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Service de la
protection de
l'environnement

Monthly Summary April 1982

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National Air Pollution Surveillance

Surveillance nationale de la pollution atmosphérique

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Surveillance Report
EPS 5-AP-82-4

Air Pollution
Control Directorate

Rapport de surveillance
EPS 5-AP-82-4

Direction générale de
l'assainissement de l'air

TD
890
C325
82-4

Canada

SULPHUR DIOXIDE
PARTS PER HUNDRED MILLION

82 - 49
APRIL - AVRIL
1982

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				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	475	***	1	1	2	3	1	1	1	1
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	656	***	1	3	4	7	1	2	2	3
30114R	HALIFAX, N.S. MT ST VINCENT UNIVERSITY	375	***	0	2	5	7	0	1	1	1
30115I	CFB SHEARWATER	631	***	0	1	4	7	0	1	1	1
30116C	BARRINGTON & DUKE	163	---	0	1	2	3	0	0	1	1
30310C	SYDNEY, N.S. COUNTY JAIL	654	***	0	0	1	3	0	0	1	1
30311R	WHITNEY PIER FIRE STN.	0	---	-	-	-	-	-	-	-	-
30408R	GLACE BAY, N.S. SOUTH STREET	647	***	0	5	11	27	1	4	5	5
40202C	SAINT JOHN, N.B. POST OFFICE	686	***	1	2	4	6	1	2	2	2
50101R	MONTREAL, QUEBEC PARC JARRY	651	1.0	1	2	5	7	1	2	2	2
50102R	JARDIN BOTANIQUE	671	***	1	2	3	4	1	2	2	2
50103R	POINTE-AUX-TREMBLES	371	1.4	1	5	8	9	2	3	4	5
50104C	1125 ONTARIO EST	665	***	1	2	3	9	1	2	2	2
50105C	1212 DRUMMOND	690	1.4	2	3	5	7	2	2	3	3
50106R	VILLE ST-LAURENT	408	***	0	1	1	2	0	1	1	1
50108R	1700 BOURASSA, LONGUEUIL	421	***	1	1	2	3	1	1	1	1
50109C	DUNCAN & DECARIE	719	***	0	2	3	4	1	1	1	1
50110C	PARC PILON, MTL.-NORD	599	***	1	2	3	7	1	2	2	3
50112C	BOUL. LAURENTIDES	576	***	1	2	4	6	1	2	2	2
50113R	PIE X & CARDINAL	528	***	0	1	1	3	0	1	1	1
50115C	METCALFE & MAISONNEUVE	0	---	-	-	-	-	-	-	-	-
50116R	3161 JOSEPH, VERDUN	672	***	0	1	2	4	0	1	1	1
50203R	HULL, QUEBEC GAMBLIN & JOFFRE	687	***	1	1	2	4	1	1	1	1
50303I	QUEBEC, QUEBEC CENTRE LOISIRS LIMOILLOU	590	4.1	2	19	47	56	5	15	24	28
50304C	325 DORCHESTER SUD	607	1.7	2	7	15	20	2	5	6	6
50306R	2026 BLVD. ST-CYRILLE	656	***	1	3	9	15	1	3	4	4
50601C	ROUYN, QUEBEC HOTEL DE VILLE	554	***	0	6	18	49	1	4	6	7
50701C	SEPT-ILES, QUEBEC HOTEL DE VILLE	603	***	0	1	1	2	0	0	1	1
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	600	***	1	2	3	10	1	2	3	3
50901R	ARVIDA, QUEBEC POWELL & HOOPES	599	1.1	1	7	10	15	1	5	6	7
51001R	TRACY, QUEBEC 3225 AVE COURSHESNE	378	***	1	1	2	3	1	1	1	1
51201I	SHAWINIGAN, QUEBEC FRIGON & LAVAL	331	---	1	4	7	10	2	3	4	4
51301R	BAIE COMEAU, QUEBEC 39 AVE. MARGUETTE	484	3.8	2	24	45	49	3	24	35	38
60101C	OTTAWA, ONT. 88 SLATER ST.	704	1.3	2	4	7	11	2	3	4	4
60104C	RIDEAU & WURTEMBERG	683	***	0	1	2	6	0	1	1	1
60105R	NRC, MONTREAL ROAD	604	***	1	1	2	2	1	1	1	1
60201I	WINDSOR, ONT. MORTON TERMINAL DOCK	453	***	1	3	6	13	1	2	2	2
60204C	471 UNIVERSITY AVENUE	703	***	1	2	5	11	1	2	2	2
60211R	COLLEGE & PRINCE	681	***	1	3	6	7	1	2	3	3
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	712	1.3	1	3	4	7	2	2	3	3
60403I	EVANS & ARNOLD	681	***	0	1	2	3	0	1	1	1
60409R	REDLANDS CRESCENT	694	***	0	1	3	7	0	1	2	2
60410R	LAWRENCE & KENNEDY	711	***	1	2	3	4	1	2	2	2
60412R	BATHURST & WILSON	692	***	1	3	5	16	1	3	3	3
60413R	ELMCREST ROAD	701	***	1	2	3	11	1	1	2	2
60414I	SHERBOURNE & WILTON ST.	713	***	0	2	2	5	1	2	2	2
60415R	QUEENSWAY W & HURONTARIO	705	***	0	1	3	11	0	1	2	2

*** 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.

SULPHUR DIOXIDE
PARTS PER HUNDRED MILLIONAPRIL - AVRIL
1982DIOXYDE 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
60417C	26 BREADALBANE	712	***	1	2	4	8	1	2	2	2
60501C	HAMILTON, ONT. BARTON & SANFORD	711	***	1	4	8	9	1	4	4	4
60505R	NORTH PARK	671	***	1	4	6	9	1	3	4	4
60602R	SUDBURY, ONT. ASH STREET	715	1.6	1	6	13	21	2	4	6	6
60606C	KENNEDY STREET	708	1.5	1	5	16	33	2	4	6	6
60704C	SAULT STE. MARIE, ONT. QUEEN & ELGIN	683	***	0	1	3	5	0	1	1	2
60806R	THUNDER BAY, ONT. 435 JAMES S.	718	***	0	1	3	12	0	1	2	2
60901C	LONDON, ONT. KING & RECTORY	705	***	0	1	2	6	0	1	1	1
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	702	1.1	1	7	11	23	1	4	5	6
61103C	PETERBOROUGH, ONT. 500 GEORGE STREET	718	***	0	1	2	2	0	1	1	1
61201R	CORNWALL, ONT. MEMORIAL PARK	690	1.6	2	6	10	17	2	3	4	4
61301C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	710	***	1	2	4	9	1	1	2	2
61501C	KITCHENER, ONT. EDNA & FREDERICK	545	***	0	0	1	1	0	0	0	0
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	704	***	0	3	6	9	0	2	2	2
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	687	***	0	2	2	4	0	1	1	2
61801C	GUELPH, ONT. FARQUHAR & WYNDHAM	717	***	0	1	3	6	0	1	2	2
70118R	WINNIPEG, MAN. JEFFERSON & SCOTIA	490	***	0	0	0	2	0	0	0	0
70119C	65 ELLEN STREET	351	---	0	0	1	3	0	0	0	0
70120R	604 ST. MARY'S RD.	370	***	0	0	3	5	0	1	1	1
80109C	REGINA, SASK. 1620 ALBERT STREET	322	---	0	0	0	0	0	0	0	0
80209C	SASKATOON, SASK. IDYLYWYLD DR. & 33RD ST.	92	---	0	0	0	0	0	0	0	0
80301C	MOOSE JAW, SASK. FAIRFORD ST. & 1ST AVE.	117	---	0	0	0	0	-	-	-	-
80401C	PRINCE ALBERT, SASK. 1257-1ST AVE. EAST	660	***	0	0	0	1	0	0	0	0
90121I	EDMONTON, ALTA. 17 STREET & 105 AVENUE	687	***	0	0	1	2	0	0	1	1
90218I	CALGARY, ALTA. BONNY BRK & 18A ST. S.E.	685	***	0	1	1	3	0	1	1	1
00106R	VANCOUVER, B.C. 2294 WEST 10TH AVENUE	537	***	1	1	2	2	1	1	1	1
00110R	E. HASTINGS & KENSINGTON	716	1.3	2	3	6	8	1	3	3	3
00111I	ROCKY PT. PARK	702	***	1	1	2	4	1	1	1	1
00112C	ROBSON/HORNBY	495	***	0	1	1	2	0	1	1	1
00302C	VICTORIA, B.C. 1106 COOK ST.	634	***	0	2	3	7	0	1	2	2
00401C	KAMLOOPS, B.C. 301 SEYMOUR ST.	439	***	0	0	0	0	0	0	0	0

