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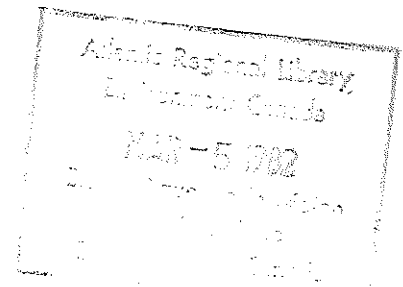
Environmental
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Monthly Summary May 1981



National Air Pollution Surveillance

Surveillance nationale de la pollution atmosphérique

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Extrait mensuel mai 1981

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39 021 216

Surveillance Report
EPS 5-AP-81-5

Air Pollution
Control Directorate

Rapport de surveillance
EPS 5-AP-81-5

Direction générale de
l'assainissement de l'air

Canada

SULPHUR DIOXIDE
PARTS PER HUNDRED MILLIONMAY - MAI
1981DIOXYDE 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		1-HOUR / HEURE		MEANS - MOYENNES		24-HOUR / HEURES	
				70	95	99	MAX	70	95	99	MAX
10101C	ST. JOHN'S, NFLD. DUCKWORTH & ORDINANCE	418	***	1	2	5	6	1	2	2	2
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	483	***	1	3	4	7	1	2	2	2
30114R	HALIFAX, N.S. MT ST VINCENT UNIVERSITY	630	***	0	1	2	3	0	1	1	1
30115I	CFB SHEARWATER	287	---	1	3	3	3	1	2	2	2
30116C	BARRINGTON & DUKE	230	---	2	4	5	7	2	3	3	3
30310C	SYDNEY, N.S. COUNTY JAIL	669	***	0	1	2	3	0	1	1	1
30311R	WHITNEY PIER FIRE STN.	617	***	0	1	4	9	0	1	2	2
30408R	GLACE BAY, N.S. SOUTH STREET	603	***	0	5	18	41	0	3	7	10
40202C	SAINT JOHN, N.B. POST OFFICE	256	---	0	1	1	5	0	1	1	1
50101R	MONTREAL, QUEBEC PARC JARRY	476	***	0	2	5	6	1	2	3	3
50102R	JARDIN BOTANIQUE	235	---	1	3	6	7	1	3	3	3
50103R	POINTE-AUX-TREMBLES	453	1.2	2	3	8	12	2	4	5	5
50104C	1125 ONTARIO EST	488	1.2	1	4	5	7	2	2	3	3
50105C	1212 DRUMMOND	493	***	1	3	4	5	1	2	2	2
50106R	VILLE ST-LAURENT	511	***	0	0	0	1	0	0	0	0
50109C	DUNCAN & DECARIE	744	1.1	1	2	5	9	1	2	3	3
50110C	PARC PILON, MTL.-NORD	451	***	1	1	3	4	1	1	1	2
50111C	2900 BOUL. CONCORDE	151	---	1	2	5	7	1	2	2	2
50112C	BOUL. LAURENTIDES	450	***	0	1	1	3	0	1	1	1
50113R	PIE X & CARDINAL	679	***	1	2	2	4	1	1	2	2
50115C	METCALFE & MAISONNEUVE	0	---	-	-	-	-	-	-	-	-
50116R	3161 JOSEPH, VERDUN	730	***	1	2	4	4	1	1	2	2
50203R	HULL, QUEBEC GAMBLIN & JOFFRE	683	***	1	1	2	7	0	1	1	1
50303I	QUEBEC, QUEBEC CENTRE LOISIRS LIMOILLOU	0	---	-	-	-	-	-	-	-	-
50304C	325 DORCHESTER SUD	538	1.3	1	4	8	17	2	3	3	4
50306R	2026 BLVD. ST-CYRILLE	514	***	1	2	4	5	1	2	2	2
50601C	ROUYN, QUEBEC HOTEL DE VILLE	701	1.2	1	7	15	32	2	5	6	6
50701C	SEPT-ILES, QUEBEC HOTEL DE VILLE	615	***	0	1	1	2	0	1	1	1
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	668	1.5	2	5	8	12	2	4	6	6
50901R	ARVIDA, QUEBEC POWELL & HOOPES	273	---	2	10	18	20	3	8	10	10
51001R	TRACY, QUEBEC 3225 AVE COURSHESNE	618	***	1	2	5	15	1	2	2	2
51201I	SHAWINIGAN, QUEBEC FRIGON & LAVAL	600	2.2	2	9	14	20	3	5	7	7
51301R	BAIE COMEAU, QUEBEC 39 AVE. MARGUETTE	484	1.3	0	8	28	66	2	7	8	10
60101C	OTTAWA, ONT. 88 SLATER ST.	640	***	1	1	3	6	1	1	1	1
60104C	RIDEAU & WURTEMBERG	733	***	0	1	2	3	0	0	1	1
60105R	NRC, MONTREAL ROAD	0	---	-	-	-	-	-	-	-	-
60201I	WINDSOR, ONT. MORTON TERMINAL DOCK	740	1.0	1	3	5	7	1	2	3	3
60204C	471 UNIVERSITY AVENUE	731	1.2	2	4	7	11	2	3	4	4
60211R	COLLEGE & PRINCE	717	***	0	2	6	8	1	2	4	4
60302R	KINGSTON, ONT. NAPIER STREET	0	---	-	-	-	-	-	-	-	-
60401C	TORONTO, ONT. 67 COLLEGE STREET	725	***	1	3	5	8	1	2	2	2
60402R	DON MILLS, SCIENCE CNTR	730	1.1	1	3	4	6	1	2	2	2
60403I	EVANS & ARNOLD	691	***	1	2	3	6	1	2	2	2
60409R	REDLANDS CRESCENT	736	***	0	1	2	2	0	1	1	1
60410R	LAWRENCE & KENNEDY	705	***	1	2	4	9	1	1	2	2

