

**National Air
Pollution Surveillance**

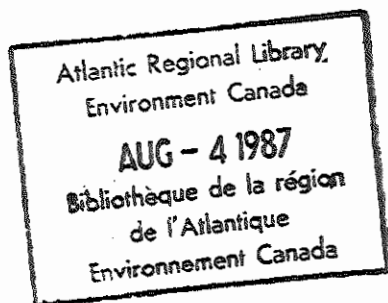
**Surveillance nationale
de la pollution
atmosphérique**

Monthly Summary

Extrait mensuel

**Report EPS 7/AP/12-86
December 1986**

**Rapport SPE 7/AP/12-86
Décembre 1986**



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SULPHUR DIOXIDE
PARTS PER HUNDRED MILLIONDECEMBER - DECEMBRE
1986DIOXYDE 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				MEANS ---- MOYENNES			
				INTERVALS - INTERVALLES				24-HOUR / HEURES			
				1-HOUR / HEURE							
				70	95	99	MAX	70	95	99	MAX
10101C	ST. JOHN'S, NFLD. DUCKWORTH & ORDINANCE	691	0.9	1	4	6	11	1	3	5	5
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	642	0.3	0	1	3	4	0	1	2	2
30115I	HALIFAX, N.S. CFB SHEARWATER	701	0.9	1	4	6	9	1	3	3	3
30117C	BEDFORD ROW POST OFFICE	668	1.1	1	3	5	8	2	2	2	3
30310C	SYDNEY, N.S. COUNTY JAIL	395	0.1	0	1	2	2	0	0	0	0
30311R	WHITNEY PIER FIRE STN.	740	0.3	0	1	9	10	0	1	6	6
30409R	GLACE BAY, N.S. SOUTH STREET	0	---	-	-	-	-	-	-	-	-
40202C	SAINT JOHN, N.B. POST OFFICE	0	---	-	-	-	-	-	-	-	-
50102R	MONTREAL, QUEBEC JARDIN BOTANIQUE	729	0.5	1	2	2	3	1	1	1	2
50103R	POINTE-AUX-TREMBLES	741	1.5	2	5	8	11	2	4	5	5
50104C	1125 ONTARIO EST	0	---	-	-	-	-	-	-	-	-
50109C	DUNCAN & DECARIE	0	---	-	-	-	-	-	-	-	-
50110C	PARC PILON, MTL.-NORD	733	0.6	1	2	3	6	1	2	2	2
50112C	BOUL. LAURENTIDES	0	---	-	-	-	-	-	-	-	-
50113R	PIE X & CARDINAL	0	---	-	-	-	-	-	-	-	-
50115C	1001 BOUL MAISONNEUVE O.	742	1.6	2	3	5	7	2	3	3	3
50116R	3161 JOSEPH, VERDUN	740	0.5	1	2	2	5	1	1	2	2
50117R	7405 CHAMPAGNEUR	680	0.9	1	2	4	5	1	2	2	2
50118R	820 ST. GERMAIN	677	0.4	1	2	3	4	1	1	2	3
50119R	699 CURÉ POIRIER	0	---	-	-	-	-	-	-	-	-
50203R	HULL, QUEBEC GAMÉLIN & JOFFRE	692	0.7	1	2	2	2	1	2	2	2
50303I	QUEBEC, QUEBEC CENTRE LOISIRS LIMOILLOU	0	---	-	-	-	-	-	-	-	-
50306R	2026 BLVD. ST-CYRILLE	0	---	-	-	-	-	-	-	-	-
50307C	PARC CARTIER BREBŒUF	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. MARGUETTE	0	---	-	-	-	-	-	-	-	-
60101C	OTTAWA, ONT. 88 SLATER ST.	710	0.7	1	1	2	2	1	1	1	1
60104C	RIDEAU & WURTEMBERG	714	0.1	0	1	1	6	0	1	1	1
60204C	WINDSOR, ONT. 471 UNIVERSITY AVENUE	685	1.0	1	3	5	8	1	2	3	3
60211R	COLLEGE & PRINCE	717	0.9	1	3	5	8	1	2	3	3
60212I	WATER & WRIGHT AVE.	744	0.8	1	2	4	10	1	2	2	2
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	637	0.6	1	1	2	7	1	1	1	1
60403I	EVANS & ARNOLD	699	0.5	1	2	4	10	1	1	2	2
60409R	REDLANDS CRESCENT	704	0.3	0	1	2	4	0	1	2	2
60410R	LAWRENCE & KENNEDY	711	0.4	0	2	4	7	1	1	2	2
60413R	ELMCREST ROAD	736	0.5	1	2	3	6	1	2	3	3
60415R	QUEENSWAY W & HURONTARIO	732	1.1	2	2	4	4	2	2	2	2
60417C	26 BREADALBANE STREET	720	0.5	1	2	4	7	1	1	2	2
60501C	HAMILTON, ONT. BARTON & SANFORD	684	0.5	1	2	3	10	1	1	3	3
60511R	467 BEACH BLVD.	678	1.5	2	5	7	12	2	4	5	5
60602R	SUDBURY, ONT. ASH STREET	684	0.5	0	3	5	9	1	1	2	2
60606C	KENNEDY STREET	682	0.6	0	3	8	22	1	2	4	5