*** 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.

CARBON MONOXIDE
PARTS PER MILLIONAPRIL - AVRIL
1982MONOXYDE 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				DISTRIBUTIONS DES FREQUENCES			
				INTERVALS - INTERVALLES				8-HOUR / HEURES				24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX	70	95	99	MAX
10101C	ST. JOHN'S, Nfld. DUCKWORTH & ORDINANCE	443	0.6	1	2	3	4	1	1	2	3	1	1	2	2
30116C	HALIFAX, N.S. BARRINGTON & DUKE	0	---	-	-	-	-	-	-	-	-	-	-	-	-
40202C	SAINT JOHN, N.B. POST OFFICE	718	***	0	1	2	5	0	1	1	1	0	1	1	1
MONTREAL, QUEBEC															
50102R	JARDIN BOTANIQUE	444	0.5	1	1	2	3	1	1	2	2	1	1	1	1
50103R	POINTE-AUX-TREMBLES	719	0.9	1	2	3	4	1	2	2	2	1	1	2	2
50104C	1125 ONTARIO EST	668	1.7	2	3	4	6	2	3	4	4	2	3	3	3
50108R	1700 BOURASSA, LONGUEUIL	0	---	-	-	-	-	-	-	-	-	-	-	-	-
50109C	DUNCAN & DECARIE	720	1.7	2	4	6	9	2	4	4	5	2	3	3	3
50110C	PARC PILON, MTL.-NORD	717	1.4	2	3	5	8	2	3	4	5	2	3	3	3
50112C	BOUL. LAURENTIDES	480	0.6	1	2	4	5	1	2	3	3	1	1	2	2
50113R	PIE X & CARDINAL	708	0.7	1	1	3	4	1	1	2	3	1	1	1	1
50114C	677 STE-CATHERINE O.	573	2.2	3	4	6	9	3	4	5	5	2	3	3	4
50115C	METCALFE & MAISONNEUVE	0	---	-	-	-	-	-	-	-	-	-	-	-	-
50116R	3161 JOSEPH, VERDUN	720	***	1	2	2	3	1	2	2	2	1	1	2	2
50203R	HULL, QUEBEC GAMBLIN & JOFFRE	377	0.7	1	2	3	4	1	2	2	2	1	1	1	1
50304C	QUEBEC, QUEBEC 325 DORCHESTER SUD	703	1.0	1	3	4	6	1	2	3	5	1	2	3	3
OTTAWA, ONT.															
60101C	88 SLATER ST.	611	2.2	3	6	9	13	3	6	9	11	2	6	7	8
60104C	RIDEAU & WURTEMBERG	685	0.6	1	1	2	5	1	1	2	2	1	1	1	1
60204C	WINDSOR, ONT. 471 UNIVERSITY AVENUE	690	***	0	1	2	2	0	1	1	2	1	1	1	1
TORONTO, ONT.															
60402R	DON MILLS, SCIENCE CNTR	701	2.2	3	4	6	7	3	4	6	7	3	4	4	4
60403I	EVANS & ARNOLD	636	2.1	3	5	6	7	3	5	6	6	3	5	5	5
60410R	LAWRENCE & KENNEDY	712	1.9	2	3	5	8	2	3	4	5	2	3	3	3
60412R	BATHURST & WILSON	82	---	1	2	3	3	1	2	2	2	1	2	2	2
60413R	ELMCREST ROAD	693	1.1	1	3	4	5	2	3	3	4	2	2	3	3
60414I	SHERBOURNE & WILTON ST.	715	1.1	2	3	4	6	2	2	3	3	2	2	2	2
60415R	QUEENSWAY W & HURONTARIO	710	1.3	1	3	4	5	1	3	3	4	1	2	2	3
60416C	381 YONGE STREET	718	3.4	4	8	12	25	4	8	12	15	4	7	9	10
60417C	26 BREADALBANE	696	1.4	2	3	4	6	2	3	3	4	2	2	3	3
60501C	HAMILTON, ONT. BARTON & SANFORD	678	1.1	1	3	4	5	1	3	3	3	1	3	3	3
60602R	SUBBURY, ONT. ASH STREET	691	***	0	0	1	7	0	0	1	1	0	0	1	1
60901C	LONDON, ONT. KING & RECTORY	702	***	0	2	3	5	0	1	2	2	0	1	1	1
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	660	***	0	0	1	2	0	0	1	1	0	0	0	0
61201R	CORNWALL, ONT. MEMORIAL PARK	706	1.1	1	2	2	4	1	2	2	2	1	1	2	2
61301C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	618	***	0	1	3	4	0	1	2	2	0	1	1	1
61501C	KITCHENER, ONT. EDNA & FREDERICK	713	0.7	1	2	3	6	1	2	3	3	1	2	2	2
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	705	2.7	3	6	8	9	3	6	7	8	3	6	7	7
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	687	1.1	1	3	4	5	1	3	3	3	1	2	3	3
WINNIPEG, MAN.															
70118R	JEFFERSON & SCOTIA	435	***	1	1	2	3	0	1	1	2	0	1	1	1
70119C	65 ELLEN STREET	232	---	1	2	3	3	1	2	2	2	1	1	1	2
70120R	604 ST. MARY'S RD.	0	---	-	-	-	-	-	-	-	-	-	-	-	-
80109C	REGINA, SASK. 1620 ALBERT STREET	214	---	1	1	2	2	1	1	1	1	0	1	1	1
80209C	SASKATOON, SASK. IDYLWYLD DR. & 33RD ST.	553	***	1	2	3	4	1	1	2	2	1	1	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 MILLIONAPRIL - AVRIL
1982MONOXYDE 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				
EDMONTON, ALTA.																			
90121I	17 STREET & 105 AVENUE	690	0.7	1	2	2	3	1	1	2	2	1	1	2	2				
90122R	127 ST. & 133 AVENUE	700	1.0	1	4	7	15	1	3	5	7	1	3	3	3				
90130C	10255 - 104TH STREET	702	1.7	2	4	5	7	2	3	4	4	2	3	3	3				
CALGARY, ALTA.																			
90222R	39 ST. & 29 AVE. N.W.	677	0.6	1	2	4	7	1	1	2	3	1	1	1	2				
90227C	1611-4TH STREET S.W.	706	1.5	2	4	6	9	2	3	4	5	2	2	3	3				
VANCOUVER, B.C.																			
00106R	2294 WEST 10TH AVENUE	695	1.1	1	2	3	5	1	2	2	3	1	2	2	2				
00108I	250 WEST 70TH AVENUE	676	0.5	1	2	2	3	1	1	1	2	1	1	1	1				
00110R	E. HASTINGS & KENSINGTON	699	0.9	1	2	3	3	1	2	2	3	1	2	2	2				
00111I	ROCKY PT. PARK	704	1.0	1	2	2	3	1	2	2	2	1	1	2	2				
00112C	ROBSON/HORNBY	713	1.9	2	4	6	8	2	4	5	5	2	3	3	3				
VICTORIA, B.C.																			
00302C	1106 COOK ST.	9	---	1	1	1	1	-	-	-	-	-	-	-	-				

