

# National Air Pollution Surveillance

# Surveillance nationale de la pollution atmosphérique

## Monthly Summary

## Extrait mensuel

Report EPS 7/AP/12-89  
December 1989

Rapport SPE 7/AP/12-89  
Decembre 1989



Environnement  
Canada

Environnement  
Canada

Canada

SULPHUR DIOXIDE  
PARTS PER HUNDRED MILLIONDECEMBER - DECEMBRE  
1989DIOXYDE DE SOUFRE  
PARTIES PAR CENT MILLIONS

| STATION | LOCATION<br>EMPLACEMENT                     | NUMBER OF<br>HOURLY SAMPLES<br>NOMBRE DE<br>DONNEES HORAIRES | MONTHLY<br>MEAN<br>MOYENNE<br>MENSUELLE | FREQUENCY DISTRIBUTIONS - CENTILES - |    |    |     | DISTRIBUTIONS DES FREQUENCES |    |    |     |
|---------|---------------------------------------------|--------------------------------------------------------------|-----------------------------------------|--------------------------------------|----|----|-----|------------------------------|----|----|-----|
|         |                                             |                                                              |                                         | INTERVALS - INTERVALLES              |    |    |     | MEANS ---- MOYENNES          |    |    |     |
|         |                                             |                                                              |                                         | 1-HOUR / HEURE                       |    |    |     | 24-HOUR / HEURES             |    |    |     |
|         |                                             |                                                              |                                         | 70                                   | 95 | 99 | MAX | 70                           | 95 | 99 | MAX |
| 10102C  | ST. JOHN'S, NFLD.<br>354 WATER STREET       | 713                                                          | 0.6                                     | 1                                    | 2  | 3  | 5   | 1                            | 2  | 2  | 2   |
| 20101C  | CHARLOTTETOWN, P.E.I.<br>56 FITZROY ST.     | 709                                                          | 0.3                                     | 0                                    | 1  | 1  | 3   | 0                            | 1  | 1  | 1   |
| 30115I  | HALIFAX, N.S.<br>CFB SHEARWATER             | 0                                                            | ---                                     | -                                    | -  | -  | -   | -                            | -  | -  | -   |
| 30117C  | BEDFORD ROW POST OFFICE                     | 0                                                            | ---                                     | -                                    | -  | -  | -   | -                            | -  | -  | -   |
| 30310C  | SYDNEY, N.S.<br>COUNTY JAIL                 | 145                                                          | ---                                     | 0                                    | 0  | 0  | 1   | 0                            | 0  | 0  | 0   |
| 30409R  | GLACE BAY, N.S.<br>SOUTH STREET             | 713                                                          | 0.5                                     | 0                                    | 3  | 6  | 10  | 1                            | 2  | 4  | 5   |
| 40202C  | SAINT JOHN, N.B.<br>POST OFFICE             | 0                                                            | ---                                     | -                                    | -  | -  | -   | -                            | -  | -  | -   |
| 40203R  | FOREST HILLS                                | 0                                                            | ---                                     | -                                    | -  | -  | -   | -                            | -  | -  | -   |
| 50102R  | MONTREAL, QUEBEC<br>JARDIN BOTANIQUE        | 622                                                          | 2.2                                     | 2                                    | 6  | 8  | 10  | 3                            | 4  | 6  | 7   |
| 50103R  | POINTE-AUX-TREMBLES                         | 730                                                          | 2.5                                     | 3                                    | 7  | 10 | 17  | 3                            | 5  | 5  | 6   |
| 50104C  | 1125 ONTARIO EST                            | 721                                                          | 1.6                                     | 2                                    | 4  | 5  | 7   | 2                            | 3  | 4  | 4   |
| 50109C  | DUNCAN & DECARIE                            | 680                                                          | 1.4                                     | 2                                    | 4  | 6  | 9   | 2                            | 3  | 4  | 4   |
| 50110C  | PARC PILON, MTL.-NORD                       | 585                                                          | 1.8                                     | 2                                    | 4  | 5  | 7   | 2                            | 3  | 3  | 3   |
| 50112C  | BOUL. LAURENTIDES                           | 708                                                          | 1.2                                     | 2                                    | 3  | 5  | 9   | 2                            | 3  | 4  | 4   |
| 50113R  | PIE X & CARDINAL                            | 703                                                          | 0.8                                     | 1                                    | 3  | 3  | 5   | 1                            | 2  | 2  | 3   |
| 50115C  | 1001 BOUL MAISONNEUVE O.                    | 742                                                          | 2.7                                     | 3                                    | 6  | 7  | 9   | 3                            | 6  | 7  | 7   |
| 50116R  | 3161 JOSEPH, VERDUN                         | 605                                                          | 1.0                                     | 2                                    | 3  | 3  | 5   | 2                            | 2  | 3  | 3   |
| 50117R  | 7405 CHAMPAGNEUR                            | 627                                                          | 2.4                                     | 3                                    | 6  | 7  | 9   | 3                            | 5  | 5  | 6   |
| 50118R  | 820 ST. GERMAIN                             | 0                                                            | ---                                     | -                                    | -  | -  | -   | -                            | -  | -  | -   |
| 50119R  | 699 CURE POIRIER                            | 720                                                          | 0.8                                     | 1                                    | 2  | 3  | 5   | 1                            | 2  | 2  | 2   |
| 50120R  | 4TH. AVE. SOUTH, ROXBORO                    | 612                                                          | 1.3                                     | 2                                    | 4  | 5  | 6   | 2                            | 3  | 3  | 3   |
| 50203R  | HULL, QUEBEC<br>GAMELIN & JOFFRE            | 658                                                          | 0.8                                     | 1                                    | 2  | 3  | 3   | 1                            | 2  | 2  | 2   |
| 50303I  | QUEBEC, QUEBEC<br>CENTRE LOISIRS LIMOILLOU  | 0                                                            | ---                                     | -                                    | -  | -  | -   | -                            | -  | -  | -   |
| 50306R  | 2026 BLVD. ST-CYRILLE                       | 0                                                            | ---                                     | -                                    | -  | -  | -   | -                            | -  | -  | -   |
| 50307C  | PARC CARTIER BREBEOUF                       | 713                                                          | 0.7                                     | 1                                    | 2  | 3  | 3   | 1                            | 2  | 2  | 2   |
| 50308I  | 600 RUE DES SABLES                          | 219                                                          | ---                                     | 1                                    | 3  | 8  | 10  | 1                            | 2  | 3  | 3   |
| 50601C  | ROUYN, QUEBEC<br>HOTEL DE VILLE             | 585                                                          | 0.2                                     | 0                                    | 1  | 5  | 9   | 0                            | 1  | 1  | 1   |
| 50801R  | TROIS-RIVIERES, QUEBEC<br>HART & STE-CECILE | 713                                                          | 0.9                                     | 1                                    | 3  | 4  | 5   | 1                            | 2  | 3  | 3   |
| 50901R  | ARVIDA, QUEBEC<br>POWELL & HOOPES           | 706                                                          | 0.8                                     | 1                                    | 3  | 15 | 18  | 1                            | 2  | 5  | 9   |
| 51201I  | SHAWINIGAN, QUEBEC<br>FRIGON & LAVAL        | 713                                                          | 1.9                                     | 2                                    | 6  | 19 | 31  | 2                            | 5  | 7  | 7   |
| 51302R  | BAIE COMEAU, QUEBEC<br>39 AVENUE MANCE      | 692                                                          | 1.4                                     | 0                                    | 10 | 21 | 31  | 1                            | 6  | 9  | 9   |
| 60101C  | OTTAWA, ONT.<br>88 SLATER ST.               | 734                                                          | 1.4                                     | 1                                    | 5  | 8  | 11  | 2                            | 5  | 6  | 7   |
| 60104C  | RIDEAU & WURTEMBURG                         | 744                                                          | 0.6                                     | 1                                    | 2  | 3  | 7   | 1                            | 2  | 2  | 2   |
| 60204C  | WINDSOR, ONT.<br>471 UNIVERSITY AVENUE      | 736                                                          | 1.3                                     | 1                                    | 4  | 5  | 6   | 2                            | 3  | 4  | 4   |
| 60211R  | COLLEGE & PRINCE                            | 740                                                          | 1.3                                     | 2                                    | 3  | 5  | 6   | 2                            | 2  | 3  | 3   |
| 60212I  | WATER & WRIGHT AVE.                         | 742                                                          | 1.1                                     | 1                                    | 3  | 4  | 14  | 1                            | 2  | 3  | 3   |
| 60402R  | TORONTO, ONT.<br>DON MILLS, SCIENCE CNTR    | 744                                                          | 0.5                                     | 1                                    | 2  | 3  | 12  | 1                            | 2  | 2  | 2   |
| 60403I  | EVANS & ARNOLD                              | 739                                                          | 1.3                                     | 1                                    | 3  | 4  | 5   | 1                            | 2  | 2  | 3   |
| 60409R  | REDLANDS CRESCENT                           | 744                                                          | 0.4                                     | 0                                    | 1  | 3  | 5   | 1                            | 1  | 2  | 2   |
| 60410R  | LAWRENCE & KENNEDY                          | 744                                                          | 0.7                                     | 1                                    | 3  | 4  | 14  | 1                            | 2  | 2  | 3   |
| 60413R  | ELMCREST ROAD                               | 744                                                          | 0.5                                     | 1                                    | 2  | 3  | 7   | 1                            | 2  | 2  | 2   |
| 60415R  | QUEENSWAY W & HURONTARIO                    | 744                                                          | 0.6                                     | 1                                    | 2  | 3  | 23  | 1                            | 2  | 2  | 2   |
| 60417C  | 26 BREADALBANE STREET                       | 744                                                          | 0.6                                     | 1                                    | 2  | 3  | 7   | 1                            | 2  | 3  | 3   |
| 60501C  | HAMILTON, ONT.<br>BARTON & SANFORD          | 731                                                          | 0.8                                     | 1                                    | 3  | 4  | 6   | 1                            | 2  | 2  | 3   |
| 60511R  | 467 BEACH BLVD.                             | 733                                                          | 2.1                                     | 3                                    | 5  | 8  | 11  | 3                            | 4  | 5  | 5   |
| 60512C  | BEASLEY PARK                                | 726                                                          | 0.9                                     | 1                                    | 2  | 4  | 6   | 1                            | 2  | 2  | 2   |

--- 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 MILLIONDECEMBER - DECEMBRE  
1989DIOXYDE DE SOUFRE  
PARTIES PAR CENT MILLIONS

