

Rec'd Apr 14/89  
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# National Air Pollution Surveillance

# Surveillance nationale de la pollution atmosphérique

## Monthly Summary

## Extrait mensuel

Report EPS 7/AP/7-88  
July 1988

Rapport SPE 7/AP/7-88  
Juillet 1988



SULPHUR DIOXIDE  
PARTS PER HUNDRED MILLIONJULY - JUILLET  
1988DIOXYDE DE SOUFRE  
PARTIES PAR CENT MILLIONS

| STATION | LOCATION<br>EMPLACEMENT                     | NUMBER OF<br>HOURLY SAMPLES<br>NOMBRE DE<br>DONNEES HORAIRES | MONTHLY<br>MEAN<br>MOYENNE<br>MENSUELLE | FREQUENCY DISTRIBUTIONS - CENTILES - DISTRIBUTIONS DES FREQUENCES |    |    |     | INTERVALS - INTERVALLES |    |    |     | MEANS ---- MOYENNES |    |    |     |
|---------|---------------------------------------------|--------------------------------------------------------------|-----------------------------------------|-------------------------------------------------------------------|----|----|-----|-------------------------|----|----|-----|---------------------|----|----|-----|
|         |                                             |                                                              |                                         | 1-HOUR / HEURE                                                    |    |    |     | 24-HOUR / HEURES        |    |    |     |                     |    |    |     |
|         |                                             |                                                              |                                         | 70                                                                | 95 | 99 | MAX | 70                      | 95 | 99 | MAX | 70                  | 95 | 99 | MAX |
| 10101C  | ST. JOHN'S, Nfld.<br>DUCKWORTH & ORDINANCE  | 259                                                          | ---                                     | 0                                                                 | 1  | 2  | 2   | 0                       | 1  | 1  | 1   |                     |    |    |     |
| 20101C  | CHARLOTTETOWN, P.E.I.<br>56 FITZROY ST.     | 712                                                          | 0.1                                     | 0                                                                 | 0  | 0  | 5   | 0                       | 0  | 0  | 0   |                     |    |    |     |
| 30115I  | HALIFAX, N.S.<br>CPB SHEARWATER             | 713                                                          | 0.4                                     | 0                                                                 | 2  | 4  | 17  | 1                       | 1  | 2  | 2   |                     |    |    |     |
| 30117C  | BEDFORD ROW POST OFFICE                     | 713                                                          | 1.3                                     | 1                                                                 | 4  | 7  | 17  | 2                       | 3  | 4  | 4   |                     |    |    |     |
| 30310C  | SYDNEY, N.S.<br>COUNTY JAIL                 | 0                                                            | ---                                     | -                                                                 | -  | -  | -   | -                       | -  | -  | -   |                     |    |    |     |
| 30409R  | GLACE BAY, N.S.<br>SOUTH STREET             | 0                                                            | ---                                     | -                                                                 | -  | -  | -   | -                       | -  | -  | -   |                     |    |    |     |
| 40202C  | SAINT JOHN, N.B.<br>POST OFFICE             | 0                                                            | ---                                     | -                                                                 | -  | -  | -   | -                       | -  | -  | -   |                     |    |    |     |
| 40203R  | FOREST HILLS                                | 0                                                            | ---                                     | -                                                                 | -  | -  | -   | -                       | -  | -  | -   |                     |    |    |     |
| 50102R  | MONTREAL, QUEBEC<br>JARDIN BOTANIQUE        | 0                                                            | ---                                     | -                                                                 | -  | -  | -   | -                       | -  | -  | -   |                     |    |    |     |
| 50103R  | POINTE-AUX-TREMBLES                         | 735                                                          | 0.4                                     | 0                                                                 | 2  | 3  | 7   | 1                       | 1  | 2  | 2   |                     |    |    |     |
| 50104C  | 1125 ONTARIO EST                            | 744                                                          | 0.0                                     | 0                                                                 | 0  | 1  | 4   | 0                       | 0  | 0  | 0   |                     |    |    |     |
| 50109C  | DUNCAN & DECARIE                            | 738                                                          | 0.2                                     | 0                                                                 | 1  | 2  | 3   | 0                       | 1  | 1  | 1   |                     |    |    |     |
| 50110C  | PARC PILON, MTL.-NORD                       | 0                                                            | ---                                     | -                                                                 | -  | -  | -   | -                       | -  | -  | -   |                     |    |    |     |
| 50112C  | BOUL. LAURENTIDES                           | 283                                                          | ---                                     | 0                                                                 | 2  | 3  | 3   | 0                       | 1  | 2  | 2   |                     |    |    |     |
| 50113R  | PIE X & CARDINAL                            | 712                                                          | 0.0                                     | 0                                                                 | 0  | 0  | 1   | 0                       | 0  | 0  | 0   |                     |    |    |     |
| 50115C  | 1001 BOUL MAISONNEUVE O.                    | 661                                                          | 0.3                                     | 0                                                                 | 1  | 2  | 8   | 0                       | 1  | 1  | 1   |                     |    |    |     |
| 50116R  | 3161 JOSEPH, VERDUN                         | 725                                                          | 0.3                                     | 0                                                                 | 1  | 2  | 7   | 0                       | 1  | 2  | 2   |                     |    |    |     |
| 50117R  | 7405 CHAMPAGNEUR                            | 744                                                          | 0.1                                     | 0                                                                 | 1  | 1  | 3   | 0                       | 0  | 1  | 1   |                     |    |    |     |
| 50118R  | 820 ST. GERMAIN                             | 741                                                          | 0.0                                     | 0                                                                 | 0  | 1  | 1   | 0                       | 0  | 0  | 0   |                     |    |    |     |
| 50119R  | 699 CURE POIRIER                            | 670                                                          | 0.1                                     | 0                                                                 | 1  | 1  | 2   | 0                       | 1  | 1  | 1   |                     |    |    |     |
| 50120R  | 4TH. AVE. SOUTH, ROXBORO                    | 652                                                          | 0.0                                     | 0                                                                 | 0  | 0  | 1   | 0                       | 0  | 0  | 0   |                     |    |    |     |
| 50203R  | HULL, QUEBEC<br>GAMBLIN & JOFFRE            | 737                                                          | 0.3                                     | 0                                                                 | 1  | 1  | 1   | 0                       | 1  | 1  | 1   |                     |    |    |     |
| 50303I  | QUEBEC, QUEBEC<br>CENTRE LOISIRS LYMOILOU   | 521                                                          | 0.9                                     | 1                                                                 | 3  | 7  | 16  | 1                       | 2  | 3  | 3   |                     |    |    |     |
| 50306R  | 2026 BLVD. ST-CYRILLE                       | 555                                                          | 0.4                                     | 1                                                                 | 2  | 3  | 3   | 1                       | 2  | 2  | 2   |                     |    |    |     |
| 50307C  | PARC CARTIER BREBEOUF                       | 709                                                          | 0.1                                     | 0                                                                 | 1  | 2  | 4   | 0                       | 1  | 1  | 1   |                     |    |    |     |
| 50601C  | ROUYN, QUEBEC<br>HOTEL DE VILLE             | 0                                                            | ---                                     | -                                                                 | -  | -  | -   | -                       | -  | -  | -   |                     |    |    |     |
| 50801R  | TROIS-RIVIERES, QUEBEC<br>HART & STE-CECILE | 696                                                          | 0.4                                     | 0                                                                 | 3  | 4  | 5   | 1                       | 1  | 2  | 2   |                     |    |    |     |
| 50901R  | ARVIDA, QUEBEC<br>POWELL & HOOPES           | 712                                                          | 0.4                                     | 0                                                                 | 2  | 4  | 10  | 0                       | 1  | 2  | 2   |                     |    |    |     |
| 51201I  | SHAWINIGAN, QUEBEC<br>PRIGON & LAVAL        | 712                                                          | 0.8                                     | 0                                                                 | 5  | 12 | 21  | 1                       | 4  | 5  | 5   |                     |    |    |     |
| 51302R  | BAIE COMEAU, QUEBEC<br>39 AVENUE MANCE      | 586                                                          | 0.7                                     | 0                                                                 | 3  | 12 | 91  | 0                       | 2  | 9  | 10  |                     |    |    |     |
| 60101C  | OTTAWA, ONT.<br>88 SLATER ST.               | 729                                                          | 0.5                                     | 1                                                                 | 1  | 1  | 1   | 1                       | 1  | 1  | 1   |                     |    |    |     |
| 60104C  | RIDEAU & WURTEMBERG                         | 741                                                          | 0.0                                     | 0                                                                 | 0  | 0  | 0   | 0                       | 0  | 0  | 0   |                     |    |    |     |
| 60204C  | WINDSOR, ONT.<br>471 UNIVERSITY AVENUE      | 734                                                          | 1.7                                     | 2                                                                 | 5  | 7  | 9   | 2                       | 4  | 5  | 5   |                     |    |    |     |
| 60211R  | COLLEGE & PRINCE                            | 737                                                          | 0.5                                     | 1                                                                 | 2  | 4  | 7   | 1                       | 1  | 2  | 2   |                     |    |    |     |
| 60212I  | WATER & WRIGHT AVE.                         | 734                                                          | 0.8                                     | 1                                                                 | 3  | 4  | 9   | 1                       | 2  | 2  | 2   |                     |    |    |     |
| 60402R  | TORONTO, ONT.<br>DON MILLS, SCIENCE CNTR    | 729                                                          | 0.1                                     | 0                                                                 | 1  | 2  | 5   | 0                       | 1  | 1  | 1   |                     |    |    |     |
| 60403I  | EVANS & ARNOLD                              | 744                                                          | 1.6                                     | 1                                                                 | 7  | 11 | 15  | 2                       | 6  | 8  | 8   |                     |    |    |     |
| 60409R  | REDLANDS CRESCENT                           | 733                                                          | 0.1                                     | 0                                                                 | 1  | 2  | 4   | 0                       | 1  | 1  | 1   |                     |    |    |     |
| 60410R  | LAWRENCE & KENNEDY                          | 691                                                          | 1.0                                     | 1                                                                 | 2  | 5  | 10  | 1                       | 2  | 3  | 3   |                     |    |    |     |
| 60413R  | ELMCREST ROAD                               | 724                                                          | 0.5                                     | 0                                                                 | 2  | 6  | 18  | 1                       | 2  | 2  | 2   |                     |    |    |     |
| 60415R  | QUEENSWAY W & HURONTARIO                    | 732                                                          | 0.3                                     | 0                                                                 | 2  | 4  | 7   | 0                       | 1  | 1  | 2   |                     |    |    |     |
| 60417C  | 26 BREADALBANE STREET                       | 744                                                          | 0.9                                     | 1                                                                 | 2  | 4  | 12  | 1                       | 2  | 2  | 3   |                     |    |    |     |
| 60501C  | HAMILTON, ONT.<br>BARTON & SANFORD          | 727                                                          | 1.1                                     | 1                                                                 | 4  | 7  | 10  | 2                       | 3  | 4  | 4   |                     |    |    |     |
| 60511R  | 467 BEACH BLVD.                             | 726                                                          | 1.0                                     | 1                                                                 | 4  | 8  | 11  | 1                       | 3  | 4  | 5   |                     |    |    |     |
| 60512C  | BEASLEY PARK                                | 725                                                          | 1.0                                     | 1                                                                 | 4  | 8  | 15  | 1                       | 3  | 3  | 4   |                     |    |    |     |
| 60602R  | SUDBURY, ONT.<br>ASH STREET                 | 736                                                          | 0.4                                     | 0                                                                 | 2  | 6  | 11  | 1                       | 1  | 2  | 2   |                     |    |    |     |
| 60606C  | KENNEDY STREET                              | 693                                                          | 0.2                                     | 0                                                                 | 1  | 3  | 9   | 0                       | 1  | 1  | 1   |                     |    |    |     |