--- 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

APRIL - AVRIL
1982

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
301151	HALIFAX, N.S.	227	---	0	0	0	0	0	0	0	0
30116C	CFB SHEARWATER BARRINGTON & DUKE	0	---	-	-	-	-	-	-	-	-
40202C	SAINT JOHN, N.B. POST OFFICE	0	---	-	-	-	-	-	-	-	-
50102R	MONTREAL, QUEBEC										
50104C	JARDIN BOTANIQUE	718	2.5	3	5	8	17	3	5	5	5
50108R	1125 ONTARIO EST	667	3.5	4	5	8	10	4	5	6	6
50109C	1700 BOURASSA, LONGUEUIL	636	2.3	3	5	6	8	3	4	4	4
50110C	DUNCAN & DECARIE	718	2.3	3	6	12	20	3	6	8	8
50112C	PARC PILON, MTL.-NORD	344	---	5	8	12	14	5	7	7	8
50113R	BOUL. LAURENTIDES	173	---	3	6	9	10	3	4	5	5
50115C	PIE X & CARDINAL	660	2.2	3	5	9	11	3	4	5	5
50116R	METCALFE & MAISONNEUVE 3161 JOSEPH, VERDUN	0 720	---	-	-	-	-	-	-	-	-
50203R	HULL, QUEBEC GAMBLIN & JOFFRE	720	1.5	2	4	6	10	2	3	4	4
50304C	QUEBEC, QUEBEC 325 DORCHESTER SUD	690	2.5	3	4	7	13	3	5	6	6
60101C	OTTAWA, ONT. 88 SLATER ST.	642	4.5	5	8	11	13	5	7	8	9
60104C	RIDEAU & WURTEMBERG	687	1.3	2	4	6	9	2	3	4	4
60105R	NRC, MONTREAL ROAD	720	1.7	2	4	5	8	2	3	3	3
60204C	WINDSOR, ONT. 471 UNIVERSITY AVENUE	703	2.7	3	5	6	7	3	4	5	5
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	708	2.1	3	5	7	9	2	4	6	6
60403I	EVANS & ARNOLD	703	3.1	4	6	7	8	3	5	6	6
60410R	LAWRENCE & KENNEDY	642	2.5	3	6	7	10	3	5	6	6
60412R	BATHURST & WILSON	712	3.9	5	11	13	23	5	10	10	11
60413R	ELMCREST ROAD	710	1.6	2	6	7	10	2	5	6	6
60414I	SHERBOURNE & WILTON ST.	716	3.6	4	7	9	11	4	6	8	8
60415R	QUEENSWAY W & HURONTARIO	713	2.6	3	6	7	8	3	5	6	6
60417C	26 BREADALBANE	709	2.6	3	7	8	10	3	5	7	7
60501C	HAMILTON, ONT. BARTON & SANFORD	709	2.8	4	6	7	9	3	5	7	7
60505R	NORTH PARK	707	2.9	4	6	7	9	3	5	6	6
60602R	SUDSBURY, ONT. ASH STREET	714	---	1	2	4	6	1	2	3	3
60901C	LONDON, ONT. KING & RECTORY	701	1.9	2	5	6	8	2	3	4	4
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	702	2.4	3	5	6	13	3	4	4	5
61201R	CORNWALL, ONT. MEMORIAL PARK	692	1.1	1	4	6	9	1	2	3	3
61301C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	711	1.6	2	4	5	9	2	3	4	4
61501C	KITCHENER, ONT. EDNA & FREDERICK	716	2.4	3	5	6	8	3	5	5	6
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	704	1.9	3	4	6	7	2	3	4	5
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	708	2.1	3	6	8	9	3	5	6	6
70118R	WINNIPEG, MAN. JEFFERSON & SCOTIA	0	---	-	-	-	-	-	-	-	-
70119C	65 ELLEN STREET	499	3.0	4	6	7	8	4	5	5	6
80109C	REGINA, SASK. 1620 ALBERT STREET	0	---	-	-	-	-	-	-	-	-
90122R	EDMONTON, ALTA. 127 ST. & 133 AVENUE	680	3.4	4	6	8	11	4	5	5	6
90130C	10255 - 104TH STREET	702	4.0	5	6	7	8	5	6	6	6
90222R	CALGARY, ALTA. 39 ST. & 29 AVE. N.W.	689	1.4	2	4	5	7	2	2	3	3
90227C	1611-4TH STREET S.W.	703	4.6	5	7	9	11	5	7	7	7

*** 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

APRIL - AVRIL
1982

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
	VANCOUVER, B.C.										
00106R	2294 WEST 10TH AVENUE	700	3.1	4	5	6	7	4	4	5	5
00108I	250 WEST 70TH AVENUE	710	2.1	3	4	5	6	2	4	4	4
00110R	E. HASTINGS & KENSINGTON	710	2.1	2	4	5	7	2	3	4	4
00111I	ROCKY PT. PARK	707	1.8	2	4	5	6	2	3	4	4
00112C	ROBSON/HORNEY	712	3.9	4	6	8	9	4	5	6	7
	VICTORIA, B.C.										
00302C	1106 COOK ST.	0	---	-	-	-	-	-	-	-	-

OZONE
PARTS PER HUNDRED MILLIONAPRIL - AVRIL
1982OZONE
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.	250	---	3	3	4	4	3	3	4	4
30116C	CPB SHEARWATER	0	---	-	-	-	-	-	-	-	-
	BARRINGTON & DUKE										
40202C	SAINT JOHN, N.B.	718	2.4	3	4	6	7	3	4	5	5
	POST OFFICE										
50102R	MONTREAL, QUEBEC	696	2.7	3	5	8	9	3	5	7	7
50103R	JARDIN BOTANIQUE	713	3.3	4	6	9	9	4	5	6	6
50104C	POINTE-AUX-TREMBLES	661	2.1	3	5	8	8	2	5	7	7
50108R	1125 ONTARIO EST	704	2.6	3	5	8	9	3	4	6	6
50109C	1700 BOURASSA, LONGUEUIL	713	2.6	3	5	7	10	3	4	5	5
50110C	DUNCAN & DECARIE	712	2.7	3	5	9	10	3	5	7	7
50112C	PARC PILON, MTL.-NORD	330	---	3	5	5	5	3	4	5	5
50113R	BOUL. LAURENTIDES	708	2.9	4	5	8	9	3	5	7	7
50115C	PIE X & CARDINAL	0	---	-	-	-	-	-	-	-	-
50116R	METCALFE & MAISONNEUVE	589	3.0	4	6	10	10	4	6	7	7
	3161 JOSEPH, VERDUN										
50304C	QUEBEC, QUEBEC	696	1.6	2	4	6	7	2	3	3	3
50306R	325 DORCHESTER SUD	622	3.7	5	7	11	12	4	6	8	8
	2026 BLVD. ST-CYRILLE										
60101C	OTTAWA, ONT.	717	2.0	2	4	7	8	2	3	5	6
60104C	88 SLATER ST.	664	2.7	3	5	8	8	3	5	6	6
60105R	RIDEAU & WURTEMBURG	718	2.5	3	5	7	15	3	4	5	5
	NRC, MONTREAL ROAD										
60204C	WINDSOR, ONT.	678	2.6	3	5	7	8	3	4	4	4
	471 UNIVERSITY AVENUE										
60402R	TORONTO, ONT.	500	2.3	3	4	6	7	3	4	4	4
60403I	DON MILLS, SCIENCE CNTR	703	2.1	3	5	7	8	2	4	5	5
60410R	EVANS & ARNOLD	711	2.2	3	4	6	7	2	4	4	4
60413R	LAWRENCE & KENNEDY	682	2.3	3	5	7	8	2	4	6	6
60414I	ELMCREST ROAD	700	1.4	2	3	5	8	2	3	3	3
60415R	SHERBOURNE & WILTON ST.	707	2.2	3	4	6	7	2	4	4	5
60417C	QUEENSWAY W & HURONTARIO	706	2.3	3	4	5	7	3	4	4	4
	26 BREADALBANE										
60501C	HAMILTON, ONT.	711	2.9	4	6	7	9	3	5	6	6
	BARTON & SANFORD										
60602R	SUDBURY, ONT.	715	2.2	2	4	6	6	2	4	5	5
	ASH STREET										
60806R	THUNDER BAY, ONT.	713	2.2	3	4	5	6	3	3	3	4
	435 JAMES S.										
60901C	LONDON, ONT.	698	2.6	3	5	6	7	3	4	5	5
	KING & RECTORY										
61004R	SARNIA, ONT.	698	2.9	3	5	6	7	3	4	4	4
	FRONT ST. AT C.N. TRACKS										
61201R	CORNWALL, ONT.	704	3.3	4	6	8	9	4	6	7	7
	MEMORIAL PARK										
61301C	ST. CATHARINES, ONT.	708	3.2	4	6	7	8	3	5	6	7
	NORTH ST. & GENEVA ST.										
61501C	KITCHENER, ONT.	692	3.0	4	6	8	8	3	5	6	6
	EDNA & FREDERICK										
61602R	OAKVILLE, ONT.	709	2.1	3	4	5	5	2	3	4	4
	BRONTE AND WOBURN CRES.										
61701R	OSHAWA, ONT.	692	2.7	3	5	6	7	3	4	4	4
	RITSON RD. & OLIVE AVE.										
70118R	WINNIPEG, MAN.	0	---	-	-	-	-	-	-	-	-
70119C	JEFFERSON & SCOTIA	557	2.5	3	5	5	5	3	3	4	4
	65 ELLEN STREET										
80109C	REGINA, SASK.	710	2.5	3	4	5	5	3	4	4	4
	1620 ALBERT STREET										
90122R	EDMONTON, ALTA.	684	3.5	5	6	7	8	4	5	6	6
90130C	127 ST. & 133 AVENUE	669	2.1	3	4	4	5	2	3	4	4
	10255 - 104TH STREET										
90222R	CALGARY, ALTA.	687	3.6	5	6	6	6	4	5	5	5
90227C	39 ST. & 29 AVE. N.W.	700	2.2	3	4	5	6	3	3	4	4
	1611-4TH STREET S.W.										