| STATION | LOCATION<br>EMPLACEMENT                         | NUMBER OF<br>HOURLY SAMPLES<br>NOMBRE DE<br>DONNEES HORAIRES | MONTHLY<br>MEAN<br>MOYENNE<br>MENSUELLE | FREQUENCY DISTRIBUTIONS - CENTILES - |    |    |     | DISTRIBUTIONS DES FREQUENCES |    |    |     |
|---------|-------------------------------------------------|--------------------------------------------------------------|-----------------------------------------|--------------------------------------|----|----|-----|------------------------------|----|----|-----|
|         |                                                 |                                                              |                                         | INTERVALS - INTERVALLES              |    |    |     | MEANS ---- MOYENNES          |    |    |     |
|         |                                                 |                                                              |                                         | 1-HOUR / HEURE                       |    |    |     | 24-HOUR / HEURES             |    |    |     |
|         |                                                 |                                                              |                                         | 70                                   | 95 | 99 | MAX | 70                           | 95 | 99 | MAX |
| 60602R  | SUDBURY, ONT.<br>ASH STREET                     | 741                                                          | 0.7                                     | 1                                    | 2  | 10 | 35  | 1                            | 2  | 3  | 4   |
| 60606C  | KENNEDY STREET                                  | 741                                                          | 0.9                                     | 1                                    | 3  | 13 | 46  | 1                            | 3  | 4  | 5   |
| 60607R  | SCIENCE CENTRE NORTH                            | 742                                                          | 0.8                                     | 1                                    | 3  | 10 | 25  | 1                            | 3  | 4  | 4   |
| 60707I  | SAULT STE. MARIE, ONT.<br>WM. MERRIFIELD SCHOOL | 739                                                          | 0.4                                     | 0                                    | 2  | 5  | 8   | 1                            | 2  | 3  | 3   |
| 60807R  | THUNDER BAY, ONT.<br>615 JAMES STREET SOUTH     | 741                                                          | 0.0                                     | 0                                    | 0  | 1  | 2   | 0                            | 0  | 0  | 0   |
| 60901C  | LONDON, ONT.<br>KING & RECTORY                  | 737                                                          | 1.1                                     | 1                                    | 3  | 3  | 6   | 1                            | 2  | 2  | 2   |
| 61004R  | SARNIA, ONT.<br>FRONT ST. AT C.N. TRACKS        | 737                                                          | 0.8                                     | 1                                    | 3  | 5  | 8   | 1                            | 2  | 3  | 3   |
| 61103C  | PETERBOROUGH, ONT.<br>500 GEORGE STREET         | 744                                                          | 0.5                                     | 1                                    | 1  | 2  | 3   | 1                            | 1  | 2  | 2   |
| 61201R  | CORNWALL, ONT.<br>MEMORIAL PARK                 | 742                                                          | 1.3                                     | 2                                    | 5  | 9  | 13  | 2                            | 3  | 4  | 4   |
| 61302C  | ST. CATHARINES, ONT.<br>ARGYLE CRESCENT         | 729                                                          | 0.6                                     | 1                                    | 2  | 4  | 5   | 1                            | 2  | 2  | 2   |
| 61501C  | KITCHENER, ONT.<br>EDNA & FREDERICK             | 742                                                          | 0.6                                     | 1                                    | 2  | 2  | 4   | 1                            | 1  | 2  | 2   |
| 61602R  | OAKVILLE, ONT.<br>BRONTE AND WOBURN CRES.       | 734                                                          | 1.0                                     | 1                                    | 3  | 4  | 10  | 1                            | 2  | 3  | 3   |
| 61701R  | OSHAWA, ONT.<br>RITSON RD. & OLIVE AVE.         | 744                                                          | 0.8                                     | 1                                    | 2  | 3  | 4   | 1                            | 2  | 2  | 2   |
| 61802R  | GUELPH, ONT.<br>EXHIBITION PARK                 | 719                                                          | 0.6                                     | 1                                    | 2  | 2  | 3   | 1                            | 2  | 2  | 2   |
| 62001R  | NORTH BAY, ONT.<br>O.P.P. STATION               | 741                                                          | 0.4                                     | 0                                    | 1  | 3  | 4   | 1                            | 1  | 2  | 2   |
| 70118R  | WINNIPEG, MAN.<br>JEFFERSON & SCOTIA            | 706                                                          | 0.2                                     | 0                                    | 1  | 1  | 2   | 0                            | 0  | 1  | 1   |
| 70119C  | 65 ELLEN STREET                                 | 678                                                          | 0.4                                     | 0                                    | 2  | 3  | 7   | 1                            | 1  | 2  | 2   |
| 80110C  | REGINA, SASK.<br>2505 11TH. AVENUE              | 706                                                          | 0.1                                     | 0                                    | 0  | 1  | 1   | 0                            | 0  | 0  | 0   |
| 80209C  | SASKATOON, SASK.<br>IDYLNWYLD DR. & 33RD ST.    | 708                                                          | 0.0                                     | 0                                    | 0  | 0  | 0   | 0                            | 0  | 0  | 0   |
| 90121I  | EDMONTON, ALTA.<br>17 STREET & 105 AVENUE       | 741                                                          | 0.3                                     | 0                                    | 1  | 1  | 2   | 0                            | 1  | 1  | 1   |
| 90218I  | CALGARY, ALTA.<br>BONNY BRK & 18A ST. S.E.      | 738                                                          | 0.3                                     | 0                                    | 1  | 1  | 2   | 0                            | 1  | 1  | 1   |
| 00110R  | VANCOUVER, B.C.<br>E. HASTINGS & KENSINGTON     | 730                                                          | 0.9                                     | 1                                    | 2  | 4  | 5   | 1                            | 2  | 2  | 2   |
| 00111I  | ROCKY PT. PARK                                  | 733                                                          | 0.4                                     | 0                                    | 1  | 3  | 4   | 1                            | 1  | 1  | 2   |
| 00112C  | ROBSON/HORNEY                                   | 735                                                          | 1.0                                     | 1                                    | 2  | 3  | 4   | 1                            | 2  | 2  | 2   |
| 00118R  | 2550 WEST 10TH AVENUE                           | 598                                                          | 0.6                                     | 1                                    | 2  | 2  | 2   | 1                            | 1  | 1  | 1   |
| 00303C  | VICTORIA, B.C.<br>1250 QUADRA ST.               | 0                                                            | ---                                     | -                                    | -  | -  | -   | -                            | -  | -  | -   |
| 00401C  | KAMLOOPS, B.C.<br>301 SEYMOUR ST.               | 0                                                            | ---                                     | -                                    | -  | -  | -   | -                            | -  | -  | -   |

CARBON MONOXIDE  
PARTS PER MILLIONDECEMBER - DECEMBRE  
1989MONOXYDE DE CARBONE  
PARTIES PAR MILLION

| STATION | LOCATION<br>EMPLACEMENT                         | NUMBER OF<br>HOURLY SAMPLES<br>NOMBRE DE<br>DONNEES HORAIRES | MONTHLY<br>MEAN<br>MOYENNE<br>MENSUELLE | FREQUENCY DISTRIBUTIONS - CENTILES - DISTRIBUTIONS DES FREQUENCES |    |                |     | MEANS           |    |                  |     | MOYENNES |    |    |     |
|---------|-------------------------------------------------|--------------------------------------------------------------|-----------------------------------------|-------------------------------------------------------------------|----|----------------|-----|-----------------|----|------------------|-----|----------|----|----|-----|
|         |                                                 |                                                              |                                         | INTERVALS - INTERVALLES                                           |    | 1-HOUR / HEURE |     | 8-HOUR / HEURES |    | 24-HOUR / HEURES |     | 70       |    | 95 |     |
|         |                                                 |                                                              |                                         | 70                                                                | 95 | 99             | MAX | 70              | 95 | 99               | MAX | 70       | 95 | 99 | MAX |
| 10102C  | ST. JOHN'S, NFLD.<br>354 WATER STREET           | 0                                                            | ---                                     | -                                                                 | -  | -              | -   | -               | -  | -                | -   | -        | -  | -  | -   |
| 30117C  | HALIFAX, N.S.<br>BEDFORD ROW POST OFFICE        | 744                                                          | 0.8                                     | 1                                                                 | 2  | 2              | 4   | 1               | 1  | 2                | 2   | 1        | 1  | 1  | 1   |
| 40202C  | SAINT JOHN, N.B.<br>POST OFFICE                 | 0                                                            | ---                                     | -                                                                 | -  | -              | -   | -               | -  | -                | -   | -        | -  | -  | -   |
| 50102R  | MONTREAL, QUEBEC<br>JARDIN BOTANIQUE            | 622                                                          | 0.5                                     | 1                                                                 | 2  | 3              | 5   | 1               | 2  | 2                | 3   | 1        | 1  | 2  | 2   |
| 50103R  | POINTE-AUX-TREMBLES                             | 0                                                            | ---                                     | -                                                                 | -  | -              | -   | -               | -  | -                | -   | -        | -  | -  | -   |
| 50104C  | 1125 ONTARIO EST                                | 721                                                          | 1.3                                     | 1                                                                 | 3  | 5              | 7   | 2               | 3  | 4                | 4   | 2        | 2  | 3  | 3   |
| 50109C  | DUNCAN & DECARIE                                | 727                                                          | 1.7                                     | 2                                                                 | 5  | 7              | 9   | 2               | 5  | 6                | 6   | 2        | 4  | 5  | 5   |
| 50110C  | PARC PILON, MTL.-NORD                           | 742                                                          | 0.9                                     | 1                                                                 | 3  | 6              | 8   | 1               | 3  | 4                | 4   | 1        | 3  | 3  | 3   |
| 50112C  | BOUL. LAURENTIDES                               | 0                                                            | ---                                     | -                                                                 | -  | -              | -   | -               | -  | -                | -   | -        | -  | -  | -   |
| 50113R  | PIE X & CARDINAL                                | 713                                                          | 1.0                                     | 1                                                                 | 3  | 5              | 8   | 1               | 3  | 4                | 5   | 1        | 3  | 3  | 3   |
| 50115C  | 1001 BOUL MAISONNEUVE O.                        | 742                                                          | 1.2                                     | 2                                                                 | 3  | 5              | 6   | 2               | 3  | 4                | 4   | 2        | 2  | 3  | 3   |
| 50116R  | 3161 JOSEPH, VERDUN                             | 480                                                          | 0.5                                     | 1                                                                 | 2  | 2              | 3   | 1               | 1  | 2                | 2   | 1        | 1  | 2  | 2   |
| 50119R  | 699 CURE POIRIER                                | 704                                                          | 0.8                                     | 1                                                                 | 2  | 5              | 8   | 1               | 2  | 4                | 4   | 1        | 2  | 3  | 3   |
| 50120R  | 4TH. AVE. SOUTH, ROXBORO                        | 397                                                          | 0.6                                     | 1                                                                 | 3  | 6              | 10  | 1               | 2  | 5                | 6   | 1        | 3  | 3  | 3   |
| 50203R  | HULL, QUEBEC<br>GAMELIN & JOFFRE                | 662                                                          | 0.9                                     | 1                                                                 | 3  | 5              | 8   | 1               | 2  | 4                | 5   | 1        | 2  | 3  | 3   |
| 50307C  | QUEBEC, QUEBEC<br>PARC CARTIER BREBOEUF         | 711                                                          | 0.9                                     | 1                                                                 | 3  | 4              | 6   | 1               | 3  | 3                | 4   | 1        | 2  | 3  | 3   |
| 60101C  | OTTAWA, ONT.<br>88 SLATER ST.                   | 732                                                          | 1.5                                     | 2                                                                 | 4  | 7              | 10  | 2               | 4  | 6                | 7   | 2        | 3  | 4  | 4   |
| 60104C  | RIDEAU & WURTEMBURG                             | 743                                                          | 1.0                                     | 1                                                                 | 2  | 4              | 7   | 1               | 2  | 2                | 3   | 1        | 2  | 2  | 2   |
| 60204C  | WINDSOR, ONT.<br>471 UNIVERSITY AVENUE          | 737                                                          | 1.2                                     | 1                                                                 | 2  | 3              | 5   | 1               | 2  | 3                | 4   | 1        | 2  | 3  | 3   |
| 60402R  | TORONTO, ONT.<br>DON MILLS, SCIENCE CNTR        | 744                                                          | 1.1                                     | 1                                                                 | 2  | 3              | 4   | 1               | 2  | 3                | 3   | 1        | 2  | 3  | 3   |
| 60403I  | EVANS & ARNOLD                                  | 738                                                          | 1.3                                     | 2                                                                 | 3  | 3              | 7   | 2               | 2  | 3                | 5   | 2        | 2  | 3  | 3   |
| 60410R  | LAWRENCE & KENNEDY                              | 744                                                          | 1.2                                     | 1                                                                 | 3  | 3              | 4   | 1               | 2  | 3                | 3   | 1        | 2  | 2  | 2   |
| 60413R  | ELMCREST ROAD                                   | 720                                                          | 0.5                                     | 1                                                                 | 2  | 3              | 5   | 1               | 2  | 2                | 3   | 1        | 1  | 2  | 2   |
| 60415R  | QUEENSWAY W & HURONTARIO                        | 744                                                          | 1.4                                     | 2                                                                 | 3  | 4              | 10  | 2               | 3  | 4                | 6   | 2        | 2  | 3  | 3   |
| 60416C  | 381 YONGE STREET                                | 744                                                          | 1.9                                     | 2                                                                 | 4  | 5              | 6   | 2               | 3  | 4                | 4   | 2        | 3  | 3  | 3   |
| 60417C  | 26 BREADALBANE STREET                           | 598                                                          | 0.8                                     | 1                                                                 | 1  | 2              | 2   | 1               | 1  | 1                | 2   | 1        | 1  | 1  | 1   |
| 60511R  | HAMILTON, ONT.<br>467 BEACH BLVD.               | 0                                                            | ---                                     | -                                                                 | -  | -              | -   | -               | -  | -                | -   | -        | -  | -  | -   |
| 60512C  | BEASLEY PARK                                    | 713                                                          | 1.0                                     | 1                                                                 | 2  | 2              | 3   | 1               | 2  | 2                | 2   | 1        | 1  | 2  | 2   |
| 60607R  | SUDBURY, ONT.<br>SCIENCE CENTRE NORTH           | 744                                                          | 0.9                                     | 1                                                                 | 2  | 3              | 4   | 1               | 2  | 2                | 2   | 1        | 1  | 2  | 2   |
| 60707I  | SAULT STE. MARIE, ONT.<br>WM. MERRIFIELD SCHOOL | 0                                                            | ---                                     | -                                                                 | -  | -              | -   | -               | -  | -                | -   | -        | -  | -  | -   |
| 60807R  | THUNDER BAY, ONT.<br>615 JAMES STREET SOUTH     | 744                                                          | 0.5                                     | 1                                                                 | 2  | 3              | 6   | 1               | 2  | 2                | 3   | 1        | 1  | 2  | 2   |
| 60901C  | LONDON, ONT.<br>KING & RECTORY                  | 739                                                          | 1.0                                     | 1                                                                 | 2  | 3              | 4   | 1               | 2  | 2                | 2   | 1        | 2  | 2  | 2   |
| 61004R  | SARNIA, ONT.<br>FRONT ST. AT C.N. TRACKS        | 739                                                          | ***                                     | 0                                                                 | 1  | 2              | 3   | 0               | 1  | 1                | 2   | 0        | 1  | 1  | 1   |
| 61201R  | CORNWALL, ONT.<br>MEMORIAL PARK                 | 740                                                          | 1.1                                     | 1                                                                 | 2  | 3              | 7   | 1               | 2  | 3                | 4   | 1        | 2  | 2  | 2   |
| 61302C  | ST. CATHARINES, ONT.<br>ARGYLE CRESCENT         | 731                                                          | 0.8                                     | 1                                                                 | 1  | 2              | 4   | 1               | 1  | 2                | 2   | 1        | 1  | 1  | 1   |
| 61501C  | KITCHENER, ONT.<br>EDNA & FREDERICK             | 742                                                          | 1.0                                     | 1                                                                 | 3  | 4              | 6   | 1               | 2  | 3                | 4   | 1        | 2  | 3  | 3   |
| 61602R  | OAKVILLE, ONT.<br>BRONTE AND WOBURN CRES.       | 732                                                          | 0.9                                     | 1                                                                 | 2  | 2              | 4   | 1               | 1  | 2                | 3   | 1        | 1  | 2  | 2   |
| 61701R  | OSHAWA, ONT.<br>RITSON RD. & OLIVE AVE.         | 521                                                          | 0.9                                     | 1                                                                 | 2  | 5              | 6   | 1               | 2  | 3                | 4   | 1        | 2  | 2  | 2   |
| 62001R  | NORTH BAY, ONT.<br>O.P.P. STATION               | 743                                                          | 0.9                                     | 1                                                                 | 3  | 4              | 7   | 1               | 2  | 3                | 3   | 1        | 2  | 2  | 2   |
| 70118R  | WINNIPEG, MAN.<br>JEFFERSON & SCOTIA            | 712                                                          | 0.6                                     | 1                                                                 | 1  | 2              | 4   | 1               | 1  | 2                | 2   | 1        | 1  | 1  | 1   |
| 70119C  | 65 ELLEN STREET                                 | 711                                                          | 0.9                                     | 1                                                                 | 2  | 3              | 8   | 1               | 2  | 2                | 3   | 1        | 2  | 2  | 2   |

