

**National Air
Pollution Surveillance**

**Surveillance nationale
de la pollution
atmosphérique**

Monthly Summary

Extrait mensuel

**Report EPS 7/AP/10-87
October 1987**

**Rapport SPE 7/AP/10-87
Octobre 1987**

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SULPHUR DIOXIDE
PARTS PER HUNDRED MILLIONOCTOBER - OCTOBRE
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	381	0.7	1	2	3	4	1	1	1	1
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	680	0.1	0	0	1	1	0	0	0	0
30115I	HALIFAX, N.S. CPB SHEARWATER	713	0.5	0	2	4	6	1	1	2	2
30117C	BEDFORD ROW POST OFFICE	711	1.1	1	3	6	8	1	2	3	3
30310C	SYDNEY, N.S. COUNTY JAIL	734	0.1	0	0	3	12	0	1	3	3
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	743	0.2	0	1	2	3	0	1	1	1
50103R	POINTE-AUX-TREMBLES	739	0.9	1	3	5	8	1	2	2	2
50104C	1125 ONTARIO EST	739	0.2	0	1	2	5	0	1	2	2
50109C	DUNCAN & DECARIE	586	0.5	0	2	3	3	1	1	2	2
50110C	PARC PILON, MTL.-NORD	736	0.4	1	2	2	3	1	1	2	2
50112C	BOUL. LAURENTIDES	0	---	-	-	-	-	-	-	-	-
50113R	PIE X & CARDINAL	0	---	-	-	-	-	-	-	-	-
50115C	1001 BOUL. MAISONNEUVE O.	581	0.9	1	2	3	5	1	2	2	3
50116R	3161 JOSEPH, VERDUN	563	1.2	1	2	2	3	1	2	2	2
50117R	7405 CHAMPAGNEUR	743	0.3	1	1	2	2	1	1	1	1
50118R	820 ST. GERMAIN	0	---	-	-	-	-	-	-	-	-
50119R	699 CURE POIRIER	0	---	-	-	-	-	-	-	-	-
50203R	HULL, QUEBEC GAMBLIN & JOFFRE	733	0.2	0	1	1	2	0	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 & HOOPEES	0	---	-	-	-	-	-	-	-	-
51201I	SHAWINIGAN, QUEBEC FRIGON & LAVAL	0	---	-	-	-	-	-	-	-	-
51301R	BAIE COMEAU, QUEBEC 39 AVE. MARGUETTE	0	---	-	-	-	-	-	-	-	-
51302R	39 AVENUE MANCE	0	---	-	-	-	-	-	-	-	-
60101C	OTTAWA, ONT. 88 SLATER ST.	730	0.5	1	1	2	2	1	1	1	1
60104C	RIDEAU & WURTEMBERG	721	0.0	0	0	1	9	0	0	0	0
60204C	WINDSOR, ONT. 471 UNIVERSITY AVENUE	710	1.1	1	3	5	8	1	3	3	3
60211R	COLLEGE & PRINCE	720	0.7	1	3	4	7	1	2	2	2
60212I	WATER & WRIGHT AVE.	606	1.0	1	4	6	9	1	2	3	3
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	0	---	-	-	-	-	-	-	-	-
60403I	EVANS & ARNOLD	589	0.7	1	3	4	7	1	2	3	3
60409R	REDLANDS CRESCENT	0	---	-	-	-	-	-	-	-	-
60410R	LAWRENCE & KENNEDY	682	0.7	1	2	4	7	1	2	3	3
60413R	ELMCREST ROAD	0	---	-	-	-	-	-	-	-	-
60415R	QUEENSWAY W & HURONTARIO	0	---	-	-	-	-	-	-	-	-
60417C	26 BREADALBANE STREET	723	0.7	1	3	5	8	1	2	3	3
60501C	HAMILTON, ONT. BARTON & SANFORD	721	0.4	0	2	4	6	1	1	2	2
60511R	467 BEACH BLVD.	706	1.0	1	4	6	9	1	3	3	3
60512C	BEASLEY PARK	685	0.3	0	2	4	6	0	1	2	2
60602R	SUDBURY, ONT. ASH STREET	742	0.9	1	4	12	21	1	4	6	6
60606C	KENNEDY STREET	740	1.1	0	4	23	50	1	6	8	9

