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l'environnement

Monthly Summary June 1981



# National Air Pollution Surveillance

## Surveillance nationale de la pollution atmosphérique

Extrait mensuel juin 1981

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Surveillance Report  
EPS 5-AP-81-6

Air Pollution  
Control Directorate

Rapport de surveillance  
EPS 5-AP-81-6

Direction générale de  
l'assainissement de l'air

TD  
890  
C35  
no.  
81-6

Canada

SULPHUR DIOXIDE  
PARTS PER HUNDRED MILLIONJUNE - JUIN  
1981DIOXYDE DE SOUFRE  
PARTIES PAR CENT MILLIONS

| STATION | LOCATION<br>EMPLACEMENT                     | NUMBER OF<br>HOURLY SAMPLES<br>NOMBRE DE<br>DONNEES HORAIRES | MONTHLY<br>MEAN<br>MOYENNE<br>MENSUELLE | FREQUENCY DISTRIBUTIONS - CENTILES - DISTRIBUTIONS DES FREQUENCES |    |    |    | MEANS - MOYENNES |   |    |    |
|---------|---------------------------------------------|--------------------------------------------------------------|-----------------------------------------|-------------------------------------------------------------------|----|----|----|------------------|---|----|----|
|         |                                             |                                                              |                                         | INTERVALS - INTERVALLES                                           |    |    |    | 24-HOUR / HEURES |   |    |    |
|         |                                             |                                                              |                                         | 1-HOUR / HEURE                                                    |    |    |    | 70 95 99 MAX     |   |    |    |
| 10101C  | ST. JOHN'S, Nfld.<br>DUCKWORTH & ORDINANCE  | 603                                                          | ***                                     | 0                                                                 | 2  | 3  | 6  | 1                | 1 | 2  | 2  |
| 20101C  | CHARLOTTETOWN, P.E.I.<br>56 FITZROY ST.     | 649                                                          | ***                                     | 1                                                                 | 2  | 3  | 4  | 1                | 1 | 2  | 2  |
| 30114R  | HALIFAX, N.S.<br>MT ST VINCENT UNIVERSITY   | 335                                                          | ---                                     | 0                                                                 | 1  | 1  | 2  | 0                | 0 | 0  | 0  |
| 30115I  | CPB SHEARWATER                              | 561                                                          | ***                                     | 0                                                                 | 1  | 2  | 3  | 0                | 0 | 1  | 1  |
| 30116C  | BARRINGTON & DUKE                           | 599                                                          | 1.2                                     | 1                                                                 | 3  | 5  | 9  | 2                | 2 | 3  | 3  |
| 30310C  | SYDNEY, N.S.<br>COUNTY JAIL                 | 646                                                          | ***                                     | 0                                                                 | 2  | 3  | 4  | 0                | 1 | 1  | 1  |
| 30311R  | WHITNEY PIER FIRE STN.                      | 398                                                          | ***                                     | 0                                                                 | 2  | 4  | 9  | 0                | 1 | 1  | 1  |
| 30408R  | GLACE BAY, N.S.<br>SOUTH STREET             | 594                                                          | 1.3                                     | 0                                                                 | 8  | 22 | 87 | 1                | 6 | 12 | 12 |
| 40202C  | SAINT JOHN, N.B.<br>POST OFFICE             | 105                                                          | ---                                     | 1                                                                 | 12 | 18 | 28 | 3                | 3 | 3  | 3  |
| 50101R  | MONTREAL, QUEBEC<br>PARC JARRY              | 695                                                          | ***                                     | 1                                                                 | 1  | 2  | 3  | 1                | 1 | 1  | 1  |
| 50102R  | JARDIN BOTANIQUE                            | 443                                                          | ***                                     | 1                                                                 | 2  | 5  | 8  | 1                | 2 | 2  | 2  |
| 50103R  | POINTE-AUX-TREMBLES                         | 673                                                          | 1.5                                     | 1                                                                 | 6  | 11 | 18 | 2                | 4 | 5  | 5  |
| 50104C  | 1125 ONTARIO EST                            | 551                                                          | ***                                     | 1                                                                 | 2  | 3  | 5  | 1                | 2 | 2  | 2  |
| 50105C  | 1212 DRUMMOND                               | 652                                                          | ***                                     | 1                                                                 | 2  | 3  | 4  | 1                | 1 | 2  | 2  |
| 50106R  | VILLE ST-LAURENT                            | 718                                                          | ***                                     | 0                                                                 | 0  | 1  | 1  | 0                | 0 | 0  | 0  |
| 50109C  | DUNCAN & DECARIE                            | 354                                                          | ---                                     | 1                                                                 | 1  | 2  | 4  | 1                | 1 | 2  | 2  |
| 50110C  | PARC PILON, MTL.-NORD                       | 712                                                          | ***                                     | 0                                                                 | 1  | 1  | 2  | 0                | 0 | 1  | 1  |
| 50111C  | 2900 BOUL. CONCORDE                         | 0                                                            | ---                                     | -                                                                 | -  | -  | -  | -                | - | -  | -  |
| 50112C  | BOUL. LAURENTIDES                           | 369                                                          | ***                                     | 0                                                                 | 1  | 2  | 4  | 0                | 1 | 1  | 1  |
| 50113R  | PIE X & CARDINAL                            | 615                                                          | ***                                     | 0                                                                 | 1  | 1  | 2  | 0                | 1 | 1  | 1  |
| 50115C  | METCALFE & MAISONNEUVE                      | 0                                                            | ---                                     | -                                                                 | -  | -  | -  | -                | - | -  | -  |
| 50116R  | 3161 JOSEPH, VERDUN                         | 720                                                          | ***                                     | 1                                                                 | 1  | 3  | 6  | 1                | 1 | 2  | 2  |
| 50203R  | HULL, QUEBEC<br>GAMBLIN & JOFFRE            | 662                                                          | ***                                     | 0                                                                 | 1  | 2  | 4  | 0                | 1 | 1  | 1  |
| 50303I  | QUEBEC, QUEBEC<br>CENTRE LOISIRS LIMOILLOU  | 0                                                            | ---                                     | -                                                                 | -  | -  | -  | -                | - | -  | -  |
| 50304C  | 325 DORCHESTER SUD                          | 636                                                          | ***                                     | 1                                                                 | 3  | 6  | 8  | 1                | 2 | 2  | 2  |
| 50306R  | 2026 BLVD. ST-CYRILLE                       | 519                                                          | ***                                     | 0                                                                 | 1  | 3  | 6  | 0                | 1 | 1  | 1  |
| 50601C  | ROUYN, QUEBEC<br>HOTEL DE VILLE             | 618                                                          | ***                                     | 0                                                                 | 2  | 14 | 26 | 1                | 4 | 6  | 6  |
| 50701C  | SEPT-ILES, QUEBEC<br>HOTEL DE VILLE         | 616                                                          | ***                                     | 0                                                                 | 1  | 1  | 2  | 0                | 1 | 1  | 1  |
| 50801R  | TROIS-RIVIERES, QUEBEC<br>HART & STE-CECILE | 629                                                          | ***                                     | 1                                                                 | 2  | 3  | 46 | 1                | 2 | 4  | 4  |
| 50901R  | ARVIDA, QUEBEC<br>POWELL & HOOPES           | 616                                                          | 1.8                                     | 1                                                                 | 12 | 19 | 23 | 2                | 8 | 14 | 15 |
| 51001R  | TRACY, QUEBEC<br>3225 AVE COURSHESNE        | 616                                                          | ***                                     | 0                                                                 | 1  | 3  | 7  | 0                | 1 | 1  | 1  |
| 51201I  | SHAWINIGAN, QUEBEC<br>FRIGON & LAVAL        | 624                                                          | 1.4                                     | 1                                                                 | 6  | 12 | 21 | 2                | 4 | 6  | 6  |
| 51301R  | BAIE COMEAU, QUEBEC<br>39 AVE. MARGUETTE    | 378                                                          | ***                                     | 0                                                                 | 1  | 4  | 9  | 0                | 1 | 2  | 2  |
| 60101C  | OTTAWA, ONT.<br>38 SLATER ST.               | 598                                                          | ***                                     | 1                                                                 | 2  | 3  | 5  | 1                | 1 | 2  | 2  |
| 60104C  | RIDEAU & WURTEMBERG                         | 690                                                          | ***                                     | 0                                                                 | 0  | 2  | 10 | 0                | 0 | 1  | 1  |
| 60105R  | NRC, MONTREAL ROAD                          | 656                                                          | ***                                     | 1                                                                 | 1  | 1  | 1  | 0                | 1 | 1  | 1  |
| 60201I  | WINDSOR, ONT.<br>MORTON TERMINAL DOCK       | 718                                                          | ***                                     | 1                                                                 | 3  | 5  | 14 | 1                | 2 | 2  | 3  |
| 60204C  | 471 UNIVERSITY AVENUE                       | 702                                                          | ***                                     | 1                                                                 | 3  | 5  | 27 | 1                | 2 | 4  | 4  |
| 60211R  | COLLEGE & PRINCE                            | 520                                                          | 1.1                                     | 1                                                                 | 3  | 6  | 9  | 2                | 2 | 2  | 2  |
| 60302R  | KINGSTON, ONT.<br>NAPIER STREET             | 0                                                            | ---                                     | -                                                                 | -  | -  | -  | -                | - | -  | -  |
| 60401C  | TORONTO, ONT.<br>67 COLLEGE STREET          | 401                                                          | ***                                     | 0                                                                 | 1  | 3  | 5  | 0                | 1 | 1  | 1  |
| 60402R  | DON MILLS, SCIENCE CNTR                     | 488                                                          | ***                                     | 1                                                                 | 2  | 3  | 4  | 1                | 2 | 2  | 2  |
| 60403I  | EVANS & ARNOLD                              | 648                                                          | ***                                     | 0                                                                 | 1  | 4  | 10 | 1                | 1 | 1  | 1  |
| 60409R  | REDLANDS CRESCENT                           | 713                                                          | ***                                     | 0                                                                 | 1  | 2  | 2  | 1                | 1 | 2  | 2  |
| 60410R  | LAWRENCE & KENNEDY                          | 697                                                          | 1.2                                     | 2                                                                 | 3  | 4  | 6  | 2                | 2 | 3  | 3  |

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

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

SULPHUR DIOXIDE  
PARTS PER HUNDRED MILLIONJUNE - JUIN  
1981DIOXYDE 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 |
| 60412R  | BATHURST & WILSON                              | 599                                                          | ***                                     | 1                                    | 3  | 5              | 10  | 1                            | 2  | 2                | 2   |
| 60413R  | ELMCREST ROAD                                  | 704                                                          | ***                                     | 0                                    | 2  | 3              | 6   | 1                            | 2  | 2                | 2   |
| 60414I  | SHERBOURNE & WILTON ST.                        | 703                                                          | ***                                     | 0                                    | 0  | 2              | 9   | 0                            | 1  | 2                | 2   |
| 60415R  | QUEENSWAY W & HURONTARIO                       | 270                                                          | ---                                     | 0                                    | 2  | 4              | 6   | 1                            | 2  | 2                | 2   |
| 60417C  | 26 BREADALBANE                                 | 252                                                          | ---                                     | 1                                    | 3  | 3              | 5   | 1                            | 2  | 2                | 2   |
| 60501C  | HAMILTON, ONT.<br>BARTON & SANFORD             | 701                                                          | 1.0                                     | 1                                    | 5  | 8              | 12  | 1                            | 3  | 5                | 5   |
| 60505R  | NORTH PARK                                     | 639                                                          | ***                                     | 1                                    | 4  | 5              | 8   | 1                            | 3  | 4                | 4   |
| 60602R  | SUDBURY, ONT.<br>ASH STREET                    | 682                                                          | 1.5                                     | 1                                    | 7  | 17             | 30  | 2                            | 4  | 6                | 7   |
| 60606C  | KENNEDY STREET                                 | 640                                                          | 1.9                                     | 2                                    | 9  | 21             | 45  | 3                            | 6  | 9                | 10  |
| 60704C  | SAULT STE. MARIE, ONT.<br>QUEEN & ELGIN        | 0                                                            | ---                                     | -                                    | -  | -              | -   | -                            | -  | -                | -   |
| 60806R  | THUNDER BAY, ONT.<br>435 JAMES S.              | 703                                                          | ***                                     | 0                                    | 0  | 2              | 4   | 0                            | 0  | 1                | 1   |
| 60901C  | LONDON, ONT.<br>KING & RECTORY                 | 698                                                          | ***                                     | 1                                    | 2  | 3              | 3   | 1                            | 2  | 2                | 2   |
| 61004R  | SARNIA, ONT.<br>FRONT ST. AT C.N. TRACKS       | 691                                                          | 1.3                                     | 1                                    | 5  | 14             | 19  | 2                            | 4  | 5                | 6   |
| 61103C  | PETERBOROUGH, ONT.<br>500 GEORGE STREET        | 204                                                          | ---                                     | 0                                    | 0  | 0              | 1   | 0                            | 0  | 0                | 0   |
| 61201R  | CORNWALL, ONT.<br>MEMORIAL PARK                | 690                                                          | 1.1                                     | 1                                    | 4  | 8              | 15  | 2                            | 3  | 5                | 5   |
| 61301C  | ST. CATHARINES, ONT.<br>NORTH ST. & GENEVA ST. | 661                                                          | 1.3                                     | 2                                    | 4  | 7              | 13  | 2                            | 3  | 4                | 4   |
| 61501C  | KITCHENER, ONT.<br>EDNA & FREDERICK            | 712                                                          | ***                                     | 0                                    | 1  | 2              | 3   | 0                            | 1  | 1                | 1   |
| 61602R  | OAKVILLE, ONT.<br>BRONTE AND WOBURN CRES.      | 680                                                          | ***                                     | 0                                    | 2  | 6              | 7   | 0                            | 2  | 3                | 3   |
| 61701R  | OSHAWA, ONT.<br>RITSON RD. & OLIVE AVE.        | 677                                                          | ***                                     | 0                                    | 0  | 1              | 2   | 0                            | 0  | 1                | 1   |
| 61801C  | GUELPH, ONT.<br>FARQUHAR & WYNDHAM             | 0                                                            | ---                                     | -                                    | -  | -              | -   | -                            | -  | -                | -   |
| 70118R  | WINNIPEG, MAN.<br>JEFFERSON & SCOTIA           | 605                                                          | ***                                     | 0                                    | 0  | 2              | 5   | 0                            | 0  | 1                | 1   |
| 70119C  | 85 ELLEN STREET                                | 673                                                          | ***                                     | 0                                    | 0  | 1              | 4   | 0                            | 0  | 0                | 0   |
| 70120R  | 604 ST. MARY'S RD.                             | 682                                                          | ***                                     | 0                                    | 0  | 2              | 3   | 0                            | 0  | 0                | 0   |
| 80109C  | REGINA, SASK.<br>1620 ALBERT STREET            | 0                                                            | ---                                     | -                                    | -  | -              | -   | -                            | -  | -                | -   |
| 80209C  | SASKATOON, SASK.<br>IDYLWYLD DR. & 33RD ST.    | 609                                                          | ***                                     | 0                                    | 0  | 0              | 0   | 0                            | 0  | 0                | 0   |
| 80301C  | MOOSE JAW, SASK.<br>FAIRFORD ST. & 1ST AVE.    | 338                                                          | ---                                     | 0                                    | 0  | 0              | 0   | 0                            | 0  | 0                | 0   |
| 80401C  | PRINCE ALBERT, SASK.<br>1257-1ST AVE. EAST     | 635                                                          | ***                                     | 0                                    | 0  | 0              | 0   | 0                            | 0  | 0                | 0   |
| 90121I  | EDMONTON, ALTA.<br>17 STREET & 105 AVENUE      | 686                                                          | ***                                     | 0                                    | 1  | 1              | 5   | 0                            | 1  | 1                | 1   |
| 90218I  | CALGARY, ALTA.<br>BONNY BRK & 18A ST. S.E.     | 693                                                          | ***                                     | 0                                    | 0  | 1              | 3   | 0                            | 0  | 0                | 0   |
| 90222R  | 39 ST. & 29 AVE. N.W.                          | 691                                                          | ***                                     | 0                                    | 0  | 0              | 2   | 0                            | 0  | 0                | 0   |
| 90227C  | 1611-4TH STREET S.W.                           | 700                                                          | ***                                     | 0                                    | 0  | 0              | 0   | 0                            | 0  | 0                | 0   |
| 00106R  | VANCOUVER, B.C.<br>2294 WEST 10TH AVENUE       | 671                                                          | ***                                     | 1                                    | 1  | 1              | 2   | 1                            | 1  | 1                | 1   |
| 00110R  | E. HASTINGS & KENSINGTON                       | 501                                                          | ***                                     | 0                                    | 1  | 1              | 4   | 0                            | 1  | 1                | 1   |
| 00111I  | ROCKY PT. PARK                                 | 662                                                          | ***                                     | 1                                    | 1  | 3              | 6   | 1                            | 1  | 1                | 2   |
| 00112C  | ROBSON/HORNEY                                  | 480                                                          | ***                                     | 1                                    | 1  | 2              | 3   | 1                            | 1  | 1                | 1   |
| 00302C  | VICTORIA, B.C.<br>1106 COOK ST.                | 0                                                            | ---                                     | -                                    | -  | -              | -   | -                            | -  | -                | -   |
| 00401C  | KAMLOOPS, B.C.<br>301 SEYMOUR ST.              | 653                                                          | ***                                     | 0                                    | 0  | 0              | 0   | 0                            | 0  | 0                | 0   |

