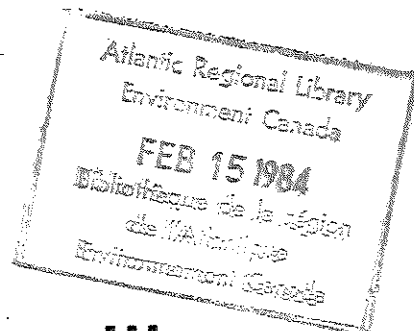




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Environmental
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l'environnement

Monthly Summary April 1983



National Air Pollution Surveillance

Surveillance nationale de la pollution atmosphérique

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Rapport de surveillance
EPS 5-EP-83-4

Direction générale des programmes
de protection de l'environnement

Canada

SULPHUR DIOXIDE
PARTS PER HUNDRED MILLIONAPRIL - AVRIL
1983DIOXYDE 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	449	***	1	1	2	7	1	1	2	2
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	587	***	1	2	3	4	1	2	2	2
30114R	HALIFAX, N.S. MT ST VINCENT UNIVERSITY	489	***	1	1	1	2	1	1	1	1
30115I	CPB SHEARWATER	630	1.0	1	4	9	15	1	3	5	6
30116C	BARRINGTON & DUKE	613	***	1	2	3	7	1	1	2	2
30310C	SYDNEY, N.S. COUNTY JAIL	656	***	1	3	4	14	1	2	2	3
30311R	WHITNEY PIER FIRE STN.	0	---	-	-	-	-	-	-	-	-
30408R	GLACE BAY, N.S. SOUTH STREET	526	***	1	4	6	7	1	3	4	4
40202C	SAINT JOHN, N.B. POST OFFICE	667	***	0	2	4	7	0	1	2	2
50101R	MONTREAL, QUEBEC 7405 CHAMPAGNEUR	705	1.3	1	4	6	11	1	3	4	4
50102R	JARDIN BOTANIQUE	644	***	1	2	5	7	1	2	3	3
50103R	POINTE-AUX-TREMBLES	559	1.0	1	7	13	20	1	5	6	6
50104C	1125 ONTARIO EST	620	***	1	2	3	5	1	1	2	2
50106R	VILLE ST-LAURENT	672	***	1	2	3	3	1	2	2	2
50108R	1700 BOURASSA, LONGUEUIL	596	***	1	1	2	3	1	1	1	2
50109C	DUNCAN & DECARIE	720	1.4	2	4	6	7	2	3	4	4
50110C	PARC PILON, MTL.-NORD	712	1.1	1	2	4	6	1	2	2	2
50112C	BOUL. LAURENTIDES	623	***	1	2	3	6	1	2	2	2
50113R	PIE X & CARDINAL	597	***	1	1	3	5	1	1	2	2
50115C	1001 BOUL MAISONNEUVE O.	398	***	1	3	5	6	1	2	2	2
50116R	3161 JOSEPH, VERDUN	562	***	0	1	2	2	0	0	1	1
50203R	HULL, QUEBEC GAMELIN & JOFFRE	640	***	1	1	2	2	1	1	1	1
50303I	QUEBEC, QUEBEC CENTRE LOISIRS LIMOILLOU	496	8.1	8	31	43	57	11	19	23	24
50304C	325 DORCHESTER SUD	654	1.7	1	9	15	27	2	5	5	6
50306R	2026 BLVD. ST-CYRILLE	647	***	0	2	4	7	0	2	2	2
50601C	ROUYN, QUEBEC HOTEL DE VILLE	674	1.7	0	10	30	82	2	7	11	12
50701C	SEPT-ILES, QUEBEC HOTEL DE VILLE	589	***	0	0	2	5	0	0	1	1
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	480	1.9	2	5	9	19	3	4	5	5
50901R	ARVIDA, QUEBEC POWELL & HOOPES	526	2.3	3	9	10	12	4	7	7	7
51001R	TRACY, QUEBEC 3225 AVE COURSHESNE	173	---	0	3	6	7	1	2	3	3
51201I	SHAMINIGAN, QUEBEC PRIGON & LAVAL	586	3.8	3	18	29	39	4	13	17	18
51301R	BAIE COMEAU, QUEBEC 39 AVE. MARGUETTE	389	1.1	0	8	29	35	1	5	15	16
60101C	OTTAWA, ONT. 88 SLATER ST.	629	***	0	1	1	3	0	1	1	1
60104C	RIDEAU & WURTEMBERG	706	***	0	0	1	4	0	0	1	1
60105R	NRC, MONTREAL ROAD	643	***	1	1	1	2	1	1	1	1
60201I	WINDSOR, ONT. MORTON TERMINAL DOCK	714	***	1	2	3	9	1	1	2	2
60204C	471 UNIVERSITY AVENUE	704	***	0	2	4	9	1	1	1	2
60211R	COLLEGE & PRINCE	694	***	1	3	5	7	1	2	2	2
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	565	***	1	2	3	8	1	2	2	2
60403I	EVANS & ARNOLD	700	***	0	1	2	4	0	1	1	1
60409R	REDLANDS CRESCENT	704	1.5	2	5	6	13	2	4	5	5
60410R	LAWRENCE & KENNEDY	704	***	0	1	1	5	0	0	1	1
60412R	BATHURST & WILSON	703	***	0	2	3	9	0	1	1	2
60413R	ELMCREST ROAD	715	***	1	1	2	12	1	1	2	2
60414I	SHERBOURNE & WILTON ST.	701	***	0	1	2	7	0	1	1	1
60415R	QUEENSWAY W & HURONTARIO	717	***	1	1	2	5	1	1	1	1
60417C	26 BREADALBANE STREET	687	***	0	2	3	9	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
1983DIOXYDE 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
60501C	HAMILTON, ONT. BARTON & SANFORD	678	1.7	2	5	7	8	2	4	4	4
60505R	NORTH PARK	704	***	1	2	3	5	1	2	2	2
60602R	SUDBURY, ONT. ASH STREET	693	***	0	2	10	39	0	3	4	4
60606C	KENNEDY STREET	637	***	0	3	7	29	0	2	3	3
60704C	SAULT STE. MARIE, ONT. QUEEN & ELGIN	0	---	-	-	-	-	-	-	-	-
60706I	FARWELL PUMP HOUSE	717	***	0	1	3	6	0	1	1	1
60806R	THUNDER BAY, ONT. 435 JAMES S.	714	***	0	0	1	4	0	0	1	1
60901C	LONDON, ONT. KING & RECTORY	697	***	0	1	2	3	0	1	1	1
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	705	***	0	2	6	14	0	2	5	5
61103C	PETERBOROUGH, ONT. 500 GEORGE STREET	719	***	0	0	0	0	0	0	0	0
61201R	CORNWALL, ONT. MEMORIAL PARK	656	***	0	2	6	18	1	2	3	3
61301C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	702	***	0	2	4	5	0	1	2	2
61501C	KITCHENER, ONT. EDNA & FREDERICK	641	***	0	0	2	5	0	1	1	1
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	663	***	0	1	3	5	0	1	1	1
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	705	***	0	1	2	3	0	1	1	1
61801C	GUELPH, ONT. PARQUHAR & WYNDHAM	711	***	1	1	3	7	1	1	2	2
70118R	WINNIPEG, MAN. JEFFERSON & SCOTIA	659	***	0	0	0	2	0	0	0	0
70119C	'65 ELLEN STREET	587	***	0	0	1	4	0	0	0	0
70120R	604 ST. MARY'S RD.	411	***	0	0	0	0	0	0	0	0
80109C	REGINA, SASK. 1620 ALBERT STREET	717	***	0	0	0	0	0	0	0	0
80209C	SASKATOON, SASK. IDYLWYLD DR. & 33RD ST.	589	***	0	0	0	0	0	0	0	0
80301C	MOOSE JAW, SASK. FAIRFORD ST. & 1ST AVE.	640	***	0	0	0	0	0	0	0	0
80401C	PRINCE ALBERT, SASK. 1257-1ST AVE. EAST	659	***	0	0	0	1	0	0	0	0
90121I	EDMONTON, ALTA. 17 STREET & 105 AVENUE	682	***	0	1	2	4	0	1	1	1
90218I	CALGARY, ALTA. BONNY BRK & 18A ST. S.E.	677	***	1	1	2	4	1	1	1	1
00106R	VANCOUVER, B.C. 2294 WEST 10TH AVENUE	244	---	1	1	2	2	1	1	1	1
00110R	E. HASTINGS & KENSINGTON	699	***	1	1	2	4	1	1	1	1
00111I	ROCKY PT. PARK	714	***	1	1	2	3	1	1	1	1
00112C	ROBSON/HORNEY	715	***	1	1	2	3	1	1	1	1
00302C	VICTORIA, B.C. 1250 QUADRA ST.	711	***	1	2	2	3	1	1	1	1
00401C	KAMLOOPS, B.C. 301 SEYMOUR ST.	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
1983MONOXYDE 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				MEANS			
				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, NPLD. DUCKWORTH & ORDINANCE	0	---	-	-	-	-	-	-	-	-	-	-	-	-
30116C	HALIFAX, N.S. BARRINGTON & DUKE	38	---	2	8	9	3	2	6	7	7	3	3	3	3
40202C	SAINT JOHN, N.B. POST OFFICE	717	1.5	1	3	6	9	2	3	4	5	2	2	3	3
50102R	MONTREAL, QUEBEC JARDIN BOTANIQUE	720	0.6	1	2	3	6	1	2	3	3	1	1	2	2
50103R	POINTE-AUX-TREMBLES	719	1.0	1	2	3	5	1	2	2	3	1	2	2	2
50104C	1125 ONTARIO EST	585	2.4	3	5	7	9	3	5	6	7	3	4	5	6
50108R	1700 BOURASSA, LONGUEUIL	321	---	1	1	2	5	1	1	2	2	1	1	1	1
50109C	DUNCAN & DECARIE	720	1.8	2	5	7	13	2	4	5	6	2	3	3	3
50110C	PARC PILON, MTL.-NORD	0	---	-	-	-	-	-	-	-	-	-	-	-	-
50112C	BOUL. LAURENTIDES	658	0.6	1	3	4	7	1	2	3	4	1	2	2	2
50113R	PIE X & CARDINAL	706	0.6	1	2	3	5	1	2	2	2	1	1	2	2
50115C	1001 BOUL MAISONNEUVE O.	550	2.3	3	5	7	10	3	5	5	6	3	4	4	4
50116R	3161 JOSEPH, VERDUN	622	***	1	2	3	5	1	1	2	2	1	1	1	2
50203R	HULL, QUEBEC GAMELIN & JOFFRE	662	0.6	1	1	2	3	1	1	2	2	1	1	1	1
50304C	QUEBEC, QUEBEC 325 DORCHESTER SUD	703	1.2	1	3	6	12	1	3	5	6	1	3	4	4
60101C	OTTAWA, ONT. 88 SLATER ST.	704	1.8	2	5	7	12	2	4	5	6	2	3	4	4
60104C	RIDEAU & WURTEMBERG	706	***	0	1	1	4	0	1	1	1	0	0	1	1
60204C	WINDSOR, ONT. 471 UNIVERSITY AVENUE	683	0.7	1	2	2	6	1	2	2	3	1	1	2	2
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	669	1.7	2	4	4	5	2	3	4	4	2	3	3	3
60403I	EVANS & ARNOLD	698	1.9	2	4	4	5	2	4	4	4	2	3	4	4
60410R	LAWRENCE & KENNEDY	703	1.5	2	3	4	5	2	3	3	4	2	2	2	3
60412R	BATHURST & WILSON	699	1.2	1	3	4	4	1	2	3	3	1	2	2	2
60413R	ELMCREST ROAD	713	1.6	2	2	3	4	2	2	3	3	2	2	2	2
60414I	SHERBOURNE & WILTON ST.	702	1.4	2	2	4	5	2	2	3	4	2	2	2	2
60415R	QUEENSWAY W & HURONTARIO	565	1.2	1	2	3	4	1	2	3	3	1	2	2	2
60416C	381 YONGE STREET	717	4.1	4	11	17	22	5	10	13	14	5	7	7	7
60417C	26 BREADALBANE STREET	689	0.8	1	2	3	5	1	2	3	3	1	2	2	2
60501C	HAMILTON, ONT. BARTON & SANFORD	642	0.8	1	2	3	5	1	2	2	3	1	2	2	2
60602R	SUDBURY, ONT. ASH STREET	696	***	0	0	1	4	0	0	1	1	0	0	0	1
60706I	SAULT STE. MARIE, ONT. FARWELL PUMP HOUSE	720	0.8	1	2	3	4	1	2	3	3	1	2	3	3
60901C	LONDON, ONT. KING & RECTORY	704	***	0	1	3	4	0	1	2	3	0	1	1	1
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	697	***	0	0	1	2	0	0	1	1	0	0	0	0
61201R	CORNWALL, ONT. MEMORIAL PARK	699	***	0	1	2	6	0	1	2	3	0	1	1	1
61301C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	659	***	1	1	2	3	1	1	2	2	1	1	1	1
61501C	KITCHENER, ONT. EDNA & FREDERICK	716	0.9	1	2	3	4	1	2	2	3	1	2	2	2
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	699	1.1	1	2	3	5	1	2	2	3	1	2	2	2
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	704	1.9	2	3	4	8	2	3	4	4	2	3	3	3
70118R	WINNIPEG, MAN. JEFFERSON & SCOTIA	654	0.5	1	2	3	6	1	2	2	2	1	1	1	1
70119C	65 ELLEN STREET	672	***	1	1	3	4	1	1	2	2	1	1	1	1
70120R	604 ST. MARY'S RD.	555	0.5	1	1	3	5	1	1	2	3	1	1	1	1
80109C	REGINA, SASK. 1620 ALBERT STREET	702	0.7	1	2	3	5	1	1	2	3	1	1	1	1