--- 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 MILLIONJULY - JUILLET  
1988DIOXYDE 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 |
| 60607R  | SCIENCE CENTRE NORTH                            | 740                                                          | 0.2                                     | 0                                    | 1  | 2           | 6   | 0                            | 1  | 1        | 1   |
| 60707I  | SAULT STE. MARIE, ONT.<br>WM. MERRIFIELD SCHOOL | 738                                                          | 0.4                                     | 0                                    | 3  | 6           | 10  | 0                            | 2  | 3        | 3   |
| 60807R  | THUNDER BAY, ONT.<br>615 JAMES STREET SOUTH     | 740                                                          | 0.1                                     | 0                                    | 1  | 1           | 4   | 0                            | 0  | 1        | 1   |
| 60901C  | LONDON, ONT.<br>KING & RECTORY                  | 729                                                          | 0.6                                     | 1                                    | 1  | 1           | 2   | 1                            | 1  | 1        | 1   |
| 61004R  | SARNIA, ONT.<br>FRONT ST. AT C.N. TRACKS        | 737                                                          | 0.3                                     | 0                                    | 1  | 5           | 12  | 0                            | 2  | 3        | 3   |
| 61103C  | PETERBOROUGH, ONT.<br>500 GEORGE STREET         | 717                                                          | 0.1                                     | 0                                    | 1  | 1           | 1   | 0                            | 0  | 1        | 1   |
| 61201R  | CORNWALL, ONT.<br>MEMORIAL PARK                 | 740                                                          | 0.6                                     | 0                                    | 3  | 7           | 11  | 1                            | 2  | 2        | 2   |
| 61302C  | ST. CATHARINES, ONT.<br>ARGYLE CRESCENT         | 725                                                          | 2.7                                     | 3                                    | 5  | 5           | 6   | 3                            | 5  | 5        | 5   |
| 61501C  | KITCHENER, ONT.<br>EDNA & FREDERICK             | 729                                                          | 0.1                                     | 0                                    | 1  | 2           | 3   | 0                            | 1  | 1        | 1   |
| 61602R  | OAKVILLE, ONT.<br>BRONTE AND WOBURN CRES.       | 732                                                          | 0.6                                     | 1                                    | 2  | 6           | 10  | 1                            | 2  | 2        | 3   |
| 61701R  | OSHAWA, ONT.<br>RITSON RD. & OLIVE AVE.         | 730                                                          | 0.8                                     | 1                                    | 2  | 2           | 3   | 1                            | 1  | 1        | 1   |
| 61802R  | GUELPH, ONT.<br>EXHIBITION PARK                 | 728                                                          | 0.1                                     | 0                                    | 1  | 1           | 5   | 0                            | 1  | 1        | 1   |
| 70118R  | WINNIPEG, MAN.<br>JEFFERSON & SCOTIA            | 707                                                          | 0.0                                     | 0                                    | 0  | 0           | 1   | 0                            | 0  | 0        | 0   |
| 70119C  | 65 ELLEN STREET                                 | 692                                                          | 0.0                                     | 0                                    | 0  | 1           | 6   | 0                            | 0  | 0        | 0   |
| 80110C  | REGINA, SASK.<br>2505 11TH. AVENUE              | 702                                                          | 0.2                                     | 0                                    | 0  | 1           | 2   | 0                            | 0  | 0        | 0   |
| 80209C  | SASKATOON, SASK.<br>IDYLYLD DR. & 33RD ST.      | 704                                                          | 0.0                                     | 0                                    | 0  | 0           | 0   | 0                            | 0  | 0        | 0   |
| 90121I  | EDMONTON, ALTA.<br>17 STREET & 105 AVENUE       | 744                                                          | 0.3                                     | 0                                    | 1  | 2           | 3   | 0                            | 1  | 1        | 1   |
| 90218I  | CALGARY, ALTA.<br>BONNY BRK & 18A ST. S.E.      | 741                                                          | 0.4                                     | 1                                    | 1  | 2           | 3   | 1                            | 1  | 1        | 1   |
| 00110R  | VANCOUVER, B.C.<br>E. HASTINGS & KENSINGTON     | 729                                                          | 0.6                                     | 1                                    | 2  | 4           | 6   | 1                            | 2  | 2        | 2   |
| 00111I  | ROCKY PT. PARK                                  | 684                                                          | 0.5                                     | 1                                    | 2  | 3           | 6   | 1                            | 1  | 1        | 2   |
| 00112C  | ROBSON/HORNBY                                   | 729                                                          | 0.6                                     | 1                                    | 1  | 2           | 4   | 1                            | 1  | 1        | 1   |
| 00118R  | 2550 WEST 10TH AVENUE                           | 0                                                            | ---                                     | -                                    | -  | -           | -   | -                            | -  | -        | -   |
| 00303C  | VICTORIA, B.C.<br>1250 QUADRA ST.               | 697                                                          | 0.5                                     | 1                                    | 1  | 2           | 3   | 1                            | 1  | 1        | 1   |
| 00401C  | KAMLOOPS, B.C.<br>301 SEYMOUR ST.               | 708                                                          | 0.0                                     | 0                                    | 0  | 1           | 1   | 0                            | 0  | 0        | 0   |

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

CARBON MONOXIDE  
PARTS PER MILLIONJULY - JUILLET  
1988MONOXYDE 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           |    |    |     | MEANS            |    |    |     | MEANS |  |  |  |
|         |                                                 |                                                              |                                         | 1-HOUR / HEURE                                                    |    |    |     | 8-HOUR / HEURES |    |    |     | 24-HOUR / HEURES |    |    |     |       |  |  |  |
|         |                                                 |                                                              |                                         | 70                                                                | 95 | 99 | MAX | 70              | 95 | 99 | MAX | 70               | 95 | 99 | MAX |       |  |  |  |
| 10101C  | ST. JOHN'S, Nfld.<br>DUCKWORTH & ORDINANCE      | 615                                                          | 0.7                                     | 1                                                                 | 2  | 2  | 2   | 1               | 1  | 2  | 2   | 1                | 1  | 1  | 1   |       |  |  |  |
| 30117C  | HALIFAX, N.S.<br>BEDFORD ROW POST OFFICE        | 729                                                          | 0.9                                     | 1                                                                 | 2  | 3  | 4   | 1               | 2  | 2  | 2   | 1                | 1  | 2  | 2   |       |  |  |  |
| 40202C  | SAINT JOHN, N.B.<br>POST OFFICE                 | 0                                                            | ---                                     | -                                                                 | -  | -  | -   | -               | -  | -  | -   | -                | -  | -  | -   |       |  |  |  |
| 50102R  | MONTREAL, QUEBEC<br>JARDIN BOTANIQUE            | 0                                                            | ---                                     | -                                                                 | -  | -  | -   | -               | -  | -  | -   | -                | -  | -  | -   |       |  |  |  |
| 50103R  | POINTE-AUX-TREMBLES                             | 0                                                            | ---                                     | -                                                                 | -  | -  | -   | -               | -  | -  | -   | -                | -  | -  | -   |       |  |  |  |
| 50104C  | 1125 ONTARIO EST                                | 744                                                          | 0.7                                     | 1                                                                 | 2  | 4  | 7   | 1               | 1  | 4  | 5   | 1                | 2  | 3  | 3   |       |  |  |  |
| 50109C  | DUNCAN & DECARIE                                | 738                                                          | 1.2                                     | 2                                                                 | 3  | 4  | 5   | 2               | 3  | 3  | 3   | 2                | 2  | 3  | 3   |       |  |  |  |
| 50110C  | PARC PILON, MTL.-NORD                           | 704                                                          | 0.5                                     | 1                                                                 | 2  | 3  | 5   | 1               | 2  | 3  | 3   | 1                | 1  | 2  | 2   |       |  |  |  |
| 50112C  | BOUL. LAURENTIDES                               | 283                                                          | ---                                     | 1                                                                 | 2  | 2  | 3   | 1               | 1  | 2  | 2   | 1                | 1  | 1  | 1   |       |  |  |  |
| 50113R  | PIE X & CARDINAL                                | 734                                                          | ---                                     | 0                                                                 | 1  | 2  | 3   | 0               | 1  | 1  | 2   | 0                | 1  | 1  | 1   |       |  |  |  |
| 50115C  | 1001 BOUL MAISONNEUVE O.                        | 253                                                          | ---                                     | 2                                                                 | 4  | 6  | 7   | 2               | 4  | 5  | 5   | 2                | 3  | 4  | 4   |       |  |  |  |
| 50116R  | 3161 JOSEPH, VERDUN                             | 725                                                          | ---                                     | 0                                                                 | 1  | 3  | 5   | 0               | 1  | 3  | 4   | 0                | 1  | 2  | 2   |       |  |  |  |
| 50119R  | 499 CURE POIRIER                                | 670                                                          | ---                                     | 1                                                                 | 1  | 2  | 5   | 1               | 1  | 2  | 2   | 1                | 1  | 1  | 1   |       |  |  |  |
| 50120R  | 4TH. AVE. SOUTH, ROXBORO                        | 738                                                          | ---                                     | 0                                                                 | 1  | 1  | 3   | 0               | 1  | 1  | 1   | 0                | 0  | 1  | 1   |       |  |  |  |
| 50203R  | HULL, QUEBEC<br>GAMBLIN & JOFFRE                | 736                                                          | ---                                     | 1                                                                 | 1  | 1  | 2   | 1               | 1  | 1  | 1   | 1                | 1  | 1  | 1   |       |  |  |  |
| 50307C  | QUEBEC, QUEBEC<br>PARC CARTIER BREBIEUF         | 711                                                          | 0.6                                     | 1                                                                 | 1  | 2  | 3   | 1               | 1  | 2  | 2   | 1                | 1  | 1  | 1   |       |  |  |  |
| 60101C  | OTTAWA, ONT.<br>88 SLATER ST.                   | 733                                                          | 1.2                                     | 2                                                                 | 3  | 4  | 5   | 2               | 2  | 3  | 3   | 2                | 2  | 2  | 2   |       |  |  |  |
| 60104C  | RIDEAU & WURTEMBURG                             | 742                                                          | ---                                     | 1                                                                 | 1  | 1  | 3   | 1               | 1  | 1  | 2   | 1                | 1  | 1  | 1   |       |  |  |  |
| 60204C  | WINDSOR, ONT.<br>471 UNIVERSITY AVENUE          | 732                                                          | 1.7                                     | 2                                                                 | 3  | 3  | 4   | 2               | 3  | 3  | 3   | 2                | 2  | 2  | 3   |       |  |  |  |
| 60402R  | TORONTO, ONT.<br>DON MILLS, SCIENCE CNTR        | 740                                                          | 0.7                                     | 1                                                                 | 2  | 2  | 6   | 1               | 2  | 2  | 2   | 1                | 2  | 2  | 2   |       |  |  |  |
| 60403I  | EVANS & ARNOLD                                  | 743                                                          | 1.8                                     | 2                                                                 | 7  | 11 | 14  | 2               | 6  | 9  | 11  | 2                | 6  | 8  | 8   |       |  |  |  |
| 60410R  | LAWRENCE & KENNEDY                              | 742                                                          | 1.0                                     | 1                                                                 | 3  | 4  | 5   | 1               | 2  | 3  | 3   | 1                | 2  | 3  | 3   |       |  |  |  |
| 60413R  | ELMCREST ROAD                                   | 732                                                          | 2.8                                     | 3                                                                 | 9  | 11 | 11  | 3               | 8  | 11 | 11  | 3                | 6  | 7  | 7   |       |  |  |  |
| 60415R  | QUEENSWAY W & HURONTARIO                        | 732                                                          | 1.1                                     | 1                                                                 | 2  | 3  | 4   | 1               | 2  | 2  | 2   | 1                | 2  | 2  | 2   |       |  |  |  |
| 60416C  | 381 YONGE STREET                                | 733                                                          | 3.3                                     | 4                                                                 | 8  | 13 | 18  | 4               | 6  | 9  | 14  | 4                | 6  | 7  | 7   |       |  |  |  |
| 60417C  | 26 BREADALBANE STREET                           | 694                                                          | 0.9                                     | 1                                                                 | 2  | 3  | 5   | 1               | 2  | 2  | 2   | 1                | 1  | 2  | 2   |       |  |  |  |
| 60511R  | HAMILTON, ONT.<br>467 BEACH BLVD.               | 723                                                          | 0.9                                     | 1                                                                 | 2  | 3  | 8   | 1               | 2  | 3  | 3   | 1                | 2  | 2  | 2   |       |  |  |  |
| 60512C  | BEASLEY PARK                                    | 721                                                          | 1.4                                     | 2                                                                 | 2  | 4  | 5   | 2               | 2  | 3  | 3   | 2                | 2  | 3  | 3   |       |  |  |  |
| 60607R  | SUDBURY, ONT.<br>SCIENCE CENTRE NORTH           | 0                                                            | ---                                     | -                                                                 | -  | -  | -   | -               | -  | -  | -   | -                | -  | -  | -   |       |  |  |  |
| 60707I  | SAULT STE. MARIE, ONT.<br>WM. MERRIFIELD SCHOOL | 738                                                          | ---                                     | 0                                                                 | 1  | 1  | 2   | 0               | 1  | 1  | 2   | 0                | 1  | 1  | 1   |       |  |  |  |
| 60807R  | THUNDER BAY, ONT.<br>615 JAMES STREET SOUTH     | 726                                                          | ---                                     | 0                                                                 | 1  | 1  | 2   | 0               | 1  | 1  | 1   | 0                | 1  | 1  | 1   |       |  |  |  |
| 60901C  | LONDON, ONT.<br>KING & RECTORY                  | 737                                                          | ---                                     | 0                                                                 | 1  | 3  | 3   | 0               | 1  | 2  | 2   | 0                | 1  | 1  | 1   |       |  |  |  |
| 61004R  | SARNIA, ONT.<br>FRONT ST. AT C.N. TRACKS        | 737                                                          | ---                                     | 1                                                                 | 1  | 3  | 6   | 1               | 1  | 3  | 3   | 1                | 1  | 2  | 2   |       |  |  |  |
| 61201R  | CORNWALL, ONT.<br>MEMORIAL PARK                 | 738                                                          | ---                                     | 0                                                                 | 1  | 1  | 2   | 0               | 1  | 1  | 1   | 0                | 1  | 1  | 1   |       |  |  |  |
| 61302C  | ST. CATHARINES, ONT.<br>ARGYLE CRESCENT         | 727                                                          | 1.0                                     | 1                                                                 | 2  | 2  | 3   | 1               | 1  | 2  | 2   | 1                | 1  | 1  | 2   |       |  |  |  |
| 61501C  | KITCHENER, ONT.<br>EDNA & FREDERICK             | 728                                                          | ---                                     | 1                                                                 | 2  | 3  | 4   | 1               | 1  | 2  | 3   | 1                | 1  | 2  | 2   |       |  |  |  |
| 61602R  | OAKVILLE, ONT.<br>BRONTE AND WOBURN CRES.       | 685                                                          | 0.9                                     | 1                                                                 | 1  | 2  | 2   | 1               | 1  | 2  | 2   | 1                | 1  | 1  | 1   |       |  |  |  |
| 61701R  | OSHAWA, ONT.<br>RITSON RD. & OLIVE AVE.         | 727                                                          | 1.3                                     | 1                                                                 | 2  | 3  | 4   | 1               | 2  | 2  | 2   | 1                | 2  | 2  | 2   |       |  |  |  |
| 70118R  | WINNIPEG, MAN.<br>JEFFERSON & SCOTIA            | 707                                                          | ---                                     | 0                                                                 | 1  | 3  | 4   | 0               | 1  | 2  | 2   | 0                | 1  | 1  | 1   |       |  |  |  |
| 70119C  | 65 ELLEN STREET                                 | 690                                                          | 0.8                                     | 1                                                                 | 2  | 3  | 3   | 1               | 1  | 2  | 2   | 1                | 1  | 1  | 1   |       |  |  |  |

