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Monthly Summary October 1982



# National Air Pollution Surveillance

## Surveillance nationale de la pollution atmosphérique

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82-10

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Surveillance Report  
EPS 5-AP-82-10

Environmental Protection  
Programs Directorate

Rapport de surveillance  
EPS 5-AP-82-10

Direction générale des  
programmes de la protection  
de l'environnement

Canada

SULPHUR DIOXIDE  
PARTS PER HUNDRED MILLIONOCTOBER - OCTOBRE  
1982DIOXYDE 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 |
| 10101C  | ST. JOHN'S, NFLD.<br>DUCKWORTH & ORDINANCE  | 286                                                          | ---                                     | 0                                    | 1  | 1  | 1   | 0                            | 0  | 0  | 0   |
| 20101C  | CHARLOTTETOWN, P.E.I.<br>56 FITZROY ST.     | 408                                                          | ***                                     | 1                                    | 1  | 2  | 5   | 0                            | 1  | 2  | 2   |
| 30114R  | HALIFAX, N.S.<br>MT ST VINCENT UNIVERSITY   | 678                                                          | ***                                     | 1                                    | 3  | 4  | 5   | 1                            | 2  | 2  | 3   |
| 30115I  | CFB SHEARWATER                              | 667                                                          | 2.7                                     | 3                                    | 7  | 11 | 18  | 4                            | 7  | 8  | 9   |
| 30116C  | BARRINGTON & DUKE                           | 604                                                          | 1.1                                     | 1                                    | 3  | 4  | 14  | 1                            | 2  | 3  | 3   |
| 30310C  | SYDNEY, N.S.<br>COUNTY JAIL                 | 650                                                          | 1.2                                     | 2                                    | 3  | 3  | 4   | 2                            | 2  | 2  | 2   |
| 30311R  | WHITNEY PIER FIRE STN.                      | 661                                                          | 2.7                                     | 3                                    | 7  | 9  | 13  | 3                            | 7  | 8  | 9   |
| 30408R  | GLACE BAY, N.S.<br>SOUTH STREET             | 671                                                          | 1.1                                     | 1                                    | 3  | 5  | 12  | 1                            | 2  | 3  | 3   |
| 40202C  | SAINT JOHN, N.B.<br>POST OFFICE             | 712                                                          | ***                                     | 1                                    | 2  | 3  | 6   | 1                            | 2  | 3  | 3   |
| 50101R  | MONTREAL, QUEBEC<br>PARC JARRY              | 682                                                          | 1.2                                     | 1                                    | 3  | 4  | 7   | 1                            | 2  | 3  | 3   |
| 50102R  | JARDIN BOTANIQUE                            | 562                                                          | ***                                     | 0                                    | 1  | 2  | 4   | 0                            | 1  | 1  | 1   |
| 50103R  | POINTE-AUX-TREMBLES                         | 656                                                          | 1.2                                     | 1                                    | 6  | 10 | 12  | 1                            | 4  | 6  | 6   |
| 50104C  | 1125 ONTARIO EST                            | 575                                                          | 1.1                                     | 1                                    | 3  | 4  | 5   | 1                            | 2  | 3  | 3   |
| 50106R  | VILLE ST-LAURENT                            | 740                                                          | ***                                     | 1                                    | 2  | 2  | 3   | 1                            | 2  | 2  | 2   |
| 50108R  | 1700 BOURASSA, LONGUEUIL                    | 344                                                          | ---                                     | 1                                    | 1  | 3  | 3   | 1                            | 1  | 2  | 2   |
| 50109C  | DUNCAN & DECARIE                            | 655                                                          | 1.3                                     | 2                                    | 4  | 6  | 8   | 2                            | 3  | 4  | 4   |
| 50110C  | PARC PILON, MTL.-NORD                       | 702                                                          | ***                                     | 1                                    | 2  | 4  | 5   | 1                            | 2  | 2  | 2   |
| 50112C  | BOUL. LAURENTIDES                           | 571                                                          | ***                                     | 1                                    | 2  | 3  | 4   | 1                            | 2  | 2  | 2   |
| 50113R  | PIE X & CARDINAL                            | 627                                                          | ***                                     | 1                                    | 2  | 2  | 3   | 1                            | 1  | 2  | 2   |
| 50115C  | 1001 BOUL MAISONNEUVE O.                    | 558                                                          | 1.6                                     | 2                                    | 4  | 5  | 9   | 2                            | 3  | 4  | 4   |
| 50116R  | 3161 JOSEPH, VERDUN                         | 724                                                          | ***                                     | 1                                    | 2  | 3  | 5   | 1                            | 2  | 2  | 2   |
| 50203R  | HULL, QUEBEC<br>GAMELIN & JOFFRE            | 710                                                          | ***                                     | 1                                    | 1  | 2  | 4   | 1                            | 1  | 1  | 1   |
| 50303I  | QUEBEC, QUEBEC<br>CENTRE LOISIRS LIMOILLOU  | 619                                                          | 3.0                                     | 2                                    | 16 | 34 | 40  | 3                            | 12 | 19 | 20  |
| 50304C  | 325 DORCHESTER SUD                          | 448                                                          | 2.4                                     | 2                                    | 9  | 17 | 22  | 4                            | 9  | 10 | 10  |
| 50306R  | 2026 BLVD. ST-CYRILLE                       | 620                                                          | ***                                     | 1                                    | 3  | 6  | 11  | 1                            | 2  | 3  | 3   |
| 50601C  | ROUYN, QUEBEC<br>HOTEL DE VILLE             | 690                                                          | ***                                     | 0                                    | 1  | 2  | 5   | 0                            | 1  | 1  | 1   |
| 50701C  | SEPT-ILES, QUEBEC<br>HOTEL DE VILLE         | 545                                                          | ***                                     | 0                                    | 1  | 2  | 3   | 1                            | 1  | 1  | 1   |
| 50801R  | TROIS-RIVIERES, QUEBEC<br>HART & STE-CECILE | 278                                                          | ---                                     | 1                                    | 3  | 4  | 5   | 1                            | 2  | 2  | 2   |
| 50901R  | ARVIDA, QUEBEC<br>POWELL & HOOPES           | 622                                                          | 1.6                                     | 1                                    | 8  | 10 | 12  | 2                            | 7  | 9  | 9   |
| 51001R  | TRACY, QUEBEC<br>3225 AVE COURSHESNE        | 486                                                          | ***                                     | 1                                    | 1  | 2  | 5   | 1                            | 1  | 1  | 1   |
| 51201I  | SHAWINIGAN, QUEBEC<br>FRIGON & LAVAL        | 570                                                          | ***                                     | 0                                    | 1  | 3  | 5   | 0                            | 1  | 1  | 1   |
| 51301R  | BAIE COMEAU, QUEBEC<br>39 AVE. MARGUETTE    | 652                                                          | 2.6                                     | 2                                    | 15 | 27 | 91  | 3                            | 9  | 12 | 15  |
| 60101C  | OTTAWA, ONT.<br>88 SLATER ST.               | 653                                                          | ***                                     | 1                                    | 2  | 2  | 7   | 1                            | 1  | 2  | 2   |
| 60104C  | RIDEAU & WURTEMBERG                         | 724                                                          | ***                                     | 0                                    | 1  | 2  | 8   | 0                            | 1  | 1  | 1   |
| 60105R  | NRC, MONTREAL ROAD                          | 665                                                          | ***                                     | 0                                    | 2  | 3  | 4   | 0                            | 2  | 2  | 2   |
| 60201I  | WINDSOR, ONT.<br>MORTON TERMINAL DOCK       | 739                                                          | ***                                     | 1                                    | 2  | 4  | 8   | 1                            | 2  | 3  | 3   |
| 60204C  | 471 UNIVERSITY AVENUE                       | 617                                                          | 1.1                                     | 1                                    | 3  | 5  | 6   | 2                            | 2  | 2  | 2   |
| 60211R  | COLLEGE & PRINCE                            | 661                                                          | 1.1                                     | 1                                    | 4  | 6  | 9   | 2                            | 3  | 3  | 3   |
| 60402R  | TORONTO, ONT.<br>DON MILLS, SCIENCE CNTR    | 471                                                          | 1.1                                     | 1                                    | 3  | 5  | 6   | 1                            | 2  | 3  | 3   |
| 60403I  | EVANS & ARNOLD                              | 733                                                          | ***                                     | 1                                    | 2  | 3  | 5   | 1                            | 2  | 2  | 2   |
| 60409R  | REDLANDS CRESCENT                           | 734                                                          | ***                                     | 1                                    | 2  | 3  | 4   | 1                            | 1  | 1  | 2   |
| 60410R  | LAWRENCE & KENNEDY                          | 733                                                          | ***                                     | 1                                    | 2  | 4  | 7   | 1                            | 2  | 3  | 3   |
| 60412R  | BATHURST & WILSON                           | 647                                                          | 1.5                                     | 2                                    | 5  | 8  | 13  | 2                            | 5  | 6  | 7   |
| 60413R  | ELMCREST ROAD                               | 660                                                          | ***                                     | 1                                    | 2  | 4  | 5   | 1                            | 2  | 2  | 2   |
| 60414I  | SHERBOURNE & WILTON ST.                     | 730                                                          | ***                                     | 0                                    | 2  | 3  | 5   | 1                            | 2  | 2  | 2   |
| 60415R  | QUEENSWAY W & HURONTARIO                    | 736                                                          | ***                                     | 1                                    | 2  | 4  | 11  | 1                            | 2  | 2  | 2   |
| 60417C  | 26 BREADALBANE STREET                       | 731                                                          | ***                                     | 1                                    | 3  | 4  | 7   | 1                            | 2  | 3  | 3   |

\*\*\* 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.

SULPHUR DIOXIDE  
PARTS PER HUNDRED MILLIONOCTOBER - OCTOBRE  
1982DIOXYDE 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 |
| 60501C  | HAMILTON, ONT.<br>BARTON & SANFORD             | 708                                                          | 1.4                                     | 2                                                                 | 4  | 6  | 12  | 2                   | 3  | 3  | 3   |
| 60505R  | NORTH PARK                                     | 723                                                          | 1.1                                     | 1                                                                 | 4  | 6  | 10  | 2                   | 3  | 4  | 4   |
| 60602R  | SUDBURY, ONT.<br>ASH STREET                    | 732                                                          | ***                                     | 1                                                                 | 3  | 6  | 12  | 1                   | 3  | 3  | 3   |
| 60606C  | KENNEDY STREET                                 | 728                                                          | ***                                     | 0                                                                 | 1  | 4  | 7   | 0                   | 1  | 1  | 2   |
| 60704C  | SAULT STE. MARIE, ONT.<br>QUEEN & ELGIN        | 564                                                          | ***                                     | 0                                                                 | 1  | 2  | 4   | 0                   | 1  | 1  | 1   |
| 60806R  | THUNDER BAY, ONT.<br>435 JAMES S.              | 641                                                          | ***                                     | 0                                                                 | 0  | 1  | 3   | 0                   | 0  | 0  | 0   |
| 60901C  | LONDON, ONT.<br>KING & RECTORY                 | 722                                                          | ***                                     | 0                                                                 | 2  | 2  | 5   | 0                   | 1  | 1  | 2   |
| 61004R  | SARNIA, ONT.<br>FRONT ST. AT C.N. TRACKS       | 723                                                          | 1.4                                     | 1                                                                 | 8  | 12 | 17  | 2                   | 6  | 6  | 7   |
| 61103C  | PETERBOROUGH, ONT.<br>500 GEORGE STREET        | 742                                                          | ***                                     | 0                                                                 | 1  | 2  | 3   | 0                   | 1  | 1  | 2   |
| 61201R  | CORNWALL, ONT.<br>MEMORIAL PARK                | 700                                                          | 1.1                                     | 1                                                                 | 4  | 8  | 29  | 2                   | 3  | 5  | 5   |
| 61301C  | ST. CATHARINES, ONT.<br>NORTH ST. & GENEVA ST. | 600                                                          | ***                                     | 0                                                                 | 1  | 4  | 10  | 0                   | 1  | 1  | 1   |
| 61501C  | KITCHENER, ONT.<br>EDNA & FREDERICK            | 287                                                          | ---                                     | 0                                                                 | 1  | 2  | 5   | 0                   | 1  | 2  | 2   |
| 61602R  | OAKVILLE, ONT.<br>BRONTE AND WOBURN CRES.      | 727                                                          | ***                                     | 0                                                                 | 3  | 7  | 12  | 1                   | 2  | 3  | 4   |
| 61701R  | OSHAWA, ONT.<br>RITSON RD. & OLIVE AVE.        | 729                                                          | ***                                     | 1                                                                 | 2  | 2  | 10  | 1                   | 1  | 2  | 2   |
| 61801C  | GUELPH, ONT.<br>FARQUHAR & WYNDHAM             | 737                                                          | ***                                     | 0                                                                 | 2  | 3  | 4   | 0                   | 1  | 2  | 2   |
| 70118R  | WINNIPEG, MAN.<br>JEFFERSON & SCOTIA           | 712                                                          | ***                                     | 0                                                                 | 0  | 1  | 2   | 0                   | 0  | 0  | 0   |
| 70119C  | 65 ELLEN STREET                                | 678                                                          | ***                                     | 0                                                                 | 0  | 0  | 1   | 0                   | 0  | 0  | 0   |
| 70120R  | 604 ST. MARY'S RD.                             | 712                                                          | ***                                     | 0                                                                 | 2  | 3  | 3   | 0                   | 1  | 1  | 1   |
| 80109C  | REGINA, SASK.<br>1620 ALBERT STREET            | 0                                                            | ---                                     | -                                                                 | -  | -  | -   | -                   | -  | -  | -   |
| 80209C  | SASKATOON, SASK.<br>IDYLWYLD DR. & 33RD ST.    | 556                                                          | ***                                     | 0                                                                 | 0  | 0  | 0   | 0                   | 0  | 0  | 0   |
| 80301C  | MOOSE JAW, SASK.<br>FAIRFORD ST. & 1ST AVE.    | 0                                                            | ---                                     | -                                                                 | -  | -  | -   | -                   | -  | -  | -   |
| 80401C  | PRINCE ALBERT, SASK.<br>1257-1ST AVE. EAST     | 310                                                          | ---                                     | 0                                                                 | 0  | 0  | 0   | 0                   | 0  | 0  | 0   |
| 90121I  | EDMONTON, ALTA.<br>17 STREET & 105 AVENUE      | 713                                                          | ***                                     | 0                                                                 | 0  | 0  | 0   | 0                   | 0  | 0  | 0   |
| 90218I  | CALGARY, ALTA.<br>BONNY BRK & 18A ST. S.E.     | 699                                                          | ***                                     | 1                                                                 | 2  | 3  | 14  | 1                   | 2  | 2  | 2   |
| 00106R  | VANCOUVER, B.C.<br>2294 WEST 10TH AVENUE       | 739                                                          | ***                                     | 1                                                                 | 1  | 2  | 2   | 1                   | 1  | 1  | 1   |
| 00110R  | E. HASTINGS & KENSINGTON                       | 580                                                          | ***                                     | 1                                                                 | 1  | 2  | 5   | 1                   | 1  | 1  | 1   |
| 00111I  | ROCKY PT. PARK                                 | 698                                                          | ***                                     | 0                                                                 | 1  | 2  | 5   | 1                   | 1  | 1  | 1   |
| 00112C  | ROBSON/HORNBY                                  | 737                                                          | ***                                     | 1                                                                 | 2  | 3  | 3   | 1                   | 2  | 2  | 2   |
| 00302C  | VICTORIA, B.C.<br>1106 COOK ST.                | 483                                                          | ***                                     | 1                                                                 | 2  | 3  | 4   | 1                   | 1  | 1  | 1   |
| 00401C  | KAMLOOPS, B.C.<br>301 SEYMOUR ST.              | 524                                                          | ***                                     | 0                                                                 | 0  | 1  | 2   | 0                   | 0  | 0  | 0   |