--- 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
1986DIOXYDE 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				MEANS ---- MOYENNES			
				INTERVALS - INTERVALLES				24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX
60706I	SAULT STE. MARIE, ONT. FARWELL PUMP HOUSE	740	0.7	1	2	3	6	1	2	3	3
60806R	THUNDER BAY, ONT. 435 JAMES S.	0	---	-	-	-	-	-	-	-	-
60807R	615 JAMES STREET SOUTH	736	0.0	0	0	1	1	0	0	0	0
60901C	LONDON, ONT. KING & RECTORY	706	0.4	0	2	3	4	0	2	2	3
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	701	0.8	1	4	10	17	1	3	5	5
61103C	PETERBOROUGH, ONT. 500 GEORGE STREET	742	0.2	0	1	1	3	0	1	1	1
61201R	CORNWALL, ONT. MEMORIAL PARK	705	0.9	1	4	7	8	1	3	5	5
61301C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	0	---	-	-	-	-	-	-	-	-
61501C	KITCHENER, ONT. EDNA & FREDERICK	400	0.1	0	1	1	2	0	0	0	0
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	719	0.7	1	3	7	9	1	2	3	4
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	723	0.4	1	2	2	10	1	1	2	2
61802R	GUELPH, ONT. EXHIBITION PARK	736	0.4	1	2	2	3	1	2	2	2
70118R	WINNIPEG, MAN. JEFFERSON & SCOTIA	705	0.0	0	0	0	1	0	0	0	0
70119C	65 ELLEN STREET	546	0.1	0	0	2	3	0	0	0	0
80110C	REGINA, SASK. 2505 11TH. AVENUE	734	0.0	0	0	1	2	0	0	0	0
80209C	SASKATOON, SASK. IDYLLWYLD DR. & 33RD ST.	736	0.0	0	0	0	0	0	0	0	0
80501C	ESTEVAN, SASK. 1 ST. & 14TH AVE.	735	0.1	0	0	0	1	0	0	0	0
80601C	LLOYDMINSTER, SASK. 44TH ST. & 48TH AVE.	736	0.0	0	0	0	1	0	0	0	0
90121I	EDMONTON, ALTA. 17 STREET & 105 AVENUE	725	0.4	1	1	1	2	1	1	1	1
90218I	CALGARY, ALTA. SONNY BRK & 18A ST. S.E.	737	0.5	1	1	2	4	1	1	1	1
00110R	VANCOUVER, B.C. E. HASTINGS & KENSINGTON	723	1.0	1	2	3	7	1	2	2	2
00111I	ROCKY PT. PARK	723	0.5	1	2	3	6	1	1	2	2
00112C	ROBSON/HORNBY	723	0.9	1	2	3	7	1	2	2	2
00118R	2550 WEST 10TH AVENUE	721	0.6	1	2	2	3	1	2	2	2
00303C	VICTORIA, B.C. 1250 QUADRA ST.	706	0.8	1	2	3	5	1	1	2	2
00401C	KAMLOOPS, B.C. 301 SEYMOUR ST.	708	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
1986MONOXYDE 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											
				INTERVALS - INTERVALLES				MEANS				MOYENNES			
				1-HOUR / HEURE				8-HOUR / HEURES				24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX	70	95	99	MAX
10101C	ST. JOHN'S, NFLD. DUCKWORTH & ORDINANCE	742	1.0	1	3	8	13	1	3	7	10	1	3	6	6
30117C	HALIFAX, N.S. BEDFORD ROW POST OFFICE	0	---	-	-	-	-	-	-	-	-	-	-	-	-
40202C	SAINT JOHN, N.B. POST OFFICE	744	0.8	1	3	5	10	1	3	4	5	1	2	3	3
50102R	MONTREAL, QUEBEC JARDIN BOTANIQUE	744	1.1	1	3	3	6	1	2	3	4	1	2	3	3
50103R	POINTE-AUX-TREMBLES	741	0.6	1	2	3	9	1	2	3	4	1	1	2	2
50104C	1125 ONTARIO EST	0	---	-	-	-	-	-	-	-	-	-	-	-	-
50109C	DUNCAN & DECARIE	744	1.4	2	4	6	9	2	3	5	6	2	3	4	4
50110C	PARC PILON, MTL.-NORD	0	---	-	-	-	-	-	-	-	-	-	-	-	-
50112C	BOUL. LAURENTIDES	0	---	-	-	-	-	-	-	-	-	-	-	-	-
50113R	PIE X & CARDINAL	0	---	-	-	-	-	-	-	-	-	-	-	-	-
50115C	1001 BOUL MAISONNEUVE O.	735	2.0	3	4	6	10	3	4	6	7	2	3	4	4
50116R	3161 JOSEPH, VERDUN	739	0.5	1	1	2	3	1	1	2	2	1	1	1	1
50119R	699 CURE POIRIER	0	---	-	-	-	-	-	-	-	-	-	-	-	-
50203R	HULL, QUEBEC GAMBLIN & JOFFRE	740	0.8	1	2	3	4	1	2	2	3	1	1	1	2
50307C	QUEBEC, QUEBEC PARC CARTIER BREBOEUF	0	---	-	-	-	-	-	-	-	-	-	-	-	-
60101C	OTTAWA, ONT. 88 SLATER ST.	671	1.6	2	4	6	7	2	3	5	5	2	3	3	3
60104C	RIDEAU & WURTEMBERG	488	***	0	1	1	2	0	1	1	1	0	1	1	1
60204C	WINDSOR, ONT. 471 UNIVERSITY AVENUE	662	0.9	1	3	5	7	1	2	4	5	1	2	3	3
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	650	1.1	1	2	3	3	1	2	3	3	1	2	2	2
60403I	EVANS & ARNOLD	721	1.2	1	2	4	5	1	2	3	4	1	2	2	2
60410R	LAWRENCE & KENNEDY	723	1.2	1	2	4	6	1	2	3	3	1	2	2	2
60413R	ELMCREST ROAD	738	1.1	1	2	3	4	1	2	2	3	1	2	2	2
60415R	QUEENSWAY W & HURONTARIO	736	1.5	2	3	6	9	2	3	4	5	2	2	3	3
60416C	381 YONGE STREET	692	2.3	3	5	7	11	3	5	6	7	3	4	4	4
60417C	26 BREADALBANE STREET	654	1.0	1	2	2	3	1	2	2	2	1	2	2	2
60501C	HAMILTON, ONT. BARTON & SANFORD	687	1.0	1	2	4	7	1	2	3	4	1	2	3	3
60511R	467 BEACH BLVD.	683	***	1	1	2	3	1	1	1	2	1	1	1	1
60602R	SUDBURY, ONT. ASH STREET	721	***	0	1	1	4	0	1	1	2	0	1	1	1
60706I	SAULT STE. MARIE, ONT. FARWELL PUMP HOUSE	740	1.0	1	3	4	6	1	2	3	4	1	2	2	2
60807R	THUNDER BAY, ONT. 515 JAMES STREET SOUTH	731	0.8	1	3	5	9	1	2	3	4	1	2	2	2
60901C	LONDON, ONT. KING & RECTORY	711	***	1	2	3	7	1	1	2	3	1	1	1	1
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	701	***	0	1	2	4	0	1	2	3	0	0	2	2
61201R	CORNWALL, ONT. MEMORIAL PARK	697	***	0	2	3	8	0	1	2	4	0	1	2	2
61301C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	0	---	-	-	-	-	-	-	-	-	-	-	-	-
61501C	KITCHENER, ONT. EDNA & FREDERICK	83	---	1	3	4	4	1	3	3	3	1	1	1	1
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	608	1.5	2	4	6	7	2	3	3	4	2	2	3	3
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	714	0.9	1	2	4	7	1	2	3	3	1	2	2	2
70118R	WINNIPEG, MAN. JEFFERSON & SCOTIA	708	0.6	1	2	4	5	1	2	4	4	1	2	3	3
70119C	65 ELLEN STREET	502	1.0	1	3	3	5	1	2	3	3	1	2	2	2
80110C	REGINA, SASK. 2505 11TH. AVENUE	0	---	-	-	-	-	-	-	-	-	-	-	-	-

*** 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 MILLIONDECEMBER - DECEMBRE
1986MONOXYDE 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											
				INTERVALS - INTERVALLES				MEANS ----- MOYENNES							
				1-HOUR / HEURE				8-HOUR / HEURES				24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX	70	95	99	MAX
80209C	SASKATOON, SASK. IDYLWYLD DR. & 33RD ST.	736	0.6	1	2	3	5	1	2	3	3	1	1	2	2
	EDMONTON, ALTA.														
90121I	17 STREET & 105 AVENUE	725	0.8	1	2	3	5	1	2	2	3	1	2	2	2
90122R	127 ST. & 133 AVENUE	742	2.2	3	6	10	21	3	5	8	11	3	4	5	6
90130C	10255 - 104TH STREET	738	2.2	3	5	8	16	3	5	6	7	3	3	4	4
	CALGARY, ALTA.														
90222R	39 ST. & 29 AVE. N.W.	740	1.0	1	3	6	18	1	3	5	9	1	2	4	4
90227C	1611-4TH STREET S.W.	737	2.3	2	7	12	18	3	6	9	13	3	5	5	5
	VANCOUVER, B.C.														
00108I	250 WEST 70TH AVENUE	723	2.3	3	8	12	14	3	7	9	11	3	6	7	7
00110R	E. HASTINGS & KENSINGTON	728	0.9	1	3	4	6	1	3	3	4	1	2	3	3
00111I	ROCKY PT. PARK	636	1.8	2	6	8	10	2	5	6	8	3	5	5	6
00112C	ROBSON/HORNBY	724	3.0	4	8	9	11	4	6	7	8	4	6	6	7
00118R	2550 WEST 10TH AVENUE	705	2.4	3	8	11	15	3	6	8	9	3	6	6	7
	VICTORIA, B.C.														
00303C	1250 QUADRA ST.	0	---	-	-	-	-	-	-	-	-	-	-	-	-
	WHITEHORSE, YUKON														
09001C	FEDERAL BUILDING	736	1.5	2	6	10	16	2	5	8	12	2	4	5	5