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CARBON MONOXIDE  
PARTS PER MILLIONJUNE - JUIN  
1981MONOXYDE 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 |     |       |     | CENTILES - DISTRIBUTIONS DES FREQUENCES |     |                  |     | CENTILES - DISTRIBUTIONS DES FREQUENCES |     |       |     |
|---------|------------------------------------------------|--------------------------------------------------------------|-----------------------------------------|-------------------------------------------------------------------|-----|-------|-----|-----------------------------------------|-----|------------------|-----|-----------------------------------------|-----|-------|-----|
|         |                                                |                                                              |                                         | INTERVALS - INTERVALLES                                           |     | MEANS |     | 8-HOUR / HEURES                         |     | 24-HOUR / HEURES |     | MEANS                                   |     | MEANS |     |
|         |                                                |                                                              |                                         | 70                                                                | 95  | 99    | MAX | 70                                      | 95  | 99               | MAX | 70                                      | 95  | 99    | MAX |
| 10101C  | ST. JOHN'S, NFLD.<br>DUCKWORTH & ORDINANCE     | 652                                                          | ***                                     | 1                                                                 | 1   | 1     | 2   | 1                                       | 1   | 1                | 1   | 1                                       | 1   | 1     | 1   |
| 30116C  | HALIFAX, N.S.<br>BARRINGTON & DUKE             | 712                                                          | 2.8                                     | 3                                                                 | 9   | 12    | 13  | 3                                       | 7   | 10               | 11  | 3                                       | 6   | 6     | 6   |
| 40202C  | SAINT JOHN, N.B.<br>POST OFFICE                | 371                                                          | ***                                     | 0                                                                 | 0   | 2     | 6   | 0                                       | 1   | 1                | 1   | 0                                       | 0   | 0     | 1   |
| 50103R  | MONTREAL, QUEBEC<br>POINTE-AUX-TREMBLES        | 717                                                          | 0.9                                     | 1                                                                 | 2   | 2     | 3   | 1                                       | 2   | 2                | 2   | 1                                       | 1   | 2     | 2   |
| 50104C  | 1125 ONTARIO EST                               | 708                                                          | 2.4                                     | 3                                                                 | 5   | 6     | 8   | 3                                       | 4   | 5                | 6   | 3                                       | 4   | 5     | 5   |
| 50109C  | DUNCAN & DECARIE                               | 713                                                          | 2.3                                     | 3                                                                 | 5   | 8     | 11  | 3                                       | 5   | 5                | 6   | 3                                       | 4   | 4     | 4   |
| 50110C  | PARC PILON, MTL.-NORD                          | 693                                                          | 1.1                                     | 1                                                                 | 3   | 6     | 10  | 1                                       | 3   | 4                | 5   | 1                                       | 2   | 3     | 3   |
| 50111C  | 2900 BOUL. CONCORDE                            | 0                                                            | ---                                     | ---                                                               | --- | ---   | --- | ---                                     | --- | ---              | --- | ---                                     | --- | ---   | --- |
| 50112C  | BOUL. LAURENTIDES                              | 559                                                          | ***                                     | 0                                                                 | 1   | 2     | 4   | 0                                       | 1   | 2                | 2   | 1                                       | 1   | 1     | 1   |
| 50113R  | PIE X & CARDINAL                               | 713                                                          | 0.5                                     | 1                                                                 | 1   | 2     | 3   | 1                                       | 1   | 2                | 2   | 1                                       | 1   | 1     | 1   |
| 50114C  | 677 STE-CATHERINE O.                           | 690                                                          | 2.4                                     | 3                                                                 | 5   | 8     | 9   | 3                                       | 5   | 7                | 7   | 3                                       | 5   | 5     | 5   |
| 50115C  | METCALFE & MAISONNEUVE                         | 0                                                            | ---                                     | ---                                                               | --- | ---   | --- | ---                                     | --- | ---              | --- | ---                                     | --- | ---   | --- |
| 50116R  | 3161 JOSEPH, VERDUN                            | 720                                                          | ***                                     | 1                                                                 | 1   | 2     | 3   | 1                                       | 1   | 2                | 2   | 1                                       | 1   | 1     | 1   |
| 50203R  | HULL, QUEBEC<br>GAMELIN & JOFFRE               | 702                                                          | ***                                     | 1                                                                 | 1   | 1     | 2   | 1                                       | 1   | 1                | 1   | 1                                       | 1   | 1     | 1   |
| 50304C  | QUEBEC, QUEBEC<br>325 DORCHESTER SUD           | 703                                                          | 1.2                                     | 1                                                                 | 3   | 4     | 6   | 1                                       | 2   | 3                | 3   | 1                                       | 2   | 2     | 3   |
| 60101C  | OTTAWA, ONT.<br>88 SLATER ST.                  | 704                                                          | 1.9                                     | 2                                                                 | 5   | 7     | 9   | 2                                       | 4   | 5                | 5   | 2                                       | 3   | 3     | 3   |
| 60104C  | RIDEAU & WURTEMBERG                            | 691                                                          | 0.9                                     | 1                                                                 | 1   | 2     | 4   | 1                                       | 1   | 1                | 2   | 1                                       | 1   | 1     | 1   |
| 60204C  | WINDSOR, ONT.<br>471 UNIVERSITY AVENUE         | 697                                                          | 0.7                                     | 1                                                                 | 2   | 3     | 10  | 1                                       | 2   | 3                | 3   | 1                                       | 2   | 2     | 2   |
| 60401C  | TORONTO, ONT.<br>67 COLLEGE STREET             | 249                                                          | ---                                     | 6                                                                 | 8   | 11    | 15  | 6                                       | 8   | 9                | 9   | 6                                       | 7   | 7     | 7   |
| 60402R  | DON MILLS, SCIENCE CNTR                        | 494                                                          | 0.7                                     | 1                                                                 | 2   | 4     | 5   | 1                                       | 2   | 4                | 4   | 1                                       | 2   | 3     | 3   |
| 60403I  | EVANS & ARNOLD                                 | 649                                                          | 1.9                                     | 2                                                                 | 3   | 4     | 6   | 2                                       | 3   | 3                | 4   | 2                                       | 3   | 3     | 3   |
| 60410R  | LAWRENCE & KENNEDY                             | 706                                                          | 1.5                                     | 2                                                                 | 3   | 5     | 7   | 2                                       | 3   | 4                | 5   | 2                                       | 2   | 3     | 4   |
| 60412R  | BATHURST & WILSON                              | 704                                                          | 1.5                                     | 2                                                                 | 4   | 5     | 11  | 2                                       | 3   | 4                | 4   | 2                                       | 2   | 3     | 3   |
| 60413R  | ELMCREST ROAD                                  | 703                                                          | 0.7                                     | 1                                                                 | 2   | 3     | 5   | 1                                       | 2   | 2                | 3   | 1                                       | 2   | 2     | 2   |
| 60414I  | SHERBOURNE & WILTON ST.                        | 511                                                          | 1.3                                     | 1                                                                 | 3   | 4     | 5   | 1                                       | 2   | 3                | 4   | 1                                       | 2   | 3     | 3   |
| 60415R  | QUEENSWAY W & HURONTARIO                       | 713                                                          | 2.0                                     | 2                                                                 | 6   | 8     | 12  | 2                                       | 4   | 7                | 9   | 2                                       | 4   | 5     | 5   |
| 60416C  | 381 YONGE STREET                               | 719                                                          | 5.0                                     | 5                                                                 | 13  | 22    | 39  | 6                                       | 11  | 16               | 23  | 6                                       | 9   | 11    | 11  |
| 60417C  | 26 BREADALBANE                                 | 0                                                            | ---                                     | ---                                                               | --- | ---   | --- | ---                                     | --- | ---              | --- | ---                                     | --- | ---   | --- |
| 60501C  | HAMILTON, ONT.<br>BARTON & SANFORD             | 699                                                          | 0.7                                     | 1                                                                 | 2   | 3     | 5   | 1                                       | 2   | 2                | 3   | 1                                       | 2   | 2     | 2   |
| 60602R  | SUDBURY, ONT.<br>ASH STREET                    | 625                                                          | ***                                     | 0                                                                 | 0   | 0     | 4   | 0                                       | 0   | 1                | 1   | 0                                       | 0   | 0     | 0   |
| 60901C  | LONDON, ONT.<br>KING & RECTORY                 | 683                                                          | ***                                     | 0                                                                 | 1   | 2     | 5   | 0                                       | 1   | 1                | 2   | 0                                       | 1   | 1     | 1   |
| 61004R  | SARNIA, ONT.<br>FRONT ST. AT C.N. TRACKS       | 679                                                          | ***                                     | 0                                                                 | 1   | 2     | 5   | 0                                       | 1   | 1                | 1   | 0                                       | 0   | 1     | 1   |
| 61201R  | CORNWALL, ONT.<br>MEMORIAL PARK                | 696                                                          | 1.3                                     | 1                                                                 | 2   | 2     | 3   | 1                                       | 2   | 2                | 2   | 1                                       | 2   | 2     | 2   |
| 61301C  | ST. CATHARINES, ONT.<br>NORTH ST. & GENEVA ST. | 504                                                          | 0.7                                     | 1                                                                 | 2   | 3     | 4   | 1                                       | 2   | 2                | 2   | 1                                       | 1   | 2     | 2   |
| 61501C  | KITCHENER, ONT.<br>EDNA & FREDERICK            | 717                                                          | 0.8                                     | 1                                                                 | 2   | 3     | 4   | 1                                       | 2   | 2                | 3   | 1                                       | 1   | 2     | 2   |
| 61602R  | OAKVILLE, ONT.<br>BRONTE AND WOBURN CRES.      | 707                                                          | 3.2                                     | 4                                                                 | 6   | 7     | 9   | 4                                       | 6   | 7                | 7   | 4                                       | 5   | 6     | 6   |
| 61701R  | OSHAWA, ONT.<br>RITSON RD. & OLIVE AVE.        | 676                                                          | 2.1                                     | 3                                                                 | 4   | 5     | 6   | 3                                       | 3   | 4                | 4   | 2                                       | 3   | 3     | 3   |
| 70118R  | WINNIPEG, MAN.<br>JEFFERSON & SCOTIA           | 12                                                           | ---                                     | 1                                                                 | 1   | 1     | 1   | ---                                     | --- | ---              | --- | ---                                     | --- | ---   | --- |
| 70119C  | 65 ELLEN STREET                                | 671                                                          | 0.7                                     | 1                                                                 | 2   | 2     | 7   | 1                                       | 1   | 2                | 2   | 1                                       | 1   | 1     | 2   |
| 70120R  | 504 ST. MARY'S RD.                             | 679                                                          | ***                                     | 1                                                                 | 1   | 2     | 4   | 0                                       | 1   | 1                | 2   | 0                                       | 1   | 1     | 1   |
| 80109C  | REGINA, SASK.<br>1620 ALBERT STREET            | 0                                                            | ---                                     | ---                                                               | --- | ---   | --- | ---                                     | --- | ---              | --- | ---                                     | --- | ---   | --- |
| 80209C  | SASKATOON, SASK.<br>IDYLYWLD DR. & 33RD ST.    | 712                                                          | 0.5                                     | 1                                                                 | 2   | 3     | 4   | 1                                       | 1   | 2                | 3   | 1                                       | 1   | 1     | 2   |