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CARBON MONOXIDE  
PARTS PER MILLIONOCTOBER - OCTOBRE  
1982MONOXYDE DE CARBONE  
PARTIES PAR MILLION

| STATION | LOCATION<br>EMPLACEMENT                        | NUMBER OF<br>HOURLY SAMPLES<br>NOMBRE DE<br>DONNEES HORAIRES | MONTHLY<br>MEAN<br>MOYENNE<br>MENSUELLE | FREQUENCY DISTRIBUTIONS - CENTILES - DISTRIBUTIONS DES FREQUENCES |    |    |     | MEANS - MOYENNES |    |    |     | INTERVALS - INTERVALLES |    |    |     | 8-HOUR / HEURES |    |    |     | 24-HOUR / HEURES |    |    |     |
|---------|------------------------------------------------|--------------------------------------------------------------|-----------------------------------------|-------------------------------------------------------------------|----|----|-----|------------------|----|----|-----|-------------------------|----|----|-----|-----------------|----|----|-----|------------------|----|----|-----|
|         |                                                |                                                              |                                         | 1-HOUR / HEURE                                                    |    |    |     |                  |    |    |     |                         |    |    |     |                 |    |    |     |                  |    |    |     |
|         |                                                |                                                              |                                         | 70                                                                | 95 | 99 | MAX | 70               | 95 | 99 | MAX | 70                      | 95 | 99 | MAX | 70              | 95 | 99 | MAX | 70               | 95 | 99 | MAX |
| 10101C  | ST. JOHN'S, NFLD.<br>DUCKWORTH & ORDINANCE     | 0                                                            | ---                                     | -                                                                 | -  | -  | -   | -                | -  | -  | -   | -                       | -  | -  | -   | -               | -  | -  | -   | -                | -  | -  | -   |
| 30116C  | HALIFAX, N.S.<br>BARRINGTON & DUKE             | 0                                                            | ---                                     | -                                                                 | -  | -  | -   | -                | -  | -  | -   | -                       | -  | -  | -   | -               | -  | -  | -   | -                | -  | -  | -   |
| 40202C  | SAINT JOHN, N.B.<br>POST OFFICE                | 741                                                          | 1.3                                     | 1                                                                 | 3  | 5  | 9   | 1                | 3  | 5  | 6   | 2                       | 2  | 3  | 3   |                 |    |    |     |                  |    |    |     |
| 50102R  | MONTREAL, QUEBEC<br>JARDIN BOTANIQUE           | 719                                                          | 0.7                                     | 1                                                                 | 2  | 4  | 8   | 1                | 2  | 3  | 4   | 1                       | 2  | 3  | 3   |                 |    |    |     |                  |    |    |     |
| 50103R  | POINTE-AUX-TREMBLES                            | 705                                                          | 0.7                                     | 1                                                                 | 2  | 4  | 9   | 1                | 2  | 3  | 5   | 1                       | 2  | 3  | 3   |                 |    |    |     |                  |    |    |     |
| 50104C  | 1125 ONTARIO EST                               | 735                                                          | 2.3                                     | 3                                                                 | 5  | 8  | 11  | 3                | 5  | 7  | 8   | 3                       | 4  | 6  | 6   |                 |    |    |     |                  |    |    |     |
| 50108R  | 1700 BOURASSA, LONGUEUIL                       | 249                                                          | ---                                     | 3                                                                 | 7  | 10 | 11  | 3                | 6  | 8  | 9   | 3                       | 5  | 6  | 6   |                 |    |    |     |                  |    |    |     |
| 50109C  | DUNCAN & DECARIE                               | 738                                                          | 2.6                                     | 3                                                                 | 7  | 9  | 16  | 3                | 6  | 7  | 9   | 3                       | 5  | 7  | 7   |                 |    |    |     |                  |    |    |     |
| 50110C  | PARC PILON, MTL.-NORD                          | 455                                                          | 1.2                                     | 1                                                                 | 3  | 5  | 7   | 1                | 3  | 4  | 4   | 1                       | 2  | 3  | 3   |                 |    |    |     |                  |    |    |     |
| 50112C  | BOUL. LAURENTIDES                              | 681                                                          | 0.9                                     | 1                                                                 | 3  | 7  | 13  | 1                | 3  | 7  | 7   | 1                       | 2  | 5  | 5   |                 |    |    |     |                  |    |    |     |
| 50113R  | PIE X & CARDINAL                               | 714                                                          | 0.9                                     | 1                                                                 | 2  | 5  | 10  | 1                | 2  | 4  | 6   | 1                       | 2  | 4  | 4   |                 |    |    |     |                  |    |    |     |
| 50115C  | 1001 BOUL MAISONNEUVE O.                       | 678                                                          | 3.6                                     | 5                                                                 | 9  | 12 | 19  | 5                | 8  | 11 | 12  | 4                       | 7  | 9  | 9   |                 |    |    |     |                  |    |    |     |
| 50116R  | 3161 JOSEPH, VERDUN                            | 618                                                          | 0.8                                     | 1                                                                 | 3  | 4  | 10  | 1                | 2  | 4  | 5   | 1                       | 2  | 3  | 3   |                 |    |    |     |                  |    |    |     |
| 50203R  | HULL, QUEBEC<br>GAMBLIN & JOFFRE               | 736                                                          | 0.7                                     | 1                                                                 | 2  | 4  | 7   | 1                | 2  | 3  | 3   | 1                       | 2  | 2  | 2   |                 |    |    |     |                  |    |    |     |
| 50304C  | QUEBEC, QUEBEC<br>325 DORCHESTER SUD           | 171                                                          | ---                                     | 2                                                                 | 3  | 4  | 4   | 2                | 2  | 3  | 3   | 2                       | 2  | 2  | 2   |                 |    |    |     |                  |    |    |     |
| 60101C  | OTTAWA, ONT.<br>88 SLATER ST.                  | 725                                                          | 2.6                                     | 3                                                                 | 7  | 10 | 16  | 3                | 6  | 7  | 8   | 3                       | 4  | 5  | 5   |                 |    |    |     |                  |    |    |     |
| 60104C  | RIDEAU & WURTEMBERG                            | 722                                                          | 1.2                                     | 1                                                                 | 3  | 5  | 8   | 1                | 3  | 3  | 4   | 2                       | 2  | 3  | 3   |                 |    |    |     |                  |    |    |     |
| 60204C  | WINDSOR, ONT.<br>471 UNIVERSITY AVENUE         | 711                                                          | 0.6                                     | 1                                                                 | 3  | 5  | 8   | 1                | 3  | 4  | 4   | 1                       | 3  | 3  | 3   |                 |    |    |     |                  |    |    |     |
| 60402R  | TORONTO, ONT.<br>DON MILLS, SCIENCE CNTR       | 741                                                          | 2.6                                     | 3                                                                 | 5  | 8  | 9   | 3                | 5  | 8  | 8   | 3                       | 4  | 6  | 6   |                 |    |    |     |                  |    |    |     |
| 60403I  | EVANS & ARNOLD                                 | 732                                                          | 2.1                                     | 2                                                                 | 6  | 8  | 11  | 3                | 5  | 7  | 8   | 3                       | 4  | 5  | 6   |                 |    |    |     |                  |    |    |     |
| 60410R  | LAWRENCE & KENNEDY                             | 735                                                          | 1.8                                     | 2                                                                 | 5  | 8  | 14  | 2                | 5  | 7  | 8   | 2                       | 4  | 6  | 6   |                 |    |    |     |                  |    |    |     |
| 60412R  | BATHURST & WILSON                              | 697                                                          | 2.1                                     | 2                                                                 | 6  | 8  | 12  | 3                | 5  | 7  | 8   | 3                       | 6  | 6  | 6   |                 |    |    |     |                  |    |    |     |
| 60413R  | ELMCREST ROAD                                  | 653                                                          | 0.8                                     | 1                                                                 | 3  | 5  | 8   | 1                | 3  | 4  | 5   | 1                       | 3  | 3  | 4   |                 |    |    |     |                  |    |    |     |
| 60414I  | SHERBOURNE & WILTON ST.                        | 735                                                          | 2.2                                     | 2                                                                 | 5  | 9  | 13  | 2                | 5  | 9  | 10  | 2                       | 4  | 7  | 7   |                 |    |    |     |                  |    |    |     |
| 60415R  | QUEENSWAY W & HURONTARIO                       | 711                                                          | 1.8                                     | 2                                                                 | 4  | 6  | 18  | 2                | 4  | 5  | 7   | 2                       | 3  | 4  | 4   |                 |    |    |     |                  |    |    |     |
| 60416C  | 381 YONGE STREET                               | 742                                                          | 4.6                                     | 5                                                                 | 12 | 18 | 22  | 5                | 10 | 14 | 17  | 5                       | 9  | 10 | 10  |                 |    |    |     |                  |    |    |     |
| 60417C  | 26 BREADALBANE STREET                          | 733                                                          | 1.8                                     | 2                                                                 | 4  | 7  | 12  | 2                | 4  | 7  | 7   | 2                       | 3  | 5  | 6   |                 |    |    |     |                  |    |    |     |
| 60501C  | HAMILTON, ONT.<br>BARTON & SANFORD             | 679                                                          | 1.5                                     | 2                                                                 | 4  | 6  | 9   | 2                | 4  | 4  | 5   | 2                       | 3  | 4  | 4   |                 |    |    |     |                  |    |    |     |
| 60602R  | SUDBURY, ONT.<br>ASH STREET                    | 732                                                          | ***                                     | 0                                                                 | 0  | 1  | 2   | 0                | 0  | 1  | 1   | 0                       | 0  | 0  | 0   |                 |    |    |     |                  |    |    |     |
| 60901C  | LONDON, ONT.<br>KING & RECTORY                 | 717                                                          | 0.6                                     | 1                                                                 | 3  | 7  | 9   | 1                | 3  | 5  | 7   | 1                       | 3  | 3  | 3   |                 |    |    |     |                  |    |    |     |
| 61004R  | SARNIA, ONT.<br>FRONT ST. AT C.N. TRACKS       | 711                                                          | ***                                     | 0                                                                 | 2  | 6  | 16  | 0                | 2  | 5  | 5   | 0                       | 3  | 3  | 4   |                 |    |    |     |                  |    |    |     |
| 61201R  | CORNWALL, ONT.<br>MEMORIAL PARK                | 724                                                          | 1.3                                     | 1                                                                 | 3  | 5  | 9   | 1                | 3  | 5  | 7   | 1                       | 2  | 3  | 3   |                 |    |    |     |                  |    |    |     |
| 61301C  | ST. CATHARINES, ONT.<br>NORTH ST. & GENEVA ST. | 644                                                          | 0.7                                     | 1                                                                 | 3  | 5  | 8   | 1                | 3  | 3  | 4   | 1                       | 2  | 3  | 3   |                 |    |    |     |                  |    |    |     |
| 61501C  | KITCHENER, ONT.<br>EDNA & FREDERICK            | 740                                                          | 1.2                                     | 1                                                                 | 4  | 7  | 11  | 1                | 4  | 5  | 6   | 1                       | 4  | 5  | 5   |                 |    |    |     |                  |    |    |     |
| 61602R  | OAKVILLE, ONT.<br>BRONTE AND WOBURN CRES.      | 731                                                          | 1.1                                     | 1                                                                 | 3  | 5  | 7   | 1                | 2  | 3  | 3   | 1                       | 2  | 2  | 2   |                 |    |    |     |                  |    |    |     |
| 61701R  | OSHAWA, ONT.<br>RITSON RD. & OLIVE AVE.        | 728                                                          | 2.1                                     | 2                                                                 | 5  | 7  | 13  | 3                | 4  | 5  | 7   | 3                       | 4  | 5  | 5   |                 |    |    |     |                  |    |    |     |
| 70118R  | WINNIPEG, MAN.<br>JEFFERSON & SCOTIA           | 704                                                          | 0.5                                     | 1                                                                 | 1  | 3  | 6   | 1                | 1  | 2  | 3   | 1                       | 1  | 2  | 2   |                 |    |    |     |                  |    |    |     |
| 70119C  | 65 ELLEN STREET                                | 424                                                          | 0.7                                     | 1                                                                 | 2  | 3  | 5   | 1                | 2  | 2  | 2   | 1                       | 1  | 1  | 1   |                 |    |    |     |                  |    |    |     |
| 70120R  | 604 ST. MARY'S RD.                             | 707                                                          | ***                                     | 1                                                                 | 2  | 4  | 8   | 1                | 2  | 2  | 3   | 1                       | 1  | 2  | 2   |                 |    |    |     |                  |    |    |     |
| 80109C  | REGINA, SASK.<br>1620 ALBERT STREET            | 664                                                          | 0.7                                     | 1                                                                 | 3  | 4  | 10  | 1                | 2  | 3  | 4   | 1                       | 2  | 3  | 3   |                 |    |    |     |                  |    |    |     |
| 80209C  | SASKATOON, SASK.<br>IDYLYWYLD DR. & 33RD ST.   | 295                                                          | ---                                     | 0                                                                 | 1  | 4  | 5   | 0                | 1  | 2  | 2   | 0                       | 1  | 1  | 1   |                 |    |    |     |                  |    |    |     |