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

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

CARBON MONOXIDE  
PARTS PER MILLIONJULY - JUILLET  
1988MONOXYDE DE CARBONE  
PARTIES PAR MILLION

| STATION | LOCATION<br>EMPLACEMENT                     | NUMBER OF<br>HOURLY SAMPLES<br>NOMBRE DE<br>DONNEES HORAIRES | MONTHLY<br>MEAN<br>MOYENNE<br>MENSUELLE | FREQUENCY DISTRIBUTIONS - |    |    |     | CENTILES - DISTRIBUTIONS DES FREQUENCES |    |    |     | MEANS ----- MOYENNES |    |    |     |
|---------|---------------------------------------------|--------------------------------------------------------------|-----------------------------------------|---------------------------|----|----|-----|-----------------------------------------|----|----|-----|----------------------|----|----|-----|
|         |                                             |                                                              |                                         | INTERVALS - INTERVALLES   |    |    |     | MEANS ----- MOYENNES                    |    |    |     | MEANS ----- MOYENNES |    |    |     |
|         |                                             |                                                              |                                         | 1-HOUR / HEURE            |    |    |     | 8-HOUR / HEURES                         |    |    |     | 24-HOUR / HEURES     |    |    |     |
|         |                                             |                                                              |                                         | 70                        | 95 | 99 | MAX | 70                                      | 95 | 99 | MAX | 70                   | 95 | 99 | MAX |
| 80110C  | REGINA, SASK.<br>2505 11TH. AVENUE          | 734                                                          | 0.8                                     | 1                         | 2  | 3  | 8   | 1                                       | 2  | 3  | 3   | 1                    | 2  | 2  | 2   |
| 80209C  | SASKATOON, SASK.<br>IDYLWYLD DR. & 33RD ST. | 736                                                          | ***                                     | 0                         | 1  | 1  | 4   | 0                                       | 1  | 1  | 1   | 0                    | 1  | 1  | 1   |
| 90121I  | EDMONTON, ALTA.<br>17 STREET & 105 AVENUE   | 744                                                          | 0.6                                     | 1                         | 1  | 2  | 2   | 1                                       | 1  | 1  | 1   | 1                    | 1  | 1  | 1   |
| 90122R  | 127 ST. & 133 AVENUE                        | 726                                                          | 0.9                                     | 1                         | 2  | 3  | 5   | 1                                       | 2  | 2  | 2   | 1                    | 1  | 1  | 2   |
| 90130C  | 10255 - 104TH STREET                        | 743                                                          | 1.2                                     | 1                         | 2  | 3  | 4   | 1                                       | 2  | 3  | 3   | 1                    | 2  | 2  | 2   |
| 90222R  | CALGARY, ALTA.<br>39 ST. & 29 AVE. N.W.     | 742                                                          | ***                                     | 0                         | 1  | 1  | 2   | 0                                       | 1  | 1  | 1   | 1                    | 1  | 1  | 1   |
| 90227C  | 611-4TH STREET S.W.                         | 740                                                          | 1.2                                     | 1                         | 3  | 4  | 5   | 1                                       | 2  | 3  | 3   | 1                    | 2  | 2  | 2   |
| 00108I  | VANCOUVER, B.C.<br>250 WEST 70TH AVENUE     | 726                                                          | 0.7                                     | 1                         | 2  | 3  | 3   | 1                                       | 2  | 2  | 2   | 1                    | 1  | 1  | 2   |
| 00110R  | E. HASTINGS & KENSINGTON                    | 678                                                          | 0.7                                     | 1                         | 1  | 2  | 2   | 1                                       | 1  | 1  | 2   | 1                    | 1  | 1  | 1   |
| 00111I  | ROCKY PT. PARK                              | 729                                                          | 0.9                                     | 1                         | 2  | 3  | 4   | 1                                       | 2  | 3  | 3   | 1                    | 2  | 2  | 2   |
| 00112C  | ROBSON/HORNBY                               | 724                                                          | 1.5                                     | 2                         | 3  | 4  | 9   | 2                                       | 3  | 3  | 4   | 2                    | 2  | 3  | 3   |
| 00118R  | 2550 WEST 10TH AVENUE                       | 691                                                          | 0.8                                     | 1                         | 2  | 3  | 5   | 1                                       | 2  | 2  | 3   | 1                    | 1  | 1  | 2   |
| 09001C  | WHITEHORSE, YUKON<br>FEDERAL BUILDING       | 0                                                            | ---                                     | -                         | -  | -  | -   | -                                       | -  | -  | -   | -                    | -  | -  | -   |

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

NITROGEN DIOXIDE  
PARTS PER HUNDRED MILLIONJULY - JUILLET  
1988DIOXYDE D'AZOTE  
PARTIES PAR CENT MILLIONS

| STATION | LOCATION<br>EMPLACEMENT  | NUMBER OF<br>HOURLY SAMPLES<br>NOMBRE DE<br>DONNEES HORAIRES | MONTHLY<br>MEAN<br>MOYENNE<br>MENSUELLE | FREQUENCY DISTRIBUTIONS - CENTILES - DISTRIBUTIONS DES FREQUENCES |    |                |     | MEANS ---- MOYENNES |    |    |     |
|---------|--------------------------|--------------------------------------------------------------|-----------------------------------------|-------------------------------------------------------------------|----|----------------|-----|---------------------|----|----|-----|
|         |                          |                                                              |                                         | INTERVALS - INTERVALLES                                           |    | 1-HOUR / HEURE |     | 24-HOUR / HEURES    |    |    |     |
|         |                          |                                                              |                                         | 70                                                                | 95 | 99             | MAX | 70                  | 95 | 99 | MAX |
| 30115I  | HALIFAX, N.S.            |                                                              |                                         |                                                                   |    |                |     |                     |    |    |     |
| 30117C  | CFB SHEARWATER           | 744                                                          | ***                                     | 1                                                                 | 1  | 2              | 4   | 1                   | 1  | 1  | 2   |
|         | BEDFORD ROW POST OFFICE  | 726                                                          | 2.3                                     | 3                                                                 | 5  | 6              | 7   | 3                   | 4  | 4  | 4   |
| 40202C  | SAINT JOHN, N.B.         |                                                              |                                         |                                                                   |    |                |     |                     |    |    |     |
| 40203R  | POST OFFICE              | 0                                                            | ---                                     | -                                                                 | -  | -              | -   | -                   | -  | -  | -   |
|         | FOREST HILLS             | 0                                                            | ---                                     | -                                                                 | -  | -              | -   | -                   | -  | -  | -   |
| 50102R  | MONTREAL, QUEBEC         |                                                              |                                         |                                                                   |    |                |     |                     |    |    |     |
| 50104C  | JARDIN BOTANIQUE         | 740                                                          | 1.6                                     | 2                                                                 | 3  | 5              | 5   | 2                   | 3  | 3  | 3   |
| 50109C  | 1125 ONTARIO EST         | 744                                                          | 2.1                                     | 2                                                                 | 4  | 5              | 6   | 2                   | 4  | 4  | 4   |
| 50110C  | DUNCAN & DECARIE         | 738                                                          | 4.5                                     | 5                                                                 | 9  | 11             | 13  | 5                   | 9  | 10 | 10  |
| 50112C  | PARC PILON, MTL.-NORD    | 240                                                          | ---                                     | 2                                                                 | 4  | 5              | 5   | 2                   | 3  | 3  | 3   |
| 50113R  | BOUL. LAURENTIDES        | 305                                                          | ---                                     | 2                                                                 | 4  | 4              | 5   | 2                   | 2  | 2  | 2   |
| 50115C  | PIE X & CARDINAL         | 428                                                          | 1.7                                     | 2                                                                 | 4  | 5              | 8   | 2                   | 3  | 3  | 3   |
| 50116R  | 1001 BOUL MAISONNEUVE O. | 441                                                          | 4.3                                     | 5                                                                 | 7  | 8              | 9   | 5                   | 5  | 6  | 6   |
| 50119R  | 3161 JOSEPH, VERDUN      | 725                                                          | ***                                     | 0                                                                 | 1  | 1              | 2   | 0                   | 1  | 1  | 1   |
| 50120R  | 699 CURE POIRIER         | 676                                                          | 1.6                                     | 2                                                                 | 3  | 3              | 6   | 2                   | 3  | 3  | 3   |
|         | 4TH. AVE. SOUTH, ROXBORO | 738                                                          | 1.4                                     | 2                                                                 | 4  | 5              | 6   | 2                   | 3  | 3  | 3   |
| 50203R  | HULL, QUEBEC             |                                                              |                                         |                                                                   |    |                |     |                     |    |    |     |
|         | GAMBLIN & JOFFRE         | 741                                                          | 1.3                                     | 2                                                                 | 3  | 4              | 6   | 2                   | 2  | 2  | 3   |
| 50307C  | QUEBEC, QUEBEC           |                                                              |                                         |                                                                   |    |                |     |                     |    |    |     |
|         | PARC CARTIER BREBOEUF    | 718                                                          | 1.2                                     | 2                                                                 | 3  | 4              | 6   | 1                   | 2  | 3  | 3   |
| 60101C  | OTTAWA, ONT.             |                                                              |                                         |                                                                   |    |                |     |                     |    |    |     |
| 60104C  | 88 SLATER ST.            | 608                                                          | 3.2                                     | 4                                                                 | 6  | 7              | 8   | 4                   | 5  | 6  | 6   |
|         | RIDEAU & WURTEMBERG      | 742                                                          | 1.4                                     | 2                                                                 | 3  | 5              | 6   | 2                   | 2  | 3  | 3   |
| 60204C  | WINDSOR, ONT.            |                                                              |                                         |                                                                   |    |                |     |                     |    |    |     |
|         | 471 UNIVERSITY AVENUE    | 731                                                          | 3.4                                     | 4                                                                 | 8  | 12             | 14  | 4                   | 5  | 9  | 11  |
| 60402R  | TORONTO, ONT.            |                                                              |                                         |                                                                   |    |                |     |                     |    |    |     |
| 60403I  | DON MILLS, SCIENCE CNTR  | 726                                                          | 3.1                                     | 3                                                                 | 6  | 10             | 14  | 3                   | 6  | 6  | 7   |
| 60410R  | EVANS & ARNOLD           | 744                                                          | 4.3                                     | 5                                                                 | 10 | 15             | 24  | 5                   | 8  | 9  | 9   |
| 60413R  | LAWRENCE & KENNEDY       | 742                                                          | 3.3                                     | 4                                                                 | 7  | 9              | 10  | 4                   | 6  | 6  | 6   |
| 60415R  | ELMCREST ROAD            | 596                                                          | 2.9                                     | 3                                                                 | 6  | 10             | 12  | 3                   | 6  | 7  | 7   |
| 60417C  | QUEENSWAY W & HURONTARIO | 734                                                          | 2.2                                     | 3                                                                 | 5  | 7              | 8   | 3                   | 4  | 4  | 4   |
|         | 26 BREADALBANE STREET    | 698                                                          | 3.6                                     | 4                                                                 | 7  | 10             | 21  | 4                   | 6  | 7  | 8   |
| 60511R  | HAMILTON, ONT.           |                                                              |                                         |                                                                   |    |                |     |                     |    |    |     |
| 60512C  | 467 BEACH BLVD.          | 726                                                          | 3.2                                     | 4                                                                 | 7  | 9              | 11  | 4                   | 6  | 7  | 7   |
|         | BEASLEY PARK             | 724                                                          | 2.9                                     | 3                                                                 | 7  | 10             | 13  | 3                   | 6  | 8  | 9   |
| 60607R  | SUDSBURY, ONT.           |                                                              |                                         |                                                                   |    |                |     |                     |    |    |     |
|         | SCIENCE CENTRE NORTH     | 741                                                          | ***                                     | 1                                                                 | 2  | 4              | 17  | 1                   | 2  | 4  | 4   |
| 60707I  | SAULT STE. MARIE, ONT.   |                                                              |                                         |                                                                   |    |                |     |                     |    |    |     |
|         | WM. MERRIFIELD SCHOOL    | 738                                                          | 1.3                                     | 2                                                                 | 3  | 5              | 6   | 2                   | 3  | 3  | 4   |
| 60807R  | THUNDER BAY, ONT.        |                                                              |                                         |                                                                   |    |                |     |                     |    |    |     |
|         | 615 JAMES STREET SOUTH   | 0                                                            | ---                                     | -                                                                 | -  | -              | -   | -                   | -  | -  | -   |
| 60901C  | LONDON, ONT.             |                                                              |                                         |                                                                   |    |                |     |                     |    |    |     |
|         | KING & RECTORY           | 599                                                          | 1.5                                     | 2                                                                 | 5  | 7              | 8   | 2                   | 5  | 6  | 6   |
| 61004R  | SARNIA, ONT.             |                                                              |                                         |                                                                   |    |                |     |                     |    |    |     |
|         | FRONT ST. AT C.N. TRACKS | 0                                                            | ---                                     | -                                                                 | -  | -              | -   | -                   | -  | -  | -   |
| 61201R  | CORNWALL, ONT.           |                                                              |                                         |                                                                   |    |                |     |                     |    |    |     |
|         | MEMORIAL PARK            | 741                                                          | ***                                     | 1                                                                 | 2  | 2              | 4   | 1                   | 1  | 1  | 2   |
| 61302C  | ST. CATHARINES, ONT.     |                                                              |                                         |                                                                   |    |                |     |                     |    |    |     |
|         | ARGYLE CRESCENT          | 726                                                          | 1.9                                     | 2                                                                 | 5  | 6              | 8   | 2                   | 3  | 4  | 4   |
| 61501C  | KITCHENER, ONT.          |                                                              |                                         |                                                                   |    |                |     |                     |    |    |     |
|         | EDNA & FREDERICK         | 725                                                          | 3.3                                     | 4                                                                 | 7  | 9              | 14  | 4                   | 6  | 8  | 8   |
| 61602R  | OAKVILLE, ONT.           |                                                              |                                         |                                                                   |    |                |     |                     |    |    |     |
|         | BRONTE AND WOBURN CRES.  | 733                                                          | 2.2                                     | 3                                                                 | 5  | 7              | 9   | 3                   | 4  | 4  | 5   |
| 61701R  | OSHAWA, ONT.             |                                                              |                                         |                                                                   |    |                |     |                     |    |    |     |
|         | RITSON RD. & OLIVE AVE.  | 733                                                          | 2.8                                     | 3                                                                 | 6  | 9              | 14  | 3                   | 6  | 7  | 7   |
| 70118R  | WINNIPEG, MAN.           |                                                              |                                         |                                                                   |    |                |     |                     |    |    |     |
| 70119C  | JEFFERSON & SCOTIA       | 707                                                          | ***                                     | 1                                                                 | 3  | 4              | 4   | 1                   | 2  | 2  | 2   |
|         | 65 ELLEN STREET          | 691                                                          | 1.4                                     | 2                                                                 | 3  | 4              | 4   | 2                   | 2  | 2  | 3   |
| 80110C  | REGINA, SASK.            |                                                              |                                         |                                                                   |    |                |     |                     |    |    |     |
|         | 2505 11TH. AVENUE        | 0                                                            | ---                                     | -                                                                 | -  | -              | -   | -                   | -  | -  | -   |