*** 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
1983MONOXYDE DE CARBONE
PARTIES PAR MILLION

STATION	LOCATION EMPLACEMENT	NUMBER OF HOURLY SAMPLES NOMBRE DE DONNEES HORAIRES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS - INTERVALS - INTERVALLES				CENTILES - DISTRIBUTIONS DES FREQUENCES MEANS ----- MOYENNES							
				1-HOUR / HEURE				8-HOUR / HEURES				24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX	70	95	99	MAX
80209C	SASKATOON, SASK. IDYLWYLD DR. & 33RD ST.	0	---	-	-	-	-	-	-	-	-	-	-	-	-
	EDMONTON, ALTA.														
90121I	17 STREET & 105 AVENUE	697	0.7	1	2	2	3	1	1	2	2	1	1	1	2
90122R	127 ST. & 133 AVENUE	699	1.1	1	4	5	10	1	3	4	6	2	2	3	3
90130C	10255 - 104TH STREET	696	1.4	2	3	5	8	2	3	4	5	2	2	3	3
	CALGARY, ALTA.														
90222R	39 ST. & 29 AVE. N.W.	700	0.9	1	2	3	6	1	2	3	4	1	1	2	2
90227C	1611-4TH STREET S.W.	700	1.6	2	3	6	9	2	3	4	4	2	2	3	3
	VANCOUVER, B.C.														
00106R	2294 WEST 10TH AVENUE	710	0.9	1	2	4	5	1	2	3	3	1	2	2	2
00108I	250 WEST 70TH AVENUE	694	1.3	1	3	5	7	1	3	4	5	2	2	3	3
00110R	E. HASTINGS & KENSINGTON	500	1.0	1	2	3	3	1	2	2	3	1	2	2	2
00111I	ROCKY PT. PARK	710	1.2	1	2	3	5	1	2	3	3	1	2	2	2
00112C	ROBSON/HORNBY	714	1.6	2	3	4	6	2	3	3	4	2	2	3	3
	VICTORIA, B.C.														
00302C	1250 QUADRA ST.	718	0.6	1	3	4	5	1	2	3	3	1	2	2	2

