

**National Air
Pollution Surveillance**

**Surveillance nationale
de la pollution
atmosphérique**

Monthly Summary

Extrait mensuel

**Report EPS 7/AP/12-87
December 1987**

**Rapport SPE 7/AP/12-87
Décembre 1987**

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SULPHUR DIOXIDE
PARTS PER HUNDRED MILLIONDECEMBER - DECEMBRE
1987DIOXYDE DE SOUFRE
PARTIES PAR CENT MILLIONS

STATION	LOCATION EMPLACEMENT	NUMBER OF HOURLY SAMPLES NOMBRE DE DONNEES HORAIRES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS - CENTILES -				DISTRIBUTIONS DES FREQUENCES			
				INTERVALS - INTERVALLES				MEANS ---- MOYENNES			
				1-HOUR / HEURE				24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX
10101C	ST. JOHN'S, Nfld. DUCKWORTH & ORDINANCE	688	0.8	1	2	5	7	1	2	3	3
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	180	---	0	1	2	2	0	1	1	1
30115I	HALIFAX, N.S. CFB SHEARWATER	713	2.2	2	9	15	21	3	6	9	10
30117C	BEDFORD ROW POST OFFICE	713	1.9	2	5	11	21	2	4	4	5
30310C	SYDNEY, N.S. COUNTY JAIL	743	0.3	0	2	4	5	1	1	1	2
30409R	GLACE BAY, N.S. SOUTH STREET	0	----	-	-	-	-	-	-	-	-
40202C	SAINT JOHN, N.B. POST OFFICE	0	---	-	-	-	-	-	-	-	-
40203R	FOREST HILLS	0	---	-	-	-	-	-	-	-	-
50102R	MONTREAL, QUEBEC JARDIN BOTANIQUE	740	0.5	1	2	2	3	1	1	1	2
50103R	POINTE-AUX-TREMBLES	738	1.1	1	3	5	8	1	2	3	3
50104C	1125 ONTARIO EST	738	0.9	1	2	4	6	1	2	2	3
50109C	DUNCAN & DECARIE	741	0.5	1	2	4	6	1	1	2	2
50110C	PARC PILON, MTL.-NORD	725	0.7	1	2	3	3	1	2	2	2
50112C	BOUL. LAURENTIDES	0	---	-	-	-	-	-	-	-	-
50113R	PIE X & CARDINAL	0	---	-	-	-	-	-	-	-	-
50115C	1001 BOUL MAISONNEUVE O.	743	1.2	2	3	4	5	1	2	2	3
50116R	3161 JOSEPH, VERDUN	695	1.3	2	2	3	4	2	2	2	3
50117R	7405 CHAMPAGNEUR	579	0.5	1	1	2	2	1	1	2	2
50118R	829 ST. GERMAIN	403	0.6	1	2	2	2	1	1	1	1
50119R	699 CURE POIRIER	0	---	-	-	-	-	-	-	-	-
50203R	HULL, QUEBEC GAMBLIN & JOFFRE	615	0.7	1	1	2	3	1	1	1	1
50303I	QUEBEC, QUEBEC CENTRE LOISIRS LIMOILOU	0	---	-	-	-	-	-	-	-	-
50306R	2026 BLVD. ST-CYRILLE	0	---	-	-	-	-	-	-	-	-
50307C	PARC CARTIER BREBIEUF	0	---	-	-	-	-	-	-	-	-
50601C	ROUYN, QUEBEC HOTEL DE VILLE	0	---	-	-	-	-	-	-	-	-
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	0	---	-	-	-	-	-	-	-	-
50901R	ARVIDA, QUEBEC POWELL & HOOPES	0	---	-	-	-	-	-	-	-	-
51201I	SHAWINIGAN, QUEBEC FRIGON & LAVAL	0	----	-	-	-	-	-	-	-	-
51301R	BAIE COMEAU, QUEBEC 39 AVE. MARGUERITE	0	---	-	-	-	-	-	-	-	-
51302R	39 AVENUE MANCE	0	---	-	-	-	-	-	-	-	-
60101C	OTTAWA, ONT. 88 SLATER ST.	730	0.6	1	1	4	9	1	1	3	3
60104C	RIDEAU & WURTEMBERG	707	0.2	0	1	3	8	0	1	1	1
60204C	WINDSOR, ONT. 471 UNIVERSITY AVENUE	697	0.5	1	2	3	6	1	2	2	2
60211R	COLLEGE & PRINCE	662	0.6	1	3	4	9	1	2	2	2
60212I	WATER & WRIGHT AVE.	693	0.6	1	2	3	7	1	2	2	3
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	734	0.3	0	1	3	4	0	1	2	2
60403I	EVANS & ARNOLD	697	0.6	1	2	5	14	1	2	2	2
60409R	REDLANDS CRESCENT	411	0.3	0	1	2	3	1	1	1	1
60410R	LAWRENCE & KENNEDY	662	0.3	0	2	4	6	0	1	2	2
60413R	ELMCREST ROAD	732	0.5	1	2	4	11	1	2	2	3
60415R	QUEENSWAY W & HURONTARIO	732	0.9	1	3	9	22	1	4	5	5
60417C	26 BREADALBANE STREET	686	0.5	0	3	6	10	1	2	3	3
60501C	HAMILTON, ONT. BARTON & SANFORD	707	0.5	1	2	4	14	1	2	2	2
60511R	467 BEACH BLVD.	676	0.9	1	3	5	7	1	2	3	3
60512C	BEASLEY PARK	708	0.6	1	2	5	15	1	2	2	3
60602R	SUDBURY, ONT. ASH STREET	743	0.8	1	4	10	19	1	3	5	5
60606C	KENNEDY STREET	743	0.6	1	3	7	15	1	2	2	2

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

SULPHUR DIOXIDE
PARTS PER HUNDRED MILLIONDECEMBER - DECEMBRE
1987DIOXYDE DE SOUFRE
PARTIES PAR CENT MILLIONS

STATION	LOCATION EMPLACEMENT	NUMBER OF HOURLY SAMPLES NOMBRE DE DONNEES HORAIRES	MONTHLY MEAN MOYENNE 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
60707I	SAULT STE. MARIE, ONT. WM. MERRIFIELD SCHOOL	739	0.5	1	2	4	12	1	1	2	2
60807R	THUNDER BAY, ONT. 615 JAMES STREET SOUTH	741	0.0	0	0	1	2	0	0	0	0
60901C	LONDON, ONT. KING & RECTORY	705	0.2	0	1	2	2	0	1	1	1
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	703	0.7	0	5	10	12	1	3	4	5
61103C	PETERBOROUGH, ONT. 500 GEORGE STREET	742	0.1	0	1	1	2	0	1	1	1
61201R	CORNWALL, ONT. MEMORIAL PARK	706	0.6	0	4	7	8	1	2	3	3
61302C	ST. CATHARINES, ONT. ARGYLE CRESCENT	705	1.7	2	4	5	6	2	3	4	4
61501C	KITCHENER, ONT. EDNA & FREDERICK	742	0.5	1	1	2	3	1	1	1	1
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	674	0.3	0	1	4	18	0	2	2	3
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	611	0.3	0	2	2	9	0	1	2	2
61802R	GUELPH, ONT. EXHIBITION PARK	650	0.5	1	2	2	3	1	1	1	1
70118R	WINNIPEG, MAN. JEFFERSON & SCOTIA	697	0.2	0	1	1	2	0	0	1	1
70119C	65 ELLEN STREET	695	0.2	0	1	2	3	0	1	1	1
80110C	REGINA, SASK. 2505 11TH. AVENUE	700	0.1	0	0	1	1	0	0	0	0
80209C	SASKATOON, SASK. IDYLYLD DR. & 33RD ST.	706	0.0	0	0	0	0	0	0	0	0
80501C	ESTEVAN, SASK. 1 ST. & 14TH AVE.	705	0.0	0	0	1	2	0	0	0	0
80601C	LLOYDMINSTER, SASK. 44TH ST. & 48TH AVE.	664	0.0	0	0	0	0	0	0	0	0
90121I	EDMONTON, ALTA. 17 STREET & 105 AVENUE	738	0.3	0	1	2	3	0	1	1	1
90218I	CALGARY, ALTA. BONNY BRK & 18A ST. S.E.	735	0.5	1	1	2	2	1	1	1	1
00110R	VANCOUVER, B.C. E. HASTINGS & KENSINGTON	731	0.7	1	2	4	5	1	2	2	2
00111I	ROCKY PT. PARK	713	0.3	0	1	1	2	0	1	1	1
00112C	ROBSON/HORNEY	726	0.4	1	1	3	5	1	1	2	2
00118R	2550 WEST 10TH AVENUE	726	0.5	1	1	2	4	1	1	2	2
00303C	VICTORIA, B.C. 1250 QUADRA ST.	193	---	1	2	4	6	1	2	2	2
00401C	KAMLOOPS, B.C. 301 SEYMOUR ST.	667	0.0	0	0	1	1	0	0	0	0