--- 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

APRIL - AVRIL
1982

OZONE
PARTIES PAR CENT MILLIONS

STATION	LOCATION EMPLACEMENT	NUMBER OF HOURLY SAMPLES NOMBRE DE DONNEES HORAIRES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS - CENTILES - DISTRIBUTIONS DES FREQUENCES				INTERVALS - INTERVALLES				MEANS - MOYENNES			
				1-HOUR / HEURE				24-HOUR / HEURES							
				70	95	99	MAX	70	95	99	MAX	70	95	99	MAX
	VANCOUVER, B.C.														
00106R	2294 WEST 10TH AVENUE	703	2.0	3	5	5	5	2	3	4	4				
00108I	250 WEST 70TH AVENUE	706	2.1	3	4	5	5	3	3	3	3				
00110R	E. HASTINGS & KENSINGTON	702	1.9	2	3	4	4	2	3	3	3				
00111I	ROCKY PT. PARK	709	2.3	3	5	6	8	3	3	3	3				
00112C	ROBSON/HORNBY	508	1.0	1	2	3	3	1	2	2	2				
	VICTORIA, B.C.														
00302C	1106 COOK ST.	689	2.5	3	4	5	5	3	4	4	4				

SOILING INDEX
COH UNITS PER 1000 LINEAR FT.

APRIL - AVRIL
1982

INDICE DE SOUILLURE
UNITES COH PAR 1000 PIEDS LINEAIRES

STATION	LOCATION	NUMBER OF SAMPLES NOMBRE DE DONNEES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS				DISTRIBUTIONS DES FREQUENCES			
	EMPLACEMENT			INTERVALS		INTERVALLES		MEANS		MOYENNES	
				2-HOUR / HEURES	70	95	99	MAX	24-HOUR / HEURES	70	95
MONTREAL, QUEBEC											
50101R	PARC JARRY	283	****	0.1	0.3	0.5	0.7	0.1	0.2	0.3	0.3
50103R	POINTE-AUX-TREMBLES	291	0.18	0.2	0.4	0.7	0.9	0.2	0.3	0.3	0.3
50104C	1125 ONTARIO EST	331	0.32	0.4	0.7	1.1	1.4	0.4	0.6	0.7	0.7
50105C	1212 DRUMMOND	359	0.25	0.3	0.6	1.0	1.1	0.3	0.5	0.7	0.7
50106R	VILLE ST-LAURENT	342	****	0.1	0.3	0.7	1.3	0.1	0.2	0.4	0.4
50109C	DUNCAN & DECARIE	348	0.34	0.4	0.8	1.2	1.7	0.4	0.6	0.8	0.8
50110C	PARC PILON, MTL.-NORD	297	0.32	0.4	0.9	2.1	3.1	0.4	0.9	1.0	1.1
50115C	METCALFE & MAISONNEUVE	0	----	-	-	-	-	-	-	-	-
50116R	3161 JOSEPH, VERDUN	358	0.15	0.2	0.4	0.5	0.6	0.2	0.3	0.3	0.3
HULL, QUEBEC											
50203R	GAMELIN & JOFFRE	339	0.20	0.3	0.6	0.9	1.1	0.2	0.3	0.4	0.4
QUEBEC, QUEBEC											
50303I	CENTRE LOISIRS LIMOILLOU	0	----	-	-	-	-	-	-	-	-
TROIS-RIVIERES, QUEBEC											
50801R	HART & STE-CECILE	341	0.27	0.3	0.6	1.0	1.2	0.3	0.5	0.5	0.6
SHAWINIGAN, QUEBEC											
51201I	FRIGON & LAVAL	329	0.34	0.4	1.0	1.5	1.9	0.4	0.7	0.8	0.8
OTTAWA, ONT.											
60101C	88 SLATER ST.	360	0.27	0.3	0.8	1.8	2.5	0.3	0.5	0.9	1.0
60103C	GILMOUR STREET	360	0.21	0.3	0.6	0.8	1.0	0.3	0.4	0.4	0.4
60104C	RIDEAU & WURTEMBERG	685	(1) 0.19	0.3	0.5	0.8	1.0	0.2	0.4	0.5	0.5
WINDSOR, ONT.											
60204C	471 UNIVERSITY AVENUE	700	(1) 0.29	0.3	0.7	1.1	1.1	0.3	0.6	0.6	0.6
60211R	COLLEGE & PRINCE	699	(1) 0.33	0.4	0.8	1.3	1.5	0.4	0.6	0.8	0.9
TORONTO, ONT.											
60402R	DON MILLS, SCIENCE CNTR	359	0.11	0.2	0.5	0.7	1.2	0.1	0.3	0.3	0.3
60403I	EVANS & ARNOLD	706	(1) 0.25	0.3	0.8	1.5	2.3	0.4	0.9	0.9	1.0
60409R	REDLANDS CRESCENT	334	0.15	0.2	0.5	0.6	0.9	0.2	0.2	0.3	0.3
60410R	LAWRENCE & KENNEDY	710	(1) 0.35	0.4	0.9	1.6	1.7	0.4	0.7	1.1	1.1
60412R	BATHURST & WILSON	712	(1) 0.52	0.6	1.6	2.1	2.4	0.5	1.5	1.6	1.6
60413R	ELMCREST ROAD	572	(1) 0.22	0.3	0.6	1.3	1.4	0.2	0.6	1.0	1.0
60414I	SHERBOURNE & WILTON ST.	592	(1) 0.49	0.5	1.4	1.8	1.9	0.5	1.1	1.2	1.2
60415R	QUEENSWAY W & HURONTARIO	359	0.20	0.2	0.7	1.0	1.6	0.2	0.5	0.6	0.6
60417C	26 BREADALBANE	710	(1) 0.42	0.5	1.0	1.3	2.0	0.5	0.8	1.1	1.2
HAMILTON, ONT.											
60501C	BARTON & SANFORD	707	(1) 0.49	0.5	1.3	2.1	2.7	0.6	1.1	1.7	1.7
60505R	NORTH PARK	694	(1) 0.58	0.7	1.4	1.8	1.9	0.7	1.0	1.2	1.3
SUDBURY, ONT.											
60602R	ASH STREET	712	(1) 0.10	0.1	0.3	0.6	0.8	0.1	0.3	0.4	0.4
THUNDER BAY, ONT.											
60806R	435 JAMES S.	360	0.16	0.2	0.4	0.7	1.0	0.2	0.2	0.3	0.3
LONDON, ONT.											
60901C	KING & RECTORY	710	(1) 0.25	0.3	0.6	0.8	0.9	0.3	0.5	0.5	0.6
60902C	372 DUNDAS	357	0.21	0.2	0.6	0.8	1.0	0.2	0.4	0.5	0.5
SARNIA, ONT.											
61004R	FRONT ST. AT C.N. TRACKS	706	(1) 0.25	0.3	0.6	0.8	1.1	0.3	0.5	0.6	0.6
PETERBOROUGH, ONT.											
61103C	500 GEORGE STREET	357	0.22	0.3	0.7	1.2	1.5	0.3	0.4	0.5	0.5
CORNWALL, ONT.											
61201R	MEMORIAL PARK	688	(1) 0.13	0.2	0.4	0.6	0.7	0.2	0.3	0.4	0.5
ST. CATHARINES, ONT.											
61301C	NORTH ST. & GENEVA ST.	706	(1) 0.26	0.3	0.6	1.0	1.3	0.3	0.5	0.6	0.7
KITCHENER, ONT.											
61501C	EDNA & FREDERICK	359	0.26	0.3	0.8	1.2	1.8	0.3	0.6	0.7	0.8
OAKVILLE, ONT.											
61602R	BRONTE AND WOBURN CRES.	702	(1) 0.31	0.4	0.8	1.2	1.5	0.4	0.7	0.8	0.9
OSHAWA, ONT.											
61701R	RITSON RD. & OLIVE AVE.	636	(1) 0.38	0.5	1.0	1.4	1.7	0.5	0.8	1.0	1.0
GUELPH, ONT.											
61801C	FARQUHAR & WYNDHAM	355	0.15	0.2	0.5	0.6	0.8	0.2	0.3	0.3	0.3