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

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

CARBON MONOXIDE  
PARTS PER MILLIONDECEMBER - DECEMBRE  
1989MONOXYDE DE CARBONE  
PARTIES PAR MILLION

| STATION | LOCATION<br>EMPLACEMENT                     | NUMBER OF<br>HOURLY SAMPLES<br>NOMBRE DE<br>DONNEES HORAIRES | MONTHLY<br>MEAN<br>MOYENNE<br>MENSUELLE | FREQUENCY DISTRIBUTIONS - CENTILES - DISTRIBUTIONS DES FREQUENCES |    |    |     |                      |    |    |     |                  |    |    |     |
|---------|---------------------------------------------|--------------------------------------------------------------|-----------------------------------------|-------------------------------------------------------------------|----|----|-----|----------------------|----|----|-----|------------------|----|----|-----|
|         |                                             |                                                              |                                         | INTERVALS - INTERVALLES                                           |    |    |     | MEANS ----- MOYENNES |    |    |     | 24-HOUR / HEURES |    |    |     |
|         |                                             |                                                              |                                         | 1-HOUR / HEURE                                                    |    |    |     | 8-HOUR / HEURES      |    |    |     |                  |    |    |     |
|         |                                             |                                                              |                                         | 70                                                                | 95 | 99 | MAX | 70                   | 95 | 99 | MAX | 70               | 95 | 99 | MAX |
| 80110C  | REGINA, SASK.<br>2505 11TH. AVENUE          | 737                                                          | 1.4                                     | 2                                                                 | 3  | 4  | 9   | 2                    | 3  | 4  | 5   | 2                | 3  | 3  | 3   |
| 80209C  | SASKATOON, SASK.<br>IDYLWYLD DR. & 33RD ST. | 739                                                          | 0.7                                     | 1                                                                 | 1  | 2  | 3   | 1                    | 1  | 2  | 2   | 1                | 1  | 1  | 1   |
| 90121I  | EDMONTON, ALTA.<br>17 STREET & 105 AVENUE   | 741                                                          | 0.6                                     | 1                                                                 | 2  | 3  | 5   | 1                    | 2  | 2  | 2   | 1                | 1  | 2  | 2   |
| 90122R  | 127 ST. & 133 AVENUE                        | 741                                                          | 1.4                                     | 1                                                                 | 4  | 6  | 12  | 2                    | 3  | 5  | 6   | 2                | 3  | 3  | 3   |
| 90130C  | 10255 - 104TH STREET                        | 741                                                          | 2.2                                     | 3                                                                 | 5  | 7  | 10  | 3                    | 5  | 5  | 6   | 3                | 4  | 4  | 4   |
| 90222R  | CALGARY, ALTA.<br>39 ST. & 29 AVE. N.W.     | 742                                                          | 0.9                                     | 1                                                                 | 3  | 6  | 9   | 1                    | 3  | 4  | 5   | 1                | 2  | 2  | 3   |
| 90227C  | 611-4TH STREET S.W.                         | 737                                                          | 1.8                                     | 2                                                                 | 5  | 9  | 21  | 2                    | 5  | 7  | 10  | 2                | 4  | 5  | 5   |
| 00108I  | VANCOUVER, B.C.<br>250 WEST 70TH AVENUE     | 722                                                          | 2.2                                     | 2                                                                 | 6  | 10 | 14  | 3                    | 5  | 8  | 10  | 3                | 5  | 6  | 6   |
| 00110R  | E. HASTINGS & KENSINGTON                    | 732                                                          | 1.4                                     | 2                                                                 | 3  | 5  | 5   | 2                    | 3  | 4  | 5   | 2                | 3  | 3  | 4   |
| 00111I  | ROCKY PT. PARK                              | 513                                                          | 1.8                                     | 2                                                                 | 4  | 6  | 8   | 2                    | 4  | 5  | 6   | 2                | 3  | 4  | 4   |
| 00112C  | ROBSON/HORNBY                               | 733                                                          | 2.6                                     | 3                                                                 | 6  | 7  | 11  | 3                    | 5  | 6  | 7   | 3                | 5  | 6  | 6   |
| 00118R  | 2550 WEST 10TH AVENUE                       | 596                                                          | 2.3                                     | 3                                                                 | 7  | 9  | 10  | 3                    | 6  | 7  | 9   | 3                | 5  | 6  | 6   |
| 09001C  | WHITEHORSE, YUKON<br>FEDERAL BUILDING       | 715                                                          | 1.3                                     | 2                                                                 | 4  | 7  | 12  | 2                    | 4  | 6  | 7   | 2                | 3  | 4  | 4   |

NITROGEN DIOXIDE  
PARTS PER HUNDRED MILLIONDECEMBER - DECEMBRE  
1989DIOXYDE 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 |
| 30115I  | HALIFAX, N.S.            |                                                              |                                         |                                                                   |    |    |     |                  |    |    |     |
| 30117C  | CFB SHEARWATER           | 744                                                          | ***                                     | 1                                                                 | 2  | 3  | 4   | 1                | 1  | 2  | 2   |
|         | BEDFORD ROW POST OFFICE  | 744                                                          | 2.2                                     | 3                                                                 | 4  | 4  | 5   | 2                | 3  | 3  | 4   |
| 40202C  | SAINT JOHN, N.B.         |                                                              |                                         |                                                                   |    |    |     |                  |    |    |     |
| 40203R  | POST OFFICE              | 0                                                            | ---                                     | -                                                                 | -  | -  | -   | -                | -  | -  | -   |
|         | FOREST HILLS             | 0                                                            | ---                                     | -                                                                 | -  | -  | -   | -                | -  | -  | -   |
| 50102R  | MONTREAL, QUEBEC         |                                                              |                                         |                                                                   |    |    |     |                  |    |    |     |
| 50104C  | JARDIN BOTANIQUE         | 622                                                          | 2.4                                     | 3                                                                 | 4  | 5  | 6   | 3                | 3  | 4  | 4   |
| 50109C  | 1125 ONTARIO EST         | 721                                                          | 2.6                                     | 3                                                                 | 5  | 7  | 10  | 3                | 4  | 6  | 6   |
| 50110C  | DUNCAN & DECARIE         | 703                                                          | 2.2                                     | 3                                                                 | 4  | 5  | 5   | 3                | 3  | 4  | 4   |
| 50112C  | PARC PILON, MTL.-NORD    | 742                                                          | 2.0                                     | 3                                                                 | 4  | 5  | 6   | 3                | 4  | 5  | 5   |
| 50113R  | BOUL. LAURENTIDES        | 713                                                          | 2.7                                     | 4                                                                 | 5  | 7  | 10  | 4                | 5  | 6  | 6   |
| 50115C  | PIE X & CARDINAL         | 583                                                          | 4.6                                     | 6                                                                 | 6  | 8  | 10  | 5                | 6  | 7  | 7   |
| 50116R  | 1001 BOUL MAISONNEUVE O. | 742                                                          | 3.8                                     | 4                                                                 | 5  | 6  | 7   | 4                | 5  | 5  | 5   |
| 50119R  | 3161 JOSEPH, VERDUN      | 605                                                          | 2.5                                     | 3                                                                 | 4  | 4  | 5   | 3                | 3  | 4  | 4   |
| 50120R  | 699 CURE POIRIER         | 713                                                          | 3.3                                     | 4                                                                 | 5  | 7  | 10  | 4                | 5  | 6  | 6   |
|         | 4TH. AVE. SOUTH, ROXBORO | 725                                                          | 3.1                                     | 4                                                                 | 8  | 12 | 16  | 4                | 7  | 9  | 10  |
| 50203R  | HULL, QUEBEC             |                                                              |                                         |                                                                   |    |    |     |                  |    |    |     |
|         | GAMELIN & JOFFRE         | 687                                                          | 2.0                                     | 2                                                                 | 6  | 10 | 11  | 2                | 5  | 8  | 9   |
| 50307C  | QUEBEC, QUEBEC           |                                                              |                                         |                                                                   |    |    |     |                  |    |    |     |
|         | PARC CARTIER BREBOEUF    | 713                                                          | 3.7                                     | 4                                                                 | 6  | 6  | 7   | 4                | 5  | 5  | 5   |
| 60101C  | OTTAWA, ONT.             |                                                              |                                         |                                                                   |    |    |     |                  |    |    |     |
| 60104C  | 88 SLATER ST.            | 744                                                          | 3.0                                     | 3                                                                 | 4  | 5  | 7   | 3                | 4  | 4  | 4   |
|         | RIDEAU & WURTEMBERG      | 744                                                          | 2.3                                     | 3                                                                 | 4  | 4  | 5   | 3                | 3  | 3  | 4   |
| 60204C  | WINDSOR, ONT.            |                                                              |                                         |                                                                   |    |    |     |                  |    |    |     |
|         | 471 UNIVERSITY AVENUE    | 736                                                          | 2.5                                     | 3                                                                 | 4  | 5  | 6   | 3                | 4  | 4  | 4   |
| 60402R  | TORONTO, ONT.            |                                                              |                                         |                                                                   |    |    |     |                  |    |    |     |
| 60403I  | DON MILLS, SCIENCE CNTR  | 744                                                          | 2.9                                     | 3                                                                 | 4  | 5  | 5   | 3                | 4  | 4  | 4   |
| 60410R  | EVANS & ARNOLD           | 738                                                          | 2.7                                     | 3                                                                 | 4  | 5  | 6   | 3                | 4  | 4  | 4   |
| 60413R  | LAWRENCE & KENNEDY       | 744                                                          | 2.9                                     | 3                                                                 | 5  | 6  | 6   | 3                | 5  | 5  | 5   |
| 60415R  | ELMCREST ROAD            | 744                                                          | 3.1                                     | 4                                                                 | 5  | 6  | 10  | 4                | 4  | 5  | 5   |
| 60417C  | QUEENSWAY W & HURONTARIO | 744                                                          | 3.3                                     | 4                                                                 | 6  | 8  | 14  | 4                | 5  | 6  | 7   |
|         | 26 BREADALBANE STREET    | 744                                                          | 2.8                                     | 3                                                                 | 4  | 5  | 5   | 3                | 4  | 4  | 4   |
| 60511R  | HAMILTON, ONT.           |                                                              |                                         |                                                                   |    |    |     |                  |    |    |     |
| 60512C  | 467 BEACH BLVD.          | 733                                                          | 2.5                                     | 3                                                                 | 4  | 5  | 7   | 3                | 4  | 4  | 4   |
|         | BEASLEY PARK             | 725                                                          | 2.9                                     | 3                                                                 | 4  | 5  | 7   | 3                | 4  | 4  | 4   |
| 60607R  | SUDBURY, ONT.            |                                                              |                                         |                                                                   |    |    |     |                  |    |    |     |
|         | SCIENCE CENTRE NORTH     | 742                                                          | 1.7                                     | 2                                                                 | 4  | 4  | 5   | 2                | 3  | 3  | 3   |
| 60707I  | SAULT STE. MARIE, ONT.   |                                                              |                                         |                                                                   |    |    |     |                  |    |    |     |
|         | WM. MERRIFIELD SCHOOL    | 261                                                          | ---                                     | 2                                                                 | 3  | 3  | 4   | 2                | 2  | 2  | 2   |
| 60807R  | THUNDER BAY, ONT.        |                                                              |                                         |                                                                   |    |    |     |                  |    |    |     |
|         | 615 JAMES STREET SOUTH   | 744                                                          | 1.8                                     | 2                                                                 | 4  | 4  | 5   | 2                | 3  | 4  | 4   |
| 60901C  | LONDON, ONT.             |                                                              |                                         |                                                                   |    |    |     |                  |    |    |     |
|         | KING & RECTORY           | 736                                                          | 2.9                                     | 4                                                                 | 5  | 6  | 7   | 3                | 4  | 5  | 5   |
| 61004R  | SARNIA, ONT.             |                                                              |                                         |                                                                   |    |    |     |                  |    |    |     |
|         | FRONT ST. AT C.N. TRACKS | 741                                                          | 2.3                                     | 3                                                                 | 4  | 6  | 7   | 3                | 4  | 4  | 4   |
| 61201R  | CORNWALL, ONT.           |                                                              |                                         |                                                                   |    |    |     |                  |    |    |     |
|         | MEMORIAL PARK            | 743                                                          | 1.6                                     | 2                                                                 | 3  | 4  | 5   | 2                | 3  | 3  | 3   |
| 61302C  | ST. CATHARINES, ONT.     |                                                              |                                         |                                                                   |    |    |     |                  |    |    |     |
|         | ARGYLE CRESCENT          | 729                                                          | 2.5                                     | 3                                                                 | 4  | 4  | 5   | 3                | 4  | 4  | 4   |
| 61501C  | KITCHENER, ONT.          |                                                              |                                         |                                                                   |    |    |     |                  |    |    |     |
|         | EDNA & FREDERICK         | 742                                                          | 2.8                                     | 3                                                                 | 4  | 5  | 5   | 3                | 4  | 4  | 4   |
| 61602R  | OAKVILLE, ONT.           |                                                              |                                         |                                                                   |    |    |     |                  |    |    |     |
|         | BRONTE AND WOBURN CRES.  | 731                                                          | 2.7                                     | 3                                                                 | 5  | 6  | 9   | 3                | 4  | 4  | 5   |
| 61701R  | OSHAWA, ONT.             |                                                              |                                         |                                                                   |    |    |     |                  |    |    |     |
|         | RITSON RD. & OLIVE AVE.  | 744                                                          | 2.2                                     | 3                                                                 | 4  | 6  | 7   | 3                | 4  | 4  | 5   |
| 62001R  | NORTH BAY, ONT.          |                                                              |                                         |                                                                   |    |    |     |                  |    |    |     |
|         | O.P.P. STATION           | 428                                                          | ***                                     | 0                                                                 | 1  | 2  | 3   | 0                | 1  | 1  | 1   |
| 70118R  | WINNIPEG, MAN.           |                                                              |                                         |                                                                   |    |    |     |                  |    |    |     |
| 70119C  | JEFFERSON & SCOTIA       | 401                                                          | ***                                     | 1                                                                 | 2  | 4  | 4   | 1                | 2  | 2  | 2   |
|         | 65 ELLEN STREET          | 711                                                          | 2.1                                     | 3                                                                 | 3  | 4  | 7   | 2                | 3  | 4  | 4   |