\*\*\* 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

JULY - JUILLET  
1988

DIOXYDE D'AZOTE  
PARTIES PAR CENT MILLIONS

| STATION | LOCATION<br>EMPLACEMENT                     | NUMBER OF<br>HOURLY SAMPLES<br>NOMBRE DE<br>DONNEES HORAIRES | MONTHLY<br>MEAN<br>MOYENNE<br>MENSUELLE | FREQUENCY DISTRIBUTIONS - CENTILES - |    |                     |     | DISTRIBUTIONS DES FREQUENCES |    |              |     |
|---------|---------------------------------------------|--------------------------------------------------------------|-----------------------------------------|--------------------------------------|----|---------------------|-----|------------------------------|----|--------------|-----|
|         |                                             |                                                              |                                         | INTERVALS - INTERVALLES              |    | MEANS ---- MOYENNES |     | 24-HOUR / HEURES             |    | 70 95 99 MAX |     |
|         |                                             |                                                              |                                         | 70                                   | 95 | 99                  | MAX | 70                           | 95 | 99           | MAX |
| 80209C  | SASKATOON, SASK.<br>IDYLWYLD DR. & 33RD ST. | 736                                                          | 1.1                                     | 1                                    | 2  | 3                   | 4   | 1                            | 2  | 2            | 2   |
| 90122R  | EDMONTON, ALTA.<br>127 ST. & 133 AVENUE     | 719                                                          | 1.2                                     | 1                                    | 3  | 5                   | 6   | 1                            | 2  | 3            | 3   |
| 90130C  | 10255 - 104TH STREET                        | 741                                                          | 2.1                                     | 3                                    | 4  | 5                   | 6   | 2                            | 3  | 3            | 3   |
| 90222R  | CALGARY, ALTA.<br>39 ST. & 29 AVE. N.W.     | 741                                                          | 1.3                                     | 2                                    | 3  | 4                   | 5   | 2                            | 2  | 2            | 2   |
| 90227C  | 611-4TH STREET S.W.                         | 731                                                          | 3.0                                     | 3                                    | 5  | 7                   | 13  | 3                            | 4  | 4            | 4   |
| 00108I  | VANCOUVER, B.C.<br>250 WEST 70TH AVENUE     | 0                                                            | ---                                     | -                                    | -  | -                   | -   | -                            | -  | -            | -   |
| 00110R  | E. HASTINGS & KENSINGTON                    | 559                                                          | 2.4                                     | 3                                    | 5  | 7                   | 10  | 3                            | 4  | 5            | 6   |
| 00111I  | ROCKY PT. PARK                              | 724                                                          | 2.5                                     | 3                                    | 6  | 8                   | 11  | 3                            | 5  | 5            | 6   |
| 00112C  | ROBSON/HORNBY                               | 727                                                          | 2.9                                     | 3                                    | 5  | 6                   | 7   | 3                            | 4  | 5            | 5   |
| 00118R  | 2550 WEST 10TH AVENUE                       | 701                                                          | 2.0                                     | 3                                    | 4  | 5                   | 6   | 2                            | 3  | 3            | 3   |
| 09001C  | WHITEHORSE, YUKON<br>FEDERAL BUILDING       | 0                                                            | ---                                     | -                                    | -  | -                   | -   | -                            | -  | -            | -   |

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

OZONE  
PARTS PER HUNDRED MILLIONJULY - JUILLET  
1988OZONE  
PARTIES PAR CENT MILLIONS

| STATION | LOCATION<br>EMPLACEMENT    | NUMBER OF<br>HOURLY SAMPLES<br>NOMBRE DE<br>DONNEES HORAIRES | MONTHLY<br>MEAN<br>MOYENNE<br>MENSUELLE | FREQUENCY DISTRIBUTIONS - CENTILES - DISTRIBUTIONS DES FREQUENCES |    |    |     | MEANS - MOYENNES |    |    |     |
|---------|----------------------------|--------------------------------------------------------------|-----------------------------------------|-------------------------------------------------------------------|----|----|-----|------------------|----|----|-----|
|         |                            |                                                              |                                         | INTERVALS - INTERVALLES                                           |    |    |     | 24-HOUR / HEURES |    |    |     |
|         |                            |                                                              |                                         | 1-HOUR / HEURE                                                    |    |    |     |                  |    |    |     |
|         |                            |                                                              |                                         | 70                                                                | 95 | 99 | MAX | 70               | 95 | 99 | MAX |
| 30115I  | HALIFAX, N.S.              | 0                                                            | ---                                     | -                                                                 | -  | -  | -   | -                | -  | -  | -   |
| 30117C  | CFB SHEARWATER             | 592                                                          | 2.2                                     | 3                                                                 | 5  | 7  | 8   | 3                | 4  | 6  | 6   |
| 30501R  | KEJIMIKUJIK, N.S.          | 0                                                            | ---                                     | -                                                                 | -  | -  | -   | -                | -  | -  | -   |
| 30601R  | NATIONAL PARK              | 0                                                            | ---                                     | -                                                                 | -  | -  | -   | -                | -  | -  | -   |
| 30601R  | FALL RIVER, N.S.           | 700                                                          | 3.2                                     | 4                                                                 | 6  | 7  | 9   | 4                | 5  | 6  | 6   |
| 40202C  | 123 OAKES ROAD             | 0                                                            | ---                                     | -                                                                 | -  | -  | -   | -                | -  | -  | -   |
| 40203R  | SAINT JOHN, N.B.           | 0                                                            | ---                                     | -                                                                 | -  | -  | -   | -                | -  | -  | -   |
| 40203R  | POST OFFICE                | 0                                                            | ---                                     | -                                                                 | -  | -  | -   | -                | -  | -  | -   |
| 40203R  | FOREST HILLS               | 0                                                            | ---                                     | -                                                                 | -  | -  | -   | -                | -  | -  | -   |
| 50102R  | MONTREAL, QUEBEC           | 262                                                          | ---                                     | 3                                                                 | 6  | 7  | 8   | 3                | 5  | 5  | 5   |
| 50103R  | JARDIN BOTANIQUE           | 736                                                          | 2.6                                     | 3                                                                 | 7  | 8  | 9   | 3                | 5  | 6  | 6   |
| 50104C  | POINTE-AUX-TREMBLES        | 744                                                          | 2.9                                     | 4                                                                 | 7  | 8  | 9   | 3                | 6  | 6  | 6   |
| 50109C  | 1125 ONTARIO EST           | 738                                                          | 1.6                                     | 2                                                                 | 5  | 7  | 8   | 2                | 4  | 4  | 4   |
| 50110C  | DUNCAN & DECARIE           | 704                                                          | 3.2                                     | 4                                                                 | 9  | 11 | 11  | 4                | 7  | 8  | 8   |
| 50112C  | PARC PILON, MTL.-NORD      | 72                                                           | ---                                     | 3                                                                 | 4  | 5  | 5   | 2                | 3  | 3  | 3   |
| 50113R  | BOUL. LAURENTIDES          | 713                                                          | 2.9                                     | 4                                                                 | 7  | 8  | 10  | 3                | 6  | 7  | 7   |
| 50115C  | PIE X & CARDINAL           | 661                                                          | 1.7                                     | 2                                                                 | 6  | 7  | 7   | 2                | 4  | 5  | 5   |
| 50116R  | 1001 BOUL MAISONNEUVE O.   | 725                                                          | 3.1                                     | 4                                                                 | 8  | 9  | 10  | 4                | 7  | 7  | 7   |
| 50119R  | 3161 JOSEPH, VERDUN        | 701                                                          | 5.2                                     | 7                                                                 | 14 | 17 | 18  | 6                | 12 | 13 | 13  |
| 50120R  | 699 CURE POIRIER           | 167                                                          | ---                                     | 3                                                                 | 7  | 8  | 8   | 3                | 4  | 5  | 5   |
| 50120R  | 4TH. AVE. SOUTH, ROXBORO   | 167                                                          | ---                                     | 3                                                                 | 7  | 8  | 8   | 3                | 4  | 5  | 5   |
| 50306R  | QUEBEC, QUEBEC             | 580                                                          | 1.0                                     | 1                                                                 | 4  | 5  | 6   | 2                | 3  | 3  | 3   |
| 50307C  | 2026 BLVD. ST-CYRILLE      | 619                                                          | 1.2                                     | 2                                                                 | 4  | 5  | 7   | 1                | 2  | 3  | 3   |
| 50307C  | PARC CARTIER BREBOEUF      | 619                                                          | 1.2                                     | 2                                                                 | 4  | 5  | 7   | 1                | 2  | 3  | 3   |
| 51401R  | ST. ETIENNE, QUEBEC        | 0                                                            | ---                                     | -                                                                 | -  | -  | -   | -                | -  | -  | -   |
| 51401R  | 135 DUPUIS                 | 0                                                            | ---                                     | -                                                                 | -  | -  | -   | -                | -  | -  | -   |
| 60101C  | OTTAWA, ONT.               | 732                                                          | 1.5                                     | 2                                                                 | 3  | 4  | 5   | 2                | 3  | 3  | 3   |
| 60104C  | 88 SLATER ST.              | 742                                                          | 3.1                                     | 4                                                                 | 7  | 8  | 9   | 3                | 6  | 6  | 7   |
| 60104C  | RIDEAU & WURTEMBERG        | 742                                                          | 3.1                                     | 4                                                                 | 7  | 8  | 9   | 3                | 6  | 6  | 7   |
| 60204C  | WINDSOR, ONT.              | 729                                                          | 4.3                                     | 6                                                                 | 10 | 13 | 16  | 5                | 8  | 8  | 9   |
| 60204C  | 471 UNIVERSITY AVENUE      | 729                                                          | 4.3                                     | 6                                                                 | 10 | 13 | 16  | 5                | 8  | 8  | 9   |
| 60402R  | TORONTO, ONT.              | 732                                                          | 1.4                                     | 2                                                                 | 5  | 6  | 8   | 1                | 3  | 3  | 4   |
| 60403I  | DON MILLS, SCIENCE CNTR    | 725                                                          | 2.4                                     | 3                                                                 | 7  | 10 | 16  | 3                | 4  | 5  | 6   |
| 60410R  | EVANS & ARNOLD             | 743                                                          | 3.2                                     | 4                                                                 | 9  | 11 | 16  | 4                | 5  | 6  | 6   |
| 60413R  | LAWRENCE & KENNEDY         | 717                                                          | 3.1                                     | 4                                                                 | 9  | 12 | 15  | 4                | 6  | 7  | 7   |
| 60415R  | ELMCREST ROAD              | 733                                                          | 3.2                                     | 4                                                                 | 9  | 12 | 18  | 4                | 6  | 7  | 8   |
| 60417C  | QUEENSWAY W & HURONTARIO   | 696                                                          | 3.0                                     | 4                                                                 | 8  | 11 | 16  | 3                | 5  | 6  | 6   |
| 60417C  | 26 BREADALBANE STREET      | 696                                                          | 3.0                                     | 4                                                                 | 8  | 11 | 16  | 3                | 5  | 6  | 6   |
| 60512C  | HAMILTON, ONT.             | 724                                                          | 3.6                                     | 5                                                                 | 9  | 11 | 14  | 4                | 7  | 8  | 9   |
| 60512C  | BEASLEY PARK               | 724                                                          | 3.6                                     | 5                                                                 | 9  | 11 | 14  | 4                | 7  | 8  | 9   |
| 60602R  | SUDBURY, ONT.              | 0                                                            | ---                                     | -                                                                 | -  | -  | -   | -                | -  | -  | -   |
| 60607R  | ASH STREET                 | 741                                                          | 3.5                                     | 4                                                                 | 9  | 10 | 11  | 4                | 8  | 9  | 9   |
| 60607R  | SCIENCE CENTRE NORTH       | 741                                                          | 3.5                                     | 4                                                                 | 9  | 10 | 11  | 4                | 8  | 9  | 9   |
| 60707I  | SAULT STE. MARIE, ONT.     | 587                                                          | 2.8                                     | 3                                                                 | 7  | 8  | 9   | 3                | 6  | 6  | 6   |
| 60707I  | WM. MERRIFIELD SCHOOL      | 587                                                          | 2.8                                     | 3                                                                 | 7  | 8  | 9   | 3                | 6  | 6  | 6   |
| 60807R  | THUNDER BAY, ONT.          | 742                                                          | 2.4                                     | 3                                                                 | 6  | 7  | 8   | 3                | 6  | 6  | 6   |
| 60807R  | 615 JAMES STREET SOUTH     | 742                                                          | 2.4                                     | 3                                                                 | 6  | 7  | 8   | 3                | 6  | 6  | 6   |
| 60901C  | LONDON, ONT.               | 623                                                          | 4.2                                     | 6                                                                 | 10 | 12 | 14  | 5                | 7  | 8  | 8   |
| 60901C  | KING & RECTORY             | 623                                                          | 4.2                                     | 6                                                                 | 10 | 12 | 14  | 5                | 7  | 8  | 8   |
| 61004R  | SARNIA, ONT.               | 737                                                          | 3.6                                     | 4                                                                 | 8  | 11 | 11  | 4                | 6  | 6  | 7   |
| 61004R  | - FRONT ST. AT C.N. TRACKS | 737                                                          | 3.6                                     | 4                                                                 | 8  | 11 | 11  | 4                | 6  | 6  | 7   |
| 61201R  | CORNWALL, ONT.             | 740                                                          | 3.3                                     | 4                                                                 | 7  | 8  | 9   | 4                | 6  | 7  | 7   |
| 61201R  | MEMORIAL PARK              | 740                                                          | 3.3                                     | 4                                                                 | 7  | 8  | 9   | 4                | 6  | 7  | 7   |
| 61302C  | ST. CATHARINES, ONT.       | 724                                                          | 3.6                                     | 5                                                                 | 8  | 11 | 12  | 4                | 6  | 7  | 8   |
| 61302C  | ARGYLE CRESCENT            | 724                                                          | 3.6                                     | 5                                                                 | 8  | 11 | 12  | 4                | 6  | 7  | 8   |
| 61501C  | KITCHENER, ONT.            | 694                                                          | 3.4                                     | 4                                                                 | 9  | 11 | 11  | 4                | 6  | 8  | 8   |
| 61501C  | EDNA & FREDERICK           | 694                                                          | 3.4                                     | 4                                                                 | 9  | 11 | 11  | 4                | 6  | 8  | 8   |
| 61602R  | OAKVILLE, ONT.             | 733                                                          | 3.5                                     | 5                                                                 | 9  | 13 | 18  | 4                | 6  | 8  | 8   |
| 61602R  | BRONTE AND WOBURN CRES.    | 733                                                          | 3.5                                     | 5                                                                 | 9  | 13 | 18  | 4                | 6  | 8  | 8   |
| 61701R  | OSHAWA, ONT.               | 581                                                          | 3.4                                     | 4                                                                 | 10 | 13 | 19  | 4                | 7  | 9  | 9   |
| 61701R  | RITSON RD. & OLIVE AVE.    | 581                                                          | 3.4                                     | 4                                                                 | 10 | 13 | 19  | 4                | 7  | 9  | 9   |