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

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

SOILING INDEX
COH UNITS PER 1000 LINEAR FT.

APRIL - AVRIL
1982

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
70118R	WINNIPEG, MAN. JEFFERSON & SCOTIA	307	****	0.1	0.2	0.3	0.3	0.1	0.1	0.2	0.2
70119C	65 ELLEN STREET	216	****	0.1	0.2	0.2	0.3	0.1	0.1	0.1	0.1
70120R	604 ST. MARY'S RD.	353	****	0.1	0.2	0.3	0.5	0.1	0.1	0.1	0.2
80209C	SASKATOON, SASK. IDYLWYLD DR. & 33RD ST.	0	----	-	-	-	-	-	-	-	-
90122R	EDMONTON, ALTA. 127 ST. & 133 AVENUE	695	(1) 0.24	0.3	0.7	1.1	1.6	0.3	0.5	0.6	0.6
90130C	10255 - 104TH STREET	720	(1) 0.22	0.3	0.5	0.8	1.0	0.3	0.4	0.4	0.5
90218I	CALGARY, ALTA. SONNY BRK & 18A ST. S.E.	711	(1) 0.27	0.3	0.6	1.0	1.5	0.3	0.4	0.6	0.7
90222R	39 ST. & 29 AVE. N.W.	720	(1) 0.18	0.2	0.5	0.8	1.0	0.2	0.4	0.4	0.5
90227C	1611-4TH STREET S.W.	720	(1) 0.28	0.3	0.6	0.9	1.1	0.3	0.4	0.5	0.5
00102R	VANCOUVER, B.C. 100 RICHMOND STREET	360	0.19	0.3	0.5	0.8	1.0	0.2	0.3	0.4	0.4
00106R	2294 WEST 10TH AVENUE	330	0.18	0.3	0.5	0.8	0.9	0.2	0.3	0.3	0.3
00108I	250 WEST 70TH AVENUE	360	0.18	0.3	0.5	0.7	0.9	0.2	0.3	0.3	0.3
00110R	E. HASTINGS & KENSINGTON	163	----	0.3	0.6	0.8	0.8	0.2	0.3	0.3	0.3
00111I	ROCKY PT. PARK	254	0.18	0.3	0.5	0.7	0.8	0.2	0.3	0.3	0.3
00112C	ROBSON/HORNBY	360	0.26	0.4	0.7	0.9	1.0	0.3	0.4	0.5	0.5
00202C	PRINCE GEORGE, B.C. 1011 4TH AVENUE	0	----	-	-	-	-	-	-	-	-
00302C	VICTORIA, B.C. 1106 COOK ST.	360	0.19	0.3	0.7	1.1	1.5	0.2	0.5	0.6	0.6
09001C	WHITEHORSE, YUKON FEDERAL BUILDING	323	0.29	0.4	0.8	1.0	1.7	0.3	0.6	0.7	0.8

