

Rec'd July 11/90
JAC

**National Air
Pollution Surveillance**

**Surveillance nationale
de la pollution
atmosphérique**

Monthly Summary

Extrait mensuel

**Report EPS 7/AP/9-89
September 1989**

**Rapport SPE 7/AP/9-89
Septembre 1989**



**Environment
Canada**

**Environnement
Canada**

Canada

SULPHUR DIOXIDE
PARTS PER HUNDRED MILLIONSEPTEMBER - SEPTEMBRE
1989DIOXYDE 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		1-HOUR / HEURE		24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX
10102C	ST. JOHN'S, NFLD. 354 WATER STREET	690	0.5	1	1	2	3	1	1	1	1
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	690	0.1	0	0	1	1	0	0	0	0
30115I	HALIFAX, N.S. CFB SHEARWATER	690	1.3	1	4	9	18	1	3	4	4
30117C	BEDFORD ROW POST OFFICE	683	1.1	1	2	4	7	1	2	2	2
30310C	SYDNEY, N.S. COUNTY JAIL	690	0.0	0	0	1	1	0	0	0	0
30409R	GLACE BAY, N.S. SOUTH STREET	660	0.2	0	1	3	5	0	1	2	2
40202C	SAINT JOHN, N.B. POST OFFICE	0	---	-	-	-	-	-	-	-	-
40203R	FOREST HILLS	0	---	-	-	-	-	-	-	-	-
50102R	MONTREAL, QUEBEC JARDIN BOTANIQUE	0	---	-	-	-	-	-	-	-	-
50103R	POINTE-AUX-TREMBLES	0	---	-	-	-	-	-	-	-	-
50104C	1125 ONTARIO EST	0	---	-	-	-	-	-	-	-	-
50109C	DUNCAN & DECARIE	0	---	-	-	-	-	-	-	-	-
50110C	PARC PILON, MTL.-NORD	0	---	-	-	-	-	-	-	-	-
50112C	BOUL. LAURENTIDES	0	---	-	-	-	-	-	-	-	-
50113R	PIE X & CARDINAL	0	---	-	-	-	-	-	-	-	-
50115C	1001 BOUL MAISONNEUVE O.	0	---	-	-	-	-	-	-	-	-
50116R	3161 JOSEPH, VERDUN	0	---	-	-	-	-	-	-	-	-
50117R	7405 CHAMPAGNEUR	0	---	-	-	-	-	-	-	-	-
50118R	820 ST. GERMAIN	0	---	-	-	-	-	-	-	-	-
50119R	699 CURE POIRIER	0	---	-	-	-	-	-	-	-	-
50120R	4TH. AVE. SOUTH, ROXBORO	0	---	-	-	-	-	-	-	-	-
50203R	HULL, QUEBEC GAMELIN & JOFFRE	711	0.5	1	1	2	2	1	1	1	1
50303I	QUEBEC, QUEBEC CENTRE LOISIRS LIMOILLOU	0	---	-	-	-	-	-	-	-	-
50306R	2026 BLVD. ST-CYRILLE	0	---	-	-	-	-	-	-	-	-
50307C	PARC CARTIER BREBOEUF	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	---	-	-	-	-	-	-	-	-
51302R	BAIE COMEAU, QUEBEC 39 AVENUE HANCE	0	---	-	-	-	-	-	-	-	-
60101C	OTTAWA, ONT. 88 SLATER ST.	711	0.4	0	1	1	1	0	1	1	1
60104C	RIDEAU & WURTEMBURG	715	0.3	0	1	1	7	1	1	1	1
60204C	WINDSOR, ONT. 471 UNIVERSITY AVENUE	711	0.6	1	2	3	5	1	2	3	3
60211R	COLLEGE & PRINCE	714	0.4	1	2	3	5	1	1	1	1
60212I	WATER & WRIGHT AVE.	717	0.4	0	2	3	5	1	1	2	2
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	720	0.1	0	1	2	3	0	1	1	1
60403I	EVANS & ARNOLD	720	0.7	1	2	2	3	1	1	2	2
60409R	REDLANDS CRESCENT	720	0.1	0	1	1	2	0	1	1	1
60410R	LAWRENCE & KENNEDY	689	0.6	1	2	4	8	1	2	2	2
60413R	ELMCREST ROAD	720	0.5	1	2	6	14	1	2	3	3
60415R	QUEENSWAY W & HURONTARIO	720	0.5	0	2	5	22	1	2	3	3
60417C	26 BREADALBANE STREET	720	0.7	1	2	5	10	1	2	4	4
60501C	HAMILTON, ONT. BARTON & SANFORD	720	1.0	1	4	5	15	1	2	2	2
60511R	467 BEACH BLVD.	716	1.4	2	5	7	10	2	4	5	5
60512C	BEASLEY PARK	717	0.9	1	3	5	21	1	2	3	3
60602R	SUDBURY, ONT. ASH STREET	720	1.7	1	7	23	40	3	6	7	7
60606C	KENNEDY STREET	720	1.1	0	7	21	63	2	5	6	6