*** 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.

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CARBON MONOXIDE
PARTS PER MILLIONMAY - MAI
1981MONOXYDE 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
30116C	HALIFAX, N.S. BARRINGTON & DUKE	626	2.7	4	8	11	13	3	7	9	11	3	5	6	7
40202C	SAINT JOHN, N.B. POST OFFICE	358	---	0	2	3	8	0	1	2	3	0	1	1	1
MONTREAL, QUEBEC															
50103R	POINTE-AUX-TREMBLES	638	0.9	1	2	2	3	1	2	2	2	1	2	2	2
50104C	1125 ONTARIO EST	744	2.2	3	4	6	8	3	4	5	5	3	4	5	5
50109C	DUNCAN & DECARIE	743	2.0	2	6	8	12	3	5	6	7	2	4	4	4
50110C	PARC PILON, MTL.-NORD	492	1.3	2	4	5	6	2	3	4	5	2	3	3	4
50111C	2900 BOUL. CONCORDE	413	1.2	1	2	4	6	1	2	3	4	1	2	2	2
50112C	BOUL. LAURENTIDES	700	0.6	1	2	4	5	1	2	3	3	1	2	2	2
50113R	PIE X & CARDINAL	738	0.6	1	2	3	8	1	2	3	3	1	1	2	3
50114C	677 STE-CATHERINE O.	275	---	3	6	8	10	3	5	6	6	3	4	5	5
50115C	METCALFE & MAISONNEUVE	0	---	---	---	---	---	---	---	---	---	---	---	---	---
50116R	3161 JOSEPH, VERDUN	741	0.6	1	2	3	5	1	2	2	3	1	1	1	2
HULL, QUEBEC															
50203R	GAMBLIN & JOFFRE	727	0.6	1	1	2	4	1	1	1	1	1	1	1	1
QUEBEC, QUEBEC															
50304C	325 DORCHESTER SUD	709	1.1	1	3	5	11	1	3	4	4	2	2	2	2
OTTAWA, ONT.															
60101C	88 SLATER ST.	728	1.9	2	5	7	10	2	4	5	6	3	3	4	4
60104C	RIDEAU & WURTEMBERG	726	1.1	1	2	2	3	1	2	2	2	1	1	1	2
WINDSOR, ONT.															
60204C	471 UNIVERSITY AVENUE	719	0.7	1	2	3	6	1	2	2	2	1	2	2	2
TORONTO, ONT.															
60401C	67 COLLEGE STREET	742	5.9	6	10	13	17	7	9	12	12	7	8	9	10
60402R	DON MILLS, SCIENCE CNTR	721	1.0	1	3	3	4	1	2	3	3	1	2	2	2
60403I	EVANS & ARNOLD	691	1.7	2	4	5	6	2	3	4	4	2	3	3	4
60410R	LAWRENCE & KENNEDY	733	1.6	2	3	5	8	2	3	5	5	2	3	4	4
60412R	BATHURST & WILSON	728	1.7	2	4	5	6	2	3	4	5	2	3	4	4
60413R	ELMCREST ROAD	730	0.5	1	1	2	4	1	1	2	2	1	1	1	1
60414I	SHERBOURNE & WILTON ST.	735	1.6	2	3	5	8	2	3	4	4	2	3	3	3
60415R	QUEENSWAY W & HURONTARIO	742	2.5	3	8	9	11	3	6	6	7	3	4	5	6
60416C	381 YONGE STREET	744	5.3	6	13	26	37	6	13	21	24	6	11	12	12
HAMILTON, ONT.															
60501C	BARTON & SANFORD	719	1.0	1	3	4	7	1	3	3	4	1	2	3	3
SUDBURY, ONT.															
60602R	ASH STREET	691	---	0	0	0	1	0	0	0	0	0	0	0	0
LONDON, ONT.															
60901C	KING & RECTORY	722	---	0	1	3	7	0	1	3	4	0	1	2	2
SARNIA, ONT.															
61004R	FRONT ST. AT C.N. TRACKS	679	---	0	1	2	4	0	1	1	2	0	1	1	1
CORNWALL, ONT.															
61201R	MEMORIAL PARK	724	1.1	1	2	2	4	1	1	2	3	1	1	2	2
ST. CATHARINES, ONT.															
61301C	NORTH ST. & GENEVA ST.	511	1.2	2	3	5	7	2	3	3	3	2	3	3	3
KITCHENER, ONT.															
61501C	EDNA & FREDERICK	464	0.8	1	2	3	4	1	2	2	3	1	1	2	2
OAKVILLE, ONT.															
61602R	BRONTE AND WOBURN CRES.	734	2.9	3	5	6	9	3	5	5	6	3	4	5	5
OSHAWA, ONT.															
61701R	RITSON RD. & OLIVE AVE.	731	2.1	3	4	5	7	3	3	4	5	3	3	3	4
WINNIPEG, MAN.															
70118R	JEFFERSON & SCOTIA	704	---	1	1	3	4	0	1	1	2	0	1	1	1
70119C	65 ELLEN STREET	625	0.9	1	2	3	6	1	2	2	3	1	2	2	2
70120R	604 ST. MARY'S RD.	700	---	1	1	3	4	1	1	2	2	0	1	1	1
REGINA, SASK.															
80109C	1620 ALBERT STREET	233	---	1	3	4	5	1	2	3	3	1	2	2	2
SASKATOON, SASK.															
80209C	IDYLYWD DR. & 33RD ST.	317	---	0	1	2	2	0	1	1	1	0	1	1	1
EDMONTON, ALTA.															
90121I	17 STREET & 105 AVENUE	723	0.8	1	2	3	4	1	2	2	2	1	1	1	1
90122R	127 ST. & 133 AVENUE	719	0.7	1	2	4	7	1	2	3	4	1	2	2	3
90130C	10255 - 104TH STREET	725	1.3	2	3	5	9	2	3	3	4	1	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 MILLIONMAY - MAI
1981MONOXYDE 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 - MOYENNES				MEANS - MOYENNES			
				1-HOUR / HEURE				8-HOUR / HEURES				24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX	70	95	99	MAX
	CALGARY, ALTA.														
90222R	39 ST. & 29 AVE. N.W.	726	***	1	1	2	4	1	1	1	2	1	1	1	1
90227C	1611-4TH STREET S.W.	702	2.0	3	4	6	8	3	4	4	5	2	3	4	4
	VANCOUVER, B.C.														
00106R	2294 WEST 10TH AVENUE	0	---	-	-	-	-	-	-	-	-	-	-	-	-
00108I	250 WEST 70TH AVENUE	406	***	1	2	3	4	1	1	2	2	1	1	2	2
00110R	E. HASTINGS & KENSINGTON	577	1.4	2	2	3	7	2	2	3	3	2	2	2	2
00111I	ROCKY PT. PARK	570	1.3	2	2	3	3	2	2	2	2	2	2	2	2
00112C	ROBSON/HORNBY	715	1.7	2	4	6	7	2	3	5	6	2	3	3	4
	VICTORIA, B.C.														
00302C	1106 COOK ST.	710	1.3	2	3	4	6	2	3	4	4	1	2	3	3