--- 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 MILLIONDECEMBER - DECEMBRE
1987MONOXYDE DE CARBONE
PARTIES PAR MILLION

STATION	LOCATION EMPLACEMENT	NUMBER OF HOURLY SAMPLES NOMBRE DE DONNEES HORAIRES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS -				CENTILES - DISTRIBUTIONS DES FREQUENCES				MEANS - MOYENNES			
				INTERVALS - INTERVALLES				8-HOUR / HEURES				24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX	70	95	99	MAX
10101C	ST. JOHN'S, Nfld. DUCKWORTH & ORDINANCE	738	0.7	1	2	3	5	1	2	2	3	1	1	2	2
30117C	HALIFAX, N.S. BEDFORD ROW POST OFFICE	744	0.6	1	1	2	3	1	1	2	2	1	1	2	2
40202C	SAINT JOHN, N.B. POST OFFICE	0	---	-	-	-	-	-	-	-	-	-	-	-	-
50102R	MONTREAL, QUEBEC JARDIN BOTANIQUE	346	---	1	3	5	6	1	3	3	4	1	2	3	3
50103R	POINTE-AUX-TREMBLES	738	0.6	1	2	3	6	1	2	3	3	1	2	2	2
50104C	1125 ONTARIO EST	743	1.2	1	3	4	8	1	3	4	4	1	2	3	3
50109C	DUNCAN & DECARIE	371	---	3	5	8	10	2	5	5	5	2	3	4	4
50110C	PARC PILON, MTL.-NORD	690	0.9	1	3	6	10	1	3	5	7	1	3	3	3
50112C	BOUL. LAURENTIDES	0	---	-	-	-	-	-	-	-	-	-	-	-	-
50113R	PIE X & CARDINAL	0	---	-	-	-	-	-	-	-	-	-	-	-	-
50115C	1001 BOUL MAISONNEUVE O.	743	1.6	2	4	6	9	2	4	4	5	2	3	3	4
50116R	3161 JOSEPH, VERDUN	672	---	1	1	3	5	1	1	2	3	1	1	1	1
50119R	699 CURE POIRIER	0	---	-	-	-	-	-	-	-	-	-	-	-	-
50203R	HULL, QUEBEC GAMELIN & JOFFRE	736	0.8	1	2	3	6	1	2	2	3	1	2	2	2
50307C	QUEBEC, QUEBEC PARC CARTIER BRESCHEUF	0	---	-	-	-	-	-	-	-	-	-	-	-	-
60101C	OTTAWA, ONT. 88 SLATER ST.	733	1.7	2	4	6	7	2	3	4	4	2	3	3	3
60104C	RIDEAU & WURTEMBERG	706	---	1	2	3	8	1	2	2	3	1	1	2	2
60204C	WINDSOR, ONT. 471 UNIVERSITY AVENUE	707	0.7	1	2	2	6	1	1	3	4	1	1	2	2
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	737	0.7	1	2	3	4	1	2	2	3	1	2	2	2
60403I	EVANS & ARNOLD	696	---	1	1	3	10	1	1	3	3	1	1	1	2
60410R	LAWRENCE & KENNEDY	693	---	1	2	3	5	1	2	2	3	1	1	1	1
60413R	ELMCREST ROAD	735	0.7	1	1	2	4	1	1	2	2	1	1	2	2
60415R	QUEENSWAY W & HURONTARIO	560	1.6	2	2	5	6	2	3	3	4	2	2	3	3
60416C	381 YONGE STREET	230	---	3	5	6	10	3	5	6	6	3	4	4	4
60417C	26 BREADALBANE STREET	669	1.0	1	3	3	4	1	3	3	3	1	3	3	3
60511R	HAMILTON, ONT. 467 BEACH BLVD.	707	---	0	1	1	2	0	1	1	1	0	1	1	1
60512C	BEASLEY PARK	710	0.8	1	2	3	4	1	2	3	3	1	2	2	2
60602R	SUDBURY, ONT. ASH STREET	0	---	-	-	-	-	-	-	-	-	-	-	-	-
60707I	SAULT STE. MARIE, ONT. WM. MERRIFIELD SCHOOL	739	1.1	1	3	5	9	1	2	4	5	1	2	3	3
60807R	THUNDER BAY, ONT. 615 JAMES STREET SOUTH	744	---	0	2	4	5	0	2	3	4	1	1	2	2
60901C	LONDON, ONT. KING & RECTORY	704	---	0	1	2	4	0	1	2	2	0	1	1	1
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	707	---	0	1	1	6	0	1	2	3	0	1	1	1
61201R	CORNWALL, ONT. MEMORIAL PARK	627	---	0	1	3	7	0	1	2	3	0	1	1	1
61302C	ST. CATHARINES, ONT. ARGYLE CRESCENT	0	---	-	-	-	-	-	-	-	-	-	-	-	-
61501C	KITCHENER, ONT. EDNA & FREDERICK	741	0.6	1	2	3	4	1	2	2	3	1	1	1	2
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	676	1.9	3	6	7	7	3	6	7	7	3	5	6	6
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	689	0.8	1	2	3	5	1	2	3	4	1	1	2	2
70118R	WINNIPEG, MAN. JEFFERSON & SCOTIA	679	0.6	1	2	4	10	1	2	4	6	1	2	3	3
70119C	65 ELLEN STREET	657	1.0	1	3	4	7	1	2	4	4	1	2	2	2
80110C	REGINA, SASK. 2505 11TH AVENUE	728	1.6	2	4	5	12	2	3	4	4	2	2	3	3