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

NITROGEN DIOXIDE
PARTS PER HUNDRED MILLIONAPRIL - AVRIL
1983DIOXYDE D'AZOTE
PARTIES PAR CENT MILLIONS

STATION	LOCATION EMPLACEMENT	NUMBER OF HOURLY SAMPLES NOMBRE DE DONNEES HORAIRES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS - CENTILES - DISTRIBUTIONS DES FREQUENCES				MEANS ---- MOYENNES			
				INTERVALS - INTERVALLES				24-HOUR / HEURES			
				1-HOUR / HEURE							
				70	95	99	MAX	70	95	99	MAX
30115I	HALIFAX, N.S.	590	***	1	2	3	4	1	1	2	2
30116C	CFB SHEARWATER BARRINGTON & DUKE	589	***	2	2	2	3	1	2	2	2
40202C	SAINT JOHN, N.B. POST OFFICE	717	***	0	2	3	5	0	1	1	1
50102R	MONTREAL, QUEBEC										
50104C	JARDIN BOTANIQUE	676	3.0	4	6	8	14	4	5	7	7
50108R	1125 ONTARIO EST	600	3.3	4	5	6	9	4	5	5	5
50109C	1700 BOURASSA, LONGUEUIL	194	---	4	6	7	9	4	5	5	5
50110C	DUNCAN & DECARIE	719	6.7	8	11	18	19	8	10	12	13
50112C	PARC PILON, MTL.-NORD	0	---	---	---	---	---	---	---	---	---
50113R	BOUL. LAURENTIDES	711	2.5	3	5	5	6	3	4	4	4
50115C	PIE X & CARDINAL	703	2.2	3	4	5	6	3	3	3	3
50116R	1001 BOUL MAISONNEUVE O. 3161 JOSEPH, VERDUN	714 720	3.7 2.5	4 3	6 4	7 6	10 7	4 3	6 3	6 4	6 4
50203R	HULL, QUEBEC GAMBLIN & JOFFRE	704	1.3	2	3	5	6	2	3	3	3
50304C	QUEBEC, QUEBEC 325 DORCHESTER SUD	701	4.0	4	11	18	29	4	9	12	12
60101C	OTTAWA, ONT. 88 SLATER ST.	716	3.0	4	5	6	8	3	4	5	5
60104C	RIDEAU & WURTEMBURG	709	1.2	2	3	4	7	2	2	3	3
60105R	NRC, MONTREAL ROAD	719	***	1	3	4	6	1	2	2	3
60204C	WINDSOR, ONT. 471 UNIVERSITY AVENUE	703	2.8	3	5	7	9	3	5	5	6
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	668	2.1	3	5	6	6	3	4	4	4
60403I	EVANS & ARNOLD	702	3.0	4	5	6	7	3	5	5	5
60410R	LAWRENCE & KENNEDY	702	1.7	2	4	6	6	2	3	4	4
60412R	BATHURST & WILSON	700	2.2	3	5	7	8	3	4	5	6
60413R	ELMCREST ROAD	0	---	---	---	---	---	---	---	---	---
60414I	SHERBOURNE & WILTON ST.	705	2.7	3	5	5	7	3	4	4	4
60415R	QUEENSWAY W & HURONTARIO	714	2.4	3	4	5	6	3	3	4	4
60417C	26 BREADALBANE STREET	688	2.3	3	5	7	8	3	4	5	5
60501C	HAMILTON, ONT. BARTON & SANFORD	703	2.9	4	5	5	7	3	4	4	4
60505R	NORTH PARK	708	2.3	3	5	7	9	3	5	6	6
60602R	SUDBURY, ONT. ASH STREET	697	***	1	2	3	4	1	1	2	2
60706I	SAULT STE. MARIE, ONT. FARWELL PUMP HOUSE	690	1.4	2	3	4	5	2	2	3	3
60901C	LONDON, ONT. KING & RECTORY	703	1.8	2	4	4	5	2	3	3	3
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	704	1.5	2	3	4	5	2	2	3	3
61201R	CORNWALL, ONT. MEMORIAL PARK	701	***	1	2	4	6	1	2	2	2
61301C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	446	1.6	2	4	4	5	2	3	3	3
61501C	KITCHENER, ONT. EDNA & FREDERICK	711	2.8	4	5	5	6	3	4	4	5
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	660	1.3	2	3	4	4	2	2	3	3
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	705	1.4	2	4	6	7	2	3	3	4
70118R	WINNIPEG, MAN. JEFFERSON & SCOTIA	500	1.8	2	4	4	5	2	4	4	4
70119C	65 ELLEN STREET	661	1.7	2	4	5	6	2	3	3	3
80109C	REGINA, SASK. 1620 ALBERT STREET	253	---	3	4	5	6	2	4	4	4
90122R	EDMONTON, ALTA. 127 ST. & 133 AVENUE	630	2.2	3	4	6	7	3	4	4	4
90130C	10255 - 104TH STREET	692	2.6	3	5	6	8	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