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

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

NITROGEN DIOXIDE  
PARTS PER HUNDRED MILLION

DECEMBER - DECEMBRE  
1989

DIOXYDE D'AZOTE  
PARTIES PAR CENT MILLIONS

| STATION | LOCATION<br>EMPLACEMENT                     | NUMBER OF<br>HOURLY SAMPLES<br>NOMBRE DE<br>DONNEES HORAIRES | MONTHLY<br>MEAN<br>MOYENNE<br>MENSUELLE | FREQUENCY DISTRIBUTIONS - CENTILES - DISTRIBUTIONS DES FREQUENCES |    |    |     | MEANS ---- MOYENNES |    |    |     |
|---------|---------------------------------------------|--------------------------------------------------------------|-----------------------------------------|-------------------------------------------------------------------|----|----|-----|---------------------|----|----|-----|
|         |                                             |                                                              |                                         | INTERVALS - INTERVALLES                                           |    |    |     | 24-HOUR / HEURES    |    |    |     |
|         |                                             |                                                              |                                         | 1-HOUR / HEURE                                                    |    |    |     |                     |    |    |     |
|         |                                             |                                                              |                                         | 70                                                                | 95 | 99 | MAX | 70                  | 95 | 99 | MAX |
| 80110C  | REGINA, SASK.<br>2505 11TH. AVENUE          | 737                                                          | 2.2                                     | 3                                                                 | 4  | 4  | 6   | 2                   | 3  | 4  | 4   |
| 80209C  | SASKATOON, SASK.<br>IDYLWYLD DR. & 33RD ST. | 739                                                          | 1.0                                     | 1                                                                 | 2  | 2  | 3   | 1                   | 2  | 2  | 2   |
| 90122R  | EDMONTON, ALTA.<br>127 ST. & 133 AVENUE     | 737                                                          | 2.9                                     | 4                                                                 | 6  | 7  | 8   | 4                   | 5  | 5  | 5   |
| 90130C  | 10255 - 104TH STREET                        | 568                                                          | 2.7                                     | 3                                                                 | 4  | 5  | 5   | 3                   | 4  | 4  | 4   |
| 90222R  | CALGARY, ALTA.<br>39 ST. & 29 AVE. N.W.     | 740                                                          | 2.3                                     | 3                                                                 | 5  | 6  | 6   | 3                   | 4  | 4  | 4   |
| 90227C  | 611-4TH STREET S.W.                         | 736                                                          | 3.7                                     | 4                                                                 | 5  | 6  | 11  | 4                   | 5  | 5  | 5   |
| 00108I  | VANCOUVER, B.C.<br>250 WEST 70TH AVENUE     | 727                                                          | 2.7                                     | 3                                                                 | 5  | 6  | 8   | 3                   | 4  | 4  | 5   |
| 00110R  | E. HASTINGS & KENSINGTON                    | 732                                                          | 2.2                                     | 2                                                                 | 4  | 6  | 6   | 2                   | 4  | 4  | 4   |
| 00111I  | ROCKY PT. PARK                              | 735                                                          | 2.1                                     | 3                                                                 | 3  | 4  | 5   | 2                   | 3  | 3  | 3   |
| 00112C  | ROBSON/HORNBY                               | 735                                                          | 2.6                                     | 3                                                                 | 5  | 6  | 8   | 3                   | 4  | 5  | 5   |
| 00118R  | 2550 WEST 10TH AVENUE                       | 404                                                          | 2.6                                     | 3                                                                 | 5  | 7  | 9   | 3                   | 4  | 5  | 5   |
| 09001C  | WHITEHORSE, YUKON<br>FEDERAL BUILDING       | 689                                                          | 1.8                                     | 3                                                                 | 4  | 5  | 7   | 2                   | 4  | 4  | 4   |

OZONE  
PARTS PER HUNDRED MILLIONDECEMBER - DECEMBRE  
1989OZONE  
PARTIES PAR CENT MILLIONS

| STATION | LOCATION<br>EMPLACEMENT                         | NUMBER OF<br>HOURLY SAMPLES<br>NOMBRE DE<br>DONNEES HORAIRES | MONTHLY<br>MEAN<br>MOYENNE<br>MENSUELLE | FREQUENCY DISTRIBUTIONS - CENTILES - DISTRIBUTIONS DES FREQUENCES |    |    |     | MEANS ---- MOYENNES |    |    |     |
|---------|-------------------------------------------------|--------------------------------------------------------------|-----------------------------------------|-------------------------------------------------------------------|----|----|-----|---------------------|----|----|-----|
|         |                                                 |                                                              |                                         | INTERVALS - INTERVALLES                                           |    |    |     | 24-HOUR / HEURES    |    |    |     |
|         |                                                 |                                                              |                                         | 70                                                                | 95 | 99 | MAX | 70                  | 95 | 99 | MAX |
| 10102C  | ST. JOHN'S, Nfld.<br>354 WATER STREET           | 722                                                          | 1.9                                     | 2                                                                 | 3  | 3  | 4   | 2                   | 3  | 3  | 3   |
| 30115I  | HALIFAX, N.S.                                   | 583                                                          | 2.1                                     | 3                                                                 | 3  | 3  | 4   | 3                   | 3  | 3  | 3   |
| 30117C  | CFB SHEARWATER<br>BEDFORD ROW POST OFFICE       | 744                                                          | 1.7                                     | 2                                                                 | 3  | 4  | 4   | 2                   | 3  | 3  | 3   |
| 30501R  | KEJIMKUJIK, N.S.<br>NATIONAL PARK               | 0                                                            | ---                                     | -                                                                 | -  | -  | -   | -                   | -  | -  | -   |
| 30601R  | FALL RIVER, N.S.<br>123 OAKES ROAD              | 0                                                            | ---                                     | -                                                                 | -  | -  | -   | -                   | -  | -  | -   |
| 40202C  | SAINT JOHN, N.B.<br>POST OFFICE                 | 0                                                            | ---                                     | -                                                                 | -  | -  | -   | -                   | -  | -  | -   |
| 40203R  | FOREST HILLS                                    | 0                                                            | ---                                     | -                                                                 | -  | -  | -   | -                   | -  | -  | -   |
| 50102R  | MONTREAL, QUEBEC<br>JARDIN BOTANIQUE            | 597                                                          | 0.5                                     | 1                                                                 | 2  | 2  | 2   | 1                   | 1  | 2  | 2   |
| 50103R  | POINTE-AUX-TREMBLES                             | 729                                                          | 1.2                                     | 2                                                                 | 2  | 2  | 3   | 1                   | 2  | 2  | 2   |
| 50104C  | 1125 ONTARIO EST                                | 721                                                          | 0.6                                     | 1                                                                 | 2  | 2  | 3   | 1                   | 1  | 2  | 2   |
| 50109C  | DUNCAN & DECARIE                                | 563                                                          | 0.6                                     | 1                                                                 | 2  | 3  | 3   | 1                   | 2  | 2  | 2   |
| 50110C  | PARC PILON, MTL.-NORD                           | 742                                                          | 1.1                                     | 2                                                                 | 3  | 3  | 4   | 2                   | 3  | 3  | 3   |
| 50112C  | BOUL. LAURENTIDES                               | 713                                                          | 1.4                                     | 2                                                                 | 3  | 3  | 3   | 2                   | 3  | 3  | 3   |
| 50113R  | PIE X & CARDINAL                                | 663                                                          | 1.1                                     | 2                                                                 | 3  | 3  | 3   | 2                   | 2  | 2  | 3   |
| 50115C  | 1001 BOUL MAISONNEUVE O.                        | 742                                                          | ***                                     | 0                                                                 | 1  | 2  | 2   | 0                   | 1  | 1  | 1   |
| 50116R  | 3161 JOSEPH, VERDUN                             | 581                                                          | 0.7                                     | 1                                                                 | 2  | 2  | 3   | 1                   | 1  | 2  | 2   |
| 50119R  | 699 CURE POIRIER                                | 713                                                          | 0.9                                     | 1                                                                 | 2  | 3  | 4   | 1                   | 2  | 2  | 2   |
| 50120R  | 4TH. AVE. SOUTH, ROXBORO                        | 725                                                          | ***                                     | 0                                                                 | 1  | 1  | 1   | 0                   | 1  | 1  | 1   |
| 50306R  | QUEBEC, QUEBEC<br>2026 BLVD. ST-CYRILLE         | 711                                                          | 1.8                                     | 2                                                                 | 3  | 4  | 6   | 2                   | 3  | 4  | 4   |
| 50307C  | PARC CARTIER BREBOEUF                           | 713                                                          | 0.9                                     | 1                                                                 | 2  | 3  | 3   | 1                   | 2  | 2  | 3   |
| 51401R  | ST. ETIENNE, QUEBEC<br>135 DUPUIS               | 0                                                            | ---                                     | -                                                                 | -  | -  | -   | -                   | -  | -  | -   |
| 60101C  | OTTAWA, ONT.<br>88 SLATER ST.                   | 727                                                          | ***                                     | 1                                                                 | 1  | 1  | 1   | 0                   | 1  | 1  | 1   |
| 60104C  | RIDEAU & WURTEMBURG                             | 744                                                          | 1.1                                     | 2                                                                 | 3  | 3  | 3   | 1                   | 2  | 3  | 3   |
| 60204C  | WINDSOR, ONT.<br>471 UNIVERSITY AVENUE          | 736                                                          | 1.4                                     | 2                                                                 | 3  | 4  | 4   | 2                   | 3  | 3  | 3   |
| 60402R  | TORONTO, ONT.<br>DON MILLS, SCIENCE CNTR        | 744                                                          | 1.1                                     | 1                                                                 | 3  | 3  | 4   | 1                   | 2  | 3  | 3   |
| 60403I  | EVANS & ARNOLD                                  | 738                                                          | 0.7                                     | 1                                                                 | 2  | 2  | 3   | 1                   | 1  | 2  | 2   |
| 60410R  | LAWRENCE & KENNEDY                              | 744                                                          | 0.8                                     | 1                                                                 | 2  | 3  | 3   | 1                   | 2  | 2  | 2   |
| 60413R  | ELMCREST ROAD                                   | 589                                                          | 0.6                                     | 1                                                                 | 2  | 2  | 2   | 1                   | 1  | 1  | 2   |
| 60415R  | QUEENSWAY W & HURONTARIO                        | 744                                                          | 0.9                                     | 1                                                                 | 2  | 3  | 3   | 1                   | 2  | 2  | 2   |
| 60417C  | 26 BREADALBANE STREET                           | 743                                                          | 0.6                                     | 1                                                                 | 2  | 3  | 3   | 1                   | 2  | 2  | 2   |
| 60512C  | HAMILTON, ONT.<br>BEASLEY PARK                  | 719                                                          | 0.7                                     | 1                                                                 | 2  | 3  | 3   | 1                   | 2  | 2  | 2   |
| 60607R  | SUDBURY, ONT.<br>SCIENCE CENTRE NORTH           | 742                                                          | 1.9                                     | 3                                                                 | 3  | 3  | 4   | 2                   | 3  | 3  | 3   |
| 60707I  | SAULT STE. MARIE, ONT.<br>WM. MERRIFIELD SCHOOL | 159                                                          | ---                                     | 2                                                                 | 3  | 3  | 3   | 2                   | 2  | 2  | 2   |
| 60807R  | THUNDER BAY, ONT.<br>615 JAMES STREET SOUTH     | 744                                                          | 1.2                                     | 2                                                                 | 3  | 3  | 3   | 2                   | 2  | 3  | 3   |
| 60901C  | LONDON, ONT.<br>KING & RECTORY                  | 738                                                          | 1.1                                     | 2                                                                 | 3  | 3  | 3   | 1                   | 2  | 3  | 3   |
| 61004R  | SARNIA, ONT.<br>FRONT ST. AT C.N. TRACKS        | 740                                                          | 1.5                                     | 2                                                                 | 3  | 4  | 6   | 2                   | 3  | 3  | 3   |
| 61201R  | CORNWALL, ONT.<br>MEMORIAL PARK                 | 743                                                          | 1.4                                     | 2                                                                 | 3  | 3  | 3   | 2                   | 3  | 3  | 3   |
| 61302C  | ST. CATHARINES, ONT.<br>ARGYLE CRESCENT         | 729                                                          | 1.2                                     | 2                                                                 | 3  | 3  | 3   | 2                   | 2  | 3  | 3   |
| 61501C  | KITCHENER, ONT.<br>EDNA & FREDERICK             | 742                                                          | 1.2                                     | 2                                                                 | 3  | 3  | 3   | 2                   | 2  | 3  | 3   |
| 61602R  | OAKVILLE, ONT.<br>BRONTE AND WOBURN CRES.       | 734                                                          | 1.0                                     | 2                                                                 | 3  | 3  | 4   | 1                   | 2  | 3  | 3   |