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

NITROGEN DIOXIDE
 PARTS PER HUNDRED MILLION

 DECEMBER - DECEMBRE
 1986

 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
30115I	HALIFAX, N.S.										
30117C	CPS SHEARWATER	532	***	1	2	2	2	1	1	1	1
	BEDFORD ROW POST OFFICE	0	---	-	-	-	-	-	-	-	-
40202C	SAINT JOHN, N.B.										
	POST OFFICE	744	***	1	3	4	5	1	2	3	3
50102R	MONTREAL, QUEBEC										
50102R	JARDIN BOTANIQUE	743	2.2	3	4	5	5	3	3	3	4
50104C	1125 ONTARIO EST	0	---	-	-	-	-	-	-	-	-
50109C	DUNCAN & DECARIE	0	---	-	-	-	-	-	-	-	-
50110C	PARC PILON, MTL.-NORD	743	1.7	2	3	4	7	2	3	4	4
50112C	BOUL. LAURENTIDES	0	---	-	-	-	-	-	-	-	-
50113R	PIE X & CARDINAL	0	---	-	-	-	-	-	-	-	-
50115C	1001 BOUL MAISONNEUVE O.	742	3.4	4	5	6	9	4	4	5	5
50116R	3161 JOSEPH, VERDUN	0	---	-	-	-	-	-	-	-	-
50119R	699 CURE POIRIER	0	---	-	-	-	-	-	-	-	-
50203R	HULL, QUEBEC										
	GAMBLIN & JOFFRE	741	1.9	3	4	4	5	2	3	3	3
50307C	QUEBEC, QUEBEC										
	PARC CARTIER BREBOEUF	0	---	-	-	-	-	-	-	-	-
60101C	OTTAWA, ONT.										
60101C	88 SLATER ST.	727	3.4	4	5	5	6	4	4	4	4
60104C	RIDEAU & WURTEMBERG	716	1.6	2	3	4	8	2	3	3	3
60204C	WINDSOR, ONT.										
	471 UNIVERSITY AVENUE	717	2.6	3	4	5	7	3	4	4	4
60402R	TORONTO, ONT.										
60402R	DON MILLS, SCIENCE CNTR	732	2.4	3	3	4	4	3	3	3	3
60403I	EVANS & ARNOLD	721	3.0	4	5	5	6	4	4	5	5
60410R	LAWRENCE & KENNEDY	726	1.9	3	4	5	6	2	3	3	3
60413R	ELMCREST ROAD	733	2.3	3	4	5	6	3	3	3	3
60415R	QUEENSWAY W & HURONTARIO	704	2.2	2	4	4	5	3	3	4	4
60417C	26 BREADALBANE STREET	706	2.6	3	4	5	6	3	3	4	4
60501C	HAMILTON, ONT.										
60501C	BARTON & SANFORD	685	2.9	3	5	5	6	3	5	5	5
60511R	467 BEACH BLVD.	593	2.1	3	3	4	7	3	3	3	4
60706I	SAULT STE. MARIE, ONT.										
	FARWELL PUMP HOUSE	740	2.0	2	4	6	12	2	4	4	4
60807R	THUNDER BAY, ONT.										
	615 JAMES STREET SOUTH	0	---	-	-	-	-	-	-	-	-
60901C	LONDON, ONT.										
	KING & RECTORY	711	2.2	3	3	4	5	3	3	3	4
61004R	SARNIA, ONT.										
	FRONT ST. AT C.N. TRACKS	678	1.7	2	3	5	7	2	3	4	4
61201R	CORNWALL, ONT.										
	MEMORIAL PARK	713	1.2	2	3	4	4	2	3	3	3
61301C	ST. CATHARINES, ONT.										
	NORTH ST. & GENEVA ST.	0	---	-	-	-	-	-	-	-	-
61501C	KITCHENER, ONT.										
	EDNA & FREDERICK	657	2.4	3	4	4	5	3	3	4	4
61602R	OAKVILLE, ONT.										
	BRONTE AND WOBURN CRES.	653	2.0	3	4	5	5	2	3	4	4
61701R	OSHAWA, ONT.										
	RITSON RD. & OLIVE AVE.	727	2.0	2	4	4	6	2	3	3	3
70118R	WINNIPEG, MAN.										
70118R	JEFFERSON & SCOTIA	704	2.0	3	4	5	6	2	3	4	4
70119C	65 ELLEN STREET	663	1.7	2	3	3	4	2	3	3	3
80110C	REGINA, SASK.										
	2505 11TH AVENUE	735	2.5	3	4	4	6	3	3	3	3
80209C	SASKATOON, SASK.										
	IDYLLWYLD DR. & 33RD ST.	736	2.0	2	3	4	6	2	3	3	3
90122R	EDMONTON, ALTA.										
90122R	127 ST. & 133 AVENUE	728	3.1	4	5	8	10	4	4	5	5
90130C	10255 - 104TH STREET	528	3.5	4	6	8	13	4	5	5	5

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

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

NITROGEN DIOXIDE
PARTS PER HUNDRED MILLION

DECEMBER - DECEMBRE
1986

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			
				INTERVALS - INTERVALLES				MEANS ---- MOYENNES			
				1-HOUR / HEURE				24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX
	CALGARY, ALTA.										
90222R	39 ST. & 29 AVE. N.W.	735	2.6	3	5	6	7	3	4	4	4
90227C	1611-4TH STREET S.W.	734	3.9	4	5	7	11	4	5	5	5
	VANCOUVER, B.C.										
00108I	250 WEST 70TH AVENUE	0	---	-	-	-	-	-	-	-	-
00110R	E. HASTINGS & KENSINGTON	727	2.2	3	4	6	11	3	4	4	4
00111I	ROCKY PT. PARK	725	2.4	3	4	6	8	3	3	4	5
00112C	ROBSON/HORNBY	720	2.9	3	5	7	9	3	4	5	6
00118R	2550 WEST 10TH AVENUE	708	4.0	4	7	9	11	5	6	7	7
	VICTORIA, B.C.										
00303C	1250 QUADRA ST.	0	---	-	-	-	-	-	-	-	-
	WHITEHORSE, YUKON										
09001C	FEDERAL BUILDING	740	1.4	2	3	4	7	2	2	3	3