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

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

CARBON MONOXIDE
PARTS PER MILLIONDECEMBER - DECEMBRE
1987MONOXYDE DE CARBONE
PARTIES PAR MILLION

STATION	LOCATION EMPLACEMENT	NUMBER OF HOURLY SAMPLES NOMBRE DE DONNEES HORAIRES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS -				CENTILES - DISTRIBUTIONS DES FREQUENCES				MEANS ----- MOYENNES			
				INTERVALS - INTERVALLES		1-HOUR / HEURE		8-HOUR / HEURES		24-HOUR / HEURES		70 95 99 MAX		70 95 99 MAX	
				70	95	99	MAX	70	95	99	MAX	70	95	99	MAX
80209C	SASKATOON, SASK. IDYLWYLD DR. & 33RD ST.	737	***	1	1	2	3	1	1	2	2	1	1	1	1
90121I	EDMONTON, ALTA. 17 STREET & 105 AVENUE	741	0.8	1	2	3	5	1	2	2	2	1	1	2	2
90122R	127 ST. & 133 AVENUE	742	2.0	2	6	13	17	2	5	10	12	2	5	6	6
90130C	10255 - 104TH STREET	742	2.0	3	5	8	10	3	4	5	8	3	3	4	4
90222R	CALGARY, ALTA. 39 ST. & 29 AVE. N.W.	739	1.0	1	3	8	11	1	3	4	5	1	2	3	3
90227C	1611-4TH STREET S.W.	738	1.9	2	5	12	16	2	5	8	8	2	4	5	5
00108I	VANCOUVER, B.C. 250 WEST 70TH AVENUE	729	1.7	2	5	6	9	2	4	5	5	2	3	3	4
00110R	E. HASTINGS & KENSINGTON	731	1.2	1	3	4	6	1	2	4	4	1	2	3	3
00111I	ROCKY PT. PARK	721	1.6	2	4	5	7	2	3	4	5	2	3	3	4
00112C	ROBSON/HORNBY	732	3.5	4	7	9	11	4	6	7	8	4	5	5	5
00118R	2550 WEST 10TH AVENUE	731	1.9	2	5	8	11	2	4	5	7	2	3	4	4
09001C	WHITEHORSE, YUKON FEDERAL BUILDING	0	---	-	-	-	-	-	-	-	-	-	-	-	-

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

NITROGEN DIOXIDE
PARTS PER HUNDRED MILLION

DECEMBER - DECEMBRE
1987

DIOXYDE D'AZOTE
PARTIES PAR CENT MILLIONS

STATION	LOCATION EMPLACEMENT	NUMBER OF HOURLY SAMPLES NOMBRE DE DONNEES HORAIRES	MONTHLY MEAN MOYENNE 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
301151	HALIFAX, N.S.	743	***	1	2	2	4	1	1	2	2
30117C	CFB SHEARWATER BEDFORD ROW POST OFFICE	246	---	2	4	5	5	2	3	3	3
40202C	SAINT JOHN, N.B.	0	---	-	-	-	-	-	-	-	-
40203R	POST OFFICE FOREST HILLS	0	---	-	-	-	-	-	-	-	-
50102R	MONTREAL, QUEBEC	740	1.2	2	2	3	3	2	2	2	2
50104C	JARDIN BOTANIQUE	664	2.6	3	4	5	6	3	4	4	4
50109C	1125 ONTARIO EST	742	4.9	6	10	13	14	6	7	9	9
50110C	DUNCAN & DECARIE	725	1.3	2	3	3	5	2	2	3	3
50112C	PARC PILON, MTL.-NORD	0	---	-	-	-	-	-	-	-	-
50113R	BOUL. LAURENTIDES	0	---	-	-	-	-	-	-	-	-
50115C	PIE X & CARDINAL	743	3.2	4	5	5	7	4	4	5	5
50116R	1001 BOUL MAISONNEUVE O.	696	---	1	2	2	3	1	2	2	2
50119R	3161 JOSEPH, VERDUN	0	---	-	-	-	-	-	-	-	-
50203R	699 CURE POIRIER	699	1.8	2	4	4	4	2	3	3	3
50307C	HULL, QUEBEC GAMBLIN & JOFFRE	0	---	-	-	-	-	-	-	-	-
60101C	QUEBEC, QUEBEC PARC CARTIER BREBOEUF	733	3.1	4	5	6	6	4	4	4	5
60104C	OTTAWA, ONT. 88 SLATER ST.	709	1.6	2	3	4	5	2	3	3	3
60204C	RIDEAU & WURTEMBERG	685	2.8	3	4	5	7	3	4	5	5
60402R	WINDSOR, ONT. 471 UNIVERSITY AVENUE	735	2.1	2	3	4	6	2	3	3	3
60403I	TORONTO, ONT. DON MILLS, SCIENCE CNTR	698	4.2	5	6	7	7	5	6	7	7
60410R	EVANS & ARNOLD	693	1.8	2	4	4	5	2	3	4	4
60413R	LAWRENCE & KENNEDY	733	2.4	3	4	5	7	3	4	5	5
60415R	ELMCREST ROAD	349	---	2	3	4	5	2	3	3	3
60417C	QUEENSWAY W & HURONTARIO	685	2.0	2	3	5	7	2	3	4	4
60511R	26 BREADALBANE STREET	506	2.0	3	3	4	4	2	3	3	3
60512C	HAMILTON, ONT. 467 BEACH BLVD.	710	2.2	3	4	5	6	2	4	4	4
60707I	BEASLEY PARK	739	1.8	2	4	5	9	2	3	4	4
60807R	SAULT STE. MARIE, ONT. WM. MERRIFIELD SCHOOL	0	---	-	-	-	-	-	-	-	-
60901C	THUNDER BAY, ONT. 615 JAMES STREET SOUTH	706	1.8	2	3	4	5	2	3	3	3
61004R	LONDON, ONT. KING & RECTORY	703	1.2	2	3	4	5	2	3	3	3
61201R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	707	---	1	2	3	5	1	2	2	3
61302C	CORNWALL, ONT. MEMORIAL PARK	0	---	-	-	-	-	-	-	-	-
61501C	ST. CATHARINES, ONT. ARGYLE CRESCENT	740	2.8	3	4	5	5	3	4	4	4
61602R	KITCHENER, ONT. EDNA & FREDERICK	0	---	-	-	-	-	-	-	-	-
61701R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	693	1.5	2	3	4	5	2	3	3	3
70118R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	697	1.6	2	4	5	9	2	3	4	4
70119C	WINNIPEG, MAN. JEFFERSON & SCOTIA	615	2.6	3	4	6	7	3	4	4	4
80110C	65 ELLEN STREET	737	2.3	3	4	4	6	3	3	3	3
80209C	REGINA, SASK. 2505 11TH. AVENUE	737	2.3	3	4	4	4	3	3	3	4
90122R	SASKATOON, SASK. IDYLWYLD DR. & 33RD ST.	738	2.4	3	4	5	6	3	3	4	4
90130C	EDMONTON, ALTA. 127 ST. & 133 AVENUE	741	3.3	4	5	5	6	4	4	4	4

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

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

NITROGEN DIOXIDE
PARTS PER HUNDRED MILLION

DECEMBER - DECEMBRE
1987

DIOXYDE D'AZOTE
PARTIES PAR CENT MILLIONS

STATION	LOCATION EMPLACEMENT	NUMBER OF HOURLY SAMPLES NOMBRE DE DONNEES HORAIRES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS - CENTILES - DISTRIBUTIONS DES FREQUENCES				MEANS ---- MOYENNES			
				INTERVALS - INTERVALLES				24-HOUR / HEURES			
				1-HOUR / HEURE							
				70	95	99	MAX	70	95	99	MAX
	CALGARY, ALTA.										
90222R	39 ST. & 29 AVE. N.W.	734	2.3	3	4	5	6	3	3	4	4
90227C	1611-4TH STREET S.W.	734	3.6	4	5	6	8	4	4	5	5
	VANCOUVER, B.C.										
00108I	250 WEST 70TH AVENUE	668	3.3	4	6	7	7	4	5	6	6
00110R	E. HASTINGS & KENSINGTON	706	2.4	3	4	6	7	3	4	4	4
00111I	ROCKY PT. PARK	447	1.8	2	3	4	5	2	3	3	3
00112C	ROBSON/HORNBY	730	2.9	3	4	5	6	3	3	4	4
00118R	2550 WEST 10TH AVENUE	726	3.1	4	5	6	7	4	4	5	5
	WHITEHORSE, YUKON										
09001C	FEDERAL BUILDING	0	---	-	-	-	-	-	-	-	-