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

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

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

SUSPENDED PARTICULATE MATTER AND LEAD
MICROGRAMS PER CUBIC METRE

APRIL - AVRIL
1982

PLOMB ET PARTICULES EN SUSPENSION
MICROGRAMMES PAR METRE CUBE

STATION	LOCATION EMPLACEMENT	PARTICULATES / PARTICULES					MEAN MOYENNE	LEAD / PLOMB					MEAN MOYENNE
		5	11	17	23	29		5	11	17	23	29	
10101C	ST. JOHN'S, Nfld. DUCKWORTH & ORDINANCE	62	26	-	19	74	45	0.2	0.0	-	0.2	0.3	0.2
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	49	29	28	46	17	34	0.1	0.1	0.1	0.1	0.1	0.1
30101C	HALIFAX, N.S. N.S. TECHNICAL COLLEGE	70	38	45	40	15	42	0.1	0.1	0.1	0.1	0.1	0.1
30102R	DALHOUSIE UNIVERSITY	-	40	-	32	20	31	-	0.1	-	0.1	0.1	0.1
30114R	MT ST VINCENT UNIVERSITY	-	-	-	20	17	-	-	-	-	0.0	0.1	-
30115I	CFB SHEARWATER	-	-	26	21	14	20	-	-	0.0	0.0	0.0	0.0
30310C	SYDNEY, N.S. COUNTY JAIL	64	98	90	51	29	66	0.3	0.3	0.3	0.2	0.3	0.3
30311R	WHITNEY PIER FIRE STN.	180	285	114	80	29	138	0.4	0.3	0.3	0.2	0.2	0.3
30408R	GLACE BAY, N.S. SOUTH STREET	-	-	-	-	29	-	-	-	-	-	0.0	-
40102C	FREDERICTON, N.B. YORK STREET	-	-	-	-	-	-	-	-	-	-	-	-
40201C	SAINT JOHN, N.B. 110 CHARLOTTE STREET	88	64	133	94	68	89	0.2	0.1	0.1	0.2	0.2	0.1
40301C	MONCTON, N.B. 774 MAIN STREET	-	-	-	-	-	-	-	-	-	-	-	-
50102R	MONTREAL, QUEBEC JARDIN BOTANIQUE	43	46	43	47	55	47	0.1	0.1	0.1	0.1	0.2	0.1
50103R	POINTE-AUX-TREMBLES	54	55	41	49	87	57	-	-	-	-	-	-
50104C	1125 ONTARIO EST	51	52	75	50	87	63	0.2	0.3	0.5	0.3	0.6	0.4
50105C	1212 DRUMMOND	77	58	60	61	92	70	-	-	-	-	-	-
50106R	VILLE ST-LAURENT	-	-	-	-	-	-	-	-	-	-	-	-
50108R	1700 BOURASSA, LONGUEUIL	44	45	57	92	55	59	0.1	0.1	0.2	0.2	-	0.2
50109C	DUNCAN & DECARIE	155	102	98	80	136	114	0.6	0.8	0.7	0.7	1.4	0.8
50110C	PARC PILON, MTL.-NORD	56	61	51	66	77	62	-	-	-	-	-	-
50112C	BOUL. LAURENTIDES	62	51	52	44	71	56	0.1	0.2	0.2	0.2	-	0.2
50113R	PIE X & CARDINAL	36	-	-	40	50	42	-	-	-	0.1	-	-
50115C	METCALFE & MAISONNEUVE	-	-	-	-	-	-	-	-	-	-	-	-
50116R	3161 JOSEPH, VERDUN	41	54	26	50	86	51	0.1	0.4	0.1	0.4	0.7	0.3
50203R	HULL, QUEBEC GAMBLIN & JOFFRE	36	39	46	33	62	43	0.2	0.2	0.1	0.1	0.4	0.2
50303I	QUEBEC, QUEBEC CENTRE LOISIRS LIMOULOU	34	97	210	72	105	104	0.2	0.5	1.8	0.4	0.4	0.7
50306R	2026 BLVD. ST-CYRILLE	32	56	78	37	67	54	0.1	0.4	0.5	0.2	0.5	0.3
50402R	SHERBROOKE, QUEBEC CASERNE DE POMPIERS #5	-	-	-	46	-	-	-	-	-	0.3	-	-
50403C	WELLINGTON & ALBERT	-	-	-	-	-	-	-	-	-	-	-	-
50502R	CHICOUTIMI, QUEBEC USINE DE FILTRATION	-	38	55	70	-	54	-	0.1	0.2	0.1	-	0.1
50503C	222 RACINE	38	-	69	157	177	110	0.2	-	1.1	0.6	0.8	0.7
50601C	ROUYN, QUEBEC HOTEL DE VILLE	-	28	55	36	46	41	-	0.3	0.2	0.5	0.7	0.4
50701C	SEPT-ILES, QUEBEC HOTEL DE VILLE	73	22	31	61	33	44	-	0.1	0.1	0.3	0.1	0.2
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	58	95	136	72	86	89	0.3	0.4	0.6	0.4	0.4	0.4
50901R	ARVIDA, QUEBEC POWELL & HOOPES	-	37	133	48	132	88	-	0.1	0.9	0.1	0.5	0.4
51002R	TRACY, QUEBEC GARNEAU & RTE 132	31	48	63	24	-	42	-	0.1	0.3	-	-	-
51101C	THETFORD MINES, QUEBEC BOUL. STE-MARTHE	10	37	60	29	56	38	-	0.3	0.3	0.1	0.3	0.3
51201I	SHAWINIGAN, QUEBEC FRIGON & LAVAL	32	258	316	83	150	168	0.1	0.4	0.4	0.2	0.2	0.3
51301R	BAIE COMEAU, QUEBEC 39 AVE. MARGUETTE	-	-	47	47	50	48	-	-	0.1	0.2	0.1	0.1
60101C	OTTAWA, ONT. 88 SLATER ST.	168	42	69	64	79	84	0.2	0.2	0.2	0.3	0.5	0.3
60104C	RIDEAU & WUTTEMBURG	36	30	23	-	45	34	0.2	0.3	0.3	-	0.4	0.3
60105R	NRC, MONTREAL ROAD	23	34	44	33	46	36	0.1	0.2	0.1	0.1	0.2	0.1
60201I	WINDSOR, ONT. MORTON TERMINAL DOCK	33	78	59	133	106	82	0.0	0.1	0.1	0.1	0.1	0.1
60202C	CITY HALL	-	44	46	76	63	57	-	0.0	0.0	0.1	0.2	0.1
60203R	TECUMSEH WATER WORKS	24	46	36	103	73	56	0.0	0.0	0.0	0.1	0.0	0.0
60204C	471 UNIVERSITY AVENUE	36	47	40	136	89	70	0.1	0.2	0.2	0.3	0.3	0.2

