

**National Air  
Pollution Surveillance**

**Surveillance nationale  
de la pollution  
atmosphérique**

**Monthly Summary**

**Extrait mensuel**

**Report EPS 7/AP/10-89  
October 1989**

**Rapport SPE 7/AP/10-89  
Octobre 1989**



**Environment Canada  
Environnement Canada**

**Canada**

SULPHUR DIOXIDE  
PARTS PER HUNDRED MILLIONOCTOBER - OCTOBRE  
1989DIOXYDE 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                                           |    |    |     | 24-HOUR / HEURES    |    |    |     |
|         |                                             |                                                              |                                         | 1-HOUR / HEURE                                                    |    |    |     |                     |    |    |     |
|         |                                             |                                                              |                                         | 70                                                                | 95 | 99 | MAX | 70                  | 95 | 99 | MAX |
| 10102C  | ST. JOHN'S, NFLD.<br>354 WATER STREET       | 713                                                          | 0.6                                     | 1                                                                 | 2  | 3  | 3   | 1                   | 1  | 1  | 1   |
| 20101C  | CHARLOTTETOWN, P.E.I.<br>56 FITZROY ST.     | 713                                                          | 0.2                                     | 0                                                                 | 1  | 1  | 2   | 0                   | 0  | 1  | 1   |
| 30115I  | HALIFAX, N.S.<br>CFB SHEARWATER             | 730                                                          | 1.3                                     | 1                                                                 | 3  | 7  | 16  | 2                   | 3  | 3  | 3   |
| 30117C  | BEDFORD ROW POST OFFICE                     | 447                                                          | 1.0                                     | 1                                                                 | 3  | 4  | 5   | 1                   | 2  | 3  | 3   |
| 30310C  | SYDNEY, N.S.<br>COUNTY JAIL                 | 713                                                          | 0.2                                     | 0                                                                 | 1  | 2  | 3   | 0                   | 1  | 1  | 1   |
| 30409R  | GLACE BAY, N.S.<br>SOUTH STREET             | 682                                                          | 0.1                                     | 0                                                                 | 1  | 2  | 4   | 0                   | 0  | 1  | 1   |
| 40202C  | SAINT JOHN, N.B.<br>POST OFFICE             | 0                                                            | ---                                     | -                                                                 | -  | -  | -   | -                   | -  | -  | -   |
| 40203R  | FOREST HILLS                                | 0                                                            | ---                                     | -                                                                 | -  | -  | -   | -                   | -  | -  | -   |
| 50102R  | MONTREAL, QUEBEC<br>JARDIN BOTANIQUE        | 720                                                          | 0.9                                     | 1                                                                 | 2  | 3  | 4   | 1                   | 2  | 3  | 3   |
| 50103R  | POINTE-AUX-TREMBLES                         | 730                                                          | 1.5                                     | 2                                                                 | 4  | 9  | 23  | 2                   | 3  | 4  | 4   |
| 50104C  | 1125 ONTARIO EST                            | 703                                                          | 0.7                                     | 1                                                                 | 2  | 3  | 5   | 1                   | 2  | 2  | 2   |
| 50109C  | DUNCAN & DECARIE                            | 129                                                          | ---                                     | 0                                                                 | 2  | 2  | 2   | 0                   | 1  | 1  | 1   |
| 50110C  | PARC PILON, MTL.-NORD                       | 0                                                            | ---                                     | -                                                                 | -  | -  | -   | -                   | -  | -  | -   |
| 50112C  | BOUL. LAURENTIDES                           | 153                                                          | ---                                     | 0                                                                 | 1  | 1  | 1   | 0                   | 1  | 1  | 1   |
| 50113R  | PIE X & CARDINAL                            | 703                                                          | 0.4                                     | 1                                                                 | 1  | 2  | 3   | 0                   | 1  | 2  | 2   |
| 50115C  | 1001 BOUL MAISONNEUVE O.                    | 740                                                          | 1.1                                     | 1                                                                 | 2  | 3  | 4   | 1                   | 2  | 3  | 3   |
| 50116R  | 3161 JOSEPH, VERDUN                         | 669                                                          | 0.2                                     | 0                                                                 | 1  | 2  | 2   | 0                   | 1  | 1  | 1   |
| 50117R  | 7405 CHAMPAGNEUR                            | 719                                                          | 0.8                                     | 1                                                                 | 2  | 3  | 4   | 1                   | 2  | 2  | 3   |
| 50118R  | 820 ST. GERMAIN                             | 631                                                          | 0.3                                     | 0                                                                 | 1  | 2  | 2   | 0                   | 1  | 1  | 1   |
| 50119R  | 699 CURE POIRIER                            | 713                                                          | 0.3                                     | 0                                                                 | 1  | 3  | 4   | 0                   | 1  | 2  | 2   |
| 50120R  | 4TH. AVE. SOUTH, ROXBORO                    | 271                                                          | ---                                     | 1                                                                 | 3  | 3  | 6   | 1                   | 2  | 2  | 2   |
| 50203R  | HULL, QUEBEC<br>GAMBLIN & JOFFRE            | 735                                                          | 0.5                                     | 1                                                                 | 1  | 2  | 2   | 1                   | 1  | 1  | 1   |
| 50303I  | QUEBEC, QUEBEC<br>CENTRE LOISIRS LIMOILLOU  | 0                                                            | ---                                     | -                                                                 | -  | -  | -   | -                   | -  | -  | -   |
| 50306R  | 2026 BLVD. ST-CYRILLE                       | 214                                                          | ---                                     | 0                                                                 | 1  | 2  | 3   | 1                   | 1  | 1  | 1   |
| 50307C  | PARC CARTIER BREBOEUF                       | 713                                                          | 0.6                                     | 1                                                                 | 2  | 4  | 11  | 1                   | 2  | 3  | 3   |
| 50601C  | ROUYN, QUEBEC<br>HOTEL DE VILLE             | 695                                                          | 0.5                                     | 0                                                                 | 2  | 17 | 29  | 0                   | 2  | 10 | 10  |
| 50801R  | TROIS-RIVIERES, QUEBEC<br>HART & STE-CECILE | 713                                                          | 1.0                                     | 1                                                                 | 4  | 6  | 7   | 1                   | 3  | 5  | 6   |
| 50901R  | ARVIDA, QUEBEC<br>POWELL & HOOPES           | 711                                                          | 1.8                                     | 1                                                                 | 11 | 15 | 16  | 2                   | 8  | 10 | 11  |
| 51201I  | SHAWINIGAN, QUEBEC<br>FRIGON & LAVAL        | 710                                                          | 2.6                                     | 2                                                                 | 11 | 25 | 40  | 3                   | 7  | 8  | 14  |
| 51302R  | BAIE COMEAU, QUEBEC<br>39 AVENUE MANCE      | 705                                                          | 0.6                                     | 0                                                                 | 3  | 11 | 34  | 1                   | 3  | 5  | 5   |
| 60101C  | OTTAWA, ONT.<br>88 SLATER ST.               | 719                                                          | 0.2                                     | 0                                                                 | 1  | 1  | 1   | 0                   | 1  | 1  | 1   |
| 60104C  | RIDEAU & WURTEMBERG                         | 717                                                          | 0.4                                     | 1                                                                 | 1  | 2  | 2   | 1                   | 1  | 1  | 1   |
| 60204C  | WINDSOR, ONT.<br>471 UNIVERSITY AVENUE      | 695                                                          | 0.7                                     | 1                                                                 | 3  | 4  | 6   | 1                   | 2  | 3  | 3   |
| 60211R  | COLLEGE & PRINCE                            | 740                                                          | 0.9                                     | 1                                                                 | 2  | 4  | 6   | 1                   | 2  | 2  | 2   |
| 60212I  | WATER & WRIGHT AVE.                         | 737                                                          | 0.7                                     | 1                                                                 | 3  | 4  | 6   | 1                   | 2  | 2  | 2   |
| 60402R  | TORONTO, ONT.<br>DON MILLS, SCIENCE CNTR    | 744                                                          | 0.3                                     | 0                                                                 | 2  | 2  | 3   | 0                   | 1  | 2  | 2   |
| 60403I  | EVANS & ARNOLD                              | 744                                                          | 1.3                                     | 1                                                                 | 3  | 4  | 5   | 2                   | 3  | 3  | 3   |
| 60409R  | REDLANDS CRESCENT                           | 744                                                          | 0.1                                     | 0                                                                 | 1  | 2  | 7   | 0                   | 0  | 1  | 1   |
| 60410R  | LAWRENCE & KENNEDY                          | 744                                                          | 1.0                                     | 1                                                                 | 4  | 6  | 10  | 1                   | 3  | 3  | 4   |
| 60413R  | ELMCREST ROAD                               | 744                                                          | 0.6                                     | 1                                                                 | 2  | 4  | 7   | 1                   | 2  | 2  | 3   |
| 60415R  | QUEENSWAY W & HURONTARIO                    | 744                                                          | 0.3                                     | 0                                                                 | 2  | 4  | 7   | 0                   | 1  | 2  | 2   |
| 60417C  | 26 BREADALBANE STREET                       | 740                                                          | 0.9                                     | 1                                                                 | 3  | 4  | 6   | 2                   | 2  | 3  | 3   |
| 60501C  | HAMILTON, ONT.<br>BARTON & SANFORD          | 744                                                          | 0.9                                     | 1                                                                 | 4  | 6  | 9   | 1                   | 3  | 3  | 3   |
| 60511R  | 467 BEACH BLVD.                             | 739                                                          | 1.9                                     | 2                                                                 | 5  | 7  | 11  | 2                   | 4  | 5  | 6   |
| 60512C  | BEASLEY PARK                                | 739                                                          | 0.9                                     | 1                                                                 | 3  | 4  | 7   | 1                   | 2  | 3  | 3   |
| 60602R  | SUDBURY, ONT.<br>ASH STREET                 | 739                                                          | 0.6                                     | 1                                                                 | 2  | 8  | 25  | 1                   | 2  | 3  | 3   |
| 60606C  | KENNEDY STREET                              | 741                                                          | 0.7                                     | 1                                                                 | 2  | 9  | 26  | 1                   | 2  | 4  | 4   |