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

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IL N'Y A PAS ASSEZ DE DONNÉES POUR CALCULER UNE MOYENNE VALABLE.

NITROGEN DIOXIDE
PARTS PER HUNDRED MILLION

MAY - MAI
1981

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
30115T	HALIFAX, N.S.										
30116C	CFB SHEARWATER	741	***	0	1	2	6	0	1	2	2
	BARRINGTON & DUKE	656	4.7	6	9	11	13	6	8	9	9
40202C	SAINT JOHN, N.B.										
	POST OFFICE	369	---	0	1	2	2	0	1	1	1
50102R	MONTREAL, QUEBEC										
	JARDIN BOTANIQUE	739	3.3	4	6	8	9	4	5	6	6
50104C	1125 ONTARIO EST	744	3.5	4	6	7	9	4	5	6	6
50109C	DUNCAN & DECARIE	0	---	-	-	-	-	-	-	-	-
50110C	PARC PILON, MTL.-NORD	579	3.6	4	6	7	8	4	5	5	5
50111C	2900 BOUL. CONCORDE	344	---	3	6	6	9	3	4	4	4
50112C	BOUL. LAURENTIDES	0	---	-	-	-	-	-	-	-	-
50113R	PIE X & CARDINAL	736	2.2	3	5	6	8	3	3	4	4
50115C	METCALFE & MAISONNEUVE	0	---	-	-	-	-	-	-	-	-
50116R	3161 JOSEPH, VERDUN	735	2.3	3	4	6	7	3	4	4	4
50203R	HULL, QUEBEC										
	GAMBLIN & JOFFRE	728	1.3	2	3	5	5	2	2	3	3
50304C	QUEBEC, QUEBEC										
	325 DORCHESTER SUD	511	2.7	3	4	5	7	3	4	4	5
60101C	OTTAWA, ONT.										
	88 SLATER ST.	727	2.7	3	5	6	7	3	4	4	5
60104C	RIDEAU & WURTEMBERG	729	1.4	2	4	6	7	2	3	3	3
60105R	NRC, MONTREAL ROAD	742	1.6	2	4	6	7	2	3	3	3
60204C	WINDSOR, ONT.										
	471 UNIVERSITY AVENUE	728	3.0	4	6	8	9	3	5	5	6
60401C	TORONTO, ONT.										
	67 COLLEGE STREET	734	3.2	4	7	9	11	4	5	6	7
60402R	DON MILLS, SCIENCE CNTR	739	***	1	2	3	4	1	2	2	2
60403I	EVANS & ARNOLD	652	4.4	5	8	10	11	5	7	7	8
60410R	LAWRENCE & KENNEDY	734	3.1	4	7	8	13	4	5	6	6
60412R	BATHURST & WILSON	728	3.6	5	9	11	14	5	8	9	9
60413R	ELMCREST ROAD	731	3.0	4	7	10	11	4	6	6	7
60414I	SHERBOURNE & WILTON ST.	735	3.5	4	7	9	12	4	6	7	7
60415R	QUEENSWAY W & HURONTARIO	742	3.6	4	7	9	10	4	6	6	7
60501C	HAMILTON, ONT.										
	BARTON & SANFORD	729	3.5	4	7	10	15	4	7	8	8
60505R	NORTH PARK	576	2.9	4	7	8	9	4	6	6	7
60602R	SUDBURY, ONT.										
	ASH STREET	729	***	1	3	5	8	1	2	2	2
60901C	LONDON, ONT.										
	KING & RECTORY	723	1.6	2	4	6	8	2	3	4	4
61004R	SARNIA, ONT.										
	FRONT ST. AT C.N. TRACKS	709	1.7	2	5	7	12	3	4	5	6
61201R	CORNWALL, ONT.										
	MEMORIAL PARK	725	1.1	1	3	4	5	1	2	2	3
61301C	ST. CATHARINES, ONT.										
	NORTH ST. & GENEVA ST.	717	2.4	3	5	6	8	3	4	4	4
61501C	KITCHENER, ONT.										
	EDNA & FREDERICK	0	---	-	-	-	-	-	-	-	-
61602R	OAKVILLE, ONT.										
	BRONTE AND WOBURN CRES.	664	2.1	3	5	6	7	3	4	4	4
61701R	OSHAWA, ONT.										
	RITSON RD. & OLIVE AVE.	732	2.3	3	6	8	10	3	5	5	5
70118R	WINNIPEG, MAN.										
	JEFFERSON & SCOTIA	678	1.2	1	3	5	6	2	3	3	3
70119C	65 ELLEN STREET	614	2.5	3	5	6	10	3	4	4	4
80109C	REGINA, SASK.										
	1620 ALBERT STREET	0	---	-	-	-	-	-	-	-	-
90122R	EDMONTON, ALTA.										
	127 ST. & 133 AVENUE	681	2.9	3	6	8	10	4	5	5	5
90130C	10255 - 104TH STREET	719	3.2	4	6	7	9	4	5	5	5
90222R	CALGARY, ALTA.										
	39 ST. & 29 AVE. N.W.	723	1.6	2	3	4	7	2	2	2	3
90227C	1611-4TH STREET S.W.	698	2.2	3	4	6	9	3	3	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