\*\*\* 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  
1982MONOXYDE 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 |
| EDMONTON, ALTA. |                          |                                                              |                                         |                           |    |    |     |                 |    |    |     |                              |    |    |     |
| 90121I          | 17 STREET & 105 AVENUE   | 697                                                          | 1.1                                     | 1                         | 3  | 6  | 7   | 1               | 3  | 4  | 4   | 1                            | 2  | 2  | 2   |
| 90122R          | 127 ST. & 133 AVENUE     | 720                                                          | 1.5                                     | 2                         | 6  | 10 | 20  | 2               | 5  | 9  | 10  | 2                            | 4  | 6  | 6   |
| 90130C          | 10255 - 104TH STREET     | 724                                                          | 2.2                                     | 3                         | 5  | 10 | 13  | 3               | 5  | 6  | 7   | 3                            | 4  | 5  | 5   |
| CALGARY, ALTA.  |                          |                                                              |                                         |                           |    |    |     |                 |    |    |     |                              |    |    |     |
| 90222R          | 39 ST. & 29 AVE. N.W.    | 703                                                          | 1.3                                     | 1                         | 5  | 8  | 14  | 2               | 3  | 5  | 7   | 1                            | 3  | 4  | 4   |
| 90227C          | 1611-4TH STREET S.W.     | 723                                                          | 2.3                                     | 3                         | 6  | 11 | 17  | 3               | 5  | 8  | 9   | 3                            | 4  | 5  | 5   |
| VANCOUVER, B.C. |                          |                                                              |                                         |                           |    |    |     |                 |    |    |     |                              |    |    |     |
| 00106R          | 2294 WEST 10TH AVENUE    | 720                                                          | 1.6                                     | 2                         | 6  | 8  | 13  | 2               | 5  | 6  | 7   | 2                            | 5  | 5  | 5   |
| 00108I          | 250 WEST 70TH AVENUE     | 458                                                          | 2.1                                     | 2                         | 6  | 10 | 11  | 3               | 5  | 6  | 7   | 3                            | 4  | 4  | 5   |
| 00110R          | E. HASTINGS & KENSINGTON | 714                                                          | 0.6                                     | 1                         | 2  | 4  | 7   | 1               | 2  | 4  | 4   | 1                            | 2  | 3  | 3   |
| 00111I          | ROCKY PT. PARK           | 607                                                          | 1.1                                     | 1                         | 3  | 4  | 6   | 1               | 2  | 3  | 4   | 2                            | 2  | 2  | 2   |
| 00112C          | ROBSON/HORNBY            | 727                                                          | 2.5                                     | 3                         | 6  | 8  | 11  | 3               | 5  | 6  | 7   | 3                            | 5  | 6  | 6   |
| VICTORIA, B.C.  |                          |                                                              |                                         |                           |    |    |     |                 |    |    |     |                              |    |    |     |
| 00302C          | 1106 COOK ST.            | 744                                                          | 1.6                                     | 2                         | 6  | 8  | 15  | 2               | 4  | 7  | 8   | 2                            | 4  | 5  | 5   |

NITROGEN DIOXIDE  
PARTS PER HUNDRED MILLIONOCTOBER - OCTOBRE  
1982DIOXYDE 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                                           |        |        |         | 24-HOUR / HEURES    |        |        |        |
|         |                                                 |                                                              |                                         | 1-HOUR / HEURE                                                    |        |        |         |                     |        |        |        |
|         |                                                 |                                                              |                                         | 70                                                                | 95     | 99     | MAX     | 70                  | 95     | 99     | MAX    |
| 30115I  | HALIPAX, N.S.                                   | 617                                                          | ***                                     | 1                                                                 | 2      | 3      | 3       | 1                   | 1      | 2      | 2      |
| 30116C  | CFB SHEARWATER<br>BARRINGTON & DUKE             | 736                                                          | ***                                     | 0                                                                 | 1      | 2      | 2       | 0                   | 1      | 1      | 1      |
| 40202C  | SAINT JOHN, N.B.<br>POST OFFICE                 | 744                                                          | ***                                     | 1                                                                 | 2      | 2      | 4       | 1                   | 1      | 2      | 2      |
| 50102R  | MONTREAL, QUEBEC                                |                                                              |                                         |                                                                   |        |        |         |                     |        |        |        |
| 50104C  | JARDIN BOTANIQUE                                | 426                                                          | ***                                     | 1                                                                 | 3      | 5      | 5       | 1                   | 3      | 3      | 3      |
| 50108R  | 1125 ONTARIO EST                                | 734                                                          | 2.4                                     | 3                                                                 | 5      | 6      | 9       | 3                   | 4      | 5      | 5      |
| 50109C  | 1700 BOURASSA, LONGUEUIL                        | 0                                                            | ---                                     | ---                                                               | ---    | ---    | ---     | ---                 | ---    | ---    | ---    |
| 50110C  | DUNCAN & DECARIE                                | 189                                                          | ---                                     | 1                                                                 | 1      | 1      | 1       | 1                   | 1      | 1      | 1      |
| 50112C  | PARC PILON, MTL.-NORD                           | 494                                                          | 2.2                                     | 3                                                                 | 4      | 5      | 6       | 3                   | 3      | 4      | 4      |
| 50113R  | BOUL. LAURENTIDES                               | 618                                                          | 2.3                                     | 3                                                                 | 4      | 5      | 6       | 3                   | 4      | 4      | 4      |
| 50115C  | PIE X & CARDINAL                                | 560                                                          | 1.7                                     | 2                                                                 | 3      | 4      | 4       | 2                   | 3      | 3      | 3      |
| 50116R  | 1001 BOUL MAISONNEUVE O.<br>3161 JOSEPH, VERDUN | 740<br>640                                                   | 3.1<br>***                              | 3<br>1                                                            | 6<br>2 | 7<br>3 | 10<br>3 | 4<br>1              | 5<br>2 | 5<br>2 | 5<br>2 |
| 50203R  | HULL, QUEBEC<br>GAMBLIN & JOFFRE                | 599                                                          | 1.2                                     | 2                                                                 | 3      | 4      | 5       | 2                   | 2      | 3      | 3      |
| 50304C  | QUEBEC, QUEBEC<br>325 DORCHESTER SUD            | 269                                                          | ---                                     | 2                                                                 | 3      | 4      | 4       | 2                   | 3      | 3      | 3      |
| 60101C  | OTTAWA, ONT.<br>88 SLATER ST.                   | 602                                                          | 2.4                                     | 3                                                                 | 5      | 7      | 8       | 3                   | 5      | 6      | 6      |
| 60104C  | RIDEAU & WURTEMBERG                             | 727                                                          | 1.7                                     | 2                                                                 | 5      | 6      | 8       | 2                   | 4      | 4      | 4      |
| 60105R  | NRC, MONTREAL ROAD                              | 734                                                          | 1.4                                     | 2                                                                 | 3      | 7      | 8       | 2                   | 3      | 5      | 5      |
| 60204C  | WINDSOR, ONT.<br>471 UNIVERSITY AVENUE          | 719                                                          | 3.1                                     | 3                                                                 | 7      | 10     | 14      | 3                   | 7      | 9      | 9      |
| 60402R  | TORONTO, ONT.<br>DON MILLS, SCIENCE CNTR        | 736                                                          | 2.5                                     | 3                                                                 | 5      | 7      | 17      | 3                   | 5      | 7      | 7      |
| 60403I  | EVANS & ARNOLD                                  | 731                                                          | 3.3                                     | 4                                                                 | 6      | 9      | 11      | 4                   | 6      | 7      | 7      |
| 60410R  | LAWRENCE & KENNEDY                              | 735                                                          | 2.7                                     | 3                                                                 | 6      | 9      | 15      | 3                   | 5      | 8      | 9      |
| 60412R  | BATHURST & WILSON                               | 729                                                          | 3.4                                     | 4                                                                 | 9      | 13     | 19      | 4                   | 9      | 12     | 12     |
| 60413R  | ELMCREST ROAD                                   | 733                                                          | 2.1                                     | 3                                                                 | 5      | 8      | 14      | 3                   | 5      | 6      | 6      |
| 60414I  | SHERBOURNE & WILTON ST.                         | 732                                                          | 3.2                                     | 4                                                                 | 6      | 10     | 15      | 4                   | 6      | 9      | 9      |
| 60415R  | QUEENSWAY W & HURONTARIO                        | 734                                                          | 2.4                                     | 3                                                                 | 5      | 8      | 11      | 3                   | 5      | 6      | 6      |
| 60417C  | 26 BREADALBANE STREET                           | 728                                                          | 3.1                                     | 4                                                                 | 7      | 11     | 15      | 4                   | 6      | 10     | 10     |
| 60501C  | HAMILTON, ONT.<br>BARTON & SANFORD              | 721                                                          | 3.3                                     | 4                                                                 | 6      | 8      | 9       | 4                   | 6      | 6      | 6      |
| 60505R  | NORTH PARK                                      | 723                                                          | 2.6                                     | 3                                                                 | 6      | 7      | 9       | 3                   | 4      | 5      | 5      |
| 60602R  | SUDSBURY, ONT.<br>ASH STREET                    | 733                                                          | ***                                     | 1                                                                 | 2      | 3      | 4       | 1                   | 1      | 2      | 2      |
| 60901C  | LONDON, ONT.<br>KING & RECTORY                  | 719                                                          | 2.4                                     | 3                                                                 | 5      | 7      | 10      | 3                   | 5      | 5      | 5      |
| 61004R  | SARNIA, ONT.<br>FRONT ST. AT C.N. TRACKS        | 721                                                          | 2.9                                     | 4                                                                 | 7      | 12     | 25      | 4                   | 7      | 9      | 9      |
| 61201R  | CORNWALL, ONT.<br>MEMORIAL PARK                 | 725                                                          | ***                                     | 1                                                                 | 2      | 3      | 5       | 1                   | 2      | 2      | 2      |
| 61301C  | ST. CATHARINES, ONT.<br>NORTH ST. & GENEVA ST.  | 695                                                          | 2.2                                     | 3                                                                 | 6      | 7      | 9       | 3                   | 5      | 6      | 6      |
| 61501C  | KITCHENER, ONT.<br>EDNA & FREDERICK             | 737                                                          | 2.8                                     | 3                                                                 | 6      | 8      | 11      | 3                   | 5      | 6      | 6      |
| 61602R  | OAKVILLE, ONT.<br>BRONTE AND WOBURN CRES.       | 727                                                          | 1.8                                     | 2                                                                 | 4      | 5      | 6       | 2                   | 4      | 4      | 4      |
| 61701R  | OSHAWA, ONT.<br>RITSON RD. & OLIVE AVE.         | 730                                                          | 2.1                                     | 3                                                                 | 5      | 6      | 9       | 3                   | 4      | 5      | 5      |
| 70118R  | WINNIPEG, MAN.<br>JEFFERSON & SCOTIA            | 328                                                          | ---                                     | 2                                                                 | 3      | 4      | 8       | 2                   | 2      | 3      | 3      |
| 70119C  | 65 ELLEN STREET                                 | 680                                                          | 1.5                                     | 2                                                                 | 3      | 4      | 5       | 2                   | 3      | 3      | 4      |
| 80109C  | REGINA, SASK.<br>1620 ALBERT STREET             | 129                                                          | ---                                     | 1                                                                 | 3      | 3      | 3       | 1                   | 2      | 2      | 2      |
| 90122R  | EDMONTON, ALTA.<br>127 ST. & 133 AVENUE         | 709                                                          | 2.9                                     | 3                                                                 | 7      | 9      | 11      | 4                   | 6      | 6      | 7      |
| 90130C  | 10255 - 104TH STREET                            | 723                                                          | 3.4                                     | 4                                                                 | 5      | 6      | 8       | 4                   | 4      | 5      | 5      |
| 90222R  | CALGARY, ALTA.<br>39 ST. & 29 AVE. N.W.         | 384                                                          | 2.2                                     | 3                                                                 | 5      | 6      | 7       | 3                   | 4      | 4      | 4      |
| 90227C  | 1611-4TH STREET S.W.                            | 717                                                          | 4.9                                     | 6                                                                 | 8      | 10     | 14      | 5                   | 7      | 8      | 8      |

