2                        | 0.2 | 0.1 | 0.1 | 0.4 | 0.2             |
| 60902C  | 372 DUNDAS                                     | 56                                      | 31  | 49  | 18  | 71 | 45              | 0.1                        | 0.1 | 0.1 | 0.1 | 0.4 | 0.2             |
| 61004R  | SARNIA, ONT.<br>FRONT ST. AT C.N. TRACKS       | 67                                      | 75  | 34  | 23  | 50 | 50              | 0.1                        | 0.1 | 0.1 | 0.1 | 0.2 | 0.1             |
| 61103C  | PETERBOROUGH, ONT.<br>500 GEORGE STREET        | 65                                      | -   | -   | -   | -  | -               | 0.3                        | -   | -   | -   | -   | -               |
| 61201R  | CORNWALL, ONT.<br>MEMORIAL PARK                | -                                       | -   | -   | -   | -  | -               | -                          | -   | -   | -   | -   | -               |
| 61301C  | ST. CATHARINES, ONT.<br>NORTH ST. & GENEVA ST. | 68                                      | 42  | 56  | 227 | 53 | 89              | 0.1                        | 0.2 | 0.4 | 0.1 | 0.2 | 0.2             |
| 61501C  | KITCHENER, ONT.<br>EDNA & FREDERICK            | 67                                      | 45  | 54  | 22  | 60 | 50              | 0.5                        | 0.4 | 0.7 | 0.1 | 0.4 | 0.4             |
| 61602R  | OAKVILLE, ONT.<br>BRONTE AND WOBURN CRES.      | 69                                      | 48  | 42  | 20  | 46 | 45              | 0.2                        | 0.2 | 0.1 | 0.1 | 0.2 | 0.2             |
| 61701R  | OSHAWA, ONT.<br>RITSON RD. & OLIVE AVE.        | 69                                      | 49  | 43  | 25  | 56 | 48              | 0.2                        | 0.2 | 0.1 | 0.1 | 0.4 | 0.2             |
| 61802R  | GUELPH, ONT.<br>EXHIBITION PARK                | 49                                      | 29  | 28  | 17  | 56 | 36              | 0.1                        | 0.1 | 0.1 | 0.1 | 0.3 | 0.1             |
| 70102R  | WINNIPEG, MAN.<br>PORTAGE & WOODLAWN           | 45                                      | 56  | 70  | 42  | -  | 53              | 0.1                        | 0.0 | 0.1 | 0.0 | -   | 0.1             |
| 70118R  | JEFFERSON & SCOTIA                             | 45                                      | 55  | 71  | 35  | 67 | 55              | 0.1                        | 0.1 | 0.1 | 0.0 | 0.1 | 0.1             |
| 70119C  | 65 ELLEN STREET                                | 76                                      | 87  | 104 | 51  | 96 | 83              | 0.2                        | 0.2 | 0.2 | 0.1 | 0.1 | 0.1             |
| 70201C  | BRANDON, MAN.<br>11TH ST. & PRINCESS AVE.      | 59                                      | 61  | 37  | 35  | 6  | 40              | 0.1                        | 0.1 | 0.1 | 0.0 | 0.1 | 0.1             |
| 80102R  | REGINA, SASK.<br>3211 ALBERT STREET            | 24                                      | 33  | 68  | 52  | 62 | 48              | 0.1                        | 0.1 | 0.3 | 0.0 | 0.1 | 0.1             |
| 80109C  | 1620 ALBERT STREET                             | -                                       | -   | -   | -   | -  | -               | -                          | -   | -   | -   | -   | -               |
| 80110C  | 2505 11TH AVENUE                               | -                                       | -   | -   | -   | 68 | -               | -                          | -   | -   | -   | 0.2 | -               |
| 80203R  | SASKATOON, SASK.<br>30TH ST. & 833 P AVE.      | 25                                      | 74  | 72  | 42  | 57 | 54              | 0.1                        | 0.1 | 0.0 | 0.0 | 0.1 | 0.1             |