--- 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 MILLION

JULY - JUILLET  
1988

OZONE  
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 |
| 61802R  | GUELPH, ONT.<br>EXHIBITION PARK             | 722                                                          | 3.6                                     | 5                                    | 9  | 11 | 12  | 5                            | 6  | 7  | 7   |
| 70118R  | WINNIPEG, MAN.<br>JEFFERSON & SCOTIA        | 705                                                          | 3.1                                     | 4                                    | 6  | 6  | 8   | 4                            | 5  | 5  | 5   |
| 70119C  | 65 ELLEN STREET                             | 687                                                          | 2.7                                     | 4                                    | 6  | 6  | 7   | 3                            | 4  | 5  | 5   |
| 80110C  | REGINA, SASK.<br>2505 11TH. AVENUE          | 734                                                          | 2.5                                     | 3                                    | 5  | 6  | 6   | 3                            | 4  | 4  | 4   |
| 80209C  | SASKATOON, SASK.<br>IDYLWYLD DR. & 33RD ST. | 340                                                          | ---                                     | 3                                    | 4  | 4  | 5   | 3                            | 3  | 3  | 3   |
| 90122R  | EDMONTON, ALTA.<br>127 ST. & 133 AVENUE     | 700                                                          | 1.7                                     | 2                                    | 4  | 5  | 7   | 2                            | 3  | 3  | 3   |
| 90130C  | 10255 - 104TH STREET                        | 742                                                          | 1.9                                     | 3                                    | 4  | 4  | 6   | 2                            | 3  | 3  | 3   |
| 90222R  | CALGARY, ALTA.<br>39 ST. & 29 AVE. N.W.     | 742                                                          | 2.8                                     | 4                                    | 5  | 6  | 6   | 3                            | 4  | 4  | 4   |
| 90227C  | 611-4TH STREET S.W.                         | 742                                                          | 2.3                                     | 3                                    | 4  | 5  | 7   | 3                            | 3  | 3  | 4   |
| 00108I  | VANCOUVER, B.C.<br>250 WEST 70TH AVENUE     | 54                                                           | ---                                     | 3                                    | 3  | 4  | 4   | 2                            | 2  | 2  | 2   |
| 00110R  | E. HASTINGS & KENSINGTON                    | 736                                                          | 1.6                                     | 2                                    | 4  | 6  | 8   | 2                            | 3  | 3  | 3   |
| 00111I  | ROCKY PT. PARK                              | 731                                                          | 1.9                                     | 3                                    | 6  | 9  | 12  | 2                            | 4  | 4  | 4   |
| 00112C  | ROBSON/HORNBY                               | 740                                                          | 0.6                                     | 1                                    | 2  | 3  | 5   | 1                            | 1  | 1  | 1   |
| 00118R  | 2550 WEST 10TH AVENUE                       | 693                                                          | 1.5                                     | 2                                    | 4  | 6  | 8   | 2                            | 3  | 3  | 3   |
| 00303C  | VICTORIA, B.C.<br>1250 QUADRA ST.           | 699                                                          | 1.8                                     | 2                                    | 3  | 4  | 6   | 2                            | 3  | 3  | 3   |
| 00701C  | KELOWNA, B.C.<br>100 KLO RD.                | 710                                                          | 3.0                                     | 4                                    | 5  | 6  | 7   | 3                            | 4  | 5  | 5   |

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

SOILING INDEX  
COH UNITS PER 1000 LINEAR FT.