--- 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 MILLION

OCTOBER - OCTOBRE
1987

DIOXYDE 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	580	0.3	0	1	4	6	0	1	1	2
60807R	THUNDER BAY, ONT. 615 JAMES STREET SOUTH	741	0.0	0	0	1	1	0	0	0	0
60901C	LONDON, ONT. KING & RECTORY	720	0.2	0	1	3	6	0	1	2	2
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	717	1.1	1	7	11	13	2	4	5	6
61103C	PETERBOROUGH, ONT. 500 GEORGE STREET	0	---	-	-	-	-	-	-	-	-
61201R	CORNWALL, ONT. MEMORIAL PARK	719	0.7	0	4	8	25	1	2	4	4
61302C	ST. CATHARINES, ONT. ARGYLE CRESCENT	692	0.5	1	2	3	14	1	2	3	3
61501C	KITCHENER, ONT. EDNA & FREDERICK	622	0.1	0	1	1	1	0	0	1	1
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	633	0.3	0	2	3	4	0	1	2	2
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	606	0.9	1	3	5	5	1	2	3	3
61802R	GUELPH, ONT. EXHIBITION PARK	0	---	-	-	-	-	-	-	-	-
70118R	WINNIPEG, MAN. JEFFERSON & SCOTIA	711	0.0	0	0	0	1	0	0	0	0
70119C	65 ELLEN STREET	710	0.2	0	1	1	3	0	1	1	1
80110C	REGINA, SASK. 2505 11TH. AVENUE	705	0.1	0	0	1	1	0	0	0	0
80209C	SASKATOON, SASK. IDYLYLD DR. & 33RD ST.	704	0.1	0	0	0	0	0	0	0	0
80501C	ESTEVAN, SASK. 1 ST. & 14TH AVE.	662	0.1	0	0	1	4	0	0	1	1
80601C	LLOYDMINSTER, SASK. 44TH ST. & 48TH AVE.	704	0.0	0	0	0	0	0	0	0	0
90121I	EDMONTON, ALTA. 17 STREET & 105 AVENUE	731	0.2	0	1	1	2	0	0	1	1
90218I	CALGARY, ALTA. BONNY BRK & 18A ST. S.E.	739	0.7	1	2	3	3	1	2	2	2
00110R	VANCOUVER, B.C. E. HASTINGS & KENSINGTON	733	1.2	2	3	6	9	2	2	3	3
00111I	ROCKY PT. PARK	724	0.8	1	2	3	5	1	1	2	2
00112C	ROBSON/HORNBY	724	0.5	1	2	2	3	1	1	1	1
00118R	2550 WEST 10TH AVENUE	730	0.5	1	1	2	2	1	1	1	1
00303C	VICTORIA, B.C. 1250 QUADRA ST.	699	0.8	1	2	5	7	1	2	2	2
00401C	KAMLOOPS, B.C. 301 SEYMOUR ST.	46	---	0	0	0	0	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 MILLIONOCTOBER - OCTOBRE
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				CENTILES - DISTRIBUTIONS DES FREQUENCES				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	741	0.7	1	2	3	5	1	2	2	3	1	1	2	2
30117C	HALIFAX, N.S. BEDFORD ROW POST OFFICE	744	0.7	1	2	3	4	1	1	2	2	1	1	1	2
40202C	SAINT JOHN, N.B. POST OFFICE	0	---	-	-	-	-	-	-	-	-	-	-	-	-
50102R	MONTREAL, QUEBEC JARDIN BOTANIQUE	743	0.6	1	2	3	5	1	2	2	3	1	1	2	2
50103R	POINTE-AUX-TREMBLES	740	---	1	2	3	6	1	2	3	3	1	1	1	2
50104C	1125 ONTARIO EST	716	1.2	1	3	3	7	2	2	3	3	2	2	2	2
50109C	DUNCAN & DECARIE	586	1.3	2	4	6	7	2	4	4	5	2	3	3	3
50110C	PARC PILON, MTL.-NORD	634	0.8	1	3	5	9	1	3	4	5	1	2	3	3
50112C	BOUL. LAURENTIDES	0	---	-	-	-	-	-	-	-	-	-	-	-	-
50113R	PIE X & CARDINAL	0	---	-	-	-	-	-	-	-	-	-	-	-	-
50115C	1001 BOUL. MAISONNEUVE O.	587	2.0	3	5	6	7	3	4	6	6	2	3	5	5
50116R	3161 JOSEPH, VERDUN	569	0.6	1	2	3	3	1	2	2	2	1	2	2	2
50119R	699 CURE POIRIER	0	---	-	-	-	-	-	-	-	-	-	-	-	-
50203R	HULL, QUEBEC GAMBLIN & JOFFRE	739	0.7	1	2	3	5	1	2	2	2	1	1	1	2
50307C	QUEBEC, QUEBEC PARC CARTIER BREBOEUF	0	---	-	-	-	-	-	-	-	-	-	-	-	-
60101C	OTTAWA, ONT. 88 SLATER ST.	732	1.6	2	4	5	7	2	3	4	4	2	2	3	3
60104C	RIDEAU & WURTEMBURG	720	---	1	2	3	5	1	1	2	2	1	1	1	1
60204C	WINDSOR, ONT. 671 UNIVERSITY AVENUE	720	---	1	2	4	7	1	1	3	4	1	1	2	2
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	0	---	-	-	-	-	-	-	-	-	-	-	-	-
60403I	EVANS & ARNOLD	724	1.1	1	3	5	8	1	2	4	5	1	2	3	3
60410R	LAWRENCE & KENNEDY	721	0.9	1	3	5	6	1	3	3	4	1	2	3	3
60413R	ELMCREST ROAD	0	---	-	-	-	-	-	-	-	-	-	-	-	-
60415R	QUEENSWAY W & HURONTARIO	736	1.6	2	4	7	11	2	4	5	7	2	3	4	4
60416C	381 YONGE STREET	736	2.5	3	6	15	20	3	6	11	15	3	6	9	9
60417C	26 BREADALBANE STREET	712	1.0	1	3	4	8	1	3	3	3	1	2	2	3
60511R	HAMILTON, ONT. 467 BEACH BLVD.	638	0.5	1	2	3	5	1	2	3	3	1	2	2	2
60512C	BEASLEY PARK	695	0.9	1	2	4	8	1	2	3	5	1	2	3	4
60602R	SUDBURY, ONT. ASH STREET	719	---	0	1	2	7	0	1	1	1	0	0	0	0
60707I	SAULT STE. MARIE, ONT. WM. MERRIFIELD SCHOOL	580	0.7	1	2	3	5	1	2	2	2	1	1	2	2
60807R	THUNDER BAY, ONT. 615 JAMES STREET SOUTH	712	---	0	1	3	10	0	1	2	3	0	1	1	1
60901C	LONDON, ONT. KING & RECTORY	365	---	1	3	5	6	1	2	3	3	1	2	2	2
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	719	---	0	1	3	6	0	1	2	2	0	1	1	1
61201R	CORNWALL, ONT. MEMORIAL PARK	568	0.9	1	4	4	6	1	4	4	4	1	3	4	4
61302C	ST. CATHARINES, ONT. ARGYLE CRESCENT	0	---	-	-	-	-	-	-	-	-	-	-	-	-