--- 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 MILLIONOCTOBER - OCTOBRE  
1989DIOXYDE 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 |    |    |     | INTERVALS - INTERVALLES |    |    |     | MEANS ---- MOYENNES |    |    |     |
|---------|-------------------------------------------------|--------------------------------------------------------------|-----------------------------------------|-------------------------------------------------------------------|----|----|-----|-------------------------|----|----|-----|---------------------|----|----|-----|
|         |                                                 |                                                              |                                         | 1-HOUR / HEURE                                                    |    |    |     | 24-HOUR / HEURES        |    |    |     |                     |    |    |     |
|         |                                                 |                                                              |                                         | 70                                                                | 95 | 99 | MAX | 70                      | 95 | 99 | MAX | 70                  | 95 | 99 | MAX |
| 60607R  | SCIENCE CENTRE NORTH                            | 733                                                          | 1.2                                     | 1                                                                 | 5  | 14 | 56  | 1                       | 4  | 6  | 6   |                     |    |    |     |
| 60707I  | SAULT STE. MARIE, ONT.<br>WM. MERRIFIELD SCHOOL | 742                                                          | 0.2                                     | 0                                                                 | 1  | 4  | 6   | 0                       | 1  | 2  | 2   |                     |    |    |     |
| 60807R  | THUNDER BAY, ONT.<br>615 JAMES STREET SOUTH     | 742                                                          | 0.0                                     | 0                                                                 | 0  | 1  | 2   | 0                       | 0  | 1  | 1   |                     |    |    |     |
| 60901C  | LONDON, ONT.<br>KING & RECTORY                  | 738                                                          | 0.9                                     | 1                                                                 | 2  | 3  | 6   | 1                       | 2  | 3  | 3   |                     |    |    |     |
| 61004R  | SARNIA, ONT.<br>FRONT ST. AT C.N. TRACKS        | 737                                                          | 0.9                                     | 0                                                                 | 6  | 9  | 11  | 1                       | 3  | 5  | 5   |                     |    |    |     |
| 61103C  | PETERBOROUGH, ONT.<br>500 GEORGE STREET         | 718                                                          | 0.3                                     | 0                                                                 | 2  | 2  | 4   | 0                       | 1  | 1  | 1   |                     |    |    |     |
| 61201R  | CORNWALL, ONT.<br>MEMORIAL PARK                 | 743                                                          | 0.6                                     | 0                                                                 | 4  | 6  | 8   | 1                       | 3  | 3  | 3   |                     |    |    |     |
| 61302C  | ST. CATHARINES, ONT.<br>ARGYLE CRESCENT         | 734                                                          | 1.0                                     | 1                                                                 | 3  | 3  | 7   | 1                       | 2  | 3  | 3   |                     |    |    |     |
| 61501C  | KITCHENER, ONT.<br>EDNA & FREDERICK             | 742                                                          | 0.3                                     | 0                                                                 | 2  | 3  | 4   | 0                       | 1  | 2  | 2   |                     |    |    |     |
| 61602R  | OAKVILLE, ONT.<br>BRONTE AND WOBURN CRES.       | 744                                                          | 0.7                                     | 1                                                                 | 2  | 4  | 5   | 1                       | 2  | 3  | 3   |                     |    |    |     |
| 61701R  | OSHAWA, ONT.<br>RITSON RD. & OLIVE AVE.         | 744                                                          | 0.7                                     | 1                                                                 | 2  | 3  | 5   | 1                       | 2  | 2  | 2   |                     |    |    |     |
| 61802R  | GUELPH, ONT.<br>EXHIBITION PARK                 | 743                                                          | 0.4                                     | 1                                                                 | 2  | 3  | 5   | 0                       | 2  | 2  | 2   |                     |    |    |     |
| 62001R  | NORTH BAY, ONT.<br>O.P.P. STATION               | 743                                                          | 0.3                                     | 0                                                                 | 1  | 2  | 6   | 0                       | 1  | 1  | 1   |                     |    |    |     |
| 70118R  | WINNIPEG, MAN.<br>JEFFERSON & SCOTIA            | 703                                                          | 0.1                                     | 0                                                                 | 0  | 1  | 3   | 0                       | 0  | 1  | 1   |                     |    |    |     |
| 70119C  | 65 ELLEN STREET                                 | 686                                                          | 0.1                                     | 0                                                                 | 0  | 1  | 4   | 0                       | 0  | 1  | 1   |                     |    |    |     |
| 80110C  | REGINA, SASK.<br>2505 11TH. AVENUE              | 707                                                          | 0.1                                     | 0                                                                 | 0  | 1  | 2   | 0                       | 0  | 1  | 1   |                     |    |    |     |
| 80209C  | SASKATOON, SASK.<br>IDYLWYLD DR. & 33RD ST.     | 701                                                          | 0.0                                     | 0                                                                 | 0  | 0  | 0   | 0                       | 0  | 0  | 0   |                     |    |    |     |
| 90121I  | EDMONTON, ALTA.<br>17 STREET & 105 AVENUE       | 732                                                          | 0.3                                     | 0                                                                 | 1  | 1  | 3   | 0                       | 1  | 1  | 1   |                     |    |    |     |
| 90218I  | CALGARY, ALTA.<br>BONNY BRK & 18A ST. S.E.      | 741                                                          | 0.4                                     | 0                                                                 | 1  | 1  | 1   | 0                       | 1  | 1  | 1   |                     |    |    |     |
| 00110R  | VANCOUVER, B.C.<br>E. HASTINGS & KENSINGTON     | 726                                                          | 0.7                                     | 1                                                                 | 2  | 4  | 5   | 1                       | 1  | 2  | 2   |                     |    |    |     |
| 00111I  | ROCKY PT. PARK                                  | 734                                                          | 0.4                                     | 0                                                                 | 1  | 2  | 5   | 1                       | 1  | 1  | 1   |                     |    |    |     |
| 00112C  | ROBSON/HORNBY                                   | 721                                                          | 0.7                                     | 1                                                                 | 1  | 2  | 4   | 1                       | 1  | 1  | 1   |                     |    |    |     |
| 00118R  | 2550 WEST 10TH AVENUE                           | 731                                                          | 0.5                                     | 1                                                                 | 1  | 2  | 2   | 1                       | 1  | 1  | 1   |                     |    |    |     |
| 00303C  | VICTORIA, B.C.<br>1250 QUADRA ST.               | 0                                                            | ---                                     | -                                                                 | -  | -  | -   | -                       | -  | -  | -   |                     |    |    |     |
| 00401C  | KAMLOOPS, B.C.<br>301 SEYMOUR ST.               | 0                                                            | ---                                     | -                                                                 | -  | -  | -   | -                       | -  | -  | -   |                     |    |    |     |

CARBON MONOXIDE  
PARTS PER MILLIONOCTOBER - OCTOBRE  
1989MONOXYDE 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 |    |    |     |                 |    |    |     |                  |    |    |     |
|---------|-------------------------------------------------|--------------------------------------------------------------|-----------------------------------------|-------------------------------------------------------------------|----|----|-----|-----------------|----|----|-----|------------------|----|----|-----|
|         |                                                 |                                                              |                                         | INTERVALS - INTERVALLES                                           |    |    |     | MEANS           |    |    |     | MOYENNES         |    |    |     |
|         |                                                 |                                                              |                                         | 1-HOUR / HEURE                                                    |    |    |     | 8-HOUR / HEURES |    |    |     | 24-HOUR / HEURES |    |    |     |
|         |                                                 |                                                              |                                         | 70                                                                | 95 | 99 | MAX | 70              | 95 | 99 | MAX | 70               | 95 | 99 | MAX |
| 10102C  | ST. JOHN'S, NFLD.<br>354 WATER STREET           | 0                                                            | ---                                     | -                                                                 | -  | -  | -   | -               | -  | -  | -   | -                | -  | -  | -   |
| 30117C  | HALIFAX, N.S.<br>BEDFORD ROW POST OFFICE        | 744                                                          | 0.7                                     | 1                                                                 | 2  | 3  | 5   | 1               | 2  | 2  | 3   | 1                | 1  | 2  | 2   |
| 40202C  | SAINT JOHN, N.B.<br>POST OFFICE                 | 0                                                            | ---                                     | -                                                                 | -  | -  | -   | -               | -  | -  | -   | -                | -  | -  | -   |
| 50102R  | MONTREAL, QUEBEC<br>JARDIN BOTANIQUE            | 720                                                          | ***                                     | 0                                                                 | 1  | 3  | 5   | 0               | 1  | 2  | 2   | 0                | 1  | 1  | 1   |
| 50103R  | POINTE-AUX-TREMBLES                             | 549                                                          | ***                                     | 0                                                                 | 1  | 2  | 3   | 0               | 1  | 2  | 2   | 0                | 1  | 2  | 2   |
| 50104C  | 1125 ONTARIO EST                                | 704                                                          | 0.9                                     | 1                                                                 | 2  | 3  | 4   | 1               | 2  | 2  | 3   | 1                | 2  | 2  | 2   |
| 50109C  | DUNCAN & DECARIE                                | 640                                                          | 1.3                                     | 2                                                                 | 3  | 5  | 5   | 2               | 3  | 4  | 4   | 2                | 3  | 3  | 3   |
| 50110C  | PARC PILON, MTL.-NORD                           | 0                                                            | ---                                     | -                                                                 | -  | -  | -   | -               | -  | -  | -   | -                | -  | -  | -   |
| 50112C  | BOUL. LAURENTIDES                               | 31                                                           | ---                                     | 1                                                                 | 3  | 3  | 3   | 1               | 2  | 2  | 2   | 0                | 0  | 0  | 0   |
| 50113R  | PIE X & CARDINAL                                | 712                                                          | 0.6                                     | 1                                                                 | 2  | 4  | 7   | 1               | 2  | 2  | 3   | 1                | 2  | 2  | 2   |
| 50115C  | 1001 BOUL MAISONNEUVE O.                        | 740                                                          | 1.3                                     | 2                                                                 | 4  | 6  | 8   | 2               | 3  | 5  | 5   | 2                | 2  | 3  | 3   |
| 50116R  | 3161 JOSEPH, VERDUN                             | 669                                                          | ***                                     | 0                                                                 | 1  | 1  | 2   | 0               | 1  | 1  | 1   | 0                | 1  | 1  | 1   |
| 50119R  | 699 CURE POIRIER                                | 714                                                          | 0.7                                     | 1                                                                 | 2  | 3  | 4   | 1               | 2  | 2  | 2   | 1                | 1  | 2  | 2   |
| 50120R  | 4TH. AVE. SOUTH, ROXBORO                        | 0                                                            | ---                                     | -                                                                 | -  | -  | -   | -               | -  | -  | -   | -                | -  | -  | -   |
| 50203R  | HULL, QUEBEC<br>GAMELIN & JOFFRE                | 735                                                          | 0.6                                     | 1                                                                 | 2  | 3  | 3   | 1               | 1  | 2  | 3   | 1                | 1  | 2  | 2   |
| 50307C  | QUEBEC, QUEBEC<br>PARC CARTIER BREBOEUF         | 690                                                          | 0.8                                     | 1                                                                 | 3  | 5  | 6   | 1               | 2  | 4  | 4   | 1                | 2  | 2  | 3   |
| 60101C  | OTTAWA, ONT.<br>88 SLATER ST.                   | 732                                                          | 1.5                                     | 2                                                                 | 4  | 5  | 7   | 2               | 4  | 4  | 5   | 2                | 3  | 3  | 3   |
| 60104C  | RIDEAU & WURTEMBERG                             | 718                                                          | 0.6                                     | 1                                                                 | 2  | 3  | 7   | 1               | 2  | 2  | 2   | 1                | 2  | 2  | 2   |
| 60204C  | WINDSOR, ONT.<br>471 UNIVERSITY AVENUE          | 725                                                          | 1.4                                     | 1                                                                 | 3  | 6  | 12  | 1               | 3  | 5  | 7   | 1                | 3  | 4  | 4   |
| 60402R  | TORONTO, ONT.<br>DON MILLS, SCIENCE CNTR        | 646                                                          | 0.5                                     | 1                                                                 | 2  | 3  | 4   | 1               | 2  | 3  | 3   | 1                | 2  | 2  | 2   |
| 60403I  | EVANS & ARNOLD                                  | 744                                                          | 1.4                                     | 1                                                                 | 4  | 6  | 8   | 2               | 4  | 5  | 5   | 2                | 3  | 4  | 4   |
| 60410R  | LAWRENCE & KENNEDY                              | 744                                                          | 1.5                                     | 2                                                                 | 4  | 7  | 11  | 2               | 4  | 6  | 7   | 2                | 4  | 5  | 5   |
| 60413R  | ELMCREST ROAD                                   | 744                                                          | 1.3                                     | 1                                                                 | 5  | 6  | 7   | 1               | 4  | 5  | 6   | 1                | 4  | 4  | 4   |
| 60415R  | QUEENSWAY W & HURONTARIO                        | 744                                                          | 1.5                                     | 2                                                                 | 6  | 9  | 15  | 2               | 6  | 7  | 8   | 1                | 5  | 6  | 6   |
| 60416C  | 381 YONGE STREET                                | 653                                                          | 3.0                                     | 3                                                                 | 7  | 13 | 17  | 4               | 7  | 10 | 13  | 3                | 7  | 8  | 8   |
| 60417C  | 26 BREADALBANE STREET                           | 744                                                          | 1.3                                     | 1                                                                 | 4  | 6  | 10  | 1               | 4  | 5  | 6   | 1                | 3  | 4  | 4   |
| 60511R  | HAMILTON, ONT.<br>467 BEACH BLVD.               | 0                                                            | ---                                     | -                                                                 | -  | -  | -   | -               | -  | -  | -   | -                | -  | -  | -   |
| 60512C  | BEASLEY PARK                                    | 739                                                          | 1.3                                     | 1                                                                 | 3  | 4  | 9   | 1               | 3  | 4  | 4   | 2                | 3  | 3  | 3   |
| 60607R  | SUDBURY, ONT.<br>SCIENCE CENTRE NORTH           | 743                                                          | ***                                     | 1                                                                 | 1  | 2  | 4   | 1               | 1  | 2  | 2   | 1                | 1  | 1  | 1   |
| 60707I  | SAULT STE. MARIE, ONT.<br>WM. MERRIFIELD SCHOOL | 0                                                            | ---                                     | -                                                                 | -  | -  | -   | -               | -  | -  | -   | -                | -  | -  | -   |
| 60807R  | THUNDER BAY, ONT.<br>615 JAMES STREET SOUTH     | 737                                                          | ***                                     | 1                                                                 | 2  | 3  | 4   | 1               | 1  | 2  | 2   | 1                | 1  | 1  | 2   |
| 60901C  | LONDON, ONT.<br>KING & RECTORY                  | 738                                                          | 1.3                                     | 1                                                                 | 3  | 6  | 13  | 1               | 3  | 4  | 5   | 2                | 3  | 3  | 4   |
| 61004R  | SARNIA, ONT.<br>FRONT ST. AT C.N. TRACKS        | 739                                                          | ***                                     | 1                                                                 | 1  | 3  | 5   | 1               | 1  | 2  | 2   | 1                | 1  | 1  | 2   |
| 61201R  | CORNWALL, ONT.<br>MEMORIAL PARK                 | 744                                                          | 0.7                                     | 1                                                                 | 1  | 2  | 11  | 1               | 1  | 3  | 4   | 1                | 1  | 2  | 2   |
| 61302C  | ST. CATHARINES, ONT.<br>ARGYLE CRESCENT         | 740                                                          | 1.0                                     | 1                                                                 | 3  | 5  | 7   | 1               | 2  | 3  | 4   | 1                | 2  | 2  | 2   |
| 61501C  | KITCHENER, ONT.<br>EDNA & FREDERICK             | 743                                                          | 1.6                                     | 2                                                                 | 5  | 7  | 10  | 2               | 4  | 5  | 6   | 2                | 3  | 4  | 4   |
| 61602R  | OAKVILLE, ONT.<br>BRONTE AND WOBURN CRES.       | 743                                                          | 1.1                                     | 1                                                                 | 3  | 4  | 8   | 1               | 3  | 3  | 4   | 1                | 2  | 3  | 3   |
| 61701R  | OSHAWA, ONT.<br>RITSON RD. & OLIVE AVE.         | 743                                                          | 1.3                                     | 1                                                                 | 5  | 10 | 13  | 2               | 5  | 7  | 9   | 2                | 4  | 5  | 5   |
| 62001R  | NORTH BAY, ONT.<br>O.P.P. STATION               | 744                                                          | 1.2                                     | 1                                                                 | 2  | 4  | 7   | 1               | 2  | 2  | 4   | 1                | 2  | 2  | 2   |
| 70118R  | WINNIPEG, MAN.<br>JEFFERSON & SCOTIA            | 703                                                          | 0.6                                     | 1                                                                 | 2  | 3  | 7   | 1               | 1  | 3  | 4   | 1                | 1  | 2  | 2   |
| 70119C  | 65 ELLEN STREET                                 | 700                                                          | 1.0                                     | 1                                                                 | 2  | 4  | 7   | 1               | 2  | 3  | 4   | 1                | 2  | 2  | 2   |