| 80209C  | IDYLWYLD DR. & 33RD ST.                        | 36                                      | 89  | 61  | 49  | 63 | 60              | 0.2                        | 0.2 | 0.1 | 0.1 | 0.1 | 0.1             |
| 80302C  | MOOSE JAW, SASK.<br>110 OMINICA STREET         | 23                                      | 70  | 98  | 75  | 63 | 66              | 0.1                        | 0.1 | 0.2 | 0.1 | 0.0 | 0.1             |
| 80501C  | ESTEVAN, SASK.<br>1 ST. & 14TH AVE.            | 26                                      | 42  | 42  | 47  | 88 | 49              | 0.0                        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0             |
| 80601C  | LLOYDMINSTER, SASK.<br>44TH ST. & 48TH AVE.    | 134                                     | 133 | 94  | 43  | 62 | 93              | 0.2                        | 0.2 | 0.1 | 0.1 | 0.1 | 0.1             |
| 90121I  | EDMONTON, ALTA.<br>17 STREET & 105 AVENUE      | 74                                      | 95  | 207 | 81  | 64 | 104             | 0.1                        | 0.1 | 0.2 | 0.1 | 0.1 | 0.1             |
| 90122R  | 127 ST. & 133 AVENUE                           | 48                                      | 73  | 82  | 37  | 50 | 58              | 0.2                        | 0.2 | 0.3 | 0.1 | 0.2 | 0.2             |
| 90130C  | 10255 - 104TH STREET                           | 234                                     | 212 | 167 | 72  | 71 | 151             | 0.2                        | 0.3 | 0.3 | 0.1 | 0.2 | 0.2             |
| 90204C  | CALGARY, ALTA.<br>316-7TH AVENUE               | 54                                      | 58  | 105 | 43  | 30 | 58              | 0.2                        | 0.2 | 0.3 | 0.2 | 0.2 | 0.2             |
| 90218I  | BONNY BRK & 18A ST. S.E.                       | 61                                      | 81  | 109 | 61  | 36 | 70              | 0.3                        | 0.1 | 0.4 | 0.2 | 0.1 | 0.2             |
| 90222R  | 39 ST. & 29 AVE. N.W.                          | 52                                      | 46  | 91  | 36  | 22 | 49              | 0.1                        | 0.1 | 0.1 | 0.1 | 0.1 | 0.1             |
| 99001C  | YELLOWKNIFE, N.W.T.<br>50TH AVE. & 49TH STREET | 55                                      | 44  | 51  | 31  | 39 | 44              | 0.2                        | 0.1 | 0.1 | 0.0 | 0.0 | 0.1             |
| 99101C  | NORMAN WELLS, N.W.T.<br>AIRPORT BLDG.          | -                                       | -   | -   | -   | -  | -               | -                          | -   | -   | -   | -   | -               |
| 99201C  | INUVIK, N.W.T.<br>D.I.A.N.D. RESEARCH LAB.     | 61                                      | 81  | -   | -   | -  | -               | 0.1                        | 0.1 | -   | -   | -   | -               |
| 99301C  | IQALUIT, N.W.T.<br>BAY BLDG.                   | -                                       | -   | -   | -   | -  | -               | -                          | -   | -   | -   | -   | -               |
| 00102R  | VANCOUVER, B.C.<br>100 RICHMOND STREET         | 55                                      | 55  | 66  | 34  | 41 | 50              | 0.7                        | 0.5 | 0.7 | 0.5 | 0.2 | 0.5             |
| 00104R  | 27TH & ONTARIO                                 | 30                                      | 47  | 55  | 27  | 34 | 39              | 0.4                        | 0.4 | 0.5 | 0.3 | 0.2 | 0.4             |
| 00106R  | 2294 WEST 10TH AVENUE                          | -                                       | -   | -   | -   | -  | -               | -                          | -   | -   | -   | -   | -               |
| 00108I  | 250 WEST 70TH AVENUE                           | 48                                      | 89  | 151 | 40  | 66 | 79              | 0.6                        | 0.3 | 0.8 | 0.3 | 0.2 | 0.4             |