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

--- 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 MILLIONDECEMBER - DECEMBRE  
1989OZONE  
PARTIES PAR CENT MILLIONS

| STATION | LOCATION<br>EMPLACEMENT                     | NUMBER OF<br>HOURLY SAMPLES<br>NOMBRE DE<br>DONNEES HORAIRES | MONTHLY<br>MEAN<br>MOYENNE<br>MENSUELLE | FREQUENCY DISTRIBUTIONS - CENTILES - |    |                     |     | DISTRIBUTIONS DES FREQUENCES |    |              |     |
|---------|---------------------------------------------|--------------------------------------------------------------|-----------------------------------------|--------------------------------------|----|---------------------|-----|------------------------------|----|--------------|-----|
|         |                                             |                                                              |                                         | INTERVALS - INTERVALLES              |    | MEANS ---- MOYENNES |     | 24-HOUR / HEURES             |    | 70 95 99 MAX |     |
|         |                                             |                                                              |                                         | 70                                   | 95 | 99                  | MAX | 70                           | 95 | 99           | MAX |
| 61701R  | OSHAWA, ONT.<br>RITSON RD. & OLIVE AVE.     | 744                                                          | 1.5                                     | 2                                    | 3  | 3                   | 3   | 2                            | 3  | 3            | 3   |
| 61802R  | GUELPH, ONT.<br>EXHIBITION PARK             | 718                                                          | 1.2                                     | 2                                    | 3  | 3                   | 3   | 2                            | 2  | 3            | 3   |
| 62001R  | NORTH BAY, ONT.<br>O.P.P. STATION           | 741                                                          | 2.6                                     | 3                                    | 4  | 4                   | 4   | 3                            | 4  | 4            | 4   |
| 70118R  | WINNIPEG, MAN.<br>JEFFERSON & SCOTIA        | 0                                                            | ---                                     | -                                    | -  | -                   | -   | -                            | -  | -            | -   |
| 70119C  | 65 ELLEN STREET                             | 706                                                          | 1.3                                     | 2                                    | 3  | 4                   | 4   | 2                            | 3  | 3            | 3   |
| 80110C  | REGINA, SASK.<br>2505 11TH. AVENUE          | 709                                                          | 1.0                                     | 1                                    | 2  | 2                   | 2   | 1                            | 2  | 2            | 2   |
| 80209C  | SASKATOON, SASK.<br>IDYLWYLD DR. & 33RD ST. | 739                                                          | 0.9                                     | 1                                    | 2  | 2                   | 2   | 1                            | 2  | 2            | 2   |
| 90122R  | EDMONTON, ALTA.<br>127 ST. & 133 AVENUE     | 742                                                          | 1.1                                     | 2                                    | 3  | 4                   | 4   | 2                            | 2  | 3            | 3   |
| 90130C  | 10255 - 104TH STREET                        | 741                                                          | 0.8                                     | 1                                    | 3  | 3                   | 4   | 1                            | 2  | 2            | 2   |
| 90222R  | CALGARY, ALTA.<br>39 ST. & 29 AVE. N.W.     | 742                                                          | 1.5                                     | 2                                    | 3  | 4                   | 4   | 2                            | 3  | 3            | 3   |
| 90227C  | 611-4TH STREET S.W.                         | 739                                                          | 0.8                                     | 1                                    | 3  | 3                   | 4   | 1                            | 2  | 2            | 3   |
| 00108I  | VANCOUVER, B.C.<br>250 WEST 70TH AVENUE     | 735                                                          | ***                                     | 0                                    | 1  | 2                   | 3   | 0                            | 1  | 1            | 1   |
| 00110R  | E. HASTINGS & KENSINGTON                    | 740                                                          | ***                                     | 0                                    | 2  | 2                   | 3   | 0                            | 1  | 2            | 2   |
| 00111I  | ROCKY PT. PARK                              | 735                                                          | ***                                     | 0                                    | 1  | 2                   | 3   | 0                            | 1  | 1            | 1   |
| 00112C  | ROBSON/HORNBY                               | 740                                                          | ***                                     | 0                                    | 0  | 1                   | 2   | 0                            | 0  | 0            | 1   |
| 00118R  | 2550 WEST 10TH AVENUE                       | 570                                                          | ***                                     | 0                                    | 1  | 3                   | 4   | 0                            | 1  | 2            | 2   |
| 00303C  | VICTORIA, B.C.<br>1250 QUADRA ST.           | 0                                                            | ---                                     | -                                    | -  | -                   | -   | -                            | -  | -            | -   |
| 00701C  | KELOWNA, B.C.<br>100 KLO RD.                | 0                                                            | ---                                     | -                                    | -  | -                   | -   | -                            | -  | -            | -   |

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

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

SOILING INDEX  
COH UNITS PER 1000 LINEAR FT.DECEMBER - DECEMBRE  
1989INDICE DE SOUILLURE  
UNITES COH PAR 1000 PIEDS LINEAIRES

| STATION | LOCATION<br>EMPLACEMENT                         | NUMBER OF<br>SAMPLES<br>NOMBRE DE<br>DONNEES | MONTHLY<br>MEAN<br>MOYENNE<br>MENSUELLE | FREQUENCY DISTRIBUTIONS ----- |     |     |     | DISTRIBUTIONS DES FREQUENCES |     |     |     |
|---------|-------------------------------------------------|----------------------------------------------|-----------------------------------------|-------------------------------|-----|-----|-----|------------------------------|-----|-----|-----|
|         |                                                 |                                              |                                         | INTERVALS - INTERVALLES       |     |     |     | MEANS ----- MOYENNES         |     |     |     |
|         |                                                 |                                              |                                         | 2-HOUR / HEURES               |     |     |     | 24-HOUR / HEURES             |     |     |     |
|         |                                                 |                                              |                                         | 70                            | 95  | 99  | MAX | 70                           | 95  | 99  | MAX |
| 50109C  | MONTREAL, QUEBEC                                |                                              |                                         |                               |     |     |     |                              |     |     |     |
|         | DUNCAN & DECARIE                                | 345                                          | 0.43                                    | 0.6                           | 1.2 | 1.5 | 2.4 | 0.6                          | 1.0 | 1.3 | 1.3 |
| 50110C  | PARC PILON, MTL.-NORD                           | 191                                          | 0.31                                    | 0.4                           | 0.9 | 1.6 | 1.9 | 0.3                          | 0.8 | 1.0 | 1.0 |
| 50115C  | 1001 BOUL MAISONNEUVE O.                        | 366                                          | 0.46                                    | 0.5                           | 1.0 | 1.5 | 2.1 | 0.6                          | 0.8 | 1.1 | 1.1 |
| 50116R  | 3161 JOSEPH, VERDUN                             | 248                                          | 0.22                                    | 0.3                           | 0.6 | 0.8 | 1.0 | 0.3                          | 0.5 | 0.5 | 0.5 |
| 50120R  | 4TH. AVE. SOUTH, ROXBORO                        | 343                                          | 0.34                                    | 0.4                           | 1.3 | 1.9 | 2.4 | 0.5                          | 1.0 | 1.2 | 1.2 |
| 60104C  | OTTAWA, ONT.<br>RIDEAU & HURTEMBURG             | 744                                          | (1) 0.64                                | 0.8                           | 1.3 | 2.1 | 3.5 | 0.8                          | 1.1 | 1.3 | 1.3 |
| 60204C  | WINDSOR, ONT.<br>471 UNIVERSITY AVENUE          | 663                                          | (1) 0.46                                | 0.5                           | 1.1 | 1.5 | 1.7 | 0.5                          | 0.8 | 1.1 | 1.1 |
| 60211R  | COLLEGE & PRINCE                                | 741                                          | (1) 0.44                                | 0.5                           | 1.1 | 1.6 | 2.1 | 0.5                          | 0.7 | 1.2 | 1.2 |
| 60403I  | TORONTO, ONT.<br>EVANS & ARNOLD                 | 742                                          | (1) 0.57                                | 0.7                           | 1.1 | 1.6 | 3.0 | 0.7                          | 0.9 | 1.1 | 1.1 |
| 60410R  | LAWRENCE & KENNEDY                              | 743                                          | (1) 0.44                                | 0.5                           | 0.9 | 1.2 | 1.3 | 0.5                          | 0.8 | 0.9 | 0.9 |
| 60417C  | 26 BREADALBANE STREET                           | 708                                          | (1) 0.41                                | 0.5                           | 0.8 | 1.0 | 1.4 | 0.5                          | 0.7 | 0.7 | 0.8 |
| 60501C  | HAMILTON, ONT.<br>BARTON & SANFORD              | 731                                          | (1) 0.54                                | 0.6                           | 1.1 | 1.5 | 1.6 | 0.6                          | 0.9 | 1.0 | 1.0 |
| 60511R  | 467 BEACH BLVD.                                 | 733                                          | (1) 0.62                                | 0.7                           | 1.3 | 2.0 | 2.5 | 0.7                          | 1.1 | 1.3 | 1.4 |
| 60512C  | BEASLEY PARK                                    | 725                                          | (1) 0.49                                | 0.6                           | 1.1 | 1.4 | 1.8 | 0.6                          | 0.9 | 1.0 | 1.1 |
| 60607R  | SUDBURY, ONT.<br>SCIENCE CENTRE NORTH           | 744                                          | (1) 0.24                                | 0.3                           | 0.6 | 0.8 | 0.9 | 0.3                          | 0.5 | 0.5 | 0.5 |
| 60707I  | SAULT STE. MARIE, ONT.<br>WM. MERRIFIELD SCHOOL | 741                                          | (1) 0.55                                | 0.6                           | 1.6 | 2.4 | 3.1 | 0.6                          | 1.1 | 1.2 | 1.3 |
| 60807R  | THUNDER BAY, ONT.<br>615 JAMES STREET SOUTH     | 744                                          | (1) ****                                | 0.1                           | 0.1 | 0.2 | 0.3 | 0.1                          | 0.1 | 0.1 | 0.1 |
| 60901C  | LONDON, ONT.<br>KING & RECTORY                  | 739                                          | (1) 0.39                                | 0.5                           | 0.8 | 1.1 | 1.8 | 0.5                          | 0.6 | 0.7 | 0.7 |
| 61004R  | SARNIA, ONT.<br>FRONT ST. AT C.N. TRACKS        | 718                                          | (1) 0.32                                | 0.4                           | 0.7 | 1.0 | 1.1 | 0.4                          | 0.6 | 0.7 | 0.7 |
| 61201R  | CORNWALL, ONT.<br>MEMORIAL PARK                 | 743                                          | (1) 0.28                                | 0.3                           | 0.7 | 1.2 | 1.6 | 0.3                          | 0.6 | 0.7 | 0.8 |
| 61302C  | ST. CATHARINES, ONT.<br>ARGYLE CRESCENT         | 730                                          | (1) 0.31                                | 0.4                           | 0.7 | 0.8 | 1.1 | 0.4                          | 0.5 | 0.6 | 0.6 |
| 61602R  | OAKVILLE, ONT.<br>BRONTE AND WOBURN CRES.       | 733                                          | (1) 0.42                                | 0.6                           | 1.1 | 1.9 | 2.5 | 0.6                          | 1.0 | 1.2 | 1.2 |
| 61701R  | OSHAWA, ONT.<br>RITSON RD. & OLIVE AVE.         | 743                                          | (1) 0.34                                | 0.4                           | 0.8 | 1.6 | 2.3 | 0.4                          | 0.8 | 0.8 | 0.8 |
| 61802R  | GUELPH, ONT.<br>EXHIBITION PARK                 | 738                                          | (1) 0.28                                | 0.3                           | 0.6 | 1.0 | 1.2 | 0.3                          | 0.5 | 0.6 | 0.6 |
| 62001R  | NORTH BAY, ONT.<br>O.P.P. STATION               | 742                                          | (1) 0.30                                | 0.3                           | 0.8 | 1.2 | 1.4 | 0.4                          | 0.6 | 0.7 | 0.8 |
| 70118R  | WINNIPEG, MAN.<br>JEFFERSON & SCOTIA            | 667                                          | (1) ****                                | 0.1                           | 0.2 | 0.4 | 0.5 | 0.1                          | 0.2 | 0.2 | 0.2 |
| 70119C  | 65 ELLEN STREET                                 | 693                                          | (1) 0.21                                | 0.3                           | 0.4 | 0.8 | 0.9 | 0.2                          | 0.4 | 0.5 | 0.5 |
| 90122R  | EDMONTON, ALTA.<br>127 ST. & 133 AVENUE         | 744                                          | (1) 0.27                                | 0.3                           | 0.9 | 1.7 | 2.1 | 0.3                          | 0.6 | 1.0 | 1.0 |
| 90130C  | 10255 - 104TH STREET                            | 744                                          | (1) 0.29                                | 0.4                           | 0.8 | 1.1 | 1.4 | 0.4                          | 0.5 | 0.6 | 0.7 |
| 90218I  | CALGARY, ALTA.<br>BONNY BRK & 18A ST. S.E.      | 744                                          | (1) 0.42                                | 0.5                           | 1.3 | 2.2 | 3.3 | 0.6                          | 0.9 | 1.0 | 1.0 |
| 90222R  | 39 ST. & 29 AVE. N.W.                           | 744                                          | (1) 0.13                                | 0.2                           | 0.4 | 0.7 | 0.8 | 0.2                          | 0.3 | 0.3 | 0.4 |
| 90227C  | 611-4TH STREET S.W.                             | 721                                          | (1) 0.31                                | 0.4                           | 0.8 | 1.5 | 2.7 | 0.4                          | 0.6 | 0.8 | 0.8 |
| 00102R  | VANCOUVER, B.C.<br>100 RICHMOND STREET          | 0                                            | ----                                    | -                             | -   | -   | -   | -                            | -   | -   | -   |
| 00108I  | 250 WEST 70TH AVENUE                            | 0                                            | ----                                    | -                             | -   | -   | -   | -                            | -   | -   | -   |
| 00110R  | E. HASTINGS & KENSINGTON                        | 648                                          | (1) 0.60                                | 0.7                           | 1.6 | 2.1 | 2.2 | 0.7                          | 1.3 | 1.8 | 1.8 |
| 00111I  | ROCKY PT. PARK                                  | 708                                          | (1) 0.72                                | 0.9                           | 1.5 | 1.8 | 2.1 | 0.9                          | 1.3 | 1.5 | 1.6 |
| 00112C  | ROBSON/HORNBY                                   | 648                                          | (1) 0.66                                | 0.8                           | 1.4 | 1.9 | 2.2 | 0.7                          | 1.3 | 1.4 | 1.4 |
| 00118R  | 2550 WEST 10TH AVENUE                           | 0                                            | ----                                    | -                             | -   | -   | -   | -                            | -   | -   | -   |