\*\*\* 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 MILLIONOCTOBER - OCTOBRE  
1989MONOXYDE 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   |    | 1-HOUR / HEURE |     | 8-HOUR / HEURES                         |    | 24-HOUR / HEURES |     |                  |    |    |     |
|         |                                            |                                                              |                                         | 70                        | 95 | 99             | MAX | 70                                      | 95 | 99               | MAX | 70               | 95 | 99 | MAX |
| 80110C  | REGINA, SASK.<br>2505 11TH. AVENUE         | 738                                                          | 1.3                                     | 1                         | 3  | 8              | 22  | 1                                       | 3  | 8                | 14  | 1                | 3  | 6  | 6   |
| 80209C  | SASKATOON, SASK.<br>IDYLYLD DR. & 33RD ST. | 732                                                          | 0.7                                     | 1                         | 2  | 2              | 7   | 1                                       | 1  | 3                | 4   | 1                | 1  | 2  | 2   |
| 90121I  | EDMONTON, ALTA.<br>17 STREET & 105 AVENUE  | 738                                                          | 0.6                                     | 1                         | 2  | 2              | 4   | 1                                       | 1  | 2                | 2   | 1                | 1  | 1  | 1   |
| 90122R  | 127 ST. & 133 AVENUE                       | 742                                                          | 1.4                                     | 1                         | 4  | 8              | 12  | 2                                       | 3  | 5                | 5   | 2                | 3  | 3  | 3   |
| 90130C  | 10255 - 104TH STREET                       | 734                                                          | 1.9                                     | 2                         | 4  | 6              | 8   | 2                                       | 4  | 4                | 5   | 2                | 3  | 4  | 4   |
| 90222R  | CALGARY, ALTA.<br>39 ST. & 29 AVE. N.W.    | 742                                                          | 0.7                                     | 1                         | 2  | 4              | 9   | 1                                       | 2  | 2                | 3   | 1                | 1  | 2  | 2   |
| 90227C  | 611-4TH STREET S.W.                        | 738                                                          | 1.5                                     | 2                         | 4  | 7              | 11  | 2                                       | 3  | 4                | 5   | 2                | 3  | 3  | 4   |
| 00108I  | VANCOUVER, B.C.<br>250 WEST 70TH AVENUE    | 570                                                          | 1.3                                     | 1                         | 4  | 6              | 7   | 2                                       | 3  | 4                | 4   | 2                | 3  | 3  | 3   |
| 00110R  | E. HASTINGS & KENSINGTON                   | 724                                                          | 0.9                                     | 1                         | 2  | 3              | 4   | 1                                       | 2  | 3                | 3   | 1                | 1  | 2  | 2   |
| 00111I  | ROCKY PT. PARK                             | 728                                                          | 1.2                                     | 2                         | 3  | 4              | 5   | 2                                       | 2  | 3                | 3   | 2                | 2  | 2  | 2   |
| 00112C  | ROBSON/HORNBY                              | 727                                                          | 2.5                                     | 3                         | 5  | 6              | 8   | 3                                       | 4  | 5                | 6   | 3                | 4  | 4  | 4   |
| 00118R  | 2550 WEST 10TH AVENUE                      | 731                                                          | 1.4                                     | 2                         | 4  | 6              | 7   | 2                                       | 3  | 3                | 4   | 2                | 2  | 3  | 3   |
| 09001C  | WHITEHORSE, YUKON<br>FEDERAL BUILDING      | 593                                                          | 0.8                                     | 1                         | 3  | 5              | 8   | 1                                       | 2  | 4                | 5   | 1                | 2  | 3  | 3   |

NITROGEN DIOXIDE  
PARTS PER HUNDRED MILLION

OCTOBER - OCTOBRE  
1989

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 |    |                |     | MEANS - MOYENNES |    |    |     |
|---------|--------------------------|--------------------------------------------------------------|-----------------------------------------|-------------------------------------------------------------------|----|----------------|-----|------------------|----|----|-----|
|         |                          |                                                              |                                         | INTERVALS - INTERVALLES                                           |    | 1-HOUR / HEURE |     | 24-HOUR / HEURES |    |    |     |
|         |                          |                                                              |                                         | 70                                                                | 95 | 99             | MAX | 70               | 95 | 99 | MAX |
| 30115I  | HALIFAX, N.S.            |                                                              |                                         |                                                                   |    |                |     |                  |    |    |     |
| 30117C  | CFB SHEARWATER           | 744                                                          | ***                                     | 1                                                                 | 2  | 3              | 3   | 1                | 1  | 2  | 2   |
|         | BEDFORD ROW POST OFFICE  | 744                                                          | 2.2                                     | 3                                                                 | 4  | 5              | 6   | 3                | 3  | 4  | 4   |
| 40202C  | SAINT JOHN, N.B.         |                                                              |                                         |                                                                   |    |                |     |                  |    |    |     |
| 40203R  | POST OFFICE              | 0                                                            | ---                                     | -                                                                 | -  | -              | -   | -                | -  | -  | -   |
|         | FOREST HILLS             | 0                                                            | ---                                     | -                                                                 | -  | -              | -   | -                | -  | -  | -   |
| 50102R  | MONTREAL, QUEBEC         |                                                              |                                         |                                                                   |    |                |     |                  |    |    |     |
| 50104C  | JARDIN BOTANIQUE         | 0                                                            | ---                                     | -                                                                 | -  | -              | -   | -                | -  | -  | -   |
| 50109C  | 1125 ONTARIO EST         | 704                                                          | 1.8                                     | 2                                                                 | 5  | 7              | 8   | 2                | 5  | 6  | 6   |
| 50110C  | DUNCAN & DECARIE         | 667                                                          | 3.1                                     | 4                                                                 | 7  | 8              | 9   | 4                | 6  | 7  | 7   |
| 50112C  | PARC PILON, MTL.-NORD    | 693                                                          | ***                                     | 1                                                                 | 3  | 4              | 5   | 1                | 2  | 2  | 2   |
| 50113R  | BOUL. LAURENTIDES        | 144                                                          | ---                                     | 2                                                                 | 4  | 4              | 4   | 2                | 2  | 3  | 3   |
| 50115C  | PIE X & CARDINAL         | 742                                                          | 1.6                                     | 2                                                                 | 4  | 7              | 9   | 2                | 4  | 5  | 5   |
| 50116R  | 1001 BOUL MAISONNEUVE O. | 740                                                          | 3.9                                     | 5                                                                 | 9  | 9              | 10  | 5                | 7  | 8  | 8   |
| 50119R  | 3161 JOSEPH, VERDUN      | 0                                                            | ---                                     | -                                                                 | -  | -              | -   | -                | -  | -  | -   |
| 50120R  | 699 CURE POIRIER         | 341                                                          | ---                                     | 4                                                                 | 6  | 8              | 8   | 5                | 5  | 5  | 5   |
|         | 4TH. AVE. SOUTH, ROXBORO | 544                                                          | 2.6                                     | 3                                                                 | 7  | 9              | 11  | 3                | 6  | 6  | 7   |
| 50203R  | HULL, QUEBEC             |                                                              |                                         |                                                                   |    |                |     |                  |    |    |     |
|         | GAMELIN & JOFFRE         | 742                                                          | 1.6                                     | 2                                                                 | 4  | 6              | 7   | 2                | 3  | 4  | 4   |
| 50307C  | QUEBEC, QUEBEC           |                                                              |                                         |                                                                   |    |                |     |                  |    |    |     |
|         | PARC CARTIER BREBOEUF    | 712                                                          | 3.3                                     | 4                                                                 | 6  | 7              | 8   | 4                | 5  | 5  | 6   |
| 60101C  | OTTAWA, ONT.             |                                                              |                                         |                                                                   |    |                |     |                  |    |    |     |
| 60104C  | 88 SLATER ST.            | 739                                                          | 3.2                                     | 4                                                                 | 6  | 8              | 9   | 4                | 5  | 5  | 6   |
|         | RIDEAU & WURTEMBURG      | 719                                                          | 2.1                                     | 3                                                                 | 5  | 7              | 8   | 3                | 4  | 4  | 4   |
| 60204C  | WINDSOR, ONT.            |                                                              |                                         |                                                                   |    |                |     |                  |    |    |     |
|         | 471 UNIVERSITY AVENUE    | 718                                                          | 2.9                                     | 4                                                                 | 7  | 9              | 16  | 4                | 6  | 7  | 7   |
| 60402R  | TORONTO, ONT.            |                                                              |                                         |                                                                   |    |                |     |                  |    |    |     |
| 60403I  | DON MILLS, SCIENCE CNTR  | 731                                                          | 2.8                                     | 3                                                                 | 6  | 9              | 14  | 3                | 5  | 5  | 5   |
| 60410R  | EVANS & ARNOLD           | 743                                                          | 3.8                                     | 5                                                                 | 8  | 9              | 11  | 4                | 7  | 8  | 8   |
| 60413R  | LAWRENCE & KENNEDY       | 744                                                          | 3.4                                     | 4                                                                 | 8  | 10             | 13  | 4                | 8  | 9  | 9   |
| 60415R  | ELMCREST ROAD            | 744                                                          | 3.5                                     | 4                                                                 | 9  | 10             | 10  | 4                | 8  | 8  | 8   |
| 60417C  | QUEENSWAY W & HURONTARIO | 744                                                          | 2.9                                     | 4                                                                 | 7  | 8              | 9   | 3                | 6  | 7  | 7   |
|         | 26 BREADALBANE STREET    | 744                                                          | 3.1                                     | 3                                                                 | 7  | 9              | 14  | 3                | 7  | 8  | 8   |
| 60511R  | HAMILTON, ONT.           |                                                              |                                         |                                                                   |    |                |     |                  |    |    |     |
| 60512C  | 467 BEACH BLVD.          | 733                                                          | 2.4                                     | 3                                                                 | 6  | 7              | 8   | 4                | 6  | 6  | 6   |
|         | BEASLEY PARK             | 739                                                          | 2.6                                     | 3                                                                 | 6  | 7              | 7   | 3                | 5  | 6  | 6   |
| 60607R  | SUDBURY, ONT.            |                                                              |                                         |                                                                   |    |                |     |                  |    |    |     |
|         | SCIENCE CENTRE NORTH     | 743                                                          | 1.0                                     | 1                                                                 | 3  | 3              | 5   | 1                | 2  | 3  | 3   |
| 60707I  | SAULT STE. MARIE, ONT.   |                                                              |                                         |                                                                   |    |                |     |                  |    |    |     |
|         | WM. HERRIFIELD SCHOOL    | 742                                                          | 1.6                                     | 2                                                                 | 4  | 5              | 6   | 2                | 3  | 3  | 3   |
| 60807R  | THUNDER BAY, ONT.        |                                                              |                                         |                                                                   |    |                |     |                  |    |    |     |
|         | 615 JAMES STREET SOUTH   | 742                                                          | 1.3                                     | 2                                                                 | 3  | 4              | 4   | 2                | 2  | 3  | 3   |
| 60901C  | LONDON, ONT.             |                                                              |                                         |                                                                   |    |                |     |                  |    |    |     |
|         | KING & RECTORY           | 739                                                          | 2.5                                     | 3                                                                 | 6  | 8              | 11  | 3                | 5  | 5  | 5   |
| 61004R  | SARNIA, ONT.             |                                                              |                                         |                                                                   |    |                |     |                  |    |    |     |
|         | FRONT ST. AT C.N. TRACKS | 737                                                          | 2.6                                     | 4                                                                 | 6  | 7              | 9   | 4                | 6  | 6  | 6   |
| 61201R  | CORNWALL, ONT.           |                                                              |                                         |                                                                   |    |                |     |                  |    |    |     |
|         | MEMORIAL PARK            | 741                                                          | ***                                     | 1                                                                 | 3  | 4              | 5   | 1                | 2  | 3  | 3   |
| 61302C  | ST. CATHARINES, ONT.     |                                                              |                                         |                                                                   |    |                |     |                  |    |    |     |
|         | ARGYLE CRESCENT          | 741                                                          | 2.1                                     | 3                                                                 | 4  | 6              | 6   | 3                | 4  | 4  | 4   |
| 61501C  | KITCHENER, ONT.          |                                                              |                                         |                                                                   |    |                |     |                  |    |    |     |
|         | EDNA & FREDERICK         | 743                                                          | 2.7                                     | 3                                                                 | 6  | 8              | 9   | 4                | 5  | 5  | 6   |
| 61602R  | OAKVILLE, ONT.           |                                                              |                                         |                                                                   |    |                |     |                  |    |    |     |
|         | BRONTE AND WOBURN CRES.  | 744                                                          | 1.5                                     | 2                                                                 | 4  | 6              | 8   | 2                | 4  | 5  | 5   |
| 61701R  | OSHAWA, ONT.             |                                                              |                                         |                                                                   |    |                |     |                  |    |    |     |
|         | RITSON RD. & OLIVE AVE.  | 744                                                          | 2.7                                     | 3                                                                 | 7  | 9              | 10  | 3                | 6  | 7  | 7   |
| 62001R  | NORTH BAY, ONT.          |                                                              |                                         |                                                                   |    |                |     |                  |    |    |     |
|         | O.P.P. STATION           | 744                                                          | 1.4                                     | 2                                                                 | 5  | 7              | 9   | 2                | 4  | 4  | 5   |
| 70118R  | WINNIPEG, MAN.           |                                                              |                                         |                                                                   |    |                |     |                  |    |    |     |
| 70119C  | JEFFERSON & SCOTIA       | 701                                                          | 1.6                                     | 2                                                                 | 4  | 5              | 6   | 2                | 3  | 3  | 3   |
|         | 65 ELLEN STREET          | 697                                                          | 1.8                                     | 2                                                                 | 4  | 5              | 7   | 2                | 3  | 3  | 4   |