APRIL - AVRIL
1983

DIOXYDE D'AZOTE
PARTIES PAR CENT MILLIONS

STATION	LOCATION EMPLACEMENT	NUMBER OF HOURLY SAMPLES NOMBRE DE DONNEES HORAIRES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS - CENTILES -				DISTRIBUTIONS DES FREQUENCES			
				INTERVALS - INTERVALLES				MEANS ---- MOYENNES			
				1-HOUR / HEURE				24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX
CALGARY, ALTA.											
90222R	39 ST. & 29 AVE. N.W.	697	1.6	2	4	5	5	2	3	3	3
90227C	1611-4TH STREET S.W.	618	3.9	5	6	8	13	4	5	5	6
VANCOUVER, B.C.											
00106R	2294 WEST 10TH AVENUE	577	3.1	4	5	7	8	4	5	5	5
00108I	250 WEST 70TH AVENUE	342	---	3	4	4	4	2	3	3	3
00110R	E. HASTINGS & KENSINGTON	0	---	-	-	-	-	-	-	-	-
00111I	ROCKY PT. PARK	696	2.1	3	4	5	6	3	3	4	4
00112C	ROBSON/HORNEY	709	3.4	4	5	6	7	4	5	5	5
VICTORIA, B.C.											
00302C	1250 QUADRA ST.	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 MILLIONAPRIL - AVRIL
1983OZONE
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.	717	1.9	2	3	4	6	2	3	3	3
30116C	CFB SHEARWATER BARRINGTON & DUKE	698	2.1	3	4	5	5	2	4	4	4
40202C	SAINT JOHN, N.B. POST OFFICE	550	3.1	4	6	6	8	4	5	6	6
50102R	MONTREAL, QUEBEC JARDIN BOTANIQUE	720	1.5	2	4	4	5	2	3	3	3
50103R	POINTE-AUX-TREMBLES	719	1.9	3	4	5	6	2	3	4	4
50104C	1125 ONTARIO EST	276	---	2	3	4	4	2	2	3	3
50108R	1700 BOURASSA, LONGUEUIL	384	1.8	2	4	6	6	2	3	4	4
50109C	DUNCAN & DECARIE	518	0.8	1	2	3	3	1	2	2	2
50110C	PARC PILON, MTL.-NORD	0	---	-	-	-	-	-	-	-	-
50112C	BOUL. LAURENTIDES	534	1.9	2	4	5	6	2	3	3	4
50113R	PIE X & CARDINAL	421	1.6	2	4	4	4	2	3	3	3
50115C	1001 BOUL MAISONNEUVE O.	264	---	0	1	1	2	0	1	1	1
50116R	3161 JOSEPH, VERDUN	125	---	2	4	5	5	2	3	3	3
50304C	QUEBEC, QUEBEC 325 DORCHESTER SUD	704	1.4	2	4	5	6	2	3	4	4
50306R	2026 BLVD. ST-CYRILLE	688	3.0	4	6	9	10	4	5	6	7
60101C	OTTAWA, ONT. 88 SLATER ST.	718	0.9	1	2	2	3	1	2	2	2
60104C	RIDEAU & WURTEMBERG	706	2.1	3	4	4	4	2	3	3	3
60105R	NRC, MONTREAL ROAD	714	1.6	2	3	3	4	2	2	3	3
60204C	WINDSOR, ONT. 471 UNIVERSITY AVENUE	701	1.8	2	4	5	6	2	3	3	4
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	678	2.0	3	4	5	6	2	3	4	4
60403I	EVANS & ARNOLD	701	1.3	2	3	3	4	2	2	3	3
60410R	LAWRENCE & KENNEDY	703	1.7	2	4	4	6	2	3	3	3
60413R	ELMCREST ROAD	711	1.7	2	4	4	6	2	3	3	3
60414I	SHERBOURNE & WILTON ST.	701	1.4	2	3	4	4	2	3	3	3
60415R	QUEENSWAY W & HURONTARIO	668	1.9	3	3	5	6	2	3	3	3
60417C	26 BREADALBANE STREET	689	1.8	2	4	5	7	2	3	4	4
60501C	HAMILTON, ONT. BARTON & SANFORD	701	1.9	3	4	5	7	2	3	4	4
60602R	SUDBURY, ONT. ASH STREET	109	---	2	3	3	3	2	2	2	2
60706I	SAULT STE. MARIE, ONT. FARWELL PUMP HOUSE	689	2.9	4	4	5	6	3	4	4	5
60806R	THUNDER BAY, ONT. 435 JAMES S.	711	1.7	2	3	4	4	2	3	3	3
60901C	LONDON, ONT. KING & RECTORY	702	2.3	3	4	5	7	3	3	3	3
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	705	2.5	3	4	6	7	3	3	4	4
61201R	CORNWALL, ONT. MEMORIAL PARK	693	2.2	3	4	5	5	3	3	4	4
61301C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	690	2.2	3	4	6	7	3	3	4	5
61501C	KITCHENER, ONT. EDNA & FREDERICK	713	2.1	3	4	5	7	2	3	4	4
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	714	2.3	3	4	5	6	3	3	4	4
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	705	2.6	3	4	4	5	3	4	4	4
70118R	WINNIPEG, MAN. JEFFERSON & SCOTIA	573	2.8	4	5	5	6	3	4	4	4
70119C	65 ELLEN STREET	595	2.0	3	4	5	5	2	3	3	3
80109C	REGINA, SASK. 1620 ALBERT STREET	250	---	3	4	5	5	3	4	4	4
90122R	EDMONTON, ALTA. 127 ST. & 133 AVENUE	688	2.5	4	5	6	6	3	4	4	5
90130C	10255 - 104TH STREET	674	1.7	2	4	4	4	2	3	3	3

--- 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 MILLIONAPRIL - AVRIL
1983OZONE
PARTIES PAR CENT MILLIONS

STATION	LOCATION EMPLACEMENT	NUMBER OF HOURLY SAMPLES NOMBRE DE DONNEES HORAIRES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS - CENTILES -				DISTRIBUTIONS DES FREQUENCES			
				INTERVALS - INTERVALLES				MEANS ---- MOYENNES			
				1-HOUR / HEURE				24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX
CALGARY, ALTA.											
90222R	39 ST. & 29 AVE. N.W.	689	2.7	4	5	6	6	3	4	4	4
90227C	1611-4TH STREET S.W.	687	1.6	2	4	4	5	2	2	3	3
VANCOUVER, B.C.											
00106R	2294 WEST 10TH AVENUE	683	1.3	2	4	5	6	1	2	3	3
00108I	250 WEST 70TH AVENUE	515	1.4	2	4	4	5	2	2	3	3
00110R	E. HASTINGS & KENSINGTON	520	1.6	2	3	4	4	2	2	2	2
00111I	ROCKY PT. PARK	675	2.1	3	6	7	7	3	3	3	3
00112C	ROBSON/HORNBY	698	0.6	1	2	2	2	1	1	1	1
VICTORIA, B.C.											
00302C	1250 QUADRA ST.	581	1.5	2	3	4	4	2	3	3	3

SOILING INDEX
COH UNITS PER 1000 LINEAR FT.