(1) BASED ON 1-HOUR READINGS  
DONNEES INITIALES D'UNE HEURE\*\*\*\* CALCULATED MEANS ARE BELOW 0.1  
LES MOYENNES SONT 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 METREDECEMBER - DECEMBRE  
1989PLOMB ET PARTICULES EN SUSPENSION  
MICROGRAMMES PAR METRE CUBE

| STATION | LOCATION<br>EMPLACEMENT                     | *----- PARTICULATES / PARTICULES -----* |     |     |     |     |    | MEAN<br>MOYENNE | *----- LEAD / PLOMB -----* |     |     |     |     |  | MEAN<br>MOYENNE |
|---------|---------------------------------------------|-----------------------------------------|-----|-----|-----|-----|----|-----------------|----------------------------|-----|-----|-----|-----|--|-----------------|
|         |                                             | *----- DAY / JOUR -----*                |     |     |     |     |    |                 | *----- DAY / JOUR -----*   |     |     |     |     |  |                 |
|         |                                             | 6                                       | 12  | 18  | 24  | 30  |    | 6               | 12                         | 18  | 24  | 30  |     |  |                 |
| 10102C  | ST. JOHN'S, NFLD.<br>354 WATER STREET       | 25                                      | 21  | 47  | 30  | 26  | 30 | 0.1             | 0.0                        | 0.0 | 0.0 | 0.0 | 0.0 |  |                 |
| 20101C  | CHARLOTTETOWN, P.E.I.<br>56 FITZROY ST.     | -                                       | -   | 6   | 11  | 11  | 9  | -               | -                          | 0.0 | 0.0 | 0.0 | 0.0 |  |                 |
| 30101C  | HALIFAX, N.S.<br>N.S. TECHNICAL COLLEGE     | 58                                      | 98  | 27  | -   | -   | 61 | 0.0             | 0.0                        | 0.0 | -   | -   | 0.0 |  |                 |
| 30102R  | DALHOUSIE UNIVERSITY                        | 13                                      | -   | -   | -   | -   | -  | 0.0             | -                          | -   | -   | -   | -   |  |                 |
| 30115I  | CFB SHEARWATER                              | -                                       | -   | -   | -   | -   | -  | -               | -                          | -   | -   | -   | -   |  |                 |
| 30310C  | SYDNEY, N.S.<br>COUNTY JAIL                 | 29                                      | 21  | 21  | 31  | 20  | 24 | 0.1             | 0.0                        | 0.1 | 0.0 | 0.0 | 0.0 |  |                 |
| 30311R  | WHITNEY PIER FIRE STN.                      | 51                                      | 52  | 28  | 48  | 47  | 45 | 0.0             | 0.0                        | 0.0 | 0.1 | 0.0 | 0.0 |  |                 |
| 30409R  | GLACE BAY, N.S.<br>SOUTH STREET             | -                                       | -   | 39  | 13  | 15  | 22 | -               | -                          | 0.0 | 0.0 | 0.0 | 0.0 |  |                 |
| 40102C  | FREDERICTON, N.B.<br>YORK STREET            | 31                                      | 16  | 10  | 40  | 54  | 30 | 0.1             | 0.0                        | 0.0 | 0.0 | 0.0 | 0.0 |  |                 |
| 40201C  | SAINT JOHN, N.B.<br>110 CHARLOTTE STREET    | 55                                      | -   | -   | 18  | 49  | 41 | 0.0             | -                          | -   | 0.0 | 0.0 | 0.0 |  |                 |
| 40203R  | FOREST HILLS                                | 21                                      | -   | -   | -   | -   | -  | 0.0             | -                          | -   | -   | -   | -   |  |                 |
| 50102R  | MONTREAL, QUEBEC<br>JARDIN BOTANIQUE        | 31                                      | 31  | 23  | 26  | 31  | 28 | 0.0             | 0.0                        | 0.0 | 0.0 | 0.0 | 0.0 |  |                 |
| 50103R  | POINTE-AUX-TREMBLES                         | 37                                      | -   | -   | 36  | 61  | 45 | 0.0             | -                          | -   | 0.0 | 0.0 | 0.0 |  |                 |
| 50104C  | 1125 ONTARIO EST                            | 68                                      | 74  | 39  | 34  | 52  | 53 | 0.0             | 0.5                        | 0.0 | 0.0 | 0.1 | 0.1 |  |                 |
| 50109C  | DUNCAN & DECARIE                            | 70                                      | -   | -   | -   | -   | -  | 0.0             | -                          | -   | -   | -   | -   |  |                 |
| 50110C  | PARC PILON, MTL.-NORD                       | 49                                      | 69  | 40  | 41  | 64  | 53 | 0.0             | 0.0                        | 0.0 | 0.0 | 0.0 | 0.0 |  |                 |
| 50112C  | BOUL. LAURENTIDES                           | 29                                      | 28  | 15  | 15  | 20  | 21 | 0.0             | 0.0                        | 0.0 | 0.0 | 0.0 | 0.0 |  |                 |
| 50113R  | PIE X & CARDINAL                            | 33                                      | 47  | 18  | 18  | 30  | 29 | 0.0             | 0.0                        | 0.0 | 0.0 | 0.0 | 0.0 |  |                 |
| 50116R  | 3161 JOSEPH, VERDUN                         | -                                       | 49  | -   | -   | 43  | -  | -               | 0.1                        | -   | -   | 0.0 | -   |  |                 |
| 50119R  | 699 CURE POIRIER                            | 34                                      | 33  | -   | 27  | -   | 31 | 0.0             | 0.0                        | -   | 0.0 | -   | 0.0 |  |                 |
| 50120R  | 4TH. AVE. SOUTH, ROXBORO                    | 47                                      | 40  | -   | -   | 62  | 50 | 0.0             | 0.1                        | -   | -   | 0.0 | 0.0 |  |                 |
| 50203R  | HULL, QUEBEC<br>GAMELIN & JOFFRE            | 48                                      | 21  | 34  | 41  | 39  | 37 | 0.2             | 0.0                        | 0.0 | 0.0 | 0.0 | 0.1 |  |                 |
| 50303I  | QUEBEC, QUEBEC<br>CENTRE LOISIRS LIMOILLOU  | -                                       | -   | -   | -   | -   | -  | -               | -                          | -   | -   | -   | -   |  |                 |
| 50306R  | 2026 BLVD. ST-CYRILLE                       | 32                                      | -   | -   | -   | 27  | -  | 0.0             | -                          | -   | -   | 0.0 | -   |  |                 |
| 50307C  | PARC CARTIER BREBOEUF                       | -                                       | -   | -   | -   | 50  | -  | -               | -                          | -   | -   | 0.0 | -   |  |                 |
| 50308I  | 600 RUE DES SABLES                          | 53                                      | -   | -   | -   | 45  | -  | -               | -                          | -   | -   | -   | -   |  |                 |
| 50403C  | SHERBROOKE, QUEBEC<br>WELLINGTON & ALBERT   | 28                                      | 109 | 22  | -   | -   | 53 | 0.0             | 0.0                        | 0.0 | -   | -   | 0.0 |  |                 |
| 50502R  | CHICOUTIMI, QUEBEC<br>USINE DE FILTRATION   | 23                                      | 13  | 11  | 18  | 54  | 24 | 0.0             | 0.0                        | 0.0 | 0.0 | 0.0 | 0.0 |  |                 |
| 50503C  | 222 RACINE                                  | 20                                      | 31  | 18  | 37  | 64  | 34 | 0.0             | 0.0                        | 0.0 | 0.0 | 0.1 | 0.0 |  |                 |
| 50601C  | ROUYN, QUEBEC<br>HOTEL DE VILLE             | 20                                      | 25  | -   | 10  | 49  | 26 | 0.0             | 0.2                        | -   | 0.0 | 0.0 | 0.1 |  |                 |
| 50701C  | SEPT-ILES, QUEBEC<br>HOTEL DE VILLE         | 10                                      | 28  | 16  | 12  | 19  | 17 | 0.0             | 0.0                        | 0.0 | 0.0 | 0.0 | 0.0 |  |                 |
| 50801R  | TROIS-RIVIERES, QUEBEC<br>HART & STE-CECILE | 30                                      | 35  | 28  | 27  | 50  | 34 | 0.0             | 0.0                        | 0.0 | 0.0 | 0.0 | 0.0 |  |                 |
| 50901R  | ARVIDA, QUEBEC<br>POWELL & HOOPES           | 59                                      | 18  | 19  | 44  | 129 | 54 | 0.0             | 0.0                        | 0.0 | 0.0 | 0.1 | 0.0 |  |                 |
| 51201I  | SHAWINIGAN, QUEBEC<br>FRIGON & LAVAL        | 52                                      | 39  | 48  | -   | -   | 46 | 0.0             | 0.0                        | 0.0 | -   | -   | 0.0 |  |                 |
| 51302R  | BAIE COMEAU, QUEBEC<br>39 AVENUE MANCE      | 9                                       | 6   | 8   | 10  | 4   | 7  | 0.0             | 0.0                        | 0.0 | 0.0 | 0.0 | 0.0 |  |                 |
| 60101C  | OTTAWA, ONT.<br>88 SLATER ST.               | 63                                      | 32  | 48  | 41  | 33  | 43 | 0.1             | 0.0                        | 0.0 | 0.0 | 0.0 | 0.0 |  |                 |
| 60104C  | RIDEAU & WURTEMBERG                         | 34                                      | 17  | 28  | 35  | 34  | 30 | 0.1             | 0.0                        | 0.0 | 0.0 | 0.0 | 0.0 |  |                 |
| 60202C  | WINDSOR, ONT.<br>CITY HALL                  | 52                                      | 61  | 78  | -   | 39  | 58 | 0.0             | 0.0                        | 0.0 | -   | 0.0 | 0.0 |  |                 |
| 60203R  | TECUMSEH WATER WORKS                        | 44                                      | 49  | 58  | 49  | 38  | 48 | 0.0             | 0.0                        | 0.0 | 0.0 | 0.0 | 0.0 |  |                 |
| 60204C  | 471 UNIVERSITY AVENUE                       | 57                                      | 71  | 80  | 65  | 58  | 66 | 0.1             | 0.0                        | 0.0 | 0.0 | 0.0 | 0.0 |  |                 |
| 60212I  | WATER & WRIGHT AVE.                         | -                                       | 57  | 67  | 65  | 34  | 56 | -               | -                          | -   | -   | -   | -   |  |                 |
| 60403I  | TORONTO, ONT.<br>EVANS & ARNOLD             | -                                       | -   | -   | -   | -   | -  | -               | -                          | -   | -   | -   | -   |  |                 |
| 60410R  | LAWRENCE & KENNEDY                          | -                                       | -   | -   | -   | -   | -  | -               | -                          | -   | -   | -   | -   |  |                 |
| 60413R  | ELMCREST ROAD                               | -                                       | -   | -   | -   | -   | -  | -               | -                          | -   | -   | -   | -   |  |                 |
| 60415R  | QUEENSWAY W & HURONTARIO                    | -                                       | -   | -   | -   | -   | -  | -               | -                          | -   | -   | -   | -   |  |                 |
| 60417C  | 26 BREADALBANE STREET                       | -                                       | -   | -   | -   | -   | -  | -               | -                          | -   | -   | -   | -   |  |                 |
| 60501C  | HAMILTON, ONT.<br>BARTON & SANFORD          | 60                                      | 77  | 46  | 61  | 58  | 60 | 0.1             | 0.1                        | 0.0 | 0.0 | 0.0 | 0.0 |  |                 |
| 60503I  | CHATHAM & FRID                              | 59                                      | 67  | 64  | 50  | 42  | 56 | 0.0             | 0.0                        | 0.0 | 0.0 | 0.0 | 0.0 |  |                 |
| 60511R  | 467 BEACH BLVD.                             | 86                                      | 47  | 127 | 115 | 58  | 87 | 0.1             | 0.0                        | 0.1 | 0.1 | 0.0 | 0.1 |  |                 |