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

OSIOME
PARTS PER HUNDRED MILLIONDECEMBER - DECEMBRE
1986OSIOME
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.	695	1.7	2	3	3	4	2	2	3	3
30117C	CPB SHEARWATER	0	---	-	-	-	-	-	-	-	-
	BEDFORD ROW POST OFFICE										
30501R	KEJINKUJIK, N.S.	566	2.3	3	3	3	3	3	3	3	3
	NATIONAL PARK										
30601R	FALL RIVER, N.S.	726	2.1	3	3	4	4	3	3	3	3
	123 OAKES ROAD										
40202C	SAINT JOHN, N.B.	183	---	2	3	4	4	2	3	3	3
	POST OFFICE										
50102R	MONTREAL, QUEBEC	714	0.7	1	2	3	7	1	2	2	2
50103R	JARDIN BOTANIQUE	741	0.9	1	2	3	4	1	2	3	3
50104C	POINTE-AUX-TREMBLES	0	---	-	-	-	-	-	-	-	-
50109C	1125 ONTARIO EST	657	---	1	2	2	2	1	1	1	2
50110C	DUNCAN & DECARIE	733	0.7	1	2	2	3	1	2	2	2
50112C	PARC PILON, MTL.-NORD	0	---	-	-	-	-	-	-	-	-
50113R	BOUL. LAURENTIDES	0	---	-	-	-	-	-	-	-	-
50115C	PIE X & CARDINAL	742	---	1	1	2	3	1	1	1	1
50116R	1001 BOUL MAISONNEUVE O.	739	0.7	1	2	4	13	1	2	3	3
50119R	3161 JOSEPH, VERDUN	0	---	-	-	-	-	-	-	-	-
	699 CURE POIRIER										
50306R	QUEBEC, QUEBEC	0	---	-	-	-	-	-	-	-	-
50307C	2026 BLVD. ST-CYRILLE	0	---	-	-	-	-	-	-	-	-
	PARC CARTIER BREBOEUF										
51401R	ST. ETIENNE, QUEBEC	0	---	-	-	-	-	-	-	-	-
	135 DUPUIS										
60101C	OTTAWA, ONT.	727	0.5	1	2	2	3	1	1	1	1
60104C	88 SLATER ST.	711	1.1	2	3	3	4	1	2	2	3
	RIDEAU & WURTEMBERG										
60204C	WINDSOR, ONT.	714	---	1	2	2	4	1	1	2	2
	471 UNIVERSITY AVENUE										
60402R	TORONTO, ONT.	616	---	1	1	2	2	1	1	1	1
60403I	DON MILLS, SCIENCE CNTR	717	---	1	2	2	2	1	1	2	2
60410R	EVANS & ARNOLD	715	0.6	1	2	2	4	1	2	2	2
60413R	LAWRENCE & KENNEDY	677	0.7	1	2	3	3	1	1	2	2
60415R	ELMCREST ROAD	725	0.7	1	2	2	3	1	1	1	2
60417C	QUEENSWAY W & HURONTARIO	716	0.6	1	2	2	3	1	1	1	1
	26 BREADALBANE STREET										
60501C	HAMILTON, ONT.	626	0.5	1	2	2	3	1	1	2	2
	BARTON & SANFORD										
60602R	SUDBURY, ONT.	724	1.1	2	2	3	3	1	2	2	2
	ASH STREET										
60706I	SAULT STE. MARIE, ONT.	740	1.0	1	2	2	2	1	2	2	2
	FARWELL PUMP HOUSE										
60806R	THUNDER BAY, ONT.	0	---	-	-	-	-	-	-	-	-
60807R	435 JAMES S.	723	1.3	2	3	3	3	2	2	2	3
	615 JAMES STREET SOUTH										
60901C	LONDON, ONT.	711	0.6	1	2	2	3	1	2	2	2
	KING & RECTORY										
61004R	SARNIA, ONT.	702	0.9	1	3	3	4	1	2	3	3
	FRONT ST. AT C.N. TRACKS										
61201R	CORNWALL, ONT.	705	1.3	2	3	3	4	2	2	3	3
	MEMORIAL PARK										
61301C	ST. CATHARINES, ONT.	0	---	-	-	-	-	-	-	-	-
	NORTH ST. & GENEVA ST.										
61501C	KITCHENER, ONT.	685	0.8	1	2	2	3	1	2	2	2
	EDNA & FREDERICK										
61602R	OAKVILLE, ONT.	728	0.9	2	3	3	3	1	2	2	2
	BRONTE AND WOBURN CRES.										
61701R	OSHAWA, ONT.	722	0.8	1	2	3	3	1	2	2	2
	RITSON RD. & OLIVE AVE.										
61802R	GUELPH, ONT.	738	1.5	2	3	3	4	2	3	3	3
	EXHIBITION PARK										

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

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

OZONE PARTS PER HUNDRED MILLION		DECEMBER - DECEMBRE 1986		OZONE 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 FREQUENCE MEANS ---- MOYENNES					
				1-HOUR / HEURE				24-HOUR / HEURES					
				70	95	99	MAX	70	95	99	MAX		
70118R	WINNIPEG, MAN.												
70119C	JEFFERSON & SCOTIA 65 ELLEN STREET	707 563	1.6 1.0	2 1	3 2	3 3	3 3	2 1	3 2	3 2	3 2	3 2	
80110C	REGINA, SASK. 2505 11TH. AVENUE	734	1.1	1	2	3	3	1	2	2	2	2	
80209C	SASKATOON, SASK. IDYLYWYLD DR. & 33RD ST.	736	1.1	2	2	3	3	1	2	2	2	2	
90122R	EDMONTON, ALTA. 127 ST. & 133 AVENUE	691	0.9	1	3	4	4	1	3	4	4	4	
90130C	10255 - 104TH STREET	739	0.9	1	2	3	4	1	2	3	3	3	
90222R	CALGARY, ALTA. 39 ST. & 29 AVE. N.W.	739	2.0	3	4	4	5	2	3	3	3	3	
90227C	1611-4TH STREET S.W.	739	0.7	1	2	3	3	1	1	2	2	2	
00108I	VANCOUVER, B.C. 250 WEST 70TH AVENUE	720	***	0	2	2	3	0	1	1	1	2	
00110R	E. HASTINGS & KENSINGTON	716	0.7	1	2	3	3	1	2	2	2	2	
00111I	ROCKY PT. PARK	723	***	0	2	2	3	0	1	1	1	2	
00112C	ROBSON/HORNEY	735	***	0	1	1	2	0	0	1	1	1	
00118R	2550 WEST 10TH AVENUE	726	***	0	1	3	3	0	1	1	1	2	
00303C	VICTORIA, B.C. 1250 QUADRA ST.	704	0.8	1	2	3	4	1	2	2	2	2	
00601C	PENTICTON, B.C. 400 CARMI AVE.	0	---	-	-	-	-	-	-	-	-	-	