61501C	KITCHENER, ONT. EDNA & FREDERICK	740	1.2	1	3	7	11	1	3	5	6	1	3	4	4
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	712	---	0	2	4	6	0	2	2	2	0	1	2	2
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	721	1.1	1	3	6	10	1	3	4	4	1	2	3	3
70118R	WINNIPEG, MAN. JEFFERSON & SCOTIA	711	---	0	2	5	9	0	2	3	4	0	1	2	2
70119C	65 ELLEN STREET	710	0.9	1	2	4	10	1	2	3	4	1	2	2	2
80110C	REGINA, SASK. 2505 11TH. AVENUE	736	1.4	2	3	4	6	2	3	3	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 MILLIONOCTOBER - OCTOBRE
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				MEANS				MEANS			
				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.	735	***	1	1	2	3	1	1	1	1	1	1	1	1
901211	EDMONTON, ALTA. 17 STREET & 105 AVENUE	731	0.6	1	2	3	5	1	1	2	2	1	1	1	1
90122R	127 ST. & 133 AVENUE	744	1.4	1	4	8	15	2	4	5	6	2	3	4	4
90130C	10255 - 104TH STREET	742	1.6	2	4	7	8	2	3	4	5	2	3	3	3
90222R	CALGARY, ALTA. 39 ST. & 29 AVE. N.W.	740	0.9	1	3	7	12	1	3	5	7	1	3	3	3
90227C	1611-4TH STREET S.W.	742	1.9	2	5	10	25	2	5	8	9	2	4	5	5
00108I	VANCOUVER, B.C. 250 WEST 70TH AVENUE	730	2.3	3	7	10	13	3	5	6	7	3	4	5	5
00110R	E. HASTINGS & KENSINGTON	733	1.3	2	3	4	6	2	3	3	3	2	2	2	2
00111I	ROCKY PT. PARK	730	1.3	2	4	6	8	2	3	3	4	2	2	3	3
00112C	ROBSON/HORNBY	724	3.1	4	7	11	14	4	6	8	9	4	5	5	5
00118R	2550 WEST 10TH AVENUE	732	2.3	3	6	8	10	3	5	5	6	3	4	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 MILLIONOCTOBER - OCTOBRE
1987DIOXYDE 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		1-HOUR / HEURE		24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX
30115I	HALIFAX, N.S.	216	---	0	1	2	3	0	1	1	1
30117C	CFB SHEARWATER	744	2.2	3	4	5	7	3	3	4	4
40202C	SAINT JOHN, N.B.	0	---	-	-	-	-	-	-	-	-
40203R	POST OFFICE	0	---	-	-	-	-	-	-	-	-
	FOREST HILLS	0	---	-	-	-	-	-	-	-	-
50102R	MONTREAL, QUEBEC	743	1.7	2	4	5	5	2	3	3	3
50104C	JARDIN BOTANIQUE	0	---	-	-	-	-	-	-	-	-
50109C	1125 ONTARIO EST	583	4.6	6	9	11	13	5	7	9	9
50110C	DUNCAN & DECARIE	737	1.3	2	3	3	4	2	2	3	3
50112C	PARC PILON, MTL.-NORD	0	---	-	-	-	-	-	-	-	-
50113R	BOUL. LAURENTIDES	0	---	-	-	-	-	-	-	-	-
50113R	PIE X & CARDINAL	736	5.3	7	9	11	12	6	8	9	9
50115C	1001 BOUL MAISONNEUVE O.	691	***	1	2	3	3	1	2	2	2
50116R	3161 JOSEPH, VERDUN	0	---	-	-	-	-	-	-	-	-
50119R	699 CURE POIRIER	0	---	-	-	-	-	-	-	-	-
50203R	HULL, QUEBEC	743	1.3	2	3	5	6	2	3	3	3
50307C	GAMBLIN & JOFFRE	0	---	-	-	-	-	-	-	-	-
60101C	QUEBEC, QUEBEC	733	3.4	4	6	7	8	4	5	6	6
60104C	PARC CARTIER BREBOEUF	653	1.7	2	4	5	7	2	3	3	3
60204C	OTTAWA, ONT.	718	3.0	3	5	6	7	3	4	5	5
60402R	471 UNIVERSITY AVENUE	0	---	-	-	-	-	-	-	-	-
60403I	TORONTO, ONT.	724	4.8	6	7	8	8	6	7	7	7
60410R	DON MILLS, SCIENCE CNTR	723	2.1	3	4	6	10	3	4	6	6
60413R	EVANS & ARNOLD	0	---	-	-	-	-	-	-	-	-
60415R	LAWRENCE & KENNEDY	674	2.3	3	4	5	8	3	4	5	5
60417C	ELMCREST ROAD	725	2.4	3	5	6	9	3	5	6	6
60511R	QUEENSWAY W & HURONTARIO	721	2.2	3	4	5	11	3	4	4	5
60512C	26 BREADALBANE STREET	694	2.5	3	5	7	14	3	4	6	7
60707I	HAMILTON, ONT.	580	1.3	2	3	5	11	2	2	3	4
60807R	467 BEACH BLVD.	0	---	-	-	-	-	-	-	-	-
60901C	BEASLEY PARK	722	1.8	2	4	6	8	2	4	4	4
61004R	SAULT STE. MARIE, ONT.	687	2.0	3	5	10	22	3	4	8	9
61201R	FRONT ST. AT C.N. TRACKS	721	***	1	3	4	6	1	3	3	3
61302C	CORNWALL, ONT.	0	---	-	-	-	-	-	-	-	-
61501C	MEMORIAL PARK	737	2.6	3	5	6	7	3	5	5	5
61602R	ST. CATHARINES, ONT.	594	2.0	3	4	6	9	2	4	4	4
61701R	ARGYLE CRESCENT	584	2.5	3	5	8	9	3	5	6	6
70118R	KITCHENER, ONT.	711	1.1	1	3	4	5	1	2	2	3
70119C	EDNA & FREDERICK	710	2.2	3	4	4	5	3	3	4	4
80110C	OAKVILLE, ONT.	735	2.1	3	4	4	6	2	3	3	3
80209C	BRONTE AND WOBURN CRES.	735	1.9	2	4	5	7	2	3	3	3
90122R	OSHAWA, ONT.	729	2.1	3	4	5	6	3	3	4	4
90130C	RITSON RD. & OLIVE AVE.	740	2.9	3	5	5	6	3	4	4	4
	WINNIPEG, MAN.	711	1.1	1	3	4	5	1	2	2	3
	JEFFERSON & SCOTIA	710	2.2	3	4	4	5	3	3	4	4
	65 ELLEN STREET	735	2.1	3	4	4	6	2	3	3	3
	REGINA, SASK.	735	1.9	2	4	5	7	2	3	3	3
	2505 11TH AVENUE	729	2.1	3	4	5	6	3	3	4	4
	SASKATOON, SASK.	740	2.9	3	5	5	6	3	4	4	4
	IDYLYLD DR. & 33RD ST.	729	2.1	3	4	5	6	3	3	4	4
	EDMONTON, ALTA.	740	2.9	3	5	5	6	3	4	4	4
	127 ST. & 133 AVENUE	729	2.1	3	4	5	6	3	3	4	4
	10255 - 104TH STREET	740	2.9	3	5	5	6	3	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