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

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

CARBON MONOXIDE  
PARTS PER MILLIONJUNE - JUIN  
1981MONOXYDE DE CARBONE  
PARTIES PAR MILLION

| STATION | LOCATION                 | NUMBER OF<br>HOURLY SAMPLES<br>NOMBRE DE<br>DONNEES HORAIRES | MONTHLY<br>MEAN<br>MOYENNE<br>MENSUELLE | FREQUENCY DISTRIBUTIONS - CENTILES - DISTRIBUTIONS DES FREQUENCES |    |    |    |                      |                    |    |    |                      |     |                     |    |    |    |     |
|---------|--------------------------|--------------------------------------------------------------|-----------------------------------------|-------------------------------------------------------------------|----|----|----|----------------------|--------------------|----|----|----------------------|-----|---------------------|----|----|----|-----|
|         | EMPLACEMENT              |                                                              |                                         | INTERVALS - INTERVALLES                                           |    |    |    | MEANS ----- MOYENNES |                    |    |    | MEANS ----- MOYENNES |     |                     |    |    |    |     |
|         |                          |                                                              |                                         | 1-HOUR /<br>HEURE                                                 | 70 | 95 | 99 | MAX                  | 8-HOUR /<br>HEURES | 70 | 95 | 99                   | MAX | 24-HOUR /<br>HEURES | 70 | 95 | 99 | MAX |
|         | EDMONTON, ALTA.          |                                                              |                                         |                                                                   |    |    |    |                      |                    |    |    |                      |     |                     |    |    |    |     |
| 90121I  | 17 STREET & 105 AVENUE   | 700                                                          | 1.0                                     | 1                                                                 | 2  | 3  | 5  | 1                    | 2                  | 2  | 2  | 1                    | 1   | 2                   | 2  |    |    |     |
| 90122R  | 127 ST. & 133 AVENUE     | 696                                                          | 0.8                                     | 1                                                                 | 2  | 4  | 4  | 1                    | 2                  | 2  | 3  | 1                    | 1   | 1                   | 1  |    |    |     |
| 90130C  | 10255 - 104TH STREET     | 708                                                          | 1.5                                     | 2                                                                 | 3  | 4  | 6  | 2                    | 3                  | 3  | 4  | 2                    | 2   | 2                   | 2  |    |    |     |
|         | CALGARY, ALTA.           |                                                              |                                         |                                                                   |    |    |    |                      |                    |    |    |                      |     |                     |    |    |    |     |
| 90222R  | 39 ST. & 29 AVE. N.W.    | 700                                                          | ***                                     | 1                                                                 | 1  | 2  | 3  | 1                    | 1                  | 1  | 1  | 0                    | 1   | 1                   | 1  |    |    |     |
| 90227C  | 1611-4TH STREET S.W.     | 690                                                          | 1.7                                     | 2                                                                 | 4  | 6  | 8  | 2                    | 3                  | 4  | 5  | 2                    | 3   | 3                   | 3  |    |    |     |
|         | VANCOUVER, B.C.          |                                                              |                                         |                                                                   |    |    |    |                      |                    |    |    |                      |     |                     |    |    |    |     |
| 00106R  | 2294 WEST 10TH AVENUE    | 0                                                            | ---                                     | -                                                                 | -  | -  | -  | -                    | -                  | -  | -  | -                    | -   | -                   | -  |    |    |     |
| 00108I  | 250 WEST 70TH AVENUE     | 392                                                          | ***                                     | 1                                                                 | 1  | 2  | 4  | 1                    | 1                  | 2  | 2  | 0                    | 1   | 1                   | 1  |    |    |     |
| 00110R  | E. HASTINGS & KENSINGTON | 600                                                          | 0.7                                     | 1                                                                 | 1  | 2  | 3  | 1                    | 1                  | 2  | 2  | 1                    | 1   | 1                   | 1  |    |    | 2   |
| 00111I  | ROCKY PT. PARK           | 637                                                          | 0.6                                     | 1                                                                 | 1  | 2  | 2  | 1                    | 1                  | 1  | 1  | 1                    | 1   | 1                   | 1  |    |    |     |
| 00112C  | ROBSON/HORNBY            | 0                                                            | ---                                     | -                                                                 | -  | -  | -  | -                    | -                  | -  | -  | -                    | -   | -                   | -  |    |    |     |
|         | VICTORIA, B.C.           |                                                              |                                         |                                                                   |    |    |    |                      |                    |    |    |                      |     |                     |    |    |    |     |
| 00302C  | 1106 COOK ST.            | 667                                                          | 1.3                                     | 2                                                                 | 3  | 4  | 7  | 2                    | 3                  | 4  | 4  | 2                    | 2   | 3                   | 3  |    |    |     |

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LES MOYENNES SONT INFÉRIEURES À 500 PARTIES PAR BILLION.

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

NITROGEN DIOXIDE  
PARTS PER HUNDRED MILLION

JUNE - JUIN  
1981

DIOXYDE D'AZOTE  
PARTIES PAR CENT MILLIONS

| STATION | LOCATION<br>EMPLACEMENT  | NUMBER OF<br>HOURLY SAMPLES<br>NOMBRE DE<br>DONNEES HORAIRES | MONTHLY<br>MEAN<br>MOYENNE<br>MENSUELLE | FREQUENCY DISTRIBUTIONS - CENTILES - DISTRIBUTIONS DES FREQUENCES |    |                |     | MEANS - MOYENNES |    |    |     |
|---------|--------------------------|--------------------------------------------------------------|-----------------------------------------|-------------------------------------------------------------------|----|----------------|-----|------------------|----|----|-----|
|         |                          |                                                              |                                         | INTERVALS - INTERVALLES                                           |    | 1-HOUR / HEURE |     | 24-HOUR / HEURES |    |    |     |
|         |                          |                                                              |                                         | 70                                                                | 95 | 99             | MAX | 70               | 95 | 99 | MAX |
| 30115I  | HALIFAX, N.S.            | 554                                                          | ***                                     | 0                                                                 | 1  | 2              | 2   | 0                | 1  | 1  | 1   |
| 30116C  | CFB SHEARWATER           | 718                                                          | 4.5                                     | 6                                                                 | 8  | 9              | 12  | 5                | 6  | 6  | 6   |
| 40202C  | BARRINGTON & DUKE        |                                                              |                                         |                                                                   |    |                |     |                  |    |    |     |
|         | SAINT JOHN, N.B.         | 372                                                          | ***                                     | 1                                                                 | 2  | 3              | 5   | 1                | 1  | 1  | 1   |
|         | POST OFFICE              |                                                              |                                         |                                                                   |    |                |     |                  |    |    |     |
|         | MONTREAL, QUEBEC         |                                                              |                                         |                                                                   |    |                |     |                  |    |    |     |
| 50102R  | JARDIN BOTANIQUE         | 10                                                           | ---                                     | 4                                                                 | 5  | 5              | 5   | -                | -  | -  | -   |
| 50104C  | 1125 ONTARIO EST         | 720                                                          | 2.8                                     | 3                                                                 | 5  | 6              | 7   | 3                | 4  | 4  | 4   |
| 50109C  | DUNCAN & DECARIE         | 0                                                            | ---                                     | -                                                                 | -  | -              | -   | -                | -  | -  | -   |
| 50110C  | PARC PILON, MTL.-NORD    | 224                                                          | ---                                     | 4                                                                 | 5  | 6              | 8   | 4                | 4  | 4  | 4   |
| 50111C  | 2900 BOUL. CONCORDE      | 0                                                            | ---                                     | -                                                                 | -  | -              | -   | -                | -  | -  | -   |
| 50112C  | BOUL. LAURENTIDES        | 77                                                           | ---                                     | 3                                                                 | 22 | 27             | 27  | 3                | 9  | 11 | 11  |
| 50113R  | PIE X & CARDINAL         | 713                                                          | 1.9                                     | 2                                                                 | 4  | 5              | 5   | 2                | 3  | 3  | 3   |
| 50115C  | METCALFE & MAISONNEUVE   | 0                                                            | ---                                     | -                                                                 | -  | -              | -   | -                | -  | -  | -   |
| 50116R  | 3161 JOSEPH, VERDUN      | 720                                                          | 1.5                                     | 2                                                                 | 3  | 4              | 6   | 2                | 3  | 3  | 3   |
| 50203R  | HULL, QUEBEC             |                                                              |                                         |                                                                   |    |                |     |                  |    |    |     |
|         | GAMBLIN & JOFFRE         | 700                                                          | 1.1                                     | 1                                                                 | 3  | 3              | 4   | 1                | 2  | 2  | 2   |
| 50304C  | QUEBEC, QUEBEC           | 598                                                          | 2.7                                     | 3                                                                 | 5  | 6              | 6   | 3                | 4  | 4  | 4   |
|         | 325 DORCHESTER SUD       |                                                              |                                         |                                                                   |    |                |     |                  |    |    |     |
| 60101C  | OTTAWA, ONT.             | 701                                                          | 1.3                                     | 2                                                                 | 3  | 4              | 5   | 2                | 2  | 3  | 3   |
| 60104C  | 88 SLATER ST.            | 694                                                          | 1.2                                     | 2                                                                 | 3  | 5              | 7   | 2                | 2  | 3  | 3   |
| 60105R  | RIDEAU & WURTEMBURG      | 717                                                          | 1.4                                     | 2                                                                 | 4  | 5              | 5   | 2                | 2  | 3  | 3   |
|         | NRG, MONTREAL ROAD       |                                                              |                                         |                                                                   |    |                |     |                  |    |    |     |
| 60204C  | WINDSOR, ONT.            | 702                                                          | 3.0                                     | 3                                                                 | 6  | 7              | 10  | 3                | 5  | 5  | 5   |
|         | 471 UNIVERSITY AVENUE    |                                                              |                                         |                                                                   |    |                |     |                  |    |    |     |
| 60401C  | TORONTO, ONT.            | 362                                                          | 2.9                                     | 4                                                                 | 6  | 7              | 8   | 4                | 5  | 5  | 5   |
| 60402R  | 67 COLLEGE STREET        | 505                                                          | ---                                     | 1                                                                 | 2  | 3              | 4   | 1                | 2  | 2  | 2   |
| 60403I  | DON MILLS, SCIENCE CNTR  | 638                                                          | 3.9                                     | 4                                                                 | 6  | 8              | 16  | 4                | 5  | 6  | 6   |
| 60410R  | EVANS & ARNOLD           | 705                                                          | 2.6                                     | 3                                                                 | 5  | 7              | 9   | 3                | 4  | 5  | 5   |
| 60412R  | LAWRENCE & KENNEDY       | 676                                                          | 3.6                                     | 5                                                                 | 8  | 9              | 11  | 4                | 6  | 7  | 8   |
| 60413R  | BATHURST & WILSON        | 699                                                          | 2.4                                     | 3                                                                 | 6  | 7              | 8   | 3                | 4  | 5  | 5   |
| 60414I  | ELMCREST ROAD            | 707                                                          | 3.3                                     | 4                                                                 | 6  | 9              | 15  | 4                | 5  | 6  | 6   |
| 60415R  | SHERBOURNE & WILTON ST.  | 713                                                          | 2.7                                     | 3                                                                 | 5  | 7              | 8   | 3                | 4  | 5  | 5   |
| 60417C  | QUEENSWAY W & HURONTARIO | 0                                                            | ---                                     | -                                                                 | -  | -              | -   | -                | -  | -  | -   |
|         | 26 BREADALBANE           |                                                              |                                         |                                                                   |    |                |     |                  |    |    |     |
| 60501C  | HAMILTON, ONT.           | 700                                                          | 2.8                                     | 3                                                                 | 6  | 7              | 9   | 3                | 5  | 5  | 5   |
| 60505R  | BARTON & SANFORD         | 673                                                          | 3.3                                     | 4                                                                 | 8  | 10             | 12  | 4                | 7  | 8  | 8   |
|         | NORTH PARK               |                                                              |                                         |                                                                   |    |                |     |                  |    |    |     |
| 60602R  | SUDBURY, ONT.            | 679                                                          | ---                                     | 1                                                                 | 2  | 3              | 4   | 1                | 1  | 2  | 2   |
|         | ASH STREET               |                                                              |                                         |                                                                   |    |                |     |                  |    |    |     |
| 60901C  | LONDON, ONT.             | 694                                                          | 1.4                                     | 2                                                                 | 3  | 4              | 7   | 2                | 2  | 3  | 3   |
|         | KING & RECTORY           |                                                              |                                         |                                                                   |    |                |     |                  |    |    |     |
| 61004R  | SARNIA, ONT.             | 680                                                          | 2.1                                     | 3                                                                 | 5  | 7              | 10  | 3                | 4  | 5  | 5   |
|         | FRONT ST. AT C.N. TRACKS |                                                              |                                         |                                                                   |    |                |     |                  |    |    |     |
| 61201R  | CORNWALL, ONT.           | 667                                                          | ---                                     | 1                                                                 | 2  | 3              | 7   | 1                | 2  | 2  | 2   |
|         | MEMORIAL PARK            |                                                              |                                         |                                                                   |    |                |     |                  |    |    |     |
| 61301C  | ST. CATHARINES, ONT.     | 357                                                          | ---                                     | 2                                                                 | 4  | 5              | 5   | 2                | 3  | 4  | 4   |
|         | NORTH ST. & GENEVA ST.   |                                                              |                                         |                                                                   |    |                |     |                  |    |    |     |
| 61501C  | KITCHENER, ONT.          | 710                                                          | 2.6                                     | 4                                                                 | 6  | 7              | 8   | 3                | 5  | 5  | 5   |
|         | EDNA & FREDERICK         |                                                              |                                         |                                                                   |    |                |     |                  |    |    |     |
| 61602R  | OAKVILLE, ONT.           | 680                                                          | 2.2                                     | 3                                                                 | 4  | 6              | 6   | 3                | 3  | 4  | 4   |
|         | BRONTE AND WOBURN CRES.  |                                                              |                                         |                                                                   |    |                |     |                  |    |    |     |
| 61701R  | OSHAWA, ONT.             | 678                                                          | 2.0                                     | 3                                                                 | 5  | 6              | 7   | 3                | 4  | 4  | 4   |
|         | RITSON RD. & OLIVE AVE.  |                                                              |                                         |                                                                   |    |                |     |                  |    |    |     |
| 70118R  | WINNIPEG, MAN.           | 637                                                          | 1.1                                     | 1                                                                 | 2  | 3              | 3   | 1                | 1  | 2  | 2   |
| 70119C  | JEFFERSON & SCOTIA       | 668                                                          | 2.7                                     | 3                                                                 | 4  | 5              | 6   | 3                | 4  | 4  | 4   |
|         | 65 ELLEN STREET          |                                                              |                                         |                                                                   |    |                |     |                  |    |    |     |
| 80109C  | REGINA, SASK.            | 0                                                            | ---                                     | -                                                                 | -  | -              | -   | -                | -  | -  | -   |
|         | 1620 ALBERT STREET       |                                                              |                                         |                                                                   |    |                |     |                  |    |    |     |
| 90122R  | EDMONTON, ALTA.          | 697                                                          | 2.6                                     | 3                                                                 | 4  | 5              | 6   | 3                | 4  | 4  | 4   |
| 90130C  | 127 ST. & 133 AVENUE     | 707                                                          | 3.0                                     | 4                                                                 | 5  | 7              | 9   | 3                | 5  | 5  | 5   |
|         | 10255 - 104TH STREET     |                                                              |                                         |                                                                   |    |                |     |                  |    |    |     |