APRIL - AVRIL
1983

INDICE DE SOUILLURE
UNITES COH PAR 1000 PIEDS LINEAIRES

STATION	LOCATION EMPLACEMENT	NUMBER OF SAMPLES NOMBRE DE DONNEES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS				DISTRIBUTIONS DES FREQUENCES			
				INTERVALS - INTERVALLES				MEANS ----- MOYENNES			
				2-HOUR / HEURES				24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX
MONTREAL, QUEBEC											
50101R	7405 CHAMPAGNEUR	348	0.32	0.4	0.7	1.3	1.6	0.4	0.6	0.7	0.7
50103R	POINTE-AUX-TREMBLES	357	0.21	0.3	0.5	0.9	1.2	0.2	0.4	0.5	0.5
50109C	DUNCAN & DECARIE	308	0.45	0.6	1.0	1.4	2.3	0.6	0.7	0.9	0.9
50110C	PARC PILON, MTL.-NORD	330	0.32	0.4	0.9	1.2	1.4	0.3	0.6	0.7	0.8
50115C	1001 BOUL MAISONNEUVE O.	338	0.29	0.3	0.6	1.0	1.3	0.3	0.5	0.7	0.7
50116R	3161 JOSEPH, VERDUN	259	0.28	0.3	0.7	1.2	1.2	0.3	0.5	0.5	0.5
HULL, QUEBEC											
50203R	GAMBLIN & JOFFRE	360	0.11	0.2	0.3	0.4	0.6	0.1	0.2	0.3	0.3
TROIS-RIVIERES, QUEBEC											
50801R	HART & STE-CECILE	323	0.18	0.2	0.4	0.5	1.2	0.2	0.3	0.4	0.4
SHAWINIGAN, QUEBEC											
51201I	FRIGON & LAVAL	270	****	0.1	0.4	0.5	0.6	0.1	0.2	0.3	0.3
OTTAWA, ONT.											
60101C	88 SLATER ST.	359	0.16	0.2	0.5	0.7	1.5	0.2	0.4	0.4	0.5
60104C	RIDEAU & WURTEMBERG	706	(1) 0.14	0.2	0.4	0.6	0.7	0.2	0.3	0.4	0.4
WINDSOR, ONT.											
60204C	471 UNIVERSITY AVENUE	705	(1) 0.36	0.4	0.8	1.5	2.5	0.4	0.7	0.9	1.0
60211R	COLLEGE & PRINCE	705	(1) 0.33	0.4	0.8	1.2	1.6	0.4	0.6	0.8	0.8
TORONTO, ONT.											
60403I	EVANS & ARNOLD	703	(1) 0.21	0.3	0.5	0.7	0.9	0.3	0.4	0.4	0.4
60410R	LAWRENCE & KENNEDY	704	(1) 0.26	0.3	0.8	1.0	1.4	0.3	0.5	0.6	0.6
60412R	BATHURST & WILSON	700	(1) 0.44	0.5	1.3	1.6	1.8	0.6	0.9	1.2	1.2
60414I	SHERBOURNE & WILTON ST.	704	(1) 0.51	0.6	1.2	1.7	2.1	0.6	0.9	1.1	1.1
60417C	26 BREADALBANE STREET	694	(1) 0.36	0.4	0.9	1.3	1.5	0.4	0.6	0.8	0.8
HAMILTON, ONT.											
60501C	BARTON & SANFORD	704	(1) 0.41	0.5	1.0	1.3	1.6	0.5	0.8	0.9	0.9
60505R	NORTH PARK	693	(1) 0.45	0.6	1.2	1.4	2.2	0.5	0.9	1.2	1.2
SUDBURY, ONT.											
60602R	ASH STREET	697	(1) ****	0.0	0.3	0.4	0.7	0.1	0.1	0.2	0.2
LONDON, ONT.											
60901C	KING & RECTORY	704	(1) 0.22	0.3	0.5	0.9	1.2	0.3	0.5	0.5	0.6
SARNIA, ONT.											
61004R	FRONT ST. AT C.N. TRACKS	706	(1) 0.17	0.3	0.4	0.7	0.9	0.2	0.4	0.4	0.4
CORNWALL, ONT.											
61201R	MEMORIAL PARK	704	(1) 0.19	0.2	0.5	0.9	1.6	0.2	0.4	0.5	0.6
ST. CATHARINES, ONT.											
61301C	NORTH ST. & GENEVA ST.	702	(1) 0.26	0.3	0.7	1.0	1.1	0.3	0.5	0.6	0.6
OAKVILLE, ONT.											
61602R	BRONTE AND WOBURN CRES.	701	(1) 0.33	0.4	0.9	1.1	1.4	0.4	0.6	0.7	0.8
OSHAWA, ONT.											
61701R	RITSON RD. & OLIVE AVE.	675	(1) 0.29	0.3	0.8	1.3	1.8	0.3	0.7	0.8	0.8
WINNIPEG, MAN.											
70118R	JEFFERSON & SCOTIA	354	0.11	0.1	0.3	0.5	0.7	0.1	0.2	0.2	0.3
70119C	65 ELLEN STREET	360	0.12	0.2	0.3	0.5	0.5	0.2	0.2	0.3	0.3
70120R	604 ST. MARY'S RD.	360	****	0.0	0.1	0.3	0.4	0.0	0.1	0.2	0.2
EDMONTON, ALTA.											
90122R	127 ST. & 133 AVENUE	696	(1) 0.20	0.2	0.5	1.1	1.2	0.3	0.3	0.6	0.6
90130C	10255 - 104TH STREET	720	(1) 0.27	0.3	0.6	0.9	1.0	0.3	0.4	0.5	0.5
CALGARY, ALTA.											
90218I	BONNY BRK & 18A ST. S.E.	718	(1) 0.25	0.3	0.6	1.0	1.1	0.3	0.4	0.5	0.6
90222R	39 ST. & 29 AVE. N.W.	720	(1) ****	0.1	0.2	0.4	1.0	0.1	0.2	0.2	0.2
90227C	1611-4TH STREET S.W.	704	(1) 0.25	0.3	0.6	1.1	1.2	0.3	0.5	0.6	0.6
VANCOUVER, B.C.											
00102R	100 RICHMOND STREET	0	----	-	-	-	-	-	-	-	-
00106R	2294 WEST 10TH AVENUE	360	0.11	0.2	0.3	0.5	0.6	0.2	0.2	0.2	0.2
00108I	250 WEST 70TH AVENUE	360	0.22	0.3	0.6	0.9	1.1	0.3	0.4	0.5	0.5
00110R	E. HASTINGS & KENSINGTON	297	0.16	0.2	0.5	0.6	1.0	0.2	0.3	0.3	0.3
00111I	ROCKY PT. PARK	276	0.21	0.3	0.5	0.6	0.9	0.3	0.3	0.4	0.4
00112C	ROBSON/HORNBY	0	----	-	-	-	-	-	-	-	-
PRINCE GEORGE, B.C.											
00202C	1011 4TH AVENUE	360	0.22	0.3	0.6	0.8	0.9	0.3	0.4	0.4	0.4

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

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

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

SOILING INDEX
COH UNITS PER 1000 LINEAR FT.

APRIL - AVRIL
1983

INDICE DE SOUILLURE
UNITES COH PAR 1000 PIEDS LINEAIRES

STATION	LOCATION EMPLACEMENT	NUMBER OF SAMPLES NOMBRE DE DONNEES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS -----				DISTRIBUTIONS DES FREQUENCES			
				INTERVALS - INTERVALLES				MEANS ----- MOYENNES			
				2-HOUR / HEURES				24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX
00302C	VICTORIA, B.C. 1250 QUADRA ST.	229	0.26	0.3	0.8	1.0	1.2	0.3	0.5	0.5	0.5
09001C	WHITEHORSE, YUKON FEDERAL BUILDING	0	----	-	-	-	-	-	-	-	-