OCTOBER - OCTOBRE
1967

DIOXYDE D'AZOTE
PARTIES PAR CENT MILLIONS

STATION	LOCATION	NUMBER OF HOURLY SAMPLES NOMBRE DE DONNEES HORAIRES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS - CENTILES - DISTRIBUTIONS DES FREQUENCES				MEANS ---- MOYENNES			
	EMPLACEMENT			INTERVALS - INTERVALLES		1-HOUR / HEURE	24-HOUR / HEURES				
				70	95			99	MAX	70	95
CALGARY, ALTA.											
90222R	39 ST. & 29 AVE. N.W.	682	2.1	3	4	5	7	3	3	3	4
90227C	1611-4TH STREET S.W.	738	3.4	4	5	6	10	4	4	5	5
VANCOUVER, B.C.											
00108I	250 WEST 70TH AVENUE	0	---	-	-	-	-	-	-	-	-
00110R	E. HASTINGS & KENSINGTON	722	3.4	4	7	10	13	4	5	7	7
00111I	ROCKY PT. PARK	710	2.9	3	7	9	12	3	5	5	5
00112C	ROBSON/HORNEY	722	3.1	3	6	8	11	3	5	6	6
00118R	2550 WEST 10TH AVENUE	727	3.1	4	5	8	15	3	5	5	5
WHITEHORSE, YUKON											
09001C	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 MILLIONOCTOBER - OCTOBRE
1987OZONE
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
301151	HALIFAX, N.S.										
30117C	CFB SHEARWATER	677	3.4	4	5	7	10	4	5	5	6
	BEDFORD ROW POST OFFICE	744	1.3	2	3	3	4	2	2	3	3
30501R	KEJIMKUJIK, N.S.										
	NATIONAL PARK	719	2.4	3	4	4	4	3	3	3	3
30601R	FALL RIVER, N.S.										
	123 OAKES ROAD	739	2.4	3	5	5	6	3	4	4	4
40202C	SAINT JOHN, N.B.										
40203R	POST OFFICE	0	---	-	-	-	-	-	-	-	-
	FOREST HILLS	0	---	-	-	-	-	-	-	-	-
50102R	MONTREAL, QUEBEC										
50103R	JARDIN BOTANIQUE	737	0.9	1	2	3	5	1	2	2	3
50104C	POINTE-AUX-TREMBLES	743	1.4	2	3	5	5	2	3	3	3
50109C	1125 ONTARIO EST	739	0.5	1	2	2	3	1	1	1	2
50110C	DUNCAN & DECARIE	563	0.7	1	2	2	3	1	1	2	2
50112C	PARC PILON, MTL.-NORD	740	1.0	1	3	4	5	1	2	3	3
50113R	BOUL. LAURENTIDES	0	---	-	-	-	-	-	-	-	-
50115C	PIE X & CARDINAL	0	---	-	-	-	-	-	-	-	-
50116R	1001 BOUL. MAISONNEUVE O.	743	---	0	1	3	3	0	1	2	2
50119R	3161 JOSEPH, VERDUN	691	1.0	1	3	4	5	1	2	3	3
	699 CURE POIRIER	0	---	-	-	-	-	-	-	-	-
50306R	QUEBEC, QUEBEC										
50307C	2026 BLVD. ST-CYRILLE	0	---	-	-	-	-	-	-	-	-
	PARC CARTIER BREBOEUF	0	---	-	-	-	-	-	-	-	-
51401R	ST. ETIENNE, QUEBEC										
	135 DUPUIS	302	---	3	4	4	5	2	3	4	4
60101C	OTTAWA, ONT.										
60104C	88 SLATER ST.	664	---	1	1	2	2	1	1	1	2
	RIDEAU & WURTEMBURG	719	0.9	1	2	3	4	1	2	2	2
60204C	WINDSOR, ONT.										
	471 UNIVERSITY AVENUE	715	1.0	1	3	4	5	1	2	3	3
60402R	TORONTO, ONT.										
60403I	DON MILLS, SCIENCE CNTR	0	---	-	-	-	-	-	-	-	-
60410R	EVANS & ARNOLD	721	0.7	1	2	3	4	1	1	2	2
60413R	LAWRENCE & KENNEDY	679	0.9	1	3	4	4	1	2	2	2
60415R	ELMCREST ROAD	0	---	-	-	-	-	-	-	-	-
60417C	QUEENSWAY W & HURONTARIO	0	---	-	-	-	-	-	-	-	-
	26 BREADALBANE STREET	722	0.8	1	2	3	3	1	2	2	2
60512C	HAMILTON, ONT.										
	BEASLEY PARK	695	0.9	1	2	3	5	1	2	2	2
60602R	SUDBURY, ONT.										
	ASH STREET	718	1.6	2	3	4	5	2	3	4	4
60707I	SAULT STE. MARIE, ONT.										
	WM. MERRIFIELD SCHOOL	580	1.5	2	3	4	5	2	2	3	3
60807R	THUNDER BAY, ONT.										
	615 JAMES STREET SOUTH	661	1.7	2	3	3	4	2	3	3	3
60901C	LONDON, ONT.										
	KING & RECTORY	671	1.2	2	3	4	4	1	2	2	2
61004R	SARNIA, ONT.										
	FRONT ST. AT C.N. TRACKS	699	1.9	3	4	5	6	2	4	4	4
61201R	CORNWALL, ONT.										
	MEMORIAL PARK	719	1.5	2	3	4	6	2	3	3	3
61302C	ST. CATHARINES, ONT.										
	ARGYLE CRESCENT	0	---	-	-	-	-	-	-	-	-
61501C	KITCHENER, ONT.										
	EDNA & FREDERICK	737	1.1	2	3	4	4	1	2	3	3
61602R	OAKVILLE, ONT.										
	BRONTE AND WOBURN CRES.	738	1.0	2	3	3	4	1	2	2	2
61701R	OSHAWA, ONT.										
	RITSON RD. & OLIVE AVE.	685	1.0	2	3	3	4	1	2	2	2
61802R	GUELPH, ONT.										
	EXHIBITION PARK	0	---	-	-	-	-	-	-	-	-

*** 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 ASSET DE DONNEES POUR CALCULER UNE MOYENNE VALABLE.

OZONE PARTS PER HUNDRED MILLION		OCTOBER - OCTOBRE 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				MEANS ---- MOYENNES			
				INTERVALS - INTERVALLES		1-HOUR / HEURE		24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX
70118R	WINNIPEG, MAN. JEFFERSON & SCOTIA	711	1.9	2	3	4	4	2	3	3	3
70119C	65 ELLEN STREET	710	1.2	2	3	4	4	2	2	3	3
80110C	REGINA, SASK. 2505 11TH AVENUE	736	1.2	2	2	3	4	1	2	2	3
80209C	SASKATOON, SASK. IDYLWYLD DR. & 33RD ST.	735	1.4	2	3	3	4	2	2	2	3
90122R	EDMONTON, ALTA. 127 ST. & 133 AVENUE	742	1.4	2	3	4	4	2	3	3	3
90130C	10255 - 104TH STREET	742	2.0	2	4	4	5	2	3	3	4
90222R	CALGARY, ALTA. 39 ST. & 29 AVE. N.W.	739	1.7	3	4	4	5	2	3	3	3
90227C	1611-4TH STREET S.W.	742	1.1	2	3	4	4	1	2	2	2
00108I	VANCOUVER, B.C. 250 WEST 70TH AVENUE	729	0.5	1	2	3	3	1	1	2	2
00110R	E. HASTINGS & KENSINGTON	690	0.7	1	3	3	4	1	2	2	2
00111I	ROCKY PT. PARK	729	0.6	1	3	5	10	1	1	2	2
00112C	ROBSON/HORNEY	741	***	0	1	1	1	0	0	0	0
00118R	2550 WEST 10TH AVENUE	641	***	1	2	3	3	1	1	2	2
00303C	VICTORIA, B.C. 1250 QUADRA ST.	630	1.2	2	3	4	6	1	2	3	3
00601C	PENTICTON, B.C. 400 CARMICHAEL AVE.	0	---	-	-	-	-	-	-	-	-
00701C	KELOWNA, B.C. 100 KLO RD.	0	---	-	-	-	-	-	-	-	-