--- 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 MILLIONSEPTEMBER - SEPTEMBRE
1989DIOXYDE DE SOUFRE
PARTIES PAR CENT 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				24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX
60607R	SCIENCE CENTRE NORTH	716	0.7	0	3	14	63	1	4	5	5
60707I	SAULT STE. MARIE, ONT. WM. MERRIFIELD SCHOOL	718	0.2	0	2	5	7	0	1	3	3
60807R	THUNDER BAY, ONT. 615 JAMES STREET SOUTH	716	0.1	0	1	1	2	0	0	1	1
60901C	LONDON, ONT. KING & RECTORY	714	0.3	0	1	2	3	1	1	1	2
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	716	0.5	0	3	8	14	1	2	3	3
61103C	PETERBOROUGH, ONT. 500 GEORGE STREET	720	0.1	0	1	1	3	0	0	1	1
61201R	CORNWALL, ONT. MEMORIAL PARK	713	0.4	0	3	6	8	1	1	3	4
61302C	ST. CATHARINES, ONT. ARGYLE CRESCENT	719	1.1	1	2	3	10	1	2	2	2
61501C	KITCHENER, ONT. EDNA & FREDERICK	717	0.3	0	1	2	2	0	1	1	1
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	720	0.8	1	3	5	7	1	2	3	3
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	720	0.7	1	2	3	4	1	1	2	2
61802R	GUELPH, ONT. EXHIBITION PARK	719	0.6	1	1	2	5	1	1	2	2
62001R	NORTH BAY, ONT. O.P.P. STATION	719	0.2	0	1	2	6	0	1	1	1
70118R	WINNIPEG, MAN. JEFFERSON & SCOTIA	685	0.1	0	0	1	3	0	0	0	0
70119C	65 ELLEN STREET	677	0.2	0	0	3	7	0	1	1	1
80110C	REGINA, SASK. 2505 11TH. AVENUE	76	---	0	0	1	1	0	0	0	0
80209C	SASKATOON, SASK. IDYLWYLD DR. & 33RD ST.	681	0.0	0	0	0	0	0	0	0	0
90121I	EDMONTON, ALTA. 17 STREET & 105 AVENUE	720	0.2	0	1	1	6	0	1	1	1
90218I	CALGARY, ALTA. BONNY BRK & 18A ST. S.E.	716	0.2	0	1	1	1	0	1	1	1
00110R	VANCOUVER, B.C. E. HASTINGS & KENSINGTON	709	1.0	1	3	6	12	1	2	2	2
00111I	ROCKY PT. PARK	645	0.8	1	2	3	4	1	1	2	2
00112C	ROBSON/HORNBY	693	0.8	1	2	3	7	1	1	2	2
00118R	2550 WEST 10TH AVENUE	31	---	0	1	1	1	0	0	0	0
00303C	VICTORIA, B.C. 1250 QUADRA ST.	0	---	-	-	-	-	-	-	-	-
00401C	KAMLOOPS, B.C. 301 SEYMOUR ST.	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 MILLIONSEPTEMBER - SEPTEMBRE
1989MONOXYDE 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
10102C	ST. JOHN'S, Nfld. 354 WATER STREET	678	1.7	2	4	5	7	2	4	4	5	2	3	3	3
30117C	HALIFAX, N.S. BEDFORD ROW POST OFFICE	715	1.0	1	2	2	10	1	2	2	4	1	1	2	2
40202C	SAINT JOHN, N.B. POST OFFICE	0	---	-	-	-	-	-	-	-	-	-	-	-	-
50102R	MONTREAL, QUEBEC JARDIN BOTANIQUE	0	---	-	-	-	-	-	-	-	-	-	-	-	-
50103R	POINTE-AUX-TREMBLES	0	---	-	-	-	-	-	-	-	-	-	-	-	-
50104C	1125 ONTARIO EST	0	---	-	-	-	-	-	-	-	-	-	-	-	-
50109C	DUNCAN & DECARIE	0	---	-	-	-	-	-	-	-	-	-	-	-	-
50110C	PARC PILON, MTL.-NORD	0	---	-	-	-	-	-	-	-	-	-	-	-	-
50112C	BOUL. LAURENTIDES	0	---	-	-	-	-	-	-	-	-	-	-	-	-
50113R	PIE X & CARDINAL	0	---	-	-	-	-	-	-	-	-	-	-	-	-
50115C	1001 BOUL MAISONNEUVE O.	0	---	-	-	-	-	-	-	-	-	-	-	-	-
50116R	3161 JOSEPH, VERDUN	0	---	-	-	-	-	-	-	-	-	-	-	-	-
50119R	699 CURE POIRIER	0	---	-	-	-	-	-	-	-	-	-	-	-	-
50120R	4TH. AVE. SOUTH, ROXBORO	0	---	-	-	-	-	-	-	-	-	-	-	-	-
50203R	HULL, QUEBEC GAMBLIN & JOFFRE	711	0.5	1	1	2	3	1	1	1	1	1	1	1	1
50307C	QUEBEC, QUEBEC PARC CARTIER BREBOEUF	0	---	-	-	-	-	-	-	-	-	-	-	-	-
60101C	OTTAWA, ONT. 88 SLATER ST.	690	1.4	2	3	5	7	2	3	4	5	2	2	3	3
60104C	RIDEAU & WURTEMBERG	715	***	1	1	2	6	1	1	1	2	1	1	1	1
60204C	WINDSOR, ONT. 471 UNIVERSITY AVENUE	716	1.1	1	2	3	6	1	2	2	3	1	2	2	2
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	720	0.7	1	2	3	4	1	2	2	3	1	2	2	2
60403I	EVANS & ARNOLD	720	1.0	1	2	3	4	1	2	3	3	1	2	2	2
60410R	LAWRENCE & KENNEDY	720	1.3	1	3	5	7	1	3	4	4	2	2	3	3
60413R	ELMCREST ROAD	717	0.6	1	2	3	5	1	2	2	3	1	1	2	2
60415R	QUEENSWAY W & HURONTARIO	720	1.0	1	2	5	8	1	2	3	3	1	2	2	2
60416C	381 YONGE STREET	720	2.6	3	6	10	14	3	5	7	9	3	4	5	5
60417C	26 BREADALBANE STREET	720	0.9	1	2	3	4	1	2	3	3	1	1	2	2
60511R	HAMILTON, ONT. 467 BEACH BLVD.	0	---	-	-	-	-	-	-	-	-	-	-	-	-
60512C	BEASLEY PARK	707	1.2	1	2	4	6	1	2	3	3	1	2	2	2
60607R	SUDBURY, ONT. SCIENCE CENTRE NORTH	716	***	0	1	1	3	0	1	1	1	0	1	1	1
60707I	SAULT STE. MARIE, ONT. WM. MERRIFIELD SCHOOL	0	---	-	-	-	-	-	-	-	-	-	-	-	-
60807R	THUNDER BAY, ONT. 615 JAMES STREET SOUTH	719	***	1	1	3	4	1	1	2	3	1	1	1	1
60901C	LONDON, ONT. KING & RECTORY	715	0.8	1	2	4	5	1	2	3	3	1	1	2	2
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	606	0.7	1	2	3	5	1	2	2	2	1	2	2	2
61201R	CORNWALL, ONT. MEMORIAL PARK	712	0.5	1	1	1	3	1	1	1	1	1	1	1	1
61302C	ST. CATHARINES, ONT. ARGYLE CRESCENT	719	0.7	1	2	3	5	1	2	3	3	1	2	2	2
61501C	KITCHENER, ONT. EDNA & FREDERICK	720	1.1	1	2	4	7	1	2	2	3	1	2	2	2
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	719	1.0	1	2	2	4	1	1	2	2	1	1	1	1
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	720	0.7	1	2	3	9	1	2	2	3	1	1	2	2
62001R	NORTH BAY, ONT. O.P.P. STATION	719	***	1	1	2	2	1	1	1	1	1	1	1	1
70118R	WINNIPEG, MAN. JEFFERSON & SCOTIA	679	0.5	1	2	3	5	1	2	2	4	1	1	2	2
70119C	65 ELLEN STREET	678	0.9	1	2	4	6	1	2	3	4	1	2	2	2