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

SUSPENDED PARTICULATE MATTER AND LEAD
MICROGRAMS PER CUBIC METRE

APRIL - AVRIL
1983

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	-	13	33	26	45	29	-	0.0	0.2	0.1	0.1	0.1
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	31	79	30	64	-	51	0.1	0.2	0.1	0.1	-	0.1
30101C	HALIFAX, N.S. N.S. TECHNICAL COLLEGE	41	40	73	50	58	52	0.2	0.1	0.1	0.1	0.1	0.1
30102R	DALHOUSIE UNIVERSITY	19	33	25	37	-	29	0.1	0.1	0.1	0.1	-	0.1
30114R	MT ST VINCENT UNIVERSITY	-	-	-	-	-	-	-	-	-	-	-	-
30115I	CFB SHEARWATER	-	47	45	77	-	56	-	0.1	0.1	0.2	-	0.1
30310C	SYDNEY, N.S. COUNTY JAIL	18	66	26	86	62	52	0.0	0.3	0.3	0.5	0.4	0.3
30311R	WHITNEY PIER FIRE STN.	-	-	20	94	95	70	-	-	0.2	0.3	0.3	0.3
30408R	GLACE BAY, N.S. SOUTH STREET	17	29	20	40	46	30	0.0	0.0	0.0	0.1	0.0	0.0
40102C	FREDERICTON, N.B. YORK STREET	95	42	40	52	38	53	0.4	0.2	0.2	0.2	0.3	0.2
40201C	SAINT JOHN, N.B. 110 CHARLOTTE STREET	40	40	60	67	32	48	0.1	0.0	0.1	0.1	0.1	0.1
50102R	MONTREAL, QUEBEC JARDIN BOTANIQUE	33	29	35	25	70	38	0.1	0.1	0.1	0.1	0.1	0.1
50103R	POINTE-AUX-TREMBLES	128	90	60	33	45	71	-	-	-	-	-	-
50104C	1125 ONTARIO EST	62	43	33	30	44	42	0.5	0.3	0.3	0.3	0.5	0.4
50108R	1700 BOURASSA, LONGUEUIL	44	28	39	25	37	35	0.1	0.1	-	-	0.1	0.1
50109C	DUNCAN & DECARIE	220	-	165	39	54	120	0.6	1.2	1.1	0.3	0.6	0.8
50110C	PARC PILON, MTL.-NORD	79	106	37	-	-	74	-	-	-	-	-	-
50112C	BOUL. LAURENTIDES	83	64	46	41	71	61	0.3	0.2	0.1	0.1	0.3	0.2
50113R	PIE X & CARDINAL	42	33	28	25	43	34	0.2	0.1	0.1	0.1	0.3	0.2
50116R	3161 JOSEPH, VERDUN	70	-	26	30	43	42	0.4	-	0.2	0.2	0.4	0.3
50203R	HULL, QUEBEC GAMELIN & JOFFRE	57	40	37	-	45	45	0.2	0.1	0.1	-	0.3	0.2
50303I	QUEBEC, QUEBEC CENTRE LOISIRS LIMOILLOU	-	-	74	102	104	93	-	-	0.4	1.2	0.6	0.7
50306R	2026 BLVD. ST-CYRILLE	36	43	42	100	52	55	0.1	0.4	0.3	0.8	0.3	0.4
50403C	SHERBROOKE, QUEBEC WELLINGTON & ALBERT	72	55	45	50	54	55	0.2	0.1	0.1	0.2	0.2	0.2
50502R	CHICOUTIMI, QUEBEC USINE DE FILTRATION	-	-	-	17	25	-	-	-	-	-	-	-
50503C	222 RACINE	98	-	144	119	67	107	0.4	-	1.3	1.2	0.5	0.9
50601C	ROUYN, QUEBEC HOTEL DE VILLE	266	98	25	67	99	111	1.6	1.4	1.5	0.8	1.5	1.4
50701C	SEPT-ILES, QUEBEC HOTEL DE VILLE	-	-	14	-	-	-	-	-	-	-	-	-
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	159	75	-	42	59	84	0.5	0.2	-	0.1	0.1	0.2
50901R	ARVIDA, QUEBEC POWELL & HOOPES	17	-	82	222	41	91	-	-	0.6	0.3	0.2	0.4
51002R	TRACY, QUEBEC GARNEAU & RTE 132	-	23	43	42	74	46	-	0.1	-	-	0.3	-
51101C	THETFORD MINES, QUEBEC BOUL. STE-MARTHE	13	139	38	29	20	48	-	0.1	0.1	0.1	-	0.1
51201I	SHAMINIGAN, QUEBEC FRIGON & LAVAL	114	100	472	86	35	161	0.3	0.1	0.1	0.1	0.1	0.1
51301R	BAIE COMEAU, QUEBEC 39 AVE. MARGUERITE	19	60	57	34	-	43	-	-	-	-	-	-
60101C	OTTAWA, ONT. 88 SLATER ST.	64	39	43	30	51	45	0.2	0.1	0.1	0.1	0.2	0.1
60104C	RIDEAU & WURTEMBERG	-	28	29	22	69	37	-	0.1	0.0	0.0	0.2	0.1
60105R	NRC, MONTREAL ROAD	30	14	17	14	34	22	0.1	0.0	0.0	0.0	0.2	0.1
60201I	WINDSOR, ONT. MORTON TERMINAL DOCK	34	52	53	129	52	64	0.2	0.2	0.1	0.0	0.2	0.1
60202C	CITY HALL	31	39	39	53	37	40	0.2	0.2	0.2	0.0	0.2	0.2
60203R	TECUMSEH WATER WORKS	21	24	25	-	31	25	0.2	0.2	0.0	-	0.2	0.2
60204C	471 UNIVERSITY AVENUE	89	45	37	71	38	56	0.5	0.2	0.2	0.1	0.3	0.3
60301R	KINGSTON, ONT. QUEEN'S UNIVERSITY	-	-	-	-	-	-	-	-	-	-	-	-
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	21	40	24	25	21	26	0.1	0.3	0.1	0.1	0.1	0.1
60403I	EVANS & ARNOLD	39	52	47	35	45	44	0.3	0.8	0.4	0.4	0.3	0.4
60409R	REDLANDS CRESCENT	10	27	21	28	26	22	0.0	0.1	0.0	0.0	0.0	0.0