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

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

SOILING INDEX
COH UNITS PER 1000 LINEAR FT.OCTOBER - OCTOBRE
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	175	----	0.2	0.5	0.7	0.7	0.2	0.4	0.4	0.4
50110C	PARC PILON, MTL.-NORD	311	0.30	0.3	0.9	1.3	2.3	0.4	0.7	0.9	0.9
50115C	1001 BOUL MAISONNEUVE O.	345	0.55	0.7	1.2	1.7	2.4	0.7	0.9	1.0	1.0
50116R	3161 JOSEPH, VERDUN	331	----	0.1	0.2	0.4	0.5	0.1	0.2	0.2	0.2
50203R	HULL, QUEBEC										
	GAMBLIN & JOFFRE	372	0.22	0.3	0.6	1.4	1.9	0.3	0.5	0.6	0.6
60101C	OTTAWA, ONT.										
	88 SLATER ST.	354	0.41	0.5	1.3	1.7	2.1	0.6	0.8	0.8	0.8
60104C	RIDEAU & WURTEMBERG	720	(1) 0.26	0.3	0.7	1.1	1.5	0.3	0.5	0.6	0.6
60204C	WINDSOR, ONT.										
	471 UNIVERSITY AVENUE	721	(1) 0.41	0.5	1.0	1.8	2.3	0.5	0.8	1.0	1.0
60211R	COLLEGE & PRINCE	719	(1) 0.44	0.5	1.1	2.4	2.5	0.5	0.9	1.1	1.2
60403I	TORONTO, ONT.										
	EVANS & ARNOLD	0	----	-	-	-	-	-	-	-	-
60410R	LAWRENCE & KENNEDY	719	(1) 0.51	0.6	1.3	1.9	2.2	0.7	1.0	1.4	1.5
60417C	26 BREADALBANE STREET	718	(1) 0.46	0.5	1.1	1.8	2.1	0.5	1.1	1.6	1.6
60501C	HAMILTON, ONT.										
	BARTON & SANFORD	718	(1) 0.56	0.6	1.5	2.0	2.9	0.6	1.2	1.8	1.8
60511R	467 BEACH BLVD.	589	(1) 0.39	0.5	1.0	1.7	2.0	0.4	1.0	1.2	1.2
60512C	BEASLEY PARK	346	0.48	0.5	1.5	2.8	3.6	0.5	1.2	2.1	2.4
60602R	SUDBURY, ONT.										
	ASH STREET	673	(1) 0.19	0.2	0.6	0.9	1.6	0.2	0.4	0.6	0.6
60707I	SAULT STE. MARIE, ONT.										
	WM. MERRIFIELD SCHOOL	286	0.56	0.8	1.5	2.6	2.9	0.7	1.0	1.2	1.2
60807R	THUNDER BAY, ONT.										
	615 JAMES STREET SOUTH	705	(1) ----	0.1	0.2	0.3	0.5	0.1	0.1	0.2	0.2
60901C	LONDON, ONT.										
	KING & RECTORY	606	(1) 0.35	0.4	1.0	1.4	1.8	0.5	0.7	0.8	0.8
61004R	SARNIA, ONT.										
	FRONT ST. AT C.N. TRACKS	708	(1) 0.24	0.3	0.7	1.0	1.5	0.3	0.5	0.6	0.6
61201R	CORNWALL, ONT.										
	MEMORIAL PARK	586	(1) ----	0.0	0.2	0.3	0.3	0.0	0.1	0.2	0.2
61302C	ST. CATHARINES, ONT.										
	ARGYLE CRESCENT	346	0.34	0.4	0.9	1.5	2.9	0.4	0.9	1.2	1.2
61602R	OAKVILLE, ONT.										
	BRONTE AND WOBURN CRES.	0	----	-	-	-	-	-	-	-	-
61701R	OSHAWA, ONT.										
	RITSON RD. & OLIVE AVE.	741	(1) 0.50	0.6	1.3	1.9	2.4	0.7	1.0	1.4	1.4
61802R	GUELPH, ONT.										
	EXHIBITION PARK	500	(1) 0.40	0.5	1.2	1.7	1.9	0.5	1.0	1.0	1.1
70118R	WINNIPEG, MAN.										
	JEFFERSON & SCOTIA	656	(1) 0.12	0.1	0.3	0.7	1.0	0.1	0.2	0.3	0.3
70119C	65 ELLEN STREET	602	(1) 0.23	0.3	0.5	0.9	1.4	0.3	0.4	0.5	0.5
90122R	EDMONTON, ALTA.										
	127 ST. & 133 AVENUE	705	(1) 0.32	0.3	1.0	1.4	2.4	0.4	0.6	1.0	1.0
90130C	10255 - 104TH STREET	744	(1) 0.25	0.3	0.7	1.1	1.3	0.3	0.5	0.6	0.6
90218I	CALGARY, ALTA.										
	BONNY BRK & 18A ST. S.E.	744	(1) 0.45	0.5	1.3	3.1	4.3	0.5	1.2	1.6	1.8
90222R	39 ST. & 29 AVE. N.W.	744	(1) 0.16	0.2	0.5	0.8	1.1	0.2	0.4	0.4	0.4
90227C	1611-4TH STREET S.W.	744	(1) 0.45	0.5	1.3	2.0	2.1	0.6	0.8	1.0	1.0
00102R	VANCOUVER, B.C.										
	100 RICHMOND STREET	372	0.52	0.6	1.3	1.6	1.9	0.6	0.8	0.9	0.9
00108I	250 WEST 70TH AVENUE	52	----	1.0	1.5	1.8	1.8	0.7	1.1	1.2	1.2
00110R	E. HASTINGS & KENSINGTON	372	0.31	0.4	0.8	1.2	1.4	0.4	0.6	0.7	0.7
00111I	ROCKY PT. PARK	270	0.28	0.4	0.6	0.9	1.1	0.3	0.4	0.5	0.5
00112C	ROBSON/HORNEY	364	0.26	0.3	0.8	1.1	1.3	0.3	0.5	0.6	0.7
00118R	2550 WEST 10TH AVENUE	0	----	-	-	-	-	-	-	-	-
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 INFÉRIEURES À 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