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

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

NITROGEN DIOXIDE  
PARTS PER HUNDRED MILLION

OCTOBER - OCTOBRE  
1982

DIOXYDE D'AZOTE  
PARTIES PAR CENT MILLIONS

| STATION         | LOCATION<br>EMPLACEMENT  | NUMBER OF<br>HOURLY SAMPLES<br>NOMBRE DE<br>DONNEES HORAIRES | MONTHLY<br>MEAN<br>MOYENNE<br>MENSUELLE | FREQUENCY DISTRIBUTIONS - CENTILES - |    |    |     | DISTRIBUTIONS DES FREQUENCES |    |    |     |
|-----------------|--------------------------|--------------------------------------------------------------|-----------------------------------------|--------------------------------------|----|----|-----|------------------------------|----|----|-----|
|                 |                          |                                                              |                                         | INTERVALS - INTERVALLES              |    |    |     | MEANS ---- MOYENNES          |    |    |     |
|                 |                          |                                                              |                                         | 1-HOUR / HEURE                       |    |    |     | 24-HOUR / HEURES             |    |    |     |
|                 |                          |                                                              |                                         | 70                                   | 95 | 99 | MAX | 70                           | 95 | 99 | MAX |
| VANCOUVER, B.C. |                          |                                                              |                                         |                                      |    |    |     |                              |    |    |     |
| 00106R          | 2294 WEST 10TH AVENUE    | 708                                                          | 1.5                                     | 2                                    | 3  | 4  | 8   | 2                            | 3  | 3  | 3   |
| 00108I          | 250 WEST 70TH AVENUE     | 276                                                          | ---                                     | 2                                    | 3  | 3  | 4   | 2                            | 2  | 2  | 2   |
| 00110R          | E. HASTINGS & KENSINGTON | 615                                                          | 2.0                                     | 2                                    | 5  | 10 | 16  | 2                            | 4  | 6  | 6   |
| 00111I          | ROCKY PT. PARK           | 723                                                          | 2.8                                     | 3                                    | 9  | 13 | 18  | 3                            | 7  | 9  | 10  |
| 00112C          | ROBSON/HORNEY            | 622                                                          | 2.5                                     | 3                                    | 4  | 7  | 11  | 3                            | 4  | 5  | 5   |
| VICTORIA, B.C.  |                          |                                                              |                                         |                                      |    |    |     |                              |    |    |     |
| 00302C          | 1106 COOK ST.            | 0                                                            | ---                                     | -                                    | -  | -  | -   | -                            | -  | -  | -   |

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

OZONE  
PARTS PER HUNDRED MILLIONOCTOBER - OCTOBRE  
1982OZONE  
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 |
| 30115I  | HALIFAX, N.S.            |                                                              |                                         |                                      |    |    |     |                              |    |    |     |
| 30116C  | CPB SHEARWATER           | 0                                                            | ---                                     |                                      |    |    |     |                              |    |    |     |
|         | BARRINGTON & DUKE        | 657                                                          | 1.5                                     | 2                                    | 3  | 3  | 4   | 2                            | 3  | 3  | 3   |
| 40202C  | SAINT JOHN, N.B.         |                                                              |                                         |                                      |    |    |     |                              |    |    |     |
|         | POST OFFICE              | 744                                                          | 2.2                                     | 3                                    | 4  | 6  | 7   | 2                            | 4  | 5  | 5   |
| 50102R  | MONTREAL, QUEBEC         |                                                              |                                         |                                      |    |    |     |                              |    |    |     |
| 50103R  | JARDIN BOTANIQUE         | 0                                                            | ---                                     |                                      |    |    |     |                              |    |    |     |
| 50104C  | POINTE-AUX-TREMBLES      | 744                                                          | 1.0                                     | 1                                    | 3  | 4  | 6   | 1                            | 2  | 3  | 3   |
| 50108R  | 1125 ONTARIO EST         | 744                                                          | 0.6                                     | 1                                    | 2  | 3  | 4   | 1                            | 2  | 2  | 2   |
| 50109C  | 1700 BOURASSA, LONGUEUIL | 729                                                          | 0.8                                     | 1                                    | 2  | 3  | 4   | 1                            | 2  | 2  | 2   |
| 50110C  | DUNCAN & DECARIE         | 0                                                            | ---                                     |                                      |    |    |     |                              |    |    |     |
| 50112C  | PARC PILON, MTL.-NORD    | 720                                                          | 0.7                                     | 1                                    | 2  | 3  | 4   | 1                            | 2  | 2  | 3   |
| 50113R  | BOUL. LAURENTIDES        | 723                                                          | 0.9                                     | 1                                    | 3  | 4  | 5   | 1                            | 2  | 2  | 3   |
| 50115C  | PIE X & CARDINAL         | 714                                                          | 1.0                                     | 2                                    | 3  | 4  | 4   | 1                            | 2  | 2  | 2   |
| 50116R  | 1001 BOUL MAISONNEUVE O. | 744                                                          | ***                                     | 0                                    | 1  | 2  | 3   | 0                            | 1  | 1  | 1   |
|         | 3161 JOSEPH, VERDUN      | 710                                                          | 0.9                                     | 1                                    | 3  | 3  | 4   | 1                            | 2  | 2  | 2   |
| 50304C  | QUEBEC, QUEBEC           |                                                              |                                         |                                      |    |    |     |                              |    |    |     |
| 50306R  | 325 DORCHESTER SUD       | 601                                                          | ***                                     | 0                                    | 2  | 2  | 3   | 0                            | 1  | 1  | 1   |
|         | 2026 BLVD. ST-CYRILLE    | 618                                                          | 1.1                                     | 1                                    | 3  | 4  | 6   | 1                            | 2  | 3  | 3   |
| 60101C  | OTTAWA, ONT.             |                                                              |                                         |                                      |    |    |     |                              |    |    |     |
| 60104C  | 88 SLATER ST.            | 732                                                          | ***                                     | 0                                    | 1  | 1  | 2   | 0                            | 1  | 1  | 1   |
| 60105R  | RIDEAU & WURTEMBURG      | 704                                                          | 0.9                                     | 1                                    | 2  | 4  | 6   | 1                            | 2  | 2  | 2   |
|         | NRC, MONTREAL ROAD       | 691                                                          | 0.8                                     | 1                                    | 2  | 5  | 8   | 1                            | 2  | 3  | 3   |
| 60204C  | WINDSOR, ONT.            |                                                              |                                         |                                      |    |    |     |                              |    |    |     |
|         | 471 UNIVERSITY AVENUE    | 691                                                          | 1.3                                     | 2                                    | 4  | 5  | 6   | 2                            | 2  | 4  | 4   |
| 60402R  | TORONTO, ONT.            |                                                              |                                         |                                      |    |    |     |                              |    |    |     |
| 60403I  | DON MILLS, SCIENCE CNTR  | 725                                                          | 0.8                                     | 1                                    | 2  | 3  | 5   | 1                            | 1  | 2  | 2   |
| 60410R  | EVANS & ARNOLD           | 723                                                          | 0.7                                     | 1                                    | 2  | 3  | 4   | 1                            | 2  | 2  | 2   |
| 60413R  | LAWRENCE & KENNEDY       | 735                                                          | 0.8                                     | 1                                    | 2  | 3  | 6   | 1                            | 2  | 2  | 2   |
| 60414I  | ELMCREST ROAD            | 696                                                          | 0.9                                     | 1                                    | 3  | 4  | 5   | 1                            | 2  | 2  | 2   |
| 60415R  | SHERBOURNE & WILTON ST.  | 733                                                          | 0.5                                     | 1                                    | 2  | 2  | 3   | 1                            | 1  | 1  | 1   |
| 60417C  | QUEENSWAY W & HURONTARIO | 638                                                          | 0.9                                     | 1                                    | 2  | 4  | 5   | 1                            | 2  | 2  | 2   |
|         | 25 BREADALBANE STREET    | 728                                                          | 0.8                                     | 1                                    | 2  | 3  | 4   | 1                            | 2  | 2  | 2   |
| 60501C  | HAMILTON, ONT.           |                                                              |                                         |                                      |    |    |     |                              |    |    |     |
|         | BARTON & SANFORD         | 720                                                          | 0.9                                     | 1                                    | 3  | 4  | 8   | 1                            | 2  | 2  | 3   |
| 60602R  | SUDBURY, ONT.            |                                                              |                                         |                                      |    |    |     |                              |    |    |     |
|         | ASH STREET               | 733                                                          | 1.3                                     | 2                                    | 3  | 4  | 5   | 2                            | 2  | 3  | 3   |
| 60806R  | THUNDER BAY, ONT.        |                                                              |                                         |                                      |    |    |     |                              |    |    |     |
|         | 435 JAMES S.             | 720                                                          | 0.8                                     | 1                                    | 2  | 2  | 3   | 1                            | 1  | 2  | 2   |
| 60901C  | LONDON, ONT.             |                                                              |                                         |                                      |    |    |     |                              |    |    |     |
|         | KING & RECTORY           | 718                                                          | 1.3                                     | 2                                    | 4  | 6  | 6   | 2                            | 3  | 4  | 4   |
| 61004R  | SARNIA, ONT.             |                                                              |                                         |                                      |    |    |     |                              |    |    |     |
|         | FRONT ST. AT C.N. TRACKS | 712                                                          | 1.7                                     | 2                                    | 4  | 5  | 11  | 2                            | 3  | 3  | 3   |
| 61201R  | CORNWALL, ONT.           |                                                              |                                         |                                      |    |    |     |                              |    |    |     |
|         | MEMORIAL PARK            | 724                                                          | 1.5                                     | 2                                    | 3  | 4  | 8   | 2                            | 3  | 3  | 3   |
| 61301C  | ST. CATHARINES, ONT.     |                                                              |                                         |                                      |    |    |     |                              |    |    |     |
|         | NORTH ST. & GENEVA ST.   | 684                                                          | 1.5                                     | 2                                    | 3  | 5  | 5   | 2                            | 2  | 3  | 3   |
| 61501C  | KITCHENER, ONT.          |                                                              |                                         |                                      |    |    |     |                              |    |    |     |
|         | EDNA & FREDERICK         | 735                                                          | 1.0                                     | 1                                    | 3  | 4  | 5   | 1                            | 2  | 2  | 2   |
| 61602R  | OAKVILLE, ONT.           |                                                              |                                         |                                      |    |    |     |                              |    |    |     |
|         | BRONTE AND WOBURN CRES.  | 265                                                          | ---                                     | 1                                    | 3  | 4  | 4   | 1                            | 1  | 1  | 1   |
| 61701R  | OSHAWA, ONT.             |                                                              |                                         |                                      |    |    |     |                              |    |    |     |
|         | RITSON RD. & OLIVE AVE.  | 717                                                          | 1.3                                     | 2                                    | 3  | 3  | 5   | 2                            | 2  | 2  | 2   |
| 70118R  | WINNIPEG, MAN.           |                                                              |                                         |                                      |    |    |     |                              |    |    |     |
| 70119C  | JEFFERSON & SCOTIA       | 694                                                          | 1.5                                     | 2                                    | 3  | 4  | 4   | 2                            | 2  | 3  | 3   |
|         | 65 ELLEN STREET          | 643                                                          | ***                                     | 0                                    | 1  | 2  | 2   | 0                            | 1  | 1  | 1   |
| 80109C  | REGINA, SASK.            |                                                              |                                         |                                      |    |    |     |                              |    |    |     |
|         | 1620 ALBERT STREET       | 740                                                          | 1.2                                     | 1                                    | 3  | 3  | 6   | 1                            | 2  | 2  | 2   |
| 90122R  | EDMONTON, ALTA.          |                                                              |                                         |                                      |    |    |     |                              |    |    |     |
| 90130C  | 127 ST. & 133 AVENUE     | 714                                                          | 1.0                                     | 1                                    | 3  | 4  | 4   | 1                            | 2  | 2  | 3   |
|         | 10255 - 104TH STREET     | 713                                                          | 0.7                                     | 1                                    | 2  | 3  | 4   | 1                            | 1  | 2  | 2   |
| 90222R  | CALGARY, ALTA.           |                                                              |                                         |                                      |    |    |     |                              |    |    |     |
| 90227C  | 39 ST. & 29 AVE. N.W.    | 696                                                          | 1.5                                     | 2                                    | 4  | 4  | 4   | 2                            | 2  | 3  | 3   |
|         | 1611-4TH STREET S.W.     | 710                                                          | 0.6                                     | 1                                    | 2  | 2  | 2   | 1                            | 1  | 1  | 1   |

\*\*\* 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>1982                                    |                                         |                                                                   |    | 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 |    |                                    |     |    |    |    |     |
|                                    |                          |                                                              |                                         | INTERVALS - INTERVALLES                                           |    |                                    |     |    |    |    |     |
|                                    |                          |                                                              |                                         | 1-HOUR / HEURE                                                    |    |                                    |     |    |    |    |     |
|                                    |                          |                                                              |                                         | 70                                                                | 95 | 99                                 | MAX | 70 | 95 | 99 | MAX |
| VANCOUVER, B.C.                    |                          |                                                              |                                         |                                                                   |    |                                    |     |    |    |    |     |
| 00106R                             | 2294 WEST 10TH AVENUE    | 656                                                          | 0.7                                     | 1                                                                 | 3  | 4                                  | 4   | 1  | 2  | 2  | 3   |
| 00108I                             | 250 WEST 70TH AVENUE     | 443                                                          | 0.7                                     | 1                                                                 | 3  | 3                                  | 3   | 1  | 2  | 2  | 2   |
| 00110R                             | E. HASTINGS & KENSINGTON | 443                                                          | 0.7                                     | 1                                                                 | 2  | 3                                  | 3   | 1  | 1  | 2  | 2   |
| 00111I                             | ROCKY PT. PARK           | 432                                                          | 0.9                                     | 1                                                                 | 3  | 3                                  | 5   | 1  | 2  | 2  | 2   |
| 00112C                             | ROBSON/HORNBV            | 730                                                          | ***                                     | 1                                                                 | 1  | 2                                  | 2   | 1  | 1  | 1  | 1   |
| VICTORIA, B.C.                     |                          |                                                              |                                         |                                                                   |    |                                    |     |    |    |    |     |
| 00302C                             | 1106 COOK ST.            | 713                                                          | 0.9                                     | 2                                                                 | 3  | 3                                  | 4   | 1  | 2  | 2  | 3   |

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

SOILING INDEX  
COH UNITS PER 1000 LINEAR FT.