SUSPENDED PARTICULATE MATTER AND LEAD  
MICROGRAMS PER CUBIC METRE

AUGUST - AOÛT  
1986

PLOMB ET PARTICULES EN SUSPENSION  
MICROGRAMMES PAR METRE CUBE

| STATION | LOCATION<br>EMPLACEMENT                | *----- PARTICULATES / PARTICULES -----* |    |    |    |    | MEAN<br>MOYENNE | *----- LEAD / PLOMB -----* |     |     |     |     | MEAN<br>MOYENNE |
|---------|----------------------------------------|-----------------------------------------|----|----|----|----|-----------------|----------------------------|-----|-----|-----|-----|-----------------|
|         |                                        | 6                                       | 12 | 18 | 24 | 30 |                 | 6                          | 12  | 18  | 24  | 30  |                 |
| 00109C  | 970 BURNARD                            | 58                                      | 65 | 76 | 42 | 45 | 57              | 0.8                        | 0.7 | 1.0 | 0.4 | 0.5 | 0.7             |
| 00110R  | E. HASTINGS & KENSINGTON               | 46                                      | 53 | 51 | 39 | 38 | 45              | 0.4                        | 0.5 | 0.5 | 0.3 | 0.3 | 0.4             |
| 00111I  | ROCKY PT. PARK                         | 44                                      | 45 | 56 | 42 | 31 | 44              | 0.4                        | 0.4 | 0.5 | 0.2 | 0.1 | 0.3             |
| 00113I  | ANNACIS ISLAND, DELTA                  | 74                                      | -  | -  | -  | -  | -               | 0.3                        | -   | -   | -   | -   | -               |
| 00114C  | MUNICIPAL HALL, RICHMOND               | 32                                      | 37 | 49 | 20 | 33 | 34              | 0.1                        | 0.2 | 0.6 | 0.2 | 0.3 | 0.3             |
| 00115R  | NEWTON ELEM. SCH., SURREY              | 67                                      | 31 | 55 | 27 | 33 | 43              | 0.5                        | 0.3 | 1.2 | 0.2 | 0.2 | 0.5             |
| 00116R  | FIRE HALL, N. VANCOUVER                | 47                                      | 53 | 55 | 35 | 42 | 46              | 0.5                        | 0.5 | 0.7 | 0.4 | 0.4 | 0.5             |
| 00117R  | BCIT BURNABY                           | 42                                      | 48 | 52 | 28 | 29 | 40              | 0.5                        | 0.4 | 0.6 | 0.4 | 0.2 | 0.4             |
| 00202C  | PRINCE GEORGE, B.C.<br>1011 4TH AVENUE | -                                       | 42 | 73 | 25 | 43 | 46              | -                          | 0.1 | 0.1 | 0.1 | 0.2 | 0.1             |
| 00303C  | VICTORIA, B.C.<br>1250 QUADRA ST.      | 30                                      | 20 | 29 | 14 | -  | 23              | 0.6                        | 0.2 | 0.3 | 0.1 | -   | 0.3             |
| 00401C  | KAMLOOPS, B.C.<br>301 SEYMOUR ST.      | 43                                      | 32 | -  | 31 | 38 | 36              | 0.3                        | 0.2 | -   | 0.1 | 0.3 | 0.2             |
| 00601C  | PENTICTON, B.C.<br>400 CARMICHAEL AVE. | -                                       | 30 | 36 | -  | 18 | 28              | -                          | 0.2 | 0.2 | -   | 0.2 | 0.2             |
| 09001C  | WHITEHORSE, YUKON<br>FEDERAL BUILDING  | 45                                      | -  | 36 | 23 | 42 | 37              | 0.2                        | -   | 0.1 | 0.2 | 0.2 | 0.2             |