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

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

NITROGEN DIOXIDE  
PARTS PER HUNDRED MILLION

JUNE - JUIN  
1981

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 | 70                   | 95 | 99 | MAX |
|         | CALGARY, ALTA.           |                                                              |                                         |                                                                   |    |    |     |                         |    |    |     |                      |    |    |     |
| 90222R  | 39 ST. & 29 AVE. N.W.    | 382                                                          | 1.4                                     | 2                                                                 | 3  | 4  | 4   | 2                       | 2  | 2  | 2   |                      |    |    |     |
| 90227C  | 1611-4TH STREET S.W.     | 670                                                          | 2.3                                     | 3                                                                 | 4  | 5  | 9   | 2                       | 3  | 3  | 3   |                      |    |    |     |
|         | VANCOUVER, B.C.          |                                                              |                                         |                                                                   |    |    |     |                         |    |    |     |                      |    |    |     |
| 00106R  | 2294 WEST 10TH AVENUE    | 677                                                          | 2.1                                     | 3                                                                 | 4  | 4  | 5   | 3                       | 3  | 3  | 3   |                      |    |    |     |
| 00108I  | 250 WEST 70TH AVENUE     | 547                                                          | 2.2                                     | 3                                                                 | 3  | 4  | 5   | 3                       | 3  | 3  | 3   |                      |    |    |     |
| 00110R  | E. HASTINGS & KENSINGTON | 409                                                          | 2.0                                     | 2                                                                 | 4  | 6  | 8   | 2                       | 4  | 4  | 4   |                      |    |    |     |
| 00111I  | ROCKY PT. PARK           | 637                                                          | 1.0                                     | 1                                                                 | 2  | 4  | 6   | 1                       | 2  | 3  | 3   |                      |    |    |     |
| 00112C  | ROBSON/HORNEY            | 635                                                          | 2.8                                     | 3                                                                 | 4  | 5  | 7   | 3                       | 4  | 4  | 4   |                      |    |    |     |
|         | VICTORIA, B.C.           |                                                              |                                         |                                                                   |    |    |     |                         |    |    |     |                      |    |    |     |
| 00302C  | 1106 COOK ST.            | 678                                                          | 2.0                                     | 3                                                                 | 4  | 5  | 6   | 2                       | 3  | 4  | 4   |                      |    |    |     |

OZONE  
PARTS PER HUNDRED MILLIONJUNE - JUIN  
1981OZONE  
PARTIES PAR CENT MILLIONS

| STATION | LOCATION<br>EMPLACEMENT                                               | NUMBER OF<br>HOURLY SAMPLES<br>NOMBRE DE<br>DONNEES HORAIRES | MONTHLY<br>MEAN<br>MOYENNE<br>MENSUELLE | FREQUENCY DISTRIBUTIONS - CENTILES - DISTRIBUTIONS DES FREQUENCES |    |    |     | MEANS ----- MOYENNES |    |    |     |
|---------|-----------------------------------------------------------------------|--------------------------------------------------------------|-----------------------------------------|-------------------------------------------------------------------|----|----|-----|----------------------|----|----|-----|
|         |                                                                       |                                                              |                                         | INTERVALS - INTERVALLES                                           |    |    |     | 24-HOUR / HEURES     |    |    |     |
|         |                                                                       |                                                              |                                         | 1-HOUR / HEURE                                                    |    |    |     |                      |    |    |     |
|         |                                                                       |                                                              |                                         | 70                                                                | 95 | 99 | MAX | 70                   | 95 | 99 | MAX |
| 30115I  | HALIFAX, N.S.                                                         | 0                                                            | ---                                     | -                                                                 | -  | -  | -   | -                    | -  | -  | -   |
| 30116C  | CFB SHEARWATER<br>BARRINGTON & DUKE                                   | 713                                                          | 1.0                                     | 1                                                                 | 2  | 3  | 3   | 1                    | 2  | 2  | 2   |
| 40202C  | SAINT JOHN, N.B.<br>POST OFFICE                                       | 371                                                          | 2.5                                     | 3                                                                 | 5  | 6  | 9   | 3                    | 4  | 5  | 5   |
| 50102R  | MONTREAL, QUEBEC                                                      | 720                                                          | 2.3                                     | 3                                                                 | 6  | 7  | 9   | 3                    | 4  | 4  | 5   |
| 50103R  | JARDIN BOTANIQUE                                                      | 720                                                          | 1.8                                     | 2                                                                 | 4  | 7  | 12  | 2                    | 3  | 4  | 4   |
| 50104C  | POINTE-AUX-TREMBLES                                                   | 641                                                          | 1.9                                     | 3                                                                 | 5  | 6  | 7   | 2                    | 4  | 4  | 4   |
| 50109C  | 1125 ONTARIO EST                                                      | 720                                                          | 0.9                                     | 1                                                                 | 3  | 3  | 5   | 1                    | 2  | 2  | 3   |
| 50110C  | DUNCAN & DECARIE                                                      | 0                                                            | ---                                     | -                                                                 | -  | -  | -   | -                    | -  | -  | -   |
| 50111C  | PARC PILON, MTL.-NORD                                                 | 0                                                            | ---                                     | -                                                                 | -  | -  | -   | -                    | -  | -  | -   |
| 50112C  | 2900 BOUL. CONCORDE                                                   | 0                                                            | ---                                     | -                                                                 | -  | -  | -   | -                    | -  | -  | -   |
| 50113R  | BOUL. LAURENTIDES                                                     | 578                                                          | 2.3                                     | 3                                                                 | 6  | 7  | 9   | 3                    | 4  | 4  | 5   |
| 50115C  | PIE X & CARDINAL                                                      | 712                                                          | 4.0                                     | 5                                                                 | 9  | 12 | 14  | 5                    | 7  | 8  | 8   |
| 50116R  | METCALFE & MAISONNEUVE                                                | 0                                                            | ---                                     | -                                                                 | -  | -  | -   | -                    | -  | -  | -   |
| 50304C  | 3161 JOSEPH, VERDUN                                                   | 720                                                          | 2.2                                     | 3                                                                 | 6  | 8  | 10  | 3                    | 5  | 5  | 6   |
| 50306R  | QUEBEC, QUEBEC                                                        | 703                                                          | 0.9                                     | 1                                                                 | 2  | 3  | 4   | 1                    | 2  | 2  | 2   |
| 50306R  | 325 DORCHESTER SUD<br>2026 BLVD. ST-CYRILLE                           | 719                                                          | 1.5                                     | 2                                                                 | 4  | 5  | 5   | 2                    | 3  | 4  | 4   |
| 60101C  | OTTAWA, ONT.                                                          | 718                                                          | 1.4                                     | 2                                                                 | 4  | 5  | 5   | 2                    | 3  | 4  | 4   |
| 60104C  | 88 SLATER ST.                                                         | 690                                                          | 2.2                                     | 3                                                                 | 5  | 6  | 7   | 2                    | 4  | 5  | 5   |
| 60105R  | RIDEAU & WURTEMBERG<br>NRC, MONTREAL ROAD                             | 681                                                          | 2.1                                     | 3                                                                 | 5  | 6  | 7   | 2                    | 4  | 5  | 5   |
| 60204C  | WINDSOR, ONT.                                                         | 702                                                          | 3.1                                     | 4                                                                 | 7  | 9  | 10  | 4                    | 5  | 6  | 6   |
| 60401C  | 471 UNIVERSITY AVENUE                                                 | 249                                                          | ---                                     | 3                                                                 | 6  | 7  | 8   | 3                    | 4  | 4  | 4   |
| 60402R  | TORONTO, ONT.                                                         | 477                                                          | 2.4                                     | 3                                                                 | 6  | 8  | 8   | 3                    | 4  | 4  | 5   |
| 60403I  | 67 COLLEGE STREET                                                     | 634                                                          | 1.5                                     | 2                                                                 | 5  | 7  | 9   | 2                    | 3  | 4  | 5   |
| 60410R  | DON MILLS, SCIENCE CNTR                                               | 695                                                          | 2.1                                     | 3                                                                 | 6  | 7  | 9   | 3                    | 4  | 5  | 5   |
| 60413R  | EVANS & ARNOLD                                                        | 702                                                          | 2.1                                     | 3                                                                 | 6  | 9  | 10  | 2                    | 4  | 6  | 6   |
| 60414I  | LAWRENCE & KENNEDY                                                    | 699                                                          | 1.7                                     | 2                                                                 | 4  | 7  | 8   | 2                    | 3  | 4  | 4   |
| 60415R  | ELMCREST ROAD                                                         | 711                                                          | 2.3                                     | 3                                                                 | 6  | 9  | 9   | 3                    | 4  | 7  | 7   |
| 60417C  | SHERBOURNE & WILTON ST.<br>QUEENSWAY W & HURONTARIO<br>26 BREADALBANE | 254                                                          | ---                                     | 3                                                                 | 7  | 9  | 10  | 3                    | 5  | 6  | 6   |
| 60501C  | HAMILTON, ONT.                                                        | 701                                                          | 2.4                                     | 3                                                                 | 6  | 8  | 9   | 3                    | 5  | 6  | 6   |
| 60602R  | BARTON & SANFORD                                                      | 698                                                          | 2.0                                     | 2                                                                 | 5  | 6  | 7   | 2                    | 4  | 5  | 5   |
| 60806R  | SUDBURY, ONT.                                                         | 0                                                            | ---                                     | -                                                                 | -  | -  | -   | -                    | -  | -  | -   |
| 60901C  | ASH STREET                                                            | 692                                                          | 3.0                                     | 4                                                                 | 7  | 9  | 11  | 3                    | 6  | 7  | 7   |
| 61004R  | THUNDER BAY, ONT.                                                     | 693                                                          | 3.2                                     | 4                                                                 | 7  | 9  | 12  | 4                    | 5  | 6  | 6   |
| 61201R  | 435 JAMES S.                                                          | 670                                                          | 3.4                                     | 4                                                                 | 6  | 8  | 9   | 4                    | 6  | 6  | 6   |
| 61301C  | LONDON, ONT.                                                          | 707                                                          | 2.8                                     | 3                                                                 | 7  | 9  | 11  | 3                    | 5  | 7  | 8   |
| 61501C  | ST. CATHARINES, ONT.                                                  | 703                                                          | 3.2                                     | 4                                                                 | 7  | 9  | 10  | 4                    | 5  | 7  | 7   |
| 61602R  | KITCHENER, ONT.                                                       | 714                                                          | 2.5                                     | 3                                                                 | 7  | 9  | 9   | 3                    | 5  | 6  | 6   |
| 61701R  | EDNA & FREDERICK                                                      | 593                                                          | 2.6                                     | 3                                                                 | 6  | 8  | 9   | 3                    | 4  | 6  | 6   |
| 70118R  | OAKVILLE, ONT.                                                        | 641                                                          | 2.1                                     | 3                                                                 | 4  | 5  | 5   | 2                    | 3  | 4  | 4   |
| 70119C  | BRONTE AND WOBURN CRES.                                               | 662                                                          | 2.2                                     | 3                                                                 | 4  | 5  | 6   | 3                    | 3  | 3  | 4   |
| 80109C  | OSHAWA, ONT.                                                          | 0                                                            | ---                                     | -                                                                 | -  | -  | -   | -                    | -  | -  | -   |
| 90122R  | RITSON RD. & OLIVE AVE.                                               | 687                                                          | 2.5                                     | 3                                                                 | 4  | 5  | 6   | 3                    | 3  | 3  | 4   |
| 90130C  | WINNIPEG, MAN.                                                        | 701                                                          | 1.7                                     | 2                                                                 | 3  | 4  | 4   | 2                    | 2  | 3  | 3   |
|         | JEFFERSON & SCOTIA                                                    |                                                              |                                         |                                                                   |    |    |     |                      |    |    |     |
|         | 65 ELLEN STREET                                                       |                                                              |                                         |                                                                   |    |    |     |                      |    |    |     |
|         | REGINA, SASK.                                                         |                                                              |                                         |                                                                   |    |    |     |                      |    |    |     |
|         | 1620 ALBERT STREET                                                    |                                                              |                                         |                                                                   |    |    |     |                      |    |    |     |
|         | EDMONTON, ALTA.                                                       |                                                              |                                         |                                                                   |    |    |     |                      |    |    |     |
|         | 127 ST. & 133 AVENUE                                                  |                                                              |                                         |                                                                   |    |    |     |                      |    |    |     |
|         | 10255 - 104TH STREET                                                  |                                                              |                                         |                                                                   |    |    |     |                      |    |    |     |

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

OZONE  
PARTS PER HUNDRED MILLIONJUNE - JUIN  
1981OZONE  
PARTIES PAR CENT MILLIONS

| STATION         | LOCATION<br>EMPLACEMENT  | NUMBER OF<br>HOURLY SAMPLES<br>NOMBRE DE<br>DONNEES HORAIRES | MONTHLY<br>MEAN<br>MOYENNE<br>MENSUELLE | FREQUENCY DISTRIBUTIONS - CENTILES - DISTRIBUTIONS DES FREQUENCES |    |    |     | MEANS ---- MOYENNES |    |    |     |
|-----------------|--------------------------|--------------------------------------------------------------|-----------------------------------------|-------------------------------------------------------------------|----|----|-----|---------------------|----|----|-----|
|                 |                          |                                                              |                                         | INTERVALS - INTERVALLES                                           |    |    |     | 24-HOUR / HEURES    |    |    |     |
|                 |                          |                                                              |                                         | 1-HOUR / HEURE                                                    |    |    |     |                     |    |    |     |
|                 |                          |                                                              |                                         | 70                                                                | 95 | 99 | MAX | 70                  | 95 | 99 | MAX |
| CALGARY, ALTA.  |                          |                                                              |                                         |                                                                   |    |    |     |                     |    |    |     |
| 90222R          | 39 ST. & 29 AVE. N.W.    | 688                                                          | 2.9                                     | 4                                                                 | 5  | 5  | 6   | 3                   | 4  | 4  | 4   |
| 90227C          | 1611-4TH STREET S.W.     | 699                                                          | 1.1                                     | 2                                                                 | 3  | 3  | 4   | 1                   | 2  | 2  | 2   |
| VANCOUVER, B.C. |                          |                                                              |                                         |                                                                   |    |    |     |                     |    |    |     |
| 00106R          | 2294 WEST 10TH AVENUE    | 653                                                          | 1.4                                     | 2                                                                 | 3  | 4  | 5   | 2                   | 2  | 3  | 3   |
| 00108I          | 250 WEST 70TH AVENUE     | 32                                                           | ---                                     | 2                                                                 | 3  | 3  | 3   | 1                   | 1  | 1  | 1   |
| 00110R          | E. HASTINGS & KENSINGTON | 635                                                          | 1.4                                     | 2                                                                 | 3  | 4  | 5   | 2                   | 2  | 3  | 3   |
| 00111I          | ROCKY PT. PARK           | 637                                                          | 2.1                                     | 3                                                                 | 5  | 6  | 7   | 2                   | 3  | 4  | 4   |
| 00112C          | ROBSON/HORNBY            | 0                                                            | ---                                     | -                                                                 | -  | -  | -   | -                   | -  | -  | -   |
| VICTORIA, B.C.  |                          |                                                              |                                         |                                                                   |    |    |     |                     |    |    |     |
| 00302C          | 1106 COOK ST.            | 680                                                          | 1.9                                     | 3                                                                 | 3  | 4  | 4   | 2                   | 3  | 3  | 3   |

--- 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.