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	
60410R	LAWRENCE & KENNEDY	15	60	35	33	31	35	0.1	0.6	0.4	0.2	0.2	0.3
60412R	BATHURST & WILSON	54	49	22	34	32	38	0.9	0.6	0.1	0.1	0.6	0.5
60413R	ELMCREST ROAD	37	46	21	30	28	32	0.3	0.4	0.1	0.1	0.2	0.2
60414I	SHERBOURNE & WILTON ST.	156	69	75	44	57	80	0.8	0.5	0.2	0.1	0.4	0.4
60415R	QUEENSWAY W & HURONTARIO	32	-	41	51	36	40	0.2	-	0.2	0.2	0.2	0.2
60417C	26 BREADALBANE STREET	29	69	43	54	-	49	0.1	0.4	0.1	0.2	-	0.2
HAMILTON, ONT.													
60501C	BARTON & SANFORD	-	57	53	112	111	83	-	-	-	-	0.3	-
60503I	CHATHAM & FRID	47	74	57	55	58	58	0.2	0.2	0.2	0.0	-	0.2
60505R	NORTH PARK	19	74	53	56	47	50	0.0	0.5	0.6	0.1	-	0.3
SUDBURY, ONT.													
60602R	ASH STREET	39	30	25	24	-	30	0.1	0.1	0.0	0.1	-	0.1
60605C	19 LISGAR STREET	-	-	-	27	51	-	-	-	-	0.2	0.4	-
SAULT STE. MARIE, ONT.													
60705R	550 QUEEN STREET WEST	33	37	47	66	31	43	0.2	0.1	0.1	0.2	0.1	0.1
60706I	FARWELL PUMP HOUSE	-	-	-	-	-	-	-	-	-	-	-	-
THUNDER BAY, ONT.													
60801C	14 ALGOMA STREET	-	36	-	52	-	-	-	-	-	-	-	-
60806R	435 JAMES S.	58	56	83	81	32	62	-	-	-	-	-	-
LONDON, ONT.													
60901C	KING & RECTORY	66	-	29	56	41	48	0.2	-	0.1	0.1	0.0	0.1
60902C	372 DUNDAS	42	27	21	33	39	32	0.2	0.0	0.0	0.0	0.0	0.0
SARNIA, ONT.													
61004R	FRONT ST. AT C.N. TRACKS	57	41	41	48	35	44	0.2	0.1	0.0	0.1	0.1	0.1
PETERBOROUGH, ONT.													
61103C	500 GEORGE STREET	-	40	55	42	44	45	-	0.2	0.2	0.1	0.2	0.2
CORNWALL, ONT.													
61201R	MEMORIAL PARK	-	41	42	25	74	46	-	0.2	0.1	0.1	0.6	0.3
ST. CATHARINES, ONT.													
61301C	NORTH ST. & GENEVA ST.	66	62	45	90	57	64	0.2	0.3	0.2	0.2	0.5	0.3
KITCHENER, ONT.													
61501C	EDNA & FREDERICK	41	52	48	46	56	49	0.7	1.0	0.4	0.8	1.0	0.8
OAKVILLE, ONT.													
61602R	BRONTE AND WOBURN CRES.	16	39	26	30	23	27	0.0	0.1	0.0	0.0	0.0	0.0
OSHAWA, ONT.													
61701R	RITSON RD. & OLIVE AVE.	40	38	22	28	44	34	0.1	0.3	0.0	0.0	0.3	0.1
GUELPH, ONT.													
61801C	FARQUHAR & WYNDHAM	31	30	23	31	29	29	0.0	0.0	0.0	0.0	0.2	0.0
WINNIPEG, MAN.													
70102R	PORTAGE & WOODLAWN	265	61	51	98	93	114	1.1	0.3	0.1	0.2	0.8	0.5
70104I	UNION STOCK YARDS	150	39	60	81	67	79	0.4	0.1	0.1	0.2	0.3	0.2
70118R	JEFFERSON & SCOTIA	95	30	67	120	57	74	0.4	0.1	0.2	0.4	0.4	0.3
70119C	65 ELLEN STREET	294	80	157	143	59	147	0.6	0.1	0.4	0.3	0.1	0.3
70120R	604 ST. MARY'S RD.	187	42	115	78	64	97	0.7	0.1	0.2	0.3	0.6	0.4
BRANDON, MAN.													
70201C	11TH ST. & PRINCESS AVE.	125	69	77	75	61	81	0.2	0.2	0.2	0.2	0.3	0.2
REGINA, SASK.													
80102R	3211 ALBERT STREET	38	56	27	43	39	41	0.0	0.1	0.0	0.0	0.0	0.0
80108C	12TH AVE. & SMITH ST.	197	109	71	91	62	106	0.2	0.1	0.1	0.1	0.1	0.1
80109C	1620 ALBERT STREET	239	117	69	114	67	121	0.5	0.3	0.2	0.1	0.3	0.3
SASKATOON, SASK.													
80203R	30TH ST. & 833 P AVE.	79	-	67	-	-	-	0.1	-	0.1	-	-	-
80209C	IDYLYWLD DR. & 33RD ST.	85	65	86	-	-	79	0.1	0.2	0.1	-	-	0.1
MOOSE JAW, SASK.													
80301C	FAIRFORD ST. & 1ST AVE.	141	72	97	113	84	101	0.2	0.1	0.1	0.0	0.1	0.1
PRINCE ALBERT, SASK.													
80401C	1257-1ST AVE. EAST	86	24	61	102	74	69	0.1	0.2	0.1	0.1	0.1	0.1
EDMONTON, ALTA.													
90121I	17 STREET & 105 AVENUE	63	44	201	115	83	101	-	-	-	-	-	-
90122R	127 ST. & 133 AVENUE	115	118	119	51	57	92	-	-	-	-	-	-
90130C	10255 - 104TH STREET	164	157	211	131	69	146	-	-	-	-	-	-
CALGARY, ALTA.													
90204C	316-7TH AVENUE	254	127	203	51	46	136	-	-	-	-	-	-
90218I	BONNY BRK & 18A ST. S.E.	86	76	161	65	38	85	-	-	-	-	-	-
90222R	39 ST. & 29 AVE. N.W.	66	67	59	61	27	56	-	-	-	-	-	-
YELLOWKNIFE, N.W.T.													
99001C	50TH AVE. & 49TH STREET	-	-	-	-	-	-	-	-	-	-	-	-

SUSPENDED PARTICULATE MATTER AND LEAD
MICROGRAMS PER CUBIC METRE

APRIL - AVRIL
1983

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	
VANCOUVER, B.C.													
00102R	100 RICHMOND STREET	74	51	90	26	57	60	0.5	0.4	0.7	0.2	0.4	0.4
00104R	27TH & ONTARIO	-	31	77	22	59	47	-	0.4	0.7	0.2	0.5	0.5
00106R	2294 WEST 10TH AVENUE	70	25	82	16	46	48	0.5	0.2	0.5	0.2	0.4	0.4
00108I	250 WEST 70TH AVENUE	86	39	116	24	50	63	0.6	0.4	0.7	0.1	0.3	0.4
00109C	970 BURRARD	66	30	79	19	51	49	0.6	0.5	0.7	0.3	0.5	0.5
00110R	E. HASTINGS & KENSINGTON	-	-	73	17	47	46	-	-	0.5	0.2	0.4	0.3
00111I	ROCKY PT. PARK	62	44	61	21	56	49	0.4	0.3	0.4	0.2	0.4	0.4
00113I	ANNACIS ISLAND, DELTA	70	57	106	21	56	62	0.4	0.3	0.7	0.0	0.2	0.3
00114C	MUNICIPAL HALL, RICHMOND	56	28	62	18	45	42	0.6	0.3	0.6	0.2	0.4	0.4
00115R	NEWTON ELEM. SCH., SURREY	56	38	58	-	44	49	0.4	0.4	0.4	-	0.5	0.4
00116R	FIRE HALL, N. VANCOUVER	-	-	-	-	-	-	-	-	-	-	-	-
00117R	BCIT BURNABY	61	35	74	62	55	57	0.8	0.5	0.9	0.3	0.8	0.7
PRINCE GEORGE, B.C.													
00202C	1011 4TH AVENUE	46	92	79	72	72	72	0.1	0.3	0.1	0.0	0.1	0.1
VICTORIA, B.C.													
00302C	1250 QUADRA ST.	-	43	63	21	28	39	-	0.7	0.7	0.2	0.1	0.4
KAMLOOPS, B.C.													
00401C	301 SEYMOUR ST.	86	118	-	64	48	79	0.5	0.4	-	0.3	0.4	0.4
WHITEHORSE, YUKON													
09001C	FEDERAL BUILDING	265	-	-	-	-	-	0.3	-	-	-	-	-