COMBINATION OF SULPHUR DIOXIDE AND  
SUSPENDED PARTICULATES  
1000\*(MICROGRAMS/CU.METRE)\*\*2

AUGUST - AOÛT  
1986

DIOXYDE DE SOUFRE ET  
PARTICULES EN ASSOCIATION  
1000\*(MICROGRAMMES/METRE CUBE)\*\*2

| STATION                                                                                | LOCATION<br>EMPLACEMENT                                                                                                                                                                                          | ----- DAY / JOUR -----                    |                                      |                                           |                                           |                                           |
|----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------|-------------------------------------------|-------------------------------------------|-------------------------------------------|
|                                                                                        |                                                                                                                                                                                                                  | 6                                         | 12                                   | 18                                        | 24                                        | 30                                        |
| 10101C                                                                                 | ST. JOHN'S, Nfld.<br>DUCKWORTH & ORDINANCE                                                                                                                                                                       | -                                         | -                                    | -                                         | -                                         | -                                         |
| 20101C                                                                                 | CHARLOTTETOWN, P.E.I.<br>56 FITZROY ST.                                                                                                                                                                          | 0                                         | 0                                    | 0                                         | 0                                         | 0                                         |
| 30114R<br>30115I                                                                       | HALIFAX, N.S.<br>MT ST VINCENT UNIVERSITY<br>CFB SHEARWATER                                                                                                                                                      | -<br>0                                    | -<br>1                               | -<br>0                                    | -<br>0                                    | -<br>0                                    |
| 30310C<br>30311R                                                                       | SYDNEY, N.S.<br>COUNTY JAIL<br>WHITNEY PIER FIRE STN.                                                                                                                                                            | 0<br>0                                    | 0<br>0                               | 0<br>0                                    | 0<br>0                                    | 0<br>0                                    |
| 30409R                                                                                 | GLACE BAY, N.S.<br>SOUTH STREET                                                                                                                                                                                  | -                                         | -                                    | -                                         | -                                         | -                                         |
| 50102R<br>50103R<br>50104C<br>50109C<br>50110C<br>50112C<br>50113R<br>50116R<br>50119R | MONTREAL, QUEBEC<br>JARDIN BOTANIQUE<br>POINTE-AUX-TREMBLES<br>1125 ONTARIO EST<br>DUNCAN & DECARIE<br>PARC PILON, MTL.-NORD<br>BOUL. LAURENTIDES<br>PIE X & CARDINAL<br>3161 JOSEPH, VERDUN<br>699 CURE POIRIER | -<br>3<br>-<br>-<br>0<br>-<br>-<br>0<br>- | 0<br>1<br>-<br>-<br>0<br>-<br>2<br>- | 1<br>0<br>-<br>-<br>0<br>-<br>-<br>0<br>- | 0<br>1<br>-<br>-<br>0<br>-<br>-<br>0<br>- | 0<br>4<br>-<br>-<br>0<br>-<br>-<br>0<br>- |
| 50203R                                                                                 | HULL, QUEBEC<br>GAMELIN & JOFFRE                                                                                                                                                                                 | 0                                         | 0                                    | 0                                         | 0                                         | -                                         |
| 50303I<br>50306R<br>50307C                                                             | QUEBEC, QUEBEC<br>CENTRE LOISIRS LIMOILLOU<br>2026 BLVD. ST-CYRILLE<br>PARC CARTIER BREBOEUF                                                                                                                     | -<br>-<br>-                               | -<br>-<br>-                          | -<br>-<br>-                               | -<br>-<br>-                               | -<br>-<br>-                               |
| 50601C                                                                                 | ROUYN, QUEBEC<br>HOTEL DE VILLE                                                                                                                                                                                  | -                                         | -                                    | -                                         | -                                         | -                                         |
| 50801R                                                                                 | TROIS-RIVIERES, QUEBEC<br>HART & STE-CECILE                                                                                                                                                                      | -                                         | -                                    | -                                         | -                                         | -                                         |
| 50901R                                                                                 | ARVIDA, QUEBEC<br>POWELL & HOOPES                                                                                                                                                                                | -                                         | -                                    | -                                         | -                                         | -                                         |
| 51201I                                                                                 | SHAWINIGAN, QUEBEC<br>FRIGON & LAVAL                                                                                                                                                                             | -                                         | -                                    | -                                         | -                                         | -                                         |
| 51301R                                                                                 | BAIE COMEAU, QUEBEC<br>39 AVE. MARGUETTE                                                                                                                                                                         | -                                         | -                                    | -                                         | -                                         | -                                         |
| 60101C<br>60104C                                                                       | OTTAWA, ONT.<br>88 SLATER ST.<br>RIDEAU & WURTEMBURG                                                                                                                                                             | 3<br>0                                    | 1<br>0                               | 0<br>0                                    | 0<br>-                                    | 1<br>0                                    |
| 60204C<br>60212I                                                                       | WINDSOR, ONT.<br>471 UNIVERSITY AVENUE<br>WATER & WRIGHT AVE.                                                                                                                                                    | 1<br>-                                    | 1<br>0                               | 0<br>0                                    | -<br>0                                    | 1<br>2                                    |
| 60402R<br>60403I<br>60409R<br>60410R<br>60413R<br>60415R<br>60417C                     | TORONTO, ONT.<br>DON MILLS, SCIENCE CNTR<br>EVANS & ARNOLD<br>REDLANDS CRESCENT<br>LAWRENCE & KENNEDY<br>ELMCREST ROAD<br>QUEENSWAY W & HURONTARIO<br>26 BREADALBANE STREET                                      | -<br>1<br>-<br>1<br>2<br>1<br>1           | -<br>0<br>-<br>0<br>0<br>1<br>0      | -<br>-<br>-<br>0<br>0<br>0<br>0           | -<br>0<br>-<br>0<br>1<br>0<br>0           | -<br>0<br>-<br>0<br>0<br>1<br>0           |
| 60501C<br>60511R                                                                       | HAMILTON, ONT.<br>BARTON & SANFORD<br>467 BEACH BLVD.                                                                                                                                                            | 4<br>1                                    | 0<br>-                               | 2<br>0                                    | 0<br>2                                    | -<br>8                                    |
| 60602R                                                                                 | SUDBURY, ONT.<br>ASH STREET                                                                                                                                                                                      | 0                                         | 3                                    | -                                         | -                                         | -                                         |
| 60706I                                                                                 | SAULT STE. MARIE, ONT.<br>FARWELL PUMP HOUSE                                                                                                                                                                     | -                                         | 2                                    | 0                                         | 0                                         | -                                         |
| 60806R                                                                                 | THUNDER BAY, ONT.<br>435 JAMES S.                                                                                                                                                                                | 0                                         | 0                                    | 0                                         | 0                                         | 0                                         |
| 60901C                                                                                 | LONDON, ONT.<br>KING & RECTORY                                                                                                                                                                                   | 0                                         | 0                                    | 0                                         | 0                                         | 0                                         |
| 61004R                                                                                 | SARNIA, ONT.<br>FRONT ST. AT C.N. TRACKS                                                                                                                                                                         | 0                                         | 0                                    | 0                                         | 0                                         | 1                                         |
| 61103C                                                                                 | PETERBOROUGH, ONT.<br>500 GEORGE STREET                                                                                                                                                                          | 0                                         | -                                    | -                                         | -                                         | -                                         |