MAY - MAI
1981

DIOXYDE D'AZOTE
PARTIES PAR CENT MILLIONS

STATION	LOCATION	NUMBER OF	MONTHLY	FREQUENCY DISTRIBUTIONS - CENTILES -				DISTRIBUTIONS DES FREQUENCES			
	EMPLACEMENT	HOURLY SAMPLES	MEAN	INTERVALS - INTERVALLES				MEANS ----		MOYENNES	
		NOMBRE DE	MOYENNE	1-HOUR / HEURE				24-HOUR / HEURES			
		DONNEES HORAIRES	MENSUELLE	70	95	99	MAX	70	95	99	MAX
	VANCOUVER, B.C.										
00106R	2294 WEST 10TH AVENUE	728	2.2	3	4	5	7	3	3	4	4
00108I	250 WEST 70TH AVENUE	225	---	4	5	6	7	4	5	5	5
00110R	E. HASTINGS & KENSINGTON	0	---	-	-	-	-	-	-	-	-
00111I	ROCKY PT. PARK	733	1.4	2	3	5	15	2	3	4	4
00112C	ROBSON/HORNEY	687	3.5	4	6	7	8	4	5	5	5
	VICTORIA, B.C.										
00302C	1106 COOK ST.	710	2.9	4	6	8	10	3	5	5	6

--- 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 MILLIONMAY - MAI
1981OZONE
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. CPB SHEARWATER	0	---	-	-	-	-	-	-	-	-
30116C	BARRINGTON & DUKE	699	1.3	2	3	4	5	2	3	3	4
40202C	SAINT JOHN, N.B. POST OFFICE	369	---	2	4	5	6	3	4	4	4
50102R	MONTREAL, QUEBEC JARDIN BOTANIQUE	735	2.3	3	6	8	9	3	4	6	7
50103R	POINTE-AUX-TREMBLES	539	1.8	3	4	5	6	2	3	3	3
50104C	1125 ONTARIO EST	739	1.8	3	4	6	7	2	3	5	6
50109C	DUNCAN & DECARIE	393	1.6	2	5	7	8	2	3	4	4
50110C	PARC PILON, MTL.-NORD	0	---	-	-	-	-	-	-	-	-
50111C	2900 BOUL. CONCORDE	415	2.2	3	5	6	7	3	3	3	3
50112C	BOUL. LAURENTIDES	573	2.4	3	6	8	13	3	5	6	6
50113R	PIE X & CARDINAL	556	4.2	6	9	12	12	5	7	10	10
50115C	METCALFE & MAISONNEUVE	0	---	-	-	-	-	-	-	-	-
50116R	3161 JOSEPH, VERDUN	740	2.5	3	6	9	10	3	4	7	7
50304C	QUEBEC, QUEBEC 325 DORCHESTER SUD	729	1.1	1	4	5	7	1	3	4	4
50306R	2026 BLVD. ST-CYRILLE	384	2.1	3	4	6	6	3	3	3	3
60101C	OTTAWA, ONT. 88 SLATER ST.	655	1.5	2	3	5	6	2	3	4	4
60104C	RIDEAU & WURTEMBERG	726	2.4	3	5	6	8	3	4	6	6
60105R	NRC, MONTREAL ROAD	742	2.4	3	5	6	8	3	4	5	6
60204C	WINDSOR, ONT. 471 UNIVERSITY AVENUE	731	2.6	3	7	9	10	3	5	6	6
60401C	TORONTO, ONT. 67 COLLEGE STREET	731	2.1	3	5	8	11	2	4	5	5
60402R	DON MILLS, SCIENCE CNTR	439	1.9	3	4	5	6	2	3	3	3
60403I	EVANS & ARNOLD	692	1.4	2	4	8	10	2	4	4	5
60410R	LAWRENCE & KENNEDY	730	2.0	2	5	8	10	2	4	5	5
60413R	ELMCREST ROAD	726	1.7	2	5	7	8	2	3	4	4
60414I	SHERBOURNE & WILTON ST.	708	1.5	2	4	6	9	2	3	4	4
60415R	QUEENSWAY W & HURONTARIO	741	2.0	3	5	8	9	2	4	4	5
60501C	HAMILTON, ONT. BARTON & SANFORD	732	2.0	3	5	6	7	3	3	4	4
60602R	SUDBURY, ONT. ASH STREET	729	2.3	2	5	6	8	2	4	5	6
60806R	THUNDER BAY, ONT. 435 JAMES S.	0	---	-	-	-	-	-	-	-	-
60901C	LONDON, ONT. KING & RECTORY	717	2.9	4	7	9	10	3	5	7	7
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	728	2.9	3	6	9	10	3	5	6	6
61201R	CORNWALL, ONT. MEMORIAL PARK	727	3.3	4	6	8	9	4	5	7	8
61301C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	729	2.6	3	6	8	9	3	5	5	5
61501C	KITCHENER, ONT. EDNA & FREDERICK	741	2.6	3	6	9	10	3	5	6	7
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	738	2.3	3	5	9	10	3	4	5	5
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	494	2.1	3	4	5	6	2	3	3	3
70118R	WINNIPEG, MAN. JEFFERSON & SCOTIA	729	2.3	3	5	6	6	3	3	4	4
70119C	65 ELLEN STREET	612	2.6	4	5	6	7	3	4	4	4
80109C	REGINA, SASK. 1620 ALBERT STREET	358	---	4	5	6	6	4	4	4	4
90122R	EDMONTON, ALTA. 127 ST. & 133 AVENUE	681	2.9	4	6	6	7	3	4	4	4
90130C	10255 - 104TH STREET	707	1.6	2	4	4	5	2	3	3	3
90222R	CALGARY, ALTA. 39 ST. & 29 AVE. N.W.	719	3.1	4	5	6	7	4	4	5	5
90227C	1611-4TH STREET S.W.	718	1.4	2	4	4	5	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 MILLION

MAY - MAI
1981

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				CENTILES - MOYENNES			
				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	707	1.8	3	4	5	6	2	3	3	3
00108I	250 WEST 70TH AVENUE	476	2.1	3	5	6	7	2	3	4	4
00110R	E. HASTINGS & KENSINGTON	736	1.7	2	4	4	6	2	3	3	3
00111I	ROCKY PT. PARK	718	2.4	3	5	7	9	3	3	4	4
00112C	ROBSON/HORNEY	709	0.6	1	2	2	4	1	1	2	2
	VICTORIA, B.C.										
00302C	1106 COOK ST.	707	2.3	3	4	5	6	3	3	3	3

SOILING INDEX
COH UNITS PER 1000 LINEAR FT.