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

SOILING INDEX
CON UNITS PER 1000 LINEAR FT.DECEMBER - DECEMBRE
1986INDICE DE SOUILLURE
UNITES CON 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										
50110C	DUNCAN & DECARIE	207	****	0.0	0.1	0.1	0.2	0.0	0.1	0.1	0.1
50115C	PARC PILON, MTL.-NORD	363	****	0.0	0.1	0.1	0.2	0.0	0.1	0.1	0.1
50116R	1001 BOUL MAISONNEUVE O.	367	****	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1
	3161 JOSEPH, VERDUN	0	----	-	-	-	-	-	-	-	-
50203R	HULL, QUEBEC										
	GAMBLIN & JOFFRE	372	0.24	0.3	0.6	0.9	1.1	0.3	0.4	0.4	0.5
50801R	TROIS-RIVIERES, QUEBEC										
	HART & STE-CECILE	0	----	-	-	-	-	-	-	-	-
51201I	SHAWINIGAN, QUEBEC										
	FRIGON & LAVAL	0	----	-	-	-	-	-	-	-	-
60101C	OTTAWA, ONT.										
60104C	88 SLATER ST.	372	0.39	0.5	1.0	1.5	2.5	0.5	0.7	0.8	0.8
	RIDEAU & WURTEMBURG	689	(1) 0.21	0.3	0.5	0.7	1.1	0.3	0.4	0.4	0.4
60204C	WINDSOR, ONT.										
60211R	471 UNIVERSITY AVENUE	702	(1) 0.51	0.5	1.4	1.8	2.9	0.5	1.2	1.7	1.7
	COLLEGE & PRINCE	701	(1) 0.44	0.5	1.0	1.7	3.1	0.5	1.0	1.4	1.5
60403I	TORONTO, ONT.										
60410R	EVANS & ARNOLD	701	(1) 0.49	0.6	1.0	1.6	1.9	0.5	0.9	1.0	1.0
60417C	LAWRENCE & KENNEDY	732	(1) 0.38	0.4	0.8	1.5	3.1	0.5	0.7	0.9	0.9
	26 BREADALBANE STREET	727	(1) 0.36	0.4	0.8	1.1	1.4	0.4	0.7	0.8	0.8
60501C	HAMILTON, ONT.										
60511R	BARTON & SANFORD	667	(1) 0.53	0.7	1.3	1.8	2.3	0.6	1.1	1.4	1.4
	467 BEACH BLVD.	678	(1) 0.41	0.5	0.8	1.1	1.4	0.5	0.6	0.7	0.7
60602R	SUDSBURY, ONT.										
	ASH STREET	726	(1) 0.19	0.3	0.5	0.7	0.9	0.3	0.4	0.5	0.5
60706I	SAULT STE. MARIE, ONT.										
	FARWELL PUMP HOUSE	739	(1) ****	0.1	0.2	0.2	0.3	0.1	0.1	0.1	0.1
60806R	THUNDER BAY, ONT.										
60807R	435 JAMES S.	0	----	-	-	-	-	-	-	-	-
	615 JAMES STREET SOUTH	0	----	-	-	-	-	-	-	-	-
60901C	LONDON, ONT.										
	KING & RECTORY	700	(1) 0.42	0.5	1.0	1.5	1.9	0.5	0.9	1.3	1.3
61004R	SARNIA, ONT.										
	FRONT ST. AT C.N. TRACKS	693	(1) 0.41	0.5	1.0	2.1	2.7	0.5	1.1	1.8	1.9
61201R	CORNWALL, ONT.										
	MEMORIAL PARK	702	(1) ****	0.1	0.2	0.3	0.6	0.1	0.2	0.2	0.2
61301C	ST. CATHARINES, ONT.										
	NORTH ST. & GENEVA ST.	0	----	-	-	-	-	-	-	-	-
61602R	OAKVILLE, ONT.										
	BRONTE AND WOBURN CRES.	696	(1) 0.42	0.5	1.1	1.5	1.6	0.5	0.9	1.3	1.4
61701R	OSHAWA, ONT.										
	RITSON RD. & OLIVE AVE.	702	(1) 0.45	0.5	1.0	1.4	2.3	0.5	0.8	0.9	0.9
70118R	WINNIPEG, MAN.										
70119C	JEFFERSON & SCOTIA	259	****	0.1	0.3	0.6	0.9	0.1	0.2	0.4	0.4
	65 ELLEN STREET	339	0.11	0.1	0.3	0.4	0.4	0.1	0.2	0.3	0.3
90122R	EDMONTON, ALTA.										
90130C	127 ST. & 133 AVENUE	699	(1) 0.43	0.5	1.2	1.7	3.0	0.5	0.9	1.0	1.1
	10255 - 104TH STREET	744	(1) 0.31	0.4	0.8	1.1	2.1	0.4	0.5	0.6	0.6
90218I	CALGARY, ALTA.										
90222R	BONNY BRK & 18A ST. S.E.	744	(1) 0.40	0.5	1.2	2.4	2.5	0.5	0.9	1.0	1.1
90227C	39 ST. & 29 AVE. N.W.	744	(1) 0.14	0.1	0.6	0.8	1.7	0.2	0.3	0.5	0.5
	1611-8TH STREET S.W.	744	(1) 0.33	0.4	0.9	1.6	1.9	0.4	0.6	0.7	0.7
00102R	VANCOUVER, B.C.										
00108I	100 RICHMOND STREET	0	----	-	-	-	-	-	-	-	-
00110R	250 WEST 70TH AVENUE	370	0.35	0.4	1.1	1.5	1.8	0.5	0.9	1.0	1.1
00111I	E. HASTINGS & KENSINGTON	372	0.18	0.2	0.6	0.9	1.1	0.2	0.4	0.5	0.6
00112C	ROCKY PT. PARK	256	0.22	0.3	0.6	1.0	1.0	0.3	0.6	0.7	0.7
00118R	ROBSON/HORNBY	372	0.35	0.4	1.0	1.4	1.6	0.4	0.8	0.9	1.0
	2550 WEST 10TH AVENUE	0	----	-	-	-	-	-	-	-	-

(1) BASED ON 1-HOUR READINGS
DONNEES INITIALES D'UNE HEURE**** CALCULATED MEANS ARE BELOW 0.1
LES MOYENNES SONT INFERIEURES A 0.1----- INSUFFICIENT DATA FOR CALCULATION OF A VALID MEAN.
IL N'Y A PAS ASSEZ DE DONNEES POUR CALCULER UNE MOYENNE VALABLE.

SOILING INDEX
COH UNITS PER 1000 LINEAR FT.

DECEMBER - DECEMBRE
1986

INDICE 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
00202C	PRINCE GEORGE, B.C. 1011 4TH AVENUE	372	0.14	0.2	0.5	0.8	1.0	0.2	0.3	0.4	0.4
00303C	VICTORIA, B.C. 1250 QUADRA ST.	0	----	-	-	-	-	-	-	-	-