SUSPENDED PARTICULATE MATTER AND LEAD
MICROGRAMS PER CUBIC METRE

APRIL - AVRIL
1982

PLOMB ET PARTICULES EN SUSPENSION
MICROGRAMMES PAR METRE CUBE

STATION	LOCATION EMPLACEMENT	*----- PARTICULATES / PARTICULES -----*						*----- LEAD / PLOMB -----*					
		----- DAY / JOUR -----					MEAN MOYENNE	*----- DAY / JOUR -----*					MEAN MOYENNE
		5	11	17	23	29		5	11	17	23	29	
60301R	KINGSTON, ONT. QUEEN'S UNIVERSITY	24	-	26	35	58	36	0.1	-	0.1	0.1	0.1	0.1
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	38	33	45	71	44	46	0.2	0.0	0.0	0.1	0.0	0.1
60403I	EVANS & ARNOLD	169	84	65	89	103	102	1.5	1.0	0.2	0.7	0.9	0.9
60409R	REDLANDS CRESCENT	56	56	50	67	65	59	0.0	0.0	0.0	0.0	0.2	0.0
60410R	LAWRENCE & KENNEDY	131	53	58	76	67	77	0.3	0.0	0.0	0.1	0.4	0.2
60412R	BATHURST & WILSON	49	67	70	118	58	72	0.0	0.0	0.6	0.7	0.0	0.3
60413R	ELMCREST ROAD	37	46	47	73	-	51	0.0	0.0	0.0	0.0	-	0.0
60414I	SHERBOURNE & WILTON ST.	65	62	75	130	106	88	0.1	0.1	0.3	0.4	0.6	0.3
60415R	QUEENSWAY W & HURONTARIO	117	78	128	141	54	104	0.2	0.2	0.6	0.4	0.0	0.3
60417C	26 BREADALBANE	54	46	50	83	103	67	0.0	0.0	0.0	0.0	0.4	0.1
60501C	HAMILTON, ONT. BARTON & SANFORD	76	63	59	96	136	86	0.5	0.3	0.2	0.3	0.7	0.4
60503I	CHATHAM & FRID	65	-	37	117	128	87	0.2	-	0.0	0.0	0.6	0.2
60505R	NORTH PARK	-	95	93	227	64	120	-	0.4	0.4	1.3	0.2	0.6
60602R	SUDBURY, ONT. ASH STREET	22	39	-	76	41	45	0.0	0.2	-	0.2	0.2	0.2
60605C	19 LISGAR STREET	-	-	28	86	72	62	-	-	0.1	0.3	0.4	0.3
60705R	SAULT STE. MARIE, ONT. 550 QUEEN STREET WEST	89	79	119	174	248	142	0.3	0.2	0.2	0.4	0.7	0.4
60801C	THUNDER BAY, ONT. 14 ALGOMA STREET	36	28	-	99	104	67	0.2	0.1	-	0.1	0.1	0.1
60806R	435 JAMES S.	28	43	15	83	102	54	0.2	0.0	0.1	0.0	0.3	0.1
60901C	LONDON, ONT. KING & RECTORY	33	34	52	106	-	56	0.1	0.2	0.1	0.2	-	0.2
60902C	372 DUNDAS	21	25	33	66	57	40	0.0	0.0	0.0	0.1	0.2	0.1
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	67	41	59	91	71	66	0.0	0.0	0.0	0.0	0.2	0.0
61103C	PETERBOROUGH, ONT. 500 GEORGE STREET	69	35	53	79	44	56	0.1	0.0	0.2	0.2	0.0	0.1
61201R	CORNWALL, ONT. MEMORIAL PARK	-	-	-	-	-	-	-	-	-	-	-	-
61301C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	68	68	41	114	117	82	0.0	0.1	0.0	0.2	0.5	0.2
61501C	KITCHENER, ONT. EDNA & FREDERICK	-	37	44	63	77	55	-	0.0	0.3	0.1	1.2	0.4
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	31	34	41	72	67	49	0.0	0.1	0.0	0.0	0.1	0.0
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	43	44	50	67	85	58	0.0	0.0	0.2	0.1	0.2	0.1
61801C	GUELPH, ONT. FARQUHAR & WYNDHAM	31	32	42	72	-	44	0.0	0.0	0.0	0.0	-	0.0
70102R	WINNIPEG, MAN. PORTAGE & WOODLAWN	111	59	72	214	401	171	0.5	0.1	0.4	0.4	0.1	0.3
70104I	UNION STOCK YARDS	50	58	58	138	195	100	0.2	0.1	0.1	0.2	0.1	0.1
70118R	JEFFERSON & SCOTIA	28	63	47	119	189	89	0.1	0.1	0.2	0.3	0.1	0.2
70119C	65 ELLEN STREET	42	-	116	179	339	169	0.2	-	0.3	0.4	0.3	0.3
70120R	604 ST. MARY'S RD.	50	47	88	107	176	94	0.2	0.1	0.3	0.3	0.2	0.2
70201C	BRANDON, MAN. 11TH ST. & PRINCESS AVE.	-	-	66	60	57	61	-	-	0.2	0.1	0.1	0.1
80102R	REGINA, SASK. 3211 ALBERT STREET	53	38	77	120	208	99	0.1	0.2	0.3	0.1	0.1	0.2
80108C	12TH AVE. & SMITH ST.	123	70	164	67	206	126	0.3	0.3	0.3	0.3	0.2	0.3
80109C	1620 ALBERT STREET	172	61	164	124	180	140	0.4	0.3	0.4	0.2	0.1	0.3
80203R	SASKATOON, SASK. 30TH ST. & 833 P AVE.	61	91	151	133	172	122	0.1	0.1	0.2	0.3	0.1	0.1
80209C	IDYLLWYLD DR. & 33RD ST.	15	142	58	295	143	131	0.1	0.1	0.1	0.6	0.2	0.2
80301C	MOOSE JAW, SASK. FAIRFORD ST. & 1ST AVE.	-	-	386	333	198	306	-	-	0.8	0.5	0.1	0.5
80401C	PRINCE ALBERT, SASK. 1257-1ST AVE. EAST	69	80	108	208	-	116	0.1	0.1	0.1	0.3	-	0.2
90121I	EDMONTON, ALTA. 17 STREET & 105 AVENUE	49	41	88	132	81	78	-	-	-	-	-	-
90122R	127 ST. & 133 AVENUE	72	79	127	104	93	95	-	-	-	-	-	-
90130C	10255 - 104TH STREET	85	90	179	325	272	190	-	-	-	-	-	-
90204C	CALGARY, ALTA. 316-7TH AVENUE	56	137	192	207	148	148	-	-	-	-	-	-
90218I	BONNY BRK & 18A ST. S.E.	49	70	93	139	107	92	-	-	-	-	-	-
90222R	39 ST. & 29 AVE. N.W.	29	36	44	138	47	59	-	-	-	-	-	-

SUSPENDED PARTICULATE MATTER AND LEAD
MICROGRAMS PER CUBIC METRE
APRIL - AVRIL
1982
PLOMB ET PARTICULES EN SUSPENSION
MICROGRAMMES PAR METRE CUBE

STATION	LOCATION EMPLACEMENT	----- PARTICULATES / PARTICULES -----						----- LEAD / PLOMB -----					
		----- DAY / JOUR -----					MEAN MOYENNE	----- DAY / JOUR -----					MEAN MOYENNE
		5	11	17	23	29		5	11	17	23	29	
90301C	RED DEER, ALTA. 4747 50TH STREET	50	107	164	173	115	122	-	-	-	-	-	-
90501C	LETHBRIDGE, ALTA. 13 ST. & 9 AVENUE S.	38	-	22	-	47	36	-	-	-	-	-	-
99001C	YELLOWKNIFE, N.W.T. 50TH AVE. & 49TH STREET	-	-	300	313	387	333	-	-	0.2	0.2	0.3	0.2
00102R	VANCOUVER, B.C. 100 RICHMOND STREET	35	25	22	-	42	31	0.6	0.3	0.2	-	0.3	0.4
00104R	27TH & ONTARIO	25	19	16	40	34	27	0.3	0.2	0.1	0.1	0.3	0.2
00106R	2294 WEST 10TH AVENUE	28	24	14	30	34	26	0.3	0.3	0.1	0.1	0.4	0.3
00108I	250 WEST 70TH AVENUE	43	38	23	62	56	44	0.4	0.6	0.2	0.3	0.4	0.4
00109C	970 BURRARD	56	36	52	80	51	55	0.6	0.4	0.6	0.7	0.6	0.6
00110R	E. HASTINGS & KENSINGTON	24	22	-	50	28	31	0.2	0.2	-	0.3	0.2	0.2
00111I	ROCKY PT. PARK	33	30	21	50	31	33	0.3	0.3	0.2	0.3	0.2	0.3
00113I	ANNACIS ISLAND, DELTA	53	54	-	-	69	59	0.3	0.5	-	-	0.7	0.5
00114C	MUNICIPAL HALL, RICHMOND	30	36	-	-	36	34	0.3	0.5	-	-	0.4	0.4
00115R	NEWTON ELEM. SCH., SURREY	38	26	20	48	-	33	0.5	0.3	0.1	0.1	-	0.2
00116R	FIRE HALL, N. VANCOUVER	46	33	26	47	31	37	0.7	0.3	0.3	0.5	0.4	0.4
00117R	BCIT BURNABY	36	29	14	40	32	30	0.5	0.5	0.1	0.2	0.2	0.3
00202C	PRINCE GEORGE, B.C. 1011 4TH AVENUE	197	50	67	60	68	88	0.3	0.1	0.2	0.1	0.1	0.2
00302C	VICTORIA, B.C. 1106 COOK ST.	28	41	23	41	30	33	0.3	0.3	0.1	0.2	0.4	0.3
00401C	KAMLOOPS, B.C. 301 SEYMOUR ST.	-	44	119	114	42	80	-	0.3	0.4	0.3	0.3	0.3
09001C	WHITEHORSE, YUKON FEDERAL BUILDING	119	176	193	233	103	165	0.4	0.2	0.2	0.3	0.2	0.3