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

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

CARBON MONOXIDE
PARTS PER MILLIONSEPTEMBER - SEPTEMBRE
1989MONOXYDE 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
80110C	REGINA, SASK. 2505 11TH. AVENUE	706	1.1	1	3	5	9	1	2	3	3	1	2	2	2
80209C	SASKATOON, SASK. IDYLWYLD DR. & 33RD ST.	645	***	1	1	2	3	1	1	1	2	1	1	1	1
90121I	EDMONTON, ALTA. 17 STREET & 105 AVENUE	655	0.6	1	2	2	4	1	1	2	2	1	1	1	1
90122R	127 ST. & 133 AVENUE	720	1.2	1	4	7	11	1	3	6	7	1	3	4	4
90130C	10255 - 104TH STREET	661	1.5	2	3	7	16	2	3	5	7	2	3	3	4
90222R	CALGARY, ALTA. 39 ST. & 29 AVE. N.W.	717	0.6	1	1	4	6	1	1	3	3	1	1	1	1
90227C	611-4TH STREET S.W.	716	1.3	1	3	5	13	2	2	4	6	2	2	3	3
00108I	VANCOUVER, B.C. 250 WEST 70TH AVENUE	80	---	2	4	6	6	2	3	4	4	2	3	3	3
00110R	E. HASTINGS & KENSINGTON	709	1.0	1	2	3	5	1	2	2	3	1	2	2	2
00111I	ROCKY PT. PARK	710	1.4	2	3	4	5	2	2	3	4	2	2	2	2
00112C	ROBSON/HORNBY	679	3.0	4	6	9	12	4	6	8	8	3	6	6	6
00118R	2550 WEST 10TH AVENUE	703	1.3	2	4	6	7	2	3	4	4	2	2	3	3
09001C	WHITEHORSE, YUKON FEDERAL BUILDING	0	---	-	-	-	-	-	-	-	-	-	-	-	-

*** 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.

NITROGEN DIOXIDE
PARTS PER HUNDRED MILLION

SEPTEMBER - SEPTEMBRE
1989

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
30115I	HALIFAX, N.S.	720	***	1	2	2	3	1	1	1	1
30117C	CFB SHEARWATER BEDFORD ROW POST OFFICE	711	1.6	2	3	4	6	2	2	3	3
40202C	SAINT JOHN, N.B.	0	---	-	-	-	-	-	-	-	-
40203R	POST OFFICE FOREST HILLS	0	---	-	-	-	-	-	-	-	-
50102R	MONTREAL, QUEBEC	0	---	-	-	-	-	-	-	-	-
50104C	JARDIN BOTANIQUE	0	---	-	-	-	-	-	-	-	-
50109C	1125 ONTARIO EST	0	---	-	-	-	-	-	-	-	-
50110C	DUNCAN & DECARIE	0	---	-	-	-	-	-	-	-	-
50112C	PARC PILON, MTL.-NORD	0	---	-	-	-	-	-	-	-	-
50113R	BOUL. LAURENTIDES	0	---	-	-	-	-	-	-	-	-
50115C	PIE X & CARDINAL	0	---	-	-	-	-	-	-	-	-
50116R	1001 BOUL MAISONNEUVE O.	0	---	-	-	-	-	-	-	-	-
50119R	3161 JOSEPH, VERDUN	0	---	-	-	-	-	-	-	-	-
50120R	699 CURE POIRIER 4TH. AVE. SOUTH, ROXBORO	0	---	-	-	-	-	-	-	-	-
50203R	HULL, QUEBEC	718	1.1	1	3	3	5	1	2	2	2
50307C	GAMELIN & JOFFRE	0	---	-	-	-	-	-	-	-	-
60101C	QUEBEC, QUEBEC	0	---	-	-	-	-	-	-	-	-
60104C	PARC CARTIER BREBOEUF	0	---	-	-	-	-	-	-	-	-
60204C	OTTAWA, ONT.	714	3.0	4	6	7	10	4	5	5	5
60402R	88 SLATER ST.	718	1.6	2	4	5	5	2	3	3	3
60403I	RIDEAU & WURTEMBERG	718	1.6	2	4	5	5	2	3	3	3
60410R	WINDSOR, ONT.	711	2.5	3	5	5	7	3	4	4	4
60413R	471 UNIVERSITY AVENUE	711	2.5	3	5	5	7	3	4	4	4
60415R	TORONTO, ONT.	720	2.1	2	4	4	6	2	3	3	3
60417C	DON MILLS, SCIENCE CNTR	719	2.9	4	5	6	8	3	4	5	5
60413R	EVANS & ARNOLD	720	2.5	3	5	6	7	3	4	5	5
60415R	LAWRENCE & KENNEDY	720	2.7	3	5	6	8	3	5	5	6
60417C	ELMCREST ROAD	720	2.4	3	4	5	7	3	4	4	4
60511R	QUEENSWAY W & HURONTARIO	720	2.0	3	4	5	7	2	3	4	4
60512C	26 BREADALBANE STREET	720	2.0	3	4	5	7	2	3	4	4
60607R	HAMILTON, ONT.	717	2.3	3	5	5	6	3	4	4	4
60707I	467 BEACH BLVD.	718	2.1	3	4	5	6	2	3	4	4
60807R	BEASLEY PARK	718	2.1	3	4	5	6	2	3	4	4
60901C	SUDBURY, ONT.	716	***	1	2	3	5	1	2	2	2
61004R	SCIENCE CENTRE NORTH	716	***	1	2	3	5	1	2	2	2
61201R	SAULT STE. MARIE, ONT.	718	1.4	2	3	4	5	2	2	3	3
61302C	WM. MERRIFIELD SCHOOL	718	1.4	2	3	4	5	2	2	3	3
61501C	THUNDER BAY, ONT.	713	***	1	2	3	6	1	2	2	2
61602R	615 JAMES STREET SOUTH	713	***	1	2	3	6	1	2	2	2
61701R	LONDON, ONT.	713	1.9	2	4	6	7	2	3	3	3
62001R	KING & RECTORY	713	1.9	2	4	6	7	2	3	3	3
70118R	SARNIA, ONT.	716	1.8	2	4	6	7	2	3	4	4
70119C	FRONT ST. AT C.N. TRACKS	716	1.8	2	4	6	7	2	3	4	4
70118R	CORNWALL, ONT.	713	***	1	2	3	4	1	1	1	1
70119C	MEMORIAL PARK	713	***	1	2	3	4	1	1	1	1
70118R	ST. CATHARINES, ONT.	719	1.9	2	4	5	6	2	3	4	4
70119C	ARGYLE CRESCENT	719	1.9	2	4	5	6	2	3	4	4
70118R	KITCHENER, ONT.	668	2.4	3	5	6	21	3	4	5	5
70119C	EDNA & FREDERICK	668	2.4	3	5	6	21	3	4	5	5
70118R	OAKVILLE, ONT.	720	***	1	2	2	3	1	2	2	2
70119C	BRONTE AND WOBURN CRES.	720	***	1	2	2	3	1	2	2	2
70118R	OSHAWA, ONT.	720	2.1	3	5	6	7	3	4	4	4
70119C	RITSON RD. & OLIVE AVE.	720	2.1	3	5	6	7	3	4	4	4
70118R	NORTH BAY, ONT.	719	***	1	3	4	5	1	2	2	3
70119C	O.P.P. STATION	719	***	1	3	4	5	1	2	2	3
70118R	WINNIPEG, MAN.	592	1.0	1	3	4	5	1	2	2	2
70119C	JEFFERSON & SCOTIA	681	1.7	2	3	4	5	2	3	3	3
70119C	65 ELLEN STREET	681	1.7	2	3	4	5	2	3	3	3