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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
30116C	HALIFAX, N.S. BARRINGTON & DUKE	0	----	-	-	-	-	-	-	-	-
30310C	SYDNEY, N.S. COUNTY JAIL	0	----	-	-	-	-	-	-	-	-
30408R	GLACE BAY, N.S. SOUTH STREET	0	----	-	-	-	-	-	-	-	-
50101R	MONTREAL, QUEBEC PARC JARRY	366	****	0.1	0.3	0.4	0.6	0.1	0.2	0.3	0.3
50103R	POINTE-AUX-TREMBLES	43	----	0.2	0.6	0.7	0.7	0.3	0.4	0.5	0.5
50104C	1125 ONTARIO EST	372	0.27	0.3	0.6	0.9	1.3	0.3	0.5	0.6	0.6
50105C	1212 DRUMMOND	256	0.15	0.2	0.5	0.7	1.0	0.2	0.3	0.3	0.3
50106R	VILLE ST-LAURENT	291	0.19	0.2	0.6	0.9	1.1	0.2	0.4	0.6	0.7
50109C	DUNCAN & DECARIE	371	0.46	0.5	1.2	1.8	2.0	0.6	1.0	1.1	1.1
50110C	PARC PILON, MTL.-NORD	133	----	0.3	0.5	0.6	0.8	0.2	0.4	0.4	0.4
50115C	METCALFE & MAISONNEUVE	0	----	-	-	-	-	-	-	-	-
50116R	3161 JOSEPH, VERDUN	372	0.28	0.3	0.7	1.1	2.3	0.3	0.5	0.7	0.7
50203R	HULL, QUEBEC GAMBLIN & JOFFRE	372	0.14	0.2	0.4	0.6	0.7	0.2	0.2	0.3	0.3
50303I	QUEBEC, QUEBEC CENTRE LOISIRS LIMOILLOU	0	----	-	-	-	-	-	-	-	-
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	240	0.20	0.2	0.4	0.7	0.9	0.3	0.3	0.4	0.4
51201I	SHAWINIGAN, QUEBEC FRIGON & LAVAL	344	0.35	0.3	1.4	2.4	2.8	0.4	0.9	1.1	1.1
60101C	OTTAWA, ONT. 88 SLATER ST.	371	0.25	0.3	0.6	1.1	1.4	0.3	0.4	0.5	0.5
60103C	GILMOUR STREET	372	0.17	0.3	0.5	0.7	1.0	0.2	0.3	0.4	0.4
60104C	RIDEAU & WURTEMBERG	717	(1) 0.22	0.3	0.6	0.7	0.8	0.3	0.4	0.5	0.5
60204C	WINDSOR, ONT. 471 UNIVERSITY AVENUE	726	(1) 0.35	0.4	0.9	1.5	1.7	0.5	0.7	0.8	0.8
60211P	COLLEGE & PRINCE	732	(1) 0.40	0.4	1.2	1.9	2.6	0.5	0.9	1.0	1.0
60302P	KINGSTON, ONT. NAPIER STREET	0	----	-	-	-	-	-	-	-	-
60401C	TORONTO, ONT. 67 COLLEGE STREET	727	(1) 0.42	0.5	1.1	1.5	1.7	0.5	0.8	1.0	1.0
60402R	DON MILLS, SCIENCE CNTR	358	0.28	0.4	0.8	1.2	1.3	0.3	0.5	0.6	0.6
60403I	EVANS & ARNOLD	711	(1) 0.42	0.5	1.1	1.5	1.8	0.6	0.7	0.9	0.9
60409R	REDLANDS CRESCENT	372	0.18	0.3	0.5	0.8	0.9	0.2	0.3	0.3	0.4
60410R	LAWRENCE & KENNEDY	723	(1) 0.39	0.5	0.9	1.5	1.9	0.5	0.8	0.9	0.9
60412R	BATHURST & WILSON	726	(1) 0.55	0.8	1.5	2.2	2.7	0.8	1.2	1.4	1.5
60413R	ELMCREST ROAD	734	(1) 0.34	0.5	0.9	1.6	2.1	0.5	0.7	0.9	1.0
60414I	SHERBOURNE & WILTON ST.	732	(1) 0.60	0.8	1.5	1.9	2.5	0.8	1.1	1.3	1.3
60415R	QUEENSWAY W & HURONTARIO	371	0.37	0.5	1.0	1.3	1.4	0.5	0.7	0.7	0.8
60501C	HAMILTON, ONT. BARTON & SANFORD	731	(1) 0.67	0.9	1.6	2.2	2.8	0.9	1.4	1.6	1.7
60505R	NORTH PARK	688	(1) 0.62	0.7	1.7	2.4	3.1	0.8	1.3	1.8	1.9
60602R	SUDSBURY, ONT. ASH STREET	730	(1) 0.12	0.2	0.4	0.6	0.6	0.2	0.3	0.4	0.4
60806R	THUNDER BAY, ONT. 435 JAMES S.	363	0.20	0.2	0.6	0.8	1.0	0.2	0.3	0.3	0.4
60901C	LONDON, ONT. KING & RECTORY	705	(1) 0.28	0.4	0.7	1.4	1.7	0.4	0.5	0.9	0.9
60902C	372 DUNDAS	370	0.20	0.3	0.6	1.0	1.8	0.3	0.4	0.5	0.5
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	719	(1) 0.25	0.3	0.8	1.2	1.3	0.4	0.6	0.8	0.8
61103C	PETERBOROUGH, ONT. 500 GEORGE STREET	41	----	0.0	0.2	0.4	0.4	0.1	0.1	0.1	0.1
61201R	CORNWALL, ONT. MEMORIAL PARK	731	(1) ****	0.1	0.3	0.6	0.8	0.1	0.2	0.3	0.3
61301C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	722	(1) 0.31	0.4	0.7	1.0	1.3	0.4	0.6	0.6	0.7

(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.

