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Monthly Summary July 1977

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Environment Canada

# National Air Pollution Surveillance

## Surveillance nationale de la pollution atmosphérique

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

TD 890 C325  
NSDE

3408367H

Surveillance Report  
EPS 5-AP-78-7

Air Pollution  
Control Directorate

Rapport de surveillance  
EPS 5-AP-78-7

Direction général de  
l'assainissement de l'air

TD  
890  
325  
78-7

SULPHUR DIOXIDE  
PARTS PER HUNDRED MILLIONJULY - JUILLET  
1977DIOXYDE DE SOUFRE  
PARTIES PAR CENT MILLIONS

| STATION | LOCATION<br>EMPLACEMENT                     | NUMBER OF<br>HOURLY SAMPLES<br>NOMBRE DE<br>DONNEES HORAIRES | MONTHLY<br>MEAN<br>MOYENNE<br>MENSUELLE | FREQUENCY DISTRIBUTIONS - CENTILES - DISTRIBUTIONS DES FREQUENCES |    |                |     | MEANS ---- MOYENNES |    |     |     |
|---------|---------------------------------------------|--------------------------------------------------------------|-----------------------------------------|-------------------------------------------------------------------|----|----------------|-----|---------------------|----|-----|-----|
|         |                                             |                                                              |                                         | INTERVALS - INTERVALLES                                           |    | 1-HOUR / HEURE |     | 24-HOUR / HEURES    |    |     |     |
|         |                                             |                                                              |                                         | 70                                                                | 95 | .99            | MAX | 70                  | 95 | .99 | MAX |
| 10101C  | ST. JOHN'S, Nfld.<br>DUCKWORTH & ORDINANCE  | 537                                                          | ***                                     | 0                                                                 | 1  | 2              | 4   | 0                   | 1  | 1   | 1   |
| 20101C  | CHARLOTTETOWN, P.E.I.<br>56 FITZROY ST.     | 168                                                          | ---                                     | 0                                                                 | 1  | 2              | 2   | 0                   | 0  | 1   | 1   |
| 30114R  | HALIFAX, N.S.<br>MT ST VINCENT UNIVERSITY   | 328                                                          | ---                                     | 0                                                                 | 1  | 2              | 5   | 0                   | 1  | 1   | 1   |
| 30115I  | CFB SHEARWATER                              | 564                                                          | ***                                     | 1                                                                 | 2  | 3              | 6   | 1                   | 1  | 1   | 1   |
| 30116C  | BARRINGTON & DUKE                           | 669                                                          | ***                                     | 1                                                                 | 2  | 5              | 6   | 1                   | 1  | 2   | 2   |
| 30310C  | SYDNEY, N.S.<br>COUNTY JAIL                 | 638                                                          | ***                                     | 1                                                                 | 2  | 3              | 3   | 1                   | 2  | 2   | 2   |
| 30311R  | WHITNEY PIER FIRE STN.                      | 671                                                          | ***                                     | 1                                                                 | 2  | 4              | 9   | 1                   | 2  | 2   | 2   |
| 40202C  | SAINT JOHN, N.B.<br>POST OFFICE             | 643                                                          | ***                                     | 0                                                                 | 2  | 3              | 7   | 0                   | 1  | 1   | 1   |
| 50101R  | MONTREAL, QUEBEC<br>PARC JARRY              | 699                                                          | ***                                     | 1                                                                 | 1  | 2              | 2   | 1                   | 1  | 1   | 1   |
| 50102R  | JARDIN BOTANIQUE                            | 647                                                          | ***                                     | 0                                                                 | 1  | 3              | 6   | 0                   | 1  | 2   | 2   |
| 50103R  | POINTE-AUX-TREMBLES                         | 607                                                          | 1.2                                     | 1                                                                 | 4  | 6              | 7   | 1                   | 3  | 4   | 5   |
| 50104C  | 1125 ONTARIO EST                            | 720                                                          | ***                                     | 1                                                                 | 2  | 3              | 7   | 1                   | 1  | 2   | 2   |
| 50105C  | 1212 DRUMMOND                               | 411                                                          | 2.2                                     | 3                                                                 | 5  | 6              | 7   | 3                   | 3  | 4   | 4   |
| 50106R  | VILLE ST-LAURENT                            | 682                                                          | ***                                     | 0                                                                 | 0  | 0              | 0   | 0                   | 0  | 0   | 0   |
| 50107R  | VILLE LASALLE                               | 0                                                            | ---                                     | -                                                                 | -  | -              | -   | -                   | -  | -   | -   |
| 50109C  | DUNCAN & DECARIE                            | 679                                                          | ***                                     | 0                                                                 | 1  | 2              | 2   | 0                   | 1  | 2   | 2   |
| 50110C  | PARC PILON, MTL.-NORD                       | 501                                                          | ***                                     | 0                                                                 | 0  | 1              | 5   | 0                   | 0  | 1   | 1   |
| 50111C  | 2900 BOUL. CONCORDE                         | 576                                                          | ***                                     | 0                                                                 | 0  | 0              | 1   | 0                   | 0  | 0   | 0   |
| 50112C  | BOUL. LAURENTIDES                           | 0                                                            | ---                                     | -                                                                 | -  | -              | -   | -                   | -  | -   | -   |
| 50113R  | PIE X & CARDINAL                            | 0                                                            | ---                                     | -                                                                 | -  | -              | -   | -                   | -  | -   | -   |
| 50115C  | PEEL & MAISONNEUVE                          | 0                                                            | ---                                     | -                                                                 | -  | -              | -   | -                   | -  | -   | -   |
| 50203R  | HULL, QUEBEC<br>GAMELIN & JOFFRE            | 569                                                          | ***                                     | 0                                                                 | 1  | 1              | 4   | 0                   | 0  | 0   | 0   |
| 50303I  | QUEBEC, QUEBEC<br>CENTRE LOISIRS LIMOILLOU  | 697                                                          | 1.2                                     | 1                                                                 | 3  | 15             | 45  | 1                   | 4  | 10  | 10  |
| 50304C  | 155 DORCHESTER SUD                          | 458                                                          | 1.1                                     | 1                                                                 | 5  | 10             | 23  | 1                   | 4  | 5   | 5   |
| 50305R  | MYRAND & ST-CYRILLE                         | 546                                                          | 1.7                                     | 3                                                                 | 4  | 6              | 8   | 3                   | 4  | 5   | 5   |
| 50601C  | ROUYN, QUEBEC<br>HOTEL DE VILLE             | 358                                                          | ---                                     | 0                                                                 | 5  | 35             | 60  | 1                   | 10 | 12  | 12  |
| 50701C  | SEPT-ILES, QUEBEC<br>HOTEL DE VILLE         | 647                                                          | ***                                     | 0                                                                 | 1  | 2              | 5   | 0                   | 1  | 1   | 1   |
| 50801R  | TROIS-RIVIERES, QUEBEC<br>HART & STE-CECILE | 660                                                          | ***                                     | 1                                                                 | 3  | 10             | 20  | 1                   | 3  | 5   | 5   |
| 50901R  | ARVIDA, QUEBEC<br>POWELL & HOOPES           | 679                                                          | ***                                     | 0                                                                 | 5  | 12             | 19  | 1                   | 3  | 4   | 4   |
| 51001R  | TRACY, QUEBEC<br>3225 AVE COURSHESNE        | 683                                                          | ***                                     | 0                                                                 | 1  | 2              | 3   | 0                   | 0  | 1   | 1   |
| 60101C  | OTTAWA, ONT.<br>88 SLATER ST.               | 611                                                          | ***                                     | 0                                                                 | 1  | 2              | 5   | 1                   | 1  | 1   | 1   |
| 60104C  | RIDEAU & WURTEMBERG                         | 604                                                          | ***                                     | 1                                                                 | 2  | 3              | 4   | 1                   | 2  | 2   | 2   |
| 60201I  | WINDSOR, ONT.<br>MORTON TERMINAL DOCK       | 677                                                          | 1.9                                     | 3                                                                 | 5  | 6              | 8   | 2                   | 3  | 3   | 3   |
| 60204C  | 471 UNIVERSITY AVENUE                       | 633                                                          | 1.9                                     | 3                                                                 | 5  | 7              | 12  | 3                   | 3  | 4   | 5   |
| 60211R  | COLLEGE & PRINCE                            | 706                                                          | ***                                     | 1                                                                 | 3  | 4              | 6   | 1                   | 2  | 2   | 3   |
| 60302R  | KINGSTON, ONT.<br>NAPIER STREET             | 677                                                          | ***                                     | 0                                                                 | 3  | 5              | 6   | 0                   | 3  | 4   | 4   |
| 60401C  | TORONTO, ONT.<br>67 COLLEGE STREET          | 721                                                          | ***                                     | 1                                                                 | 2  | 3              | 4   | 1                   | 2  | 2   | 2   |
| 60402R  | DON MILLS, SCIENCE CNTR                     | 668                                                          | ***                                     | 1                                                                 | 1  | 4              | 17  | 1                   | 1  | 3   | 4   |
| 60403I  | EVANS & ARNOLD                              | 503                                                          | 1.2                                     | 1                                                                 | 4  | 6              | 6   | 1                   | 3  | 4   | 4   |
| 60409R  | REDLANDS CRESCENT                           | 624                                                          | 1.4                                     | 2                                                                 | 3  | 4              | 5   | 2                   | 3  | 3   | 3   |
| 60410R  | LAWRENCE & KENNEDY                          | 681                                                          | ***                                     | 0                                                                 | 0  | 1              | 7   | 0                   | 0  | 1   | 1   |
| 60411R  | PHARMACY & HWY 401                          | 700                                                          | ***                                     | 1                                                                 | 3  | 5              | 6   | 1                   | 2  | 3   | 3   |
| 60412R  | BATHURST & WILSON                           | 712                                                          | 1.8                                     | 2                                                                 | 6  | 14             | 20  | 2                   | 5  | 13  | 14  |
| 60413R  | ELMCREST ROAD                               | 695                                                          | 1.4                                     | 2                                                                 | 5  | 8              | 29  | 2                   | 3  | 4   | 5   |
| 60501C  | HAMILTON, ONT.<br>BARTON & SANFORD          | 721                                                          | 2.1                                     | 2                                                                 | 7  | 10             | 15  | 2                   | 6  | 8   | 9   |
| 60505R  | NORTH PARK                                  | 695                                                          | ***                                     | 1                                                                 | 3  | 5              | 6   | 1                   | 3  | 4   | 4   |

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

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

SULPHUR DIOXIDE  
PARTS PER HUNDRED MILLIONJULY - JUILLET  
1977DIOXYDE 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              |    | 1-HOUR / HEURE |     | MEANS ---- MOYENNES          |    | 24-HOUR / HEURES |     |
|         |                                             |                                                              |                                         | 70                                   | 95 | 99             | MAX | 70                           | 95 | 99               | MAX |
| 60602R  | SUDBURY, ONT.<br>ASH STREET                 | 710                                                          | 1.5                                     | 1                                    | 7  | 14             | 53  | 2                            | 5  | 5                | 6   |
| 60606C  | KENNEDY STREET                              | 719                                                          | 3.2                                     | 3                                    | 10 | 32             | 51  | 4                            | 9  | 10               | 10  |
| 50704C  | SAULT STE. MARIE, ONT.<br>445 ALBERT STREET | 675                                                          | ***                                     | 0                                    | 1  | 1              | 2   | 0                            | 1  | 1                | 1   |
| 60806R  | THUNDER BAY, ONT.<br>435 JAMES S.           | 740                                                          | ***                                     | 0                                    | 1  | 4              | 8   | 0                            | 1  | 1                | 1   |
| 60901C  | LONDON, ONT.<br>KING & RECTORY              | 628                                                          | ***                                     | 1                                    | 2  | 3              | 7   | 1                            | 2  | 2                | 2   |
| 61001C  | SARNIA, ONT.<br>156 VICTORIA STREET         | 707                                                          | 1.6                                     | 1                                    | 6  | 11             | 18  | 2                            | 5  | 6                | 7   |
| 61103C  | PETERBOROUGH, ONT.<br>500 GEORGE STREET     | 743                                                          | ***                                     | 0                                    | 1  | 2              | 3   | 0                            | 1  | 1                | 1   |
| 61201R  | CORNWALL, ONT.<br>MEMORIAL PARK             | 661                                                          | ***                                     | 1                                    | 3  | 4              | 8   | 1                            | 2  | 3                | 3   |
| 61301C  | ST. CATHARINES, ONT.<br>NORTH ST. CITY YARD | 686                                                          | ***                                     | 0                                    | 2  | 4              | 11  | 1                            | 1  | 1                | 2   |
| 61401C  | BRANTFORD, ONT.<br>DALHOUSIE & QUEEN        | 347                                                          | ---                                     | 0                                    | 1  | 2              | 4   | 0                            | 1  | 1                | 1   |
| 61501C  | KITCHENER, ONT.<br>EDNA & FREDERICK         | 738                                                          | ***                                     | 0                                    | 1  | 2              | 3   | 0                            | 1  | 1                | 2   |
| 61601R  | OAKVILLE, ONT.<br>REBECCA & WOODSIDE        | 727                                                          | ***                                     | 1                                    | 2  | 3              | 5   | 1                            | 1  | 3                | 3   |
| 70101C  | WINNIPEG, MAN.<br>270 OSBORNE STREET        | 602                                                          | ***                                     | 1                                    | 2  | 4              | 14  | 1                            | 2  | 2                | 2   |
| 70102R  | PORTAGE & WOODLAWN                          | 278                                                          | ---                                     | 0                                    | 1  | 1              | 2   | 0                            | 0  | 0                | 1   |
| 70104I  | UNION STOCK YARDS                           | 703                                                          | ***                                     | 0                                    | 1  | 2              | 3   | 0                            | 1  | 1                | 1   |
| 70118R  | JEFFERSON & SCOTIA                          | 360                                                          | ---                                     | 1                                    | 2  | 3              | 3   | 1                            | 1  | 2                | 2   |
| 70201C  | BRANDON, MAN.<br>11TH ST. & PRINCESS AVE.   | 593                                                          | ***                                     | 0                                    | 1  | 1              | 1   | 0                            | 0  | 0                | 0   |
| 80108C  | REGINA, SASK.<br>12TH & SMITH               | 189                                                          | ---                                     | 0                                    | 0  | 0              | 0   | 0                            | 0  | 0                | 0   |
| 80202C  | SASKATOON, SASK.<br>CITY LIBRARY            | 597                                                          | ***                                     | 0                                    | 0  | 1              | 3   | 0                            | 0  | 0                | 0   |
| 80301C  | MOOSE JAW, SASK.<br>TELEPHONE BUILDING      | 599                                                          | ***                                     | 0                                    | 1  | 2              | 5   | 0                            | 1  | 1                | 1   |
| 80401C  | PRINCE ALBERT, SASK.<br>1257-1ST AVE. EAST  | 609                                                          | ***                                     | 0                                    | 0  | 0              | 0   | 0                            | 0  | 0                | 0   |
| 90121I  | EDMONTON, ALTA.<br>17 STREET & 105 AVENUE   | 682                                                          | ***                                     | 0                                    | 1  | 1              | 2   | 0                            | 0  | 0                | 0   |
| 90122R  | 127 ST. & 133 AVENUE                        | 678                                                          | ***                                     | 0                                    | 0  | 0              | 1   | 0                            | 0  | 0                | 0   |
| 90130C  | 10255 - 104TH STREET                        | 679                                                          | ***                                     | 0                                    | 0  | 1              | 51  | 0                            | 0  | 2                | 2   |
| 90218I  | CALGARY, ALTA.<br>BONNY BRK & 18A ST. S.E.  | 575                                                          | ***                                     | 0                                    | 0  | 0              | 2   | 0                            | 0  | 0                | 0   |
| 90219C  | 620-7TH AVENUE, S.W.                        | 681                                                          | ***                                     | 0                                    | 0  | 0              | 0   | 0                            | 0  | 0                | 0   |
| 90222R  | 39 ST. & 29 AVE. N.W.                       | 623                                                          | ***                                     | 0                                    | 0  | 0              | 0   | 0                            | 0  | 0                | 0   |
| 00106R  | VANCOUVER, B.C.<br>2294 WEST 10TH AVENUE    | 573                                                          | ***                                     | 1                                    | 1  | 2              | 4   | 1                            | 1  | 1                | 1   |
| 00108I  | 250 WEST 70TH AVENUE                        | 244                                                          | ---                                     | 0                                    | 0  | 1              | 1   | 0                            | 0  | 0                | 0   |
| 00109C  | 970 BURRARD                                 | 627                                                          | ***                                     | 1                                    | 2  | 4              | 7   | 1                            | 1  | 2                | 2   |
| 00110R  | E. HASTINGS & KENSINGTON                    | 615                                                          | ***                                     | 1                                    | 1  | 2              | 3   | 1                            | 1  | 1                | 1   |
| 00111I  | ROCKY PT. PARK                              | 199                                                          | ---                                     | 0                                    | 1  | 2              | 2   | 0                            | 1  | 1                | 1   |
| 00201C  | PRINCE GEORGE, B.C.<br>1306-7TH AVENUE      | 636                                                          | ***                                     | 0                                    | 1  | 2              | 4   | 0                            | 1  | 1                | 1   |
| 00301C  | VICTORIA, B.C.<br>POLICE STATION, FISGUARD  | 682                                                          | ***                                     | 0                                    | 0  | 1              | 2   | 0                            | 0  | 0                | 0   |
| 09001C  | WHITEHORSE, YUKON<br>FEDERAL BUILDING       | 571                                                          | ***                                     | 0                                    | 1  | 1              | 2   | 0                            | 0  | 0                | 0   |