*** 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

SEPTEMBER - SEPTEMBRE
1989

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 FREQUE.			
				INTERVALS - INTERVALLES		1-HOUR / HEURE		MEANS ---- MOYENNES		24-HOUR / HEURES	
				70	95	99	MAX	70	95	99	MAX
80110C	REGINA, SASK. 2505 11TH. AVENUE	581	1.2	1	2	3	3	1	2	2	2
80209C	SASKATOON, SASK. IDYLWYLD DR. & 33RD ST.	711	1.0	1	2	3	8	1	2	2	2
90122R	EDMONTON, ALTA. 127 ST. & 133 AVENUE	592	2.2	3	5	7	8	3	4	5	5
90130C	10255 - 104TH STREET	716	2.0	2	4	5	6	2	3	4	4
90222R	CALGARY, ALTA. 39 ST. & 29 AVE. N.W.	717	1.5	2	4	5	6	2	3	3	3
90227C	611-4TH STREET S.W.	713	3.1	4	5	6	10	4	4	4	4
00108I	VANCOUVER, B.C. 250 WEST 70TH AVENUE	0	---	-	-	-	-	-	-	-	-
00110R	E. HASTINGS & KENSINGTON	690	3.0	4	7	10	13	4	5	5	6
00111I	ROCKY PT. PARK	704	3.0	3	6	9	11	4	5	5	5
00112C	ROBSON/HORNBY	646	3.0	3	5	7	8	3	4	4	5
00118R	2550 WEST 10TH AVENUE	672	2.4	3	4	6	7	3	4	4	4
09001C	WHITEHORSE, YUKON FEDERAL BUILDING	0	---	-	-	-	-	-	-	-	-

--- 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

SEPTEMBER - SEPTEMBRE
1989

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		1-HOUR / HEURE		MEANS ---- MOYENNES		24-HOUR / HEURES	
				70	95	99	MAX	70	95	99	MAX
10102C	ST. JOHN'S, NFLD. 354 WATER STREET	687	1.4	2	3	3	4	2	2	3	3
30115I	HALIFAX, N.S. CFB SHEARWATER	720	1.9	3	4	5	5	2	3	4	5
30117C	BEDFORD ROW POST OFFICE	583	1.7	2	4	4	5	2	3	4	4
30501R	KEJIMIKUJIK, N.S. NATIONAL PARK	0	---	-	-	-	-	-	-	-	-
30601R	FALL RIVER, N.S. 123 OAKES ROAD	0	---	-	-	-	-	-	-	-	-
40202C	SAINT JOHN, N.B. POST OFFICE	0	---	-	-	-	-	-	-	-	-
40203R	FOREST HILLS	0	---	-	-	-	-	-	-	-	-
50102R	MONTREAL, QUEBEC JARDIN BOTANIQUE	0	---	-	-	-	-	-	-	-	-
50103R	POINTE-AUX-TREMBLES	0	---	-	-	-	-	-	-	-	-
50104C	1125 ONTARIO EST	0	---	-	-	-	-	-	-	-	-
50109C	DUNCAN & DECARIE	0	---	-	-	-	-	-	-	-	-
50110C	PARC PILON, MTL.-NORD	0	---	-	-	-	-	-	-	-	-
50112C	BOUL. LAURENTIDES	0	---	-	-	-	-	-	-	-	-
50113R	PIE X & CARDINAL	0	---	-	-	-	-	-	-	-	-
50115C	1001 BOUL MAISONNEUVE O.	0	---	-	-	-	-	-	-	-	-
50116R	3161 JOSEPH, VERDUN	0	---	-	-	-	-	-	-	-	-
50119R	699 CURE POIRIER	0	---	-	-	-	-	-	-	-	-
50120R	4TH. AVE. SOUTH, ROXBORO	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.	711	0.7	1	2	2	3	1	1	2	2
60104C	RIDEAU & WURTEMBURG	715	1.3	2	4	6	8	2	3	4	4
60204C	WINDSOR, ONT. 471 UNIVERSITY AVENUE	713	2.0	3	5	7	7	2	4	4	5
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	478	1.2	2	3	4	4	1	3	3	3
60403I	EVANS & ARNOLD	720	1.4	2	4	5	6	2	3	4	4
60410R	LAWRENCE & KENNEDY	720	1.7	2	5	5	6	2	3	4	4
60413R	ELMCREST ROAD	716	1.3	2	4	5	5	2	3	4	4
60415R	QUEENSWAY W & HURONTARIO	720	1.9	3	5	7	7	2	4	5	5
60417C	26 BREADALBANE STREET	675	1.8	3	5	6	6	3	4	5	5
60512C	HAMILTON, ONT. BEASLEY PARK	717	1.5	2	5	5	6	2	4	4	4
60607R	SUDBURY, ONT. SCIENCE CENTRE NORTH	716	2.8	4	6	6	7	3	5	5	6
60707I	SAULT STE. MARIE, ONT. WM. MERRIFIELD SCHOOL	718	1.3	2	3	5	5	2	3	3	3
60807R	THUNDER BAY, ONT. 615 JAMES STREET SOUTH	629	1.8	3	5	7	7	2	3	6	6
60901C	LONDON, ONT. KING & RECTORY	714	2.1	3	5	6	7	2	4	4	4
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	689	2.3	3	5	7	10	3	4	5	5
61201R	CORNWALL, ONT. MEMORIAL PARK	713	1.9	2	4	5	5	2	3	4	4
61302C	ST. CATHARINES, ONT. ARGYLE CRESCENT	693	1.7	2	4	5	5	2	4	4	4
61501C	KITCHENER, ONT. EDNA & FREDERICK	718	1.7	2	5	5	6	2	4	4	4
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	719	2.1	3	5	6	7	2	4	4	4

--- 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 MILLIONSEPTEMBER - SEPTEMBRE
1989OZONE
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
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	720	2.0	3	4	6	7	2	3	5	5
61802R	GUELPH, ONT. EXHIBITION PARK	718	1.8	2	5	6	6	2	3	4	4
62001R	NORTH BAY, ONT. O.P.P. STATION	719	2.5	3	6	6	7	3	4	4	5
70118R	WINNIPEG, MAN. JEFFERSON & SCOTIA	625	2.6	3	5	5	6	3	4	4	5
70119C	65 ELLEN STREET	676	1.0	1	3	3	4	1	2	2	2
80110C	REGINA, SASK. 2505 11TH. AVENUE	710	1.2	2	3	3	4	1	2	2	2
80209C	SASKATOON, SASK. IDYLWYLD DR. & 33RD ST.	711	1.7	2	3	4	5	2	2	2	3
90122R	EDMONTON, ALTA. 127 ST. & 133 AVENUE	720	1.3	2	3	4	5	2	2	2	2
90130C	10255 - 104TH STREET	718	1.1	1	3	3	4	1	2	2	2
90222R	CALGARY, ALTA. 39 ST. & 29 AVE. N.W.	718	2.0	3	4	5	5	2	3	3	3
90227C	611-4TH STREET S.W.	717	1.2	2	3	4	4	1	2	2	2
00108I	VANCOUVER, B.C. 250 WEST 70TH AVENUE	633	0.9	1	3	4	4	1	2	2	2
00110R	E. HASTINGS & KENSINGTON	714	1.2	2	3	4	5	2	2	2	3
00111I	ROCKY PT. PARK	709	1.2	2	4	6	8	1	2	2	2
00112C	ROBSON/HORNBY	699	***	1	2	2	3	0	1	1	1
00118R	2550 WEST 10TH AVENUE	703	1.1	2	4	4	6	1	2	2	2
00303C	VICTORIA, B.C. 1250 QUADRA ST.	0	---	-	-	-	-	-	-	-	-
00701C	KELOWNA, B.C. 100 KLO RD.	0	---	-	-	-	-	-	-	-	-

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

SOILING INDEX
COH UNITS PER 1000 LINEAR FT.