\*\*\* 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

OCTOBER - OCTOBRE  
1989

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          |    | 24-HOUR / HEURES |     |
|         |                                             |                                                              |                                         | 70                                   | 95 | 99          | MAX | 70                           | 95 | 99               | MAX |
| 80110C  | REGINA, SASK.<br>2505 11TH. AVENUE          | 676                                                          | 1.5                                     | 2                                    | 3  | 3           | 5   | 2                            | 2  | 2                | 3   |
| 80209C  | SASKATOON, SASK.<br>IDYLWYLD DR. & 33RD ST. | 732                                                          | 1.1                                     | 1                                    | 2  | 3           | 11  | 1                            | 2  | 2                | 2   |
| 90122R  | EDMONTON, ALTA.<br>127 ST. & 133 AVENUE     | 742                                                          | 2.8                                     | 3                                    | 5  | 6           | 8   | 3                            | 4  | 5                | 5   |
| 90130C  | 10255 - 104TH STREET                        | 736                                                          | 1.9                                     | 2                                    | 4  | 4           | 6   | 2                            | 3  | 4                | 4   |
| 90222R  | CALGARY, ALTA.<br>39 ST. & 29 AVE. N.W.     | 741                                                          | 2.0                                     | 3                                    | 4  | 5           | 6   | 2                            | 3  | 4                | 4   |
| 90227C  | 611-4TH STREET S.W.                         | 735                                                          | 3.5                                     | 4                                    | 5  | 6           | 10  | 4                            | 4  | 5                | 5   |
| 00108I  | VANCOUVER, B.C.<br>250 WEST 70TH AVENUE     | 0                                                            | ---                                     | -                                    | -  | -           | -   | -                            | -  | -                | -   |
| 00110R  | E. HASTINGS & KENSINGTON                    | 669                                                          | 2.2                                     | 3                                    | 4  | 6           | 9   | 2                            | 4  | 5                | 5   |
| 00111I  | ROCKY PT. PARK                              | 717                                                          | 2.2                                     | 3                                    | 4  | 6           | 10  | 3                            | 3  | 4                | 4   |
| 00112C  | ROBSON/HORNBY                               | 644                                                          | 2.7                                     | 3                                    | 4  | 6           | 8   | 3                            | 4  | 5                | 5   |
| 00118R  | 2550 WEST 10TH AVENUE                       | 602                                                          | 2.6                                     | 3                                    | 4  | 6           | 6   | 3                            | 4  | 4                | 4   |
| 09001C  | WHITEHORSE, YUKON<br>FEDERAL BUILDING       | 596                                                          | 1.5                                     | 2                                    | 3  | 4           | 5   | 2                            | 2  | 3                | 3   |

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IL N'Y A PAS ASSEZ DE DONNEES POUR CALCULER UNE MOYENNE VALABLE.

OZONE  
PARTS PER HUNDRED MILLIONOCTOBER - OCTOBRE  
1989OZONE  
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 |
| 10102C  | ST. JOHN'S, NFLD.<br>354 WATER STREET           | 703                                                          | 1.5                                     | 2                                    | 3  | 4  | 4   | 2                            | 2  | 3  | 3   |
| 30115I  | HALIFAX, N.S.<br>CFB SHEARWATER                 | 744                                                          | 2.0                                     | 3                                    | 4  | 5  | 6   | 2                            | 3  | 4  | 5   |
| 30117C  | BEDFORD ROW POST OFFICE                         | 647                                                          | 1.5                                     | 2                                    | 3  | 5  | 7   | 2                            | 3  | 3  | 3   |
| 30501R  | KEJIMKUJIK, N.S.<br>NATIONAL PARK               | 0                                                            | ---                                     | -                                    | -  | -  | -   | -                            | -  | -  | -   |
| 30601R  | FALL RIVER, N.S.<br>123 OAKES ROAD              | 0                                                            | ---                                     | -                                    | -  | -  | -   | -                            | -  | -  | -   |
| 40202C  | SAINT JOHN, N.B.<br>POST OFFICE                 | 0                                                            | ---                                     | -                                    | -  | -  | -   | -                            | -  | -  | -   |
| 40203R  | FOREST HILLS                                    | 0                                                            | ---                                     | -                                    | -  | -  | -   | -                            | -  | -  | -   |
| 50102R  | MONTREAL, QUEBEC<br>JARDIN BOTANIQUE            | 720                                                          | 1.2                                     | 2                                    | 3  | 4  | 6   | 1                            | 2  | 4  | 4   |
| 50103R  | POINTE-AUX-TREMBLES                             | 416                                                          | 1.2                                     | 2                                    | 3  | 4  | 5   | 2                            | 2  | 3  | 3   |
| 50104C  | 1125 ONTARIO EST                                | 703                                                          | 1.1                                     | 1                                    | 3  | 4  | 5   | 1                            | 2  | 4  | 4   |
| 50109C  | DUNCAN & DECARIE                                | 369                                                          | ---                                     | 1                                    | 2  | 3  | 4   | 1                            | 2  | 2  | 2   |
| 50110C  | PARC PILON, MTL.-NORD                           | 686                                                          | 1.1                                     | 2                                    | 3  | 5  | 5   | 1                            | 2  | 3  | 3   |
| 50112C  | BOUL. LAURENTIDES                               | 161                                                          | ---                                     | 2                                    | 3  | 5  | 5   | 2                            | 3  | 3  | 3   |
| 50113R  | PIE X & CARDINAL                                | 0                                                            | ---                                     | -                                    | -  | -  | -   | -                            | -  | -  | -   |
| 50115C  | 1001 BOUL MAISONNEUVE O.                        | 740                                                          | ***                                     | 1                                    | 2  | 3  | 5   | 1                            | 1  | 3  | 3   |
| 50116R  | 3161 JOSEPH, VERDUN                             | 669                                                          | 1.3                                     | 2                                    | 4  | 5  | 6   | 2                            | 3  | 4  | 4   |
| 50119R  | 699 CURE POIRIER                                | 696                                                          | 1.3                                     | 2                                    | 3  | 5  | 5   | 2                            | 3  | 3  | 4   |
| 50120R  | 4TH. AVE. SOUTH, ROXBORO                        | 730                                                          | 0.9                                     | 1                                    | 2  | 3  | 5   | 1                            | 2  | 2  | 2   |
| 50306R  | QUEBEC, QUEBEC<br>2026 BLVD. ST-CYRILLE         | 711                                                          | 0.7                                     | 1                                    | 2  | 2  | 2   | 1                            | 1  | 2  | 2   |
| 50307C  | PARC CARTIER BREBOEUF                           | 712                                                          | 0.9                                     | 1                                    | 2  | 3  | 3   | 1                            | 2  | 2  | 2   |
| 51401R  | ST. ETIENNE, QUEBEC<br>135 DUPUIS               | 0                                                            | ---                                     | -                                    | -  | -  | -   | -                            | -  | -  | -   |
| 60101C  | OTTAWA, ONT.<br>88 SLATER ST.                   | 732                                                          | 0.6                                     | 1                                    | 2  | 2  | 3   | 1                            | 1  | 1  | 1   |
| 60104C  | RIDEAU & WURTEMBERG                             | 718                                                          | 1.4                                     | 2                                    | 3  | 5  | 7   | 2                            | 2  | 3  | 3   |
| 60204C  | WINDSOR, ONT.<br>471 UNIVERSITY AVENUE          | 512                                                          | 1.5                                     | 2                                    | 4  | 6  | 8   | 2                            | 3  | 3  | 3   |
| 60402R  | TORONTO, ONT.<br>DON MILLS, SCIENCE CNTR        | 744                                                          | 0.9                                     | 1                                    | 2  | 3  | 4   | 1                            | 2  | 2  | 2   |
| 60403I  | EVANS & ARNOLD                                  | 744                                                          | 1.0                                     | 1                                    | 3  | 4  | 5   | 1                            | 2  | 3  | 3   |
| 60410R  | LAWRENCE & KENNEDY                              | 744                                                          | 1.2                                     | 2                                    | 3  | 5  | 6   | 1                            | 2  | 3  | 4   |
| 60413R  | ELMCREST ROAD                                   | 742                                                          | 1.0                                     | 1                                    | 3  | 4  | 5   | 1                            | 2  | 2  | 2   |
| 60415R  | QUEENSWAY W & HURONTARIO                        | 694                                                          | 1.1                                     | 2                                    | 3  | 5  | 5   | 1                            | 2  | 3  | 3   |
| 60417C  | 26 BREADALBANE STREET                           | 744                                                          | 0.9                                     | 1                                    | 3  | 4  | 5   | 1                            | 2  | 2  | 2   |
| 60512C  | HAMILTON, ONT.<br>BEASLEY PARK                  | 738                                                          | 1.0                                     | 1                                    | 3  | 4  | 5   | 1                            | 2  | 2  | 2   |
| 60607R  | SUDBURY, ONT.<br>SCIENCE CENTRE NORTH           | 743                                                          | 2.6                                     | 3                                    | 5  | 6  | 7   | 3                            | 5  | 5  | 5   |
| 60707I  | SAULT STE. MARIE, ONT.<br>WM. MERRIFIELD SCHOOL | 742                                                          | 1.2                                     | 2                                    | 3  | 5  | 6   | 2                            | 3  | 3  | 3   |
| 60807R  | THUNDER BAY, ONT.<br>615 JAMES STREET SOUTH     | 741                                                          | 1.7                                     | 2                                    | 4  | 7  | 9   | 2                            | 3  | 5  | 6   |
| 60901C  | LONDON, ONT.<br>KING & RECTORY                  | 734                                                          | 1.5                                     | 2                                    | 4  | 6  | 6   | 2                            | 3  | 4  | 4   |
| 61004R  | SARNIA, ONT.<br>FRONT ST. AT C.N. TRACKS        | 738                                                          | 1.9                                     | 2                                    | 4  | 5  | 6   | 2                            | 3  | 4  | 4   |
| 61201R  | CORNWALL, ONT.<br>MEMORIAL PARK                 | 726                                                          | 2.1                                     | 3                                    | 5  | 6  | 7   | 2                            | 4  | 5  | 5   |
| 61302C  | ST. CATHARINES, ONT.<br>ARGYLE CRESCENT         | 742                                                          | 1.7                                     | 2                                    | 4  | 5  | 6   | 2                            | 3  | 3  | 4   |
| 61501C  | KITCHENER, ONT.<br>EDNA & FREDERICK             | 742                                                          | 1.4                                     | 2                                    | 3  | 4  | 5   | 2                            | 3  | 3  | 3   |
| 61602R  | OAKVILLE, ONT.<br>BRONTE AND WOBURN CRES.       | 744                                                          | 1.5                                     | 2                                    | 4  | 5  | 6   | 2                            | 3  | 3  | 4   |