SUSPENDED PARTICULATE MATTER AND LEAD  
 MICROGRAMS PER CUBIC METRE

 DECEMBER - DECEMBRE  
 1989

 PLOMB ET PARTICULES EN SUSPENSION  
 MICROGRAMMES PAR METRE CUBE

| STATION | LOCATION<br>EMPLACEMENT   | *----- PARTICULATES / PARTICULES -----* |    |    |    |     |    | MEAN<br>MOYENNE | *----- LEAD / PLOMB -----* |     |     |     |     |  | MEAN<br>MOYENNE |
|---------|---------------------------|-----------------------------------------|----|----|----|-----|----|-----------------|----------------------------|-----|-----|-----|-----|--|-----------------|
|         |                           | *----- DAY / JOUR -----*                |    |    |    |     |    |                 | *----- DAY / JOUR -----*   |     |     |     |     |  |                 |
|         |                           | 6                                       | 12 | 18 | 24 | 30  |    | 6               | 12                         | 18  | 24  | 30  |     |  |                 |
| 60512C  | BEASLEY PARK              | 52                                      | 67 | 49 | 56 | 43  | 53 | -               | -                          | -   | -   | -   | -   |  |                 |
|         | SUDBURY, ONT.             |                                         |    |    |    |     |    |                 |                            |     |     |     |     |  |                 |
| 60602R  | ASH STREET                | 16                                      | 13 | 19 | 9  | 15  | 14 | 0.0             | -                          | -   | -   | -   | -   |  |                 |
| 60605C  | 19 LISGAR STREET          | 25                                      | 30 | 44 | 24 | 34  | 31 | 0.0             | -                          | -   | -   | -   | -   |  |                 |
|         | SAULT STE. MARIE, ONT.    |                                         |    |    |    |     |    |                 |                            |     |     |     |     |  |                 |
| 60707I  | WM. MERRIFIELD SCHOOL     | 8                                       | 30 | 39 | 52 | 36  | 33 | -               | -                          | -   | -   | 0.0 | -   |  |                 |
|         | THUNDER BAY, ONT.         |                                         |    |    |    |     |    |                 |                            |     |     |     |     |  |                 |
| 60801C  | 14 ALGOMA STREET          | 27                                      | -  | 20 | 40 | 42  | 32 | -               | -                          | -   | -   | -   | -   |  |                 |
| 60807R  | 615 JAMES STREET SOUTH    | 21                                      | 31 | 22 | 39 | 36  | 30 | -               | -                          | -   | -   | -   | -   |  |                 |
|         | LONDON, ONT.              |                                         |    |    |    |     |    |                 |                            |     |     |     |     |  |                 |
| 60901C  | KING & RECTORY            | 45                                      | 49 | 52 | 41 | 36  | 45 | 0.0             | 0.1                        | 0.0 | 0.0 | 0.0 | 0.0 |  |                 |
|         | SARNIA, ONT.              |                                         |    |    |    |     |    |                 |                            |     |     |     |     |  |                 |
| 61004R  | FRONT ST. AT C.N. TRACKS  | 34                                      | 33 | 24 | 30 | 33  | 31 | 0.0             | 0.1                        | 0.0 | 0.0 | 0.0 | 0.0 |  |                 |
|         | ST. CATHARINES, ONT.      |                                         |    |    |    |     |    |                 |                            |     |     |     |     |  |                 |
| 61303C  | 71 KING STREET            | 35                                      | 33 | 35 | -  | -   | 34 | 0.0             | 0.0                        | 0.1 | -   | -   | 0.0 |  |                 |
|         | KITCHENER, ONT.           |                                         |    |    |    |     |    |                 |                            |     |     |     |     |  |                 |
| 61501C  | EDNA & FREDERICK          | 45                                      | 65 | 40 | 36 | 78  | 53 | 0.0             | 0.1                        | 0.0 | 0.0 | 0.0 | 0.0 |  |                 |
|         | OAKVILLE, ONT.            |                                         |    |    |    |     |    |                 |                            |     |     |     |     |  |                 |
| 61602R  | BRONTE AND WOBURN CRES.   | -                                       | -  | -  | -  | -   | -  | -               | -                          | -   | -   | -   | -   |  |                 |
|         | OSHAWA, ONT.              |                                         |    |    |    |     |    |                 |                            |     |     |     |     |  |                 |
| 61701R  | RITSON RD. & OLIVE AVE.   | -                                       | -  | -  | -  | -   | -  | -               | -                          | -   | -   | -   | -   |  |                 |
|         | GUELPH, ONT.              |                                         |    |    |    |     |    |                 |                            |     |     |     |     |  |                 |
| 61802R  | EXHIBITION PARK           | 32                                      | 35 | 5  | 48 | 17  | 27 | 0.0             | 0.0                        | 0.0 | 0.0 | 0.0 | 0.0 |  |                 |
|         | NORTH BAY, ONT.           |                                         |    |    |    |     |    |                 |                            |     |     |     |     |  |                 |
| 62001R  | O.P.P. STATION            | 17                                      | 27 | 52 | 4  | -   | 25 | 0.0             | 0.0                        | 0.0 | 0.0 | -   | 0.0 |  |                 |
|         | WINNIPEG, MAN.            |                                         |    |    |    |     |    |                 |                            |     |     |     |     |  |                 |
| 70102R  | PORTAGE & WOODLAWN        | 65                                      | 47 | 56 | 69 | 17  | 51 | 0.0             | 0.1                        | 0.1 | 0.0 | 0.0 | 0.1 |  |                 |
| 70118R  | JEFFERSON & SCOTIA        | 40                                      | 31 | 33 | 39 | 20  | 33 | 0.0             | 0.0                        | 0.1 | 0.0 | 0.0 | 0.0 |  |                 |
| 70119C  | 65 ELLEN STREET           | 73                                      | 44 | 52 | 38 | 17  | 45 | 0.0             | 0.0                        | 0.1 | 0.0 | 0.0 | 0.1 |  |                 |
|         | BRANDON, MAN.             |                                         |    |    |    |     |    |                 |                            |     |     |     |     |  |                 |
| 70201C  | 11TH ST. & PRINCESS AVE.  | 30                                      | 33 | 32 | 26 | 14  | 27 | 0.0             | 0.0                        | 0.0 | 0.0 | 0.0 | 0.0 |  |                 |
|         | REGINA, SASK.             |                                         |    |    |    |     |    |                 |                            |     |     |     |     |  |                 |
| 80102R  | 3211 ALBERT STREET        | 18                                      | 20 | 14 | 16 | 7   | 15 | 0.0             | 0.1                        | 0.0 | 0.0 | 0.0 | 0.0 |  |                 |
| 80110C  | 2505 11TH. AVENUE         | 20                                      | 25 | 17 | 21 | 9   | 18 | 0.0             | 0.0                        | 0.0 | 0.0 | 0.0 | 0.0 |  |                 |
|         | SASKATOON, SASK.          |                                         |    |    |    |     |    |                 |                            |     |     |     |     |  |                 |
| 80203R  | 30TH ST. & 833 P AVE.     | 15                                      | 22 | 11 | 13 | 3   | 13 | 0.0             | 0.0                        | 0.0 | 0.0 | 0.0 | 0.0 |  |                 |
| 80209C  | IDYLWYLD DR. & 33RD ST.   | 43                                      | 32 | 13 | 12 | 8   | 22 | 0.1             | 0.0                        | 0.0 | 0.0 | 0.0 | 0.0 |  |                 |
|         | EDMONTON, ALTA.           |                                         |    |    |    |     |    |                 |                            |     |     |     |     |  |                 |
| 90121I  | 17 STREET & 105 AVENUE    | 42                                      | 23 | 42 | 16 | 32  | 31 | 0.1             | 0.3                        | 0.3 | 0.0 | 0.1 | 0.2 |  |                 |
| 90122R  | 127 ST. & 133 AVENUE      | 38                                      | 22 | 32 | 19 | 56  | 33 | 0.2             | 0.2                        | 0.4 | 0.1 | 0.2 | 0.2 |  |                 |
| 90130C  | 10255 - 104TH STREET      | 64                                      | 28 | 65 | 25 | 146 | 66 | 0.5             | 0.4                        | 0.3 | 0.2 | 0.5 | 0.4 |  |                 |
|         | CALGARY, ALTA.            |                                         |    |    |    |     |    |                 |                            |     |     |     |     |  |                 |
| 90204C  | 316-7TH AVENUE            | 38                                      | 82 | 28 | 53 | 68  | 54 | 0.2             | 0.2                        | 0.2 | 0.1 | 0.2 | 0.2 |  |                 |
| 90218I  | BONNY BRK & 18A ST. S.E.  | 53                                      | 57 | 67 | 23 | 75  | 55 | 0.5             | 0.1                        | 0.4 | 0.1 | 0.5 | 0.3 |  |                 |
| 90222R  | 39 ST. & 29 AVE. N.W.     | 21                                      | 47 | 21 | 19 | 31  | 28 | 0.2             | 0.1                        | 0.1 | 0.1 | 0.3 | 0.2 |  |                 |
|         | YELLOWKNIFE, N.W.T.       |                                         |    |    |    |     |    |                 |                            |     |     |     |     |  |                 |
| 99001C  | 50TH AVE. & 49TH STREET   | 61                                      | 50 | 7  | 36 | 21  | 35 | 0.1             | 0.2                        | 0.0 | 0.0 | 0.0 | 0.1 |  |                 |
|         | INUVIK, N.W.T.            |                                         |    |    |    |     |    |                 |                            |     |     |     |     |  |                 |
| 99201C  | D.I.A.N.D. RESEARCH LAB.  | -                                       | -  | -  | -  | -   | -  | -               | -                          | -   | -   | -   | -   |  |                 |
|         | IQALUIT, N.W.T.           |                                         |    |    |    |     |    |                 |                            |     |     |     |     |  |                 |
| 99301C  | BAY BLDG.                 | -                                       | -  | -  | -  | -   | -  | -               | -                          | -   | -   | -   | -   |  |                 |
|         | VANCOUVER, B.C.           |                                         |    |    |    |     |    |                 |                            |     |     |     |     |  |                 |
| 00102R  | 100 RICHMOND STREET       | 43                                      | -  | 77 | 29 | 25  | 44 | 0.4             | -                          | 0.1 | 0.1 | 0.1 | 0.2 |  |                 |
| 00104R  | 27TH & ONTARIO            | -                                       | -  | -  | 37 | -   | -  | -               | -                          | -   | 0.1 | -   | -   |  |                 |
| 00108I  | 250 WEST 70TH AVENUE      | -                                       | -  | -  | 32 | 34  | -  | -               | -                          | -   | 0.1 | 0.2 | -   |  |                 |
| 00109C  | 970 BURRARD               | 46                                      | 61 | 73 | 37 | 33  | 50 | 0.1             | 0.2                        | 0.2 | 0.1 | 0.1 | 0.2 |  |                 |
| 00110R  | E. HASTINGS & KENSINGTON  | 20                                      | 44 | 52 | 25 | -   | 35 | 0.1             | 0.2                        | 0.2 | 0.1 | -   | 0.1 |  |                 |
| 00111I  | ROCKY PT. PARK            | 23                                      | 55 | 45 | -  | -   | 41 | 0.1             | 0.3                        | 0.1 | -   | -   | 0.2 |  |                 |
| 00113I  | ANNACIS ISLAND, DELTA     | 53                                      | 98 | 89 | 30 | 27  | 59 | 0.3             | 0.4                        | 0.4 | 0.1 | 0.1 | 0.2 |  |                 |
| 00114C  | MUNICIPAL HALL, RICHMOND  | 37                                      | 68 | 72 | 30 | 30  | 47 | 0.1             | 0.3                        | 0.3 | 0.1 | 0.1 | 0.2 |  |                 |
| 00115R  | NEWTON ELEM. SCH., SURREY | 37                                      | 98 | 49 | 41 | 23  | 50 | 0.1             | 0.4                        | 0.1 | 0.2 | 0.0 | 0.2 |  |                 |
| 00116R  | FIRE HALL, N. VANCOUVER   | 24                                      | 41 | 38 | 43 | 24  | 34 | 0.1             | 0.3                        | 0.2 | 0.2 | 0.1 | 0.2 |  |                 |
| 00117R  | BCIT BURNABY              | 26                                      | 56 | 45 | -  | -   | 42 | 0.1             | 0.3                        | 0.2 | -   | -   | 0.2 |  |                 |
| 00118R  | 2550 WEST 10TH AVENUE     | 27                                      | 52 | 66 | 50 | -   | 49 | 0.2             | 0.3                        | 0.2 | 0.2 | -   | 0.2 |  |                 |
|         | PRINCE GEORGE, B.C.       |                                         |    |    |    |     |    |                 |                            |     |     |     |     |  |                 |
| 00202C  | 1011 4TH AVENUE           | 56                                      | 61 | 18 | 7  | 19  | 32 | 0.1             | 0.1                        | 0.0 | 0.0 | 0.1 | 0.1 |  |                 |
|         | VICTORIA, B.C.            |                                         |    |    |    |     |    |                 |                            |     |     |     |     |  |                 |
| 00303C  | 1250 QUADRA ST.           | 44                                      | 67 | 38 | 33 | 29  | 42 | 0.1             | 0.3                        | 0.1 | 0.1 | 0.1 | 0.2 |  |                 |