OCTOBER - OCTOBRE
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
		6	12	18	24	30		6	12	18	24	30	
10101C	ST. JOHN'S, NFLD. DUCKWORTH & ORDINANCE	25	21	26	20	30	24	0.0	0.0	0.0	0.0	0.1	0.0
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	-	-	-	18	-	-	-	-	-	0.0	-	-
30101C	HALIFAX, N.S. N.S. TECHNICAL COLLEGE	-	13	-	-	54	-	-	0.0	-	-	0.0	-
30102R	DALHOUSIE UNIVERSITY	-	-	-	-	25	-	-	-	-	-	0.0	-
30115I	CFB SHEARWATER	-	10	15	15	15	14	-	0.0	0.0	0.0	0.0	0.0
30310C	SYDNEY, N.S. COUNTY JAIL	47	14	34	32	41	34	0.2	0.0	0.1	0.1	0.2	0.1
30311R	WHITNEY PIER FIRE STN.	-	-	-	-	-	-	-	-	-	-	-	-
30409R	GLACE BAY, N.S. SOUTH STREET	35	44	80	-	38	49	0.0	0.0	0.0	-	0.0	0.0
40102C	FREDERICTON, N.B. YORK STREET	91	46	51	56	36	56	0.1	0.1	0.1	0.0	0.0	0.1
40201C	SAINT JOHN, N.B. 110 CHARLOTTE STREET	42	22	37	50	43	39	0.1	0.0	0.0	0.0	0.0	0.0
40203R	FOREST HILLS	36	17	44	52	44	39	0.0	0.0	0.0	0.0	0.0	0.0
50102R	MONTREAL, QUEBEC JARDIN BOTANIQUE	38	23	23	22	26	26	0.0	0.0	0.0	0.0	0.1	0.0
50103R	POINTE-AUX-TREMBLES	-	46	23	55	58	46	-	0.2	0.0	0.1	0.2	0.1
50104C	1125 ONTARIO EST	83	42	27	55	-	52	0.1	0.1	0.1	0.1	-	0.1
50109C	DUNCAN & DECARIE	-	-	52	78	112	81	-	-	0.1	0.1	0.2	0.1
50110C	PARC PILON, MTL.-NORD	-	-	-	-	-	-	-	-	-	-	-	-
50112C	BOUL. LAURENTIDES	-	-	-	-	-	-	0.0	0.0	0.0	0.0	-	0.0
50113R	PIE X & CARDINAL	-	-	-	-	-	-	0.0	0.1	0.0	0.0	-	0.0
50116R	3161 JOSEPH. VERDUN	75	50	30	55	61	54	0.1	0.1	0.1	0.1	0.1	0.1
50119R	699 CURE POIRIER	-	-	-	-	-	-	0.1	0.1	0.0	0.0	0.1	0.1
50203R	HULL, QUEBEC GAMBLIN & JOFFRE	103	27	17	33	27	41	0.2	0.1	0.0	0.1	0.1	0.1
50303I	QUEBEC, QUEBEC CENTRE LOISIRS LIMOULOU	-	-	-	-	-	-	0.2	0.2	0.1	0.1	0.1	0.1
50306R	2026 BLVD. ST-CYRILLE	-	-	-	-	-	-	0.1	0.2	0.1	-	-	0.1
50307C	PARC CARTIER BREBOEUF	-	-	-	-	-	-	-	-	-	-	-	-
50403C	SHERBROOKE, QUEBEC WELLINGTON & ALBERT	-	-	-	-	-	-	0.1	0.1	0.1	0.1	0.1	0.1
50502R	CHICOUTIMI, QUEBEC USINE DE FILTRATION	-	-	-	-	-	-	0.0	0.1	-	-	-	-
50503C	222 RACINE	-	-	-	-	-	-	0.1	-	-	-	0.1	-
50601C	ROUYN, QUEBEC HOTEL DE VILLE	-	-	-	-	-	-	0.0	0.0	0.0	0.7	0.1	0.2
50701C	SEPT-ILES, QUEBEC HOTEL DE VILLE	-	-	-	-	-	-	-	-	-	-	-	-
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	-	-	-	-	-	-	0.1	0.2	0.1	0.1	0.1	0.1
50901R	ARVIDA, QUEBEC POWELL & HOOPES	-	-	-	-	-	-	0.1	0.1	0.1	0.1	0.1	0.1
51201I	SHAWINIGAN, QUEBEC FRIGON & LAVAL	-	-	-	-	-	-	-	-	-	-	-	-
51301R	BAIE COMEAU, QUEBEC 39 AVE. MARGUERITE	-	-	-	-	-	-	-	-	-	-	-	-
51302R	39 AVENUE MANCE	-	-	-	-	-	-	-	-	-	-	-	-
60101C	OTTAWA, ONT. 88 SLATER ST.	90	20	32	46	38	45	0.1	0.0	0.0	0.1	0.1	0.1
60104C	RIDEAU & WURTEMBERG	121	31	23	28	37	48	0.1	0.1	0.0	0.1	0.1	0.1
60202C	WINDSOR, ONT. CITY HALL	56	48	40	50	85	56	0.1	0.1	0.1	0.1	0.1	0.1
60203R	TECUMSEH WATER WORKS	42	40	35	35	56	42	0.1	0.1	0.1	0.1	0.1	0.1
60204C	471 UNIVERSITY AVENUE	64	86	78	52	85	73	0.1	0.2	0.1	0.2	0.1	0.1
60212I	WATER & WRIGHT AVE.	83	96	69	72	92	82	-	-	-	-	-	-
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	49	-	30	29	52	40	0.0	-	1.1	0.1	0.0	0.3
60403I	EVANS & ARNOLD	68	34	33	52	91	56	0.1	0.1	0.1	0.3	0.3	0.2
60409R	REDLANDS CRESCENT	17	-	26	33	46	31	0.0	-	0.1	0.1	0.0	0.1
60410R	LAWRENCE & KENNEDY	70	32	34	27	84	49	0.1	0.1	0.1	0.1	0.2	0.1
60413R	ELMCREST ROAD	154	30	91	54	45	75	0.3	0.0	0.2	0.2	0.3	0.2
60415R	QUEENSWAY W & HURONTARIO	63	23	25	48	76	47	0.1	0.1	0.0	0.1	0.1	0.1
60417C	26 BREADALBANE STREET	72	34	38	51	76	54	0.1	0.1	0.1	0.1	0.2	0.1
60501C	HAMILTON, ONT. BARTON & SANFORD	55	24	32	73	81	53	0.1	0.1	0.1	0.3	0.2	0.2
60503I	CHATHAM & FRID	68	65	36	84	125	76	0.1	0.1	0.1	0.3	0.1	0.1