JUNE - JUIN  
1981

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 |     | 2-HOUR / HEURES |     | MEANS - MOYENNES             |     | 24-HOUR / HEURES |     |
|         |                                                |                                              |                                         | 70                      | 95  | 99              | MAX | 70                           | 95  | 99               | MAX |
| 30116C  | HALIFAX, N.S.<br>BARRINGTON & DUKE             | 0                                            | ----                                    | -                       | -   | -               | -   | -                            | -   | -                | -   |
| 30310C  | SYDNEY, N.S.<br>COUNTY JAIL                    | 0                                            | ----                                    | -                       | -   | -               | -   | -                            | -   | -                | -   |
| 30408R  | GLACE BAY, N.S.<br>SOUTH STREET                | 0                                            | ----                                    | -                       | -   | -               | -   | -                            | -   | -                | -   |
| 50101R  | MONTREAL, QUEBEC<br>PARC JARRY                 | 342                                          | 0.13                                    | 0.2                     | 0.3 | 0.5             | 0.9 | 0.2                          | 0.2 | 0.3              | 0.3 |
| 50103R  | POINTE-AUX-TREMBLES                            | 333                                          | 0.20                                    | 0.2                     | 0.4 | 0.5             | 0.8 | 0.2                          | 0.3 | 0.4              | 0.4 |
| 50104C  | 1125 ONTARIO EST                               | 341                                          | 0.22                                    | 0.2                     | 0.5 | 0.6             | 1.0 | 0.3                          | 0.4 | 0.4              | 0.5 |
| 50105C  | 1212 DRUMMOND                                  | 294                                          | 0.14                                    | 0.2                     | 0.3 | 0.7             | 0.7 | 0.2                          | 0.3 | 0.3              | 0.4 |
| 50106R  | VILLE ST-LAURENT                               | 336                                          | 0.17                                    | 0.2                     | 0.5 | 0.6             | 0.9 | 0.2                          | 0.3 | 0.4              | 0.4 |
| 50109C  | DUNCAN & DECARIE                               | 360                                          | 0.51                                    | 0.6                     | 1.4 | 1.7             | 1.9 | 0.7                          | 0.9 | 0.9              | 1.0 |
| 50110C  | PARC PILON, MTL.-NORD                          | 332                                          | 0.23                                    | 0.3                     | 0.6 | 1.0             | 1.1 | 0.3                          | 0.5 | 0.6              | 0.6 |
| 50115C  | METCALFE & MAISONNEUVE                         | 0                                            | ----                                    | -                       | -   | -               | -   | -                            | -   | -                | -   |
| 50116R  | 3161 JOSEPH, VERDUN                            | 360                                          | 0.22                                    | 0.3                     | 0.5 | 0.8             | 1.1 | 0.3                          | 0.4 | 0.5              | 0.6 |
| 50203R  | HULL, QUEBEC<br>GAMBLIN & JOFFRE               | 357                                          | 0.12                                    | 0.2                     | 0.4 | 0.5             | 0.6 | 0.1                          | 0.2 | 0.2              | 0.2 |
| 50303I  | QUEBEC, QUEBEC<br>CENTRE LOISIRS LYMOILOU      | 0                                            | ----                                    | -                       | -   | -               | -   | -                            | -   | -                | -   |
| 50801R  | TROIS-RIVIERES, QUEBEC<br>HART & STE-CECILE    | 301                                          | 0.19                                    | 0.2                     | 0.4 | 0.8             | 0.9 | 0.2                          | 0.3 | 0.4              | 0.4 |
| 51201I  | SHAWINIGAN, QUEBEC<br>FRIGON & LAVAL           | 319                                          | 0.42                                    | 0.4                     | 1.7 | 2.4             | 2.7 | 0.5                          | 1.0 | 1.4              | 1.4 |
| 60101C  | OTTAWA, ONT.<br>88 SLATER ST.                  | 359                                          | 0.21                                    | 0.3                     | 0.6 | 0.8             | 1.0 | 0.2                          | 0.4 | 0.4              | 0.4 |
| 60103C  | GILMOUR STREET                                 | 360                                          | 0.16                                    | 0.2                     | 0.5 | 0.7             | 1.4 | 0.2                          | 0.3 | 0.3              | 0.4 |
| 60104C  | RIDEAU & WURTEMBERG                            | 683                                          | (1) 0.22                                | 0.3                     | 0.5 | 0.8             | 1.4 | 0.3                          | 0.4 | 0.5              | 0.5 |
| 60204C  | WINDSOR, ONT.<br>471 UNIVERSITY AVENUE         | 695                                          | (1) 0.37                                | 0.4                     | 1.0 | 1.4             | 1.7 | 0.5                          | 0.7 | 0.8              | 0.8 |
| 60211R  | COLLEGE & PRINCE                               | 695                                          | (1) 0.46                                | 0.5                     | 1.3 | 1.5             | 2.1 | 0.5                          | 0.8 | 0.9              | 0.9 |
| 60302R  | KINGSTON, ONT.<br>NAPIER STREET                | 0                                            | ----                                    | -                       | -   | -               | -   | -                            | -   | -                | -   |
| 60401C  | TORONTO, ONT.<br>67 COLLEGE STREET             | 406                                          | (1) 0.47                                | 0.6                     | 1.2 | 1.6             | 1.7 | 0.6                          | 0.9 | 1.0              | 1.0 |
| 60402R  | DON MILLS, SCIENCE CNTR                        | 269                                          | 0.20                                    | 0.3                     | 0.7 | 1.2             | 1.4 | 0.2                          | 0.4 | 0.5              | 0.5 |
| 60403I  | EVANS & ARNOLD                                 | 653                                          | (1) 0.43                                | 0.5                     | 1.0 | 1.6             | 2.3 | 0.5                          | 0.8 | 0.8              | 0.9 |
| 60409R  | REDLANDS CRESCENT                              | 336                                          | 0.14                                    | 0.2                     | 0.4 | 0.7             | 0.8 | 0.2                          | 0.3 | 0.3              | 0.3 |
| 60410R  | LAWRENCE & KENNEDY                             | 653                                          | (1) 0.42                                | 0.5                     | 1.0 | 1.6             | 1.9 | 0.5                          | 0.8 | 1.1              | 1.2 |
| 60412R  | BATHURST & WILSON                              | 701                                          | (1) 0.65                                | 0.8                     | 1.6 | 2.0             | 2.5 | 0.9                          | 1.2 | 1.4              | 1.5 |
| 60413R  | ELMCREST ROAD                                  | 699                                          | (1) 0.33                                | 0.4                     | 0.8 | 1.0             | 1.3 | 0.4                          | 0.6 | 0.7              | 0.8 |
| 60414I  | SHERBOURNE & WILTON ST.                        | 706                                          | (1) 0.71                                | 0.8                     | 1.7 | 2.7             | 2.8 | 0.9                          | 1.3 | 1.4              | 1.5 |
| 60415R  | QUEENSWAY W & HURONTARIO                       | 359                                          | 0.27                                    | 0.4                     | 0.7 | 0.9             | 1.2 | 0.3                          | 0.5 | 0.6              | 0.6 |
| 60417C  | 26 BREADALBANE                                 | 133                                          | ----                                    | 0.6                     | 1.3 | 1.5             | 1.7 | 0.5                          | 0.8 | 1.1              | 1.1 |
| 60501C  | HAMILTON, ONT.<br>BARTON & SANFORD             | 695                                          | (1) 0.69                                | 0.8                     | 1.7 | 2.5             | 2.8 | 0.8                          | 1.4 | 1.5              | 1.6 |
| 60505R  | NORTH PARK                                     | 671                                          | (1) 0.77                                | 1.1                     | 1.7 | 2.1             | 2.5 | 1.0                          | 1.4 | 1.5              | 1.6 |
| 60602R  | SUDBURY, ONT.<br>ASH STREET                    | 696                                          | (1) ****                                | 0.1                     | 0.3 | 0.5             | 0.5 | 0.1                          | 0.3 | 0.3              | 0.4 |
| 60806R  | THUNDER BAY, ONT.<br>435 JAMES S.              | 321                                          | 0.19                                    | 0.2                     | 0.6 | 0.8             | 0.9 | 0.2                          | 0.3 | 0.4              | 0.4 |
| 60901C  | LONDON, ONT.<br>KING & RECTORY                 | 686                                          | (1) 0.31                                | 0.4                     | 0.6 | 1.0             | 1.1 | 0.4                          | 0.5 | 0.6              | 0.6 |
| 60902C  | 372 DUNDAS                                     | 359                                          | 0.11                                    | 0.2                     | 0.4 | 0.4             | 0.6 | 0.1                          | 0.2 | 0.2              | 0.3 |
| 61004R  | SARNIA, ONT.<br>FRONT ST. AT C.N. TRACKS       | 687                                          | (1) 0.27                                | 0.4                     | 0.7 | 1.0             | 1.0 | 0.4                          | 0.5 | 0.5              | 0.6 |
| 61103C  | PETERBOROUGH, ONT.<br>500 GEORGE STREET        | 0                                            | ----                                    | -                       | -   | -               | -   | -                            | -   | -                | -   |
| 61201R  | CORNWALL, ONT.<br>MEMORIAL PARK                | 696                                          | (1) ****                                | 0.1                     | 0.2 | 0.3             | 0.4 | 0.1                          | 0.1 | 0.2              | 0.2 |
| 61301C  | ST. CATHARINES, ONT.<br>NORTH ST. & GENEVA ST. | 686                                          | (1) 0.26                                | 0.3                     | 0.6 | 0.9             | 1.3 | 0.3                          | 0.5 | 0.5              | 0.5 |

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

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

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

SOILING INDEX  
COH UNITS PER 1000 LINEAR FT.

JUNE - JUIN  
1981

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 |     | 24-HOUR / HEURES             |     | 24-HOUR / HEURES |     |
|         |                                             |                                              |                                         | 70                            | 95  | 99                   | MAX | 70                           | 95  | 99               | MAX |
| 61501C  | KITCHENER, ONT.<br>EDNA & FREDERICK         | 358                                          | 0.25                                    | 0.3                           | 0.8 | 1.2                  | 1.9 | 0.3                          | 0.6 | 0.6              | 0.7 |
| 61602R  | OAKVILLE, ONT.<br>BRONTE AND WOBURN CRES.   | 343                                          | 0.50                                    | 0.6                           | 1.1 | 1.6                  | 1.7 | 0.6                          | 0.9 | 1.1              | 1.1 |
| 61701R  | OSHAWA, ONT.<br>RITSON RD. & OLIVE AVE.     | 668                                          | (1) 0.35                                | 0.5                           | 0.9 | 1.2                  | 1.4 | 0.5                          | 0.7 | 0.7              | 0.8 |
| 61801C  | GUELPH, ONT.<br>FARQUHAR & WYNDHAM          | 0                                            | ----                                    | -                             | -   | -                    | -   | -                            | -   | -                | -   |
| 70118R  | WINNIPEG, MAN.<br>JEFFERSON & SCOTIA        | 335                                          | ****                                    | 0.0                           | 0.0 | 0.1                  | 0.2 | 0.0                          | 0.0 | 0.0              | 0.0 |
| 70119C  | 65 ELLEN STREET                             | 357                                          | ****                                    | 0.0                           | 0.2 | 0.3                  | 0.4 | 0.1                          | 0.2 | 0.2              | 0.2 |
| 70120R  | 604 ST. MARY'S RD.                          | 359                                          | ****                                    | 0.1                           | 0.1 | 0.2                  | 0.3 | 0.0                          | 0.1 | 0.1              | 0.1 |
| 80109C  | REGINA, SASK.<br>1620 ALBERT STREET         | 0                                            | ----                                    | -                             | -   | -                    | -   | -                            | -   | -                | -   |
| 80209C  | SASKATOON, SASK.<br>IDYLWYLD DR. & 33RD ST. | 0                                            | ----                                    | -                             | -   | -                    | -   | -                            | -   | -                | -   |
| 90122R  | EDMONTON, ALTA.<br>127 ST. & 133 AVENUE     | 720                                          | (1) 0.16                                | 0.2                           | 0.4 | 0.6                  | 0.7 | 0.2                          | 0.3 | 0.3              | 0.3 |
| 90130C  | 10255 - 104TH STREET                        | 698                                          | (1) 0.25                                | 0.3                           | 0.5 | 0.7                  | 0.9 | 0.3                          | 0.4 | 0.4              | 0.4 |
| 90218I  | CALGARY, ALTA.<br>BONNY BRK & 18A ST. S.E.  | 706                                          | (1) 0.20                                | 0.2                           | 0.5 | 0.8                  | 1.1 | 0.2                          | 0.3 | 0.4              | 0.4 |
| 90222R  | 39 ST. & 29 AVE. N.W.                       | 712                                          | (1) 0.11                                | 0.1                           | 0.3 | 0.4                  | 0.5 | 0.1                          | 0.2 | 0.3              | 0.3 |
| 90227C  | 1611-4TH STREET S.W.                        | 352                                          | 0.35                                    | 0.5                           | 1.0 | 1.5                  | 1.7 | 0.4                          | 0.7 | 0.8              | 0.8 |
| 00102R  | VANCOUVER, B.C.<br>100 RICHMOND STREET      | 49                                           | ----                                    | 0.3                           | 0.5 | 0.7                  | 0.7 | 0.2                          | 0.3 | 0.3              | 0.3 |
| 00106R  | 2294 WEST 10TH AVENUE                       | 343                                          | 0.25                                    | 0.3                           | 0.6 | 0.9                  | 1.0 | 0.3                          | 0.4 | 0.4              | 0.5 |
| 00108I  | 250 WEST 70TH AVENUE                        | 264                                          | 0.15                                    | 0.2                           | 0.4 | 0.6                  | 0.7 | 0.2                          | 0.3 | 0.3              | 0.3 |
| 00110R  | E. HASTINGS & KENSINGTON                    | 360                                          | 0.20                                    | 0.3                           | 0.5 | 0.7                  | 0.8 | 0.2                          | 0.3 | 0.4              | 0.4 |
| 00111I  | ROCKY PT. PARK                              | 360                                          | 0.16                                    | 0.2                           | 0.5 | 0.7                  | 0.8 | 0.2                          | 0.3 | 0.4              | 0.4 |
| 00112C  | ROBSON/HORNBY                               | 288                                          | 0.35                                    | 0.5                           | 0.9 | 1.1                  | 1.2 | 0.4                          | 0.5 | 0.6              | 0.7 |
| 00202C  | PRINCE GEORGE, B.C.<br>1011 4TH AVENUE      | 360                                          | 0.21                                    | 0.3                           | 0.5 | 0.7                  | 1.0 | 0.3                          | 0.3 | 0.4              | 0.4 |
| 00302C  | VICTORIA, B.C.<br>1106 COOK ST.             | 360                                          | 0.14                                    | 0.2                           | 0.5 | 0.6                  | 0.9 | 0.2                          | 0.3 | 0.3              | 0.3 |
| 09001C  | WHITEHORSE, YUKON<br>FEDERAL BUILDING       | 354                                          | 0.13                                    | 0.2                           | 0.4 | 0.6                  | 1.4 | 0.2                          | 0.2 | 0.2              | 0.3 |