\*\*\* 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<br>PARTS PER HUNDRED MILLION |                                            |                                                              | OCTOBER - OCTOBRE<br>1989               |                                                                   |    |                | OZONE<br>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 |
| 61701R                             | OSHAWA, ONT.<br>RITSON RD. & OLIVE AVE.    | 743                                                          | 1.6                                     | 2                                                                 | 4  | 4              | 5                                  | 2                   | 3  | 3  | 4   |
| 61802R                             | GUELPH, ONT.<br>EXHIBITION PARK            | 743                                                          | 1.5                                     | 2                                                                 | 4  | 6              | 7                                  | 2                   | 2  | 3  | 3   |
| 62001R                             | NORTH BAY, ONT.<br>O.P.P. STATION          | 744                                                          | 2.3                                     | 3                                                                 | 5  | 6              | 7                                  | 3                   | 3  | 4  | 4   |
| 70118R                             | WINNIPEG, MAN.<br>JEFFERSON & SCOTIA       | 0                                                            | ---                                     | -                                                                 | -  | -              | -                                  | -                   | -  | -  | -   |
| 70119C                             | 65 ELLEN STREET                            | 700                                                          | 0.5                                     | 1                                                                 | 1  | 2              | 2                                  | 1                   | 1  | 1  | 1   |
| 80110C                             | REGINA, SASK.<br>2505 11TH. AVENUE         | 708                                                          | 0.9                                     | 1                                                                 | 2  | 2              | 3                                  | 1                   | 2  | 2  | 2   |
| 80209C                             | SASKATOON, SASK.<br>IDYLYLD DR. & 33RD ST. | 732                                                          | 1.5                                     | 2                                                                 | 3  | 3              | 3                                  | 2                   | 2  | 3  | 3   |
| 90122R                             | EDMONTON, ALTA.<br>127 ST. & 133 AVENUE    | 742                                                          | 1.0                                     | 1                                                                 | 3  | 3              | 4                                  | 1                   | 2  | 2  | 3   |
| 90130C                             | 10255 - 104TH STREET                       | 739                                                          | 0.9                                     | 1                                                                 | 2  | 3              | 4                                  | 1                   | 2  | 2  | 3   |
| 90222R                             | CALGARY, ALTA.<br>39 ST. & 29 AVE. N.W.    | 742                                                          | 1.7                                     | 3                                                                 | 4  | 4              | 4                                  | 2                   | 3  | 3  | 3   |
| 90227C                             | 611-4TH STREET S.W.                        | 738                                                          | 1.0                                     | 1                                                                 | 3  | 3              | 3                                  | 1                   | 2  | 2  | 2   |
| 00108I                             | VANCOUVER, B.C.<br>250 WEST 70TH AVENUE    | 741                                                          | 0.7                                     | 1                                                                 | 2  | 3              | 3                                  | 1                   | 2  | 2  | 2   |
| 00110R                             | E. HASTINGS & KENSINGTON                   | 732                                                          | 1.0                                     | 1                                                                 | 3  | 3              | 4                                  | 1                   | 2  | 3  | 3   |
| 00111I                             | ROCKY PT. PARK                             | 735                                                          | 0.7                                     | 1                                                                 | 3  | 3              | 4                                  | 1                   | 2  | 2  | 2   |
| 00112C                             | ROBSON/HORNBY                              | 544                                                          | ***                                     | 0                                                                 | 1  | 1              | 1                                  | 0                   | 0  | 1  | 1   |
| 00118R                             | 2550 WEST 10TH AVENUE                      | 730                                                          | 0.7                                     | 1                                                                 | 3  | 3              | 4                                  | 1                   | 2  | 2  | 2   |
| 00303C                             | VICTORIA, B.C.<br>1250 QUADRA ST.          | 0                                                            | ---                                     | -                                                                 | -  | -              | -                                  | -                   | -  | -  | -   |
| 00701C                             | KELOWNA, B.C.<br>100 KLO RD.               | 0                                                            | ---                                     | -                                                                 | -  | -              | -                                  | -                   | -  | -  | -   |

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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.

SOILING INDEX  
COH UNITS PER 1000 LINEAR FT.

OCTOBER - OCTOBRE  
1989

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 |
| <b>MONTREAL, QUEBEC</b>       |                          |                                              |                                         |                         |     |             |     |                              |     |          |     |
| 50109C                        | DUNCAN & DECARIE         | 328                                          | 0.30                                    | 0.4                     | 1.0 | 1.1         | 1.4 | 0.4                          | 0.8 | 0.8      | 0.9 |
| 50110C                        | PARC PILON, MTL.-NORD    | 328                                          | 0.16                                    | 0.2                     | 0.5 | 0.7         | 2.0 | 0.2                          | 0.4 | 0.5      | 0.5 |
| 50115C                        | 1001 BOUL MAISONNEUVE O. | 364                                          | 0.55                                    | 0.7                     | 1.4 | 1.9         | 2.6 | 0.7                          | 1.0 | 1.2      | 1.2 |
| 50116R                        | 3161 JOSEPH, VERDUN      | 328                                          | 0.24                                    | 0.3                     | 0.7 | 0.9         | 1.0 | 0.3                          | 0.6 | 0.7      | 0.7 |
| 50120R                        | 4TH. AVE. SOUTH, ROXBORO | 0                                            | ----                                    | -                       | -   | -           | -   | -                            | -   | -        | -   |
| <b>OTTAWA, ONT.</b>           |                          |                                              |                                         |                         |     |             |     |                              |     |          |     |
| 60104C                        | RIDEAU & WURTEMBERG      | 614                                          | (1) 0.47                                | 0.6                     | 1.2 | 1.5         | 2.0 | 0.6                          | 1.1 | 1.3      | 1.3 |
| <b>WINDSOR, ONT.</b>          |                          |                                              |                                         |                         |     |             |     |                              |     |          |     |
| 60204C                        | 471 UNIVERSITY AVENUE    | 724                                          | (1) 0.54                                | 0.7                     | 1.5 | 2.4         | 2.8 | 0.7                          | 1.4 | 1.6      | 1.6 |
| 60211R                        | COLLEGE & PRINCE         | 724                                          | (1) 0.56                                | 0.6                     | 1.6 | 3.2         | 4.7 | 0.6                          | 1.7 | 2.3      | 2.3 |
| <b>TORONTO, ONT.</b>          |                          |                                              |                                         |                         |     |             |     |                              |     |          |     |
| 60403I                        | EVANS & ARNOLD           | 742                                          | (1) 0.82                                | 1.0                     | 2.4 | 3.5         | 4.9 | 0.9                          | 2.2 | 2.5      | 2.6 |
| 60410R                        | LAWRENCE & KENNEDY       | 733                                          | (1) 0.58                                | 0.7                     | 1.7 | 2.8         | 3.2 | 0.7                          | 1.6 | 1.9      | 1.9 |
| 60417C                        | 26 BREADALBANE STREET    | 741                                          | (1) 0.53                                | 0.6                     | 1.5 | 2.1         | 3.0 | 0.5                          | 1.4 | 1.7      | 1.7 |
| <b>HAMILTON, ONT.</b>         |                          |                                              |                                         |                         |     |             |     |                              |     |          |     |
| 60501C                        | BARTON & SANFORD         | 694                                          | (1) 0.51                                | 0.6                     | 1.2 | 1.6         | 2.1 | 0.6                          | 1.0 | 1.3      | 1.3 |
| 60511R                        | 467 BEACH BLVD.          | 727                                          | (1) 0.73                                | 0.9                     | 1.8 | 3.0         | 3.5 | 1.0                          | 1.7 | 1.9      | 1.9 |
| 60512C                        | BEASLEY PARK             | 738                                          | (1) 0.65                                | 0.8                     | 1.9 | 2.9         | 3.5 | 0.8                          | 1.6 | 1.9      | 2.0 |
| <b>SUDBURY, ONT.</b>          |                          |                                              |                                         |                         |     |             |     |                              |     |          |     |
| 60607R                        | SCIENCE CENTRE NORTH     | 744                                          | (1) 0.26                                | 0.3                     | 0.8 | 0.9         | 1.5 | 0.3                          | 0.7 | 0.8      | 0.8 |
| <b>SAULT STE. MARIE, ONT.</b> |                          |                                              |                                         |                         |     |             |     |                              |     |          |     |
| 60707I                        | WM. MERRIFIELD SCHOOL    | 744                                          | (1) 0.33                                | 0.5                     | 0.9 | 1.2         | 2.0 | 0.4                          | 0.7 | 0.8      | 0.9 |
| <b>THUNDER BAY, ONT.</b>      |                          |                                              |                                         |                         |     |             |     |                              |     |          |     |
| 60807R                        | 615 JAMES STREET SOUTH   | 742                                          | (1) ****                                | 0.1                     | 0.2 | 0.2         | 0.2 | 0.1                          | 0.1 | 0.1      | 0.1 |
| <b>LONDON, ONT.</b>           |                          |                                              |                                         |                         |     |             |     |                              |     |          |     |
| 60901C                        | KING & RECTORY           | 738                                          | (1) 0.55                                | 0.6                     | 1.7 | 2.9         | 4.6 | 0.6                          | 1.5 | 1.9      | 1.9 |
| <b>SARNIA, ONT.</b>           |                          |                                              |                                         |                         |     |             |     |                              |     |          |     |
| 61004R                        | FRONT ST. AT C.N. TRACKS | 740                                          | (1) 0.46                                | 0.6                     | 1.2 | 1.6         | 2.3 | 0.6                          | 1.1 | 1.4      | 1.5 |
| <b>CORNWALL, ONT.</b>         |                          |                                              |                                         |                         |     |             |     |                              |     |          |     |
| 61201R                        | MEMORIAL PARK            | 743                                          | (1) 0.24                                | 0.3                     | 0.6 | 0.7         | 1.6 | 0.3                          | 0.5 | 0.7      | 0.7 |
| <b>ST. CATHARINES, ONT.</b>   |                          |                                              |                                         |                         |     |             |     |                              |     |          |     |
| 61302C                        | ARGYLE CRESCENT          | 662                                          | (1) 0.19                                | 0.2                     | 0.5 | 1.0         | 1.8 | 0.3                          | 0.4 | 0.7      | 0.7 |
| <b>OAKVILLE, ONT.</b>         |                          |                                              |                                         |                         |     |             |     |                              |     |          |     |
| 61602R                        | BRONTE AND WOBURN CRES.  | 736                                          | (1) 0.51                                | 0.6                     | 1.7 | 2.3         | 3.5 | 0.6                          | 1.4 | 1.6      | 1.7 |
| <b>OSHAWA, ONT.</b>           |                          |                                              |                                         |                         |     |             |     |                              |     |          |     |
| 61701R                        | RITSON RD. & OLIVE AVE.  | 742                                          | (1) 0.52                                | 0.7                     | 1.8 | 2.2         | 3.1 | 0.6                          | 1.6 | 1.9      | 1.9 |
| <b>GUELPH, ONT.</b>           |                          |                                              |                                         |                         |     |             |     |                              |     |          |     |
| 61802R                        | EXHIBITION PARK          | 723                                          | (1) 0.36                                | 0.4                     | 1.0 | 1.7         | 2.0 | 0.4                          | 0.9 | 1.1      | 1.1 |
| <b>NORTH BAY, ONT.</b>        |                          |                                              |                                         |                         |     |             |     |                              |     |          |     |
| 62001R                        | O.P.P. STATION           | 744                                          | (1) 0.32                                | 0.3                     | 1.1 | 1.5         | 2.1 | 0.3                          | 0.9 | 1.2      | 1.2 |
| <b>WINNIPEG, MAN.</b>         |                          |                                              |                                         |                         |     |             |     |                              |     |          |     |
| 70118R                        | JEFFERSON & SCOTIA       | 269                                          | (1) ----                                | 0.1                     | 0.2 | 0.3         | 0.4 | 0.1                          | 0.1 | 0.1      | 0.2 |
| 70119C                        | 65 ELLEN STREET          | 720                                          | (1) 0.22                                | 0.2                     | 0.6 | 1.0         | 1.8 | 0.2                          | 0.5 | 0.7      | 0.8 |
| <b>EDMONTON, ALTA.</b>        |                          |                                              |                                         |                         |     |             |     |                              |     |          |     |
| 90122R                        | 127 ST. & 133 AVENUE     | 742                                          | (1) 0.34                                | 0.4                     | 1.0 | 1.6         | 2.1 | 0.4                          | 0.6 | 0.7      | 0.8 |
| 90130C                        | 10255 - 104TH STREET     | 744                                          | (1) 0.25                                | 0.3                     | 0.7 | 1.0         | 1.2 | 0.3                          | 0.4 | 0.6      | 0.6 |
| <b>CALGARY, ALTA.</b>         |                          |                                              |                                         |                         |     |             |     |                              |     |          |     |
| 90218I                        | BONNY BRK & 18A ST. S.E. | 744                                          | (1) 0.38                                | 0.4                     | 1.2 | 2.2         | 3.0 | 0.5                          | 0.8 | 0.9      | 1.0 |
| 90222R                        | 39 ST. & 29 AVE. N.W.    | 744                                          | (1) ****                                | 0.1                     | 0.4 | 0.8         | 1.3 | 0.1                          | 0.3 | 0.3      | 0.4 |
| 90227C                        | 611-4TH STREET S.W.      | 741                                          | (1) 0.28                                | 0.3                     | 0.8 | 1.2         | 1.6 | 0.3                          | 0.6 | 0.7      | 0.7 |
| <b>VANCOUVER, B.C.</b>        |                          |                                              |                                         |                         |     |             |     |                              |     |          |     |
| 00102R                        | 100 RICHMOND STREET      | 0                                            | ----                                    | -                       | -   | -           | -   | -                            | -   | -        | -   |
| 00108I                        | 250 WEST 70TH AVENUE     | 0                                            | ----                                    | -                       | -   | -           | -   | -                            | -   | -        | -   |
| 00110R                        | E. HASTINGS & KENSINGTON | 692                                          | (1) 0.29                                | 0.4                     | 0.6 | 0.8         | 1.2 | 0.3                          | 0.5 | 0.7      | 0.7 |
| 00111I                        | ROCKY PT. PARK           | 698                                          | (1) 0.45                                | 0.5                     | 0.9 | 1.3         | 1.7 | 0.5                          | 0.7 | 0.9      | 1.0 |
| 00112C                        | ROBSON/HORNBY            | 702                                          | (1) 0.40                                | 0.5                     | 0.8 | 1.1         | 1.1 | 0.5                          | 0.6 | 0.8      | 0.8 |
| 00118R                        | 2550 WEST 10TH AVENUE    | 0                                            | ----                                    | -                       | -   | -           | -   | -                            | -   | -        | -   |