SUSPENDED PARTICULATE MATTER AND LEAD
 MICROGRAMS PER CUBIC METRE
OCTOBER - OCTOBRE
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
		6	12	18	24	30		6	12	18	24	30	
60511R	467 BEACH BLVD.	84	56	56	71	111	76	-	-	-	-	-	-
	SUDBURY, ONT.												
60602R	ASH STREET	31	29	19	13	15	21	0.0	0.1	0.1	0.1	0.0	0.1
60605C	19 LISGAR STREET	30	31	21	21	30	27	0.0	0.1	0.0	0.1	0.1	0.1
	SAULT STE. MARIE, ONT.												
60707X	WM. MERRIFIELD SCHOOL	19	41	34	26	23	29	0.0	0.0	0.0	0.1	0.0	0.0
	THUNDER BAY, ONT.												
60801C	14 ALGOMA STREET	-	-	-	-	-	-	0.0	-	0.0	0.1	0.0	0.0
60807R	615 JAMES STREET SOUTH	7	36	23	21	25	22	0.0	0.1	0.0	0.1	0.1	0.1
	LONDON, ONT.												
60901C	KING & RECTORY	77	60	44	-	92	68	0.1	0.2	0.1	-	0.2	0.2
60902C	372 DUNDAS	90	41	40	52	99	64	0.1	0.0	0.0	0.1	0.1	0.1
	SARNIA, ONT.												
61004R	FRONT ST. AT C.N. TRACKS	47	44	30	41	55	43	0.1	0.1	0.0	0.1	0.0	0.1
	PETERBOROUGH, ONT.												
61103C	500 GEORGE STREET	-	-	-	-	-	-	-	-	-	-	-	-
	CORNWALL, ONT.												
61201R	MEMORIAL PARK	-	-	-	-	-	-	-	-	-	-	-	-
	ST. CATHARINES, ONT.												
61302C	ARGYLE CRESCENT	-	-	-	-	-	-	-	-	-	-	-	-
	KITCHENER, ONT.												
61501C	EDNA & FREDERICK	61	32	32	54	68	49	0.1	0.2	0.1	0.5	0.1	0.2
	OAKVILLE, ONT.												
61602R	BRONTE AND WOBURN CRES.	63	75	42	52	43	55	0.1	0.2	0.1	0.1	0.1	0.1
	OSHAWA, ONT.												
61701R	RITSON RD. & OLIVE AVE.	67	41	36	53	74	54	0.1	0.1	0.0	0.1	0.1	0.1
	GUELPH, ONT.												
61802R	EXHIBITION PARK	61	24	21	36	49	38	0.0	0.0	0.0	0.1	0.1	0.0
	WINNIPEG, MAN.												
70102R	PORTAGE & WOODLAWN	73	44	36	25	68	49	0.1	0.0	0.2	0.1	0.2	0.1
70118R	JEFFERSON & SCOTIA	12	37	16	20	33	24	0.0	0.1	0.0	0.1	0.1	0.1
70119C	65 ELLEN STREET	26	59	27	39	66	43	0.1	0.1	0.1	0.1	0.5	0.2
	BRANDON, MAN.												
70201C	11TH ST. & PRINCESS AVE.	26	55	18	23	35	31	0.1	0.1	0.0	0.1	0.1	0.1
	REGINA, SASK.												
80102R	3211 ALBERT STREET	36	34	16	15	30	26	0.1	0.0	0.0	0.0	0.0	0.0
80110C	2505 11TH AVENUE	57	35	33	29	34	38	0.2	0.1	0.1	0.0	0.1	0.1
	SASKATOON, SASK.												
80203R	30TH ST. & 833 P AVE.	26	62	-	32	50	43	0.1	0.0	-	0.1	0.1	0.1
80209C	IDYLWYLD DR. & 33RD ST.	39	65	26	39	42	42	0.1	0.0	0.0	0.1	0.1	0.1
	MOOSE JAW, SASK.												
80302C	110 OHINICA STREET	46	71	23	35	48	45	0.1	0.1	0.0	0.0	0.1	0.1
	ESTEVAN, SASK.												
80501C	1 ST. & 14TH AVE.	65	361	18	29	81	111	0.0	0.0	0.0	0.0	0.0	0.0
	LLOYDMINSTER, SASK.												
80601C	44TH ST. & 48TH AVE.	46	75	39	56	89	61	0.1	0.0	0.0	0.0	0.1	0.0
	EDMONTON, ALTA.												
90121I	17 STREET & 105 AVENUE	68	47	31	71	102	64	0.1	0.1	0.0	0.1	0.1	0.1
90122R	127 ST. & 133 AVENUE	41	53	24	62	59	48	0.1	0.1	0.1	0.4	0.1	0.2
90130C	10255 - 104TH STREET	67	113	50	79	113	84	0.2	0.2	0.2	0.2	0.3	0.2
	CALGARY, ALTA.												
90204C	316-7TH AVENUE	181	96	53	86	249	133	0.2	0.2	0.2	0.1	0.7	0.3
90218I	BONNY BRK & 18A ST. S.E.	104	111	41	70	146	94	0.3	0.2	0.1	0.3	0.9	0.4
90222R	39 ST. & 29 AVE. N.W.	67	91	20	36	100	63	0.1	0.1	0.0	0.1	0.4	0.1
	YELLOWKNIFE, N.W.T.												
99001C	50TH AVE. & 49TH STREET	-	98	13	34	36	45	-	0.1	0.0	0.1	0.1	0.1
	INUVIK, N.W.T.												
99201C	D.I.A.N.D. RESEARCH LAB.	-	-	-	-	-	-	-	-	-	-	-	-
	IQUALUIT, N.W.T.												
99301C	BAY BLDG.	-	-	-	-	-	-	-	-	-	-	-	-
	VANCOUVER, B.C.												
00102R	100 RICHMOND STREET	99	55	56	67	42	64	0.1	0.3	0.3	0.2	0.1	0.2
00104R	27TH & ONTARIO	38	36	39	-	-	38	0.4	0.3	0.2	-	-	0.3
00108I	250 WEST 70TH AVENUE	134	65	56	62	79	79	0.6	0.4	0.3	0.1	0.3	0.3
00109C	970 BURRARD	63	45	-	53	31	48	0.6	0.4	-	0.2	0.2	0.4
00110R	E. HASTINGS & KENSINGTON	44	44	35	39	17	36	0.4	0.2	0.2	0.1	0.1	0.2
00111I	ROCKY PT. PARK	65	43	43	-	32	46	0.3	0.2	0.2	-	0.1	0.2