(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.

SUSPENDED PARTICULATE MATTER AND LEAD  
MICROGRAMS PER CUBIC METRE

JUNE - JUIN  
1981

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 |
|         |                                              | 3                                       | 9   | 15  | 21  | 27  |                 | 3                          | 9   | 15  | 21  | 27  |                 |
| 10101C  | ST. JOHN'S, Nfld.<br>DUCKWORTH & ORDINANCE   | 48                                      | 50  | -   | 36  | 45  | 45              | 0.1                        | 0.3 | -   | 0.2 | 0.2 | 0.2             |
| 20101C  | CHARLOTTETOWN, P.E.I.<br>56 FITZROY ST.      | 24                                      | 14  | -   | -   | 22  | 20              | 0.1                        | 0.2 | -   | -   | 0.1 | 0.1             |
| 30101C  | HALIFAX, N.S.<br>N.S. TECHNICAL COLLEGE      | 45                                      | 42  | 46  | 48  | 40  | 44              | 0.1                        | 0.1 | 0.2 | 0.1 | 0.2 | 0.1             |
| 30102R  | DALHOUSIE UNIVERSITY                         | 35                                      | 25  | 24  | 16  | 25  | 25              | 0.1                        | 0.1 | 0.1 | 0.1 | 0.1 | 0.1             |
| 30114R  | MT ST VINCENT UNIVERSITY                     | 32                                      | 33  | 23  | 15  | 29  | 26              | 0.1                        | 0.1 | 0.1 | 0.1 | 0.1 | 0.1             |
| 30115I  | CFB SHEARWATER                               | 17                                      | 36  | 14  | 22  | 30  | 24              | 0.0                        | 0.1 | 0.0 | 0.1 | 0.1 | 0.1             |
| 30310C  | SYDNEY, N.S.<br>COUNTY JAIL                  | 81                                      | 63  | 84  | 33  | -   | 65              | 0.4                        | 0.6 | 0.3 | 0.2 | -   | 0.4             |
| 30311R  | WHITNEY PIER FIRE STN.                       | 260                                     | 80  | 149 | 87  | 122 | 140             | 0.5                        | 0.4 | 0.5 | 0.3 | 0.4 | 0.4             |
| 30408R  | GLACE BAY, N.S.<br>SOUTH STREET              | -                                       | -   | -   | -   | -   | -               | -                          | -   | -   | -   | -   | -               |
| 40102C  | FREDERICTON, N.B.<br>YORK STREET             | 48                                      | 29  | 30  | 26  | 26  | 32              | 0.3                        | 0.3 | 0.2 | 0.2 | 0.3 | 0.3             |
| 40201C  | SAINT JOHN, N.B.<br>110 CHARLOTTE STREET     | 70                                      | 51  | 43  | 48  | 42  | 51              | 0.2                        | 0.2 | 0.2 | 0.2 | 0.2 | 0.2             |
| 40301C  | MONCTON, N.B.<br>774 MAIN STREET             | -                                       | -   | -   | -   | -   | -               | -                          | -   | -   | -   | -   | -               |
| 50102R  | MONTREAL, QUEBEC<br>JARDIN BOTANIQUE         | 43                                      | 39  | 48  | 43  | 37  | 42              | 0.2                        | 0.2 | 0.3 | 0.1 | 0.2 | 0.2             |
| 50103R  | POINTE-AUX-TREMBLES                          | 58                                      | 73  | 128 | 59  | 52  | 74              | -                          | -   | -   | -   | -   | -               |
| 50104C  | 1125 ONTARIO EST                             | 83                                      | 55  | 109 | 68  | 35  | 70              | 0.6                        | 0.5 | 0.9 | 0.6 | 0.3 | 0.6             |
| 50105C  | 1212 DRUMMOND                                | -                                       | -   | -   | -   | -   | -               | -                          | -   | -   | -   | -   | -               |
| 50106R  | VILLE ST-LAURENT                             | 64                                      | 41  | -   | 58  | 31  | 49              | 0.5                        | 0.3 | -   | 0.5 | 0.2 | 0.4             |
| 50107R  | VILLE LASALLE                                | -                                       | -   | -   | -   | -   | -               | -                          | -   | -   | -   | -   | -               |
| 50108R  | 1700 BOURASSA, LONGUEUIL                     | -                                       | -   | -   | -   | -   | -               | -                          | -   | -   | -   | -   | -               |
| 50109C  | DUNCAN & DECARIE                             | 112                                     | 155 | 144 | 72  | 70  | 111             | 1.2                        | 1.2 | 1.7 | 1.2 | 1.2 | 1.3             |
| 50110C  | PARC PILON, MTL.-NORD                        | 53                                      | 37  | 74  | 47  | 33  | 49              | -                          | -   | -   | -   | -   | -               |
| 50111C  | 2900 BOUL. CONCORDE                          | -                                       | -   | -   | -   | -   | -               | -                          | -   | -   | -   | -   | -               |
| 50112C  | BOUL. LAURENTIDES                            | 59                                      | 38  | 66  | 50  | 30  | 49              | 0.3                        | 0.2 | 0.6 | 0.3 | 0.2 | 0.3             |
| 50113R  | PIE X & CARDINAL                             | 48                                      | 30  | 56  | 50  | 30  | 43              | 0.3                        | 0.2 | 0.4 | 0.2 | 0.2 | 0.3             |
| 50115C  | METCALFE & MAISONNEUVE                       | -                                       | -   | -   | -   | -   | -               | -                          | -   | -   | -   | -   | -               |
| 50116R  | 3161 JOSEPH, VERDUN                          | 82                                      | 45  | 70  | 54  | 30  | 56              | 0.4                        | 0.4 | 0.5 | 0.4 | 0.3 | 0.4             |
| 50203R  | HULL, QUEBEC<br>GAMBLIN & JOFFRE             | 60                                      | 39  | 43  | 49  | 27  | 44              | 0.4                        | 0.2 | 0.3 | 0.3 | 0.1 | 0.3             |
| 50301C  | QUEBEC, QUEBEC<br>PARC-AUTOS PAQ.LALIBERTE   | -                                       | -   | -   | -   | -   | -               | -                          | -   | -   | -   | -   | -               |
| 50302R  | PARC BARDY                                   | -                                       | -   | -   | -   | -   | -               | -                          | -   | -   | -   | -   | -               |
| 50303I  | CENTRE LOISIRS LIMOILLOU                     | -                                       | -   | -   | -   | -   | -               | -                          | -   | -   | -   | -   | -               |
| 50304C  | 325 DORCHESTER SUD                           | -                                       | -   | -   | -   | -   | -               | -                          | -   | -   | -   | -   | -               |
| 50306R  | 2026 BLVD. ST-CYRILLE                        | 76                                      | 44  | 52  | 47  | 35  | 51              | 0.3                        | 0.3 | 0.3 | 0.2 | 0.3 | 0.3             |
| 50402R  | SHERBROOKE, QUEBEC<br>CASERNE DE POMPIERS #5 | -                                       | -   | -   | -   | -   | -               | -                          | -   | -   | -   | -   | -               |
| 50403C  | WELLINGTON & ALBERT                          | -                                       | -   | -   | -   | -   | -               | -                          | -   | -   | -   | -   | -               |
| 50502R  | CHICOUTIMI, QUEBEC<br>USINE DE FILTRATION    | 74                                      | 24  | 41  | 26  | 38  | 41              | 0.2                        | 0.1 | 0.3 | 0.1 | 0.2 | 0.2             |
| 50503C  | 222 RACINE                                   | 92                                      | 30  | 64  | -   | 84  | 68              | 0.4                        | 0.4 | 0.4 | -   | 0.7 | 0.5             |
| 50601C  | ROUYN, QUEBEC<br>HOTEL DE VILLE              | 73                                      | 54  | 51  | 71  | 65  | 63              | 0.4                        | 0.4 | 0.4 | 1.0 | 0.2 | 0.5             |
| 50701C  | SEPT-ILES, QUEBEC<br>HOTEL DE VILLE          | 110                                     | 42  | 61  | 67  | 63  | 69              | 0.2                        | 0.0 | 0.1 | 0.1 | 0.2 | 0.1             |
| 50801R  | TROIS-RIVIERES, QUEBEC<br>HART & STE-CECILE  | 105                                     | 53  | -   | 80  | 61  | 75              | 0.3                        | 0.4 | -   | 0.3 | 0.4 | 0.4             |
| 50901R  | ARVIDA, QUEBEC<br>POWELL & HOOPES            | 125                                     | -   | 191 | 112 | 47  | 119             | 0.4                        | -   | 0.6 | 0.5 | 0.7 | 0.6             |
| 51002R  | TRACY, QUEBEC<br>GARNEAU & RTE 132           | 29                                      | 68  | 85  | 74  | 37  | 59              | 0.1                        | 0.3 | 0.5 | 0.3 | 0.2 | 0.3             |
| 51101C  | THETFORD MINES, QUEBEC<br>BOUL. STE-MARTHE   | 68                                      | 26  | 47  | 39  | 36  | 43              | 0.2                        | 0.1 | 0.2 | 0.2 | 0.2 | 0.2             |
| 51201I  | SHAWINIGAN, QUEBEC<br>FRIGON & LAVAL         | 455                                     | 35  | 254 | 107 | 62  | 183             | 0.3                        | 0.2 | 0.2 | 0.2 | 0.3 | 0.2             |
| 51301R  | BAIE COMEAU, QUEBEC<br>39 AVE. MARGUETTE     | 14                                      | 27  | -   | 27  | 17  | 21              | -                          | 0.0 | -   | 0.1 | -   | -               |
| 60101C  | OTTAWA, ONT.<br>88 SLATER ST.                | 68                                      | 56  | 64  | 60  | 40  | 58              | 0.5                        | 0.3 | 0.6 | 0.3 | 0.2 | 0.4             |
| 60104C  | RIDEAU & WURTEMBERG                          | 54                                      | 36  | 38  | 39  | 25  | 38              | 0.3                        | 0.2 | 0.3 | 0.3 | 0.1 | 0.2             |
| 60105R  | NRC, MONTREAL ROAD                           | 54                                      | 36  | 41  | 45  | 33  | 42              | 0.3                        | 0.1 | 0.2 | 0.2 | 0.2 | 0.2             |