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CARBON MONOXIDE  
PARTS PER MILLIONJULY - JUILLET  
1977MONOXYDE 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   |     |     |     | MEANS - MOYENNES                        |     |     |     | MEANS - MOYENNES |     |     |     |
|         |                                               |                                                              |                                         | 1-HOUR / HEURE            |     |     |     | 8-HOUR / HEURES                         |     |     |     | 24-HOUR / HEURES |     |     |     |
|         |                                               |                                                              |                                         | 70                        | 95  | 99  | MAX | 70                                      | 95  | 99  | MAX | 70               | 95  | 99  | MAX |
| 301151  | HALIFAX, N.S.                                 | 653                                                          | ***                                     | 0                         | 1   | 1   | 1   | 0                                       | 0   | 1   | 1   | 0                | 0   | 0   | 0   |
| 30116C  | CFB SHEARWATER<br>BARRINGTON & DUKE           | 742                                                          | 1.3                                     | 2                         | 4   | 6   | 17  | 2                                       | 3   | 5   | 7   | 2                | 3   | 4   | 4   |
| 50103R  | MONTREAL, QUEBEC                              |                                                              |                                         |                           |     |     |     |                                         |     |     |     |                  |     |     |     |
| 50104C  | POINTE-AUX-TREMBLES                           | 641                                                          | 0.6                                     | 1                         | 1   | 2   | 5   | 1                                       | 1   | 2   | 2   | 1                | 1   | 1   | 1   |
| 50109C  | 1125 ONTARIO EST                              | 741                                                          | 1.8                                     | 2                         | 3   | 4   | 6   | 2                                       | 3   | 4   | 4   | 2                | 3   | 3   | 3   |
| 50110C  | DUNCAN & DECARIE                              | 709                                                          | 2.2                                     | 3                         | 6   | 9   | 13  | 3                                       | 5   | 6   | 7   | 3                | 4   | 5   | 5   |
| 50111C  | PARC PILON, MTL.-NORD                         | 0                                                            | ---                                     | ---                       | --- | --- | --- | ---                                     | --- | --- | --- | ---              | --- | --- | --- |
| 50112C  | 2900 BOUL. CONCORDE                           | 432                                                          | 0.8                                     | 1                         | 2   | 2   | 3   | 1                                       | 2   | 2   | 2   | 1                | 1   | 1   | 2   |
| 50113R  | BOUL. LAURENTIDES                             | 0                                                            | ---                                     | ---                       | --- | --- | --- | ---                                     | --- | --- | --- | ---              | --- | --- | --- |
| 50114C  | PIE X & CARDINAL                              | 734                                                          | ***                                     | 0                         | 1   | 1   | 2   | 0                                       | 1   | 1   | 1   | 0                | 1   | 1   | 1   |
| 50115C  | 677 STE-CATHERINE O.<br>PEEL & MAISONNEUVE    | 692                                                          | 3.6                                     | 4                         | 6   | 8   | 10  | 4                                       | 6   | 7   | 8   | 4                | 5   | 6   | 6   |
|         |                                               | 0                                                            | ---                                     | ---                       | --- | --- | --- | ---                                     | --- | --- | --- | ---              | --- | --- | --- |
| 50203R  | HULL, QUEBEC                                  |                                                              |                                         |                           |     |     |     |                                         |     |     |     |                  |     |     |     |
|         | GAMBLIN & JOFFRE                              | 698                                                          | ***                                     | 1                         | 1   | 2   | 5   | 1                                       | 1   | 2   | 3   | 1                | 1   | 1   | 1   |
| 50304C  | QUEBEC, QUEBEC                                |                                                              |                                         |                           |     |     |     |                                         |     |     |     |                  |     |     |     |
|         | 155 DORCHESTER SUD                            | 601                                                          | 1.4                                     | 2                         | 3   | 5   | 6   | 2                                       | 3   | 4   | 4   | 2                | 2   | 3   | 3   |
| 60101C  | OTTAWA, ONT.                                  |                                                              |                                         |                           |     |     |     |                                         |     |     |     |                  |     |     |     |
| 60104C  | 88 SLATER ST.<br>RIDEAU & WURTEMBERG          | 726                                                          | 2.1                                     | 3                         | 6   | 8   | 13  | 3                                       | 5   | 6   | 7   | 3                | 4   | 4   | 4   |
|         |                                               | 652                                                          | 0.9                                     | 1                         | 2   | 3   | 4   | 1                                       | 2   | 3   | 3   | 1                | 2   | 2   | 2   |
| 60204C  | WINDSOR, ONT.                                 |                                                              |                                         |                           |     |     |     |                                         |     |     |     |                  |     |     |     |
|         | 471 UNIVERSITY AVENUE                         | 646                                                          | 1.6                                     | 2                         | 3   | 4   | 6   | 2                                       | 3   | 3   | 4   | 2                | 2   | 2   | 3   |
| 60401C  | TORONTO, ONT.                                 |                                                              |                                         |                           |     |     |     |                                         |     |     |     |                  |     |     |     |
| 60402R  | 67 COLLEGE STREET                             | 744                                                          | 1.4                                     | 2                         | 3   | 4   | 5   | 2                                       | 2   | 3   | 3   | 2                | 2   | 2   | 2   |
| 60403I  | DON MILLS, SCIENCE CNTR                       | 555                                                          | 1.4                                     | 2                         | 3   | 3   | 4   | 2                                       | 3   | 3   | 3   | 2                | 3   | 3   | 3   |
| 60410R  | EVANS & ARNOLD                                | 736                                                          | 1.6                                     | 2                         | 3   | 4   | 6   | 2                                       | 3   | 3   | 3   | 2                | 2   | 3   | 3   |
| 60411R  | LAWRENCE & KENNEDY                            | 741                                                          | 1.6                                     | 2                         | 4   | 5   | 6   | 2                                       | 3   | 4   | 5   | 2                | 3   | 3   | 3   |
| 60412R  | PHARMACY & HWY 401                            | 704                                                          | 1.8                                     | 2                         | 4   | 5   | 5   | 2                                       | 3   | 4   | 4   | 2                | 3   | 3   | 3   |
| 60413R  | BATHURST & WILSON                             | 715                                                          | 2.8                                     | 3                         | 5   | 7   | 9   | 3                                       | 4   | 6   | 8   | 3                | 4   | 5   | 5   |
|         | ELMCREST ROAD                                 | 729                                                          | 1.2                                     | 1                         | 2   | 3   | 4   | 1                                       | 2   | 3   | 3   | 1                | 2   | 2   | 2   |
| 60501C  | HAMILTON, ONT.                                |                                                              |                                         |                           |     |     |     |                                         |     |     |     |                  |     |     |     |
|         | BARTON & SANFORD                              | 743                                                          | 1.4                                     | 2                         | 3   | 4   | 6   | 2                                       | 3   | 3   | 4   | 2                | 2   | 3   | 3   |
| 60602R  | SUDBURY, ONT.                                 |                                                              |                                         |                           |     |     |     |                                         |     |     |     |                  |     |     |     |
|         | ASH STREET                                    | 670                                                          | 1.0                                     | 1                         | 2   | 2   | 3   | 1                                       | 1   | 2   | 2   | 1                | 1   | 2   | 2   |
| 60901C  | LONDON, ONT.                                  |                                                              |                                         |                           |     |     |     |                                         |     |     |     |                  |     |     |     |
|         | KING & RECTORY                                | 738                                                          | 0.5                                     | 1                         | 1   | 3   | 4   | 1                                       | 1   | 2   | 2   | 1                | 1   | 1   | 1   |
| 61001C  | SARNIA, ONT.                                  |                                                              |                                         |                           |     |     |     |                                         |     |     |     |                  |     |     |     |
|         | 156 VICTORIA STREET                           | 720                                                          | 1.8                                     | 2                         | 3   | 4   | 5   | 2                                       | 3   | 3   | 3   | 2                | 3   | 3   | 3   |
| 61201R  | CORNWALL, ONT.                                |                                                              |                                         |                           |     |     |     |                                         |     |     |     |                  |     |     |     |
|         | MEMORIAL PARK                                 | 723                                                          | ***                                     | 0                         | 1   | 2   | 4   | 0                                       | 1   | 1   | 2   | 0                | 1   | 1   | 1   |
| 61301C  | ST. CATHARINES, ONT.                          |                                                              |                                         |                           |     |     |     |                                         |     |     |     |                  |     |     |     |
|         | NORTH ST. CITY YARD                           | 663                                                          | 1.0                                     | 1                         | 2   | 3   | 6   | 1                                       | 2   | 3   | 3   | 1                | 2   | 2   | 3   |
| 61501C  | KITCHENER, ONT.                               |                                                              |                                         |                           |     |     |     |                                         |     |     |     |                  |     |     |     |
|         | EDNA & FREDERICK                              | 730                                                          | 5.6                                     | 6                         | 7   | 8   | 11  | 6                                       | 7   | 8   | 9   | 6                | 7   | 8   | 8   |
| 61601R  | OAKVILLE, ONT.                                |                                                              |                                         |                           |     |     |     |                                         |     |     |     |                  |     |     |     |
|         | REBECCA & WOODSIDE                            | 742                                                          | 1.2                                     | 1                         | 2   | 2   | 3   | 1                                       | 2   | 2   | 2   | 1                | 2   | 2   | 2   |
| 70101C  | WINNIPEG, MAN.                                |                                                              |                                         |                           |     |     |     |                                         |     |     |     |                  |     |     |     |
| 70102R  | 270 OSBORNE STREET                            | 703                                                          | 1.0                                     | 1                         | 2   | 4   | 14  | 1                                       | 2   | 3   | 5   | 1                | 2   | 2   | 2   |
| 70118R  | PORTAGE & WOODLAWN                            | 681                                                          | 0.8                                     | 1                         | 2   | 3   | 4   | 1                                       | 2   | 2   | 2   | 1                | 1   | 2   | 2   |
|         | JEFFERSON & SCOTIA                            | 692                                                          | 0.6                                     | 1                         | 2   | 4   | 5   | 1                                       | 2   | 3   | 3   | 1                | 1   | 1   | 1   |
| 80108C  | REGINA, SASK.                                 |                                                              |                                         |                           |     |     |     |                                         |     |     |     |                  |     |     |     |
|         | 12TH & SMITH                                  | 714                                                          | 1.4                                     | 2                         | 4   | 5   | 6   | 2                                       | 4   | 4   | 5   | 2                | 4   | 4   | 4   |
| 80202C  | SASKATOON, SASK.                              |                                                              |                                         |                           |     |     |     |                                         |     |     |     |                  |     |     |     |
|         | CITY LIBRARY                                  | 744                                                          | 0.5                                     | 1                         | 2   | 2   | 4   | 1                                       | 1   | 2   | 2   | 1                | 1   | 1   | 1   |
| 90121I  | EDMONTON, ALTA.                               |                                                              |                                         |                           |     |     |     |                                         |     |     |     |                  |     |     |     |
| 90122R  | 17 STREET & 105 AVENUE                        | 654                                                          | ***                                     | 1                         | 1   | 1   | 2   | 1                                       | 1   | 1   | 1   | 1                | 1   | 1   | 1   |
| 90130C  | 127 ST. & 133 AVENUE                          | 741                                                          | 0.9                                     | 1                         | 2   | 4   | 7   | 1                                       | 2   | 3   | 3   | 1                | 2   | 2   | 2   |
|         | 10255 - 104TH STREET                          | 740                                                          | 1.4                                     | 2                         | 4   | 5   | 9   | 2                                       | 3   | 4   | 5   | 2                | 3   | 3   | 3   |
| 90219C  | CALGARY, ALTA.                                |                                                              |                                         |                           |     |     |     |                                         |     |     |     |                  |     |     |     |
| 90222R  | 620-7TH AVENUE, S.W.<br>39 ST. & 29 AVE. N.W. | 744                                                          | 1.5                                     | 2                         | 4   | 6   | 8   | 2                                       | 3   | 3   | 3   | 2                | 2   | 3   | 3   |
|         |                                               | 744                                                          | 0.8                                     | 1                         | 2   | 2   | 3   | 1                                       | 1   | 2   | 2   | 1                | 1   | 1   | 1   |
| 00106R  | VANCOUVER, B.C.                               |                                                              |                                         |                           |     |     |     |                                         |     |     |     |                  |     |     |     |
| 00108I  | 2294 WEST 10TH AVENUE                         | 131                                                          | ---                                     | 1                         | 2   | 2   | 3   | 1                                       | 1   | 2   | 2   | 1                | 1   | 1   | 1   |
|         | 250 WEST 70TH AVENUE                          | 602                                                          | ***                                     | 0                         | 2   | 3   | 4   | 0                                       | 1   | 2   | 2   | 1                | 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 MILLIONJULY - JUILLET  
1977MONOXYDE 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 |
| 00109C  | 970 BURRARD                     | 684                                                          | 1.0                                     | 1                                                                 | 3  | 3  | 5   | 1                    | 2  | 3  | 3   | 1                | 2  | 2  | 2   |
| 00110R  | E. HASTINGS & KENSINGTON        | 697                                                          | ***                                     | 1                                                                 | 1  | 1  | 3   | 0                    | 1  | 1  | 1   | 1                | 1  | 1  | 1   |
| 00111I  | ROCKY PT. PARK                  | 0                                                            | ---                                     | -                                                                 | -  | -  | -   | -                    | -  | -  | -   | -                | -  | -  | -   |
| 00302C  | VICTORIA, B.C.<br>1106 COOK ST. | 712                                                          | 0.7                                     | 1                                                                 | 2  | 3  | 4   | 1                    | 2  | 2  | 2   | 1                | 1  | 2  | 2   |