OZONE
PARTS PER HUNDRED MILLIONDECEMBER - DECEMBRE
1987OZONE
PARTIES PAR CENT MILLIONS

STATION	LOCATION EMPLACEMENT	NUMBER OF HOURLY SAMPLES NOMBRE DE DONNEES HORAIRES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS - CENTILES - INTERVALS - INTERVALLES				DISTRIBUTIONS DES FREQUENCES MEANS ---- MOYENNES			
				1-HOUR / HEURE				24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX
30115I	HALIFAX, N.S.	0	---	-	-	-	-	-	-	-	-
30117C	CFB SHEARWATER BEDFORD ROW POST OFFICE	739	1.6	2	3	3	4	2	3	3	3
30501R	KEJIMIKUJIK, N.S. NATIONAL PARK	744	2.8	3	4	4	4	3	3	3	3
30601R	FALL RIVER, N.S. 123 OAKES ROAD	404	2.9	3	4	4	4	3	4	4	4
40202C	SAINT JOHN, N.B. POST OFFICE	0	---	-	-	-	-	-	-	-	-
40203R	FOREST HILLS	0	---	-	-	-	-	-	-	-	-
50102R	MONTREAL, QUEBEC JARDIN BOTANIQUE	740	0.6	1	2	2	3	1	2	2	2
50103R	POINTE-AUX-TREMBLES	738	1.2	2	3	3	4	2	3	3	3
50104C	1125 ONTARIO EST	743	***	0	1	1	1	0	1	1	1
50109C	DUNCAN & DECARIE	742	***	1	2	2	3	1	1	2	2
50110C	PARC PILON, MTL.-NORD	725	0.8	1	3	3	3	1	2	2	2
50112C	BOUL. LAURENTIDES	0	---	-	-	-	-	-	-	-	-
50113R	PIE X & CARDINAL	0	---	-	-	-	-	-	-	-	-
50115C	1001 BOUL MAISONNEUVE O.	743	***	0	1	2	2	0	1	1	1
50116R	3161 JOSEPH, VERDUN	696	***	1	2	2	3	1	1	2	2
50119R	699 CURE POIRIER	0	---	-	-	-	-	-	-	-	-
50306R	QUEBEC, QUEBEC 2026 BLVD. ST-CYRILLE	0	---	-	-	-	-	-	-	-	-
50307C	PARC CARTIER BREBOEUF	0	---	-	-	-	-	-	-	-	-
51401R	ST. ETIENNE, QUEBEC 135 DUPUIS	0	---	-	-	-	-	-	-	-	-
60101C	OTTAWA, ONT. 88 SLATER ST.	734	***	1	2	3	3	1	2	2	2
60104C	RIDEAU & WURTEMBERG	702	0.9	1	2	3	3	1	2	3	3
60204C	WINDSOR, ONT. 471 UNIVERSITY AVENUE	706	0.6	1	2	3	4	1	2	2	2
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	734	0.6	1	2	2	2	1	2	2	2
60403I	EVANS & ARNOLD	695	0.5	1	2	2	3	1	1	1	1
60410R	LAWRENCE & KENNEDY	642	0.7	1	2	2	3	1	2	2	2
60413R	ELMCREST ROAD	543	0.9	1	2	3	5	1	2	2	3
60415R	QUEENSWAY W & HURONTARIO	740	0.8	1	2	3	3	1	2	2	2
60417C	26 BREADALBANE STREET	687	0.7	1	2	2	3	1	2	2	2
60512C	HAMILTON, ONT. BEASLEY PARK	709	0.7	1	2	3	3	1	2	2	2
60602R	SUDBURY, ONT. ASH STREET	693	1.0	2	2	3	3	1	2	2	2
60707I	SAULT STE. MARIE, ONT. WM. MERRIFIELD SCHOOL	492	1.8	2	3	3	4	2	3	3	3
60807R	THUNDER BAY, ONT. 615 JAMES STREET SOUTH	732	1.3	2	3	3	3	2	2	3	3
60901C	LONDON, ONT. KING & RECTORY	704	1.0	1	2	3	3	1	2	2	2
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	662	1.4	2	3	4	4	2	3	4	4
61201R	CORNWALL, ONT. MEMORIAL PARK	691	1.5	2	3	3	3	2	3	3	3
61302C	ST. CATHARINES, ONT. ARGYLE CRESCENT	170	---	1	1	2	2	1	1	1	1
61501C	KITCHENER, ONT. EDNA & FREDERICK	741	1.0	1	2	3	3	1	2	2	3
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	620	0.9	1	2	3	3	1	2	2	2
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	684	1.0	2	3	3	3	1	2	3	3
61802R	GUELPH, ONT. EXHIBITION PARK	644	1.4	2	3	3	3	2	3	3	3

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

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

OZONE PARTS PER HUNDRED MILLION			DECEMBER - DECEMBRE 1987		OZONE PARTIES PAR CENT MILLIONS								
STATION	LOCATION EMPLACEMENT	NUMBER OF HOURLY SAMPLES NOMBRE DE DONNEES HORAIRES	MONTHLY MEAN MOYENNE 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		
	WINNIPEG, MAN.												
70118R	JEFFERSON & SCOTIA	489	1.3	2	3	3	4	2	2	3	3		
70119C	65 ELLEN STREET	696	0.8	1	2	3	3	1	2	2	2		
	REGINA, SASK.												
80110C	2505 11TH AVENUE	733	0.9	1	2	2	3	1	2	2	2		
	SASKATOON, SASK.												
80209C	IDYLWYLD DR. & 33RD ST.	737	1.0	1	2	3	3	1	2	2	2		
	EDMONTON, ALTA.												
90122R	127 ST. & 133 AVENUE	741	1.2	2	4	4	4	2	3	4	4		
90130C	10255 - 104TH STREET	742	1.5	2	3	4	4	2	2	3	3		
	CALGARY, ALTA.												
90222R	39 ST. & 29 AVE. N.W.	739	1.7	3	4	4	4	2	3	3	3		
90227C	16111-4TH STREET S.W.	739	1.0	1	3	3	4	1	2	2	2		
	VANCOUVER, B.C.												
00108I	250 WEST 70TH AVENUE	725	0.6	1	2	2	3	1	2	2	2		
00110R	E. HASTINGS & KENSINGTON	739	0.9	1	3	3	4	1	2	2	2		
00111I	ROCKY PT. PARK	720	***	0	2	3	3	0	2	2	2		
00112C	ROBSON/HORNBY	738	***	0	1	1	1	0	0	1	1		
00118R	2550 WEST 10TH AVENUE	541	0.7	1	3	4	4	1	2	2	2		
	VICTORIA, B.C.												
00303C	1250 QUADRA ST.	703	1.5	2	4	4	5	2	3	3	4		
	PENTICTON, B.C.												
00601C	400 CARMIE AVE.	0	---	-	-	-	-	-	-	-	-		
	KELOWNA, B.C.												
00701C	100 KLO RD.	709	1.6	3	3	4	4	2	3	3	3		