SEPTEMBER - SEPTEMBRE
1989

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		2-HOUR / HEURES		MEANS ----- MOYENNES		24-HOUR / HEURES	
				70	95	99	MAX	70	95	99	MAX
50109C	MONTREAL, QUEBEC DUNCAN & DECARIE	0	----	-	-	-	-	-	-	-	-
50110C	PARC PILON, MTL.-NORD	0	----	-	-	-	-	-	-	-	-
50115C	1001 BOUL MAISONNEUVE O.	0	----	-	-	-	-	-	-	-	-
50116R	3161 JOSEPH, VERDUN	0	----	-	-	-	-	-	-	-	-
50120R	4TH. AVE. SOUTH, ROXBORO	0	----	-	-	-	-	-	-	-	-
60104C	OTTAWA, ONT. RIDEAU & WURTEMBURG	554	(1) 0.37	0.5	1.0	1.5	2.6	0.5	0.8	0.9	0.9
60204C	WINDSOR, ONT. 471 UNIVERSITY AVENUE	717	(1) 0.45	0.5	1.1	1.9	3.0	0.6	0.8	1.0	1.0
60211R	COLLEGE & PRINCE	717	(1) 0.53	0.6	1.6	2.6	3.7	0.6	1.3	1.4	1.5
60403I	TORONTO, ONT. EVANS & ARNOLD	715	(1) 0.59	0.7	1.4	2.0	2.8	0.7	1.1	1.5	1.5
60410R	LAWRENCE & KENNEDY	692	(1) 0.37	0.5	1.1	1.5	2.5	0.5	0.8	0.9	1.0
60417C	26 BREADALBANE STREET	715	(1) 0.39	0.5	0.9	1.2	1.6	0.5	0.7	0.8	0.9
60501C	HAMILTON, ONT. BARTON & SANFORD	720	(1) 0.60	0.8	1.4	1.7	3.1	0.7	1.0	1.2	1.2
60511R	467 BEACH BLVD.	708	(1) 0.52	0.7	1.3	2.0	2.7	0.7	1.0	1.1	1.2
60512C	BEASLEY PARK	717	(1) 0.54	0.7	1.3	1.9	2.7	0.7	1.1	1.2	1.3
60607R	SUDBURY, ONT. SCIENCE CENTRE NORTH	699	(1) 0.16	0.2	0.5	0.7	1.0	0.2	0.4	0.4	0.5
60707I	SAULT STE. MARIE, ONT. WM. MERRIFIELD SCHOOL	720	(1) 0.28	0.3	0.8	1.1	1.3	0.3	0.6	0.7	0.8
60807R	THUNDER BAY, ONT. 615 JAMES STREET SOUTH	719	(1) ****	0.1	0.1	0.2	0.3	0.1	0.1	0.1	0.1
60901C	LONDON, ONT. KING & RECTORY	707	(1) 0.36	0.4	1.0	1.6	2.4	0.5	0.7	0.9	0.9
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	716	(1) 0.42	0.5	1.1	2.1	3.0	0.5	1.1	1.2	1.3
61201R	CORNWALL, ONT. MEMORIAL PARK	708	(1) 0.20	0.2	0.5	0.8	1.4	0.3	0.4	0.4	0.4
61302C	ST. CATHARINES, ONT. ARGYLE CRESCENT	720	(1) 0.18	0.2	0.4	0.7	1.3	0.2	0.3	0.4	0.4
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	707	(1) 0.64	0.8	1.8	2.6	3.0	0.8	1.3	1.4	1.5
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	712	(1) 0.28	0.4	0.8	1.2	1.6	0.4	0.7	0.8	0.8
61802R	GUELPH, ONT. EXHIBITION PARK	719	(1) 0.23	0.3	0.5	1.1	1.3	0.3	0.5	0.5	0.5
62001R	NORTH BAY, ONT. O.P.P. STATION	720	(1) 0.28	0.3	0.8	1.2	1.5	0.4	0.6	0.6	0.7
70118R	WINNIPEG, MAN. JEFFERSON & SCOTIA	490	(1) 0.13	0.1	0.4	1.3	2.0	0.1	0.4	0.5	0.5
70119C	65 ELLEN STREET	719	(1) 0.23	0.2	0.7	2.0	3.1	0.3	0.7	0.8	0.8
90122R	EDMONTON, ALTA. 127 ST. & 133 AVENUE	720	(1) 0.31	0.3	1.2	1.6	1.9	0.3	1.0	1.1	1.1
90130C	10255 - 104TH STREET	720	(1) 0.23	0.3	0.7	1.1	1.5	0.3	0.6	0.7	0.8
90218I	CALGARY, ALTA. BOHNY BRK & 18A ST. S.E.	720	(1) 0.32	0.4	1.0	1.4	2.0	0.4	0.8	0.9	0.9
90222R	39 ST. & 29 AVE. N.W.	720	(1) ****	0.1	0.2	0.5	0.7	0.1	0.2	0.3	0.3
90227C	611-4TH STREET S.W.	719	(1) 0.24	0.3	0.6	0.9	1.6	0.3	0.5	0.6	0.6
00102R	VANCOUVER, B.C. 100 RICHMOND STREET	0	----	-	-	-	-	-	-	-	-
00108I	250 WEST 70TH AVENUE	0	----	-	-	-	-	-	-	-	-
00110R	E. HASTINGS & KENSINGTON	669	(1) 0.41	0.5	0.9	1.4	1.6	0.5	0.7	0.7	0.7
00111I	ROCKY PT. PARK	683	(1) 0.49	0.6	1.0	1.1	1.2	0.6	0.8	0.9	0.9
00112C	ROBSON/HORNBY	667	(1) 0.49	0.6	1.1	1.9	2.1	0.6	0.9	1.2	1.3
00118R	2550 WEST 10TH AVENUE	0	----	-	-	-	-	-	-	-	-