OCTOBER - OCTOBRE  
1982

INDICE DE SOUILLURE  
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 |
| MONTREAL, QUEBEC       |                          |                                              |                                         |                         |     |     |     |                              |     |     |     |
| 50101R                 | PARC JARRY               | 332                                          | 0.14                                    | 0.1                     | 0.5 | 1.1 | 1.8 | 0.1                          | 0.5 | 0.7 | 0.7 |
| 50103R                 | POINTE-AUX-TREMBLES      | 321                                          | 0.33                                    | 0.4                     | 0.9 | 1.5 | 2.5 | 0.4                          | 0.9 | 1.3 | 1.4 |
| 50104C                 | 1125 ONTARIO EST         | 369                                          | 0.34                                    | 0.4                     | 0.9 | 1.6 | 2.2 | 0.4                          | 0.8 | 1.2 | 1.2 |
| 50106R                 | VILLE ST-LAURENT         | 344                                          | 0.48                                    | 0.5                     | 1.4 | 2.2 | 2.7 | 0.5                          | 1.2 | 1.6 | 1.6 |
| 50109C                 | DUNCAN & DECARIE         | 320                                          | 0.42                                    | 0.5                     | 1.2 | 1.9 | 2.8 | 0.5                          | 1.0 | 1.3 | 1.4 |
| 50110C                 | PARC PILON, MTL.-NORD    | 372                                          | 0.39                                    | 0.4                     | 1.1 | 1.7 | 2.1 | 0.5                          | 0.9 | 1.1 | 1.1 |
| 50115C                 | 1001 BOUL MAISONNEUVE O. | 285                                          | 0.49                                    | 0.6                     | 1.0 | 1.9 | 3.0 | 0.7                          | 1.0 | 1.1 | 1.1 |
| 50116R                 | 3161 JOSEPH, VERDUN      | 315                                          | 0.37                                    | 0.4                     | 0.9 | 1.9 | 2.6 | 0.4                          | 0.9 | 1.3 | 1.4 |
| HULL, QUEBEC           |                          |                                              |                                         |                         |     |     |     |                              |     |     |     |
| 50203R                 | GAMELIN & JOFFRE         | 372                                          | 0.19                                    | 0.3                     | 0.6 | 0.9 | 1.2 | 0.2                          | 0.4 | 0.5 | 0.5 |
| TROIS-RIVIERES, QUEBEC |                          |                                              |                                         |                         |     |     |     |                              |     |     |     |
| 50801R                 | HART & STE-CECILE        | 325                                          | 0.19                                    | 0.2                     | 0.4 | 0.7 | 1.7 | 0.2                          | 0.4 | 0.4 | 0.5 |
| SHAWINIGAN, QUEBEC     |                          |                                              |                                         |                         |     |     |     |                              |     |     |     |
| 51201I                 | FRIGON & LAVAL           | 66                                           | ----                                    | 0.2                     | 0.6 | 1.1 | 1.1 | 0.2                          | 0.4 | 0.4 | 0.4 |
| OTTAWA, ONT.           |                          |                                              |                                         |                         |     |     |     |                              |     |     |     |
| 60101C                 | 88 SLATER ST.            | 351                                          | 0.23                                    | 0.4                     | 0.6 | 0.9 | 1.3 | 0.3                          | 0.5 | 0.6 | 0.7 |
| 60104C                 | RIDEAU & WURTEMBURG      | 721                                          | (1) 0.26                                | 0.3                     | 0.8 | 1.1 | 1.3 | 0.3                          | 0.7 | 0.7 | 0.7 |
| WINDSOR, ONT.          |                          |                                              |                                         |                         |     |     |     |                              |     |     |     |
| 60204C                 | 471 UNIVERSITY AVENUE    | 719                                          | (1) 0.56                                | 0.6                     | 1.5 | 2.4 | 2.8 | 0.6                          | 1.4 | 1.6 | 1.7 |
| 60211R                 | COLLEGE & PRINCE         | 716                                          | (1) 0.56                                | 0.6                     | 1.7 | 2.7 | 3.0 | 0.6                          | 1.5 | 1.8 | 2.0 |
| TORONTO, ONT.          |                          |                                              |                                         |                         |     |     |     |                              |     |     |     |
| 60402R                 | DON MILLS, SCIENCE CNTR  | 0                                            | ----                                    | -                       | -   | -   | -   | -                            | -   | -   | -   |
| 60403I                 | EVANS & ARNOLD           | 733                                          | (1) 0.65                                | 0.8                     | 1.8 | 2.6 | 2.7 | 0.8                          | 1.4 | 1.8 | 1.8 |
| 60409R                 | REDLANDS CRESCENT        | 0                                            | ----                                    | -                       | -   | -   | -   | -                            | -   | -   | -   |
| 60410R                 | LAWRENCE & KENNEDY       | 722                                          | (1) 0.56                                | 0.7                     | 1.5 | 2.6 | 3.1 | 0.6                          | 1.3 | 2.0 | 2.1 |
| 60412R                 | BATHURST & WILSON        | 729                                          | (1) 0.82                                | 1.1                     | 2.0 | 2.8 | 3.1 | 1.1                          | 1.9 | 2.3 | 2.3 |
| 60413R                 | ELMCREST ROAD            | 734                                          | (1) 0.45                                | 0.6                     | 1.3 | 2.1 | 2.5 | 0.6                          | 1.2 | 1.4 | 1.5 |
| 60414I                 | SHERBOURNE & WILTON ST.  | 724                                          | (1) 0.69                                | 0.8                     | 1.7 | 2.5 | 3.6 | 0.8                          | 1.6 | 2.0 | 2.1 |
| 60415R                 | QUEENSWAY W & HURONTARIO | 0                                            | ----                                    | -                       | -   | -   | -   | -                            | -   | -   | -   |
| 60417C                 | 26 BREADALBANE STREET    | 735                                          | (1) 0.59                                | 0.7                     | 1.5 | 2.2 | 3.5 | 0.7                          | 1.3 | 1.9 | 2.0 |
| HAMILTON, ONT.         |                          |                                              |                                         |                         |     |     |     |                              |     |     |     |
| 60501C                 | BARTON & SANFORD         | 729                                          | (1) 0.67                                | 0.8                     | 1.8 | 2.4 | 2.9 | 0.7                          | 1.5 | 1.7 | 1.8 |
| 60505R                 | NORTH PARK               | 726                                          | (1) 0.57                                | 0.8                     | 1.4 | 2.0 | 2.7 | 0.8                          | 1.1 | 1.5 | 1.6 |
| SUDBURY, ONT.          |                          |                                              |                                         |                         |     |     |     |                              |     |     |     |
| 60602R                 | ASH STREET               | 734                                          | (1) 0.16                                | 0.2                     | 0.5 | 0.7 | 0.9 | 0.2                          | 0.4 | 0.5 | 0.6 |
| THUNDER BAY, ONT.      |                          |                                              |                                         |                         |     |     |     |                              |     |     |     |
| 60806R                 | 435 JAMES S.             | 0                                            | ----                                    | -                       | -   | -   | -   | -                            | -   | -   | -   |
| LONDON, ONT.           |                          |                                              |                                         |                         |     |     |     |                              |     |     |     |
| 60901C                 | KING & RECTORY           | 722                                          | (1) 0.48                                | 0.6                     | 1.3 | 2.2 | 3.6 | 0.6                          | 1.1 | 1.6 | 1.7 |
| 60902C                 | 372 DUNDAS               | 0                                            | ----                                    | -                       | -   | -   | -   | -                            | -   | -   | -   |
| SARNIA, ONT.           |                          |                                              |                                         |                         |     |     |     |                              |     |     |     |
| 61004R                 | FRONT ST. AT C.N. TRACKS | 722                                          | (1) 0.35                                | 0.5                     | 1.0 | 1.7 | 2.8 | 0.4                          | 0.9 | 1.2 | 1.2 |
| PETERBOROUGH, ONT.     |                          |                                              |                                         |                         |     |     |     |                              |     |     |     |
| 61103C                 | 500 GEORGE STREET        | 0                                            | ----                                    | -                       | -   | -   | -   | -                            | -   | -   | -   |
| CORNWALL, ONT.         |                          |                                              |                                         |                         |     |     |     |                              |     |     |     |
| 61201R                 | MEMORIAL PARK            | 699                                          | (1) 0.27                                | 0.3                     | 0.8 | 1.6 | 2.2 | 0.3                          | 0.7 | 1.1 | 1.1 |
| ST. CATHARINES, ONT.   |                          |                                              |                                         |                         |     |     |     |                              |     |     |     |
| 61301C                 | NORTH ST. & GENEVA ST.   | 686                                          | (1) 0.34                                | 0.4                     | 0.9 | 1.5 | 2.0 | 0.4                          | 0.8 | 1.0 | 1.1 |
| KITCHENER, ONT.        |                          |                                              |                                         |                         |     |     |     |                              |     |     |     |
| 61501C                 | EDNA & FREDERICK         | 0                                            | ----                                    | -                       | -   | -   | -   | -                            | -   | -   | -   |
| OAKVILLE, ONT.         |                          |                                              |                                         |                         |     |     |     |                              |     |     |     |
| 61602R                 | BRONTE AND WOBURN CRES.  | 726                                          | (1) 0.58                                | 0.8                     | 1.5 | 2.1 | 2.9 | 0.7                          | 1.2 | 1.5 | 1.5 |
| OSHAWA, ONT.           |                          |                                              |                                         |                         |     |     |     |                              |     |     |     |
| 61701R                 | RITSON RD. & OLIVE AVE.  | 730                                          | (1) 0.54                                | 0.7                     | 1.6 | 2.1 | 2.7 | 0.7                          | 1.3 | 1.6 | 1.7 |
| GUELPH, ONT.           |                          |                                              |                                         |                         |     |     |     |                              |     |     |     |
| 61801C                 | FARQUHAR & WYNDHAM       | 0                                            | ----                                    | -                       | -   | -   | -   | -                            | -   | -   | -   |
| WINNIPEG, MAN.         |                          |                                              |                                         |                         |     |     |     |                              |     |     |     |
| 70118R                 | JEFFERSON & SCOTIA       | 347                                          | ****                                    | 0.1                     | 0.3 | 0.3 | 0.4 | 0.1                          | 0.2 | 0.2 | 0.2 |
| 70119C                 | 65 ELLEN STREET          | 318                                          | ****                                    | 0.1                     | 0.3 | 0.3 | 0.4 | 0.1                          | 0.2 | 0.2 | 0.2 |
| 70120R                 | 604 ST. MARY'S RD.       | 339                                          | ****                                    | 0.1                     | 0.3 | 0.4 | 0.8 | 0.1                          | 0.2 | 0.3 | 0.3 |

(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.

SOILING INDEX  
COH UNITS PER 1000 LINEAR FT.OCTOBER - OCTOBRE  
1982INDICE 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 |
| 80209C  | SASKATOON, SASK.<br>IDYLWYLD DR. & 33RD ST. | 301                                          | ****                                    | 0.0                     | 0.1 | 0.1 | 0.2 | 0.0                          | 0.0 | 0.1 | 0.1 |
| 90122R  | EDMONTON, ALTA.<br>127 ST. & 133 AVENUE     | 744                                          | (1) 0.36                                | 0.4                     | 1.1 | 1.5 | 3.1 | 0.4                          | 0.8 | 1.1 | 1.2 |
| 90130C  | 10255 - 104TH STREET                        | 744                                          | (1) 0.38                                | 0.4                     | 1.0 | 1.7 | 1.9 | 0.4                          | 0.8 | 1.0 | 1.0 |
| 90218I  | CALGARY, ALTA.<br>BONNY BRK & 18A ST. S.E.  | 679                                          | (1) 0.43                                | 0.5                     | 1.2 | 1.8 | 3.6 | 0.5                          | 0.8 | 1.0 | 1.1 |
| 90222R  | 39 ST. & 29 AVE. N.W.                       | 736                                          | (1) 0.21                                | 0.2                     | 0.7 | 1.1 | 1.3 | 0.2                          | 0.5 | 0.6 | 0.6 |
| 90227C  | 1611-4TH STREET S.W.                        | 737                                          | (1) 0.50                                | 0.6                     | 1.3 | 2.2 | 2.5 | 0.5                          | 0.9 | 1.1 | 1.2 |
| 00102R  | VANCOUVER, B.C.<br>100 RICHMOND STREET      | 305                                          | 0.21                                    | 0.2                     | 0.7 | 1.0 | 1.2 | 0.2                          | 0.5 | 0.6 | 0.7 |
| 00106R  | 2294 WEST 10TH AVENUE                       | 283                                          | 0.18                                    | 0.2                     | 0.6 | 0.8 | 1.0 | 0.2                          | 0.4 | 0.4 | 0.4 |
| 00108I  | 250 WEST 70TH AVENUE                        | 295                                          | 0.27                                    | 0.3                     | 0.9 | 1.6 | 1.6 | 0.3                          | 0.7 | 0.8 | 0.8 |
| 00110R  | E. HASTINGS & KENSINGTON                    | 360                                          | 0.14                                    | 0.2                     | 0.4 | 0.6 | 0.8 | 0.2                          | 0.3 | 0.4 | 0.4 |
| 00111I  | ROCKY PT. PARK                              | 309                                          | 0.21                                    | 0.3                     | 0.6 | 0.8 | 1.0 | 0.3                          | 0.5 | 0.6 | 0.6 |
| 00112C  | ROBSON/HORNBY                               | 236                                          | 0.17                                    | 0.2                     | 0.4 | 0.8 | 1.4 | 0.2                          | 0.3 | 0.5 | 0.5 |
| 00202C  | PRINCE GEORGE, B.C.<br>1011 4TH AVENUE      | 342                                          | 0.23                                    | 0.3                     | 0.6 | 0.9 | 1.3 | 0.3                          | 0.5 | 0.6 | 0.6 |
| 00302C  | VICTORIA, B.C.<br>1106 COOK ST.             | 340                                          | 0.35                                    | 0.5                     | 1.0 | 1.3 | 1.8 | 0.5                          | 0.7 | 0.8 | 0.9 |
| 09001C  | WHITEHORSE, YUKON<br>FEDERAL BUILDING       | 0                                            | ----                                    | -                       | -   | -   | -   | -                            | -   | -   | -   |