COMBINATION OF SULPHUR DIOXIDE AND  
SUSPENDED PARTICULATES  
1000\*(MICROGRAMS/CU.METRE)\*\*2

AUGUST - AOÛT  
1986

DIOXYDE DE SOUFRE ET  
PARTICULES EN ASSOCIATION  
1000\*(MICROGRAMMES/METRE CUBE)\*\*2

| STATION | LOCATION<br>EMPLACEMENT                        | *----- DAY / JOUR -----* |    |    |    |    |
|---------|------------------------------------------------|--------------------------|----|----|----|----|
|         |                                                | 6                        | 12 | 18 | 24 | 30 |
| 61201R  | CORNWALL, ONT.<br>MEMORIAL PARK                | -                        | -  | -  | -  | -  |
| 61301C  | ST. CATHARINES, ONT.<br>NORTH ST. & GENEVA ST. | 1                        | 0  | -  | 0  | 1  |
| 61501C  | KITCHENER, ONT.<br>EDNA & FREDERICK            | 0                        | 0  | 1  | 0  | -  |
| 61602R  | OAKVILLE, ONT.<br>BRONTE AND WOBURN CRES.      | 0                        | 0  | 0  | 0  | 1  |
| 61701R  | OSHAWA, ONT.<br>RITSON RD. & OLIVE AVE.        | 0                        | 0  | 0  | 0  | 0  |
| 61802R  | GUELPH, ONT.<br>EXHIBITION PARK                | 0                        | 0  | 0  | 0  | -  |
| 70118R  | WINNIPEG, MAN.<br>JEFFERSON & SCOTIA           | 0                        | 0  | 0  | 0  | 0  |
| 70119C  | 65 ELLEN STREET                                | 0                        | 0  | 0  | 0  | 0  |
| 80109C  | REGINA, SASK.<br>1620 ALBERT STREET            | -                        | -  | -  | -  | -  |
| 80110C  | 2505 11TH. AVENUE                              | -                        | -  | -  | -  | -  |
| 80209C  | SASKATOON, SASK.<br>IDYLLWYLD DR. & 33RD ST.   | -                        | -  | -  | -  | -  |
| 80501C  | ESTEVA, SASK.<br>1 ST. & 14TH AVE.             | 0                        | 0  | 0  | 0  | 0  |
| 80601C  | LLOYDMINSTER, SASK.<br>44TH ST. & 48TH AVE.    | 0                        | 0  | 0  | 0  | 0  |
| 90121I  | EDMONTON, ALTA.<br>17 STREET & 105 AVENUE      | 1                        | 1  | 3  | 1  | 0  |
| 90218I  | CALGARY, ALTA.<br>BONNY BRK & 18A ST. S.E.     | 0                        | 1  | 1  | 1  | 1  |
| 00106R  | VANCOUVER, B.C.<br>2294 WEST 10TH AVENUE       | -                        | -  | -  | -  | -  |
| 00110R  | E. HASTINGS & KENSINGTON                       | 1                        | 1  | 1  | 0  | 0  |
| 00111I  | ROCKY PT. PARK                                 | 1                        | -  | 1  | 0  | 0  |
| 00303C  | VICTORIA, B.C.<br>1250 QUADRA ST.              | 0                        | 0  | 0  | 0  | -  |
| 00401C  | KAMLOOPS, B.C.<br>301 SEYMOUR ST.              | 0                        | 0  | -  | 0  | 0  |