MAY - MAI
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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
61501C	KITCHENER, ONT. EDNA & FREDERICK	369	0.35	0.5	1.0	1.6	2.3	0.4	0.6	0.7	0.7
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	339	0.44	0.6	1.2	1.8	2.3	0.6	1.1	1.1	1.1
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	726 (1)	0.33	0.4	0.9	1.5	1.6	0.5	0.7	0.9	1.0
61801C	GUELPH, ONT. FARQUHAR & WYNDHAM	0	----	-	-	-	-	-	-	-	-
70112P	WINNIPEG, MAN. JEFFERSON & SCOTIA	336	****	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.0
70119C	65 ELLEN STREET	332	0.11	0.1	0.3	0.6	1.1	0.2	0.3	0.3	0.3
70120P	604 ST. MARY'S RD.	372	****	0.1	0.3	0.4	0.6	0.1	0.2	0.3	0.3
80109C	REGINA, SASK. 1620 ALBERT STREET	0	----	-	-	-	-	-	-	-	-
80209C	SASKATOON, SASK. IDYLWYLD DR. & 33RD ST.	0	----	-	-	-	-	-	-	-	-
90122R	EDMONTON, ALTA. 127 ST. & 133 AVENUE	744 (1)	0.20	0.2	0.6	1.0	1.5	0.2	0.5	0.5	0.5
90130C	10255 - 104TH STREET	744 (1)	0.33	0.4	0.7	1.0	1.4	0.4	0.5	0.5	0.6
90218I	CALGARY, ALTA. BONNY BRK & 18A ST. S.E.	716 (1)	0.23	0.3	0.6	0.8	1.0	0.3	0.4	0.4	0.4
90222R	39 ST. & 29 AVE. N.W.	732 (1)	0.12	0.2	0.3	0.4	0.7	0.2	0.2	0.3	0.3
90227C	1611-4TH STREET S.W.	372	0.27	0.3	0.9	1.5	2.1	0.4	0.6	0.7	0.7
00102R	VANCOUVER, B.C. 100 RICHMOND STREET	137	----	0.3	0.5	0.9	1.0	0.2	0.5	0.5	0.5
00106R	2294 WEST 10TH AVENUE	0	----	-	-	-	-	-	-	-	-
00108I	250 WEST 70TH AVENUE	306	0.20	0.3	0.6	0.8	1.2	0.2	0.4	0.5	0.5
00110R	E. HASTINGS & KENSINGTON	222	0.20	0.3	0.6	0.7	1.0	0.2	0.4	0.4	0.5
00111I	ROCKY PT. PARK	0	----	-	-	-	-	-	-	-	-
00112C	ROBSON/HORNEY	234	0.31	0.5	0.8	0.9	1.0	0.4	0.6	0.7	0.7
00202C	PRINCE GEORGE, B.C. 1011 4TH AVENUE	368	0.22	0.3	0.6	0.8	0.9	0.3	0.3	0.4	0.4
00302C	VICTORIA, B.C. 1106 COOK ST.	372	0.18	0.3	0.5	0.9	2.1	0.2	0.3	0.4	0.4
09001C	WHITEHORSE, YUKON FEDERAL BUILDING	0	----	-	-	-	-	-	-	-	-