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

NITROGEN DIOXIDE  
PARTS PER HUNDRED MILLION

JULY - JUILLET  
1977

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 |
| 301151  | HALIFAX, N.S.            |                                                              |                                         |                                      |    |    |     |                              |    |    |     |
| 30116C  | CFB SHEARWATER           | 0                                                            | ---                                     | -                                    | -  | -  | -   | -                            | -  | -  | -   |
|         | BARRINGTON & DUKE        | 742                                                          | 1.6                                     | 2                                    | 3  | 4  | 5   | 2                            | 3  | 3  | 3   |
| 50102R  | MONTREAL, QUEBEC         |                                                              |                                         |                                      |    |    |     |                              |    |    |     |
| 50104C  | JARDIN BOTANIQUE         | 657                                                          | 2.2                                     | 3                                    | 5  | 6  | 9   | 3                            | 4  | 5  | 5   |
| 50109C  | 1125 ONTARIO EST         | 704                                                          | 3.6                                     | 4                                    | 6  | 8  | 9   | 4                            | 5  | 6  | 6   |
| 50110C  | DUNCAN & DECARIE         | 741                                                          | 4.3                                     | 5                                    | 7  | 9  | 10  | 5                            | 7  | 7  | 7   |
| 50111C  | PARC PILON, MTL.-NORD    | 679                                                          | 2.5                                     | 3                                    | 5  | 5  | 6   | 3                            | 4  | 4  | 4   |
| 50112C  | 2900 BOUL. CONCORDE      | 737                                                          | 2.3                                     | 3                                    | 4  | 6  | 9   | 3                            | 4  | 4  | 4   |
| 50113R  | BOUL. LAURENTIDES        | 0                                                            | ---                                     | -                                    | -  | -  | -   | -                            | -  | -  | -   |
| 50115C  | PIE X & CARDINAL         | 743                                                          | ***                                     | 1                                    | 3  | 3  | 5   | 1                            | 2  | 2  | 3   |
|         | PEEL & MAISONNEUVE       | 0                                                            | ---                                     | -                                    | -  | -  | -   | -                            | -  | -  | -   |
| 50203R  | HULL, QUEBEC             |                                                              |                                         |                                      |    |    |     |                              |    |    |     |
|         | GAMBLIN & JOFFRE         | 284                                                          | ---                                     | 1                                    | 2  | 3  | 4   | 1                            | 2  | 2  | 2   |
| 50304C  | QUEBEC, QUEBEC           |                                                              |                                         |                                      |    |    |     |                              |    |    |     |
|         | 155 DORCHESTER SUD       | 624                                                          | 2.0                                     | 2                                    | 4  | 5  | 6   | 2                            | 3  | 4  | 4   |
| 60101C  | OTTAWA, ONT.             |                                                              |                                         |                                      |    |    |     |                              |    |    |     |
| 60104C  | 88 SLATER ST.            | 658                                                          | 4.8                                     | 6                                    | 9  | 11 | 13  | 6                            | 7  | 9  | 9   |
|         | RIDEAU & WURTEMBERG      | 717                                                          | 1.8                                     | 2                                    | 4  | 7  | 8   | 2                            | 4  | 4  | 4   |
| 60204C  | WINDSOR, ONT.            |                                                              |                                         |                                      |    |    |     |                              |    |    |     |
|         | 471 UNIVERSITY AVENUE    | 618                                                          | 3.0                                     | 3                                    | 5  | 7  | 9   | 3                            | 4  | 6  | 6   |
| 60401C  | TORONTO, ONT.            |                                                              |                                         |                                      |    |    |     |                              |    |    |     |
| 60402R  | 67 COLLEGE STREET        | 744                                                          | 3.1                                     | 4                                    | 6  | 8  | 9   | 4                            | 5  | 5  | 5   |
| 60403I  | DON MILLS, SCIENCE CNTR  | 733                                                          | 2.0                                     | 2                                    | 4  | 5  | 6   | 2                            | 3  | 4  | 4   |
| 60410R  | EVANS & ARNOLD           | 732                                                          | 4.4                                     | 5                                    | 8  | 11 | 11  | 5                            | 7  | 8  | 8   |
| 60411R  | LAWRENCE & KENNEDY       | 742                                                          | 6.0                                     | 7                                    | 9  | 11 | 13  | 7                            | 8  | 9  | 9   |
| 60412R  | PHARMACY & HWY 401       | 690                                                          | 3.4                                     | 4                                    | 6  | 8  | 10  | 4                            | 5  | 6  | 6   |
| 60413R  | BATHURST & WILSON        | 743                                                          | 1.9                                     | 2                                    | 5  | 10 | 13  | 2                            | 5  | 6  | 6   |
|         | ELMCREST ROAD            | 715                                                          | 1.9                                     | 2                                    | 4  | 5  | 8   | 2                            | 3  | 4  | 4   |
| 60501C  | HAMILTON, ONT.           |                                                              |                                         |                                      |    |    |     |                              |    |    |     |
| 60505R  | BARTON & SANFORD         | 741                                                          | 5.5                                     | 7                                    | 10 | 11 | 12  | 7                            | 9  | 10 | 10  |
|         | NORTH PARK               | 737                                                          | 4.9                                     | 6                                    | 10 | 11 | 14  | 6                            | 8  | 9  | 9   |
| 60602R  | SUDBURY, ONT.            |                                                              |                                         |                                      |    |    |     |                              |    |    |     |
|         | ASH STREET               | 734                                                          | ***                                     | 1                                    | 2  | 3  | 4   | 1                            | 2  | 2  | 2   |
| 60901C  | LONDON, ONT.             |                                                              |                                         |                                      |    |    |     |                              |    |    |     |
|         | KING & RECTORY           | 638                                                          | 2.1                                     | 3                                    | 4  | 5  | 6   | 3                            | 4  | 4  | 4   |
| 61001C  | SARNIA, ONT.             |                                                              |                                         |                                      |    |    |     |                              |    |    |     |
|         | 156 VICTORIA STREET      | 162                                                          | ---                                     | 3                                    | 6  | 8  | 8   | 4                            | 4  | 5  | 5   |
| 61201R  | CORNWALL, ONT.           |                                                              |                                         |                                      |    |    |     |                              |    |    |     |
|         | MEMORIAL PARK            | 739                                                          | 1.2                                     | 1                                    | 2  | 3  | 4   | 1                            | 2  | 2  | 2   |
| 61301C  | ST. CATHARINES, ONT.     |                                                              |                                         |                                      |    |    |     |                              |    |    |     |
|         | NORTH ST. CITY YARD      | 572                                                          | 1.9                                     | 2                                    | 4  | 15 | 20  | 2                            | 4  | 6  | 7   |
| 61501C  | KITCHENER, ONT.          |                                                              |                                         |                                      |    |    |     |                              |    |    |     |
|         | EDNA & FREDERICK         | 248                                                          | ---                                     | 2                                    | 6  | 8  | 8   | 3                            | 4  | 4  | 4   |
| 61601R  | OAKVILLE, ONT.           |                                                              |                                         |                                      |    |    |     |                              |    |    |     |
|         | REBECCA & WOODSIDE       | 665                                                          | 1.6                                     | 2                                    | 3  | 4  | 5   | 2                            | 3  | 3  | 3   |
| 70101C  | WINNIPEG, MAN.           |                                                              |                                         |                                      |    |    |     |                              |    |    |     |
| 70118R  | 270 OSBORNE STREET       | 275                                                          | ---                                     | 6                                    | 8  | 10 | 11  | 6                            | 6  | 7  | 7   |
|         | JEFFERSON & SCOTIA       | 684                                                          | 1.1                                     | 1                                    | 2  | 3  | 4   | 1                            | 2  | 2  | 2   |
| 90122R  | EDMONTON, ALTA.          |                                                              |                                         |                                      |    |    |     |                              |    |    |     |
| 90130C  | 127 ST. & 133 AVENUE     | 719                                                          | 1.7                                     | 2                                    | 3  | 4  | 5   | 2                            | 3  | 3  | 3   |
|         | 10255 - 104TH STREET     | 661                                                          | 2.9                                     | 3                                    | 4  | 5  | 6   | 3                            | 4  | 4  | 4   |
| 90219C  | CALGARY, ALTA.           |                                                              |                                         |                                      |    |    |     |                              |    |    |     |
| 90222R  | 620-7TH AVENUE, S.W.     | 737                                                          | 3.2                                     | 4                                    | 5  | 7  | 8   | 4                            | 5  | 6  | 6   |
|         | 39 ST. & 29 AVE. N.W.    | 696                                                          | 1.9                                     | 2                                    | 4  | 5  | 8   | 2                            | 3  | 4  | 4   |
| 00106R  | VANCOUVER, B.C.          |                                                              |                                         |                                      |    |    |     |                              |    |    |     |
| 00108I  | 2294 WEST 10TH AVENUE    | 0                                                            | ---                                     | -                                    | -  | -  | -   | -                            | -  | -  | -   |
| 00109C  | 250 WEST 70TH AVENUE     | 714                                                          | 1.8                                     | 2                                    | 3  | 4  | 5   | 2                            | 3  | 3  | 3   |
| 00110R  | 970 BURRARD              | 699                                                          | 1.4                                     | 2                                    | 3  | 3  | 4   | 2                            | 2  | 2  | 2   |
| 00111I  | E. HASTINGS & KENSINGTON | 0                                                            | ---                                     | -                                    | -  | -  | -   | -                            | -  | -  | -   |
|         | ROCKY PT. PARK           | 0                                                            | ---                                     | -                                    | -  | -  | -   | -                            | -  | -  | -   |

\*\*\* 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.