JULY - JUILLET  
1988

INDICE DE SOUILLURE  
UNITES COH PAR 1000 PIEDS LINEAIRES

| STATION | LOCATION<br>EMPLACEMENT                         | NUMBER OF<br>SAMPLES<br>NOMBRE DE<br>DONNEES | MONTHLY<br>MEAN<br>MOYENNE<br>MENSUELLE | FREQUENCY DISTRIBUTIONS |     |                 |     | DISTRIBUTIONS DES FREQUENCES |     |                  |     |
|---------|-------------------------------------------------|----------------------------------------------|-----------------------------------------|-------------------------|-----|-----------------|-----|------------------------------|-----|------------------|-----|
|         |                                                 |                                              |                                         | INTERVALS - INTERVALLES |     | 2-HOUR / HEURES |     | MEANS - MOYENNES             |     | 24-HOUR / HEURES |     |
|         |                                                 |                                              |                                         | 70                      | 95  | 99              | MAX | 70                           | 95  | 99               | MAX |
| 50109C  | MONTREAL, QUEBEC<br>DUNCAN & DECARIE            | 263                                          | 0.72                                    | 0.9                     | 2.0 | 4.6             | 5.0 | 1.0                          | 1.7 | 1.9              | 2.1 |
| 50110C  | PARC PILON, MTL.-NORD                           | 330                                          | ****                                    | 0.1                     | 0.3 | 0.6             | 0.8 | 0.1                          | 0.3 | 0.3              | 0.4 |
| 50115C  | 1001 BOUL MAISONNEUVE O.                        | 275                                          | 0.44                                    | 0.5                     | 1.1 | 1.7             | 2.3 | 0.5                          | 0.9 | 1.1              | 1.1 |
| 50116R  | 3161 JOSEPH, VERDUN                             | 314                                          | 0.10                                    | 0.1                     | 0.4 | 0.8             | 1.0 | 0.1                          | 0.3 | 0.5              | 0.6 |
| 50120R  | 4TH. AVE. SOUTH, ROXBORO                        | 359                                          | ****                                    | 0.0                     | 0.2 | 0.3             | 2.1 | 0.0                          | 0.2 | 0.2              | 0.2 |
| 50203R  | HULL, QUEBEC<br>GAMBLIN & JOFFRE                | 372                                          | 0.14                                    | 0.2                     | 0.4 | 0.6             | 0.7 | 0.2                          | 0.2 | 0.3              | 0.3 |
| 60101C  | OTTAWA, ONT.<br>88 SLATER ST.                   | 372                                          | 0.64                                    | 0.8                     | 1.9 | 2.6             | 3.0 | 0.8                          | 1.1 | 1.1              | 1.2 |
| 60104C  | RIDEAU & WURTEMBERG                             | 743                                          | (1) 0.29                                | 0.3                     | 0.7 | 0.9             | 1.1 | 0.3                          | 0.5 | 0.6              | 0.6 |
| 60204C  | WINDSOR, ONT.<br>471 UNIVERSITY AVENUE          | 734                                          | (1) 0.52                                | 0.6                     | 1.3 | 1.9             | 2.5 | 0.6                          | 1.1 | 1.2              | 1.2 |
| 60211R  | COLLEGE & PRINCE                                | 736                                          | (1) 0.49                                | 0.6                     | 1.1 | 1.8             | 3.0 | 0.5                          | 0.9 | 1.0              | 1.1 |
| 60403I  | TORONTO, ONT.<br>EVANS & ARNOLD                 | 679                                          | (1) 0.55                                | 0.7                     | 1.4 | 1.9             | 2.5 | 0.7                          | 1.1 | 1.3              | 1.3 |
| 60410R  | LAWRENCE & KENNEDY                              | 708                                          | (1) 0.38                                | 0.5                     | 1.0 | 1.5             | 1.6 | 0.6                          | 0.7 | 0.8              | 0.8 |
| 60417C  | 26 BREADALBANE STREET                           | 678                                          | (1) 0.51                                | 0.6                     | 1.3 | 1.6             | 2.7 | 0.7                          | 0.9 | 1.0              | 1.1 |
| 60501C  | HAMILTON, ONT.<br>BARTON & SANFORD              | 731                                          | (1) 0.74                                | 0.9                     | 1.6 | 2.1             | 2.4 | 0.9                          | 1.5 | 1.6              | 1.6 |
| 60511R  | 467 BEACH BLVD.                                 | 733                                          | (1) 0.27                                | 0.3                     | 0.7 | 1.0             | 1.2 | 0.3                          | 0.5 | 0.5              | 0.6 |
| 60512C  | BEASLEY PARK                                    | 357                                          | 0.57                                    | 0.6                     | 1.6 | 2.1             | 2.8 | 0.7                          | 1.2 | 1.4              | 1.5 |
| 60602R  | SUDBURY, ONT.<br>ASH STREET                     | 0                                            | ----                                    | -                       | -   | -               | -   | -                            | -   | -                | -   |
| 60607R  | SCIENCE CENTRE NORTH                            | 372                                          | 0.21                                    | 0.3                     | 0.5 | 0.8             | 1.1 | 0.3                          | 0.5 | 0.6              | 0.7 |
| 60707I  | SAULT STE. MARIE, ONT.<br>WM. MERRIFIELD SCHOOL | 371                                          | 0.29                                    | 0.3                     | 0.9 | 1.5             | 2.0 | 0.4                          | 0.6 | 1.0              | 1.0 |
| 60807R  | THUNDER BAY, ONT.<br>615 JAMES STREET SOUTH     | 738                                          | (1) ****                                | 0.1                     | 0.2 | 0.4             | 0.4 | 0.1                          | 0.2 | 0.2              | 0.2 |
| 60901C  | LONDON, ONT.<br>KING & RECTORY                  | 711                                          | (1) 0.33                                | 0.4                     | 0.9 | 1.2             | 1.3 | 0.4                          | 0.6 | 0.7              | 0.7 |
| 61004R  | SARNIA, ONT.<br>FRONT ST. AT C.N. TRACKS        | 736                                          | (1) 0.17                                | 0.2                     | 0.4 | 0.6             | 0.7 | 0.2                          | 0.4 | 0.4              | 0.4 |
| 61201R  | CORNWALL, ONT.<br>MEMORIAL PARK                 | 742                                          | (1) 0.33                                | 0.4                     | 0.7 | 0.9             | 1.1 | 0.4                          | 0.5 | 0.7              | 0.7 |
| 61302C  | ST. CATHARINES, ONT.<br>ARGYLE CRESCENT         | 363                                          | 0.40                                    | 0.5                     | 1.0 | 1.3             | 1.5 | 0.5                          | 0.8 | 0.9              | 1.0 |
| 61602R  | OAKVILLE, ONT.<br>BRONTE AND WOBURN CRES.       | 736                                          | (1) 0.61                                | 0.7                     | 1.5 | 1.9             | 2.4 | 0.8                          | 1.1 | 1.3              | 1.3 |
| 61701R  | OSHAWA, ONT.<br>RITSON RD. & OLIVE AVE.         | 735                                          | (1) 0.53                                | 0.7                     | 1.2 | 1.7             | 2.3 | 0.7                          | 1.1 | 1.3              | 1.4 |
| 61802R  | GUELPH, ONT.<br>EXHIBITION PARK                 | 724                                          | (1) 0.21                                | 0.2                     | 0.5 | 0.6             | 1.0 | 0.3                          | 0.4 | 0.4              | 0.4 |
| 70118R  | WINNIPEG, MAN.<br>JEFFERSON & SCOTIA            | 471                                          | (1) ****                                | 0.1                     | 0.2 | 0.3             | 0.3 | 0.1                          | 0.1 | 0.1              | 0.1 |
| 70119C  | 65 ELLEN STREET                                 | 475                                          | (1) 0.16                                | 0.2                     | 0.4 | 0.6             | 0.8 | 0.2                          | 0.3 | 0.3              | 0.3 |
| 90122R  | EDMONTON, ALTA.<br>127 ST. & 133 AVENUE         | 739                                          | (1) 0.14                                | 0.2                     | 0.5 | 0.7             | 1.0 | 0.2                          | 0.4 | 0.5              | 0.5 |
| 90130C  | 10255 - 104TH STREET                            | 744                                          | (1) 0.13                                | 0.2                     | 0.3 | 0.6             | 0.6 | 0.2                          | 0.3 | 0.3              | 0.3 |
| 90218I  | CALGARY, ALTA.<br>BONNY BRK & 18A ST. S.E.      | 744                                          | (1) 0.19                                | 0.2                     | 0.5 | 0.8             | 0.9 | 0.2                          | 0.4 | 0.4              | 0.4 |
| 90222R  | 39 ST. & 29 AVE. N.W.                           | 744                                          | (1) ****                                | 0.1                     | 0.2 | 0.2             | 0.3 | 0.0                          | 0.1 | 0.2              | 0.2 |
| 90227C  | 611-4TH STREET S.W.                             | 744                                          | (1) 0.16                                | 0.2                     | 0.4 | 0.6             | 0.7 | 0.2                          | 0.3 | 0.3              | 0.3 |
| 00102R  | VANCOUVER, B.C.<br>100 RICHMOND STREET          | 372                                          | 0.23                                    | 0.3                     | 0.7 | 1.1             | 1.5 | 0.3                          | 0.5 | 0.5              | 0.5 |
| 00108I  | 250 WEST 70TH AVENUE                            | 366                                          | 0.24                                    | 0.3                     | 0.7 | 1.1             | 5.5 | 0.3                          | 0.5 | 0.9              | 0.9 |
| 00110R  | E. HASTINGS & KENSINGTON                        | 356                                          | 0.15                                    | 0.2                     | 0.4 | 0.6             | 0.8 | 0.2                          | 0.3 | 0.3              | 0.3 |
| 00111I  | ROCKY PT. PARK                                  | 372                                          | 0.17                                    | 0.3                     | 0.5 | 0.6             | 0.7 | 0.2                          | 0.3 | 0.3              | 0.3 |
| 00112C  | ROBSON/HORNBY                                   | 0                                            | ----                                    | -                       | -   | -               | -   | -                            | -   | -                | -   |
| 00118R  | 2550 WEST 10TH AVENUE                           | 259                                          | 0.17                                    | 0.2                     | 0.5 | 0.6             | 0.6 | 0.2                          | 0.3 | 0.3              | 0.3 |

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

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

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

SUSPENDED PARTICULATE MATTER AND LEAD  
MICROGRAMS PER CUBIC METREJULY - JUILLET  
1988PLOMB ET PARTICULES EN SUSPENSION  
MICROGRAMMES PAR METRE CUBE

| STATION | LOCATION<br>EMPLACEMENT                       | PARTICULATES / PARTICULES |     |     |     |     |                 | LEAD / PLOMB |     |     |     |     |                 |
|---------|-----------------------------------------------|---------------------------|-----|-----|-----|-----|-----------------|--------------|-----|-----|-----|-----|-----------------|
|         |                                               | DAY / JOUR                |     |     |     |     | MEAN<br>MOYENNE | DAY / JOUR   |     |     |     |     | MEAN<br>MOYENNE |
|         |                                               | 2                         | 8   | 14  | 20  | 26  |                 | 2            | 8   | 14  | 20  | 26  |                 |
| 10101C  | ST. JOHN'S, N.F.L.D.<br>DUCKWORTH & ORDINANCE | 31                        | 25  | 22  | 28  | -   | 27              | 0.0          | 0.1 | 0.0 | 0.1 | -   | 0.0             |
| 20101C  | CHARLOTTETOWN, P.E.I.<br>56 FITZROY ST.       | 22                        | 52  | 22  | 28  | 23  | 29              | 0.0          | 0.0 | 0.0 | 0.0 | 0.0 | 0.0             |
| 30101C  | HALIFAX, N.S.<br>N.S. TECHNICAL COLLEGE       | -                         | 34  | 17  | 39  | 28  | 30              | -            | 0.0 | 0.0 | 0.0 | 0.0 | 0.0             |
| 30102R  | DALHOUSIE UNIVERSITY                          | -                         | 23  | 12  | 26  | 29  | 23              | -            | 0.0 | 0.0 | 0.0 | 0.0 | 0.0             |
| 30115I  | CFB SHEARWATER                                | -                         | 20  | 11  | 21  | 19  | 18              | -            | 0.0 | 0.0 | 0.0 | 0.0 | 0.0             |
| 30310C  | SYDNEY, N.S.<br>COUNTY JAIL                   | 26                        | 64  | 28  | 40  | 22  | 36              | 0.1          | 0.1 | 0.1 | 0.1 | 0.0 | 0.1             |
| 30311R  | WHITNEY PIER FIRE STN.                        | 37                        | 127 | 54  | 67  | 14  | 60              | 0.1          | 0.1 | 0.0 | 0.1 | 0.0 | 0.0             |
| 30409R  | GLACE BAY, N.S.<br>SOUTH STREET               | 19                        | 58  | 34  | 46  | 9   | 33              | 0.0          | 0.0 | 0.0 | 0.0 | 0.0 | 0.0             |
| 40102C  | FREDERICTON, N.B.<br>YORK STREET              | 18                        | 103 | 35  | 30  | 47  | 47              | 0.0          | 0.1 | 0.0 | 0.0 | 0.0 | 0.0             |
| 40201C  | SAINT JOHN, N.B.<br>110 CHARLOTTE STREET      | 19                        | 54  | 35  | 75  | 40  | 45              | 0.0          | 0.0 | 0.0 | 0.1 | 0.1 | 0.0             |
| 40203R  | FOREST HILLS                                  | 41                        | 61  | 44  | 53  | 35  | 47              | 0.0          | 0.0 | 0.0 | 0.0 | 0.0 | 0.0             |
| 50102R  | MONTREAL, QUEBEC<br>JARDIN BOTANIQUE          | 24                        | 49  | 17  | 22  | -   | 28              | 0.0          | 0.0 | 0.0 | 0.0 | -   | 0.0             |
| 50103R  | POINTE-AUX-TREMBLES                           | 36                        | 106 | 56  | 49  | 76  | 65              | 0.1          | 0.1 | 0.2 | 0.1 | 0.1 | 0.1             |
| 50104C  | 1125 ONTARIO EST                              | 44                        | 123 | 55  | 54  | 78  | 71              | 0.1          | 0.0 | 0.1 | 0.1 | 0.0 | 0.1             |
| 50109C  | DUNCAN & DECARIE                              | 38                        | 158 | 83  | 37  | 52  | 74              | 0.1          | 0.1 | 0.1 | 0.1 | 0.1 | 0.1             |
| 50110C  | PARC PILON, MTL.-NORD                         | 45                        | 53  | 41  | 44  | 38  | 44              | 0.1          | 0.0 | 0.0 | 0.1 | 0.0 | 0.1             |
| 50112C  | BOUL. LAURENTIDES                             | 26                        | -   | 40  | 33  | 38  | 34              | 0.0          | -   | 0.0 | 0.0 | 0.0 | 0.0             |
| 50113R  | PIE X & CARDINAL                              | 36                        | -   | 39  | 64  | 52  | 48              | 0.0          | -   | 0.0 | 0.0 | 0.0 | 0.0             |
| 50116R  | 3161 JOSEPH, VERDUN                           | 31                        | 140 | 45  | 71  | 51  | 68              | 0.1          | 0.0 | 0.1 | 0.1 | 0.1 | 0.1             |
| 50119R  | 699 CURE POIRIER                              | -                         | -   | -   | 30  | 38  | -               | -            | -   | -   | 0.0 | 0.0 | -               |
| 50120R  | 4TH. AVE. SOUTH, ROXBORO                      | 25                        | 87  | 40  | -   | 28  | 45              | 0.1          | 0.0 | 0.1 | -   | 0.1 | 0.0             |
| 50203R  | HULL, QUEBEC<br>GAMBLIN & JOFFRE              | 15                        | 73  | 26  | 34  | 35  | 37              | 0.0          | 0.0 | 0.0 | 0.0 | 0.1 | 0.0             |
| 50303I  | QUEBEC, QUEBEC<br>CENTRE LOISIRS LIMOILLOU    | 30                        | 125 | 36  | 43  | 70  | 61              | 0.0          | 0.1 | 0.0 | 0.1 | 0.0 | 0.0             |
| 50306R  | 2026 BLVD. ST-CYRILLE                         | 19                        | 76  | 31  | 72  | 54  | 50              | 0.0          | 0.1 | 0.0 | 0.1 | 0.1 | 0.1             |
| 50307C  | PARC CARTIER BREBEOUF                         | -                         | -   | -   | -   | -   | -               | -            | -   | -   | -   | -   | -               |
| 50403C  | SHERBROOKE, QUEBEC<br>WELLINGTON & ALBERT     | 23                        | 118 | 46  | 38  | 56  | 56              | 0.0          | 0.1 | 0.0 | 0.0 | 0.0 | 0.0             |
| 50502R  | CHICOUTIMI, QUEBEC<br>USINE DE FILTRATION     | 20                        | 57  | 25  | 35  | 35  | 34              | 0.0          | 0.0 | 0.0 | 0.0 | 0.0 | 0.0             |
| 50503C  | 222 RACINE                                    | 35                        | 158 | 77  | 139 | 164 | 115             | 0.0          | 0.1 | 0.1 | 0.1 | 0.0 | 0.1             |
| 50601C  | ROUYN, QUEBEC<br>HOTEL DE VILLE               | 34                        | 108 | 56  | 41  | 62  | 60              | 0.1          | 0.2 | 0.2 | 0.0 | 0.5 | 0.2             |
| 50701C  | SEPT-ILES, QUEBEC<br>HOTEL DE VILLE           | 43                        | 50  | 22  | 57  | 21  | 39              | 0.0          | 0.0 | 0.0 | 0.0 | 0.0 | 0.0             |
| 50801R  | TROIS-RIVIERES, QUEBEC<br>HART & STE-CECILE   | 35                        | 112 | 48  | 41  | 58  | 59              | -            | -   | -   | -   | -   | -               |
| 50901R  | ARVIDA, QUEBEC<br>POWELL & HOOPES             | 27                        | 58  | 43  | 29  | 49  | 41              | 0.1          | 0.0 | 0.0 | 0.0 | 0.0 | 0.0             |
| 51201I  | SHAWINIGAN, QUEBEC<br>FRIGON & LAVAL          | 61                        | 224 | 47  | 46  | 53  | 86              | 0.0          | 0.1 | 0.0 | 0.0 | 0.0 | 0.0             |
| 51302R  | BAIE COMEAU, QUEBEC<br>39 AVENUE MANCE        | 7                         | 24  | 24  | 37  | 16  | 22              | 0.0          | 0.0 | 0.0 | 0.0 | 0.0 | 0.0             |
| 60101C  | OTTAWA, ONT.<br>88 SLATER ST.                 | -                         | -   | -   | -   | -   | -               | -            | -   | -   | -   | -   | -               |
| 60104C  | RIDEAU & WURTEMBURG                           | 6                         | 93  | 33  | 40  | 50  | 44              | 0.0          | 0.1 | 0.1 | 0.1 | 0.1 | 0.1             |
| 60202C  | WINDSOR, ONT.<br>CITY HALL                    | 64                        | 116 | 93  | -   | 62  | 84              | 0.1          | 0.1 | 0.0 | -   | 0.0 | 0.1             |
| 60203R  | TECUMSEH WATER WORKS                          | 39                        | 126 | 74  | 23  | 36  | 60              | 0.0          | 0.0 | 0.1 | 0.0 | 0.0 | 0.0             |
| 60204C  | 471 UNIVERSITY AVENUE                         | 72                        | 143 | 94  | -   | 74  | 96              | 0.1          | 0.1 | 0.1 | -   | 0.1 | 0.1             |
| 60212I  | WATER & WRIGHT AVE.                           | 88                        | 175 | 124 | 73  | 99  | 112             | -            | -   | -   | -   | -   | -               |
| 60403I  | TORONTO, ONT.<br>EVANS & ARNOLD               | 28                        | 94  | 88  | 57  | 76  | 69              | 0.0          | 0.1 | 0.1 | 0.1 | 0.1 | 0.1             |
| 60410R  | LAWRENCE & KENNEDY                            | 33                        | 49  | 66  | 35  | -   | 46              | 0.1          | 0.1 | 0.1 | 0.1 | -   | 0.1             |
| 60413R  | ELMCREST ROAD                                 | 45                        | 260 | 155 | -   | 53  | 128             | 0.0          | 0.1 | 0.1 | -   | 0.1 | 0.1             |
| 60415R  | QUEENSWAY W & HURONTARIO                      | 22                        | 126 | 69  | 49  | 57  | 65              | 0.0          | 0.1 | 0.1 | 0.1 | 0.1 | 0.1             |
| 60417C  | 26 BREADALBANE STREET                         | 38                        | 147 | -   | 38  | -   | 78              | 0.1          | 0.2 | -   | 0.1 | -   | 0.1             |
| 60501C  | HAMILTON, ONT.<br>BARTON & SANFORD            | 50                        | 192 | 66  | 90  | 76  | 95              | 0.1          | 0.2 | 0.1 | 0.2 | 0.2 | 0.2             |
| 60503I  | CHATHAM & FRID                                | 48                        | 176 | 113 | 97  | 62  | 99              | 0.0          | 0.0 | 0.0 | 0.0 | 0.0 | 0.0             |
| 60511R  | 467 BEACH BLVD.                               | 80                        | 193 | 131 | 70  | -   | 119             | 0.1          | 0.2 | 0.1 | 0.1 | -   | 0.1             |