(1) BASED ON 1-HOUR READINGS  
DONNEES INITIALES D'UNE HEURE\*\*\*\* CALCULATED MEANS ARE BELOW 0.1  
LES MOYENNES SONT INFÉRIEURES A 0.1

SUSPENDED PARTICULATE MATTER AND LEAD  
MICROGRAMS PER CUBIC METRE

OCTOBER - OCTOBRE  
1982

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 |
|         |                                              | 2                                       | 8  | 14  | 20  | 26  |                 | 2                          | 8   | 14  | 20  | 26  |                 |
| 10101C  | ST. JOHN'S, Nfld.<br>DUCKWORTH & ORDINANCE   | 13                                      | 28 | 64  | -   | 40  | 36              | 0.0                        | 0.2 | 0.4 | -   | 0.3 | 0.2             |
| 20101C  | CHARLOTTETOWN, P.E.I.<br>56 FITZROY ST.      | 28                                      | 33 | 19  | 21  | 27  | 26              | 0.4                        | 0.3 | 0.2 | 0.0 | 0.2 | 0.2             |
| 30101C  | HALIFAX, N.S.<br>N.S. TECHNICAL COLLEGE      | 43                                      | 24 | 38  | 37  | 43  | 37              | 0.1                        | 0.1 | 0.2 | 0.1 | 0.1 | 0.1             |
| 30102R  | DALHOUSIE UNIVERSITY                         | 22                                      | 34 | 32  | 23  | 28  | 28              | 0.1                        | 0.2 | 0.2 | 0.1 | 0.2 | 0.1             |
| 30114R  | MT ST VINCENT UNIVERSITY                     | 12                                      | 26 | 24  | 18  | 25  | 21              | 0.0                        | 0.1 | 0.3 | 0.1 | 0.1 | 0.1             |
| 30115I  | CFB SHEARWATER                               | 19                                      | 20 | 34  | 15  | 21  | 22              | 0.0                        | 0.1 | 0.1 | 0.0 | 0.1 | 0.1             |
| 30310C  | SYDNEY, N.S.<br>COUNTY JAIL                  | 17                                      | 30 | 42  | 41  | 32  | 32              | 0.1                        | 0.4 | 0.7 | 0.5 | 0.3 | 0.4             |
| 30311R  | WHITNEY RIER FIRE STN.                       | 39                                      | 70 | 58  | 135 | 59  | 72              | 0.2                        | 0.5 | 0.4 | 0.4 | 0.4 | 0.4             |
| 30408R  | GLACE BAY, N.S.<br>SOUTH STREET              | 47                                      | 28 | 37  | 52  | 38  | 40              | 0.0                        | 0.0 | 0.1 | 0.1 | 0.1 | 0.1             |
| 40102C  | FREDERICTON, N.B.<br>YORK STREET             | 24                                      | 26 | 22  | 41  | 71  | 37              | 0.3                        | 0.3 | 0.4 | 0.4 | 1.2 | 0.5             |
| 40201C  | SAINT JOHN, N.B.<br>110 CHARLOTTE STREET     | 41                                      | 51 | 36  | 52  | 54  | 47              | 0.1                        | 0.1 | 0.2 | 0.1 | 0.3 | 0.2             |
| 40301C  | MONCTON, N.B.<br>774 MAIN STREET             | -                                       | -  | -   | -   | -   | -               | -                          | -   | -   | -   | -   | -               |
| 50102R  | MONTREAL, QUEBEC<br>JARDIN BOTANIQUE         | 54                                      | 36 | 32  | 86  | 56  | 53              | 0.7                        | 0.3 | 0.2 | 0.3 | 0.4 | 0.4             |
| 50103R  | POINTE-AUX-TREMBLES                          | 36                                      | 32 | 38  | 71  | 114 | 58              | -                          | -   | -   | -   | -   | -               |
| 50104C  | 1125 ONTARIO EST                             | 41                                      | 51 | 40  | 86  | 88  | 61              | 0.9                        | 0.6 | 0.7 | 0.5 | 0.9 | 0.7             |
| 50105C  | 1212 DRUMMOND                                | -                                       | -  | -   | -   | -   | -               | -                          | -   | -   | -   | -   | -               |
| 50106R  | VILLE ST-LAURENT                             | -                                       | -  | -   | -   | -   | -               | -                          | -   | -   | -   | -   | -               |
| 50108R  | 1700 BOURASSA, LONGUEUIL                     | 22                                      | 17 | 8   | -   | 30  | 19              | 0.2                        | 0.1 | -   | 0.2 | 0.2 | 0.2             |
| 50109C  | DUNCAN & DECARIE                             | 86                                      | 45 | 108 | 178 | 200 | 123             | 1.6                        | 2.0 | 1.6 | 0.3 | 2.8 | 1.7             |
| 50110C  | PARC PILON, MTL.-NORD                        | 26                                      | 40 | 23  | 78  | 100 | 53              | -                          | -   | -   | -   | -   | -               |
| 50112C  | BOUL. LAURENTIDES                            | 20                                      | 29 | 23  | 63  | 60  | 39              | 0.2                        | 0.3 | 0.2 | 0.4 | 0.6 | 0.3             |
| 50113R  | PIE X & CARDINAL                             | 28                                      | 27 | 24  | 51  | 67  | 39              | 0.2                        | 0.2 | 0.1 | 0.2 | 0.6 | 0.3             |
| 50115C  | 1001 BOUL MAISONNEUVE O.                     | -                                       | -  | -   | -   | -   | -               | -                          | -   | -   | -   | -   | -               |
| 50116R  | 3161 JOSEPH, VERDUN                          | 33                                      | 63 | 32  | 47  | 121 | 59              | 0.9                        | 0.6 | 0.3 | 0.7 | 1.1 | 0.7             |
| 50203R  | HULL, QUEBEC<br>GAMBLIN & JOFFRE             | 20                                      | 37 | 16  | -   | 52  | 31              | 0.3                        | 0.4 | 0.1 | -   | 0.6 | 0.4             |
| 50303I  | QUEBEC, QUEBEC<br>CENTRE LOISIRS LIMOILLOU   | 32                                      | 29 | 63  | 202 | 129 | 91              | 0.6                        | 0.1 | 0.3 | 1.7 | 1.6 | 0.9             |
| 50306R  | 2026 BLVD. ST-CYRILLE                        | 16                                      | 11 | 39  | 97  | 68  | 46              | -                          | -   | 0.4 | 1.2 | 1.1 | 0.9             |
| 50402R  | SHERBROOKE, QUEBEC<br>CASERNE DE POMPIERS #5 | -                                       | -  | -   | -   | -   | -               | -                          | -   | -   | -   | -   | -               |
| 50403C  | WELLINGTON & ALBERT                          | 31                                      | 56 | -   | 69  | 57  | 53              | 0.3                        | 0.4 | -   | 0.4 | 0.5 | 0.4             |
| 50502R  | CHICOUTIMI, QUEBEC<br>USINE DE FILTRATION    | -                                       | -  | -   | -   | 58  | -               | -                          | -   | -   | -   | 0.2 | -               |
| 50503C  | 222 RACINE                                   | 36                                      | -  | 56  | -   | 225 | 106             | 0.6                        | -   | 0.6 | -   | 1.3 | 0.8             |
| 50601C  | ROUYN, QUEBEC<br>HOTEL DE VILLE              | 15                                      | 18 | 8   | -   | 30  | 18              | 0.2                        | 0.3 | 0.2 | -   | 0.2 | 0.2             |
| 50701C  | SEPT-ILES, QUEBEC<br>HOTEL DE VILLE          | -                                       | 82 | -   | 46  | 36  | 55              | -                          | 0.4 | -   | 0.5 | 0.3 | 0.4             |
| 50801R  | TROIS-RIVIERES, QUEBEC<br>HART & STE-CECILE  | 61                                      | 54 | 71  | 100 | 117 | 81              | 0.6                        | 0.2 | 0.4 | 0.4 | 1.0 | 0.5             |
| 50901R  | ARVIDA, QUEBEC<br>POWELL & HOOPES            | -                                       | -  | -   | -   | -   | -               | -                          | -   | -   | -   | -   | -               |
| 51002R  | TRACY, QUEBEC<br>GARNEAU & RTE 132           | -                                       | 36 | 28  | 79  | 122 | 66              | -                          | 0.1 | 0.2 | 0.4 | 0.4 | 0.3             |
| 51101C  | THETFORD MINES, QUEBEC<br>BOUL. STE-MARTHE   | -                                       | 10 | 27  | 42  | 58  | 34              | -                          | -   | 0.2 | 0.3 | 0.5 | 0.3             |
| 51201I  | SHAWINIGAN, QUEBEC<br>FRIGON & LAVAL         | 121                                     | 12 | 272 | 507 | 156 | 214             | 0.3                        | -   | 0.2 | 0.3 | 0.6 | 0.4             |
| 51301R  | BAIE COMEAU, QUEBEC<br>39 AVE. MARGUETTE     | 64                                      | 27 | -   | 45  | 27  | 41              | 0.1                        | 0.1 | -   | 0.2 | 0.2 | 0.2             |
| 60101C  | OTTAWA, ONT.<br>88 SLATER ST.                | 40                                      | 70 | 42  | 82  | 77  | 62              | 0.5                        | 0.5 | 0.4 | 0.4 | 0.6 | 0.5             |
| 60104C  | RIDEAU & WURTEMBURG                          | -                                       | -  | -   | -   | -   | -               | -                          | -   | -   | -   | -   | -               |
| 60105R  | NRC, MONTREAL ROAD                           | 21                                      | 39 | 20  | 46  | 57  | 37              | 0.3                        | 0.3 | 0.2 | 0.2 | 0.5 | 0.3             |
| 60201I  | WINDSOR, ONT.<br>MORTON TERMINAL DOCK        | 34                                      | 29 | 85  | 62  | 67  | 55              | 0.0                        | 0.0 | 0.2 | 0.0 | 0.8 | 0.2             |
| 60202C  | CITY HALL                                    | 43                                      | 76 | 97  | 62  | 127 | 81              | 0.1                        | 0.4 | 0.4 | 0.2 | 1.0 | 0.4             |
| 60203R  | TECUMSEH WATER WORKS                         | 28                                      | 52 | 63  | 28  | 93  | 53              | 0.0                        | 0.2 | 0.0 | 0.0 | 1.0 | 0.2             |
| 60204C  | 471 UNIVERSITY AVENUE                        | 28                                      | 66 | 54  | 45  | 132 | 65              | 0.1                        | 0.4 | 0.1 | -   | 1.2 | 0.5             |