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SUSPENDED PARTICULATE MATTER AND LEAD  
MICROGRAMS PER CUBIC METRE

DECEMBER - DECEMBRE  
1989

PLOMB ET PARTICULES EN SUSPENSION  
MICROGRAMMES PAR METRE CUBE

| STATION | LOCATION<br>EMPLACEMENT               | *----- PARTICULATES / PARTICULES -----* |    |    |    |    | MEAN<br>MOYENNE | *----- LEAD / PLOMB -----* |     |     |     |     | MEAN<br>MOYENNE |
|---------|---------------------------------------|-----------------------------------------|----|----|----|----|-----------------|----------------------------|-----|-----|-----|-----|-----------------|
|         |                                       | 6                                       | 12 | 18 | 24 | 30 |                 | 6                          | 12  | 18  | 24  | 30  |                 |
| 00401C  | KAMLOOPS, B.C.<br>301 SEYMOUR ST.     | -                                       | 81 | 67 | -  | -  | -               | -                          | 0.0 | 0.1 | -   | -   | -               |
| 00701C  | KELOWNA, B.C.<br>100 KLO RD.          | 29                                      | 71 | 41 | 16 | 13 | 34              | 0.0                        | 0.1 | 0.0 | 0.0 | 0.0 | 0.0             |
| 09001C  | WHITEHORSE, YUKON<br>FEDERAL BUILDING | 18                                      | 33 | 36 | 5  | 13 | 21              | 0.0                        | 0.0 | 0.1 | 0.0 | 0.0 | 0.0             |

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

DECEMBER - DECEMBRE  
1989

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

| STATION | LOCATION<br>EMPLACEMENT                         | *----- DAY / JOUR -----* |    |    |    |    |
|---------|-------------------------------------------------|--------------------------|----|----|----|----|
|         |                                                 | 6                        | 12 | 18 | 24 | 30 |
| 10102C  | ST. JOHN'S, NFLD.<br>354 WATER STREET           | 1                        | 0  | 1  | 1  | 0  |
| 20101C  | CHARLOTTETOWN, P.E.I.<br>56 FITZROY ST.         | -                        | -  | 0  | 0  | 0  |
| 30115I  | HALIFAX, N.S.<br>CFB SHEARWATER                 | -                        | -  | -  | -  | -  |
| 30310C  | SYDNEY, N.S.<br>COUNTY JAIL                     | 0                        | -  | -  | -  | -  |
| 30409R  | GLACE BAY, N.S.<br>SOUTH STREET                 | -                        | -  | 0  | 0  | 0  |
| 40203R  | SAINT JOHN, N.B.<br>FOREST HILLS                | -                        | -  | -  | -  | -  |
| 50102R  | MONTREAL, QUEBEC<br>JARDIN BOTANIQUE            | 2                        | 2  | -  | 2  | 5  |
| 50103R  | POINTE-AUX-TREMBLES                             | 2                        | -  | -  | 3  | 4  |
| 50104C  | 1125 ONTARIO EST                                | 2                        | 3  | 2  | 2  | 3  |
| 50109C  | DUNCAN & DECARIE                                | 6                        | -  | -  | -  | -  |
| 50110C  | PARC PILON, MTL.-NORD                           | -                        | 5  | 1  | 3  | 5  |
| 50112C  | BOUL. LAURENTIDES                               | 1                        | 2  | 0  | 1  | 2  |
| 50113R  | PIE X & CARDINAL                                | -                        | 2  | 0  | 1  | 1  |
| 50116R  | 3161 JOSEPH, VERDUN                             | -                        | 1  | -  | -  | 2  |
| 50119R  | 699 CURE POIRIER                                | 0                        | 0  | -  | 1  | -  |
| 50120R  | 4TH. AVE. SOUTH, ROXBORO                        | -                        | 2  | -  | -  | 5  |
| 50203R  | HULL, QUEBEC<br>GAMELIN & JOFFRE                | 2                        | 0  | 1  | 1  | 1  |
| 50303I  | QUEBEC, QUEBEC<br>CENTRE LOISIRS LIMOILLOU      | -                        | -  | -  | -  | -  |
| 50306R  | 2026 BLVD. ST-CYRILLE                           | -                        | -  | -  | -  | -  |
| 50307C  | PARC CARTIER BREBOEUF                           | -                        | -  | -  | -  | 2  |
| 50308I  | 600 RUE DES SABLES                              | -                        | -  | -  | -  | 1  |
| 50601C  | ROUYN, QUEBEC<br>HOTEL DE VILLE                 | -                        | 0  | -  | 0  | -  |
| 50801R  | TROIS-RIVIERES, QUEBEC<br>HART & STE-CECILE     | 1                        | 0  | 1  | 0  | 2  |
| 50901R  | ARVIDA, QUEBEC<br>POWELL & HOOPES               | 1                        | 0  | 0  | 1  | 6  |
| 51201I  | SHAMINIGAN, QUEBEC<br>FRIGON & LAVAL            | 3                        | 2  | 8  | -  | -  |
| 51302R  | BAIE COMEAU, QUEBEC<br>39 AVENUE MANCE          | 0                        | 0  | 0  | 0  | 0  |
| 60101C  | OTTAWA, ONT.<br>88 SLATER ST.                   | 1                        | 0  | 2  | 1  | 1  |
| 60104C  | RIDEAU & WURTEMBURG                             | 1                        | 0  | 1  | 1  | 1  |
| 60204C  | WINDSOR, ONT.<br>471 UNIVERSITY AVENUE          | 1                        | 1  | 7  | 4  | 3  |
| 60212I  | WATER & WRIGHT AVE.                             | -                        | 1  | 3  | 2  | 1  |
| 60403I  | TORONTO, ONT.<br>EVANS & ARNOLD                 | -                        | -  | -  | -  | -  |
| 60410R  | LAWRENCE & KENNEDY                              | -                        | -  | -  | -  | -  |
| 60413R  | ELMCREST ROAD                                   | -                        | -  | -  | -  | -  |
| 60415R  | QUEENSWAY W & HURONTARIO                        | -                        | -  | -  | -  | -  |
| 60417C  | 26 BREADALBANE STREET                           | -                        | -  | -  | -  | -  |
| 60501C  | HAMILTON, ONT.<br>BARTON & SANFORD              | 1                        | 3  | 2  | 1  | 3  |
| 60511R  | 467 BEACH BLVD.                                 | 5                        | 2  | 14 | 8  | 2  |
| 60512C  | BEASLEY PARK                                    | 1                        | 3  | 2  | 1  | 2  |
| 60602R  | SUDBURY, ONT.<br>ASH STREET                     | 0                        | 0  | 1  | 0  | 0  |
| 60707I  | SAULT STE. MARIE, ONT.<br>WM. HERRIFIELD SCHOOL | 0                        | 1  | 1  | 3  | 1  |
| 60807R  | THUNDER BAY, ONT.<br>615 JAMES STREET SOUTH     | 0                        | 0  | 0  | 0  | 0  |
| 60901C  | LONDON, ONT.<br>KING & RECTORY                  | 1                        | 1  | 3  | 1  | 1  |
| 61004R  | SARNIA, ONT.<br>FRONT ST. AT C.N. TRACKS        | 1                        | 1  | 1  | 1  | 1  |

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

DECEMBER - DECEMBRE  
1989

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

| STATION | LOCATION<br>EMPLACEMENT                      | *----- DAY / JOUR -----* |    |    |    |    |
|---------|----------------------------------------------|--------------------------|----|----|----|----|
|         |                                              | 6                        | 12 | 18 | 24 | 30 |
| 61501C  | KITCHENER, ONT.<br>EDNA & FREDERICK          | 0                        | 1  | 2  | 1  | 2  |
| 61602R  | OAKVILLE, ONT.<br>BRONTE AND WOBURN CRES.    | -                        | -  | -  | -  | -  |
| 61701R  | OSHAWA, ONT.<br>RITSON RD. & OLIVE AVE.      | -                        | -  | -  | -  | -  |
| 61802R  | GUELPH, ONT.<br>EXHIBITION PARK              | 1                        | 0  | 0  | 1  | 0  |
| 62001R  | NORTH BAY, ONT.<br>O.P.P. STATION            | 0                        | 0  | 0  | 0  | -  |
| 70118R  | WINNIPEG, MAN.<br>JEFFERSON & SCOTIA         | 0                        | 0  | 0  | 0  | 0  |
| 70119C  | 65 ELLEN STREET                              | 0                        | 0  | 2  | 0  | 0  |
| 80110C  | REGINA, SASK.<br>2505 11TH. AVENUE           | 0                        | 0  | 0  | 0  | 0  |
| 80209C  | SASKATOON, SASK.<br>IDYLLWYLD DR. & 33RD ST. | 0                        | 0  | 0  | 0  | 0  |
| 90121I  | EDMONTON, ALTA.<br>17 STREET & 105 AVENUE    | 0                        | 0  | 0  | 0  | 0  |
| 90218I  | CALGARY, ALTA.<br>BONNY BRK & 18A ST. S.E.   | 0                        | 1  | 1  | 0  | 0  |
| 00110R  | VANCOUVER, B.C.<br>E. HASTINGS & KENSINGTON  | 0                        | 1  | 1  | 1  | -  |
| 00111I  | ROCKY PT. PARK                               | 0                        | 1  | 1  | -  | -  |
| 00118R  | 2550 WEST 10TH AVENUE                        | 0                        | 1  | 2  | 1  | -  |
| 00303C  | VICTORIA, B.C.<br>1250 QUADRA ST.            | -                        | -  | -  | -  | -  |
| 00401C  | KAMLOOPS, B.C.<br>301 SEYMOUR ST.            | -                        | -  | -  | -  | -  |

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

DECEMBER - DECEMBRE  
1989

RETOMBEES DE POUSSIERES  
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 POUSSIERES | S03  |
|---------|----------------------------------------------------|-------------------------------------|------|
| 60403I  | TORONTO, ONT.<br>EVANS & ARNOLD                    | -                                   | -    |
| 60501C  | HAMILTON, ONT.<br>BARTON & SANFORD                 | -                                   | -    |
| 60502I  | BURLINGTON & GAGE                                  | -                                   | -    |
| 60503I  | CHATHAM & FRID                                     | -                                   | -    |
| 60507C  | HUGHSON & HUNTER                                   | -                                   | -    |
| 60702R  | SAULT STE. MARIE, ONT.<br>ANNA MCREA PUBLIC SCHOOL | 0.5                                 | -    |
| 60703I  | BAYVIEW & YOUNG                                    | 2.0                                 | -    |
| 60801C  | THUNDER BAY, ONT.<br>14 ALGOMA STREET              | 0.9                                 | -    |
| 90125C  | EDMONTON, ALTA.<br>PRINS ELIZABETH & 108 ST        | -                                   | - ** |
| 90126R  | 77 AVENUE & 85 STREET                              | -                                   | - ** |
| 90127I  | 115 AVENUE & 159 STREET                            | -                                   | - ** |
| 90128R  | 99 AVENUE & 160 STREET                             | -                                   | - ** |
| 90219C  | CALGARY, ALTA.<br>620-7TH AVENUE, S.W.             | -                                   | - ** |
| 90221R  | DALHOUSIE DR & DALHAM DR                           | -                                   | - ** |
| 90223C  | 11 ST. & 38 AVE. S.E.                              | -                                   | - ** |
| 90224I  | OGDENDALE & 71 AVE S.E.                            | -                                   | - ** |
| 90225R  | PALLISER DR & OAKWOOD SW                           | -                                   | - ** |
| 90226I  | SHEPPARD & 84 AVE S.E.                             | -                                   | - ** |

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