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

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

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

SUSPENDED PARTICULATE MATTER AND LEAD
MICROGRAMS PER CUBIC METRE

MAY - MAI
1981

PLOMB ET PARTICULES EN SUSPENSION
MICROGRAMMES PAR METRE CUBE

STATION	LOCATION EMPLACEMENT	*----- PARTICULATES / PARTICULES -----*						*----- LEAD / PLOMB -----*					
		----- DAY / JOUR -----					MEAN MOYENNE	*----- DAY / JOUR -----*					MEAN MOYENNE
		4	10	16	22	28		4	10	16	22	28	
10101C	ST. JOHN'S, NFLD. DUCKWORTH & ORDINANCE	40	-	45	58	62	51	0.3	-	0.3	0.3	0.3	0.3
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	26	-	-	27	28	27	0.2	-	-	0.1	0.1	0.1
30101C	HALIFAX, N.S. N.S. TECHNICAL COLLEGE	48	40	76	41	82	57	0.1	0.1	0.1	0.1	0.1	0.1
30102R	DALHOUSIE UNIVERSITY	25	38	30	41	-	34	0.2	0.1	0.1	0.2	-	0.1
30114R	MT ST VINCENT UNIVERSITY	26	40	31	44	-	35	0.3	0.1	0.2	0.2	-	0.2
30115I	CFB SHEARWATER	14	56	31	32	-	33	0.1	0.0	0.0	0.1	-	0.0
30310C	SYDNEY, N.S. COUNTY JAIL	-	-	-	74	84	-	-	-	-	0.5	0.5	-
30311R	WHITNEY PIER FIRE STN.	24	164	153	93	240	135	0.2	0.9	0.3	0.3	0.9	0.5
30408R	GLACE BAY, N.S. SOUTH STREET	-	-	153	-	-	-	-	-	0.1	-	-	-
40102C	FREDERICTON, N.B. YORK STREET	67	43	20	45	68	49	0.2	0.2	0.2	0.2	0.3	0.2
40201C	SAINT JOHN, N.B. 110 CHARLOTTE STREET	79	52	49	79	74	67	0.3	0.1	0.1	0.2	0.2	0.2
40301C	MONCTON, N.B. 774 MAIN STREET	-	-	-	-	-	-	-	-	-	-	-	-
50102R	MONTREAL, QUEBEC JARDIN BOTANIQUE	48	45	36	56	39	45	-	-	-	-	-	-
50103R	POINTE-AUX-TREMBLES	95	52	36	118	77	76	-	-	-	-	-	-
50104C	1125 ONTARIO EST	88	53	20	98	124	77	-	-	-	-	-	-
50105C	1212 DRUMMOND	-	-	-	-	-	-	-	-	-	-	-	-
50106R	VILLE ST-LAURENT	106	-	21	69	119	79	-	-	-	-	-	-
50107R	VILLE LASALLE	-	-	-	-	-	-	-	-	-	-	-	-
50108R	1700 BOURASSA, LONGUEUIL	-	-	-	-	-	-	-	-	-	-	-	-
50109C	DUNCAN & DECARIE	148	-	66	91	146	113	-	-	-	-	-	-
50110C	PARC PILON, MTL.-NORD	98	51	28	79	-	64	-	-	-	-	-	-
50111C	2900 BOUL. CONCORDE	53	56	51	-	-	53	0.1	0.2	0.1	-	-	0.1
50112C	BOUL. LAURENTIDES	81	49	24	82	70	61	0.2	0.2	0.1	0.3	0.9	0.3
50113R	PIE X & CARDINAL	70	38	26	50	42	45	0.2	0.1	0.1	0.1	0.4	0.2
50115C	METCALFE & MAISONNEUVE	-	-	-	-	-	-	-	-	-	-	-	-
50116R	3161 JOSEPH, VERDUN	131	53	19	-	106	77	-	-	-	-	-	-
50203R	HULL, QUEBEC GAMELIN & JOFFRE	107	44	19	63	40	55	0.5	0.3	0.1	0.4	0.5	0.3
50301C	QUEBEC, QUEBEC PARC-AUTOS PAQ.LALIBERTE	-	-	-	-	-	-	-	-	-	-	-	-
50302R	PARC BARDY	-	-	-	-	-	-	-	-	-	-	-	-
50303I	CENTRE LOISIRS LIMOULOU	-	-	-	-	-	-	-	-	-	-	-	-
50304C	325 DORCHESTER SUD	-	-	-	-	-	-	-	-	-	-	-	-
50306R	2026 BLVD. ST-CYRILLE	46	77	33	58	45	52	0.1	0.3	0.2	0.2	0.4	0.2
50402R	SHERBROOKE, QUEBEC CASERNE DE POMPIERS #5	-	-	-	-	-	-	-	-	-	-	-	-
50403C	WELLINGTON & ALBERT	-	-	-	-	-	-	-	-	-	-	-	-
50502R	CHICOUTIMI, QUEBEC USINE DE FILTRATION	-	-	-	-	35	-	-	-	-	-	0.1	-
50503C	222 RACINE	-	-	-	-	80	-	-	-	-	-	0.4	-
50601C	ROUYN, QUEBEC HOTEL DE VILLE	-	-	53	127	92	91	0.1	-	0.4	0.8	0.2	0.4
50701C	SEPT-ILES, QUEBEC HOTEL DE VILLE	81	87	-	111	104	96	0.3	0.3	-	0.4	0.1	0.3
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	157	87	50	185	69	110	0.2	0.4	0.1	0.3	0.4	0.3
50901R	ARVIDA, QUEBEC POWELL & HOOPES	-	-	-	-	-	-	-	-	-	-	-	-
51002R	TRACY, QUEBEC GARNEAU & RTE 132	69	59	50	138	59	75	0.1	0.1	0.3	0.2	0.1	0.1
51101C	THETFORD MINES, QUEBEC BOUL. STE-MARTHE	101	71	-	53	40	66	0.1	0.3	-	0.2	0.2	0.2
51201I	SHAWINIGAN, QUEBEC FRIGON & LAVAL	130	173	166	190	107	153	0.1	0.3	0.1	0.1	0.2	0.2
51301R	BAIE COMEAU, QUEBEC 29 AVE. MARGUETTE	-	-	15	-	19	-	-	-	-	-	-	-
60101C	OTTAWA, ONT. 88 SLATER ST.	105	51	25	65	62	62	0.5	0.2	0.1	0.4	0.6	0.4
60104C	RIDEAU & WURTEMBERG	74	43	20	38	32	41	0.3	0.2	0.0	0.1	0.2	0.2
60105R	NRC, MONTREAL ROAD	-	45	20	57	27	37	-	0.2	0.0	0.1	0.2	0.2

SUSPENDED PARTICULATE MATTER AND LEAD
MICROGRAMS PER CUBIC METREMAY - MAI
1981PLOMB ET PARTICULES EN SUSPENSION
MICROGRAMMES PAR METRE CUBE