SUSPENDED PARTICULATE MATTER AND LEAD  
MICROGRAMS PER CUBIC METREOCTOBER - OCTOBRE  
1982PLOMB ET PARTICULES EN SUSPENSION  
MICROGRAMMES PAR METRE CUBE

| STATION | LOCATION<br>EMPLACEMENT                         | *----- PARTICULATES / PARTICULES -----* |     |     |     |     | MEAN<br>MOYENNE | *----- LEAD / PLOMB -----* |     |     |     |     | MEAN<br>MOYENNE |
|---------|-------------------------------------------------|-----------------------------------------|-----|-----|-----|-----|-----------------|----------------------------|-----|-----|-----|-----|-----------------|
|         |                                                 | *----- DAY / JOUR -----*                |     |     |     |     |                 | *----- DAY / JOUR -----*   |     |     |     |     |                 |
|         |                                                 | 2                                       | 8   | 14  | 20  | 26  |                 | 2                          | 8   | 14  | 20  | 26  |                 |
| 60301R  | KINGSTON, ONT.<br>QUEEN'S UNIVERSITY            | -                                       | -   | -   | -   | -   | -               | -                          | -   | -   | -   | -   | -               |
| 60402R  | TORONTO, ONT.<br>DON MILLS, SCIENCE CNTR        | 23                                      | 19  | -   | -   | -   | -               | 0.4                        | 0.2 | -   | -   | -   | -               |
| 60403I  | EVANS & ARNOLD                                  | 35                                      | 31  | 84  | 53  | -   | 51              | 1.0                        | 0.2 | -   | -   | -   | -               |
| 60409R  | REDLANDS CRESCENT                               | -                                       | 38  | 34  | 46  | -   | 39              | -                          | 0.0 | 0.2 | 0.0 | -   | 0.1             |
| 60410R  | LAWRENCE & KENNEDY                              | 40                                      | 71  | 46  | 53  | 123 | 67              | 0.3                        | 0.4 | 0.5 | 0.3 | 1.4 | 0.6             |
| 60412R  | BATHURST & WILSON                               | -                                       | 24  | 45  | 42  | -   | 37              | -                          | 0.4 | 0.6 | 0.5 | -   | 0.5             |
| 60413R  | ELMCREST ROAD                                   | 51                                      | 29  | -   | 54  | -   | 45              | 1.0                        | 0.1 | -   | 0.3 | -   | 0.5             |
| 60414I  | SHERBOURNE & WILTON ST.                         | 45                                      | 90  | 71  | 82  | 124 | 82              | 0.3                        | 1.1 | 0.7 | 0.6 | 1.8 | 0.9             |
| 60415R  | QUEENSWAY W & HURONTARIO                        | 32                                      | 47  | -   | -   | -   | -               | 0.3                        | 0.6 | 0.3 | 0.0 | -   | 0.3             |
| 60417C  | 26 BREADALBANE STREET                           | 31                                      | 45  | 49  | 52  | 85  | 52              | 0.3                        | 0.3 | 0.4 | 0.2 | 0.8 | 0.4             |
| 60501C  | HAMILTON, ONT.<br>BARTON & SANFORD              | 51                                      | 70  | 58  | 62  | 152 | 79              | 0.3                        | 0.6 | 0.4 | 0.3 | 1.5 | 0.6             |
| 60503I  | CHATHAM & FRID                                  | 38                                      | 69  | 64  | 50  | 145 | 73              | 0.5                        | 0.4 | 0.3 | 0.0 | 1.2 | 0.5             |
| 60505R  | NORTH PARK                                      | 26                                      | 133 | 152 | 187 | 71  | 114             | 0.0                        | 1.3 | 1.1 | 1.2 | 1.1 | 0.9             |
| 60602R  | SUDBURY, ONT.<br>ASH STREET                     | 20                                      | 16  | 20  | 22  | 39  | 23              | 0.2                        | 0.1 | 0.1 | 0.1 | 0.3 | 0.2             |
| 60605C  | 19 LISGAR STREET                                | 18                                      | 18  | 21  | 27  | 43  | 25              | 0.2                        | 0.3 | 0.2 | 0.0 | 0.5 | 0.2             |
| 60705R  | SAULT STE. MARIE, ONT.<br>550 QUEEN STREET WEST | 64                                      | 36  | 42  | 18  | 82  | 48              | 0.0                        | 0.0 | 0.0 | 0.0 | 0.7 | 0.1             |
| 60801C  | THUNDER BAY, ONT.<br>14 ALGOMA STREET           | 20                                      | 27  | 24  | 15  | 82  | 34              | -                          | -   | -   | -   | -   | -               |
| 60806R  | 435 JAMES S.                                    | 16                                      | 17  | 14  | 6   | -   | 13              | 0.0                        | 0.0 | 0.0 | 0.0 | -   | 0.0             |
| 60901C  | LONDON, ONT.<br>KING & RECTORY                  | 42                                      | 71  | 55  | 45  | 151 | 73              | 0.2                        | 0.6 | 0.4 | 0.2 | 1.1 | 0.5             |
| 60902C  | 372 DUNDAS                                      | 33                                      | 38  | 36  | -   | 63  | 43              | 0.3                        | 0.3 | 0.2 | -   | 0.6 | 0.4             |
| 61004R  | SARNIA, ONT.<br>FRONT ST. AT C.N. TRACKS        | 32                                      | 47  | 43  | 48  | 175 | 69              | 0.2                        | 0.2 | 0.1 | 0.1 | 1.1 | 0.3             |
| 61103C  | PETERBOROUGH, ONT.<br>500 GEORGE STREET         | 17                                      | 45  | 21  | 61  | 59  | 41              | 0.3                        | 0.5 | 0.2 | 0.6 | 0.8 | 0.5             |
| 61201R  | CORNWALL, ONT.<br>MEMORIAL PARK                 | -                                       | -   | -   | -   | -   | -               | -                          | -   | -   | -   | -   | -               |
| 61301C  | ST. CATHARINES, ONT.<br>NORTH ST. & GENEVA ST.  | 25                                      | 54  | 50  | 54  | 80  | 53              | 0.2                        | 0.3 | 0.2 | 0.2 | 1.1 | 0.4             |
| 61501C  | KITCHENER, ONT.<br>EDNA & FREDERICK             | 42                                      | 100 | 34  | 65  | 81  | 64              | 1.2                        | 1.3 | 0.3 | 0.5 | 1.2 | 0.9             |
| 61602R  | OKVILLE, ONT.<br>BRONTE AND WOBURN CRES.        | 22                                      | 49  | 55  | 53  | -   | 45              | 0.2                        | 0.3 | 0.4 | 0.1 | -   | 0.3             |
| 61701R  | OSHAWA, ONT.<br>RITSON RD. & OLIVE AVE.         | 46                                      | 71  | 42  | 60  | 89  | 62              | 0.5                        | 0.6 | 0.3 | 0.3 | 0.8 | 0.5             |
| 61801C  | GUELPH, ONT.<br>FARQUHAR & WYNDHAM              | 17                                      | 58  | 26  | 29  | 71  | 40              | 0.1                        | 0.4 | 0.2 | 0.0 | 0.5 | 0.2             |
| 70102R  | WINNIPEG, MAN.<br>PORTAGE & WOODLAWN            | 23                                      | 36  | 62  | 57  | 61  | 48              | 0.4                        | 0.4 | 0.7 | 0.7 | 0.1 | 0.4             |
| 70104I  | UNION STOCK YARDS                               | 22                                      | 44  | 119 | 126 | 80  | 78              | 0.2                        | 0.2 | 0.2 | 0.3 | 0.1 | 0.2             |
| 70118R  | JEFFERSON & SCOTIA                              | 22                                      | 19  | 26  | 33  | 67  | 33              | 0.2                        | 0.2 | 0.2 | 0.3 | 0.2 | 0.2             |
| 70119C  | 65 ELLEN STREET                                 | -                                       | 35  | 54  | 54  | 120 | 66              | 0.3                        | 0.5 | 0.3 | 0.4 | 0.4 | 0.4             |
| 70120R  | 604 ST. MARY'S RD.                              | 12                                      | 38  | 44  | 47  | 68  | 42              | 0.2                        | 0.4 | 0.2 | 0.4 | 0.3 | 0.3             |
| 70201C  | BRANDON, MAN.<br>11TH ST. & PRINCESS AVE.       | 12                                      | 43  | 46  | 34  | 106 | 48              | 0.1                        | 0.2 | 0.1 | 0.1 | 0.3 | 0.2             |
| 80102R  | REGINA, SASK.<br>3211 ALBERT STREET             | 12                                      | 44  | 46  | 21  | 39  | 32              | 0.1                        | 0.3 | 0.1 | 0.1 | 0.2 | 0.2             |
| 80108C  | 12TH AVE. & SMITH ST.                           | 60                                      | 101 | 86  | 51  | 80  | 78              | 0.3                        | 0.4 | 0.3 | 0.3 | 0.3 | 0.3             |
| 80109C  | 1620 ALBERT STREET                              | 41                                      | 106 | 68  | 57  | 106 | 76              | 0.3                        | 0.5 | 0.2 | 0.3 | 0.6 | 0.4             |
| 80203R  | SASKATOON, SASK.<br>30TH ST. & 833 P AVE.       | 35                                      | 28  | 53  | 35  | 60  | 42              | 0.3                        | 0.2 | 0.1 | 0.1 | 0.3 | 0.2             |
| 80209C  | IDYLWYLD DR. & 33RD ST.                         | 70                                      | 83  | 95  | 62  | 65  | 75              | 0.4                        | 0.5 | 0.3 | 0.1 | 0.3 | 0.3             |
| 80301C  | MOOSE JAW, SASK.<br>FAIRFORD ST. & 1ST AVE.     | 90                                      | 76  | 96  | 110 | 114 | 97              | 0.3                        | 0.3 | 0.2 | 0.3 | 0.5 | 0.3             |
| 80401C  | PRINCE ALBERT, SASK.<br>1257-1ST AVE. EAST      | 62                                      | 52  | 77  | 63  | 101 | 71              | 0.3                        | 0.3 | 0.2 | 0.2 | 0.3 | 0.3             |
| 90121I  | EDMONTON, ALTA.<br>17 STREET & 105 AVENUE       | 57                                      | 91  | 184 | 96  | 218 | 129             | -                          | -   | -   | -   | -   | -               |
| 90122R  | 127 ST. & 133 AVENUE                            | 45                                      | 93  | 93  | 125 | 182 | 108             | -                          | -   | -   | -   | -   | -               |
| 90130C  | 10255 - 104TH STREET                            | 81                                      | 83  | 91  | 87  | 166 | 102             | -                          | -   | -   | -   | -   | -               |
| 90204C  | CALGARY, ALTA.<br>316-7TH AVENUE                | 160                                     | 187 | 188 | 202 | 298 | 207             | -                          | -   | -   | -   | -   | -               |
| 90218I  | BONNY BRK & 18A ST. S.E.                        | 96                                      | 179 | 149 | 98  | 279 | 160             | -                          | -   | -   | -   | -   | -               |
| 90222R  | 39 ST. & 29 AVE. N.W.                           | 48                                      | 44  | 65  | 52  | 59  | 54              | -                          | -   | -   | -   | -   | -               |

SUSPENDED PARTICULATE MATTER AND LEAD  
MICROGRAMS PER CUBIC METRE

OCTOBER - OCTOBRE  
1982

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 |
|         |                                                | 2                                       | 8  | 14  | 20  | 26  |                 | 2                          | 8   | 14  | 20  | 26  |                 |
| 99001C  | YELLOWKNIFE, N.W.T.<br>50TH AVE. & 49TH STREET | -                                       | -  | -   | -   | -   | -               | -                          | -   | -   | -   | -   | -               |
|         | VANCOUVER, B.C.                                |                                         |    |     |     |     |                 |                            |     |     |     |     |                 |
| 00102R  | 100 RICHMOND STREET                            | 30                                      | 36 | 142 | 76  | -   | 71              | 0.6                        | 0.7 | 3.0 | 1.7 | -   | 1.5             |
| 00104R  | 27TH & ONTARIO                                 | 26                                      | 37 | -   | 78  | 24  | 41              | 0.3                        | 0.8 | -   | 1.8 | 0.2 | 0.8             |
| 00106R  | 2294 WEST 10TH AVENUE                          | 18                                      | 29 | -   | 55  | 18  | 30              | 0.3                        | 0.5 | -   | 1.2 | 0.1 | 0.5             |
| 00108I  | 250 WEST 70TH AVENUE                           | 31                                      | 39 | 155 | -   | 28  | 63              | 0.4                        | 0.6 | 2.4 | -   | 0.3 | 0.9             |
| 00109C  | 970 BURRARD                                    | 34                                      | 42 | -   | 95  | 29  | 50              | 0.7                        | 0.9 | -   | 1.8 | 0.4 | 0.9             |
| 00110R  | E. HASTINGS & KENSINGTON                       | 28                                      | 27 | 97  | 53  | 18  | 45              | 0.5                        | 0.4 | 1.7 | 1.1 | 0.1 | 0.8             |
| 00111I  | ROCKY PT. PARK                                 | -                                       | 26 | 96  | 65  | 19  | 52              | -                          | 0.3 | 1.6 | 0.9 | 0.1 | 0.8             |
| 00113I  | ANNACIS ISLAND, DELTA                          | 30                                      | 39 | 121 | 98  | 30  | 64              | 0.2                        | 0.4 | 1.4 | 1.1 | 0.0 | 0.6             |
| 00114C  | MUNICIPAL HALL, RICHMOND                       | 24                                      | 33 | 70  | 73  | -   | 50              | 0.3                        | 0.5 | 1.7 | 1.8 | -   | 1.1             |
| 00115R  | NEWTON ELEM. SCH., SURREY                      | 27                                      | 40 | 118 | 46  | 21  | 50              | 0.4                        | 0.5 | 2.1 | 1.0 | 0.1 | 0.8             |
| 00116R  | FIRE HALL, N. VANCOUVER                        | 30                                      | 27 | -   | 46  | 15  | 30              | 0.6                        | 0.7 | -   | 1.1 | 0.2 | 0.6             |
| 00117R  | BCIT BURNABY                                   | 24                                      | 28 | 102 | 71  | 18  | 49              | 0.7                        | 0.6 | 2.7 | 1.7 | 0.1 | 1.2             |
| 00202C  | PRINCE GEORGE, B.C.<br>1011 4TH AVENUE         | 41                                      | 76 | 175 | 84  | 125 | 100             | 0.3                        | 0.5 | 0.6 | 0.3 | 0.4 | 0.4             |
| 00302C  | VICTORIA, B.C.<br>1106 COOK ST.                | 27                                      | 40 | -   | 65  | 34  | 42              | 0.2                        | 0.6 | -   | 0.8 | 0.2 | 0.5             |
| 00401C  | KAMLOOPS, B.C.<br>301 SEYMOUR ST.              | 63                                      | -  | -   | 116 | 30  | 70              | 0.7                        | -   | -   | 1.0 | 0.4 | 0.7             |
| 09001C  | WHITEHORSE, YUKON<br>FEDERAL BUILDING          | 76                                      | -  | 168 | -   | -   | -               | 0.2                        | -   | 0.8 | -   | -   | -               |