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

APRIL - AVRIL
1982

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

STATION	LOCATION EMPLACEMENT	----- DAY / JOUR -----				
		5	11	17	23	29
10101C	ST. JOHN'S, NFLD. DUCKWORTH & ORDINANCE	1	0	-	-	1
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	1	0	0	1	0
30114R	HALIFAX, N.S. MT ST VINCENT UNIVERSITY	-	-	-	-	-
30115I	CFB SHEARWATER	-	-	0	0	0
30310C	SYDNEY, N.S. COUNTY JAIL	0	0	0	0	0
30311R	WHITNEY PIER FIRE STN.	-	-	-	-	-
30408R	GLACE BAY, N.S. SOUTH STREET	-	-	-	-	0
50102R	MONTREAL, QUEBEC JARDIN BOTANIQUE	1	0	2	1	0
50103R	POINTE-AUX-TREMBLES	-	-	1	3	1
50104C	1125 ONTARIO EST	1	1	-	1	4
50105C	1212 DRUMMOND	3	2	1	3	4
50106R	VILLE ST-LAURENT	-	-	-	-	-
50108R	1700 BOURASSA, LONGUEUIL	0	0	-	-	-
50109C	DUNCAN & DECARIE	1	0	2	0	4
50110C	PARC PILON, MTL.-NORD	1	-	1	2	2
50112C	BOUL. LAURENTIDES	0	1	1	1	2
50113R	PIE X & CARDINAL	0	-	-	-	1
50115C	METCALFE & MAISONNEUVE	-	-	-	-	-
50116R	3161 JOSEPH, VERDUN	0	0	0	0	2
50203R	HULL, QUEBEC GAMBLIN & JOFFRE	0	0	0	1	1
50303I	QUEBEC, QUEBEC CENTRE LOISIRS LIMOULOU	0	4	26	1	26
50306R	2026 BLVD. ST-CYRILLE	0	2	5	1	3
50601C	ROUYN, QUEBEC HOTEL DE VILLE	-	0	-	0	0
50701C	SEPT-ILES, QUEBEC HOTEL DE VILLE	0	0	0	0	0
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	2	3	5	2	3
50901R	ARVIDA, QUEBEC POWELL & HOOPES	-	1	0	4	0
51201I	SHAWINIGAN, QUEBEC FRIGON & LAVAL	-	-	-	2	5
51301R	BAIE COMEAU, QUEBEC 39 AVE. MARGUETTE	-	-	1	2	5
60101C	OTTAWA, ONT. 88 SLATER ST.	13	0	2	2	2
60104C	RIDEAU & WURTEMBERG	0	0	0	-	1
60105R	NRC, MONTREAL ROAD	0	1	1	0	0
60201I	WINDSOR, ONT. MORTON TERMINAL DOCK	-	-	0	2	2
60204C	471 UNIVERSITY AVENUE	0	0	1	6	1
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	1	1	2	2	3
60403I	EVANS & ARNOLD	0	0	0	0	2
60409R	REDLANDS CRESCENT	-	0	0	0	1
60410R	LAWRENCE & KENNEDY	1	0	1	1	1
60412R	BATHURST & WILSON	1	0	2	0	1
60413R	ELMCREST ROAD	0	0	1	1	-
60414I	SHERBOURNE & WILTON ST.	0	0	2	0	1
60415R	QUEENSWAY W & HURONTARIO	3	0	1	0	0
60417C	26 BREADALBANE	0	0	1	0	4
60501C	HAMILTON, ONT. BARTON & SANFORD	2	0	1	0	7
60505R	NORTH PARK	-	1	1	22	1
60602R	SUDBURY, ONT. ASH STREET	0	2	-	9	4
60806R	THUNDER BAY, ONT. 435 JAMES S.	0	0	0	0	0
60901C	LONDON, ONT. KING & RECTORY	0	0	0	1	-

COMBINATION OF SULPHUR DIOXIDE AND
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APRIL - AVRIL
1982

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

STATION	LOCATION EMPLACEMENT	*----- DAY / JOUR -----*				
		5	11	17	23	29
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	0	0	5	0	2
61103C	PETERBOROUGH, ONT. 500 GEORGE STREET	0	0	1	0	0
61201R	CORNWALL, ONT. MEMORIAL PARK	-	-	-	-	-
61301C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	1	0	1	2	1
61501C	KITCHENER, ONT. EDNA & FREDERICK	-	0	-	-	0
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	0	0	2	1	1
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	0	0	0	0	1
61801C	GUELPH, ONT. FARQUHAR & WYNDHAM	0	0	0	0	-
70118R	WINNIPEG, MAN. JEFFERSON & SCOTIA	0	-	0	0	0
70119C	65 ELLEN STREET	0	-	0	-	-
70120R	604 ST. MARY'S RD.	0	-	0	-	-
80109C	REGINA, SASK. 1620 ALBERT STREET	0	0	-	-	-
80209C	SASKATOON, SASK. IDYLWYLD DR. & 33RD ST.	-	-	-	-	-
80301C	MOOSE JAW, SASK. FAIRFORD ST. & 1ST AVE.	-	-	-	-	-
80401C	PRINCE ALBERT, SASK. 1257-1ST AVE. EAST	0	0	0	0	-
90121I	EDMONTON, ALTA. 17 STREET & 105 AVENUE	0	0	0	1	0
90218I	CALGARY, ALTA. BONNY BRK & 18A ST. S.E.	0	0	0	1	0
00106R	VANCOUVER, B.C. 2294 WEST 10TH AVENUE	0	1	0	-	-
00110R	E. HASTINGS & KENSINGTON	1	1	-	2	0
00111I	ROCKY PT. PARK	0	0	0	0	0
00302C	VICTORIA, B.C. 1106 COOK ST.	0	0	0	0	0
00401C	KAMLOOPS, B.C. 301 SEYMOUR ST.	-	-	0	-	0

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

APRIL - AVRIL
1982

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	S03
SYDNEY, N.S.			
30301R	MURPHY ROAD	1.5	0.1 **
30309I	PT EDWARD, RICHMOND PLST	4.8	0.1 **
30310C	COUNTY JAIL	8.0	0.3 **
30311R	WHITNEY PIER FIRE STN.	14.6	0.8 **
GLACE BAY, N.S.			
30401R	LAKE ROAD	18.0	0.3 **
30405C	GENERAL HOSPITAL	9.0	1.0 **
MONTREAL, QUEBEC			
50101R	PARC JARRY	-	-
50102R	JARDIN BOTANIQUE	0.0	- *
50103R	POINTE-AUX-TREMBLES	-	-
50106R	VILLE ST-LAURENT	-	-
50107R	VILLE LASALLE	-	-
TORONTO, ONT.			
60403I	EVANS & ARNOLD	5.6	-
60404R	5126 YONGE STREET	5.2	-
60405I	JOHN STREET PUMP STATION	14.3	-
60406R	ROSEHILL RESERVOIR	5.7	-
60408C	DANFORTH & ROBINSON	4.5	-
HAMILTON, ONT.			
60501C	BARTON & SANFORD	8.4	-
60502I	BURLINGTON & GAGE	7.5	-
60503I	CHATHAM & FRID	6.9	-
60507C	HUGHSON & HUNTER	5.8	-
60510I	STRATHEARN	24.5	-
SAULT STE. MARIE, ONT.			
60702R	ANNA MCREA PUBLIC SCHOOL	1.9	-
60703I	BAYVIEW & YOUNG	16.1	-
THUNDER BAY, ONT.			
60801C	14 ALGOMA STREET	-	-
LONDON, ONT.			
60901C	KING & RECTORY	3.8	-
WINNIPEG, MAN.			
70105R	MARTIN & HENDERSON HWY	7.9	0.1 **
70110C	KENNEDY & ST. MARY'S	5.9	-
70113I	WINDERMERE & ROCKMAN	6.7	0.1 **
70115C	PORTAGE & MINTO	17.9	0.1 **
70116I	SMITH & KING	25.4	0.1 **
EDMONTON, ALTA.			
90125C	PRINS ELIZABETH & 108 ST	5.7	- **
90126R	77 AVENUE & 85 STREET	4.1	- **
90127I	115 AVENUE & 159 STREET	13.8	0.1 **
90128R	99 AVENUE & 160 STREET	2.0	- **
CALGARY, ALTA.			
90219C	620-7TH AVENUE, S.W.	9.9	0.2 **
90221R	DALHOUSIE DR & DALHAM DR	4.6	- **
90223C	11 ST. & 38 AVE. S.E.	17.7	- **
90224I	OGDENDALE & 71 AVE S.E.	63.6	0.2 **
90225R	PALLISER DR & OAKWOOD SW	2.8	0.1 **
90226I	SHEPPARD & 84 AVE S.E.	3.4	0.1 **

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CANADA. AIR POLLUTION CONTROL DIRECTORATE

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* INDICATES LEAD PEROXIDE CANDLE
DENOTE LA CHANDELLE DE PEROXYDE DE PLOMB

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