(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.

SUSPENDED PARTICULATE MATTER AND LEAD  
MICROGRAMS PER CUBIC METREOCTOBER - OCTOBRE  
1989PLOMB ET PARTICULES EN SUSP.  
MICROGRAMMES PAR METRE C<sup>3</sup>

| STATION | LOCATION<br>EMPLACEMENT                     | *----- PARTICULATES / PARTICULES -----* |    |     |     |     |     |                 | *----- LEAD / PLOMB -----* |     |     |     |     |     |                 |
|---------|---------------------------------------------|-----------------------------------------|----|-----|-----|-----|-----|-----------------|----------------------------|-----|-----|-----|-----|-----|-----------------|
|         |                                             | *----- DAY / JOUR -----*                |    |     |     |     |     | MEAN<br>MOYENNE | *----- DAY / JOUR -----*   |     |     |     |     |     | MEAN<br>MOYENNE |
|         |                                             | 1                                       | 7  | 13  | 19  | 25  | 31  |                 | 1                          | 7   | 13  | 19  | 25  | 31  |                 |
| 10102C  | ST. JOHN'S, Nfld.<br>354 WATER STREET       | 22                                      | 32 | 27  | 41  | -   | 58  | 36              | 0.0                        | 0.0 | 0.0 | 0.1 | -   | 0.0 | 0.0             |
| 20101C  | CHARLOTTETOWN, P.E.I.<br>56 FITZROY ST.     | 13                                      | 21 | 22  | 35  | 30  | 51  | 29              | 0.0                        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0             |
| 30101C  | HALIFAX, N.S.<br>N.S. TECHNICAL COLLEGE     | -                                       | 43 | 43  | 25  | -   | 79  | 48              | -                          | 0.0 | 0.0 | 0.0 | -   | 0.2 | 0.1             |
| 30102R  | DALHOUSIE UNIVERSITY                        | 14                                      | 17 | 20  | -   | -   | -   | 17              | 0.0                        | 0.0 | 0.0 | -   | -   | -   | 0.0             |
| 30115I  | CFB SHEARWATER                              | -                                       | -  | 16  | 22  | 50  | -   | 29              | -                          | -   | 0.0 | 0.0 | 0.0 | -   | 0.0             |
| 30310C  | SYDNEY, N.S.<br>COUNTY JAIL                 | 25                                      | 30 | 46  | 33  | -   | -   | 34              | 0.0                        | 0.0 | 0.0 | 0.1 | -   | -   | 0.0             |
| 30311R  | WHITNEY PIER FIRE STN.                      | 38                                      | 44 | 35  | 26  | 55  | 94  | 49              | 0.0                        | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 | 0.0             |
| 30409R  | GLACE BAY, N.S.<br>SOUTH STREET             | 28                                      | 27 | 23  | 18  | -   | -   | 24              | 0.0                        | 0.0 | 0.0 | 0.1 | -   | -   | 0.0             |
| 40102C  | FREDERICTON, N.B.<br>YORK STREET            | 8                                       | -  | 33  | 58  | 59  | 84  | 48              | 0.0                        | -   | 0.0 | 0.0 | 0.0 | 0.1 | 0.0             |
| 40201C  | SAINT JOHN, N.B.<br>110 CHARLOTTE STREET    | 23                                      | 31 | 41  | 25  | -   | 57  | 35              | 0.0                        | 0.0 | 0.0 | 0.0 | -   | 0.1 | 0.0             |
| 40203R  | FOREST HILLS                                | 35                                      | 28 | 40  | 14  | 47  | 73  | 40              | 0.0                        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0             |
| 50102R  | MONTREAL, QUEBEC<br>JARDIN BOTANIQUE        | -                                       | 23 | 25  | 15  | 33  | 43  | 28              | -                          | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0             |
| 50103R  | POINTE-AUX-TREMBLES                         | 37                                      | 34 | 80  | 25  | 78  | 63  | 53              | 0.0                        | 0.0 | 0.1 | 0.0 | 0.1 | 0.0 | 0.0             |
| 50104C  | 1125 ONTARIO EST                            | 44                                      | 21 | 47  | 50  | 113 | 82  | 60              | 0.1                        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0             |
| 50109C  | DUNCAN & DECARIE                            | 50                                      | 23 | -   | 22  | 94  | 48  | 47              | 0.0                        | 0.0 | -   | 0.1 | 0.0 | 0.1 | 0.0             |
| 50110C  | PARC PILON, MTL.-NORD                       | 45                                      | 24 | -   | 31  | 40  | -   | 35              | 0.1                        | 0.0 | -   | 0.0 | 0.0 | -   | 0.0             |
| 50112C  | BOUL. LAURENTIDES                           | 23                                      | -  | -   | -   | -   | -   | -               | -                          | -   | -   | -   | -   | -   | -               |
| 50113R  | PIE X & CARDINAL                            | 23                                      | -  | -   | -   | -   | -   | -               | -                          | -   | -   | -   | -   | -   | -               |
| 50116R  | 3161 JOSEPH, VERDUN                         | 36                                      | -  | 76  | 52  | 140 | 68  | 74              | 0.0                        | -   | 0.1 | 0.0 | 0.0 | 0.1 | 0.1             |
| 50119R  | 699 CURE POIRIER                            | 28                                      | 13 | -   | -   | -   | -   | -               | -                          | -   | -   | -   | -   | -   | -               |
| 50120R  | 4TH. AVE. SOUTH, ROXBORO                    | 36                                      | -  | 36  | -   | 62  | 83  | 54              | 0.0                        | -   | 0.0 | -   | 0.0 | 0.0 | 0.0             |
| 50203R  | HULL, QUEBEC<br>GAMBLIN & JOFFRE            | 38                                      | 7  | 21  | 27  | 89  | 67  | 42              | 0.0                        | 0.1 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0             |
| 50303I  | QUEBEC, QUEBEC<br>CENTRE LOISIRS LIMOILLOU  | -                                       | -  | -   | -   | -   | -   | -               | -                          | -   | -   | -   | -   | -   | -               |
| 50306R  | 2026 BLVD. ST-CYRILLE                       | 31                                      | 12 | 24  | 21  | 75  | 91  | 42              | -                          | -   | -   | -   | -   | -   | -               |
| 50307C  | PARC CARTIER BREBEOUF                       | -                                       | -  | -   | -   | -   | -   | -               | -                          | -   | -   | -   | -   | -   | -               |
| 50403C  | SHERBROOKE, QUEBEC<br>WELLINGTON & ALBERT   | 30                                      | 23 | 46  | 36  | 100 | 78  | 52              | -                          | -   | -   | -   | -   | -   | -               |
| 50502R  | CHICOUTIMI, QUEBEC<br>USINE DE FILTRATION   | 11                                      | 12 | 30  | 78  | 79  | 61  | 45              | -                          | -   | -   | -   | -   | -   | -               |
| 50503C  | 222 RACINE                                  | 26                                      | 15 | 22  | 92  | 144 | 128 | 71              | -                          | -   | -   | -   | -   | -   | -               |
| 50601C  | ROUYN, QUEBEC<br>HOTEL DE VILLE             | 25                                      | 7  | 36  | 60  | 55  | 29  | 35              | -                          | -   | -   | -   | -   | -   | -               |
| 50701C  | SEPT-ILES, QUEBEC<br>HOTEL DE VILLE         | 27                                      | 9  | 28  | 15  | 14  | 31  | 21              | -                          | -   | -   | -   | -   | -   | -               |
| 50801R  | TROIS-RIVIERES, QUEBEC<br>HART & STE-CECILE | -                                       | 20 | 43  | 39  | 108 | 77  | 57              | -                          | -   | -   | -   | -   | -   | -               |
| 50901R  | ARVIDA, QUEBEC<br>POWELL & HOOPES           | 59                                      | 30 | 31  | 205 | 293 | 198 | 136             | -                          | -   | -   | -   | -   | -   | -               |
| 51201I  | SHAWINIGAN, QUEBEC<br>FRIGON & LAVAL        | 53                                      | 22 | 45  | 42  | 124 | 157 | 74              | -                          | -   | -   | -   | -   | -   | -               |
| 51302R  | BAIE COMEAU, QUEBEC<br>39 AVENUE MANCE      | 15                                      | 11 | 10  | 22  | 26  | 19  | 17              | -                          | -   | -   | -   | -   | -   | -               |
| 60101C  | OTTAWA, ONT.<br>88 SLATER ST.               | 46                                      | 13 | 41  | 43  | 112 | 87  | 57              | 0.0                        | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 | 0.1             |
| 60104C  | RIDEAU & WURTEMBURG                         | 36                                      | 9  | 25  | 21  | 62  | 50  | 34              | 0.0                        | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0             |
| 60202C  | WINDSOR, ONT.<br>CITY HALL                  | -                                       | -  | -   | 24  | 87  | 61  | 57              | -                          | -   | -   | 0.0 | 0.1 | 0.0 | 0.0             |
| 60203R  | TECUMSEH WATER WORKS                        | 38                                      | 22 | 86  | -   | 89  | 23  | 52              | 0.0                        | 0.0 | 0.1 | -   | 0.0 | 0.0 | 0.0             |
| 60204C  | 471 UNIVERSITY AVENUE                       | 44                                      | 25 | 150 | 32  | 99  | 91  | 74              | 0.0                        | 0.0 | 0.1 | 0.0 | 0.1 | 0.2 | 0.1             |
| 60212I  | WATER & WRIGHT AVE.                         | 39                                      | 86 | 106 | 19  | -   | 47  | 59              | -                          | -   | -   | -   | -   | -   | -               |
| 60403I  | TORONTO, ONT.<br>EVANS & ARNOLD             | -                                       | -  | -   | -   | -   | -   | -               | -                          | -   | -   | -   | -   | -   | -               |
| 60410R  | LAWRENCE & KENNEDY                          | -                                       | -  | -   | -   | -   | -   | -               | -                          | -   | -   | -   | -   | -   | -               |
| 60413R  | ELMCREST ROAD                               | -                                       | -  | -   | -   | -   | -   | -               | -                          | -   | -   | -   | -   | -   | -               |
| 60415R  | QUEENSWAY W & HURONTARIO                    | -                                       | -  | -   | -   | -   | -   | -               | -                          | -   | -   | -   | -   | -   | -               |
| 60417C  | 26 BREADALBANE STREET                       | 56                                      | 17 | 56  | 24  | 176 | -   | 66              | 0.0                        | 0.0 | 0.0 | 0.0 | 0.2 | -   | 0.1             |
| 60501C  | HAMILTON, ONT.<br>BARTON & SANFORD          | 108                                     | 21 | 81  | -   | 139 | 88  | 87              | 0.1                        | 0.0 | 0.1 | -   | 0.2 | 0.1 | 0               |
| 60503I  | CHATHAM & FRID                              | 124                                     | 27 | 177 | 57  | 185 | 113 | 114             | 0.1                        | 0.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1             |
| 60511R  | 467 BEACH BLVD.                             | 66                                      | 85 | 144 | 15  | 128 | 105 | 91              | 0.0                        | 0.2 | 0.2 | 0.0 | 0.1 | 0.1 | 0.1             |
| 60512C  | BEASLEY PARK                                | -                                       | 20 | 131 | 80  | 116 | 85  | 86              | -                          | -   | -   | -   | -   | -   | -               |