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

**** CALCULATED MEANS ARE BELOW 0.1
LES MOYENNES SONT 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.

STATION	LOCATION EMPLACEMENT	*----- PARTICULATES / PARTICULES -----*					MEAN MOYENNE	*----- LEAD / PLOMB -----*					MEAN MOYENNE
		1	7	13	19	25		1	7	13	19	25	
10102C	ST. JOHN'S, NFLD. 354 WATER STREET	28	37	21	46	30	32	0.0	0.0	0.0	0.0	0.0	0.0
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	22	22	23	20	15	20	0.0	0.0	0.0	0.0	0.0	0.0
30101C	HALIFAX, N.S. N.S. TECHNICAL COLLEGE	31	42	41	35	-	37	0.0	0.0	0.0	0.0	-	0.0
30102R	DALHOUSIE UNIVERSITY	45	23	28	-	17	28	0.1	0.0	0.0	-	0.0	0.0
30115I	CFB SHEARWATER	11	18	14	18	13	15	0.0	0.0	0.0	0.0	0.0	0.0
30310C	SYDNEY, N.S. COUNTY JAIL	34	34	32	59	59	44	0.0	0.1	0.0	0.0	0.0	0.0
30311R	WHITNEY PIER FIRE STN.	37	55	44	51	-	47	0.0	0.0	0.0	0.0	-	0.0
30409R	GLACE BAY, N.S. SOUTH STREET	31	33	24	42	25	31	0.0	0.0	0.1	0.0	0.0	0.0
40102C	FREDERICTON, N.B. YORK STREET	26	36	36	46	31	35	0.0	0.0	0.0	0.0	0.0	0.0
40201C	SAINT JOHN, N.B. 110 CHARLOTTE STREET	26	23	44	42	28	33	0.0	0.0	0.0	0.0	0.0	0.0
40203R	FOREST HILLS	32	56	89	21	-	50	0.0	0.0	0.0	0.0	-	0.0
50102R	MONTREAL, QUEBEC JARDIN BOTANIQUE	-	-	-	-	-	-	0.0	0.1	0.0	0.1	0.2	0.1
50103R	POINTE-AUX-TREMBLES	-	-	-	-	-	-	0.0	0.0	0.0	0.0	0.1	0.0
50104C	1125 ONTARIO EST	-	-	-	-	-	-	0.1	0.1	0.0	0.1	0.3	0.1
50109C	DUNCAN & DECARIE	-	-	-	-	-	-	0.1	-	0.1	-	0.1	0.1
50110C	PARC PILON, MTL.-NORD	-	-	-	-	-	-	-	0.0	-	0.0	0.0	0.0
50112C	BOUL. LAURENTIDES	-	37	28	-	-	-	-	0.0	0.0	-	-	-
50113R	PIE X & CARDINAL	-	54	-	-	23	-	-	0.1	-	-	0.0	-
50116R	3161 JOSEPH, VERDUN	-	-	-	-	-	-	0.0	0.1	0.1	0.1	0.6	0.2
50119R	699 CURE POIRIER	26	49	29	25	27	31	0.0	0.0	0.0	0.1	0.0	0.0
50120R	4TH. AVE. SOUTH, ROXBORO	-	-	-	-	-	-	0.1	-	0.0	0.0	0.1	0.1
50203R	HULL, QUEBEC GAMBLIN & JOFFRE	9	105	21	50	36	44	0.0	0.1	0.0	0.1	0.0	0.1
50303I	QUEBEC, QUEBEC CENTRE LOISIRS LIMOILLOU	-	-	-	-	-	-	-	-	-	-	-	-
50306R	2026 BLVD. ST-CYRILLE	22	78	42	42	22	41	0.1	0.1	0.0	0.1	0.1	0.1
50307C	PARC CARTIER BREBOEUF	-	-	-	-	-	-	-	-	-	-	-	-
50403C	SHERBROOKE, QUEBEC WELLINGTON & ALBERT	62	81	51	36	32	52	0.1	0.1	0.0	0.0	0.0	0.0
50502R	CHICOUTIMI, QUEBEC USINE DE FILTRATION	23	45	35	43	17	33	0.0	0.0	0.0	0.0	0.0	0.0
50503C	222 RACINE	35	73	37	67	26	48	0.0	0.1	0.0	0.0	0.0	0.0
50601C	ROUYN, QUEBEC HOTEL DE VILLE	123	54	29	-	26	58	0.8	0.1	0.1	-	0.1	0.3
50701C	SEPT-ILES, QUEBEC HOTEL DE VILLE	52	17	42	16	20	29	0.0	0.0	0.0	0.0	0.0	0.0
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	19	71	67	41	32	46	0.0	0.0	0.1	0.0	0.0	0.0
50901R	ARVIDA, QUEBEC POWELL & HOOPES	57	62	31	51	37	48	0.1	0.1	0.0	0.0	0.0	0.0
51201I	SHAWINIGAN, QUEBEC FRIGON & LAVAL	31	104	25	66	40	53	0.0	0.1	0.0	0.0	0.0	0.1
51302R	BAIE COMEAU, QUEBEC 39 AVENUE MANCE	13	58	34	29	17	30	0.0	0.0	0.0	0.0	0.0	0.0
60101C	OTTAWA, ONT. 88 SLATER ST.	48	108	44	66	53	64	0.0	0.1	0.0	0.1	0.0	0.0
60104C	RIDEAU & WURTEMBERG	29	81	22	41	29	40	0.0	0.0	0.0	0.1	0.0	0.0
60202C	WINDSOR, ONT. CITY HALL	33	53	23	58	85	50	0.0	0.0	0.0	0.0	0.1	0.0
60203R	TECUMSEH WATER WORKS	44	59	25	55	62	49	0.0	0.0	0.0	0.0	0.0	0.0
60204C	471 UNIVERSITY AVENUE	-	-	34	91	84	70	-	-	0.0	0.0	0.1	0.0
60212I	WATER & WRIGHT AVE.	38	51	37	49	61	47	-	-	-	-	-	-
60403I	TORONTO, ONT. EVANS & ARNOLD	59	91	69	62	69	70	0.1	0.0	0.1	0.1	0.0	0.1
60410R	LAWRENCE & KENNEDY	-	-	-	-	-	-	-	-	-	-	-	-
60413R	ELMCREST ROAD	57	65	-	-	56	59	0.0	0.0	-	-	0.0	0.0
60415R	QUEENSWAY W & HURONTARIO	36	75	57	58	44	54	0.0	0.0	0.0	0.1	0.0	0.0
60417C	26 BREADALBANE STREET	49	89	51	47	67	61	0.1	0.0	0.0	0.1	0.1	0.1
60501C	HAMILTON, ONT. BARTON & SANFORD	54	139	91	122	81	97	0.1	0.1	0.1	0.3	0.1	0.1
60503I	CHATHAM & FRID	191	149	91	111	144	137	0.1	0.1	0.0	0.2	0.1	0.1
60511R	467 BEACH BLVD.	92	76	44	33	103	70	0.1	0.0	0.0	0.0	0.1	0.1
60512C	BEASLEY PARK	66	149	-	-	-	-	-	-	-	-	-	-