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

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
1986
PLOMB ET PARTICULES EN SUSPENSION
MICROGRAMMES PAR METRE CUBE

STATION	LOCATION EMPLACEMENT	*----- PARTICULATES / PARTICULES -----*						*----- LEAD / PLOMB -----*					
		----- DAY / JOUR -----					MEAN MOYENNE	*----- DAY / JOUR -----*					MEAN MOYENNE
		4	10	16	22	28		4	10	16	22	28	
10101C	ST. JOHN'S, Nfld. DUCKWORTH & ORDINANCE	-	-	-	-	-	-	-	-	-	-	-	-
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	25	15	-	-	41	27	0.0	0.1	-	-	0.2	0.1
30101C	HALIFAX, N.S.												
30102R	N.S. TECHNICAL COLLEGE	39	40	47	39	-	41	0.0	0.0	0.1	0.1	-	0.1
30115I	DALHOUSIE UNIVERSITY	22	16	27	23	17	21	0.0	0.0	0.0	0.1	0.0	0.0
	CPB SHEARWATER	18	13	18	22	7	16	0.0	0.0	0.0	0.0	0.0	0.0
30310C	SYDNEY, N.S.												
30311R	COUNTY JAIL	55	-	95	-	39	63	0.2	-	0.4	-	0.1	0.2
	WHITNEY PIER FIRE STN.	140	-	157	75	80	113	0.1	-	0.2	0.2	0.1	0.2
30409R	GLACE BAY, N.S.												
	SOUTH STREET	-	-	-	52	55	-	-	-	-	0.0	0.0	-
40102C	FREDERICTON, N.B.												
	YORK STREET	34	67	126	60	93	76	0.0	0.2	0.3	0.2	0.2	0.2
40201C	SAINT JOHN, N.B.												
	110 CHARLOTTE STREET	160	46	96	50	42	79	0.0	0.1	0.1	0.1	0.0	0.1
50102R	MONTREAL, QUEBEC												
50103R	JARDIN BOTANIQUE	51	-	41	31	34	39	0.0	-	0.0	0.0	0.1	0.0
50104C	POINTE-AUX-TREMBLES	69	66	103	48	94	76	-	-	-	-	-	-
50109C	1125 ONTARIO EST	-	40	45	78	-	54	-	0.2	0.2	0.1	-	0.2
50110C	DUNCAN & DECARIE	183	102	60	106	141	118	0.4	0.5	0.2	0.5	0.7	0.5
50112C	PARC PILON, MTL.-NORD	37	66	69	43	42	51	-	-	-	-	-	-
50113R	BOUL. LAURENTIDES	-	-	-	-	-	-	0.0	0.1	0.1	0.0	0.1	0.1
50116R	PIE X & CARDINAL	-	-	-	-	-	-	0.0	0.0	0.2	0.0	0.1	0.1
50119R	3161 JOSEPH, VERDUN	76	40	69	41	45	54	0.2	0.2	0.2	0.1	0.2	0.2
	699 CURE POIRIER	-	-	-	-	-	-	0.1	0.1	0.1	0.1	-	0.1
50203R	HULL, QUEBEC												
	GAMBLIN & JOFFRE	16	23	28	26	27	24	0.0	0.1	0.1	0.0	0.2	0.1
50303I	QUEBEC, QUEBEC												
50306R	CENTRE LOISIRS LIMOILLOU	-	-	-	-	-	-	-	0.2	0.5	0.5	0.1	0.3
50307C	2026 BLVD. ST-CYRILLE	-	-	-	-	-	-	-	0.2	0.4	0.3	0.1	0.3
	PARC CARTIER BREBIEUF	-	-	-	-	-	-	-	0.3	0.7	0.7	0.2	0.5
50403C	SHERBROOKE, QUEBEC												
	WELLINGTON & ALBERT	-	-	-	-	-	-	0.1	0.1	0.2	0.1	0.1	0.1
50502R	CHICOUTIMI, QUEBEC												
50503C	USINE DE FILTRATION	-	-	-	-	-	-	-	-	0.3	-	0.2	-
	222 RACINE	-	-	-	-	-	-	-	-	0.4	0.2	0.2	0.3
50601C	ROUYN, QUEBEC												
	HOTEL DE VILLE	-	-	-	-	-	-	0.1	0.2	0.2	0.1	0.1	0.1
50701C	SEPT-ILES, QUEBEC												
	HOTEL DE VILLE	-	-	-	-	-	-	-	0.2	0.2	0.1	0.1	0.2
50801R	TROIS-RIVIERES, QUEBEC												
	HART & STE-CECILE	-	-	-	-	-	-	-	0.1	0.3	0.2	-	0.2
50901R	ARVIDA, QUEBEC												
	POWELL & HOOPES	-	-	-	-	-	-	-	0.1	0.4	0.2	0.2	0.2
51201I	SHAWINIGAM, QUEBEC												
	FRIGON & LAVAL	-	-	-	-	-	-	0.1	0.2	0.2	0.1	-	0.2
51301R	BAIE COMEAU, QUEBEC												
	39 AVE. MARGUERITE	-	-	-	-	-	-	-	-	-	-	-	-
60101C	OTTAWA, ONT.												
60104C	88 SLATER ST.	51	50	50	58	33	48	0.2	0.3	0.2	0.2	0.2	0.2
	RIDEAU & WURTEMBERG	28	30	23	39	61	36	0.1	0.2	0.1	0.2	0.2	0.1
60202C	WINDSOR, ONT.												
60203R	CITY HALL	47	66	138	-	56	77	0.1	0.1	0.4	-	0.1	0.2
60204C	TECUMSEH WATER WORKS	37	56	109	72	40	63	0.2	0.1	0.6	0.3	0.0	0.2
60212I	471 UNIVERSITY AVENUE	56	107	146	122	-	108	0.1	0.1	0.6	0.3	-	0.3
	WATER & WRIGHT AVE.	38	50	138	81	48	71	-	-	-	-	-	-
60402R	TORONTO, ONT.												
60403I	DOM MILLS, SCIENCE CNTR	41	32	43	61	15	38	0.1	0.2	0.2	0.2	-	0.2
60409R	EVANS & ARNOLD	-	77	-	90	39	69	-	0.3	-	0.2	0.2	0.2
60410R	REDLANDS CRESCENT	40	39	50	69	40	48	0.1	0.0	-	-	-	-
60413R	LAWRENCE & KENNEDY	58	50	61	66	47	56	0.2	0.1	-	-	-	-
60415R	ELMCREST ROAD	24	-	-	49	-	-	0.2	-	-	-	-	-
60417C	QUEENSWAY W & HURONTARIO	39	-	-	63	20	41	0.0	-	-	0.1	0.0	0.0
	26 BREADALBANE STREET	46	87	61	58	37	58	-	-	0.2	0.2	0.1	0.2
60501C	HAMILTON, ONT.												
60503I	BARTON & SANFORD	38	62	72	82	58	62	0.2	0.2	0.5	0.3	-	0.3
60511R	CHATHAM & FRID	-	-	61	133	46	80	-	-	0.3	0.2	-	-
	467 BEACH BLVD.	96	142	84	139	73	107	0.2	0.2	0.2	0.2	0.2	0.2