SUSPENDED PARTICULATE MATTER AND LEAD  
MICROGRAMS PER CUBIC METREJUNE - JUIN  
1981PLOMB ET PARTICULES EN SUSPENSION  
MICROGRAMMES PAR METRE CUBE

| STATION | LOCATION<br>EMPLACEMENT                         | *----- PARTICULATES / PARTICULES -----* |     |     |     |     | MEAN<br>MOYENNE | *----- LEAD / PLOMB -----* |     |     |     |     | MEAN<br>MOYENNE |
|---------|-------------------------------------------------|-----------------------------------------|-----|-----|-----|-----|-----------------|----------------------------|-----|-----|-----|-----|-----------------|
|         |                                                 | 3                                       | 9   | 15  | 21  | 27  |                 | 3                          | 9   | 15  | 21  | 27  |                 |
| 60201I  | WINDSOR, ONT.<br>MORTON TERMINAL DOCK           | 77                                      | 42  | 108 | 71  | 36  | 67              | 0.2                        | 0.0 | 0.1 | 0.2 | 0.0 | 0.1             |
| 60202C  | CITY HALL                                       | 107                                     | 69  | 118 | 46  | 54  | 79              | 0.6                        | 0.3 | 0.3 | 0.0 | 0.3 | 0.3             |
| 60203R  | TECUMSEH WATER WORKS                            | -                                       | 60  | 81  | 59  | 47  | 62              | -                          | 0.0 | 0.0 | 0.0 | 0.1 | 0.0             |
| 60204C  | 471 UNIVERSITY AVENUE                           | -                                       | 53  | 102 | 52  | 57  | 66              | -                          | 0.2 | 0.3 | 0.1 | 0.4 | 0.3             |
| 60301R  | KINGSTON, ONT.<br>QUEEN'S UNIVERSITY            | 35                                      | 42  | 48  | 37  | 27  | 38              | 0.2                        | 0.1 | 0.1 | 0.1 | 0.1 | 0.1             |
| 60401C  | TORONTO, ONT.<br>67 COLLEGE STREET              | 121                                     | 56  | 125 | -   | -   | 101             | 1.1                        | 0.3 | 0.8 | -   | -   | 0.7             |
| 60402R  | DON MILLS, SCIENCE CNTR                         | 63                                      | -   | 104 | 50  | 57  | 69              | 0.3                        | -   | 0.8 | 0.2 | 0.2 | 0.4             |
| 60403I  | EVANS & ARNOLD                                  | 121                                     | 158 | 179 | 73  | 88  | 124             | 0.8                        | 1.5 | 0.7 | 0.6 | 1.0 | 0.9             |
| 60409R  | REDLANDS CRESCENT                               | 34                                      | 47  | 85  | 39  | 42  | 49              | 0.0                        | 0.2 | 0.3 | 0.0 | 0.1 | 0.1             |
| 60410R  | LAWRENCE & KENNEDY                              | 56                                      | 63  | 103 | 51  | 58  | 66              | 0.3                        | 0.4 | 0.7 | 0.0 | 0.5 | 0.4             |
| 60412R  | BATHURST & WILSON                               | -                                       | -   | -   | -   | -   | -               | -                          | -   | -   | -   | -   | -               |
| 60413R  | ELMCREST ROAD                                   | 76                                      | 61  | 95  | 60  | 53  | 69              | 0.9                        | 0.2 | 0.3 | 0.5 | 0.1 | 0.4             |
| 60414I  | SHERBOURNE & WILTON ST.                         | 215                                     | 123 | 205 | 85  | 118 | 149             | 1.1                        | 0.5 | 1.3 | 0.4 | 0.7 | 0.8             |
| 60415R  | QUEENSWAY W & HURONTARIO                        | 90                                      | 134 | 139 | 70  | 79  | 102             | 0.7                        | 0.7 | 0.5 | 0.6 | 0.2 | 0.5             |
| 60417C  | 26 BREADALBANE                                  | 161                                     | 62  | 168 | 62  | -   | 113             | 1.6                        | 0.4 | 1.1 | 0.5 | -   | 0.9             |
| 60501C  | HAMILTON, ONT.<br>BARTON & SANFORD              | 218                                     | 74  | 85  | 122 | 76  | 115             | 0.9                        | 0.3 | 0.5 | 0.7 | 0.6 | 0.6             |
| 60503I  | CHATHAM & FRID                                  | 147                                     | 84  | 144 | 109 | 63  | 109             | 0.7                        | 0.2 | 0.2 | 0.4 | 0.2 | 0.3             |
| 60505R  | NORTH PARK                                      | 57                                      | 86  | 106 | -   | 119 | 92              | 0.0                        | 0.7 | 0.6 | -   | 1.0 | 0.6             |
| 60602R  | SUDBURY, ONT.<br>ASH STREET                     | 98                                      | -   | -   | -   | -   | -               | 0.3                        | -   | -   | -   | -   | -               |
| 60605C  | 19 LISGAR STREET                                | 83                                      | -   | -   | -   | -   | -               | 0.5                        | 0.0 | 0.1 | 0.2 | 0.2 | 0.2             |
| 60705R  | SAULT STE. MARIE, ONT.<br>550 QUEEN STREET WEST | 88                                      | -   | -   | -   | -   | -               | 0.2                        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0             |
| 60801C  | THUNDER BAY, ONT.<br>14 ALGOMA STREET           | 58                                      | 37  | 83  | 25  | 32  | 47              | 0.6                        | 0.2 | 0.4 | 0.2 | 0.2 | 0.3             |
| 60806R  | 435 JAMES S.                                    | 52                                      | 32  | 41  | 53  | 89  | 53              | 0.2                        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0             |
| 60901C  | LONDON, ONT.<br>KING & RECTORY                  | 69                                      | 59  | 96  | 37  | 44  | 61              | 0.3                        | 0.1 | 0.3 | 0.0 | 0.3 | 0.2             |
| 60902C  | 372 DUNDAS                                      | 53                                      | 33  | -   | 33  | -   | 40              | 0.3                        | 0.0 | -   | 0.0 | -   | 0.1             |
| 61004R  | SARNIA, ONT.<br>FRONT ST. AT C.N. TRACKS        | 94                                      | 62  | 80  | 44  | 81  | 72              | 0.2                        | 0.0 | 0.1 | 0.0 | 0.5 | 0.2             |
| 61103C  | PETERBOROUGH, ONT.<br>500 GEORGE STREET         | 41                                      | 28  | 65  | 40  | 35  | 42              | 0.2                        | 0.2 | 0.3 | 0.3 | 0.2 | 0.2             |
| 61201R  | CORNWALL, ONT.<br>MEMORIAL PARK                 | 68                                      | 55  | 67  | 44  | 47  | 56              | 0.2                        | 0.0 | 0.2 | 0.2 | 0.1 | 0.1             |
| 61301C  | ST. CATHARINES, ONT.<br>NORTH ST. & GENEVA ST.  | 62                                      | -   | 81  | 52  | 38  | 58              | 0.3                        | -   | 0.2 | 0.3 | 0.4 | 0.3             |
| 61501C  | KITCHENER, ONT.<br>EDNA & FREDERICK             | 93                                      | 60  | 65  | 58  | 55  | 66              | 1.0                        | 0.1 | 0.3 | 0.8 | 0.7 | 0.6             |
| 61602R  | OAKVILLE, ONT.<br>BRONTE AND WOBURN CRES.       | 47                                      | 30  | 91  | 86  | 64  | 64              | 0.2                        | 0.0 | 0.2 | 0.2 | 0.2 | 0.2             |
| 61701R  | OSHAWA, ONT.<br>RITSON RD. & OLIVE AVE.         | 88                                      | 63  | 115 | 59  | 55  | 76              | 0.8                        | 0.0 | 0.8 | 0.6 | 0.4 | 0.5             |
| 61801C  | GUELPH, ONT.<br>PARQUHAR & WYNDHAM              | 71                                      | 52  | 65  | 42  | 42  | 54              | 0.4                        | 0.0 | 0.1 | 0.1 | 0.0 | 0.1             |
| 70102R  | WINNIPEG, MAN.<br>PORTAGE & WOODLAWN            | 62                                      | 89  | 39  | 55  | 59  | 61              | 0.2                        | 0.6 | 0.5 | 0.4 | 0.3 | 0.4             |
| 70104I  | UNION STOCK YARDS                               | 159                                     | 100 | 58  | -   | 41  | 90              | 0.3                        | 0.2 | 0.1 | -   | 0.1 | 0.2             |
| 70118R  | JEFFERSON & SCOTIA                              | 58                                      | 36  | 11  | 18  | 32  | 31              | 0.2                        | 0.2 | 0.1 | 0.1 | 0.2 | 0.2             |
| 70119C  | 65 ELLEN STREET                                 | 103                                     | 93  | 28  | 27  | 64  | 63              | 0.5                        | 0.3 | 0.2 | 0.2 | 0.4 | 0.3             |
| 70120R  | 604 ST. MARY'S RD.                              | 91                                      | 44  | 17  | 31  | -   | 46              | 0.5                        | 0.2 | 0.1 | 0.2 | -   | 0.3             |
| 70201C  | BRANDON, MAN.<br>11TH ST. & PRINCESS AVE.       | 79                                      | 40  | 64  | 42  | -   | 56              | 0.2                        | 0.2 | 0.2 | 0.1 | -   | 0.2             |
| 80102R  | REGINA, SASK.<br>3211 ALBERT STREET             | 63                                      | 36  | -   | 24  | 41  | 41              | 0.1                        | 0.1 | -   | 0.1 | 0.2 | 0.1             |
| 80108C  | 12TH AVE. & SMITH ST.                           | 85                                      | 72  | 54  | 47  | 104 | 72              | 0.2                        | 0.3 | 0.2 | 0.2 | 0.2 | 0.2             |
| 80109C  | 1620 ALBERT STREET                              | 85                                      | 47  | 48  | 59  | 69  | 62              | 0.2                        | 0.1 | 0.2 | 0.3 | 0.2 | 0.2             |
| 80203R  | SASKATOON, SASK.<br>30TH ST. & 833 P AVE.       | 80                                      | 56  | 45  | 48  | 31  | 52              | 0.1                        | 0.2 | 0.1 | 0.1 | 0.1 | 0.1             |
| 80209C  | IDYLWYLD DR. & 33RD ST.                         | 78                                      | 85  | 88  | 57  | 50  | 72              | 0.1                        | 0.3 | 0.3 | 0.2 | 0.3 | 0.2             |
| 80301C  | MOOSE JAW, SASK.<br>FAIRFORD ST. & 1ST AVE.     | 90                                      | 58  | 57  | 37  | 53  | 59              | 0.1                        | 0.1 | 0.1 | 0.1 | 0.1 | 0.1             |
| 80401C  | PRINCE ALBERT, SASK.<br>1257-1ST AVE. EAST      | 182                                     | 79  | -   | 39  | 69  | 92              | 0.2                        | 0.3 | -   | 0.1 | 0.1 | 0.2             |

SUSPENDED PARTICULATE MATTER AND LEAD  
MICROGRAMS PER CUBIC METRE

JUNE - JUIN  
1981

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 |
|                     |                           | 3                                       | 9   | 15  | 21 | 27  |                 | 3                          | 9   | 15  | 21  | 27  |                 |
| EDMONTON, ALTA.     |                           |                                         |     |     |    |     |                 |                            |     |     |     |     |                 |
| 90121I              | 17 STREET & 105 AVENUE    | 47                                      | 96  | 92  | -  | 75  | 78              | -                          | -   | -   | -   | -   | -               |
| 90122R              | 127 ST. & 133 AVENUE      | 44                                      | 96  | 77  | 42 | 129 | 78              | -                          | -   | -   | -   | -   | -               |
| 90130C              | 10255 - 104TH STREET      | 85                                      | 115 | 128 | 84 | 121 | 107             | -                          | -   | -   | -   | -   | -               |
| CALGARY, ALTA.      |                           |                                         |     |     |    |     |                 |                            |     |     |     |     |                 |
| 90204C              | 316-7TH AVENUE            | 123                                     | 114 | 190 | 81 | 75  | 117             | -                          | -   | -   | -   | -   | -               |
| 90218I              | BONNY BRK & 18A ST. S.E.  | 112                                     | 81  | 146 | 57 | 59  | 91              | -                          | -   | -   | -   | -   | -               |
| 90222R              | 39 ST. & 29 AVE. N.W.     | 53                                      | 44  | 68  | 47 | 29  | 48              | -                          | -   | -   | -   | -   | -               |
| RED DEER, ALTA.     |                           |                                         |     |     |    |     |                 |                            |     |     |     |     |                 |
| 90301C              | 4747 50TH STREET          | 56                                      | 57  | 56  | 35 | 41  | 49              | -                          | -   | -   | -   | -   | -               |
| LETHBRIDGE, ALTA.   |                           |                                         |     |     |    |     |                 |                            |     |     |     |     |                 |
| 90501C              | 13 ST. & 9 AVENUE S.      | 153                                     | 66  | 42  | 41 | -   | 76              | -                          | -   | -   | -   | -   | -               |
| YELLOWKNIFE, N.W.T. |                           |                                         |     |     |    |     |                 |                            |     |     |     |     |                 |
| 99001C              | 50TH AVE. & 49TH STREET   | -                                       | -   | -   | -  | -   | -               | -                          | -   | -   | -   | -   | -               |
| VANCOUVER, B.C.     |                           |                                         |     |     |    |     |                 |                            |     |     |     |     |                 |
| 00102R              | 100 RICHMOND STREET       | 39                                      | 50  | 50  | 22 | 58  | 44              | 0.4                        | 0.3 | 0.4 | 0.3 | 0.5 | 0.4             |
| 00104R              | 27TH & ONTARIO            | 36                                      | 38  | 48  | 30 | 38  | 38              | 0.3                        | 0.4 | 0.4 | 0.4 | 0.5 | 0.4             |
| 00106R              | 2294 WEST 10TH AVENUE     | 36                                      | 28  | 39  | -  | 30  | 33              | 0.4                        | 0.3 | 0.4 | -   | 0.3 | 0.3             |
| 00108I              | 250 WEST 70TH AVENUE      | 57                                      | 54  | -   | -  | 44  | 52              | 0.3                        | 0.3 | -   | -   | 0.3 | 0.3             |
| 00109C              | 970 BURRARD               | 65                                      | 55  | 65  | 32 | 52  | 54              | 0.7                        | 0.5 | 0.6 | 0.4 | 0.6 | 0.6             |
| 00110R              | E. HASTINGS & KENSINGTON  | 37                                      | 34  | 38  | 22 | 45  | 35              | 0.4                        | 0.3 | 0.3 | 0.2 | 0.4 | 0.3             |
| 00111I              | ROCKY PT. PARK            | 47                                      | 31  | 40  | 20 | -   | 35              | 0.4                        | 0.2 | 0.2 | 0.1 | -   | 0.2             |
| 00113R              | BCIT BURNABY              | 39                                      | 48  | 51  | 24 | 65  | 45              | 0.1                        | 0.1 | 0.3 | 0.2 | 0.3 | 0.2             |
| 00114C              | MUNICIPAL HALL, RICHMOND  | -                                       | -   | -   | -  | -   | -               | -                          | -   | -   | -   | -   | -               |
| 00115R              | NEWTON ELEM. SCH., SURREY | 26                                      | 27  | 35  | 13 | 46  | 29              | 0.2                        | 0.2 | 0.2 | 0.2 | 0.4 | 0.2             |
| 00116R              | FIRE HALL, N. VANCOUVER   | 47                                      | 42  | 50  | 26 | 50  | 43              | 0.6                        | 0.6 | 0.5 | 0.5 | 0.6 | 0.6             |
| 00117I              | ANNACIS ISLAND, DELTA     | 35                                      | 51  | 43  | 20 | 45  | 39              | 0.4                        | 0.4 | 0.4 | 0.3 | 0.6 | 0.4             |
| PRINCE GEORGE, B.C. |                           |                                         |     |     |    |     |                 |                            |     |     |     |     |                 |
| 00202C              | 1011 4TH AVENUE           | 78                                      | 70  | -   | 53 | 56  | 64              | 0.2                        | 0.2 | -   | 0.1 | 0.2 | 0.2             |
| VICTORIA, B.C.      |                           |                                         |     |     |    |     |                 |                            |     |     |     |     |                 |
| 00302C              | 1106 COOK ST.             | 54                                      | 42  | 49  | 32 | 55  | 46              | 0.3                        | 0.4 | 0.4 | 0.3 | 0.3 | 0.3             |
| KAMLOOPS, B.C.      |                           |                                         |     |     |    |     |                 |                            |     |     |     |     |                 |
| 00401C              | 301 SEYMOUR ST.           | 81                                      | 54  | 109 | 42 | 42  | 66              | 0.4                        | 0.4 | 0.5 | 0.2 | 0.1 | 0.3             |
| WHITEHORSE, YUKON   |                           |                                         |     |     |    |     |                 |                            |     |     |     |     |                 |
| 09001C              | FEDERAL BUILDING          | 55                                      | -   | 76  | 77 | -   | 69              | 0.2                        | -   | 0.2 | 0.2 | -   | 0.2             |