OZONE  
PARTS PER HUNDRED MILLIONJULY - JUILLET  
1977OZONE  
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 |     | MEANS - MOYENNES             |    | 24-HOUR / HEURES |     |
|         |                          |                                                              |                                         | 70                                   | 95 | 99             | MAX | 70                           | 95 | 99               | MAX |
| 301151  | HALIFAX, N.S.            |                                                              |                                         |                                      |    |                |     |                              |    |                  |     |
| 30116C  | CFB SHEARWATER           | 735                                                          | 1.9                                     | 2                                    | 6  | 9              | 13  | 2                            | 6  | 8                | 8   |
|         | BARRINGTON & DUKE        | 742                                                          | 2.0                                     | 2                                    | 6  | 8              | 11  | 2                            | 5  | 6                | 6   |
| 50102R  | MONTREAL, QUEBEC         |                                                              |                                         |                                      |    |                |     |                              |    |                  |     |
| 50103R  | JARDIN BOTANIQUE         | 744                                                          | 2.4                                     | 3                                    | 6  | 7              | 9   | 3                            | 5  | 6                | 6   |
| 50104C  | POINTE-AUX-TREMBLES      | 735                                                          | 3.1                                     | 4                                    | 7  | 9              | 13  | 3                            | 5  | 6                | 6   |
| 50109C  | 1125 ONTARIO EST         | 665                                                          | 1.7                                     | 2                                    | 5  | 6              | 8   | 2                            | 5  | 5                | 5   |
| 50110C  | DUNCAN & DECARIE         | 741                                                          | 1.6                                     | 2                                    | 5  | 6              | 10  | 2                            | 4  | 4                | 5   |
| 50111C  | PARC PILON, MTL.-NORD    | 442                                                          | 4.5                                     | 6                                    | 11 | 12             | 13  | 6                            | 9  | 10               | 10  |
| 50112C  | 2900 BOUL. CONCORDE      | 630                                                          | 3.1                                     | 4                                    | 8  | 10             | 11  | 3                            | 7  | 8                | 8   |
| 50113R  | BOUL. LAURENTIDES        | 0                                                            | ---                                     | -                                    | -  | -              | -   | -                            | -  | -                | -   |
| 50115C  | PIE X & CARDINAL         | 741                                                          | 3.6                                     | 5                                    | 9  | 11             | 16  | 4                            | 7  | 8                | 8   |
|         | PEEL & MAISONNEUVE       | 0                                                            | ---                                     | -                                    | -  | -              | -   | -                            | -  | -                | -   |
| 50304C  | QUEBEC, QUEBEC           |                                                              |                                         |                                      |    |                |     |                              |    |                  |     |
|         | 155 DORCHESTER SUD       | 463                                                          | 2.3                                     | 3                                    | 7  | 9              | 9   | 3                            | 5  | 5                | 5   |
| 60101C  | OTTAWA, ONT.             |                                                              |                                         |                                      |    |                |     |                              |    |                  |     |
| 60104C  | 88 SLATER ST.            | 739                                                          | 3.0                                     | 4                                    | 7  | 9              | 12  | 3                            | 7  | 8                | 8   |
|         | RIDEAU & WURTEMBERG      | 719                                                          | 2.7                                     | 3                                    | 6  | 7              | 8   | 3                            | 5  | 6                | 6   |
| 60204C  | WINDSOR, ONT.            |                                                              |                                         |                                      |    |                |     |                              |    |                  |     |
|         | 471 UNIVERSITY AVENUE    | 615                                                          | 4.3                                     | 6                                    | 10 | 11             | 14  | 5                            | 7  | 7                | 7   |
| 60401C  | TORONTO, ONT.            |                                                              |                                         |                                      |    |                |     |                              |    |                  |     |
| 60402R  | 67 COLLEGE STREET        | 710                                                          | 2.7                                     | 4                                    | 7  | 10             | 11  | 3                            | 5  | 6                | 6   |
| 60403I  | DON MILLS, SCIENCE CNTR  | 737                                                          | 1.3                                     | 2                                    | 4  | 6              | 7   | 2                            | 3  | 3                | 4   |
| 60410R  | EVANS & ARNOLD           | 733                                                          | 2.1                                     | 3                                    | 6  | 8              | 11  | 3                            | 4  | 5                | 5   |
| 60413R  | LAWRENCE & KENNEDY       | 743                                                          | 2.5                                     | 3                                    | 6  | 9              | 11  | 3                            | 4  | 5                | 5   |
|         | ELMCREST ROAD            | 736                                                          | 2.9                                     | 4                                    | 8  | 11             | 13  | 4                            | 6  | 7                | 8   |
| 60501C  | HAMILTON, ONT.           |                                                              |                                         |                                      |    |                |     |                              |    |                  |     |
|         | BARTON & SANFORD         | 743                                                          | 2.7                                     | 4                                    | 6  | 7              | 9   | 3                            | 5  | 6                | 6   |
| 60602R  | SUDBURY, ONT.            |                                                              |                                         |                                      |    |                |     |                              |    |                  |     |
|         | ASH STREET               | 740                                                          | 2.3                                     | 3                                    | 5  | 5              | 6   | 3                            | 4  | 5                | 5   |
| 60901C  | LONDON, ONT.             |                                                              |                                         |                                      |    |                |     |                              |    |                  |     |
|         | KING & RECTORY           | 660                                                          | 3.6                                     | 5                                    | 8  | 9              | 11  | 4                            | 6  | 7                | 7   |
| 61001C  | SARNIA, ONT.             |                                                              |                                         |                                      |    |                |     |                              |    |                  |     |
|         | 156 VICTORIA STREET      | 698                                                          | 3.0                                     | 4                                    | 8  | 12             | 17  | 3                            | 6  | 7                | 8   |
| 61201R  | CORNWALL, ONT.           |                                                              |                                         |                                      |    |                |     |                              |    |                  |     |
|         | MEMORIAL PARK            | 737                                                          | 2.0                                     | 3                                    | 5  | 6              | 6   | 2                            | 4  | 4                | 4   |
| 61301C  | ST. CATHARINES, ONT.     |                                                              |                                         |                                      |    |                |     |                              |    |                  |     |
|         | NORTH ST. CITY YARD      | 669                                                          | 4.2                                     | 6                                    | 8  | 11             | 13  | 5                            | 7  | 7                | 7   |
| 61501C  | KITCHENER, ONT.          |                                                              |                                         |                                      |    |                |     |                              |    |                  |     |
|         | EDNA & FREDERICK         | 735                                                          | 3.7                                     | 5                                    | 7  | 8              | 10  | 5                            | 6  | 7                | 7   |
| 61601R  | OAKVILLE, ONT.           |                                                              |                                         |                                      |    |                |     |                              |    |                  |     |
|         | REBECCA & WOODSIDE       | 742                                                          | 3.6                                     | 5                                    | 8  | 11             | 12  | 4                            | 6  | 7                | 7   |
| 70101C  | WINNIPEG, MAN.           |                                                              |                                         |                                      |    |                |     |                              |    |                  |     |
| 70118R  | 270 OSBORNE STREET       | 694                                                          | 2.0                                     | 3                                    | 4  | 7              | 10  | 2                            | 3  | 4                | 4   |
|         | JEFFERSON & SCOTIA       | 665                                                          | 3.3                                     | 4                                    | 6  | 7              | 10  | 4                            | 5  | 5                | 5   |
| 90122R  | EDMONTON, ALTA.          |                                                              |                                         |                                      |    |                |     |                              |    |                  |     |
| 90130C  | 127 ST. & 133 AVENUE     | 623                                                          | 1.9                                     | 3                                    | 4  | 5              | 6   | 2                            | 3  | 4                | 4   |
|         | 10255 - 104TH STREET     | 664                                                          | 1.8                                     | 3                                    | 4  | 5              | 5   | 2                            | 3  | 3                | 3   |
| 90219C  | CALGARY, ALTA.           |                                                              |                                         |                                      |    |                |     |                              |    |                  |     |
| 90222R  | 620-7TH AVENUE, S.W.     | 731                                                          | 1.4                                     | 2                                    | 3  | 4              | 4   | 2                            | 3  | 3                | 3   |
|         | 39 ST. & 29 AVE. N.W.    | 738                                                          | 2.7                                     | 4                                    | 5  | 5              | 8   | 3                            | 4  | 4                | 4   |
| 00106R  | VANCOUVER, B.C.          |                                                              |                                         |                                      |    |                |     |                              |    |                  |     |
| 00108I  | 2294 WEST 10TH AVENUE    | 694                                                          | 1.2                                     | 2                                    | 4  | 5              | 6   | 1                            | 2  | 2                | 2   |
| 00109C  | 250 WEST 70TH AVENUE     | 0                                                            | ---                                     | -                                    | -  | -              | -   | -                            | -  | -                | -   |
| 00110R  | 970 BURRARD              | 542                                                          | 0.9                                     | 1                                    | 3  | 4              | 5   | 1                            | 1  | 2                | 2   |
| 00111I  | E. HASTINGS & KENSINGTON | 418                                                          | 3.3                                     | 4                                    | 8  | 9              | 9   | 4                            | 4  | 5                | 5   |
|         | ROCKY PT. PARK           | 0                                                            | ---                                     | -                                    | -  | -              | -   | -                            | -  | -                | -   |
| 00302C  | VICTORIA, B.C.           |                                                              |                                         |                                      |    |                |     |                              |    |                  |     |
|         | 1106 COOK ST.            | 738                                                          | 2.9                                     | 4                                    | 5  | 8              | 8   | 4                            | 4  | 5                | 5   |

SOILING INDEX  
COH UNITS PER 1000 LINEAR FT.

JULY - JUILLET  
1977

INDICE DE SOUILLURE  
UNITES COH PAR 1000 PIEDS LINEAIRES

| STATION | LOCATION<br>EMPLACEMENT                     | NUMBER OF<br>SAMPLES<br>NOMBRE DE<br>DONNEES | MONTHLY<br>MEAN<br>MOYENNE<br>MENSUELLE | FREQUENCY DISTRIBUTIONS |     |             |     | DISTRIBUTIONS DES FREQUENCES |     |          |     |
|---------|---------------------------------------------|----------------------------------------------|-----------------------------------------|-------------------------|-----|-------------|-----|------------------------------|-----|----------|-----|
|         |                                             |                                              |                                         | INTERVALS -             |     | INTERVALLES |     | MEANS -                      |     | MOYENNES |     |
|         |                                             |                                              |                                         | 2-HOUR /                |     | HEURES      |     | 24-HOUR /                    |     | HEURES   |     |
|         |                                             |                                              |                                         | 70                      | 95  | 99          | MAX | 70                           | 95  | 99       | MAX |
| 30114R  | HALIFAX, N.S.<br>MT ST VINCENT UNIVERSITY   | 372                                          | ****                                    | 0.1                     | 0.3 | 0.4         | 0.5 | 0.1                          | 0.2 | 0.2      | 0.2 |
| 30115I  | CFB SHEARWATER                              | 309                                          | ****                                    | 0.1                     | 0.3 | 0.4         | 1.2 | 0.1                          | 0.2 | 0.2      | 0.2 |
| 30116C  | BARRINGTON & DUKE                           | 323                                          | 0.23                                    | 0.3                     | 0.6 | 0.8         | 0.8 | 0.3                          | 0.4 | 0.5      | 0.5 |
| 30310C  | SYDNEY, N.S.<br>COUNTY JAIL                 | 372                                          | ****                                    | 0.1                     | 0.2 | 0.3         | 0.4 | 0.1                          | 0.1 | 0.1      | 0.1 |
| 30311R  | WHITNEY PIER FIRE STN.                      | 371                                          | ****                                    | 0.1                     | 0.2 | 0.4         | 0.8 | 0.1                          | 0.2 | 0.2      | 0.2 |
| 40202C  | SAINT JOHN, N.B.<br>POST OFFICE             | 707                                          | (1) ****                                | 0.0                     | 0.1 | 0.1         | 0.2 | 0.0                          | 0.0 | 0.1      | 0.1 |
| 50101R  | MONTREAL, QUEBEC<br>PARC JARRY              | 372                                          | 0.17                                    | 0.2                     | 0.4 | 0.8         | 1.0 | 0.2                          | 0.3 | 0.4      | 0.4 |
| 50102R  | JARDIN BOTANIQUE                            | 372                                          | 0.17                                    | 0.2                     | 0.4 | 0.6         | 0.9 | 0.2                          | 0.3 | 0.4      | 0.4 |
| 50103R  | POINTE-AUX-TREMBLES                         | 367                                          | ****                                    | 0.1                     | 0.2 | 0.3         | 0.4 | 0.1                          | 0.1 | 0.2      | 0.2 |
| 50104C  | 1125 ONTARIO EST                            | 372                                          | 0.12                                    | 0.1                     | 0.3 | 0.4         | 0.5 | 0.1                          | 0.3 | 0.3      | 0.3 |
| 50105C  | 1212 DRUMMOND                               | 372                                          | 0.19                                    | 0.2                     | 0.3 | 0.4         | 0.6 | 0.2                          | 0.3 | 0.3      | 0.3 |
| 50106R  | VILLE ST-LAURENT                            | 281                                          | 0.21                                    | 0.2                     | 0.5 | 1.0         | 1.8 | 0.2                          | 0.4 | 0.4      | 0.5 |
| 50107R  | VILLE LASALLE                               | 334                                          | 0.10                                    | 0.1                     | 0.3 | 0.5         | 1.3 | 0.1                          | 0.2 | 0.3      | 0.3 |
| 50109C  | DUNCAN & DECARIE                            | 366                                          | 0.34                                    | 0.4                     | 0.9 | 1.1         | 1.4 | 0.4                          | 0.7 | 0.8      | 0.8 |
| 50110C  | PARC PILON, MTL.-NORD                       | 362                                          | 0.19                                    | 0.2                     | 0.5 | 0.7         | 0.9 | 0.2                          | 0.4 | 0.5      | 0.5 |
| 50111C  | 2900 BOUL. CONCORDE                         | 372                                          | ****                                    | 0.1                     | 0.3 | 0.4         | 0.6 | 0.1                          | 0.2 | 0.3      | 0.3 |
| 50112C  | BOUL. LAURENTIDES                           | 0                                            | ----                                    | -                       | -   | -           | -   | -                            | -   | -        | -   |
| 50113R  | PIE X & CARDINAL                            | 285                                          | ****                                    | 0.1                     | 0.2 | 0.3         | 0.4 | 0.1                          | 0.2 | 0.2      | 0.2 |
| 50115C  | PEEL & MAISONNEUVE                          | 0                                            | ----                                    | -                       | -   | -           | -   | -                            | -   | -        | -   |
| 50303I  | QUEBEC, QUEBEC<br>CENTRE LOISIRS LIMOILLOU  | 372                                          | 0.24                                    | 0.3                     | 0.7 | 1.1         | 1.4 | 0.3                          | 0.5 | 0.6      | 0.6 |
| 50304C  | 155 DORCHESTER SUD                          | 314                                          | 0.17                                    | 0.2                     | 0.7 | 0.9         | 1.4 | 0.2                          | 0.4 | 0.5      | 0.5 |
| 50801R  | TROIS-RIVIERES, QUEBEC<br>HART & STE-CECILE | 372                                          | ****                                    | 0.1                     | 0.5 | 0.7         | 0.9 | 0.1                          | 0.2 | 0.3      | 0.3 |
| 51001R  | TRACY, QUEBEC<br>3225 AVE COURSHESNE        | 372                                          | ****                                    | 0.1                     | 0.3 | 0.4         | 0.5 | 0.1                          | 0.2 | 0.3      | 0.3 |
| 60101C  | OTTAWA, ONT.<br>88 SLATER ST.               | 77                                           | ----                                    | 0.2                     | 0.4 | 0.6         | 0.6 | 0.2                          | 0.3 | 0.4      | 0.4 |
| 60102R  | EXPERIMENTAL FARM                           | 372                                          | ****                                    | 0.1                     | 0.4 | 0.5         | 0.6 | 0.1                          | 0.2 | 0.2      | 0.2 |
| 60103C  | GILMOUR STREET                              | 372                                          | ****                                    | 0.1                     | 0.4 | 0.5         | 0.6 | 0.1                          | 0.2 | 0.2      | 0.2 |
| 60104C  | RIDEAU & WURTEMBERG                         | 369                                          | 0.16                                    | 0.2                     | 0.5 | 0.7         | 0.8 | 0.2                          | 0.3 | 0.3      | 0.3 |
| 60204C  | WINDSOR, ONT.<br>471 UNIVERSITY AVENUE      | 611                                          | (1) 0.60                                | 0.7                     | 1.2 | 1.6         | 1.9 | 0.7                          | 0.9 | 1.0      | 1.1 |
| 60211R  | COLLEGE & PRINCE                            | 699                                          | (1) 0.45                                | 0.5                     | 1.1 | 1.6         | 2.1 | 0.5                          | 0.8 | 1.1      | 1.2 |
| 60302R  | KINGSTON, ONT.<br>NAPIER STREET             | 291                                          | ****                                    | 0.1                     | 0.3 | 0.5         | 0.5 | 0.1                          | 0.1 | 0.1      | 0.1 |
| 60401C  | TORONTO, ONT.<br>67 COLLEGE STREET          | 719                                          | (1) 0.38                                | 0.5                     | 0.9 | 1.2         | 1.3 | 0.5                          | 0.7 | 0.8      | 0.8 |
| 60402R  | DON MILLS, SCIENCE CNTR                     | 699                                          | (1) 0.34                                | 0.5                     | 0.8 | 1.3         | 1.4 | 0.5                          | 0.6 | 0.7      | 0.8 |
| 60403I  | EVANS & ARNOLD                              | 720                                          | (1) 0.52                                | 0.7                     | 1.2 | 1.5         | 1.7 | 0.7                          | 0.9 | 1.0      | 1.0 |
| 60409R  | REDLANDS CRESCENT                           | 370                                          | 0.22                                    | 0.3                     | 0.7 | 0.9         | 1.3 | 0.3                          | 0.4 | 0.4      | 0.5 |
| 60410R  | LAWRENCE & KENNEDY                          | 720                                          | (1) 0.25                                | 0.3                     | 0.6 | 0.8         | 0.9 | 0.3                          | 0.5 | 0.5      | 0.6 |
| 60411R  | PHARMACY & HWY 401                          | 710                                          | (1) 0.37                                | 0.4                     | 0.9 | 1.4         | 1.7 | 0.5                          | 0.7 | 0.7      | 0.8 |
| 60412R  | BATHURST & WILSON                           | 665                                          | (1) 0.51                                | 0.7                     | 1.3 | 1.6         | 2.0 | 0.8                          | 1.0 | 1.1      | 1.2 |
| 60413R  | ELMCREST ROAD                               | 160                                          | ----                                    | 0.3                     | 0.8 | 1.1         | 1.1 | 0.3                          | 0.5 | 0.5      | 0.6 |
| 60501C  | HAMILTON, ONT.<br>BARTON & SANFORD          | 713                                          | (1) 0.45                                | 0.5                     | 1.3 | 1.5         | 1.6 | 0.5                          | 1.0 | 1.1      | 1.1 |
| 60505R  | NORTH PARK                                  | 714                                          | (1) 0.76                                | 1.0                     | 1.9 | 2.2         | 2.8 | 1.0                          | 1.5 | 2.0      | 2.0 |
| 60602R  | SUDBURY, ONT.<br>ASH STREET                 | 662                                          | (1) ****                                | 0.1                     | 0.3 | 0.5         | 0.9 | 0.1                          | 0.2 | 0.3      | 0.3 |
| 60704C  | SAULT STE. MARIE, ONT.<br>445 ALBERT STREET | 345                                          | 0.20                                    | 0.2                     | 0.6 | 0.9         | 1.0 | 0.2                          | 0.3 | 0.4      | 0.4 |
| 60806R  | THUNDER BAY, ONT.<br>435 JAMES S.           | 372                                          | 0.17                                    | 0.2                     | 0.4 | 0.6         | 0.7 | 0.2                          | 0.3 | 0.3      | 0.3 |
| 60901C  | LONDON, ONT.<br>KING & RECTORY              | 634                                          | (1) 0.24                                | 0.3                     | 0.5 | 0.9         | 1.1 | 0.3                          | 0.4 | 0.5      | 0.5 |
| 60902C  | 372 DUNDAS                                  | 357                                          | 0.15                                    | 0.2                     | 0.4 | 0.5         | 0.7 | 0.2                          | 0.2 | 0.3      | 0.3 |
| 61001C  | SARNIA, ONT.<br>156 VICTORIA STREET         | 703                                          | (1) 0.24                                | 0.3                     | 0.7 | 0.9         | 1.9 | 0.3                          | 0.5 | 0.6      | 0.6 |