**SUSPENDED PARTICULATE MATTER AND LEAD**  
**MICROGRAMS PER CUBIC METRE**
**OCTOBER - OCTOBRE**  
**1989**
**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 |
|         |                                                 | 1                                       | 7   | 13  | 19  | 25  | 31 |                 | 1                          | 7   | 13  | 19  | 25  | 31  |                 |
| 60602R  | SUDBURY, ONT.<br>ASH STREET                     | -                                       | -   | -   | 19  | 52  | 2  | 24              | -                          | -   | -   | 0.0 | 0.0 | 0.1 | 0.1             |
| 60605C  | 19 LISGAR STREET                                | 48                                      | 26  | 79  | 33  | 63  | 65 | 52              | -                          | -   | 0.1 | 0.0 | 0.1 | 0.0 | 0.1             |
| 60707I  | SAULT STE. MARIE, ONT.<br>WM. MERRIFIELD SCHOOL | 60                                      | 6   | 29  | 85  | 78  | 29 | 48              | -                          | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0             |
| 60801C  | THUNDER BAY, ONT.<br>14 ALGOMA STREET           | 72                                      | 13  | 32  | 47  | 101 | 10 | 46              | 0.0                        | 0.0 | 0.0 | 0.1 | 0.1 | 0.0 | 0.0             |
| 60807R  | 615 JAMES STREET SOUTH                          | 74                                      | 19  | 54  | 91  | 77  | 7  | 54              | 0.0                        | 0.1 | 0.0 | 0.1 | 0.1 | 0.0 | 0.0             |
| 60901C  | LONDON, ONT.<br>KING & RECTORY                  | 69                                      | 17  | 95  | 30  | 140 | 81 | 72              | 0.0                        | 0.0 | 0.1 | 0.0 | 0.1 | 0.0 | 0.1             |
| 61004R  | SARNIA, ONT.<br>FRONT ST. AT C.N. TRACKS        | 37                                      | 23  | 45  | 18  | 75  | 30 | 38              | 0.0                        | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0             |
| 61303C  | ST. CATHARINES, ONT.<br>71 KING STREET          | 46                                      | 16  | 59  | 15  | 81  | 51 | 45              | 0.0                        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0             |
| 61501C  | KITCHENER, ONT.<br>EDNA & FREDERICK             | 63                                      | 18  | 62  | 24  | 104 | 65 | 56              | 0.1                        | 0.0 | 0.1 | 0.0 | 0.1 | 0.0 | 0.0             |
| 61602R  | OAKVILLE, ONT.<br>BRONTE AND WOBURN CRES.       | -                                       | -   | -   | -   | -   | -  | -               | -                          | -   | -   | -   | -   | -   | -               |
| 61701R  | OSHAWA, ONT.<br>RITSON RD. & OLIVE AVE.         | -                                       | -   | -   | -   | -   | -  | -               | -                          | -   | -   | -   | -   | -   | -               |
| 61802R  | GUELPH, ONT.<br>EXHIBITION PARK                 | 63                                      | 37  | 54  | 15  | 71  | 42 | 47              | 0.0                        | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0             |
| 62001R  | NORTH BAY, ONT.<br>O.P.P. STATION               | 45                                      | 12  | 29  | 15  | 69  | 47 | 36              | 0.0                        | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0             |
| 70102R  | WINNIPEG, MAN.<br>PORTAGE & WOODLAWN            | 39                                      | 27  | 41  | 45  | 116 | 31 | 50              | 0.0                        | 0.1 | 0.1 | 0.0 | 0.1 | 0.1 | 0.1             |
| 70118R  | JEFFERSON & SCOTIA                              | 44                                      | 28  | 38  | 59  | 116 | 23 | 51              | 0.0                        | 0.1 | 0.1 | 0.0 | 0.1 | 0.0 | 0.1             |
| 70119C  | 65 ELLEN STREET                                 | 55                                      | 37  | 83  | 91  | 183 | 33 | 80              | 0.0                        | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0             |
| 70201C  | BRANDON, MAN.<br>11TH ST. & PRINCESS AVE.       | 20                                      | 32  | 85  | 85  | 122 | 24 | 61              | 0.0                        | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0             |
| 80102R  | REGINA, SASK.<br>3211 ALBERT STREET             | 14                                      | 21  | 52  | 50  | 52  | 15 | 34              | 0.0                        | 0.0 | 0.0 | 0.2 | 0.1 | 0.0 | 0.1             |
| 80110C  | 2505 11TH AVENUE                                | 26                                      | 39  | 83  | 113 | 94  | 22 | 63              | 0.0                        | 0.0 | 0.1 | 0.2 | 0.1 | 0.1 | 0.1             |
| 80203R  | SASKATOON, SASK.<br>30TH ST. & 833 P AVE.       | 9                                       | 48  | 47  | 46  | 42  | 10 | 34              | 0.0                        | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0             |
| 80209C  | IDVLYLD DR. & 33RD ST.                          | -                                       | -   | -   | -   | 38  | 13 | -               | -                          | -   | -   | -   | 0.0 | 0.0 | -               |
| 90121I  | EDMONTON, ALTA.<br>17 STREET & 105 AVENUE       | 24                                      | 83  | 86  | 83  | 54  | 43 | 62              | 0.0                        | 0.2 | 0.3 | 0.2 | 0.2 | 0.1 | 0.2             |
| 90122R  | 127 ST. & 133 AVENUE                            | 24                                      | 82  | 66  | 75  | 64  | 28 | 57              | 0.2                        | 0.4 | 0.3 | 0.3 | 0.3 | 0.2 | 0.3             |
| 90130C  | 10255 - 104TH STREET                            | 19                                      | 76  | 63  | 60  | 39  | 60 | 53              | 0.1                        | 0.3 | 0.3 | 0.3 | 0.2 | 0.2 | 0.2             |
| 90204C  | CALGARY, ALTA.<br>316-7TH AVENUE                | 25                                      | 33  | 56  | 110 | 51  | 43 | 53              | 0.1                        | 0.2 | 0.3 | 0.5 | 0.2 | 0.2 | 0.2             |
| 90218I  | BONNY BRK & 18A ST. S.E.                        | 32                                      | 44  | 74  | 180 | 152 | 51 | 89              | 0.1                        | 0.3 | 0.6 | 1.0 | 0.7 | 0.2 | 0.5             |
| 90222R  | 39 ST. & 29 AVE. N.W.                           | 19                                      | 22  | 44  | 108 | 43  | 23 | 43              | 0.1                        | 0.1 | 0.1 | 0.3 | 0.1 | 0.1 | 0.2             |
| 99001C  | YELLOWKNIFE, N.W.T.<br>50TH AVE. & 49TH STREET  | 102                                     | 263 | 120 | 49  | 32  | 30 | 99              | 0.0                        | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 | 0.1             |
| 99201C  | INUVIK, N.W.T.<br>D.I.A.N.D. RESEARCH LAB.      | -                                       | -   | -   | -   | -   | -  | -               | -                          | -   | -   | -   | -   | -   | -               |
| 99301C  | IQALUIT, N.W.T.<br>BAY BLDG.                    | -                                       | -   | -   | -   | -   | -  | -               | -                          | -   | -   | -   | -   | -   | -               |
| 00102R  | VANCOUVER, B.C.<br>100 RICHMOND STREET          | 30                                      | 57  | 32  | 58  | 55  | 99 | 55              | 0.1                        | 0.1 | 0.1 | 0.1 | 0.1 | 0.3 | 0.2             |
| 00104R  | 27TH & ONTARIO                                  | -                                       | -   | -   | -   | -   | -  | -               | -                          | -   | -   | -   | -   | -   | -               |
| 00108I  | 250 WEST 70TH AVENUE                            | 31                                      | 70  | 41  | 70  | 71  | -  | 57              | 0.1                        | 0.2 | 0.2 | 0.2 | 0.2 | -   | 0.2             |
| 00109C  | 970 BURRARD                                     | 30                                      | 74  | 39  | 49  | 43  | 74 | 52              | 0.1                        | 0.2 | 0.1 | 0.1 | 0.1 | 0.2 | 0.1             |
| 00110R  | E. HASTINGS & KENSINGTON                        | 22                                      | 48  | 23  | 41  | 26  | 35 | 33              | 0.1                        | 0.1 | 0.1 | 0.1 | 0.1 | 0.0 | 0.1             |
| 00111I  | ROCKY PT. PARK                                  | 32                                      | 44  | 25  | 34  | -   | 61 | 39              | 0.1                        | 0.1 | 0.1 | 0.1 | -   | 0.4 | 0.2             |
| 00113I  | ANNACIS ISLAND, DELTA                           | 39                                      | 60  | -   | -   | 66  | -  | 55              | 0.1                        | 0.1 | -   | -   | 0.4 | -   | 0.2             |
| 00114C  | MUNICIPAL HALL, RICHMOND                        | 30                                      | 50  | 39  | 42  | 47  | 75 | 47              | 0.1                        | 0.1 | 0.2 | 0.1 | 0.1 | 0.3 | 0.1             |
| 00115R  | NEWTON ELEM. SCH., SURREY                       | 29                                      | 53  | 45  | 54  | 31  | -  | 42              | 0.3                        | 0.2 | 0.2 | 0.1 | 0.1 | -   | 0.2             |
| 00116R  | FIRE HALL, N. VANCOUVER                         | -                                       | 61  | 28  | 39  | 28  | 42 | 40              | -                          | 0.2 | 0.2 | 0.2 | 0.1 | 0.2 | 0.2             |
| 00117R  | BCIT BURNABY                                    | 23                                      | 50  | 25  | 41  | 32  | 51 | 37              | 0.1                        | 0.2 | 0.1 | 0.2 | 0.1 | 0.3 | 0.2             |
| 00118R  | 2550 WEST 10TH AVENUE                           | 23                                      | 49  | 27  | 32  | 33  | -  | 33              | 0.1                        | 0.1 | 0.2 | 0.2 | 0.1 | -   | 0.1             |
| 00202C  | PRINCE GEORGE, B.C.<br>1011 4TH AVENUE          | 63                                      | 26  | 32  | 30  | 40  | 50 | 40              | 0.1                        | 0.0 | 0.1 | 0.0 | 0.1 | 0.1 | 0.0             |
| 00303C  | VICTORIA, B.C.<br>1250 QUADRA ST.               | 28                                      | 34  | -   | 39  | 51  | 48 | 40              | 0.2                        | 0.1 | -   | 0.1 | 0.4 | 0.2 | 0.2             |