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

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

SOILING INDEX
COH UNITS PER 1000 LINEAR FT.DECEMBER - DECEMBRE
1987INDICE DE SOUILLURE
UNITES COH PAR 1000 PIEDS LINEAIRES

STATION	LOCATION EMPLACEMENT	NUMBER OF SAMPLES NOMBRE DE DONNEES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS				DISTRIBUTIONS DES FREQUENCES			
				INTERVALS - INTERVALLES				MEANS - MOYENNES			
				2-HOUR / HEURES				24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX
50109C	MONTREAL, QUEBEC										
	DUNCAN & DECARIE	282	0.58	0.8	1.6	1.9	2.4	0.7	1.1	1.2	1.3
50110C	PARC PILON, MTL.-NORD	305	0.27	0.3	0.8	1.2	1.9	0.3	0.6	0.7	0.9
50115C	1001 BOUL MAISONNEUVE O.	360	0.40	0.5	1.0	1.4	1.9	0.5	0.8	1.1	1.1
50116R	3161 JOSEPH, VERDUN	281	0.16	0.2	0.5	0.9	1.0	0.2	0.5	0.6	0.6
50203R	HULL, QUEBEC										
	GAMELIN & JOFFRE	372	0.23	0.3	0.7	0.9	1.0	0.3	0.4	0.5	0.5
60101C	OTTAWA, ONT.										
	88 SLATER ST.	372	0.50	0.6	1.4	2.1	2.8	0.6	0.9	1.0	1.0
60104C	RIDEAU & WURTEMBERG	707	(1) 0.26	0.3	0.7	1.0	1.2	0.3	0.5	0.6	0.6
60204C	WINDSOR, ONT.										
	471 UNIVERSITY AVENUE	708	(1) 0.28	0.4	0.7	1.0	1.8	0.4	0.6	0.7	0.7
60211R	COLLEGE & PRINCE	664	(1) 0.31	0.4	0.6	1.0	1.3	0.4	0.6	0.6	0.6
60403I	TORONTO, ONT.										
	EVANS & ARNOLD	735	(1) 0.39	0.5	1.0	1.4	1.5	0.5	0.8	1.0	1.0
60410R	LAWRENCE & KENNEDY	694	(1) 0.36	0.4	0.8	1.1	1.8	0.4	0.6	0.8	0.8
60417C	26 BREADALBANE STREET	703	(1) 0.34	0.4	0.8	1.1	1.4	0.4	0.7	0.9	0.9
60501C	HAMILTON, ONT.										
	BARTON & SANFORD	712	(1) 0.47	0.6	1.2	1.8	2.1	0.6	1.0	1.2	1.3
60511R	467 BEACH BLVD.	431	(1) 0.34	0.4	0.7	1.2	1.4	0.4	0.7	0.7	0.7
60512C	BEASLEY PARK	356	0.37	0.4	1.1	1.6	2.0	0.4	1.0	1.2	1.3
60602R	SUDSBURY, ONT.										
	ASH STREET	686	(1) 0.22	0.3	0.7	1.3	2.2	0.3	0.6	0.8	0.8
60707I	SAULT STE. MARIE, ONT.										
	WM. MERRIFIELD SCHOOL	372	0.35	0.4	1.1	2.0	2.7	0.4	0.9	1.0	1.1
60807R	THUNDER BAY, ONT.										
	615 JAMES STREET SOUTH	726	(1) ****	0.0	0.1	0.2	0.3	0.0	0.1	0.2	0.2
60901C	LONDON, ONT.										
	KING & RECTORY	701	(1) 0.19	0.3	0.6	0.8	1.1	0.3	0.5	0.6	0.6
61004R	SARNIA, ONT.										
	FRONT ST. AT C.N. TRACKS	0	----	-	-	-	-	-	-	-	-
61201R	CORNWALL, ONT.										
	MEMORIAL PARK	703	(1) ****	0.0	0.2	0.7	0.8	0.1	0.2	0.4	0.4
61302C	ST. CATHARINES, ONT.										
	ARGYLE CRESCENT	353	0.22	0.3	0.8	1.1	2.2	0.3	0.6	1.1	1.1
61602R	OAKVILLE, ONT.										
	BRONTE AND WOBURN CRES.	734	(1) 0.37	0.4	1.1	1.6	2.5	0.4	0.9	1.1	1.2
61701R	OSHAWA, ONT.										
	RITSON RD. & OLIVE AVE.	649	(1) 0.30	0.4	0.8	1.2	1.5	0.4	0.6	1.0	1.0
61802R	GUELPH, ONT.										
	EXHIBITION PARK	542	(1) 0.51	0.6	1.3	1.7	1.8	0.6	1.1	1.5	1.5
70118R	WINNIPEG, MAN.										
	JEFFERSON & SCOTIA	716	(1) ****	0.1	0.3	0.5	1.0	0.1	0.2	0.4	0.4
70119C	65 ELLEN STREET	744	(1) 0.19	0.2	0.5	0.8	1.0	0.2	0.4	0.5	0.5
90122R	EDMONTON, ALTA.										
	127 ST. & 133 AVENUE	744	(1) 0.45	0.5	1.3	2.0	2.2	0.5	1.0	1.2	1.2
90130C	10255 - 104TH STREET	744	(1) 0.30	0.4	0.7	1.0	1.2	0.4	0.5	0.7	0.7
90218I	CALGARY, ALTA.										
	BONNY BRK & 18A ST. S.E.	744	(1) 0.35	0.4	1.1	2.0	3.4	0.4	0.8	1.0	1.2
90222R	39 ST. & 29 AVE. N.W.	744	(1) 0.15	0.2	0.5	1.0	1.2	0.2	0.3	0.4	0.4
90227C	1611-4TH STREET S.W.	744	(1) 0.35	0.4	1.0	1.7	1.9	0.4	0.7	0.8	0.9
00102R	VANCOUVER, B.C.										
	100 RICHMOND STREET	340	0.48	0.6	1.2	1.5	1.7	0.6	0.9	1.0	1.0
00108I	250 WEST 70TH AVENUE	345	0.50	0.7	1.3	1.7	2.3	0.6	1.0	1.0	1.1
00110R	E. HASTINGS & KENSINGTON	367	0.27	0.3	0.8	1.3	1.7	0.3	0.6	1.0	1.1
00111I	ROCKY PT. PARK	372	0.47	0.6	1.2	1.5	1.8	0.6	0.9	1.2	1.2
00112C	ROBSON/HORNBY	117	----	0.2	0.3	0.4	0.4	0.1	0.2	0.2	0.2
00118R	2550 WEST 10TH AVENUE	329	****	0.0	0.2	0.3	0.3	0.1	0.1	0.1	0.1
00202C	PRINCE GEORGE, B.C.										
	1011 4TH AVENUE	0	----	-	-	-	-	-	-	-	-