SUSPENDED PARTICULATE MATTER AND LEAD  
MICROGRAMS PER CUBIC METREJULY - JUILLET  
1988PLOMB ET PARTICULES EN SUSPENSION  
MICROGRAMMES PAR METRE CUBE

| STATION | LOCATION<br>EMPLACEMENT   | *---- PARTICULATES / PARTICULES ----* |     |    |     |     |                 | *----- LEAD / PLOMB -----* |     |     |     |     |                 |
|---------|---------------------------|---------------------------------------|-----|----|-----|-----|-----------------|----------------------------|-----|-----|-----|-----|-----------------|
|         |                           | DAY / JOUR                            |     |    |     |     | MEAN<br>MOYENNE | DAY / JOUR                 |     |     |     |     | MEAN<br>MOYENNE |
|         |                           | 2                                     | 8   | 14 | 20  | 26  |                 | 2                          | 8   | 14  | 20  | 26  |                 |
|         | SUDBURY, ONT.             |                                       |     |    |     |     |                 |                            |     |     |     |     |                 |
| 60602R  | ASH STREET                | 24                                    | 94  | 17 | 27  | -   | 41              | 0.0                        | 0.0 | 0.0 | 0.0 | -   | 0.0             |
| 60605C  | 19 LISGAR STREET          | 19                                    | 78  | 23 | 30  | 28  | 36              | 0.0                        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0             |
|         | SAULT STE. MARIE, ONT.    |                                       |     |    |     |     |                 |                            |     |     |     |     |                 |
| 60707I  | WM. MERRIFIELD SCHOOL     | 11                                    | 126 | 29 | 38  | 16  | 44              | 0.0                        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0             |
|         | THUNDER BAY, ONT.         |                                       |     |    |     |     |                 |                            |     |     |     |     |                 |
| 60801C  | 14 ALGOMA STREET          | -                                     | -   | -  | -   | -   | -               | -                          | -   | -   | -   | -   | -               |
| 60807R  | 615 JAMES STREET SOUTH    | -                                     | -   | -  | -   | -   | -               | -                          | -   | -   | -   | -   | -               |
|         | LONDON, ONT.              |                                       |     |    |     |     |                 |                            |     |     |     |     |                 |
| 60901C  | KING & RECTORY            | 39                                    | 115 | 73 | 59  | 37  | 65              | 0.0                        | 0.0 | 0.0 | 0.1 | 0.0 | 0.0             |
| 60902C  | 372 DUNDAS                | -                                     | -   | -  | -   | -   | -               | -                          | -   | -   | -   | -   | -               |
|         | SARNIA, ONT.              |                                       |     |    |     |     |                 |                            |     |     |     |     |                 |
| 61004R  | FRONT ST. AT C.N. TRACKS  | 50                                    | 109 | 70 | 40  | 35  | 61              | 0.0                        | 0.0 | 0.1 | 0.1 | 0.1 | 0.1             |
|         | PETERBOROUGH, ONT.        |                                       |     |    |     |     |                 |                            |     |     |     |     |                 |
| 61103C  | 500 GEORGE STREET         | -                                     | -   | -  | -   | -   | -               | -                          | -   | -   | -   | -   | -               |
|         | ST. CATHARINES, ONT.      |                                       |     |    |     |     |                 |                            |     |     |     |     |                 |
| 61303C  | 71 KING STREET            | 34                                    | 118 | 94 | 52  | 50  | 70              | 0.0                        | 0.1 | 0.0 | 0.0 | 0.0 | 0.0             |
|         | KITCHENER, ONT.           |                                       |     |    |     |     |                 |                            |     |     |     |     |                 |
| 61501C  | EDNA & FREDERICK          | 55                                    | 243 | 96 | 75  | 45  | 103             | 0.0                        | 0.1 | 0.1 | 0.3 | 0.1 | 0.1             |
|         | OAKVILLE, ONT.            |                                       |     |    |     |     |                 |                            |     |     |     |     |                 |
| 61602R  | BRONTE AND WOBURN CRES.   | 51                                    | 50  | 59 | 27  | 71  | 52              | 0.0                        | 0.0 | 0.0 | 0.0 | 0.1 | 0.0             |
|         | OSHAWA, ONT.              |                                       |     |    |     |     |                 |                            |     |     |     |     |                 |
| 61701R  | RITSON RD. & OLIVE AVE.   | 32                                    | 101 | 68 | 53  | 46  | 60              | 0.0                        | 0.1 | 0.1 | 0.1 | 0.0 | 0.1             |
|         | GUELPH, ONT.              |                                       |     |    |     |     |                 |                            |     |     |     |     |                 |
| 61802R  | EXHIBITION PARK           | -                                     | 97  | -  | -   | -   | -               | -                          | 0.1 | -   | -   | -   | -               |
|         | WINNIPEG, MAN.            |                                       |     |    |     |     |                 |                            |     |     |     |     |                 |
| 70102R  | PORTAGE & WOODLAWN        | 43                                    | 36  | 34 | 51  | -   | 41              | 0.0                        | 0.1 | 0.0 | 0.1 | -   | 0.1             |
| 70116R  | JEFFERSON & SCOTIA        | 34                                    | 41  | 29 | 22  | 49  | 35              | 0.0                        | 0.1 | 0.0 | 0.0 | 0.1 | 0.1             |
| 70119C  | 65 ELLEN STREET           | 57                                    | 57  | 52 | 44  | 107 | 63              | 0.0                        | 0.1 | 0.1 | 0.1 | 0.1 | 0.1             |
|         | BRANDON, MAN.             |                                       |     |    |     |     |                 |                            |     |     |     |     |                 |
| 70201C  | 11TH ST. & PRINCESS AVE.  | 26                                    | 24  | 56 | 33  | 72  | 42              | 0.0                        | 0.0 | 0.1 | 0.1 | 0.1 | 0.1             |
|         | REGINA, SASK.             |                                       |     |    |     |     |                 |                            |     |     |     |     |                 |
| 80102R  | 3211 ALBERT STREET        | 26                                    | 44  | 44 | 70  | 75  | 52              | 0.0                        | 0.0 | 0.1 | 0.1 | 0.1 | 0.0             |
| 80110C  | 2505 11TH. AVENUE         | 33                                    | -   | 73 | 88  | 110 | 76              | 0.1                        | -   | 0.1 | 0.2 | 0.1 | 0.1             |
|         | SASKATOON, SASK.          |                                       |     |    |     |     |                 |                            |     |     |     |     |                 |
| 80203R  | 30TH ST. & 833 P AVE.     | 47                                    | 49  | 32 | 56  | 66  | 50              | 0.1                        | 0.0 | 0.0 | 0.1 | 0.1 | 0.0             |
| 80209C  | IDYLWYLD DR. & 33RD ST.   | 51                                    | 51  | 43 | 63  | 59  | 53              | 0.1                        | 0.0 | 0.1 | 0.1 | 0.0 | 0.1             |
|         | EDMONTON, ALTA.           |                                       |     |    |     |     |                 |                            |     |     |     |     |                 |
| 90121I  | 17 STREET & 105 AVENUE    | 31                                    | 44  | 43 | 70  | 122 | 62              | 0.0                        | 0.0 | 0.1 | 0.1 | 0.1 | 0.1             |
| 90122R  | 127 ST. & 133 AVENUE      | 26                                    | 34  | 22 | 72  | 58  | 42              | 0.1                        | 0.1 | 0.1 | 0.1 | 0.1 | 0.1             |
| 90130C  | 10255 - 104TH STREET      | 37                                    | 58  | 43 | 86  | 96  | 64              | 0.1                        | 0.1 | 0.2 | 0.1 | 0.1 | 0.1             |
|         | CALGARY, ALTA.            |                                       |     |    |     |     |                 |                            |     |     |     |     |                 |
| 90204C  | 316-7TH AVENUE            | 45                                    | 95  | 48 | 120 | 96  | 81              | 0.1                        | 0.1 | 0.1 | 0.1 | 0.2 | 0.1             |
| 90218I  | BONNY BRK & 18A ST. S.E.  | 30                                    | 67  | 48 | 105 | 100 | 70              | 0.1                        | 0.3 | 0.1 | 0.3 | 0.1 | 0.2             |
| 90222R  | 39 ST. & 29 AVE. N.W.     | 23                                    | 29  | 24 | 62  | 51  | 38              | 0.0                        | 0.1 | 0.0 | 0.1 | 0.1 | 0.1             |
|         | YELLOWKNIFE, N.W.T.       |                                       |     |    |     |     |                 |                            |     |     |     |     |                 |
| 99001C  | 50TH AVE. & 49TH STREET   | -                                     | -   | -  | 77  | 86  | -               | -                          | -   | -   | 0.1 | 0.0 | -               |
|         | INUUVIK, 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       | 18                                    | 69  | 35 | 82  | 69  | 55              | 0.0                        | 0.3 | 0.2 | 0.3 | 0.2 | 0.2             |
| 00104R  | 27TH & ONTARIO            | 13                                    | 34  | -  | -   | 35  | 27              | 0.0                        | 0.2 | -   | -   | 0.2 | 0.1             |
| 00108I  | 250 WEST 70TH AVENUE      | 27                                    | 86  | 42 | 84  | 67  | 61              | 0.1                        | 0.2 | 0.1 | 0.3 | 0.3 | 0.2             |
| 00109C  | 970 BURRARD               | 23                                    | 44  | 32 | 57  | 47  | 41              | 0.1                        | 0.3 | 0.2 | 0.3 | 0.2 | 0.2             |
| 00110R  | E. HASTINGS & KENSINGTON  | 15                                    | 39  | 22 | 49  | 43  | 34              | 0.1                        | 0.2 | 0.1 | 0.2 | 0.1 | 0.1             |
| 00111I  | ROCKY PT. PARK            | 17                                    | 46  | 25 | 67  | 55  | 42              | 0.1                        | 0.2 | 0.1 | 0.2 | 0.1 | 0.1             |
| 00113I  | ANNACIS ISLAND, DELTA     | 17                                    | 65  | 27 | 91  | 107 | 61              | 0.0                        | 0.2 | 0.2 | 0.2 | 0.2 | 0.2             |
| 00114C  | MUNICIPAL HALL, RICHMOND  | 19                                    | 48  | 29 | 38  | 66  | 40              | 0.1                        | 0.2 | 0.1 | 0.1 | 0.1 | 0.1             |
| 00115R  | NEWTON ELEM. SCH., SURREY | -                                     | -   | -  | -   | -   | -               | -                          | -   | -   | -   | -   | -               |
| 00116R  | FIRE HALL, N. VANCOUVER   | 19                                    | 38  | -  | -   | -   | -               | 0.1                        | 0.2 | -   | -   | -   | -               |
| 00117R  | 8CIT BURNABY              | 13                                    | 41  | 22 | 41  | 45  | 32              | 0.0                        | 0.3 | 0.1 | 0.2 | 0.2 | 0.2             |
| 00118R  | 2550 WEST 10TH AVENUE     | 18                                    | 28  | -  | 45  | 34  | 31              | 0.1                        | 0.2 | -   | 0.2 | 0.1 | 0.2             |
|         | PRINCE GEORGE, B.C.       |                                       |     |    |     |     |                 |                            |     |     |     |     |                 |
| 00202C  | 1011 4TH AVENUE           | 28                                    | 72  | 48 | 104 | 31  | 57              | 0.0                        | 0.1 | 0.1 | 0.1 | 0.1 | 0.1             |
|         | VICTORIA, B.C.            |                                       |     |    |     |     |                 |                            |     |     |     |     |                 |
| 00303C  | 1250 QUADRA ST.           | 20                                    | -   | 18 | 53  | 46  | 34              | 0.1                        | -   | 0.1 | 0.3 | 0.2 | 0.2             |