SUSPENDED PARTICULATE MATTER AND LEAD
 MICROGRAMS PER CUBIC METRE

 SEPTEMBER - SEPTEMBRE
 1989

 PLOMB ET PARTICULES EN SUSPENSION
 MICROGRAMMES PAR METRE CUBE

STATION	LOCATION EMPLACEMENT	*----- PARTICULATES / PARTICULES -----*						*----- LEAD / PLOMB -----*					
		----- DAY / JOUR -----					MEAN MOYENNE	*----- DAY / JOUR -----*					MEAN MOYENNE
		1	7	13	19	25		1	7	13	19	25	
60602R	SUDBURY, ONT. ASH STREET	-	-	-	35	87	-	-	-	-	-	-	-
60605C	19 LISGAR STREET	32	64	43	51	82	54	0.0	0.0	0.1	-	-	0.0
60707I	SAULT STE. MARIE, ONT. WM. MERRIFIELD SCHOOL	-	60	36	-	92	63	-	-	-	-	-	-
60801C	THUNDER BAY, ONT. 14 ALGOMA STREET	26	109	27	81	20	53	0.0	0.0	0.0	0.1	0.0	0.0
60807R	615 JAMES STREET SOUTH	31	-	48	67	18	41	0.0	-	0.0	0.0	0.0	0.0
60901C	LONDON, ONT. KING & RECTORY	29	81	46	72	68	59	0.0	0.1	0.1	0.1	0.1	0.1
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	34	50	19	50	41	39	0.0	0.0	0.0	0.1	0.0	0.0
61303C	ST. CATHARINES, ONT. 71 KING STREET	-	-	42	57	40	46	-	-	0.0	0.0	0.0	0.0
61501C	KITCHENER, ONT. EDNA & FREDERICK	46	86	59	71	62	65	0.0	0.1	0.1	0.1	0.1	0.1
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	42	46	-	-	-	-	0.0	0.0	-	-	-	-
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	16	-	-	-	-	-	0.0	-	-	-	-	-
61802R	GUELPH, ONT. EXHIBITION PARK	29	-	85	44	40	50	0.0	-	0.0	0.0	0.0	0.0
62001R	NORTH BAY, ONT. O.P.P. STATION	23	54	24	40	30	34	-	-	-	-	-	-
70102R	WINNIPEG, MAN. PORTAGE & WOODLAWN	64	54	31	50	31	46	0.1	0.1	0.1	0.1	0.1	0.1
70118R	JEFFERSON & SCOTIA	28	46	31	33	27	33	0.1	0.0	0.0	0.0	0.0	0.0
70119C	65 ELLEN STREET	62	54	75	52	45	58	0.1	0.0	0.1	0.0	0.1	0.1
70201C	BRANDON, MAN. 11TH ST. & PRINCESS AVE.	55	24	29	25	47	36	0.1	0.0	0.0	0.0	0.0	0.0
80102R	REGINA, SASK. 3211 ALBERT STREET	23	13	32	20	31	24	0.0	0.0	0.0	0.0	0.0	0.0
80110C	2505 11TH. AVENUE	70	33	80	53	46	56	0.0	0.1	0.1	0.1	0.0	0.1
80203R	SASKATOON, SASK. 30TH ST. & 833 P AVE.	45	12	49	21	43	34	0.0	0.0	0.0	0.0	0.0	0.0
80209C	IDYLWYLD DR. & 33RD ST.	73	22	64	42	47	50	0.0	0.0	0.0	0.1	0.0	0.0
90121I	EDMONTON, ALTA. 17 STREET & 105 AVENUE	59	40	181	71	76	85	0.1	0.1	0.3	0.1	0.1	0.2
90122R	127 ST. & 133 AVENUE	45	26	121	34	92	64	0.2	0.1	0.7	0.2	0.3	0.3
90130C	10255 - 104TH STREET	62	51	118	48	74	71	0.3	0.2	0.4	0.3	0.2	0.3
90204C	CALGARY, ALTA. 316-7TH AVENUE	49	33	88	44	148	72	0.3	0.1	0.2	0.3	0.3	0.2
90218I	BONNY BRK & 18A ST. S.E.	68	38	161	77	156	100	0.5	0.1	1.0	0.3	0.5	0.5
90222R	39 ST. & 29 AVE. N.W.	46	16	75	24	99	52	0.2	0.1	0.2	0.1	0.2	0.2
99001C	YELLOWKNIFE, N.W.T. 50TH AVE. & 49TH STREET	159	70	97	52	111	98	0.1	0.0	0.1	0.0	0.1	0.0
99201C	INUVIK, N.W.T. D.I.A.N.D. RESEARCH LAB.	-	-	-	-	-	-	-	-	-	-	-	-
99301C	IQALUIT, N.W.T. BAY BLDG.	-	-	-	-	-	-	-	-	-	-	-	-
00102R	VANCOUVER, B.C. 100 RICHMOND STREET	-	-	-	-	-	-	-	-	-	-	-	-
00104R	27TH & ONTARIO	54	69	104	61	98	77	0.1	0.2	0.3	0.2	0.2	0.2
00108I	250 WEST 70TH AVENUE	57	99	99	59	121	87	0.1	0.3	0.3	0.2	0.2	0.2
00109C	970 BURRARD	45	50	82	51	88	63	0.1	0.2	0.2	0.2	0.3	0.2
00110R	E. HASTINGS & KENSINGTON	37	44	68	-	79	57	0.1	0.1	0.2	-	0.2	0.1
00111I	ROCKY PT. PARK	42	40	66	38	64	50	0.1	0.1	0.2	0.1	0.1	0.1
00113I	ANNACIS ISLAND, DELTA	65	97	111	56	113	88	0.3	0.4	0.3	0.2	0.2	0.3
00114C	MUNICIPAL HALL, RICHMOND	39	58	66	45	54	52	0.1	0.3	0.2	0.2	0.2	0.2
00115R	NEWTON ELEM. SCH., SURREY	39	76	93	55	-	66	0.2	0.3	0.3	0.3	-	0.3
00116R	FIRE HALL, N. VANCOUVER	35	41	68	41	-	46	0.1	0.3	0.2	0.1	-	0.2
00117R	BCIT BURNABY	26	33	47	40	61	41	0.1	0.1	0.2	0.1	0.2	0.1
00118R	2550 WEST 10TH AVENUE	26	31	46	33	45	36	0.1	0.2	0.2	0.2	0.1	0.1
00202C	PRINCE GEORGE, B.C. 1011 4TH AVENUE	52	69	110	-	133	91	0.1	0.2	0.1	-	0.1	0.1
00303C	VICTORIA, B.C. 1250 QUADRA ST.	33	48	56	46	56	48	0.1	0.3	0.3	0.2	0.2	0.2