(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 METRE

DECEMBER - DECEMBRE
1987

PLOMB ET PARTICULES EN SUSPENSION
MICROGRAMMES PAR METRE CUBE

STATION	LOCATION EMPLACEMENT	*----- PARTICULATES / PARTICULES -----*						*----- LEAD / PLOMB -----*					
		----- DAY / JOUR -----					MEAN MOYENNE	*----- DAY / JOUR -----*					MEAN MOYENNE
		5	11	17	23	29		5	11	17	23	29	
10101C	ST. JOHN'S, NFLD. DUCKWORTH & ORDINANCE	18	16	33	27	27	24	0.0	0.0	0.0	0.0	0.0	0.0
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	38	18	17	-	-	24	0.1	0.0	0.0	-	-	0.0
30101C	HALIFAX, N.S. N.S. TECHNICAL COLLEGE	18	27	20	61	-	32	0.0	0.0	0.0	0.1	-	0.0
30102R	DALHOUSIE UNIVERSITY	10	12	10	23	-	14	0.0	0.0	0.0	0.0	-	0.0
30115I	CFB SHEARWATER	7	17	-	31	-	18	0.0	0.0	-	0.0	-	0.0
30310C	SYDNEY, N.S. COUNTY JAIL	-	-	-	-	-	-	-	-	-	-	-	-
30311R	WHITNEY PIER FIRE STN.	-	-	-	-	-	-	-	-	-	-	-	-
30409R	GLACE BAY, N.S. SOUTH STREET	-	-	-	-	-	-	-	-	-	-	-	-
40102C	FREDERICTON, N.B. YORK STREET	36	37	30	68	33	41	0.0	0.0	0.0	0.3	0.0	0.1
40201C	SAINT JOHN, N.B. 110 CHARLOTTE STREET	58	78	53	58	50	59	0.0	0.0	0.0	0.0	0.0	0.0
40203R	FOREST HILLS	69	40	36	74	43	52	0.0	0.0	0.0	0.1	0.0	0.0
50102R	MONTREAL, QUEBEC JARDIN BOTANIQUE	20	30	26	19	52	29	0.0	0.0	0.0	0.0	0.0	0.0
50103R	POINTE-AUX-TREMBLES	55	51	37	29	129	60	0.1	0.1	0.1	0.1	0.0	0.1
50104C	1125 ONTARIO EST	35	86	42	31	56	50	0.1	0.2	0.1	0.1	0.1	0.1
50109C	DUNCAN & DECARIE	-	89	52	74	77	73	-	0.1	0.1	0.1	0.1	0.1
50110C	PARC PILON, MTL.-NORD	40	78	35	42	115	62	0.0	0.1	0.1	0.0	0.1	0.1
50112C	BOUL. LAURENTIDES	-	-	-	-	-	-	-	-	-	-	-	-
50113R	PIE X & CARDINAL	-	-	-	-	-	-	-	-	-	-	-	-
50116R	3161 JOSEPH, VERDUN	68	123	47	-	66	76	0.0	0.2	0.1	-	0.1	0.1
50119R	699 CURE POIRIER	-	-	-	-	-	-	0.0	0.1	0.0	0.1	0.0	0.0
50203R	HULL, QUEBEC GAMBLIN & JOFFRE	23	79	19	19	53	39	0.0	0.2	0.0	0.0	0.0	0.0
50303I	QUEBEC, QUEBEC CENTRE LOISIRS LIMOULOU	-	-	-	-	-	-	0.1	0.0	0.1	-	0.1	0.1
50306R	2026 BLVD. ST-CYRILLE	-	-	-	-	-	-	-	-	-	-	-	-
50307C	PARC CARTIER BRESCHEUF	-	-	-	-	-	-	0.0	0.0	0.1	-	-	0.0
50403C	SHERBROOKE, QUEBEC WELLINGTON & ALBERT	-	-	-	-	-	-	0.0	0.1	-	-	-	-
50502R	CHICOUTIMI, QUEBEC USINE DE FILTRATION	-	-	-	-	-	-	0.0	0.0	0.0	-	-	0.0
50503C	222 RACINE	-	-	-	-	-	-	0.0	0.0	-	-	0.0	0.0
50601C	ROUYN, QUEBEC HOTEL DE VILLE	-	-	-	-	-	-	0.0	0.0	0.2	-	-	0.1
50701C	SEPT-ILES, QUEBEC HOTEL DE VILLE	-	-	-	-	-	-	-	-	-	-	-	-
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	-	-	-	-	-	-	-	-	-	-	-	-
50901R	ARVIDA, QUEBEC POWELL & HOOPES	-	-	-	-	-	-	0.0	0.1	-	-	0.1	0.1
51201I	SHAWINIGAN, QUEBEC FRIGON & LAVAL	-	-	-	-	-	-	0.0	0.0	0.0	-	0.0	0.0
51301R	BAIE COMEAU, QUEBEC 39 AVE. MARGUETTE	-	-	-	-	-	-	-	-	-	-	-	-
51302R	39 AVENUE MANCE	-	-	-	-	-	-	-	-	-	-	-	-
60101C	OTTAWA, ONT. 88 SLATER ST.	42	87	-	28	35	48	0.0	0.0	-	0.0	0.0	0.0
60104C	RIDEAU & WURTEMBERG	28	78	28	22	39	39	0.0	0.1	0.0	0.0	0.0	0.0
60202C	WINDSOR, ONT. CITY HALL	27	-	-	57	12	32	0.0	-	-	0.1	0.0	0.0
60203R	TECUMSEH WATER WORKS	26	37	21	48	19	30	0.0	0.0	0.0	0.0	0.0	0.0
60204C	471 UNIVERSITY AVENUE	32	57	41	115	32	55	0.0	0.1	0.1	0.2	0.0	0.1
60212I	WATER & WRIGHT AVE.	82	42	-	53	42	55	-	-	-	-	-	-
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	17	47	-	28	24	29	0.0	0.1	-	0.0	0.0	0.0
60403I	EVANS & ARNOLD	50	75	48	70	68	62	0.2	0.2	0.2	0.3	0.2	0.2
60409R	REDLANDS CRESCENT	25	24	26	32	29	27	0.1	0.1	0.1	0.1	0.0	0.1
60410R	LAWRENCE & KENNEDY	-	44	54	39	51	47	-	0.0	0.1	0.0	0.1	0.1
60413R	ELMCREST ROAD	11	59	-	40	4	29	0.0	0.2	-	0.1	0.1	0.1
60415R	QUEENSWAY W & HURONTARIO	51	69	117	58	88	77	0.1	0.1	0.1	0.1	0.0	0.1
60417C	26 BREADALBANE STREET	39	68	38	16	55	43	0.1	0.1	0.1	0.0	0.1	0.1
60501C	HAMILTON, ONT. BARTON & SANFORD	-	113	-	61	34	69	-	0.3	-	0.2	0.0	0.2
60503I	CHATHAM & FRID	32	-	-	74	54	53	0.1	-	-	0.1	0.1	0.1