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

APRIL - AVRIL
1983

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	-	0	1	-	-
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	-	-	1	1	-
30114R	HALIFAX, N.S. MT ST VINCENT UNIVERSITY	-	-	-	-	-
30115I	CFB SHEARWATER	-	1	1	3	-
30310C	SYDNEY, N.S. COUNTY JAIL	0	1	0	4	1
30311R	WHITNEY PIER FIRE STN.	-	-	-	-	-
30408R	GLACE BAY, N.S. SOUTH STREET	-	1	-	1	0
50102R	MONTREAL, QUEBEC JARDIN BOTANIQUE	0	-	0	1	0
50103R	POINTE-AUX-TREMBLES	2	-	2	0	-
50104C	1125 ONTARIO EST	1	0	-	1	1
50108R	1700 BOURASSA, LONGUEUIL	1	0	1	0	0
50109C	DUNCAN & DECARIE	12	-	1	3	1
50110C	PARC PILON, MTL.-NORD	2	2	1	-	-
50112C	BOUL. LAURENTIDES	1	0	0	0	0
50113R	PIE X & CARDINAL	0	0	0	0	0
50116R	3161 JOSEPH, VERDUN	0	-	-	0	0
50203R	HULL, QUEBEC GAMBLIN & JOFFRE	1	0	0	-	0
50303I	QUEBEC, QUEBEC CENTRE LOISIRS LIMOILLOU	-	-	3	34	32
50306R	2026 BLVD. ST-CYRILLE	1	0	1	0	0
50601C	ROUYN, QUEBEC HOTEL DE VILLE	10	14	1	1	16
50701C	SEPT-ILES, QUEBEC HOTEL DE VILLE	-	-	0	-	-
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	5	2	-	1	3
50901R	ARVIDA, QUEBEC POWELL & HOOPEES	-	-	-	0	3
51201I	SHAWINIGAN, QUEBEC FRIGON & LAVAL	2	3	7	3	-
51301R	BAIE COMEAU, QUEBEC 39 AVE. MARGUETTE	-	-	0	0	-
60101C	OTTAWA, ONT. 88 SLATER ST.	0	0	0	0	0
60104C	RIDEAU & WURTEMBERG	-	0	0	0	0
60105R	NRC, MONTREAL ROAD	0	0	0	0	1
60201I	WINDSOR, ONT. MORTON TERMINAL DOCK	1	1	1	1	0
60204C	471 UNIVERSITY AVENUE	1	0	0	0	0
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	-	-	0	0	0
60403I	EVANS & ARNOLD	0	0	0	0	1
60409R	REDLANDS CRESCENT	0	1	0	2	1
60410R	LAWRENCE & KENNEDY	0	0	0	0	0
60412R	BATHURST & WILSON	0	0	0	0	1
60413R	ELMCREST ROAD	1	1	1	0	1
60414I	SHERBOURNE & WILTON ST.	0	1	0	0	0
60415R	QUEENSWAY W & HURONTARIO	1	-	0	1	1
60417C	26 BREADALBANE STREET	0	1	0	0	-
60501C	HAMILTON, ONT. BARTON & SANFORD	-	1	1	3	9
60505R	NORTH PARK	0	1	1	0	0
60602R	SUDBURY, ONT. ASH STREET	0	0	0	0	-
60706I	SAULT STE. MARIE, ONT. FARWELL PUMP HOUSE	-	-	-	-	-
60806R	THUNDER BAY, ONT. 435 JAMES S.	0	0	1	0	0
60901C	LONDON, ONT. KING & RECTORY	0	-	0	0	0

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

APRIL - AVRIL
1983

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

STATION	LOCATION EMPLACEMENT	*----- DAY / JOUR -----*				
		6	12	18	24	30
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	0	0	0	0	1
61103C	PETERBOROUGH, ONT. 500 GEORGE STREET	-	0	0	0	0
61201R	CORNWALL, ONT. MEMORIAL PARK	-	-	0	0	0
61301C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	0	0	0	0	2
61501C	KITCHENER, ONT. EDNA & FREDERICK	1	0	0	0	0
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	0	1	0	0	0
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	0	0	0	0	0
61801C	GUELPH, ONT. FARQUHAR & WYNDHAM	1	1	0	0	0
70118R	WINNIPEG, MAN. JEFFERSON & SCOTIA	0	0	0	0	0
70119C	65 ELLEN STREET	2	0	-	0	0
70120R	604 ST. MARY'S RD.	0	0	-	-	0
80109C	REGINA, SASK. 1620 ALBERT STREET	0	0	0	0	0
80209C	SASKATOON, SASK. IDYLWYLD DR. & 33RD ST.	0	0	0	-	-
80301C	MOOSE JAW, SASK. FAIRFORD ST. & 1ST AVE.	0	0	-	0	0
80401C	PRINCE ALBERT, SASK. 1257-1ST AVE. EAST	0	0	0	0	0
90121I	EDMONTON, ALTA. 17 STREET & 105 AVENUE	0	0	3	1	1
90218I	CALGARY, ALTA. BONNY BRK & 18A ST. S.E.	0	1	5	2	1
00106R	VANCOUVER, B.C. 2294 WEST 10TH AVENUE	2	-	-	-	1
00110R	E. HASTINGS & KENSINGTON	-	-	1	0	1
00111I	ROCKY PT. PARK	1	1	1	0	1
00302C	VICTORIA, B.C. 1250 QUADRA ST.	-	1	1	0	0
00401C	KAMLOOPS, B.C. 301 SEYMOUR ST.	-	-	-	-	-

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

APRIL - AVRIL
1983

RETOMBÉES DE POUSSIÈRES
GRAMMES PAR MÈTRE CARRE PAR 30 JOURS
INDICES DE FORMATION DE SULFATE
MILLIGRAMMES PAR 100 CM2 PAR JOUR

STATION	LOCATION EMPLACEMENT	DUSTFALL RETOMBÉES DE POUSSIÈRES	SO3
30301R	SYDNEY, N.S. MURPHY ROAD	2.5	0.2 **
30309I	PT EDWARD, RICHMOND PLST	2.6	0.1 **
30310C	COUNTY JAIL	10.0	0.2 **
30311R	WHITNEY PIER FIRE STN.	6.8	0.4 **
30401R	GLACE BAY, N.S. LAKE ROAD	11.5	0.3 **
30405C	GENERAL HOSPITAL	5.4	0.8 **
50101R	MONTREAL, QUEBEC 7405 CHAMPAGNEUR	2.0	-
50102R	JARDIN BOTANIQUE	2.0	-
50103R	POINTE-AUX-TREMBLES	3.0	-
60403I	TORONTO, ONT. EVANS & ARNOLD	6.7	-
60404R	5126 YONGE STREET	4.2	-
60405I	JOHN STREET PUMP STATION	9.0	-
60406R	ROSEHILL RESERVOIR	0.7	-
60408C	DANFORTH & ROBINSON	5.1	-
60501C	HAMILTON, ONT. BARTON & SANFORD	10.6	-
60502I	BURLINGTON & GAGE	20.3	-
60503I	CHATHAM & FRID	11.3	-
60507C	HUGHSON & HUNTER	10.7	-
60510I	STRATHEARN	29.6	-
60702R	SAULT STE. MARIE, ONT. ANNA MCREA PUBLIC SCHOOL	4.9	-
60703I	BAYVIEW & YOUNG	13.6	-
60801C	THUNDER BAY, ONT. 14 ALGOMA STREET	-	-
70105R	WINNIPEG, MAN. MARTIN & HENDERSON HWY	13.1	0.0 **
70110C	KENNEDY & ST. MARY'S	6.0	-
70113I	WINDERMERE & ROCKMAN	7.4	0.1 **
70115C	PORTAGE & MINTO	12.9	0.1 **
70116I	SMITH & KING	23.3	0.2 **
90125C	EDMONTON, ALTA. PRINS ELIZABETH & 108 ST	7.3	0.1 **
90126R	77 AVENUE & 85 STREET	2.9	0.1 **
90127I	115 AVENUE & 159 STREET	22.8	0.1 **
90128R	99 AVENUE & 160 STREET	4.6	0.1 **
90219C	CALGARY, ALTA. 620-7TH AVENUE, S.W.	9.7	0.2 **
90221R	DALHOUSIE DR & DALHAM DR	6.9	0.2 **
90223C	11 ST. & 38 AVE. S.E.	11.6	0.1 **
90224I	OGDENDALE & 71 AVE S.E.	49.7	0.2 **
90225R	PALLISER DR & OAKWOOD SW	7.9	0.1 **
90226I	SHEPPARD & 84 AVE S.E.	6.2	0.1 **

Environment Canada - Environnement Canada

National air pollution surveillance; monthly
summary = Surveillance nationale de la pollut
CANADA. AIR POLLUTION CONTROL DIRECTORATE

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3408367H

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