SUSPENDED PARTICULATE MATTER AND LEAD
MICROGRAMS PER CUBIC METRE

OCTOBER - OCTOBRE
1987

PLOMB ET PARTICULES EN SUSPENSION
MICROGRAMMES PAR METRE CUBE

STATION	LOCATION EMPLACEMENT	----- PARTICULATES / PARTICULES -----					----- LEAD / PLOMB -----						
		----- DAY / JOUR -----					----- DAY / JOUR -----						
		6	12	18	24	30	MEAN MOYENNE	6	12	18	24	30	MEAN MOYENNE
001131	ANNACIS ISLAND, DELTA	109	57	53	54	42	63	0.4	0.3	0.2	0.1	0.2	0.2
00114C	MUNICIPAL HALL, RICHMOND	41	49	42	57	57	49	0.3	0.4	0.3	0.2	0.3	0.3
00115R	NEWTON ELEM. SCH., SURREY	-	59	64	-	34	52	-	0.4	0.4	-	0.1	0.3
00116R	FIRE HALL, N. VANCOUVER	58	43	-	-	16	39	0.6	0.3	-	-	0.2	0.4
00117R	BCIT BURNABY	50	36	39	43	34	40	0.5	0.4	0.4	0.2	0.5	0.4
00118R	2550 WEST 10TH AVENUE	32	-	-	48	34	38	0.4	-	-	0.2	0.4	0.3
00202C	PRINCE GEORGE, B.C. 1011 4TH AVENUE	127	48	58	90	42	73	0.2	0.1	0.1	0.2	0.1	0.1
00303C	VICTORIA, B.C. 1250 QUADRA ST.	52	55	54	46	59	53	0.5	0.7	0.7	0.4	0.6	0.6
00401C	KAMLOOPS, B.C. 301 SEYMOUR ST.	73	63	38	60	75	62	0.2	0.1	0.1	0.2	0.2	0.2
00601C	PENTICTON, B.C. 400 CARMICHAEL AVE.	-	-	-	-	-	-	-	-	-	-	-	-
00701C	KELOWNA, B.C. 100 KLO RD.	96	52	24	78	93	69	0.2	0.1	0.0	0.2	0.3	0.2
09001C	WHITEHORSE, YUKON FEDERAL BUILDING	51	23	17	9	76	35	0.2	0.1	0.0	0.0	0.2	0.1

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

OCTOBER - OCTOBRE
1987

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

STATION	LOCATION EMPLACEMENT	----- DAY / JOUR -----				
		6	12	18	24	30
10101C	ST. JOHN'S, NFLD. DUCKWORTH & ORDINANCE	-	-	1	0	0
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	-	-	-	0	-
30115I	HALIFAX, N.S. CFB SHEARWATER	-	0	0	0	0
30310C	SYDNEY, N.S. COUNTY JAIL	0	1	0	0	0
30409R	GLACE BAY, N.S. SOUTH STREET	-	-	-	-	-
40203R	SAINT JOHN, N.B. FOREST HILLS	-	-	-	-	-
50102R	MONTREAL, QUEBEC JARDIN BOTANIQUE	1	0	0	0	0
50103R	POINTE-AUX-TREMBLES	-	1	1	2	3
50104C	1125 ONTARIO EST	4	0	0	0	-
50109C	DUNCAN & DECARIE	-	-	1	2	2
50110C	PARC PILON, MTL.-NORD	-	-	-	-	-
50112C	BOUL. LAURENTIDES	-	-	-	-	-
50113R	PIE X & CARDINAL	-	-	-	-	-
50116R	3161 JOSEPH, VERDUN	-	1	1	2	2
50119R	699 CURE POIRIER	-	-	-	-	-
50203R	HULL, QUEBEC GAMBLIN & JOFFRE	3	0	0	0	0
50303I	QUEBEC, QUEBEC CENTRE LOISIRS LIMOILLOU	-	-	-	-	-
50306R	2026 BLVD. ST-CYRILLE	-	-	-	-	-
50307C	PARC CARTIER BREBECUF	-	-	-	-	-
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.	3	0	0	0	1
60104C	RIDEAU & WURTEMBURG	0	0	0	0	0
60204C	WINDSOR, ONT. 471 UNIVERSITY AVENUE	1	1	0	1	4
60212I	WATER & WRIGHT AVE.	1	3	-	1	3
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	-	-	-	-	-
60403I	EVANS & ARNOLD	1	-	0	1	3
60409R	REDLANDS CRESCENT	-	-	-	-	-
60410R	LAWRENCE & KENNEDY	1	0	0	0	6
60413R	ELMCREST ROAD	-	-	-	-	-
60415R	QUEENSWAY W & HURONTARIO	-	-	-	-	-
60417C	26 BREADALBANE STREET	3	0	0	1	3
60501C	HAMILTON, ONT. BARTON & SANFORD	1	0	0	1	2
60511R	467 BEACH BLVD.	4	1	1	2	7
60602R	SUDBURY, ONT. ASH STREET	0	4	0	0	0
60707I	SAULT STE. MARIE, ONT. WM. MERRIFIELD SCHOOL	0	-	0	0	0
60807R	THUNDER BAY, ONT. 615 JAMES STREET SOUTH	0	0	0	0	0
60901C	LONDON, ONT. KING & RECTORY	0	0	0	-	1
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	2	1	2	0	3

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

OCTOBER - OCTOBRE
1987

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

STATION	LOCATION EMPLACEMENT	*----- DAY / JOUR -----*				
		6	12	18	24	30
61103C	PETERSBOROUGH, ONT. 500 GEORGE STREET	-	-	-	-	-
61201R	CORNWALL, ONT. MEMORIAL PARK	-	-	-	-	-
61302C	ST. CATHARINES, ONT. ARGYLE CRESCENT	-	-	-	-	-
61501C	KITCHENER, ONT. EDNA & FREDERICK	0	0	0	0	-
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	2	0	0	-	0
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	2	-	0	2	4
61802R	GUELPH, ONT. EXHIBITION PARK	-	-	-	-	-
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	0	0	0	0	0
80209C	SASKATOON, SASK. IDYLWYLD DR. & 33RD ST.	0	0	0	0	0
80501C	ESTEVAAN, SASK. 1 ST. & 14TH AVE.	0	1	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	1
90218I	CALGARY, ALTA. BONNY BRK & 18A ST. S.E.	2	1	0	1	7
00110R	VANCOUVER, B.C. E. HASTINGS & KENSINGTON	2	2	1	1	1
00111I	ROCKY PT. PARK	2	1	1	-	0
00118R	2550 WEST 10TH AVENUE	0	-	-	1	1
00303C	VICTORIA, B.C. 1250 QUADRA ST.	1	2	1	0	1
00401C	KAMLOOPS, B.C. 301 SEYMOUR ST.	-	-	-	-	0

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

OCTOBER - OCTOBRE
1987

RETOMBEES DE POUSSIÈRES
GRAMMES PAR MÈTRE 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	1.7	-
60406R	ROSEHILL RESERVOIR	2.6	-
60408C	DANFORTH & ROBINSON	3.6	-
	HAMILTON, ONT.		
60501C	BARTON & SANFORD	3.5	-
60502I	BURLINGTON & GAGE	7.1	-
60503I	CHATHAM & FRID	9.9	-
60507C	HUGHSON & HUNTER	3.7	-
	SAULT STE. MARIE, ONT.		
60702R	ANNA MCREA PUBLIC SCHOOL	-	-
60703I	BAYVIEW & YOUNG	2.2	-
	THUNDER BAY, ONT.		
60801C	14 ALGOMA STREET	1.6	-
	EDMONTON, ALTA.		
90125C	FRINS 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