SUSPENDED PARTICULATE MATTER AND LEAD
 MICROGRAMS PER CUBIC METRE

 DECEMBER - DECEMBRE
 1987

 PLOMB ET PARTICULES EN SUSPENSION
 MICROGRAMMES PAR METRE CUBE

STATION	LOCATION EMPLACEMENT	*----- PARTICULATES / PARTICULES -----*						*----- LEAD / PLOMB -----*					
		----- DAY / JOUR -----					MEAN MOYENNE	*----- DAY / JOUR -----*					MEAN MOYENNE
		5	11	17	23	29		5	11	17	23	29	
60511R	467 BEACH BLVD.	-	-	40	74	32	49	-	-	-	-	-	-
	SUDSBURY, ONT.												
60602R	ASH STREET	7	-	12	30	14	16	0.0	-	0.0	0.3	0.0	0.1
60605C	19 LISGAR STREET	-	43	11	31	18	26	-	0.0	0.1	0.2	0.1	0.1
	SAULT STE. MARIE, ONT.												
60707I	WM. MERRIFIELD SCHOOL	35	30	18	88	37	42	0.1	0.1	0.0	0.1	0.1	0.1
	THUNDER BAY, ONT.												
60801C	14 ALGOMA STREET	78	32	81	18	39	50	0.1	0.2	0.1	0.1	0.1	0.1
60807R	615 JAMES STREET SOUTH	68	33	103	21	58	57	0.2	0.2	0.2	0.1	0.2	0.2
	LONDON, ONT.												
60901C	KING & RECTORY	14	83	13	51	46	41	0.1	0.2	0.1	0.2	0.1	0.1
60902C	372 DUNDAS	14	73	15	51	40	39	0.0	0.1	0.1	0.1	0.0	0.1
	SARNIA, ONT.												
61004R	FRONT ST. AT C.N. TRACKS	31	43	11	38	39	32	0.0	0.0	0.0	0.1	0.0	0.0
	PETERBOROUGH, ONT.												
61103C	500 GEORGE STREET	-	-	-	-	-	-	-	-	-	-	-	-
	CORNWALL, ONT.												
61201R	MEMORIAL PARK	-	-	-	-	-	-	-	-	-	-	-	-
	KITCHENER, ONT.												
61501C	EDNA & FREDERICK	47	73	23	39	91	55	0.1	0.3	0.1	0.2	0.2	0.2
	OAKVILLE, ONT.												
61602R	BRONTE AND WOBURN CRES.	13	-	-	43	-	-	0.0	-	-	0.1	-	-
	OSHAWA, ONT.												
61701R	RITSON RD. & OLIVE AVE.	-	70	27	47	29	43	-	0.2	0.0	0.1	0.0	0.1
	GUELPH, ONT.												
61802R	EXHIBITION PARK	20	43	9	26	44	28	0.0	0.1	0.0	0.0	0.0	0.0
	WINNIPEG, MAN.												
70102R	PORTAGE & WOODLAWN	32	21	19	61	11	29	0.3	0.1	0.1	0.2	0.0	0.1
70118R	JEFFERSON & SCOTIA	35	9	20	11	13	18	0.1	0.0	0.1	0.0	0.0	0.0
70119C	65 ELLEN STREET	74	13	27	20	12	29	0.1	0.0	0.1	0.1	0.1	0.1
	BRANDON, MAN.												
70201C	11TH ST. & PRINCESS AVE.	31	21	47	32	45	35	0.0	0.0	0.1	0.1	0.1	0.1
	REGINA, SASK.												
80102R	3211 ALBERT STREET	27	19	25	18	13	20	0.1	0.0	0.0	0.0	0.0	0.0
80110C	2505 11TH. AVENUE	47	49	65	22	35	44	0.2	0.2	0.1	0.2	0.1	0.2
	SASKATOON, SASK.												
80203R	30TH ST. & 833 F AVE.	26	19	27	15	13	20	0.1	0.0	0.1	0.0	0.0	0.0
80209C	IDYLLWYLD DR. & 33RD ST.	31	23	25	23	13	23	0.1	0.0	0.1	0.1	0.0	0.1
	MOOSE JAW, SASK.												
80302C	110 OMINICA STREET	-	20	29	21	32	26	-	0.0	0.0	0.0	0.1	0.0
	ESTEVAN, SASK.												
80501C	1 ST. & 14TH AVE.	45	24	61	16	28	35	0.0	0.0	0.0	0.0	0.0	0.0
	LLOYDMINSTER, SASK.												
80601C	44TH ST. & 48TH AVE.	32	41	22	15	-	28	0.1	0.1	0.0	0.0	-	0.1
	EDMONTON, ALTA.												
90121I	17 STREET & 105 AVENUE	50	35	79	47	21	46	0.1	0.1	0.2	0.2	0.0	0.1
90122R	127 ST. & 133 AVENUE	46	36	92	54	14	48	0.2	0.1	0.5	0.2	0.0	0.2
90130C	10255 - 104TH STREET	65	96	76	92	43	74	0.3	0.2	0.3	0.3	0.1	0.2
	CALGARY, ALTA.												
90204C	316-7TH AVENUE	76	64	106	77	52	75	0.3	0.1	0.4	0.2	0.1	0.2
90218I	BONNY BRK & 18A ST. S.E.	65	46	150	70	65	79	0.6	0.2	0.7	0.4	0.1	0.4
90222R	39 ST. & 29 AVE. N.W.	35	28	66	51	25	41	0.2	0.0	0.3	0.2	0.0	0.1
	YELLOWKNIFE, N.W.T.												
99001C	50TH AVE. & 49TH STREET	10	11	6	39	25	18	0.0	0.0	0.0	0.1	0.1	0.0
	INUVIK, N.W.T.												
99201C	D.I.A.N.D. RESEARCH LAB.	-	-	-	-	-	-	-	-	-	-	-	-
	IQALUIT, N.W.T.												
99301C	BAY BLDG.	-	-	-	-	-	-	-	-	-	-	-	-
	VANCOUVER, B.C.												
00102R	100 RICHMOND STREET	26	62	66	-	43	49	0.1	0.5	0.4	-	0.3	0.3
00104R	27TH & ONTARIO	19	-	49	-	-	-	0.1	-	0.4	-	-	-
00108I	250 WEST 70TH AVENUE	32	59	99	-	43	58	0.1	0.5	0.5	-	0.3	0.4
00109C	970 BURRARD	18	48	70	-	31	42	0.1	0.3	0.5	-	0.2	0.3
00110R	E. HASTINGS & KENSINGTON	14	19	37	-	27	24	0.1	0.1	0.3	-	0.2	0.2
00111I	ROCKY PT. PARK	17	32	45	-	45	35	0.1	0.3	0.4	-	0.2	0.3
00113I	ANNACIS ISLAND, DELTA	21	-	82	-	54	52	0.1	-	0.5	-	0.3	0.3
00114C	MUNICIPAL HALL, RICHMOND	33	38	114	-	55	60	0.2	0.3	0.7	-	0.3	0.4
00115R	NEWTON ELEM. SCH., SURREY	16	54	66	-	51	47	0.1	0.5	0.5	-	0.3	0.4

SUSPENDED PARTICULATE MATTER AND LEAD
MICROGRAMS PER CUBIC METRE

DECEMBER - DECEMBRE
1987

PLOMB ET PARTICULES EN SUSPENSION
MICROGRAMMES PAR METRE CUBE

STATION	LOCATION EMPLACEMENT	*---- PARTICULATES / PARTICULES ----*						*----- LEAD / PLOMB -----*					
		----- DAY / JOUR -----					MEAN MOYENNE	*----- DAY / JOUR -----*					MEAN MOYENNE
		5	11	17	23	29		5	11	17	23	29	
00116R	FIRE HALL, N. VANCOUVER	12	33	38	-	28	28	0.1	0.4	0.4	-	0.2	0.3
00117R	BCIT BURNABY	17	30	55	-	38	35	0.2	0.4	0.6	-	0.4	0.4
00118R	2550 WEST 10TH AVENUE	18	31	60	-	30	35	0.2	0.3	0.6	-	0.3	0.4
00202C	PRINCE GEORGE, B.C. 1011 4TH AVENUE	36	59	56	56	31	48	0.1	0.0	0.0	0.3	0.0	0.1
00303C	VICTORIA, B.C. 1250 QUADRA ST.	37	41	73	47	32	46	0.2	0.4	0.8	0.5	0.3	0.4
00401C	KAMLOOPS, B.C. 301 SEYMOUR ST.	47	93	129	-	39	77	0.1	0.3	0.3	-	0.1	0.2
00601C	PENTICTON, B.C. 400 CARMICHAEL AVE.	-	-	-	-	-	-	-	-	-	-	-	-
00701C	KELOWNA, B.C. 100 KLO RD.	60	23	33	44	54	43	0.2	0.0	0.0	0.2	0.1	0.1
09001C	WHITEHORSE, YUKON FEDERAL BUILDING	77	27	-	-	-	-	0.2	0.2	-	-	-	-