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

\*\*\*\* CALCULATED MEANS ARE BELOW 0.1  
LES MOYENNES SONT INFÉRIEURES 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.JULY - JUILLET  
1977INDICE 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<br>INTERVALS - INTERVALLES |     |     |     | DISTRIBUTIONS DES FREQUENCES<br>MEANS - MOYENNES |     |     |     |
|---------|---------------------------------------------|----------------------------------------------|-----------------------------------------|----------------------------------------------------|-----|-----|-----|--------------------------------------------------|-----|-----|-----|
|         |                                             |                                              |                                         | 2-HOUR / HEURES                                    |     |     |     | 24-HOUR / HEURES                                 |     |     |     |
|         |                                             |                                              |                                         | 70                                                 | 95  | 99  | MAX | 70                                               | 95  | 99  | MAX |
| 61103C  | PETERBOROUGH, ONT.<br>500 GEORGE STREET     | 80                                           | ----                                    | 0.2                                                | 0.5 | 0.9 | 0.9 | 0.2                                              | 0.3 | 0.4 | 0.4 |
| 61201R  | CORNWALL, ONT.<br>MEMORIAL PARK             | 370                                          | 0.17                                    | 0.2                                                | 0.5 | 0.8 | 0.9 | 0.2                                              | 0.3 | 0.3 | 0.3 |
| 61301C  | ST. CATHARINES, ONT.<br>NORTH ST. CITY YARD | 135                                          | ----                                    | 0.2                                                | 0.6 | 0.7 | 0.7 | 0.2                                              | 0.3 | 0.3 | 0.3 |
| 61401C  | BRANTFORD, ONT.<br>DALHOUSIE & QUEEN        | 371                                          | 0.16                                    | 0.2                                                | 0.4 | 0.5 | 0.7 | 0.2                                              | 0.2 | 0.3 | 0.3 |
| 61501C  | KITCHENER, ONT.<br>EDNA & FREDERICK         | 329                                          | 0.22                                    | 0.3                                                | 0.7 | 0.9 | 1.1 | 0.2                                              | 0.5 | 0.6 | 0.6 |
| 61601R  | OAKVILLE, ONT.<br>REBECCA & WOODSIDE        | 369                                          | 0.19                                    | 0.3                                                | 0.5 | 0.7 | 1.3 | 0.2                                              | 0.3 | 0.4 | 0.4 |
| 70101C  | WINNIPEG, MAN.<br>270 OSBORNE STREET        | 174                                          | ----                                    | 0.2                                                | 0.3 | 0.5 | 0.5 | 0.1                                              | 0.2 | 0.2 | 0.2 |
| 70102R  | PORTAGE & WOODLAWN                          | 253                                          | ****                                    | 0.1                                                | 0.1 | 0.2 | 0.2 | 0.1                                              | 0.1 | 0.1 | 0.1 |
| 70104I  | UNION STOCK YARDS                           | 231                                          | 0.10                                    | 0.1                                                | 0.3 | 0.8 | 0.8 | 0.1                                              | 0.2 | 0.3 | 0.3 |
| 70118R  | JEFFERSON & SCOTIA                          | 249                                          | ****                                    | 0.1                                                | 0.2 | 0.3 | 0.3 | 0.1                                              | 0.2 | 0.2 | 0.2 |
| 70201C  | BRANDON, MAN.<br>11TH ST. & PRINCESS AVE.   | 265                                          | ****                                    | 0.1                                                | 0.2 | 0.3 | 0.3 | 0.1                                              | 0.1 | 0.1 | 0.1 |
| 80102R  | REGINA, SASK.<br>3211 ALBERT STREET         | 372                                          | ****                                    | 0.0                                                | 0.0 | 0.0 | 0.1 | 0.0                                              | 0.0 | 0.0 | 0.0 |
| 80108C  | 12TH & SMITH                                | 306                                          | ****                                    | 0.0                                                | 0.2 | 0.3 | 0.3 | 0.0                                              | 0.1 | 0.1 | 0.1 |
| 80202C  | SASKATOON, SASK.<br>CITY LIBRARY            | 326                                          | ****                                    | 0.0                                                | 0.0 | 0.0 | 0.2 | 0.0                                              | 0.0 | 0.0 | 0.0 |
| 80203R  | PORTENAU LODGE                              | 336                                          | ****                                    | 0.0                                                | 0.1 | 0.2 | 0.3 | 0.0                                              | 0.0 | 0.1 | 0.1 |
| 80301C  | MOOSE JAW, SASK.<br>TELEPHONE BUILDING      | 258                                          | ****                                    | 0.0                                                | 0.1 | 0.2 | 0.3 | 0.0                                              | 0.0 | 0.0 | 0.0 |
| 80401C  | PRINCE ALBERT, SASK.<br>1257-1ST AVE. EAST  | 296                                          | 0.67                                    | 1.0                                                | 1.6 | 2.2 | 3.3 | 1.1                                              | 1.3 | 1.4 | 1.4 |
| 90109I  | EDMONTON, ALTA.<br>149 ST. & 115 AVENUE     | 372                                          | ****                                    | 0.1                                                | 0.3 | 0.5 | 0.7 | 0.1                                              | 0.2 | 0.3 | 0.3 |
| 90118R  | 73 AVENUE & 95 STREET                       | 369                                          | ****                                    | 0.1                                                | 0.3 | 0.4 | 0.9 | 0.1                                              | 0.2 | 0.2 | 0.2 |
| 90122R  | 127 ST. & 133 AVENUE                        | 736                                          | (1) ****                                | 0.1                                                | 0.2 | 0.3 | 0.6 | 0.1                                              | 0.2 | 0.2 | 0.2 |
| 90123C  | 100 ST. & 102 AVENUE                        | 270                                          | ****                                    | 0.1                                                | 0.3 | 0.5 | 0.5 | 0.1                                              | 0.1 | 0.2 | 0.2 |
| 90130C  | 10255 - 104TH STREET                        | 716                                          | (1) 0.18                                | 0.2                                                | 0.4 | 0.5 | 0.8 | 0.2                                              | 0.3 | 0.3 | 0.3 |
| 90216R  | CALGARY, ALTA.<br>GLENMORE TRAIL & 18 ST.   | 372                                          | ****                                    | 0.1                                                | 0.2 | 0.3 | 0.3 | 0.1                                              | 0.1 | 0.1 | 0.1 |
| 90218I  | BONNY BRK & 18A ST. S.E.                    | 728                                          | (1) ****                                | 0.1                                                | 0.3 | 0.4 | 1.2 | 0.1                                              | 0.2 | 0.2 | 0.3 |
| 90219C  | 620-7TH AVENUE, S.W.                        | 744                                          | (1) 0.12                                | 0.2                                                | 0.3 | 0.5 | 0.6 | 0.2                                              | 0.2 | 0.3 | 0.3 |
| 90222R  | 39 ST. & 29 AVE. N.W.                       | 744                                          | (1) ****                                | 0.0                                                | 0.2 | 0.2 | 0.3 | 0.0                                              | 0.1 | 0.1 | 0.1 |
| 00102R  | VANCOUVER, B.C.<br>100 RICHMOND STREET      | 0                                            | ----                                    | -                                                  | -   | -   | -   | -                                                | -   | -   | -   |
| 00106R  | 2294 WEST 10TH AVENUE                       | 363                                          | 0.20                                    | 0.3                                                | 0.5 | 0.7 | 1.1 | 0.2                                              | 0.3 | 0.3 | 0.3 |
| 00108I  | 250 WEST 70TH AVENUE                        | 288                                          | 0.19                                    | 0.3                                                | 0.6 | 0.9 | 1.0 | 0.2                                              | 0.3 | 0.4 | 0.4 |
| 00109C  | 970 BURRARD                                 | 0                                            | ----                                    | -                                                  | -   | -   | -   | -                                                | -   | -   | -   |
| 00110R  | E. HASTINGS & KENSINGTON                    | 346                                          | 0.19                                    | 0.3                                                | 0.5 | 0.9 | 1.0 | 0.2                                              | 0.4 | 0.4 | 0.4 |
| 00111I  | ROCKY PT. PARK                              | 249                                          | 0.20                                    | 0.3                                                | 0.6 | 0.7 | 0.9 | 0.2                                              | 0.5 | 0.5 | 0.6 |
| 00201C  | PRINCE GEORGE, B.C.<br>1306-7TH AVENUE      | 345                                          | 0.10                                    | 0.1                                                | 0.2 | 0.3 | 0.3 | 0.1                                              | 0.2 | 0.2 | 0.2 |
| 00301C  | VICTORIA, B.C.<br>POLICE STATION, FISGUARD  | 372                                          | 0.21                                    | 0.3                                                | 0.5 | 0.7 | 1.0 | 0.2                                              | 0.3 | 0.4 | 0.4 |
| 00302C  | 1106 COOK ST.                               | 274                                          | ****                                    | 0.1                                                | 0.2 | 0.3 | 0.4 | 0.1                                              | 0.2 | 0.2 | 0.2 |
| 09001C  | WHITEHORSE, YUKON<br>FEDERAL BUILDING       | 247                                          | 0.13                                    | 0.2                                                | 0.5 | 0.7 | 1.0 | 0.2                                              | 0.3 | 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.