DUSTFALL  
GRAMS PER SQUARE METRE PER 30 DAYS  
SULPHATION RATES  
MILLIGRAMS PER 100 CM2 PER DAY

AUGUST - AOUT  
1986

RETOMBÉES DE POUSSIÈRES  
GRAMMES PAR MÈTRE CARRÉ PAR 30 JOURS  
INDICES DE FORMATION DE SULFATE  
MILLIGRAMMES PAR 100 CM2 PAR JOUR

| STATION                | LOCATION<br>EMPLACEMENT   | DUSTFALL<br>RETOMBÉES DE POUSSIÈRES | S03    |
|------------------------|---------------------------|-------------------------------------|--------|
| TORONTO, ONT.          |                           |                                     |        |
| 60403I                 | EVANS & ARNOLD            | -                                   | -      |
| 60404R                 | 5126 YONGE STREET         | -                                   | -      |
| 60405I                 | JOHN STREET PUMP STATION  | -                                   | -      |
| 60406R                 | ROSEHILL RESERVOIR        | -                                   | -      |
| 60408C                 | DANFORTH & ROBINSON       | -                                   | -      |
| HAMILTON, ONT.         |                           |                                     |        |
| 60501C                 | BARTON & SANFORD          | 3.7                                 | -      |
| 60502I                 | BURLINGTON & GAGE         | 11.8                                | -      |
| 60503I                 | CHATHAM & FRID            | 5.8                                 | -      |
| 60507C                 | HUGHSON & HUNTER          | 3.3                                 | -      |
| SAULT STE. MARIE, ONT. |                           |                                     |        |
| 60702R                 | ANNA MCREEA PUBLIC SCHOOL | 3.9                                 | -      |
| 60703I                 | BAYVIEW & YOUNG           | 7.4                                 | -      |
| THUNDER BAY, ONT.      |                           |                                     |        |
| 60801C                 | 14 ALGOMA STREET          | -                                   | -      |
| EDMONTON, ALTA.        |                           |                                     |        |
| 90125C                 | PRINS ELIZABETH & 108 ST  | 3.2                                 | 0.0 ** |
| 90126R                 | 77 AVENUE & 85 STREET     | 3.2                                 | 0.0 ** |
| 90127I                 | 115 AVENUE & 159 STREET   | 19.6                                | 0.0 ** |
| 90128R                 | 99 AVENUE & 160 STREET    | 1.7                                 | 0.0 ** |
| CALGARY, ALTA.         |                           |                                     |        |
| 90219C                 | 620-7TH AVENUE, S.W.      | 21.1                                | 0.0 ** |
| 90221R                 | DALHOUSIE DR & DALHAM DR  | 1.1                                 | 0.0 ** |
| 90223C                 | 11 ST. & 38 AVE. S.E.     | 7.6                                 | 0.0 ** |
| 90224I                 | OGDENDALE & 71 AVE S.E.   | 5.6                                 | 0.0 ** |
| 90225R                 | PALLISER DR & OAKWOOD SW  | 3.9                                 | 0.0 ** |
| 90226I                 | SHEPPARD & 84 AVE S.E.    | 2.2                                 | 0.0 ** |

\*\* INDICATES LEAD PEROXIDE PLATE  
DENOTE LA PLAQUE DE PEROXYDE DE PLOMB