SUSPENDED PARTICULATE MATTER AND LEAD
MICROGRAMS PER CUBIC METRE

DECEMBER - DECEMBRE
1986

PLOMB ET PARTICULES EN SUSPENSION
MICROGRAMMES PAR METRE CUBE

STATION	LOCATION EMPLACEMENT	*----- PARTICULATES / PARTICULES -----*						*----- LEAD / PLOMB -----*					
		----- DAY / JOUR -----					MEAN MOYENNE	*----- DAY / JOUR -----*					MEAN MOYENNE
		4	10	16	22	28		4	10	16	22	28	
60602R	SUDBURY, ONT. ASH STREET	21	31	39	35	33	32	0.1	-	-	-	-	-
60605C	19 LISGAR STREET	20	34	28	29	32	29	0.2	0.1	0.2	0.1	0.1	0.1
60706I	SAULT STE. MARIE, ONT. FARWELL PUMP HOUSE	18	32	46	126	-	56	0.1	0.1	0.3	-	-	0.2
60801C	THUNDER BAY, ONT. 14 ALGOMA STREET	49	-	-	39	39	42	0.1	-	-	0.2	0.2	0.2
60806R	435 JAMES S.	-	-	-	-	-	-	-	-	-	-	-	-
60807R	615 JAMES STREET SOUTH	34	20	66	36	57	43	0.3	0.3	0.5	0.3	0.5	0.4
60901C	LONDON, ONT. KING & RECTORY	35	55	83	93	22	58	0.1	0.1	0.5	0.3	0.0	0.2
60902C	372 DUNDAS	-	46	75	72	43	59	-	0.0	0.6	0.1	0.2	0.2
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	26	31	-	49	26	33	0.0	0.0	-	0.0	0.0	0.0
61103C	PETERBOROUGH, ONT. 500 GEORGE STREET	-	-	-	-	-	-	-	-	-	-	-	-
61201R	CORNWALL, ONT. MEMORIAL PARK	-	-	-	-	-	-	-	-	-	-	-	-
61301C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	-	-	-	-	-	-	-	-	-	-	-	-
61501C	KITCHENER, ONT. EDNA & FREDRICK	39	34	66	71	48	52	0.1	0.1	0.9	0.2	0.1	0.3
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	39	-	63	56	39	49	0.1	-	0.3	0.1	0.1	0.2
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	52	34	48	67	48	50	0.0	0.0	0.0	0.0	0.0	0.0
61802R	GUELPH, ONT. EXHIBITION PARK	24	24	38	42	28	31	0.0	0.0	0.1	0.2	0.0	0.1
70102R	WINNIPEG, MAN. PORTAGE & WOODLAWN	45	19	14	21	19	24	0.1	0.1	0.1	0.2	0.1	0.1
70118R	JEFFERSON & SCOTIA	17	26	29	17	18	21	0.1	0.1	0.3	0.1	0.1	0.1
70119C	65 ELLEN STREET	30	22	24	45	28	30	0.2	0.1	0.1	0.1	0.1	0.1
70201C	BRANDON, MAN. 11TH ST. & PRINCESS AVE.	62	16	15	13	14	24	0.5	0.0	0.0	0.1	0.1	0.1
80102R	REGINA, SASK. 3211 ALBERT STREET	13	21	10	15	14	15	0.1	0.1	0.1	0.2	0.1	0.1
80110C	2505 11TH AVENUE	17	26	14	23	16	19	0.2	0.2	0.2	0.4	0.1	0.2
80203R	SASKATOON, SASK. 30TH ST. & 833 P AVE.	42	-	9	-	-	-	0.2	-	0.0	-	-	-
80209C	IDYLWYLD DR. & 33RD ST.	37	25	11	-	-	24	0.1	0.1	0.1	-	-	0.1
80302C	MOOSE JAW, SASK. 110 OMINICA STREET	36	30	19	39	24	30	0.2	0.0	0.0	0.3	0.1	0.1
80501C	ESTEYAN, SASK. 1 ST. & 14TH AVE.	45	-	9	26	19	25	0.0	-	0.0	0.1	0.0	0.0
80601C	LLOYDMINSTER, SASK. 44TH ST. & 48TH AVE.	18	16	14	11	11	14	0.1	0.1	0.1	0.1	0.0	0.1
90121I	EDMONTON, ALTA. 17 STREET & 105 AVENUE	49	25	31	30	20	31	0.3	0.2	0.1	0.1	0.0	0.2
90122R	127 ST. & 133 AVENUE	27	18	39	37	22	29	0.3	0.1	0.4	0.6	0.2	0.3
90130C	10255 - 104TH STREET	29	35	62	53	31	42	0.4	0.3	0.3	0.3	0.1	0.3
90204C	CALGARY, ALTA. 316-7TH AVENUE	138	125	113	126	59	112	0.6	0.2	0.5	0.8	0.2	0.5
90218I	BONNY BRK & 18A ST. S.E.	104	66	127	96	52	89	0.4	0.1	0.7	1.0	0.4	0.5
90222R	39 ST. & 29 AVE. N.W.	52	70	74	44	53	59	0.1	0.1	0.3	0.2	0.2	0.1
99001C	YELLOWKNIFE, N.W.T. 50TH AVE. & 49TH STREET	102	63	-	43	51	65	0.1	0.2	-	0.2	0.2	0.2
99101C	NORMAN WELLS, N.W.T. AIRPORT BLDG.	-	-	-	-	-	-	-	-	-	-	-	-
99201C	INUVIK, N.W.T. D.I.A.N.D. RESEARCH LAB.	11	8	5	8	8	8	0.0	0.3	0.1	0.3	0.0	0.1
99301C	IQALUIT, N.W.T. BAY BLDG.	14	21	20	-	-	18	0.7	1.0	1.0	-	-	0.9
00102R	VANCOUVER, B.C. 100 RICHMOND STREET	82	127	108	27	12	71	0.9	1.2	1.0	0.1	0.1	0.7
00104R	27TH & ONTARIO	78	67	54	16	10	45	1.4	1.1	0.9	0.1	0.2	0.7
00108I	250 WEST 70TH AVENUE	-	-	109	38	24	57	-	-	1.3	0.2	0.1	0.5
00109C	970 BURRARD	-	81	50	25	13	42	-	1.4	0.7	0.3	0.1	0.6

SUSPENDED PARTICULATE MATTER AND LEAD
MICROGRAMS PER CUBIC METRE

DECEMBER - DECEMBRE
1986

PLOMB ET PARTICULES EN SUSPENSION
MICROGRAMMES PAR METRE CUBE

STATION	LOCATION EMPLACEMENT	*----- PARTICULATES / PARTICULES -----*						*----- LEAD / PLOMB -----*					
		----- DAY / JOUR -----					MEAN MOYENNE	*----- DAY / JOUR -----*					MEAN MOYENNE
		4	10	16	22	28		4	10	16	22	28	
00110R	E. HASTINGS & KENSINGTON	58	64	33	11	8	35	0.9	1.0	0.5	0.1	0.1	0.5
00111I	ROCKY PT. PARK	50	-	55	18	14	34	0.8	-	0.8	0.3	0.2	0.5
00113I	ANNACIS ISLAND, DELTA	-	-	-	-	-	-	-	-	-	-	-	-
00114C	MUNICIPAL HALL, RICHMOND	-	-	68	16	-	-	-	-	1.2	0.2	-	-
00115R	NEWTON ELEM. SCH., SURREY	80	-	68	14	11	43	0.9	-	1.1	0.1	0.1	0.5
00116R	FIRE HALL, N. VANCOUVER	73	53	52	15	7	40	1.1	1.2	0.9	0.2	0.1	0.7
00117R	BCIT BURNABY	73	-	68	-	-	-	1.4	-	1.6	-	-	-
00118R	2550 WEST 10TH AVENUE	-	-	56	17	11	28	-	-	1.3	0.2	0.2	0.6
00202C	PRINCE GEORGE, B.C. 1011 4TH AVENUE	53	-	47	29	19	37	0.1	-	0.2	0.1	0.0	0.1
00303C	VICTORIA, B.C. 1250 QUADRA ST.	46	51	41	31	30	40	0.6	0.7	0.7	0.4	0.3	0.5
00401C	KAMLOOPS, B.C. 301 SEYMOUR ST.	75	8	58	17	35	39	0.2	0.4	0.5	0.2	0.1	0.3
00601C	PENTICTON, B.C. 400 CARMICHAEL AVE.	-	15	16	10	8	12	-	0.0	0.1	0.0	0.0	0.0
09001C	WHITEHORSE, YUKON FEDERAL BUILDING	11	5	14	36	7	15	0.1	0.1	0.1	0.6	0.1	0.2