UNPENDED PARTICULATE MATTER AND LEAD  
 MICROGRAMS PER CUBIC METRE

 JULY - JUILLET  
 1977

 PLOMB ET PARTICULES EN SUSPENSION  
 MICROGRAMMES PAR METRE CUBE

| STATION | LOCATION<br>EMPLACEMENT                      | *----- PARTICULATES / PARTICULES -----* |     |     |     |     |                 | *----- LEAD / PLOMB -----* |     |     |     |     |                 |
|---------|----------------------------------------------|-----------------------------------------|-----|-----|-----|-----|-----------------|----------------------------|-----|-----|-----|-----|-----------------|
|         |                                              | *----- DAY / JOUR -----*                |     |     |     |     |                 | *----- DAY / JOUR -----*   |     |     |     |     |                 |
|         |                                              | 6                                       | 12  | 18  | 24  | 30  | MEAN<br>MOYENNE | 6                          | 12  | 18  | 24  | 30  | MEAN<br>MOYENNE |
| 10101C  | ST. JOHN'S, NPLD.<br>DUCKWORTH & ORDINANCE   | -                                       | -   | 103 | 27  | 69  | 66              | -                          | -   | 0.4 | 0.3 | 0.3 | 0.3             |
| 20101C  | CHARLOTTETOWN, P.E.I.<br>56 FITZROY ST.      | 45                                      | 52  | 68  | 43  | -   | 52              | 0.4                        | 0.2 | 0.5 | 0.2 | -   | 0.3             |
| 30101C  | HALIFAX, N.S.<br>N.S. TECHNICAL COLLEGE      | 56                                      | 74  | 61  | -   | 35  | 57              | 0.3                        | 0.1 | 0.3 | -   | 0.1 | 0.2             |
| 30102R  | DALHOUSIE UNIVERSITY                         | 38                                      | 81  | 51  | 46  | 30  | 49              | 0.2                        | 0.1 | 0.2 | 0.1 | 0.1 | 0.2             |
| 30114R  | MT ST VINCENT UNIVERSITY                     | 26                                      | 49  | 44  | 32  | 30  | 36              | 0.1                        | 0.1 | 0.2 | 0.1 | 0.1 | 0.1             |
| 30115I  | CFB SHEARWATER                               | 41                                      | 40  | 60  | 38  | 32  | 42              | 0.1                        | 0.1 | 0.1 | 0.1 | 0.0 | 0.1             |
| 30310C  | SYDNEY, N.S.<br>COUNTY JAIL                  | 45                                      | 89  | 51  | 58  | 175 | 84              | 0.2                        | 0.7 | 0.7 | 0.3 | 0.7 | 0.5             |
| 30311R  | WHITNEY PIER FIRE STN.                       | 62                                      | 100 | 76  | -   | 95  | 83              | 0.4                        | 0.4 | 0.6 | -   | 0.3 | 0.4             |
| 40102C  | FREDERICTON, N.B.<br>YORK STREET             | -                                       | 73  | 65  | 50  | 35  | 56              | -                          | 0.3 | 0.4 | 0.2 | 0.2 | 0.3             |
| 40201C  | SAINT JOHN, N.B.<br>110 CHARLOTTE STREET     | 57                                      | 65  | 140 | -   | -   | 87              | 0.3                        | 0.2 | 0.4 | -   | -   | 0.3             |
| 40301C  | MONCTON, N.B.<br>774 MAIN STREET             | 58                                      | 87  | 82  | 37  | -   | 66              | 0.5                        | 0.6 | 1.7 | 0.2 | -   | 0.8             |
| 50101R  | MONTREAL, QUEBEC<br>PARC JARRY               | -                                       | -   | -   | -   | -   | -               | -                          | -   | -   | -   | -   | -               |
| 50102R  | JARDIN BOTANIQUE                             | 70                                      | 28  | 61  | 51  | 44  | 51              | 0.9                        | 0.6 | 1.1 | 0.6 | 0.6 | 0.8             |
| 50103R  | POINTE-AUX-TREMBLES                          | 114                                     | 60  | 93  | 83  | 60  | 82              | 0.8                        | 0.6 | 0.6 | 0.6 | 0.6 | 0.6             |
| 50104C  | 1125 ONTARIO EST                             | 78                                      | 79  | 63  | 67  | 40  | 65              | -                          | -   | -   | -   | -   | -               |
| 50105C  | 1212 DRUMMOND                                | 88                                      | 103 | 83  | 84  | 53  | 82              | 1.5                        | 1.1 | 0.9 | 0.9 | -   | 1.1             |
| 50106R  | VILLE ST-LAURENT                             | 92                                      | 127 | 75  | 57  | -   | 88              | 1.3                        | 1.1 | 0.9 | 0.5 | -   | 1.0             |
| 50107R  | VILLE LASALLE                                | -                                       | 69  | 97  | 79  | 92  | 84              | -                          | 0.5 | 0.6 | 0.4 | 0.7 | 0.6             |
| 50108R  | 1700 BOURASSA, LONGUEUIL                     | 82                                      | 55  | 99  | -   | 36  | 68              | 0.9                        | 0.6 | 0.6 | -   | 0.4 | 0.6             |
| 50109C  | DUNCAN & DECARIE                             | 102                                     | 72  | 136 | 75  | 57  | 88              | 2.1                        | 1.3 | 2.0 | 1.6 | 1.2 | 1.6             |
| 50110C  | PARC PILON, MTL.-NORD                        | 80                                      | 79  | 60  | 49  | 47  | 63              | 0.9                        | 1.1 | 0.9 | 0.4 | 0.9 | 0.8             |
| 50111C  | 2900 BOUL. CONCORDE                          | 74                                      | 53  | 63  | 60  | 41  | 58              | 0.5                        | 0.3 | 0.3 | 0.3 | 0.3 | 0.3             |
| 50112C  | BOUL. LAURENTIDES                            | -                                       | -   | -   | -   | -   | -               | -                          | -   | -   | -   | -   | -               |
| 50113R  | PIE X & CARDINAL                             | 50                                      | 38  | 41  | 49  | 26  | 41              | 0.3                        | 0.5 | 0.3 | 0.3 | 0.3 | 0.3             |
| 50115C  | PEEL & MAISONNEUVE                           | 119                                     | 128 | 98  | 135 | 76  | 111             | -                          | -   | -   | -   | -   | -               |
| 50203R  | HULL, QUEBEC<br>GAMBLIN & JOFFRE             | 75                                      | 86  | 60  | 55  | 39  | 63              | 0.5                        | 1.1 | 0.3 | 0.2 | 0.8 | 0.6             |
| 50301C  | QUEBEC, QUEBEC<br>PARC-AUTOS PAQ.LALIBERTE   | 77                                      | 99  | 109 | 55  | 176 | 103             | -                          | -   | -   | -   | -   | -               |
| 50302R  | PARC BARDY                                   | 69                                      | 123 | 46  | 35  | 70  | 69              | -                          | -   | -   | -   | -   | -               |
| 50303I  | CENTRE LOISIRS LIMOILLOU                     | 91                                      | 137 | 72  | 36  | -   | 84              | -                          | -   | -   | -   | -   | -               |
| 50304C  | 155 DORCHESTER SUD                           | -                                       | -   | -   | -   | -   | -               | -                          | -   | -   | -   | -   | -               |
| 50402R  | SHERBROOKE, QUEBEC<br>CASERNE DE POMPIERS #5 | -                                       | 64  | 45  | -   | -   | -               | -                          | -   | -   | -   | -   | -               |
| 50403C  | WELLINGTON & ALBERT                          | -                                       | -   | -   | -   | -   | -               | -                          | -   | -   | -   | -   | -               |
| 50501C  | CHICOUTIMI, QUEBEC<br>HOTEL DE VILLE         | 43                                      | -   | -   | -   | -   | -               | -                          | -   | -   | -   | -   | -               |
| 50502R  | USINE DE FILTRATION                          | -                                       | 58  | 77  | 69  | 45  | 62              | -                          | -   | -   | -   | -   | -               |
| 50601C  | ROUYN, QUEBEC<br>HOTEL DE VILLE              | -                                       | 43  | -   | -   | -   | -               | -                          | 0.2 | -   | -   | -   | -               |
| 50801R  | TROIS-RIVIERES, QUEBEC<br>HART & STE-CECILE  | -                                       | 55  | 24  | 59  | 47  | 46              | -                          | -   | -   | -   | -   | -               |
| 50901R  | ARVIDA, QUEBEC<br>POWELL & HOOPES            | 42                                      | 90  | 50  | 60  | 58  | 60              | -                          | -   | -   | -   | -   | -               |
| 51002R  | TRACY, QUEBEC<br>GARNEAU & RTE 132           | 61                                      | 89  | 42  | 43  | -   | 59              | -                          | -   | -   | -   | -   | -               |
| 60101C  | OTTAWA, ONT.<br>88 SLATER ST.                | 76                                      | -   | -   | 67  | 43  | 62              | 0.8                        | -   | -   | 0.4 | 0.4 | 0.5             |
| 60104C  | RIDEAU & WURTEMBURG                          | 86                                      | -   | 40  | 45  | 29  | 50              | -                          | -   | -   | -   | -   | -               |
| 60201I  | WINDSOR, ONT.<br>MORTON TERMINAL DOCK        | -                                       | 92  | 128 | 128 | 121 | 117             | -                          | 0.5 | 0.6 | 0.5 | 0.8 | 0.6             |
| 60202C  | CITY HALL                                    | 142                                     | 124 | -   | 115 | -   | 127             | 0.5                        | 0.7 | -   | 0.7 | -   | 0.6             |
| 60203R  | TECUMSEH WATER WORKS                         | 129                                     | 67  | 73  | 86  | 64  | 84              | 0.4                        | 0.3 | 1.2 | 0.5 | 0.5 | 0.6             |
| 60301R  | KINGSTON, ONT.<br>QUEEN'S UNIVERSITY         | 46                                      | 42  | 47  | 65  | 37  | 47              | 0.3                        | 0.2 | 0.1 | 0.2 | 0.1 | 0.2             |
| 60401C  | TORONTO, ONT.<br>67 COLLEGE STREET           | 94                                      | 98  | -   | 100 | 63  | 89              | -                          | 0.9 | -   | 0.7 | 2.5 | 1.4             |
| 60402R  | DON MILLS, SCIENCE CNTR                      | -                                       | 72  | 65  | 62  | 37  | 59              | -                          | -   | -   | -   | -   | -               |
| 60403I  | EVANS & ARNOLD                               | 53                                      | 86  | 75  | 64  | 51  | 66              | -                          | -   | 1.4 | 0.5 | 1.5 | 1.1             |
| 60409R  | REDLANDS CRESCENT                            | 26                                      | 55  | 78  | 63  | 38  | 52              | 0.1                        | 0.3 | 0.6 | 0.3 | 0.2 | 0.3             |
| 60410R  | LAWRENCE & KENNEDY                           | 8                                       | -   | 71  | 75  | 49  | 51              | -                          | -   | -   | -   | -   | -               |
| 60411R  | PHARMACY & HWY 401                           | 56                                      | 70  | 62  | 73  | 60  | 64              | 3.2                        | 0.8 | 1.8 | 0.8 | 3.8 | 2.1             |
| 60412R  | BATHURST & WILSON                            | 56                                      | 103 | 95  | 79  | -   | 83              | 2.7                        | 3.5 | 3.1 | 2.1 | -   | 2.9             |
| 60413R  | ELMCREST ROAD                                | 38                                      | 61  | 78  | 74  | 41  | 58              | -                          | -   | -   | -   | -   | -               |