SUSPENDED PARTICULATE MATTER AND LEAD  
MICROGRAMS PER CUBIC METRE

OCTOBER - OCTOBRE  
1989

PLOMB ET PARTICULES EN SUSPENSION  
MICROGRAMMES PAR METRE CUBE

| STATION | LOCATION<br>EMPLACEMENT               | *---- PARTICULATES / PARTICULES ----* |    |    |    |    |    |         | *----- LEAD / PLOMB -----* |     |     |     |     |     |         |
|---------|---------------------------------------|---------------------------------------|----|----|----|----|----|---------|----------------------------|-----|-----|-----|-----|-----|---------|
|         |                                       | *----- DAY / JOUR -----*              |    |    |    |    |    | MEAN    | *----- DAY / JOUR -----*   |     |     |     |     |     | MEAN    |
|         |                                       | 1                                     | 7  | 13 | 19 | 25 | 31 | MOYENNE | 1                          | 7   | 13  | 19  | 25  | 31  | MOYENNE |
| 00401C  | KAMLOOPS, B.C.<br>301 SEYMOUR ST.     | 33                                    | 57 | 25 | 45 | 32 | 53 | 41      | 0.1                        | 0.0 | 0.1 | 0.1 | 0.0 | 0.1 | 0.1     |
| 00701C  | KELOWNA, B.C.<br>100 KLO RD.          | 34                                    | 53 | 29 | 57 | -  | 71 | 49      | 0.0                        | 0.2 | 0.1 | 0.1 | -   | 0.1 | 0.1     |
| 09001C  | WHITEHORSE, YUKON<br>FEDERAL BUILDING | 31                                    | 14 | -  | 71 | 17 | 27 | 32      | 0.1                        | 0.1 | -   | 0.1 | 0.0 | 0.2 | 0.1     |

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

OCTOBER - OCTOBRE  
1989

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

| STATION | LOCATION<br>EMPLACEMENT                         | *----- DAY / JOUR -----* |   |    |    |    |    |
|---------|-------------------------------------------------|--------------------------|---|----|----|----|----|
|         |                                                 | 1                        | 7 | 13 | 19 | 25 | 31 |
| 10102C  | ST. JOHN'S, NFLD.<br>354 WATER STREET           | 0                        | 1 | 0  | 1  | -  | 2  |
| 20101C  | CHARLOTTETOWN, P.E.I.<br>56 FITZROY ST.         | 0                        | 0 | 0  | 0  | 0  | 0  |
| 30115I  | HALIFAX, N.S.<br>CFB SHEARWATER                 | -                        | - | 0  | 1  | 4  | -  |
| 30310C  | SYDNEY, N.S.<br>COUNTY JAIL                     | 0                        | 0 | 0  | 0  | -  | -  |
| 30409R  | GLACE BAY, N.S.<br>SOUTH STREET                 | 0                        | 0 | 0  | 0  | -  | -  |
| 40203R  | SAINT JOHN, N.B.<br>FOREST HILLS                | -                        | - | -  | -  | -  | -  |
| 50102R  | MONTREAL, QUEBEC<br>JARDIN BOTANIQUE            | -                        | 0 | 0  | 0  | -  | 0  |
| 50103R  | POINTE-AUX-TREMBLES                             | 1                        | 1 | 5  | 0  | 4  | 1  |
| 50104C  | 1125 ONTARIO EST                                | 2                        | 0 | 0  | 0  | 6  | 1  |
| 50109C  | DUNCAN & DECARIE                                | 0                        | - | -  | -  | -  | -  |
| 50110C  | PARC PILON, MTL.-NORD                           | -                        | - | -  | -  | -  | -  |
| 50112C  | BOUL. LAURENTIDES                               | -                        | - | -  | -  | -  | -  |
| 50113R  | PIE X & CARDINAL                                | 0                        | - | -  | -  | -  | -  |
| 50116R  | 3161 JOSEPH, VERDUN                             | 0                        | - | 0  | 0  | 2  | 0  |
| 50119R  | 699 CURE POIRIER                                | 0                        | 0 | -  | -  | -  | -  |
| 50120R  | 4TH. AVE. SOUTH, ROXBORO                        | -                        | - | -  | -  | 2  | -  |
| 50203R  | HULL, QUEBEC<br>GAMELIN & JOFFRE                | 1                        | 0 | 0  | 0  | 2  | 1  |
| 50303I  | QUEBEC, QUEBEC<br>CENTRE LOISIRS LIMOILLOU      | -                        | - | -  | -  | -  | -  |
| 50306R  | 2026 BLVD. ST-CYRILLE                           | 0                        | 0 | -  | -  | -  | -  |
| 50307C  | PARC CARTIER BREBOEUF                           | -                        | - | -  | -  | -  | -  |
| 50601C  | ROUYN, QUEBEC<br>HOTEL DE VILLE                 | 0                        | 0 | 0  | 0  | 0  | -  |
| 50801R  | TROIS-RIVIERES, QUEBEC<br>HART & STE-CECILE     | -                        | 0 | 0  | 3  | 2  | 1  |
| 50901R  | ARVIDA, QUEBEC<br>POWELL & HOOPES               | 3                        | 0 | 0  | 6  | 6  | 16 |
| 51201I  | SHAWINIGAN, QUEBEC<br>PRIGON & LAVAL            | 4                        | 1 | 1  | 2  | 5  | 56 |
| 51302R  | BAIE COMEAU, QUEBEC<br>39 AVENUE MANCE          | 0                        | 0 | 0  | 1  | 0  | 0  |
| 60101C  | OTTAWA, ONT.<br>88 SLATER ST.                   | 0                        | 0 | 0  | 0  | 1  | 1  |
| 60104C  | RIDEAU & WURTEMBERG                             | 1                        | 0 | 0  | 0  | 2  | 1  |
| 60204C  | WINDSOR, ONT.<br>471 UNIVERSITY AVENUE          | 0                        | 0 | -  | 0  | 2  | 1  |
| 60212I  | WATER & WRIGHT AVE.                             | 0                        | 4 | 2  | 0  | -  | 0  |
| 60403I  | TORONTO, ONT.<br>EVANS & ARNOLD                 | -                        | - | -  | -  | -  | -  |
| 60410R  | LAWRENCE & KENNEDY                              | -                        | - | -  | -  | -  | -  |
| 60413R  | ELMCREST ROAD                                   | -                        | - | -  | -  | -  | -  |
| 60415R  | QUEENSWAY W & HURONTARIO                        | -                        | - | -  | -  | -  | -  |
| 60417C  | 26 BREADALBANE STREET                           | 3                        | 0 | 1  | 0  | 9  | -  |
| 60501C  | HAMILTON, ONT.<br>BARTON & SANFORD              | 8                        | 0 | 0  | -  | 2  | 1  |
| 60511R  | 467 BEACH BLVD.                                 | 1                        | 7 | 11 | 0  | 5  | 5  |
| 60512C  | BEASLEY PARK                                    | -                        | 0 | 1  | 3  | 3  | 2  |
| 60602R  | SUDBURY, ONT.<br>ASH STREET                     | -                        | - | -  | 0  | 1  | 0  |
| 60707I  | SAULT STE. MARIE, ONT.<br>WM. MERRIFIELD SCHOOL | 0                        | 0 | 0  | 0  | 0  | 0  |
| 60807R  | THUNDER BAY, ONT.<br>615 JAMES STREET SOUTH     | 0                        | 0 | 0  | 0  | 0  | 0  |
| 60901C  | LONDON, ONT.<br>KING & RECTORY                  | 2                        | 0 | 2  | 0  | 4  | 2  |
| 61004R  | SARNIA, ONT.<br>FRONT ST. AT C.N. TRACKS        | 0                        | 0 | 0  | 0  | 1  | 0  |

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

OCTOBER - OCTOBRE  
1989

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

| STATION | LOCATION<br>EMPLACEMENT                      | *----- DAY / JOUR -----* |   |    |    |    |    |
|---------|----------------------------------------------|--------------------------|---|----|----|----|----|
|         |                                              | 1                        | 7 | 13 | 19 | 25 | 31 |
| 61501C  | KITCHENER, ONT.<br>EDNA & FREDERICK          | 1                        | 0 | 0  | 0  | 1  | 1  |
| 61602R  | OAKVILLE, ONT.<br>BRONTE AND WOBURN CRES.    | -                        | - | -  | -  | -  | -  |
| 61701R  | OSHAWA, ONT.<br>RITSON RD. & OLIVE AVE.      | -                        | - | -  | -  | -  | -  |
| 61802R  | GUELPH, ONT.<br>EXHIBITION PARK              | 2                        | 0 | 0  | 0  | 1  | 1  |
| 62001R  | NORTH BAY, ONT.<br>O.P.P. STATION            | 0                        | 0 | 0  | 0  | 0  | 1  |
| 70118R  | WINNIPEG, MAN.<br>JEFFERSON & SCOTIA         | 0                        | 0 | 0  | 0  | -  | 0  |
| 70119C  | 65 ELLEN STREET                              | 0                        | 0 | 0  | 0  | -  | 0  |
| 80110C  | REGINA, SASK.<br>2505 11TH. AVENUE           | 0                        | 0 | 0  | 1  | 1  | 0  |
| 80209C  | SASKATOON, SASK.<br>IDYLLWYLD DR. & 33RD ST. | -                        | - | -  | -  | 0  | 0  |
| 90121I  | EDMONTON, ALTA.<br>17 STREET & 105 AVENUE    | 0                        | 1 | 1  | 1  | 1  | 0  |
| 90218I  | CALGARY, ALTA.<br>BONNY BRK & 18A ST. S.E.   | 0                        | 0 | 1  | 3  | 1  | 0  |
| 00110R  | VANCOUVER, B.C.<br>E. HASTINGS & KENSINGTON  | 0                        | 1 | 0  | 1  | 0  | 1  |
| 00111I  | ROCKY PT. PARK                               | 0                        | 1 | 0  | 1  | -  | 2  |
| 00118R  | 2550 WEST 10TH AVENUE                        | 0                        | 1 | 0  | 0  | 1  | -  |
| 00303C  | VICTORIA, B.C.<br>1250 QUADRA ST.            | -                        | - | -  | -  | -  | -  |
| 00401C  | KAMLOOPS, B.C.<br>301 SEYMOUR ST.            | -                        | - | -  | -  | -  | -  |

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

OCTOBER - OCTOBRE  
1989

RETOMBEES DE POUSSIÈRES  
GRAMMES PAR METRE CARRE PAR 30 JOURS  
INDICES DE FORMATION DE SULFATE  
MILLIGRAMMES PAR 100 CM2 PAR JOUR

| STATION | LOCATION<br>EMPLACEMENT                            | DUSTFALL<br>RETOMBEES DE POUSSIÈRES | SO3    |
|---------|----------------------------------------------------|-------------------------------------|--------|
| 60403I  | TORONTO, ONT.<br>EVANS & ARNOLD                    | 0.8                                 | -      |
| 60501C  | HAMILTON, ONT.<br>BARTON & SANFORD                 | -                                   | -      |
| 60502I  | BURLINGTON & GAGE                                  | 7.1                                 | -      |
| 60503I  | CHATHAM & FRID                                     | -                                   | -      |
| 60507C  | HUGHSON & HUNTER                                   | -                                   | -      |
| 60702R  | SAULT STE. MARIE, ONT.<br>ANNA MCREA PUBLIC SCHOOL | 1.9                                 | -      |
| 60703I  | BAYVIEW & YOUNG                                    | 8.2                                 | -      |
| 60801C  | THUNDER BAY, ONT.<br>14 ALGOMA STREET              | 2.6                                 | -      |
| 90125C  | EDMONTON, ALTA.<br>PRINS ELIZABETH & 108 ST        | 2.6                                 | 0.1 ** |
| 90126R  | 77 AVENUE & 85 STREET                              | 3.5                                 | 0.0 ** |
| 90127I  | 115 AVENUE & 159 STREET                            | 10.0                                | 0.0 ** |
| 90128R  | 99 AVENUE & 160 STREET                             | 4.5                                 | 0.0 ** |
| 90219C  | CALGARY, ALTA.<br>620-7TH AVENUE, S.W.             | 4.1                                 | 0.1 ** |
| 90221R  | DALHOUSIE DR & DALHAM DR                           | -                                   | 0.0 ** |
| 90223C  | 11 ST. & 38 AVE. S.E.                              | 10.8                                | 0.1 ** |
| 90224I  | OGDENDALE & 71 AVE S.E.                            | -                                   | 0.1 ** |
| 90225R  | PALLISER DR & OAKWOOD SW                           | -                                   | 0.0 ** |
| 90226I  | SHEPPARD & 84 AVE S.E.                             | 1.3                                 | 0.1 ** |

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