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

DECEMBER - DECEMBRE
1986

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

STATION	LOCATION EMPLACEMENT	*----- DAY / JOUR -----*				
		4	10	16	22	28
10101C	ST. JOHN'S, Nfld. DUCKWORTH & ORDINANCE	-	-	-	-	-
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	0	0	-	-	0
30115I	HALIFAX, N.S. CPB SHEARWATER	0	0	0	1	0
30310C	SYDNEY, N.S. COUNTY JAIL	0	-	1	-	-
30311R	WHITNEY PIER FIRE STN.	0	-	0	0	0
30409R	GLACE BAY, N.S. SOUTH STREET	-	-	-	-	-
50102R	MONTREAL, QUEBEC JARDIN BOTANIQUE	0	-	0	1	1
50103R	POINTE-AUX-TREMBLES	3	7	2	6	2
50104C	1125 ONTARIO EST	-	-	-	-	-
50109C	DUNCAN & DECARIE	-	-	-	-	-
50110C	PARC PILON, MTL.-NORD	0	1	2	1	1
50112C	BOUL. LAURENTIDES	-	-	-	-	-
50113R	PIE X & CARDINAL	-	-	-	-	-
50116R	3161 JOSEPH, VERDUN	0	1	2	1	1
50119R	699 CURE POIRIER	-	-	-	-	-
50203R	HULL, QUEBEC GAMELIN & JOFFRE	0	1	1	0	0
50303I	QUEBEC, QUEBEC CENTRE LOISIRS LIMOILLOU	-	-	-	-	-
50306R	2026 BLVD. ST-CYRILLE	-	-	-	-	-
50307C	PARC CARTIER BREBOEUF	-	-	-	-	-
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	-	-	-	-	-
60101C	OTTAWA, ONT. 88 SLATER ST.	1	1	1	1	1
60104C	RIDEAU & WURTEMBERG	0	0	0	0	1
60204C	WINDSOR, ONT. 471 UNIVERSITY AVENUE	2	1	1	7	-
60212I	WATER & WRIGHT AVE.	1	1	2	2	1
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	1	0	1	-	0
60403I	EVANS & ARNOLD	-	0	-	1	0
60409R	REDLANDS CRESCENT	0	0	1	1	0
60410R	LAWRENCE & KENNEDY	0	0	1	2	0
60413R	ELMCREST ROAD	0	-	-	0	-
60415R	QUEENSWAY W & HURONTARIO	2	-	-	2	0
60417C	26 BREADALBANE STREET	0	0	1	2	0
60501C	HAMILTON, ONT. BARTON & SANFORD	0	0	1	2	0
60511R	467 BEACH BLVD.	4	11	2	8	4
60602R	SUDBURY, ONT. ASH STREET	1	1	0	1	1
60706I	SAULT STE. MARIE, ONT. FARWELL PUMP HOUSE	0	0	1	8	-
60806R	THUNDER BAY, ONT. 435 JAMES S.	-	-	-	-	-
60807R	615 JAMES STREET SOUTH	0	0	0	0	0
60901C	LONDON, ONT. KING & RECTORY	0	0	2	2	0
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	0	0	-	1	0
61103C	PETERBOROUGH, ONT. 500 GEORGE STREET	-	-	-	-	-

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

DECEMBER - DECEMBRE
1986

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

STATION	LOCATION EMPLACEMENT	*----- DAY / JOUR -----*				
		4	10	16	22	28
61201R	CORNWALL, ONT. MEMORIAL PARK	-	-	-	-	-
61301C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	-	-	-	-	-
61501C	KITCHENER, ONT. EDNA & FREDERICK	-	-	0	0	0
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	1	-	1	2	1
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	0	1	2	1	0
61802R	GUELPH, ONT. EXHIBITION PARK	0	0	1	1	0
70118R	WINNIPEG, MAN. JEFFERSON & SCOTIA	0	0	0	0	0
70119C	65 ELLEN STREET	0	0	0	0	-
80110C	REGINA, SASK. 2505 11TH. AVENUE	0	0	0	0	0
80209C	SASKATOON, SASK. IDYLYLD DR. & 33RD ST.	0	0	0	-	-
80501C	ESTEVAN, SASK. 1 ST. & 14TH AVE.	0	-	0	0	0
80601C	LLOYDMINSTER, SASK. 44TH ST. & 48TH AVE.	0	0	0	0	0
90121I	EDMONTON, ALTA. 17 STREET & 105 AVENUE	1	0	0	0	0
90218I	CALGARY, ALTA. BONNY BRK & 18A ST. S.E.	2	0	2	2	1
00110R	VANCOUVER, B.C. E. HASTINGS & KENSINGTON	2	2	1	0	0
00111I	ROCKY PT. PARK	1	-	1	0	0
00118R	2550 WEST 10TH AVENUE	-	-	1	0	0
00303C	VICTORIA, B.C. 1250 QUADRA ST.	1	1	1	0	1
00401C	KAMLOOPS, B.C. 301 SEYMOUR ST.	0	0	0	0	0

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

DECEMBER - DECEMBRE
1986

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

STATION	LOCATION EMPLACEMENT	DUSTFALL RETOMBEES DE POUSSIÈRES	SO3
	TORONTO, ONT.		
60403I	EVANS & ARNOLD	2.6	-
60404R	5126 YONGE STREET	-	-
60405I	JOHN STREET PUMP STATION	-	-
60406R	ROSEHILL RESERVOIR	2.5	-
60408C	DANFORTH & ROBINSON	4.8	-
	HAMILTON, ONT.		
60501C	BARTON & SANFORD	4.8	-
60502I	BURLINGTON & GAGE	10.1	-
60503I	CHATHAM & FRID	8.1	-
60507C	HUGHSON & HUNTER	3.6	-
	SAULT STE. MARIE, ONT.		
60702R	ANNA MCREA PUBLIC SCHOOL	0.4	-
60703I	BAYVIEW & YOUNG	6.0	-
	THUNDER BAY, ONT.		
60801C	14 ALGOMA STREET	1.6	-
	EDMONTON, ALTA.		
90125C	PRINS ELIZABETH & 108 ST	1.9	0.1 **
90126R	77 AVENUE & 85 STREET	0.9	0.0 **
90127I	115 AVENUE & 159 STREET	4.5	- **
90128R	99 AVENUE & 160 STREET	1.3	0.1 **
	CALGARY, ALTA.		
90219C	620-7TH AVENUE, S.W.	2.2	0.1 **
90221R	DALHOUSIE DR & DALHAM DR	2.5	0.1 **
90223C	11 ST. & 38 AVE. S.E.	5.6	0.1 **
90224I	OGDENDALE & 71 AVE S.E.	2.1	0.1 **
90225R	PALLISER DR & OAKWOOD SW	1.9	0.0 **
90226I	SHEPPARD & 84 AVE S.E.	1.4	0.1 **

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