COMBINATION OF SULPHUR DIOXIDE AND  
SUSPENDED PARTICULATES  
1000\*(MICROGRAMS/CU.METRE)\*\*2JUNE - JUIN  
1981DIOXYDE DE SOUFRE ET  
PARTICULES EN ASSOCIATION  
1000\*(MICROGRAMMES/METRE CUBE)\*\*2

| STATION | LOCATION<br>EMPLACEMENT                     | *----- DAY / JOUR -----* |   |    |    |    |
|---------|---------------------------------------------|--------------------------|---|----|----|----|
|         |                                             | 3                        | 9 | 15 | 21 | 27 |
| 10101C  | ST. JOHN'S, NFLD.<br>DUCKWORTH & ORDINANCE  | -                        | 0 | -  | 0  | 1  |
| 20101C  | CHARLOTTETOWN, P.E.I.<br>56 FITZROY ST.     | 0                        | 0 | -  | -  | 0  |
| 30114R  | HALIFAX, N.S.<br>MT ST VINCENT UNIVERSITY   | 0                        | - | -  | 0  | 0  |
| 30115I  | CFB SHEARWATER                              | -                        | 0 | 0  | 0  | 0  |
| 30310C  | SYDNEY, N.S.<br>COUNTY JAIL                 | 0                        | 0 | 0  | 0  | -  |
| 30311R  | WHITNEY PIER FIRE STN.                      | -                        | 3 | -  | -  | 1  |
| 30408R  | GLACE BAY, N.S.<br>SOUTH STREET             | -                        | - | -  | -  | -  |
| 50102R  | MONTREAL, QUEBEC<br>JARDIN BOTANIQUE        | 1                        | - | -  | 2  | 0  |
| 50103R  | POINTE-AUX-TREMBLES                         | 1                        | - | 3  | 1  | 2  |
| 50104C  | 1125 ONTARIO EST                            | 3                        | 2 | 5  | 2  | -  |
| 50105C  | 1212 DRUMMOND                               | -                        | - | -  | -  | -  |
| 50106R  | VILLE ST-LAURENT                            | 0                        | 0 | -  | 0  | 0  |
| 50109C  | DUNCAN & DECARIE                            | 0                        | 3 | -  | -  | -  |
| 50110C  | PARC PILON, MTL.-NORD                       | 0                        | 0 | 0  | 0  | 0  |
| 50111C  | 2900 BOUL. CONCORDE                         | -                        | - | -  | -  | -  |
| 50112C  | BOUL. LAURENTIDES                           | -                        | - | 0  | -  | 0  |
| 50113R  | PIE X & CARDINAL                            | 0                        | 0 | 0  | 0  | 0  |
| 50115C  | METCALFE & MAISONNEUVE                      | -                        | - | -  | -  | -  |
| 50116R  | 3161 JOSEPH, VERDUN                         | 1                        | 0 | 0  | 3  | 0  |
| 50203R  | HULL, QUEBEC<br>GAMELIN & JOFFRE            | 1                        | 0 | 0  | 0  | 0  |
| 50303I  | QUEBEC, QUEBEC<br>CENTRE LOISIRS LIMOILLOU  | -                        | - | -  | -  | -  |
| 50304C  | 325 DORCHESTER SUD                          | -                        | - | -  | -  | -  |
| 50306R  | 2026 BLVD. ST-CYRILLE                       | -                        | - | -  | 0  | 0  |
| 50601C  | ROUYN, QUEBEC<br>HOTEL DE VILLE             | 1                        | 2 | 0  | 1  | 0  |
| 50701C  | SEPT-ILES, QUEBEC<br>HOTEL DE VILLE         | 1                        | 0 | 0  | 0  | 0  |
| 50801R  | TROIS-RIVIERES, QUEBEC<br>HART & STE-CECILE | 2                        | 1 | -  | 9  | 0  |
| 50901R  | ARVIDA, QUEBEC<br>POWELL & HOOPES           | 3                        | - | 38 | 13 | 0  |
| 51201I  | SHAWINIGAN, QUEBEC<br>FRIGON & LAVAL        | 22                       | 0 | 15 | 7  | 0  |
| 51301R  | BAIE COMEAU, QUEBEC<br>39 AVE. MARGUETTE    | 0                        | - | -  | -  | 0  |
| 60101C  | OTTAWA, ONT.<br>88 SLATER ST.               | 1                        | 1 | 1  | 0  | 1  |
| 60104C  | RIDEAU & WURTEMBERG                         | 0                        | 0 | -  | 0  | 0  |
| 60105R  | NRC, MONTREAL ROAD                          | 0                        | 0 | 0  | 1  | 0  |
| 60201I  | WINDSOR, ONT.<br>MORTON TERMINAL DOCK       | 0                        | 1 | 1  | 1  | 0  |
| 60204C  | 471 UNIVERSITY AVENUE                       | -                        | 1 | 5  | 0  | 0  |
| 60401C  | TORONTO, ONT.<br>67 COLLEGE STREET          | 0                        | 0 | 0  | -  | -  |
| 60402R  | DON MILLS, SCIENCE CNTR                     | 2                        | - | 4  | 0  | -  |
| 60403I  | EVANS & ARNOLD                              | 0                        | 0 | 3  | 0  | 2  |
| 60409R  | REDLANDS CRESCENT                           | 1                        | 0 | 1  | 0  | 0  |
| 60410R  | LAWRENCE & KENNEDY                          | 1                        | 2 | -  | 1  | 1  |
| 60412R  | BATHURST & WILSON                           | -                        | - | -  | -  | -  |
| 60413R  | ELMCREST ROAD                               | 0                        | 0 | 1  | 1  | 0  |
| 60414I  | SHERBOURNE & WILTON ST.                     | 0                        | 0 | 0  | 0  | 0  |
| 60415R  | QUEENSWAY W & HURONTARIO                    | -                        | - | -  | 0  | 4  |
| 60417C  | 26 BREADALBANE                              | -                        | - | -  | 3  | -  |
| 60501C  | HAMILTON, ONT.<br>BARTON & SANFORD          | 9                        | 2 | 0  | 7  | 0  |
| 60505R  | NORTH PARK                                  | 1                        | 2 | -  | -  | 2  |
| 60602R  | SUDBURY, ONT.<br>ASH STREET                 | 1                        | - | -  | -  | -  |
| 60806R  | THUNDER BAY, ONT.<br>435 JAMES S.           | 0                        | 0 | 0  | 0  | 0  |

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

81 - 95

JUNE - JUIN  
1981

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

| STATION | LOCATION<br>EMPLACEMENT                        | *----- DAY / JOUR -----* |   |    |    |    |
|---------|------------------------------------------------|--------------------------|---|----|----|----|
|         |                                                | 3                        | 9 | 15 | 21 | 27 |
| 60901C  | LONDON, ONT.<br>KING & RECTORY                 | 1                        | 2 | 3  | 1  | 1  |
| 61004R  | SARNIA, ONT.<br>FRONT ST. AT C.N. TRACKS       | 6                        | 1 | 4  | 1  | 3  |
| 61103C  | PETERBOROUGH, ONT.<br>500 GEORGE STREET        | 0                        | - | -  | -  | -  |
| 61201R  | CORNWALL, ONT.<br>MEMORIAL PARK                | 1                        | 0 | 0  | 1  | 2  |
| 61301C  | ST. CATHARINES, ONT.<br>NORTH ST. & GENEVA ST. | 0                        | - | 7  | 0  | 1  |
| 61501C  | KITCHENER, ONT.<br>EDNA & FREDERICK            | 1                        | 0 | 0  | 0  | 0  |
| 61602R  | OAKVILLE, ONT.<br>BRONTE AND WOBURN CRES.      | 0                        | 0 | -  | 0  | 1  |
| 61701R  | OSHAWA, ONT.<br>RITSON RD. & OLIVE AVE.        | 0                        | 0 | 0  | 0  | 0  |
| 61801C  | GUELPH, ONT.<br>FARQUHAR & WYNDHAM             | -                        | - | -  | -  | -  |
| 70118R  | WINNIPEG, MAN.<br>JEFFERSON & SCOTIA           | 0                        | 0 | 0  | 0  | 0  |
| 70119C  | 65 ELLEN STREET                                | 0                        | 0 | 0  | 0  | 0  |
| 70120R  | 604 ST. MARY'S RD.                             | 1                        | 0 | 0  | 0  | -  |
| 80109C  | REGINA, SASK.<br>1620 ALBERT STREET            | -                        | - | -  | -  | -  |
| 80209C  | SASKATOON, SASK.<br>IDYLWYLD DR. & 33RD ST.    | 0                        | 0 | -  | 0  | 0  |
| 80301C  | MOOSE JAW, SASK.<br>FAIRFORD ST. & 1ST AVE.    | 0                        | 0 | -  | -  | -  |
| 80401C  | PRINCE ALBERT, SASK.<br>1257-1ST AVE. EAST     | 0                        | 0 | -  | 0  | -  |
| 90121I  | EDMONTON, ALTA.<br>17 STREET & 105 AVENUE      | 0                        | 1 | 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 | 0  | -  | 0  |
| 00110R  | E. HASTINGS & KENSINGTON                       | 0                        | 0 | -  | 0  | 1  |
| 00111I  | ROCKY PT. PARK                                 | 0                        | - | 1  | 0  | -  |
| 00302C  | VICTORIA, B.C.<br>1106 COOK ST.                | -                        | - | -  | -  | -  |
| 00401C  | KAMLOOPS, B.C.<br>301 SEYMOUR ST.              | 0                        | 0 | 0  | 0  | 0  |

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

JUNE - JUIN  
1981

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

| STATION | LOCATION<br>EMPLACEMENT                            | DUSTFALL<br>RETOMBEES DE POUSSIÈRES | SO3    |
|---------|----------------------------------------------------|-------------------------------------|--------|
| 30301R  | SYDNEY, N.S.<br>MURPHY ROAD                        | 10.8                                | - **   |
| 30309I  | PT EDWARD, RICHMOND PLST                           | 6.0                                 | 0.6 ** |
| 30310C  | COUNTY JAIL                                        | 9.3                                 | 0.2 ** |
| 30311R  | WHITNEY PIER FIRE STN.                             | 18.7                                | 6.2 ** |
| 30401R  | GLACE BAY, N.S.<br>LAKE ROAD                       | -                                   | - **   |
| 30405C  | GENERAL HOSPITAL                                   | 7.0                                 | 0.5 ** |
| 50101R  | MONTREAL, QUEBEC<br>PARC JARRY                     | -                                   | - *    |
| 50102R  | JARDIN BOTANIQUE                                   | -                                   | - *    |
| 50103R  | POINTE-AUX-TREMBLES                                | -                                   | -      |
| 50106R  | VILLE ST-LAURENT                                   | -                                   | - *    |
| 50107R  | VILLE LASALLE                                      | -                                   | - *    |
| 60403I  | TORONTO, ONT.<br>EVANS & ARNOLD                    | 14.3                                | -      |
| 60404R  | 5126 YONGE STREET                                  | 2.7                                 | -      |
| 60405I  | JOHN STREET PUMP STATION                           | 12.0                                | -      |
| 60406R  | ROSEHILL RESERVOIR                                 | 3.5                                 | -      |
| 60408C  | DANFORTH & ROBINSON                                | 4.7                                 | -      |
| 60501C  | HAMILTON, ONT.<br>BARTON & SANFORD                 | 11.6                                | -      |
| 60502I  | BURLINGTON & GAGE                                  | 17.6                                | -      |
| 60503I  | CHATHAM & FRID                                     | 14.1                                | -      |
| 60507C  | HUGHSON & HUNTER                                   | 26.9                                | -      |
| 60510I  | STRATHEARN                                         | 34.4                                | -      |
| 60702R  | SAULT STE. MARIE, ONT.<br>ANNA MCREA PUBLIC SCHOOL | -                                   | -      |
| 60703I  | BAYVIEW & YOUNG                                    | -                                   | -      |
| 60801C  | THUNDER BAY, ONT.<br>14 ALGOMA STREET              | 8.4                                 | -      |
| 60901C  | LONDON, ONT.<br>KING & RECTORY                     | 2.9                                 | -      |
| 70105R  | WINNIPEG, MAN.<br>MARTIN & HENDERSON HWY           | 23.5                                | 0.1 ** |
| 70110C  | KENNEDY & ST. MARY'S                               | 10.2                                | -      |
| 70113I  | WINDERMERE & ROCKMAN                               | 12.8                                | 0.0 ** |
| 70115C  | PORTAGE & MINTO                                    | 13.7                                | 0.1 ** |
| 70116I  | SMITH & KING                                       | 15.5                                | 0.1 ** |
| 90125C  | EDMONTON, ALTA.<br>PRINS ELIZABETH & 108 ST        | 4.4                                 | - **   |
| 90126R  | 77 AVENUE & 85 STREET                              | 8.7                                 | 0.1 ** |
| 90127I  | 115 AVENUE & 159 STREET                            | 54.2                                | 0.2 ** |
| 90128R  | 99 AVENUE & 160 STREET                             | 10.4                                | 0.1 ** |
| 90219C  | CALGARY, ALTA.<br>620-7TH AVENUE, S.W.             | 9.3                                 | 0.2 ** |
| 90221R  | DALHOUSIE DR & DALHAM DR                           | 1.4                                 | - **   |
| 90223C  | 11 ST. & 38 AVE. S.E.                              | 10.2                                | 0.2 ** |
| 90224I  | OGDENDALE & 71 AVE S.E.                            | 14.2                                | - **   |
| 90225R  | PALLISER DR & OAKWOOD SW                           | 4.8                                 | 0.1 ** |
| 90226I  | SHEPPARD & 84 AVE S.E.                             | -                                   | - **   |

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

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