SUSPENDED PARTICULATE MATTER AND LEAD  
MICROGRAMS PER CUBIC METRE

JULY - JUILLET  
1977

PLOMB ET PARTICULES EN SUSPENSION  
MICROGRAMMES PAR METRE CUBE

| STATION                | LOCATION<br>EMPLACEMENT  | *----- PARTICULATES / PARTICULES -----* |     |     |     |     |                 | *----- LEAD / PLOMB -----* |     |     |     |     |                 |
|------------------------|--------------------------|-----------------------------------------|-----|-----|-----|-----|-----------------|----------------------------|-----|-----|-----|-----|-----------------|
|                        |                          | *----- DAY / JOUR -----*                |     |     |     |     | MEAN<br>MOYENNE | *----- DAY / JOUR -----*   |     |     |     |     | MEAN<br>MOYENNE |
|                        |                          | 6                                       | 12  | 18  | 24  | 30  |                 | 6                          | 12  | 18  | 24  | 30  |                 |
| HAMILTON, ONT.         |                          |                                         |     |     |     |     |                 |                            |     |     |     |     |                 |
| 60501C                 | BARTON & SANFORD         | -                                       | 149 | -   | 129 | 101 | 126             | -                          | 1.0 | -   | 0.6 | 0.7 | 0.8             |
| 60503I                 | CHATHAM & FRID           | 74                                      | 80  | 93  | 74  | 73  | 79              | -                          | 0.3 | 0.6 | 0.2 | 0.6 | 0.4             |
| 60505R                 | NORTH PARK               | 35                                      | 131 | 144 | 130 | 79  | 104             | 0.3                        | 1.4 | 1.5 | 1.4 | 1.1 | 1.1             |
| SUDBURY, ONT.          |                          |                                         |     |     |     |     |                 |                            |     |     |     |     |                 |
| 60602R                 | ASH STREET               | 22                                      | -   | 39  | 59  | 21  | 35              | -                          | -   | -   | -   | -   | -               |
| 60605C                 | 19 LISGAR STREET         | 37                                      | 51  | 40  | 59  | 31  | 44              | 0.4                        | 0.3 | 0.2 | 0.4 | 0.4 | 0.3             |
| SAULT STE. MARIE, ONT. |                          |                                         |     |     |     |     |                 |                            |     |     |     |     |                 |
| 60704C                 | 445 ALBERT STREET        | -                                       | -   | -   | -   | -   | -               | -                          | -   | -   | -   | -   | -               |
| THUNDER BAY, ONT.      |                          |                                         |     |     |     |     |                 |                            |     |     |     |     |                 |
| 60801C                 | 14 ALGOMA STREET         | 130                                     | 47  | 132 | 44  | 30  | 77              | -                          | -   | -   | -   | -   | -               |
| 60806R                 | 435 JAMES S.             | 48                                      | 44  | 88  | 30  | 19  | 46              | -                          | -   | -   | -   | -   | -               |
| LONDON, ONT.           |                          |                                         |     |     |     |     |                 |                            |     |     |     |     |                 |
| 60901C                 | KING & RECTORY           | 86                                      | 46  | 66  | 55  | 49  | 60              | 0.6                        | 0.5 | 0.7 | 0.3 | 0.5 | 0.5             |
| 60902C                 | 372 DUNDAS               | 72                                      | 64  | 67  | 58  | 52  | 63              | 0.5                        | 0.4 | 0.7 | 0.4 | 0.3 | 0.5             |
| SARNIA, ONT.           |                          |                                         |     |     |     |     |                 |                            |     |     |     |     |                 |
| 61001C                 | 156 VICTORIA STREET      | 115                                     | -   | 126 | -   | 67  | 103             | 0.8                        | -   | 1.3 | -   | 0.6 | 0.9             |
| PETERBOROUGH, ONT.     |                          |                                         |     |     |     |     |                 |                            |     |     |     |     |                 |
| 61103C                 | 500 GEORGE STREET        | 39                                      | 59  | 57  | 64  | 36  | 51              | 0.3                        | 0.3 | 0.2 | 0.2 | 0.3 | 0.3             |
| CORNWALL, ONT.         |                          |                                         |     |     |     |     |                 |                            |     |     |     |     |                 |
| 61201R                 | MEMORIAL PARK            | 50                                      | 44  | 33  | 49  | 20  | 39              | 0.9                        | 0.6 | 0.2 | 0.2 | 0.1 | 0.4             |
| ST. CATHARINES, ONT.   |                          |                                         |     |     |     |     |                 |                            |     |     |     |     |                 |
| 61301C                 | NORTH ST. CITY YARD      | 55                                      | 51  | 60  | 69  | 62  | 59              | -                          | -   | -   | -   | -   | -               |
| BRANTFORD, ONT.        |                          |                                         |     |     |     |     |                 |                            |     |     |     |     |                 |
| 61401C                 | DALHOUSIE & QUEEN        | 48                                      | 65  | 60  | 60  | 48  | 56              | -                          | -   | -   | -   | -   | -               |
| KITCHENER, ONT.        |                          |                                         |     |     |     |     |                 |                            |     |     |     |     |                 |
| 61501C                 | EDNA & FREDERICK         | 59                                      | 60  | 90  | 65  | 57  | 66              | -                          | -   | -   | -   | -   | -               |
| OAKVILLE, ONT.         |                          |                                         |     |     |     |     |                 |                            |     |     |     |     |                 |
| 61601R                 | REBECCA & WOODSIDE       | 32                                      | 55  | 62  | 61  | -   | 53              | 0.3                        | 0.4 | 2.8 | 0.2 | -   | 0.9             |
| WINNIPEG, MAN.         |                          |                                         |     |     |     |     |                 |                            |     |     |     |     |                 |
| 70101C                 | 270 OSBORNE STREET       | 79                                      | 76  | 126 | 50  | 40  | 74              | 0.8                        | 0.9 | 1.0 | 0.3 | 0.3 | 0.7             |
| 70102R                 | PORTAGE & WOODLAWN       | -                                       | -   | -   | -   | -   | -               | -                          | -   | -   | -   | -   | -               |
| 70104I                 | UNION STOCK YARDS        | -                                       | -   | -   | -   | -   | -               | -                          | -   | -   | -   | -   | -               |
| 70118R                 | JEFFERSON & SCOTIA       | 59                                      | 33  | 58  | 36  | 37  | 45              | 0.4                        | 0.2 | 0.2 | 0.2 | 0.2 | 0.2             |
| BRANDON, MAN.          |                          |                                         |     |     |     |     |                 |                            |     |     |     |     |                 |
| 70201C                 | 11TH ST. & PRINCESS AVE. | 70                                      | 50  | 99  | 75  | 39  | 67              | 0.3                        | 0.2 | 0.5 | 0.2 | 0.1 | 0.3             |
| REGINA, SASK.          |                          |                                         |     |     |     |     |                 |                            |     |     |     |     |                 |
| 80102R                 | 3211 ALBERT STREET       | -                                       | 37  | 58  | 52  | 33  | 45              | -                          | 0.2 | 0.2 | 0.2 | 0.1 | 0.2             |
| 80108C                 | 12TH & SMITH             | 74                                      | 63  | 96  | 77  | 52  | 72              | 0.4                        | 0.3 | 0.3 | 0.2 | 0.2 | 0.3             |
| SASKATOON, SASK.       |                          |                                         |     |     |     |     |                 |                            |     |     |     |     |                 |
| 80202C                 | CITY LIBRARY             | 165                                     | 122 | 200 | 60  | 69  | 123             | 0.3                        | 0.2 | 0.2 | 0.1 | 0.2 | 0.2             |
| 80203R                 | PORTENAU LODGE           | 56                                      | 65  | 86  | 36  | 27  | 54              | 0.1                        | 0.1 | 0.1 | 0.1 | 0.0 | 0.1             |
| MOOSE JAW, SASK.       |                          |                                         |     |     |     |     |                 |                            |     |     |     |     |                 |
| 80301C                 | TELEPHONE BUILDING       | 93                                      | 81  | 100 | 66  | 45  | 77              | 0.2                        | 0.2 | 0.2 | 0.1 | 0.1 | 0.2             |
| PRINCE ALBERT, SASK.   |                          |                                         |     |     |     |     |                 |                            |     |     |     |     |                 |
| 80401C                 | 1257-1ST AVE. EAST       | 90                                      | -   | 126 | 63  | 65  | 86              | 0.2                        | -   | 0.2 | 0.3 | 0.2 | 0.2             |
| EDMONTON, ALTA.        |                          |                                         |     |     |     |     |                 |                            |     |     |     |     |                 |
| 90103R                 | 146TH ST. & 92ND AVE.    | 15                                      | 23  | 20  | 52  | 27  | 27              | 0.1                        | 0.2 | 0.2 | 0.2 | 0.1 | 0.2             |
| 90121I                 | 17 STREET & 105 AVENUE   | 60                                      | 73  | 92  | 52  | 59  | 67              | 0.2                        | 0.2 | 0.2 | 0.2 | 0.2 | 0.2             |
| 90122R                 | 127 ST. & 133 AVENUE     | 18                                      | 57  | 52  | 40  | 59  | 45              | 0.2                        | 0.2 | 0.3 | 0.0 | 0.0 | 0.1             |
| 90123C                 | 100 ST. & 102 AVENUE     | 32                                      | 82  | 81  | 86  | -   | 70              | 0.4                        | 0.3 | 0.4 | 0.2 | -   | 0.3             |
| 90130C                 | 10255 - 104TH STREET     | 37                                      | -   | 115 | 121 | 83  | 89              | 0.4                        | -   | 0.6 | 0.2 | 0.4 | 0.4             |
| CALGARY, ALTA.         |                          |                                         |     |     |     |     |                 |                            |     |     |     |     |                 |
| 90203R                 | 407-31 AVENUE, N.W.      | -                                       | -   | -   | -   | -   | -               | -                          | -   | -   | -   | -   | -               |
| 90204C                 | 316-7TH AVENUE           | 82                                      | 69  | 21  | -   | 51  | 56              | 0.4                        | 0.4 | 0.1 | -   | 0.3 | 0.3             |
| 90218I                 | BONNY BRK & 18A ST. S.E. | 51                                      | 74  | 68  | 126 | 58  | 75              | 0.2                        | 0.2 | 0.2 | 0.1 | 0.1 | 0.2             |
| 90222R                 | 39 ST. & 29 AVE. N.W.    | 26                                      | 51  | 34  | 84  | 46  | 48              | 0.1                        | 0.1 | 0.2 | 0.1 | 0.1 | 0.1             |
| RED DEER, ALTA.        |                          |                                         |     |     |     |     |                 |                            |     |     |     |     |                 |
| 90301C                 | 4747 50TH STREET         | 25                                      | 70  | 58  | 141 | 41  | 67              | 0.1                        | 0.2 | 0.2 | 0.1 | 0.1 | 0.1             |
| MEDICINE HAT, ALTA.    |                          |                                         |     |     |     |     |                 |                            |     |     |     |     |                 |
| 90401C                 | 770 FIRST STREET, S.E.   | 38                                      | 46  | -   | -   | 16  | 33              | 0.1                        | 0.2 | -   | -   | 0.1 | 0.1             |
| LETHBRIDGE, ALTA.      |                          |                                         |     |     |     |     |                 |                            |     |     |     |     |                 |
| 90501C                 | 13 ST. & 9 AVENUE S.     | 57                                      | 48  | 34  | 49  | 34  | 44              | 0.1                        | 0.2 | 0.2 | 0.1 | 0.2 | 0.2             |
| YELLOWKNIFE, N.W.T.    |                          |                                         |     |     |     |     |                 |                            |     |     |     |     |                 |
| 99001C                 | 50TH AVE. & 51ST STREET  | -                                       | -   | -   | -   | -   | -               | -                          | -   | -   | -   | -   | -               |
| VANCOUVER, B.C.        |                          |                                         |     |     |     |     |                 |                            |     |     |     |     |                 |
| 00102R                 | 100 RICHMOND STREET      | 67                                      | 34  | 37  | 67  | 47  | 50              | 0.6                        | 0.3 | 0.4 | 0.8 | 0.6 | 0.6             |
| 00104R                 | 27TH & ONTARIO           | 49                                      | 41  | 34  | 65  | 52  | 48              | 0.6                        | 0.5 | 0.5 | 0.9 | 0.6 | 0.6             |

SUSPENDED PARTICULATE MATTER AND LEAD  
 MICROGRAMS PER CUBIC METRE

 JULY - JUILLET  
 1977

 PLOMB ET PARTICULES EN SUSPENSION  
 MICROGRAMMES PAR METRE CUBE

| STATION | LOCATION<br>EMPLACEMENT                | *----- PARTICULATES / PARTICULES -----* |     |     |     |     |                 | *----- LEAD / PLOMB -----* |     |     |     |     |                 |
|---------|----------------------------------------|-----------------------------------------|-----|-----|-----|-----|-----------------|----------------------------|-----|-----|-----|-----|-----------------|
|         |                                        | *----- DAY / JOUR -----*                |     |     |     |     | MEAN<br>MOYENNE | *----- DAY / JOUR -----*   |     |     |     |     | MEAN<br>MOYENNE |
|         |                                        | 6                                       | 12  | 18  | 24  | 30  |                 | 6                          | 12  | 18  | 24  | 30  |                 |
| 00106R  | 2294 WEST 10TH AVENUE                  | 48                                      | 38  | 32  | 53  | 49  | 44              | 0.5                        | 0.4 | 0.4 | 0.8 | 0.6 | 0.5             |
| 00108I  | 250 WEST 70TH AVENUE                   | 78                                      | 70  | 58  | 82  | 68  | 71              | 0.7                        | 0.7 | 0.6 | 0.9 | 0.6 | 0.7             |
| 00109C  | 970 BURRARD                            | 68                                      | 55  | 47  | 57  | 65  | 58              | 0.8                        | 0.8 | 0.7 | 0.9 | 0.8 | 0.8             |
| 00110R  | E. HASTINGS & KENSINGTON               | 67                                      | 41  | 41  | 73  | 54  | 55              | 0.4                        | 0.4 | 0.3 | 0.7 | 0.5 | 0.5             |
| 00111I  | ROCKY PT. PARK                         | 70                                      | 29  | 52  | 107 | 70  | 66              | 0.4                        | 0.2 | 0.2 | 0.8 | 0.3 | 0.4             |
| 00201C  | PRINCE GEORGE, B.C.<br>1306-7TH AVENUE | 77                                      | -   | 51  | 115 | -   | 81              | 0.7                        | -   | 0.6 | 0.5 | -   | 0.6             |
|         | VICTORIA, B.C.                         |                                         |     |     |     |     |                 |                            |     |     |     |     |                 |
| 00301C  | POLICE STATION, FISGUARD               | 43                                      | 31  | 33  | 46  | -   | 38              | 0.5                        | 0.2 | 0.2 | 0.7 | -   | 0.4             |
| 00302C  | 1106 COOK ST.                          | 34                                      | 27  | 30  | 54  | 36  | 36              | 0.5                        | 0.2 | 0.3 | 0.8 | 0.6 | 0.5             |
|         | WHITEHORSE, YUKON                      |                                         |     |     |     |     |                 |                            |     |     |     |     |                 |
| 09001C  | FEDERAL BUILDING                       | -                                       | 151 | 120 | 98  | 137 | 127             | -                          | 0.2 | 0.2 | 0.1 | 0.1 | 0.2             |