SUSPENDED PARTICULATE MATTER AND LEAD
MICROGRAMS PER CUBIC METRE

SEPTEMBER - SEPTEMBRE
1989

PLOMB ET PARTICULES EN SUSPENSION
MICROGRAMMES PAR METRE CUBE

STATION	LOCATION EMPLACEMENT	*----- PARTICULATES / PARTICULES -----*						MEAN MOYENNE	*----- LEAD / PLOMB -----*						MEAN MOYENNE
		----- DAY / JOUR -----							*----- DAY / JOUR -----*						
		1	7	13	19	25		1	7	13	19	25			
00401C	KAMLOOPS, B.C. 301 SEYMOUR ST.	36	43	71	58	145	71	0.1	0.1	0.1	0.1	0.1	0.1		
00701C	KELOWNA, B.C. 100 KLO RD.	-	40	71	-	73	61	-	0.0	0.0	-	0.1	0.1		
09001C	WHITEHORSE, YUKON FEDERAL BUILDING	23	42	16	-	-	27	0.0	0.1	0.0	-	-	0.1		

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

SEPTEMBER - SEPTEMBRE
1989

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

STATION	LOCATION EMPLACEMENT	*----- DAY / JOUR -----*				
		1	7	13	19	25
10102C	ST. JOHN'S, NFLD. 354 WATER STREET	0	1	0	0	0
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	0	0	0	0	0
30115I	HALIFAX, N.S. CFB SHEARWATER	0	0	1	0	1
30310C	SYDNEY, N.S. COUNTY JAIL	0	0	0	0	0
30409R	GLACE BAY, N.S. SOUTH STREET	0	0	0	0	0
40203R	SAINT JOHN, N.B. FOREST HILLS	-	-	-	-	-
50102R	MONTREAL, QUEBEC JARDIN BOTANIQUE	-	-	-	-	-
50103R	POINTE-AUX-TREMBLES	-	-	-	-	-
50104C	1125 ONTARIO EST	-	-	-	-	-
50109C	DUNCAN & DECARIE	-	-	-	-	-
50110C	PARC PILON, MTL.-NORD	-	-	-	-	-
50112C	BOUL. LAURENTIDES	-	-	-	-	-
50113R	PIE X & CARDINAL	-	-	-	-	-
50116R	3161 JOSEPH, VERDUN	-	-	-	-	-
50119R	699 CURE POIRIER	-	-	-	-	-
50120R	4TH. AVE. SOUTH, ROXBORO	-	-	-	-	-
50203R	HULL, QUEBEC GAMELIN & JOFFRE	0	2	0	1	1
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 & HOOPEES	-	-	-	-	-
51201I	SHAWINIGAN, QUEBEC FRIGON & LAVAL	-	-	-	-	-
51302R	BAIE COMEAU, QUEBEC 39 AVENUE MANCE	-	-	-	-	-
60101C	OTTAWA, ONT. 88 SLATER ST.	0	1	0	1	1
60104C	RIDEAU & HURTEMBURG	0	1	0	1	1
60204C	WINDSOR, ONT. 471 UNIVERSITY AVENUE	-	-	0	2	4
60212I	WATER & WRIGHT AVE.	0	0	0	0	1
60403I	TORONTO, ONT. EVANS & ARNOLD	0	3	1	2	2
60410R	LAWRENCE & KENNEDY	-	-	-	-	-
60413R	ELMCREST ROAD	0	4	-	-	2
60415R	QUEENSWAY W & HURONTARIO	0	1	0	5	1
60417C	26 BREADALBANE STREET	1	3	1	0	2
60501C	HAMILTON, ONT. BARTON & SANFORD	0	6	3	7	2
60511R	467 BEACH BLVD.	4	1	1	0	7
60512C	BEASLEY PARK	0	6	-	-	-
60602R	SUDBURY, ONT. ASH STREET	-	-	-	0	0
60707I	SAULT STE. MARIE, ONT. WM. MERRIFIELD SCHOOL	-	0	0	-	3
60807R	THUNDER BAY, ONT. 615 JAMES STREET SOUTH	0	-	0	0	0
60901C	LONDON, ONT. KING & RECTORY	0	2	0	0	2
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	0	1	0	0	2

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

SEPTEMBER - SEPTEMBRE
1989

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

STATION	LOCATION EMPLACEMENT	*----- DAY / JOUR -----*				
		1	7	13	19	25
61501C	KITCHENER, ONT. EDNA & FREDERICK	0	1	0	1	1
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	1	1	-	-	-
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	0	-	-	-	-
61802R	GUELPH, ONT. EXHIBITION PARK	0	-	0	1	1
62001R	NORTH BAY, ONT. O.P.P. STATION	0	0	0	0	0
70118R	WINNIPEG, MAN. JEFFERSON & SCOTIA	0	0	0	0	0
70119C	65 ELLEN STREET	0	0	0	0	0
80110C	REGINA, SASK. 2505 11TH. AVENUE	-	-	-	-	-
80209C	SASKATOON, SASK. IDYLWYLD DR. & 33RD ST.	0	0	0	0	0
90121I	EDMONTON, ALTA. 17 STREET & 105 AVENUE	0	0	2	1	0
90218I	CALGARY, ALTA. BONNY BRK & 18A ST. S.E.	0	0	2	0	2
00110R	VANCOUVER, B.C. E. HASTINGS & KENSINGTON	2	2	2	-	2
00111I	ROCKY PT. PARK	-	-	2	0	1
00118R	2550 WEST 10TH AVENUE	-	-	-	-	-
00303C	VICTORIA, B.C. 1250 QUADRA ST.	-	-	-	-	-
00401C	KAMLOOPS, B.C. 301 SEYMOUR ST.	-	-	-	-	-

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

SEPTEMBER - SEPTEMBRE
1989

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
60403I	TORONTO, ONT. EVANS & ARNOLD	1.9	-
60501C	HAMILTON, ONT. BARTON & SANFORD	3.6	-
60502I	BURLINGTON & GAGE	13.2	-
60503I	CHATHAM & FRID	8.4	-
60507C	HUGHSON & HUNTER	3.0	-
60702R	SAULT STE. MARIE, ONT. ANNA MCREA PUBLIC SCHOOL	5.0	-
60703I	BAYVIEW & YOUNG	2.8	-
60801C	THUNDER BAY, ONT. 14 ALGOMA STREET	2.1	-
90125C	EDMONTON, ALTA. FRINS ELIZABETH & 108 ST	4.3	0.0 **
90126R	77 AVENUE & 85 STREET	4.7	0.0 **
90127I	115 AVENUE & 159 STREET	18.1	0.0 **
90128R	99 AVENUE & 160 STREET	5.9	0.0 **
90219C	CALGARY, ALTA. 620-7TH AVENUE, S.W.	3.6	0.1 **
90221R	DALHOUSIE DR & DALHAM DR	-	0.0 **
90223C	11 ST. & 38 AVE. S.E.	5.8	0.1 **
90224I	OGDENDALE & 71 AVE S.E.	-	0.1 **
90225R	PALLISER DR & OAKWOOD SW	-	0.0 **
90226I	SHEPPARD & 84 AVE S.E.	-	0.1 **

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