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

DECEMBER - DECEMBRE
1987

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

STATION	LOCATION EMPLACEMENT	*----- DAY / JOUR -----*				
		5	11	17	23	29
10101C	ST. JOHN'S, NFLD. DUCKWORTH & ORDINANCE	0	0	0	1	1
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	0	-	-	-	-
30115I	HALIFAX, N.S. CFB SHEARWATER	0	0	-	2	-
30310C	SYDNEY, N.S. COUNTY JAIL	-	-	-	-	-
30409R	GLACE BAY, N.S. SOUTH STREET	-	-	-	-	-
40203R	SAINT JOHN, N.B. FOREST HILLS	-	-	-	-	-
50102R	MONTREAL, QUEBEC JARDIN BOTANIQUE	0	0	0	1	0
50103R	POINTE-AUX-TREMBLES	1	1	2	1	0
50104C	1125 ONTARIO EST	0	4	1	1	1
50109C	DUNCAN & DECARIE	-	2	1	0	0
50110C	PARC PILON, MTL.-NORD	0	3	0	1	1
50112C	BOUL. LAURENTIDES	-	-	-	-	-
50113R	PIE X & CARDINAL	-	-	-	-	-
50116R	3161 JOSEPH, VERDUN	1	4	2	-	-
50119R	699 CURE POIRIER	-	-	-	-	-
50203R	HULL, QUEBEC GAMELIN & JOFFRE	-	1	0	1	1
50303I	QUEBEC, QUEBEC CENTRE LOISIRS LIMOILLOU	-	-	-	-	-
50306R	2026 BLVD. ST-CYRILLE	-	-	-	-	-
50307C	PARC CARTIER BREBEOUF	-	-	-	-	-
50601C	ROUYN, QUEBEC HOTEL DE VILLE	-	-	-	-	-
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	-	-	-	-	-
50901R	ARVIDA, QUEBEC POWELL & HOOPES	-	-	-	-	-
51201I	SHAWINIGAN, QUEBEC FRIGON & LAVAL	-	-	-	-	-
51301R	BAIE COMEAU, QUEBEC 39 AVE. MARGUETTE	-	-	-	-	-
51302R	39 AVENUE MANCE	-	-	-	-	-
60101C	OTTAWA, ONT. 88 SLATER ST.	0	2	-	1	0
60104C	RIDEAU & WURTEMBERG	0	1	0	1	0
60204C	WINDSOR, ONT. 471 UNIVERSITY AVENUE	0	1	0	4	0
60212I	WATER & WRIGHT AVE.	5	0	-	1	0
60402R	TORONTO, ONT. DON HILLS, SCIENCE CNTR	0	1	-	0	0
60403I	EVANS & ARNOLD	0	2	1	1	1
60409R	REDLANDS CRESCENT	-	-	0	0	0
60410R	LAWRENCE & KENNEDY	-	0	0	0	0
60413R	ELMCREST ROAD	0	2	-	0	0
60415R	QUEENSWAY W & HURONTARIO	1	2	1	1	1
60417C	26 BREADALBANE STREET	0	2	0	0	0
60501C	HAMILTON, ONT. BARTON & SANFORD	-	5	-	0	0
60511R	467 BEACH BLVD.	-	-	1	4	0
60602R	SUDBURY, ONT. ASH STREET	0	-	0	2	0
60707I	SAULT STE. MARIE, ONT. WM. MERRIFIELD SCHOOL	1	0	0	3	0
60807R	THUNDER BAY, ONT. 615 JAMES STREET SOUTH	0	0	0	0	0
60901C	LONDON, ONT. KING & RECTORY	0	1	0	0	0
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	0	1	0	0	0

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

DECEMBER - DECEMBRE
1987

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

STATION	LOCATION EMPLACEMENT	*----- DAY / JOUR -----*				
		5	11	17	23	29
61103C	PETERBOROUGH, ONT. 500 GEORGE STREET	-	-	-	-	-
61201R	CORNWALL, ONT. MEMORIAL PARK	-	-	-	-	-
61501C	KITCHENER, ONT. EDNA & FREDERICK	0	2	0	1	1
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	0	-	-	0	-
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	-	1	0	1	-
61802R	GUELPH, ONT. EXHIBITION PARK	0	0	0	0	1
70118R	WINNIPEG, MAN. JEFFERSON & SCOTIA	0	0	0	0	0
70119C	65 ELLEN STREET	1	0	0	0	0
80110C	REGINA, SASK. 2505 11TH. AVENUE	0	0	-	0	0
80209C	SASKATOON, SASK. IDYLWYLD DR. & 33RD ST.	0	0	0	0	0
80501C	ESTEVAN, SASK. 1 ST. & 14TH AVE.	0	0	0	0	0
80601C	LLOYDMINSTER, SASK. 44TH ST. & 48TH AVE.	0	0	0	0	-
90121I	EDMONTON, ALTA. 17 STREET & 105 AVENUE	0	0	1	0	0
90218I	CALGARY, ALTA. BONNY BRK & 18A ST. S.E.	1	0	4	1	1
00110R	VANCOUVER, B.C. E. HASTINGS & KENSINGTON	0	1	1	-	0
00111I	ROCKY PT. PARK	0	1	0	-	0
00118R	2550 WEST 10TH AVENUE	0	0	2	-	0
00303C	VICTORIA, B.C. 1250 QUADRA ST.	-	-	-	-	1
00401C	KAMLOOPS, B.C. 301 SEYMOUR ST.	0	0	0	-	0

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

DECEMBER - DECEMBRE
1987

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

STATION	LOCATION EMPLACEMENT	DUSTFALL RETOMBEES DE POUSSIERES	SO3	
	TORONTO, ONT.			
60403I	EVANS & ARNOLD	3.0	-	
60406R	ROSEHILL RESERVOIR	2.6	-	
60408C	DANFORTH & ROBINSON	5.4	-	
	HAMILTON, ONT.			
60501C	BARTON & SANFORD	-	-	
60502I	BURLINGTON & GAGE	9.0	-	
60503I	CHATHAM & FRID	-	-	
60507C	HUGHSON & HUNTER	-	-	
	SAULT STE. MARIE, ONT.			
60702R	ANNA MCREA PUBLIC SCHOOL	-	-	
60703I	BAYVIEW & YOUNG	8.4	-	
	THUNDER BAY, ONT.			
60801C	14 ALGOMA STREET	-	-	
	EDMONTON, ALTA.			
90125C	PRINS ELIZABETH & 108 ST	-	-	**
90126R	77 AVENUE & 85 STREET	-	-	**
90127I	115 AVENUE & 159 STREET	-	-	**
90128R	99 AVENUE & 160 STREET	-	-	**
	CALGARY, ALTA.			
90219C	620-7TH AVENUE, S.W.	-	-	**
90221R	DALHOUSIE DR & DALHAM DR	-	-	**
90223C	11 ST. & 38 AVE. S.E.	-	-	**
90224I	OGDENDALE & 71 AVE S.E.	-	-	**
90225R	PALLISER DR & OAKWOOD SW	-	-	**
90226I	SHEPPARD & 84 AVE S.E.	-	-	**

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