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SUSPENDED PARTICULATE MATTER AND LEAD  
MICROGRAMS PER CUBIC METRE

JULY - JUILLET  
1988

PLOMB ET PARTICULES EN SUSPENSION  
MICROGRAMMES PAR METRE CUBE

| STATION | LOCATION<br>EMPLACEMENT               | *----- PARTICULATES / PARTICULES -----* |    |    |    |    |                 | *----- LEAD / PLOMB -----* |     |     |     |     |                 |
|---------|---------------------------------------|-----------------------------------------|----|----|----|----|-----------------|----------------------------|-----|-----|-----|-----|-----------------|
|         |                                       | *----- DAY / JOUR -----*                |    |    |    |    | MEAN<br>MOYENNE | *----- DAY / JOUR -----*   |     |     |     |     | MEAN<br>MOYENNE |
|         |                                       | 2                                       | 8  | 14 | 20 | 26 |                 | 2                          | 8   | 14  | 20  | 26  |                 |
| 00401C  | KAMLOOPS, B.C.<br>301 SEYMOUR ST.     | 19                                      | 48 | 24 | -  | -  | 30              | 0.0                        | 0.1 | 0.0 | -   | -   | 0.0             |
| 00701C  | KELOWNA, B.C.<br>100 KLO RD.          | 12                                      | 35 | 12 | -  | -  | 20              | 0.0                        | 0.0 | 0.0 | -   | -   | 0.0             |
| 09001C  | WHITEHORSE, YUKON<br>FEDERAL BUILDING | 50                                      | 47 | 60 | 63 | 30 | 50              | 0.1                        | 0.1 | 0.1 | 0.1 | 0.1 | 0.1             |

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

JULY - JUILLET  
1988

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

| STATION | LOCATION<br>EMPLACEMENT                         | *----- DAY / JOUR -----* |   |    |    |    |
|---------|-------------------------------------------------|--------------------------|---|----|----|----|
|         |                                                 | 2                        | 8 | 14 | 20 | 26 |
| 10101C  | ST. JOHN'S, NFLD.<br>DUCKWORTH & ORDINANCE      | 1                        | 0 | -  | -  | -  |
| 20101C  | CHARLOTTETOWN, P.E.I.<br>56 FITZROY ST.         | 0                        | 0 | 0  | 0  | 0  |
| 30115I  | HALIFAX, N.S.<br>CFB SHEARWATER                 | -                        | 0 | 0  | 0  | 1  |
| 30310C  | SYDNEY, N.S.<br>COUNTY JAIL                     | -                        | - | -  | -  | -  |
| 30409R  | GLACE BAY, N.S.<br>SOUTH STREET                 | -                        | - | -  | -  | -  |
| 40203R  | SAINT JOHN, N.B.<br>FOREST HILLS                | -                        | - | -  | -  | -  |
| 50102R  | MONTREAL, QUEBEC<br>JARDIN BOTANIQUE            | -                        | - | -  | -  | -  |
| 50103R  | POINTE-AUX-TREMBLES                             | 0                        | 0 | 1  | 0  | 1  |
| 50104C  | 1125 ONTARIO EST                                | 0                        | 0 | 0  | 0  | 0  |
| 50109C  | DUNCAN & DECARIE                                | 0                        | 2 | 0  | 0  | 0  |
| 50110C  | PARC PILON, MTL.-NORD                           | -                        | - | -  | -  | -  |
| 50112C  | BOUL. LAURENTIDES                               | 1                        | - | -  | -  | -  |
| 50113R  | PIE X & CARDINAL                                | 0                        | - | 0  | 0  | 0  |
| 50116R  | 3161 JOSEPH, VERDUN                             | 0                        | 0 | 0  | 0  | 0  |
| 50119R  | 699 CURE POIRIER                                | -                        | - | -  | 0  | 0  |
| 50120R  | 4TH. AVE. SOUTH, ROXBORO                        | 0                        | - | 0  | -  | 0  |
| 50203R  | HULL, QUEBEC<br>GAMELIN & JOFFRE                | 0                        | 1 | 0  | 0  | 0  |
| 50303I  | QUEBEC, QUEBEC<br>CENTRE LOISIRS LIMOILLOU      | 2                        | 7 | -  | 1  | 3  |
| 50306R  | 2026 BLVD. ST-CYRILLE                           | 0                        | 0 | 1  | 2  | -  |
| 50307C  | PARC CARTIER BREBOEUF                           | -                        | - | -  | -  | -  |
| 50601C  | ROUYN, QUEBEC<br>HOTEL DE VILLE                 | -                        | - | -  | -  | -  |
| 50801R  | TROIS-RIVIERES, QUEBEC<br>HART & STE-CECILE     | 0                        | 0 | -  | 0  | 2  |
| 50901R  | ARVIDA, QUEBEC<br>POWELL & HOOPES               | 0                        | 0 | 1  | 0  | 1  |
| 51201I  | SHAWINIGAN, QUEBEC<br>FRIGON & LAVAL            | 2                        | 0 | 0  | 2  | 2  |
| 51302R  | BAIE COMEAU, QUEBEC<br>39 AVENUE MANCE          | 0                        | 0 | 0  | 0  | 0  |
| 60101C  | OTTAWA, ONT.<br>88 SLATER ST.                   | -                        | - | -  | -  | -  |
| 60104C  | RIDEAU & WURTEMBERG                             | 0                        | 0 | 0  | 0  | 0  |
| 60204C  | WINDSOR, ONT.<br>471 UNIVERSITY AVENUE          | 4                        | 5 | 8  | -  | 2  |
| 60212I  | WATER & WRIGHT AVE.                             | 1                        | 6 | 5  | 0  | 4  |
| 60403I  | TORONTO, ONT.<br>EVANS & ARNOLD                 | 6                        | 3 | 3  | 0  | 2  |
| 60410R  | LAWRENCE & KENNEDY                              | 0                        | 1 | 2  | 1  | -  |
| 60413R  | ELMCREST ROAD                                   | 0                        | 2 | 1  | -  | 0  |
| 60415R  | QUEENSWAY W & HURONTARIO                        | 0                        | 0 | 0  | 1  | 1  |
| 60417C  | 26 BREADALBANE STREET                           | 0                        | 3 | -  | 0  | -  |
| 60501C  | HAMILTON, ONT.<br>BARTON & SANFORD              | 1                        | 4 | 0  | 3  | 2  |
| 60511R  | 467 BEACH BLVD.                                 | 3                        | 6 | 3  | 0  | -  |
| 60602R  | SUDBURY, ONT.<br>ASH STREET                     | 0                        | 2 | 0  | 0  | -  |
| 60707I  | SAULT STE. MARIE, ONT.<br>WM. HERRIFIELD SCHOOL | 0                        | 5 | 0  | 0  | 0  |
| 60807R  | THUNDER BAY, ONT.<br>615 JAMES STREET SOUTH     | -                        | - | -  | -  | -  |
| 60901C  | LONDON, ONT.<br>KING & RECTORY                  | 0                        | 3 | 1  | 2  | 1  |
| 61004R  | SARNIA, ONT.<br>FRONT ST. AT C.N. TRACKS        | 0                        | 1 | 0  | 0  | 0  |
| 61103C  | PETERBOROUGH, ONT.<br>500 GEORGE STREET         | -                        | - | -  | -  | -  |

88 -107

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

JULY - JUILLET  
1988

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

| STATION | LOCATION<br>EMPLACEMENT                     | ----- DAY / JOUR ----- |   |    |    |    |
|---------|---------------------------------------------|------------------------|---|----|----|----|
|         |                                             | 2                      | 8 | 14 | 20 | 26 |
| 61501C  | KITCHENER, ONT.<br>EDNA & FREDERICK         | 0                      | 1 | 0  | 0  | 0  |
| 61602R  | OAKVILLE, ONT.<br>BRONTE AND WOBURN CRES.   | 0                      | 0 | 1  | 0  | 1  |
| 61701R  | OSHAWA, ONT.<br>RITSON RD. & OLIVE AVE.     | 0                      | 3 | 1  | 1  | 1  |
| 61802R  | GUELPH, ONT.<br>EXHIBITION PARK             | -                      | 0 | -  | -  | -  |
| 70118R  | WINNIPEG, MAN.<br>JEFFERSON & SCOTIA        | 0                      | 0 | 0  | 0  | 0  |
| 70119C  | 65 ELLEN STREET                             | 0                      | - | 0  | 0  | 0  |
| 80110C  | REGINA, SASK.<br>2505 11TH. AVENUE          | 0                      | - | 0  | 1  | 0  |
| 80209C  | SASKATOON, SASK.<br>IDYLWYLD DR. & 33RD ST. | 0                      | 0 | 0  | 0  | 0  |
| 90121I  | EDMONTON, ALTA.<br>17 STREET & 105 AVENUE   | 0                      | 0 | 0  | 0  | 1  |
| 90218I  | CALGARY, ALTA.<br>BONNY BRK & 18A ST. S.E.  | 0                      | 1 | 0  | 2  | 3  |
| 00110R  | VANCOUVER, B.C.<br>E. HASTINGS & KENSINGTON | 0                      | 1 | 1  | 1  | 1  |
| 00111I  | ROCKY PT. PARK                              | 0                      | 1 | 0  | 2  | 2  |
| 00118R  | 2550 WEST 10TH AVENUE                       | -                      | - | -  | -  | -  |
| 00303C  | VICTORIA, B.C.<br>1250 QUADRA ST.           | 0                      | - | 0  | 1  | 1  |
| 00401C  | KAMLOOPS, B.C.<br>301 SEYMOUR ST.           | 0                      | 0 | 0  | -  | -  |

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

JULY - JUILLET  
1988

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

| STATION | LOCATION<br>EMPLACEMENT                            | DUSTFALL<br>RETOMBEES DE POUSSIÈRES | SO3    |
|---------|----------------------------------------------------|-------------------------------------|--------|
| 60403I  | TORONTO, ONT.<br>EVANS & ARNOLD                    | 2.7                                 | -      |
| 60501C  | HAMILTON, ONT.<br>BARTON & SANFORD                 | 6.9                                 | -      |
| 60502I  | BURLINGTON & GAGE                                  | 14.5                                | -      |
| 60503I  | CHATHAM & FRID                                     | 9.2                                 | -      |
| 60507C  | HUGHSON & HUNTER                                   | 6.5                                 | -      |
| 60702R  | SAULT STE. MARIE, ONT.<br>ANNA MCREA PUBLIC SCHOOL | 4.2                                 | -      |
| 60703I  | BAYVIEW & YOUNG                                    | 9.0                                 | -      |
| 60801C  | THUNDER BAY, ONT.<br>14 ALGOMA STREET              | -                                   | -      |
| 90125C  | EDMONTON, ALTA.<br>PRINS ELIZABETH & 108 ST        | 4.5                                 | 0.1 ** |
| 90126R  | 77 AVENUE & 85 STREET                              | 7.8                                 | 0.0 ** |
| 90127I  | 115 AVENUE & 159 STREET                            | 12.7                                | 0.1 ** |
| 90128R  | 99 AVENUE & 160 STREET                             | 0.6                                 | 0.0 ** |
| 90219C  | CALGARY, ALTA.<br>620-7TH AVENUE, S.W.             | 6.4                                 | 0.1 ** |
| 90221R  | DALHOUSIE DR & DALHAM DR                           | -                                   | 0.0 ** |
| 90223C  | 11 ST. & 38 AVE. S.E.                              | 8.8                                 | 0.0 ** |
| 90224I  | OGDENDALE & 71 AVE S.E.                            | -                                   | 0.1 ** |
| 90225R  | PALLISER DR & OAKWOOD SW                           | -                                   | 0.0 ** |
| 90226I  | SHEPPARD & 84 AVE S.E.                             | 5.6                                 | 0.1 ** |

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