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

JULY - JUILLET  
1977

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

| STATION | LOCATION<br>EMPLACEMENT                     | *----- DAY / JOUR -----* |    |    |    |    |
|---------|---------------------------------------------|--------------------------|----|----|----|----|
|         |                                             | 6                        | 12 | 18 | 24 | 30 |
| 10101C  | ST. JOHN'S, Nfld.<br>DUCKWORTH & ORDINANCE  | -                        | -  | 0  | -  | 0  |
| 20101C  | CHARLOTTETOWN, P.E.I.<br>56 FITZROY ST.     | 0                        | -  | -  | -  | -  |
| 30114R  | HALIFAX, N.S.<br>MT ST VINCENT UNIVERSITY   | 0                        | 0  | -  | -  | -  |
| 30115I  | CFB SHEARWATER                              | 1                        | 1  | 0  | -  | -  |
| 30310C  | SYDNEY, N.S.<br>COUNTY JAIL                 | 1                        | -  | 1  | 1  | 4  |
| 30311R  | WHITNEY PIER FIRE STN.                      | 1                        | 3  | 1  | -  | 1  |
| 50101R  | MONTREAL, QUEBEC<br>PARC JARRY              | -                        | -  | -  | -  | -  |
| 50102R  | JARDIN BOTANIQUE                            | 3                        | 0  | 0  | 0  | 0  |
| 50103R  | POINTE-AUX-TREMBLES                         | 5                        | 2  | 1  | 7  | 1  |
| 50104C  | 1125 ONTARIO EST                            | 3                        | 2  | 1  | 1  | 0  |
| 50105C  | 1212 DRUMMOND                               | -                        | -  | -  | 4  | 3  |
| 50106R  | VILLE ST-LAURENT                            | 0                        | 0  | 0  | 0  | -  |
| 50107R  | VILLE LASALLE                               | -                        | -  | -  | -  | -  |
| 50109C  | DUNCAN & DECARIE                            | 0                        | 0  | 0  | 0  | 0  |
| 50110C  | PARC PILON, MTL.-NORD                       | 0                        | 0  | 0  | -  | 0  |
| 50111C  | 2900 BOUL. CONCORDE                         | -                        | 0  | 0  | 0  | 0  |
| 50112C  | BOUL. LAURENTIDES                           | -                        | -  | -  | -  | -  |
| 50113R  | PIE X & CARDINAL                            | -                        | -  | -  | -  | -  |
| 50115C  | PEEL & MAISONNEUVE                          | -                        | -  | -  | -  | -  |
| 50203R  | HULL, QUEBEC<br>GAMBLIN & JOFFRE            | 0                        | 0  | -  | 0  | 0  |
| 50303I  | QUEBEC, QUEBEC<br>CENTRE LOISIRS LIMOILOU   | 0                        | 0  | 5  | 1  | -  |
| 50304C  | 155 DORCHESTER SUD                          | -                        | -  | -  | -  | -  |
| 50601C  | ROUYN, QUEBEC<br>HOTEL DE VILLE             | -                        | -  | -  | -  | -  |
| 50801R  | TROIS-RIVIERES, QUEBEC<br>HART & STE-CECILE | -                        | 1  | 0  | 1  | 0  |
| 50901R  | ARVIDA, QUEBEC<br>POWELL & HOOPES           | 0                        | 1  | 0  | 3  | 1  |
| 60101C  | OTTAWA, ONT.<br>88 SLATER ST.               | 2                        | -  | -  | 0  | 1  |
| 60104C  | RIDEAU & WURTEMBERG                         | 1                        | -  | 0  | 1  | -  |
| 60201I  | WINDSOR, ONT.<br>MORTON TERMINAL DOCK       | -                        | 3  | -  | 8  | -  |
| 60401C  | TORONTO, ONT.<br>67 COLLEGE STREET          | 3                        | 3  | -  | 2  | 0  |
| 60402R  | DON MILLS, SCIENCE CNTR                     | -                        | 2  | 0  | 0  | 0  |
| 60403I  | EVANS & ARNOLD                              | 2                        | 5  | 1  | -  | 0  |
| 60409R  | REDLANDS CRESCENT                           | 1                        | 2  | 4  | -  | 1  |
| 60410R  | LAWRENCE & KENNEDY                          | 0                        | -  | 0  | 0  | 0  |
| 60411R  | PHARMACY & HWY 401                          | 0                        | 2  | 2  | 1  | 2  |
| 60412R  | BATHURST & WILSON                           | 0                        | 9  | 5  | 2  | -  |
| 60413R  | ELMCREST ROAD                               | 0                        | 5  | -  | -  | 1  |
| 60501C  | HAMILTON, ONT.<br>BARTON & SANFORD          | -                        | 7  | -  | 6  | 5  |
| 60505R  | NORTH PARK                                  | 1                        | 1  | 4  | 4  | 1  |
| 60602R  | SUDBURY, ONT.<br>ASH STREET                 | -                        | -  | 1  | 3  | 0  |
| 60704C  | SAULT STE. MARIE, ONT.<br>445 ALBERT STREET | -                        | -  | -  | -  | -  |
| 60806R  | THUNDER BAY, ONT.<br>435 JAMES S.           | 0                        | 0  | 1  | 1  | 0  |
| 60901C  | LONDON, ONT.<br>KING & RECTORY              | 4                        | 2  | 1  | 2  | 0  |
| 61001C  | SARNIA, ONT.<br>156 VICTORIA STREET         | 4                        | -  | 8  | -  | 0  |
| 61103C  | PETERBOROUGH, ONT.<br>500 GEORGE STREET     | 0                        | 1  | 0  | 0  | 0  |
| 61201R  | CORNWALL, ONT.<br>MEMORIAL PARK             | -                        | 1  | 1  | -  | 0  |
| 61301C  | ST. CATHARINES, ONT.<br>NORTH ST. CITY YARD | 0                        | 1  | 0  | 0  | -  |

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

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

| STATION | LOCATION<br>EMPLACEMENT                    | *----- DAY / JOUR -----* |    |    |    |    |
|---------|--------------------------------------------|--------------------------|----|----|----|----|
|         |                                            | 6                        | 12 | 18 | 24 | 30 |
| 61401C  | BRANTFORD, ONT.<br>DALHOUSIE & QUEEN       | 0                        | 0  | -  | -  | -  |
| 61501C  | KITCHENER, ONT.<br>EDNA & FREDERICK        | 0                        | 0  | 0  | 0  | 0  |
| 61601R  | OAKVILLE, ONT.<br>REBECCA & WOODSIDE       | 0                        | 1  | 1  | 1  | -  |
| 70101C  | WINNIPEG, MAN.<br>270 OSBORNE STREET       | 0                        | 1  | -  | 0  | 0  |
| 70102R  | PORTAGE & WOODLAWN                         | -                        | -  | -  | -  | -  |
| 70104I  | UNION STOCK YARDS                          | -                        | -  | -  | -  | -  |
| 70118R  | JEFFERSON & SCOTIA                         | -                        | 0  | 1  | 0  | -  |
| 70201C  | BRANDON, MAN.<br>11TH ST. & PRINCESS AVE.  | 0                        | 0  | 0  | 0  | 0  |
| 80108C  | REGINA, SASK.<br>12TH & SMITH              | -                        | -  | -  | -  | 0  |
| 80202C  | SASKATOON, SASK.<br>CITY LIBRARY           | 1                        | -  | 0  | 0  | 0  |
| 80301C  | MOOSE JAW, SASK.<br>TELEPHONE BUILDING     | 0                        | 0  | 0  | -  | 0  |
| 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  |
| 90122R  | 127 ST. & 133 AVENUE                       | 0                        | 0  | 0  | 0  | 0  |
| 90130C  | 10255 - 104TH STREET                       | 0                        | -  | 0  | 0  | 0  |
| 90218I  | CALGARY, ALTA.<br>BONNY BRK & 18A ST. S.E. | 0                        | 0  | 0  | 0  | 0  |
| 90222R  | 39 ST. & 29 AVE. N.W.                      | 0                        | 0  | 0  | 0  | 0  |
| 00106R  | VANCOUVER, B.C.<br>2294 WEST 10TH AVENUE   | 0                        | 1  | 1  | 1  | -  |
| 00108I  | 250 WEST 70TH AVENUE                       | -                        | -  | -  | 0  | -  |
| 00109C  | 970 BURRARD                                | 2                        | 1  | 1  | -  | 1  |
| 00110R  | E. HASTINGS & KENSINGTON                   | 2                        | 1  | 1  | 1  | 1  |
| 00111I  | ROCKY PT. PARK                             | -                        | -  | -  | -  | 0  |
| 00201C  | PRINCE GEORGE, B.C.<br>1306-7TH AVENUE     | 0                        | -  | 0  | 0  | -  |
| 00301C  | VICTORIA, B.C.<br>POLICE STATION, FISGUARD | 0                        | 0  | 0  | 0  | -  |
| 09001C  | WHITEHORSE, YUKON<br>FEDERAL BUILDING      | -                        | 0  | 0  | -  | 0  |

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

JULY - JUILLET  
1977

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

| STATION                | LOCATION<br>EMPLACEMENT  | DUSTFALL<br>RETOMBÉES DE POUSSIÈRES | SO3    |
|------------------------|--------------------------|-------------------------------------|--------|
| SYDNEY, N.S.           |                          |                                     |        |
| 30301R                 | MURPHY ROAD              | -                                   | - **   |
| 30309I                 | PT EDWARD, RICHMOND PLST | 7.1                                 | 0.1 ** |
| 30310C                 | COUNTY JAIL              | 12.7                                | 0.9 ** |
| 30311R                 | WHITNEY PIER FIRE STN.   | 9.3                                 | - **   |
| GLACE BAY, N.S.        |                          |                                     |        |
| 30401R                 | LAKE ROAD                | 5.7                                 | 0.1 ** |
| 30405C                 | GENERAL HOSPITAL         | 5.3                                 | 0.4 ** |
| 30406R                 | PUMPING STATION ROAD     | 16.1                                | 0.2 ** |
| MONTREAL, QUEBEC       |                          |                                     |        |
| 50101R                 | PARC JARRY               | -                                   | - *    |
| 50102R                 | JARDIN BOTANIQUE         | -                                   | - *    |
| 50103R                 | POINTE-AUX-TREMBLES      | -                                   | - *    |
| 50106R                 | VILLE ST-LAURENT         | -                                   | - *    |
| 50107R                 | VILLE LASALLE            | -                                   | - *    |
| OTTAWA, ONT.           |                          |                                     |        |
| 60101C                 | 88 SLATER ST.            | 7.0                                 | -      |
| 60102R                 | EXPERIMENTAL FARM        | 9.7                                 | -      |
| 60103C                 | GILMOUR STREET           | 4.3                                 | -      |
| WINDSOR, ONT.          |                          |                                     |        |
| 60201I                 | MORTON TERMINAL DOCK     | -                                   | -      |
| 60202C                 | CITY HALL                | -                                   | -      |
| 60203R                 | TECUMSEH WATER WORKS     | -                                   | -      |
| 60209R                 | E. C. ROWE & JEFFERSON   | -                                   | -      |
| TORONTO, ONT.          |                          |                                     |        |
| 60401C                 | 67 COLLEGE STREET        | 6.3                                 | 0.2 *  |
| 60403I                 | EVANS & ARNOLD           | 4.4                                 | 0.2 *  |
| 60404R                 | 5126 YONGE STREET        | 4.4                                 | 0.2 *  |
| 60405I                 | JOHN STREET PUMP STATION | 14.0                                | 0.2 *  |
| 60406R                 | ROSEHILL RESERVOIR       | 5.1                                 | 0.2 *  |
| 60408C                 | DANFORTH & ROBINSON      | 10.0                                | 0.2 *  |
| HAMILTON, ONT.         |                          |                                     |        |
| 60501C                 | BARTON & SANFORD         | 14.3                                | 0.5 *  |
| 60502I                 | BURLINGTON & GAGE        | 5.7                                 | 0.7 *  |
| 60503I                 | CHATHAM & FRID           | 9.5                                 | 0.5 *  |
| 60507C                 | HUGHSON & HUNTER         | 7.7                                 | 0.4 *  |
| 60510I                 | STRATHEARN               | 17.6                                | 0.9 *  |
| SAULT STE. MARIE, ONT. |                          |                                     |        |
| 60702R                 | ANNA MCREE PUBLIC SCHOOL | -                                   | 0.4 *  |
| 60703I                 | BAYVIEW & YOUNG          | 13.9                                | 0.5 *  |
| THUNDER BAY, ONT.      |                          |                                     |        |
| 60801C                 | 14 ALGOMA STREET         | 5.0                                 | 0.2 *  |
| 60802I                 | 185 GORE STREET          | 5.8                                 | 0.2 *  |
| 60805C                 | 521 MEMORIAL AVENUE      | 6.0                                 | 0.3 *  |
| LONDON, ONT.           |                          |                                     |        |
| 60901C                 | KING & RECTORY           | 2.7                                 | 0.2 *  |
| SARNIA, ONT.           |                          |                                     |        |
| 61001C                 | 156 VICTORIA STREET      | 2.6                                 | 0.8 *  |
| WINNIPEG, MAN.         |                          |                                     |        |
| 70105R                 | MARTIN & HENDERSON HWY   | 7.6                                 | 0.0 ** |
| 70110C                 | KENNEDY & ST. MARY'S     | 11.6                                | -      |
| 70113I                 | WINDERMERE & ROCKMAN     | 9.5                                 | 0.0 ** |
| 70115C                 | PORTAGE & MINTO          | 33.7                                | 0.1 ** |
| 70116I                 | SMITH & KING             | 18.3                                | 0.1 ** |
| EDMONTON, ALTA.        |                          |                                     |        |
| 90125C                 | PRINS ELIZABETH & 108 ST | 4.9                                 | 0.1 ** |
| 90126R                 | 77 AVENUE & 85 STREET    | 7.8                                 | 0.1 ** |
| 90127I                 | 115 AVENUE & 159 STREET  | 17.7                                | 0.1 ** |
| 90128R                 | 99 AVENUE & 160 STREET   | 3.5                                 | 0.1 ** |
| 90129I                 | 101 AVENUE & 17 STREET   | -                                   | - **   |
| CALGARY, ALTA.         |                          |                                     |        |
| 90219C                 | 620-7TH AVENUE, S.W.     | 5.7                                 | 0.2 ** |
| 90221R                 | DALHOUSIE DR & DALHAM DR | 7.1                                 | 0.1 ** |
| 90223C                 | 11 ST. & 38 AVE. S.E.    | 5.3                                 | 0.2 ** |
| 90224I                 | OGDENDALE & 71 AVE S.E.  | 6.1                                 | 0.2 ** |
| 90225R                 | PALLISER DR & OAKWOOD SW | 10.8                                | 0.1 ** |
| 90226I                 | SHEPPARD & 84 AVE S.E.   | 1.8                                 | 0.1 ** |

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

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