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

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

| STATION | LOCATION<br>EMPLACEMENT                     | *----- DAY / JOUR -----* |   |    |    |    |
|---------|---------------------------------------------|--------------------------|---|----|----|----|
|         |                                             | 2                        | 8 | 14 | 20 | 26 |
| 10101C  | ST. JOHN'S, NFLD.<br>DUCKWORTH & ORDINANCE  | 0                        | 0 | -  | -  | -  |
| 20101C  | CHARLOTTETOWN, P.E.I.<br>56 FITZROY ST.     | -                        | - | 0  | 0  | -  |
| 30114R  | HALIFAX, N.S.<br>MT ST VINCENT UNIVERSITY   | 0                        | 0 | 1  | 0  | 0  |
| 30115I  | CFB SHEARWATER                              | 2                        | 2 | 1  | 0  | 3  |
| 30310C  | SYDNEY, N.S.<br>COUNTY JAIL                 | 1                        | 1 | 1  | 2  | 1  |
| 30311R  | WHITNEY PIER FIRE STN.                      | 1                        | 3 | 4  | 8  | 8  |
| 30408R  | GLACE BAY, N.S.<br>SOUTH STREET             | 1                        | 1 | 1  | 2  | 1  |
| 50102R  | MONTREAL, QUEBEC<br>JARDIN BOTANIQUE        | 0                        | 0 | 0  | -  | -  |
| 50103R  | POINTE-AUX-TREMBLES                         | 1                        | 0 | -  | 0  | 1  |
| 50104C  | 1125 ONTARIO EST                            | -                        | 3 | -  | -  | 6  |
| 50106R  | VILLE ST-LAURENT                            | -                        | - | -  | -  | -  |
| 50108R  | 1700 BOURASSA, LONGUEUIL                    | 0                        | 0 | 0  | -  | -  |
| 50109C  | DUNCAN & DECARIE                            | 1                        | 1 | 3  | 6  | 19 |
| 50110C  | PARC PILON, MTL.-NORD                       | 0                        | 0 | 0  | 3  | 3  |
| 50112C  | BOUL. LAURENTIDES                           | 0                        | 0 | 0  | -  | -  |
| 50113R  | PIE X & CARDINAL                            | 0                        | 0 | 0  | -  | 2  |
| 50115C  | 1001 BOUL MAISONNEUVE O.                    | -                        | - | -  | -  | -  |
| 50116R  | 3161 JOSEPH, VERDUN                         | 0                        | 1 | 0  | 0  | 4  |
| 50203R  | HULL, QUEBEC<br>GAMELIN & JOFFRE            | 0                        | 0 | 0  | -  | 1  |
| 50303I  | QUEBEC, QUEBEC<br>CENTRE LOISIRS LIMOILLOU  | 1                        | 1 | 3  | 23 | 32 |
| 50306R  | 2026 BLVD. ST-CYRILLE                       | 0                        | 0 | 1  | 5  | 4  |
| 50601C  | ROUYN, QUEBEC<br>HOTEL DE VILLE             | 0                        | 0 | 0  | -  | 0  |
| 50701C  | SEPT-ILES, QUEBEC<br>HOTEL DE VILLE         | -                        | 1 | -  | 1  | 0  |
| 50801R  | TROIS-RIVIERES, QUEBEC<br>HART & STE-CECILE | 0                        | 2 | -  | -  | -  |
| 50901R  | ARVIDA, QUEBEC<br>POWELL & HOOPES           | -                        | - | -  | -  | -  |
| 51201I  | SHAWINIGAN, QUEBEC<br>FRIGON & LAVAL        | 3                        | 0 | 0  | 6  | 0  |
| 51301R  | BAIE COMEAU, QUEBEC<br>39 AVE. MARGUERITE   | 10                       | 1 | -  | 1  | 3  |
| 60101C  | OTTAWA, ONT.<br>88 SLATER ST.               | 1                        | 1 | 1  | 2  | 1  |
| 60104C  | RIDEAU & WURTEMBERG                         | -                        | - | -  | -  | -  |
| 60105R  | NRC, MONTREAL ROAD                          | 0                        | 0 | 0  | 0  | 1  |
| 60201I  | WINDSOR, ONT.<br>MORTON TERMINAL DOCK       | 0                        | 0 | 0  | 0  | 2  |
| 60204C  | 471 UNIVERSITY AVENUE                       | 0                        | 2 | -  | 1  | 6  |
| 60402R  | TORONTO, ONT.<br>DON MILLS, SCIENCE CNTR    | -                        | - | -  | -  | -  |
| 60403I  | EVANS & ARNOLD                              | 0                        | 0 | 0  | 0  | -  |
| 60409R  | REDLANDS CRESCENT                           | -                        | 0 | 0  | 0  | -  |
| 60410R  | LAWRENCE & KENNEDY                          | 0                        | 1 | 0  | 2  | 3  |
| 60412R  | BATHURST & WILSON                           | -                        | 1 | 0  | 2  | -  |
| 60413R  | ELMCREST ROAD                               | 0                        | 0 | -  | -  | -  |
| 60414I  | SHERBOURNE & WILTON ST.                     | 0                        | 0 | 0  | 2  | 3  |
| 60415R  | QUEENSWAY W & HURONTARIO                    | 0                        | 1 | -  | -  | -  |
| 60417C  | 26 BREADALBANE STREET                       | 0                        | 1 | 0  | 1  | 3  |
| 60501C  | HAMILTON, ONT.<br>BARTON & SANFORD          | 2                        | 3 | 1  | 2  | 11 |
| 60505R  | NORTH PARK                                  | 0                        | 8 | 7  | 10 | 2  |
| 60602R  | SUDBURY, ONT.<br>ASH STREET                 | 0                        | 0 | 2  | 0  | 1  |
| 60806R  | THUNDER BAY, ONT.<br>435 JAMES S.           | -                        | 0 | 0  | 0  | -  |
| 60901C  | LONDON, ONT.<br>KING & RECTORY              | 0                        | 0 | 0  | 1  | 1  |

COMBINATION OF SULPHUR DIOXIDE AND  
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DIOXYDE DE SOUFRE ET  
PARTICULES EN ASSOCIATION  
1000\*(MICROGRAMMES/METRE CUBE)\*\*2

| STATION | LOCATION<br>EMPLACEMENT                        | *----- DAY / JOUR -----* |   |    |    |    |
|---------|------------------------------------------------|--------------------------|---|----|----|----|
|         |                                                | 2                        | 8 | 14 | 20 | 26 |
| 61004R  | SARNIA, ONT.<br>FRONT ST. AT C.N. TRACKS       | 0                        | 2 | 0  | 1  | 2  |
| 61103C  | PETERBOROUGH, ONT.<br>500 GEORGE STREET        | 0                        | 0 | 0  | 0  | 1  |
| 61201R  | CORNWALL, ONT.<br>MEMORIAL PARK                | -                        | - | -  | -  | -  |
| 61301C  | ST. CATHARINES, ONT.<br>NORTH ST. & GENEVA ST. | 0                        | - | 0  | 1  | -  |
| 61501C  | KITCHENER, ONT.<br>EDNA & FREDERICK            | 0                        | 0 | -  | -  | -  |
| 61602R  | OAKVILLE, ONT.<br>BRONTE AND WOBURN CRES.      | 0                        | 1 | 1  | 3  | -  |
| 61701R  | OSHAWA, ONT.<br>RITSON RD. & OLIVE AVE.        | 0                        | 1 | 0  | 1  | 1  |
| 61801C  | GUELPH, ONT.<br>FARQUHAR & WYNDHAM             | 0                        | 0 | 0  | 0  | 1  |
| 70118R  | WINNIPEG, MAN.<br>JEFFERSON & SCOTIA           | 0                        | 0 | 0  | 0  | 0  |
| 70119C  | 65 ELLEN STREET                                | -                        | 0 | 0  | 0  | 0  |
| 70120R  | 604 ST. MARY'S RD.                             | 0                        | 0 | 0  | 0  | 1  |
| 80109C  | REGINA, SASK.<br>1620 ALBERT STREET            | -                        | - | -  | -  | -  |
| 80209C  | SASKATOON, SASK.<br>IDYLWYLD DR. & 33RD ST.    | 0                        | 0 | -  | -  | 0  |
| 80301C  | MOOSE JAW, SASK.<br>FAIRFORD ST. & 1ST AVE.    | -                        | - | -  | -  | -  |
| 80401C  | PRINCE ALBERT, SASK.<br>1257-1ST AVE. EAST     | 0                        | 0 | 0  | -  | -  |
| 90121I  | EDMONTON, ALTA.<br>17 STREET & 105 AVENUE      | 0                        | 0 | 0  | 0  | 0  |
| 90218I  | CALGARY, ALTA.<br>BONNY BRK & 18A ST. S.E.     | 5                        | 2 | 0  | 4  | 8  |
| 00106R  | VANCOUVER, B.C.<br>2294 WEST 10TH AVENUE       | 0                        | 0 | -  | 1  | 0  |
| 00110R  | E. BASTINGS & KENSINGTON                       | 0                        | 0 | 1  | 1  | -  |
| 00111I  | ROCKY PT. PARK                                 | -                        | 0 | 2  | 1  | 0  |
| 00302C  | VICTORIA, B.C.<br>1106 COOK ST.                | 0                        | 0 | -  | 1  | -  |
| 00401C  | KAMLOOPS, B.C.<br>301 SEYMOUR ST.              | 0                        | - | -  | 0  | -  |

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

OCTOBER - OCTOBRE  
1982

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

| STATION | LOCATION<br>EMPLACEMENT   | DUSTFALL<br>RETOMBES DE POUSSIÈRES | S03    |
|---------|---------------------------|------------------------------------|--------|
|         | SYDNEY, N.S.              |                                    |        |
| 30301R  | MURPHY ROAD               | 2.3                                | 0.1 ** |
| 30309I  | PT EDWARD, RICHMOND PLST  | 4.0                                | 0.1 ** |
| 30310C  | COUNTY JAIL               | 3.4                                | 0.1 ** |
| 30311R  | WHITNEY PIER FIRE STN.    | 10.0                               | 0.1 ** |
|         | GLACE BAY, N.S.           |                                    |        |
| 30401R  | LAKE ROAD                 | 13.0                               | 0.1 ** |
| 30405C  | GENERAL HOSPITAL          | 3.6                                | 0.1 ** |
|         | MONTREAL, QUEBEC          |                                    |        |
| 50101R  | PARC JARRY                | 2.0                                | -      |
| 50102R  | JARDIN BOTANIQUE          | 1.0                                | -      |
| 50103R  | POINTE-AUX-TREMBLES       | 1.0                                | -      |
| 50106R  | VILLE ST-LAURENT          | -                                  | -      |
| 50107R  | VILLE LASALLE             | -                                  | -      |
|         | TORONTO, ONT.             |                                    |        |
| 60403I  | EVANS & ARNOLD            | 3.0                                | -      |
| 60404R  | 5126 YONGE STREET         | -                                  | -      |
| 60405I  | JOHN STREET PUMP STATION  | 5.8                                | -      |
| 60406R  | ROSEHILL RESERVOIR        | 3.0                                | -      |
| 60408C  | DANFORTH & ROBINSON       | 3.1                                | -      |
|         | HAMILTON, ONT.            |                                    |        |
| 60501C  | BARTON & SANFORD          | -                                  | -      |
| 60502I  | BURLINGTON & GAGE         | -                                  | -      |
| 60503I  | CHATHAM & FRID            | -                                  | -      |
| 60507C  | HUGHSON & HUNTER          | -                                  | -      |
| 60510I  | STRATHEARN                | -                                  | -      |
|         | SAULT STE. MARIE, ONT.    |                                    |        |
| 60702R  | ANNA MCREEA PUBLIC SCHOOL | -                                  | -      |
| 60703I  | BAYVIEW & YOUNG           | -                                  | -      |
|         | THUNDER BAY, ONT.         |                                    |        |
| 60801C  | 14 ALGOMA STREET          | 2.1                                | -      |
|         | LONDON, ONT.              |                                    |        |
| 60901C  | KING & RECTORY            | 2.8                                | -      |
|         | WINNIPEG, MAN.            |                                    |        |
| 70105R  | MARTIN & HENDERSON HWY    | 8.7                                | - **   |
| 70110C  | KENNEDY & ST. MARY'S      | 3.5                                | -      |
| 70113I  | WINDERMERE & ROCKMAN      | 4.2                                | - **   |
| 70115C  | PORTAGE & MINTO           | 6.3                                | - **   |
| 70116I  | SMITH & KING              | 10.7                               | 0.1 ** |
|         | EDMONTON, ALTA.           |                                    |        |
| 90125C  | PRINS ELIZABETH & 108 ST  | 3.9                                | 0.3 ** |
| 90126R  | 77 AVENUE & 85 STREET     | 4.0                                | 0.2 ** |
| 90127I  | 115 AVENUE & 159 STREET   | 11.6                               | 0.3 ** |
| 90128R  | 99 AVENUE & 160 STREET    | 2.7                                | - **   |
|         | CALGARY, ALTA.            |                                    |        |
| 90219C  | 620-7TH AVENUE, S.W.      | 8.7                                | 0.1 ** |
| 90221R  | DALHOUSIE DR & DALHAM DR  | 1.8                                | 0.1 ** |
| 90223C  | 11 ST. & 38 AVE. S.E.     | 10.6                               | 0.1 ** |
| 90224I  | OGDENDALE & 71 AVE S.E.   | 6.9                                | 0.1 ** |
| 90225R  | PALLISER DR & OAKWOOD SW  | 1.6                                | 0.1 ** |
| 90226I  | SHEPPARD & 84 AVE S.E.    | 2.1                                | 0.2 ** |

Environment Canada - Environnement Canada

National air pollution surveillance; monthly  
summary = Surveillance nationale de la pollut  
CANADA. AIR POLLUTION CONTROL DIRECTORATE

TD 890 C325  
NSDE

3408367H

\* INDICATES LEAD PEROXIDE CANDLE  
DENOTE LA CHANDELLE DE PEROXYDE DE PLOMB

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