STATION	LOCATION EMPLACEMENT	*----- PARTICULATES / PARTICULES -----*					MEAN MOYENNE	*----- LEAD / PLOMB -----*					MEAN MOYENNE
		----- DAY / JOUR -----						*----- DAY / JOUR -----*					
		4	10	16	22	28		4	10	16	22	28	
WINDSOR, ONT.													
60201I	MORTON TERMINAL DOCK	132	-	64	188	80	116	0.0	-	0.2	0.2	0.4	0.2
60202C	CITY HALL	95	49	49	166	63	84	0.3	0.2	0.1	0.6	0.3	0.3
60203R	TECUMSEH WATER WORKS	-	33	56	102	-	64	-	0.0	0.2	0.0	-	0.1
60204C	471 UNIVERSITY AVENUE	80	22	48	154	50	71	0.3	0.0	0.3	0.5	0.1	0.2
KINGSTON, ONT.													
60301R	QUEEN'S UNIVERSITY	-	20	-	65	31	39	-	0.1	-	0.1	0.2	0.1
TORONTO, ONT.													
60401C	67 COLLEGE STREET	115	71	30	184	121	104	0.7	0.4	0.1	0.9	1.2	0.7
60402R	DON MILLS, SCIENCE CNTR	70	50	39	100	54	63	0.6	0.3	0.2	0.6	0.6	0.5
60403I	EVANS & ARNOLD	113	95	49	182	113	110	1.3	1.3	1.1	1.8	3.0	1.7
60409R	REDLANDS CRESCENT	34	48	40	109	86	63	0.0	0.0	0.0	0.3	0.2	0.1
60410R	LAWRENCE & KENNEDY	-	57	41	100	50	62	-	0.1	0.5	0.5	0.5	0.4
60412R	BATHURST & WILSON	-	-	-	-	-	-	-	-	-	-	-	-
60413R	ELMCREST ROAD	97	59	33	128	41	72	1.1	0.6	0.0	0.8	0.5	0.6
60414I	SHERBOURNE & WILTON ST.	305	97	76	426	176	216	1.1	0.5	0.1	1.8	0.5	0.8
60415R	QUEENSWAY W & HURONTARIO	52	89	54	78	94	73	0.4	0.9	0.3	0.5	1.2	0.7
HAMILTON, ONT.													
60501C	BARTON & SANFORD	266	134	46	-	125	143	1.2	0.9	0.2	-	1.1	0.9
60503I	CHATHAM & FRID	340	148	-	123	70	170	2.6	0.8	-	0.2	1.1	1.2
60505R	NORTH PARK	63	49	32	210	54	82	0.2	0.2	0.5	1.1	0.3	0.5
SUDBURY, ONT.													
60602R	ASH STREET	82	15	-	64	55	54	0.2	0.0	-	0.1	0.1	0.1
60605C	19 LISGAR STREET	-	39	24	66	55	46	-	0.2	0.1	0.3	0.4	0.3
SAULT STE. MARIE, ONT.													
60705R	550 QUEEN STREET WEST	-	-	-	180	76	-	-	-	-	0.3	0.0	-
THUNDER BAY, ONT.													
60801C	14 ALGOMA STREET	-	39	44	145	141	92	-	0.1	0.1	0.3	0.4	0.2
60806R	435 JAMES S.	34	30	34	117	60	55	0.1	0.1	0.2	0.2	0.1	0.1
LONDON, ONT.													
60901C	KING & RECTORY	128	-	24	129	42	81	0.4	-	0.0	0.6	0.2	0.3
60902C	372 DUNDAS	77	66	28	120	40	66	0.3	0.3	0.1	0.6	0.2	0.3
SARNIA, ONT.													
61004R	FRONT ST. AT C.N. TRACKS	-	24	53	223	62	91	-	0.0	0.0	0.4	0.1	0.1
PETERBOROUGH, ONT.													
61103C	500 GEORGE STREET	88	35	25	74	29	50	0.5	0.0	0.2	0.4	0.1	0.2
CORNWALL, ONT.													
61201R	MEMORIAL PARK	-	59	20	51	54	46	-	0.3	0.2	0.2	0.5	0.3
ST. CATHARINES, ONT.													
61301C	NORTH ST. & GENEVA ST.	175	71	42	148	67	101	0.9	0.5	0.3	0.5	0.5	0.5
KITCHENER, ONT.													
61501C	EDNA & FREDERICK	143	122	-	200	64	132	0.2	0.1	-	0.1	1.7	0.5
OAKVILLE, ONT.													
61602R	BRONTE AND WOBURN CRES.	8	81	19	116	50	55	0.0	0.4	0.1	0.6	0.4	0.3
OSHAWA, ONT.													
61701R	RITSON RD. & OLIVE AVE.	88	38	31	135	72	73	0.6	0.0	0.0	1.1	0.6	0.5
GUELPH, ONT.													
61801C	FARQUHAR & WYNDHAM	-	74	40	-	34	49	-	0.4	0.0	-	0.1	0.2
WINNIPEG, MAN.													
70102R	PORTAGE & WOODLAWN	72	56	43	102	54	65	0.4	0.1	0.3	0.4	0.3	0.3
70104I	UNION STOCK YARDS	124	76	79	108	50	87	0.2	0.2	0.1	0.2	0.2	0.2
70118R	JEFFERSON & SCOTIA	29	56	39	75	55	51	0.1	0.3	0.1	0.1	0.3	0.2
70119C	65 ELLEN STREET	90	56	80	116	69	82	0.3	0.3	0.2	0.4	0.5	0.3
70120R	604 ST. MARY'S RD.	93	69	63	102	48	75	0.4	0.3	0.1	0.3	0.3	0.3
BRANDON, MAN.													
70201C	11TH ST. & PRINCESS AVE.	76	94	123	21	45	72	0.3	0.1	0.2	0.1	0.2	0.2
REGINA, SASK.													
80102R	3211 ALBERT STREET	79	-	145	-	53	92	0.1	-	0.1	-	0.1	0.1
80108C	12TH AVE. & SMITH ST.	104	65	-	413	243	206	0.2	0.1	-	0.1	0.2	0.2
80109C	1620 ALBERT STREET	110	-	-	366	202	226	0.5	-	-	0.3	0.3	0.3
SASKATOON, SASK.													
80203R	30TH ST. & 833 P AVE.	86	56	93	212	80	105	0.2	0.1	0.1	0.1	0.1	0.1
80209C	IDYLWYLD DR. & 33RD ST.	110	-	189	185	96	145	0.2	-	0.1	0.1	0.2	0.1
MOOSE JAW, SASK.													
80301C	FAIRFORD ST. & 1ST AVE.	80	31	178	262	267	164	0.1	0.1	0.1	0.1	0.1	0.1
PRINCE ALBERT, SASK.													
80401C	1257-1ST AVE. EAST	166	154	123	103	117	133	0.2	0.2	0.1	0.1	0.2	0.2
EDMONTON, ALTA.													
90121I	17 STREET & 105 AVENUE	41	44	88	99	49	64	-	-	-	-	-	-
90122R	127 ST. & 133 AVENUE	62	54	127	93	56	78	-	-	-	-	-	-

SUSPENDED PARTICULATE MATTER AND LEAD
MICROGRAMS PER CUBIC METRE

MAY - MAI
1981

PLOMB ET PARTICULES EN SUSPENSION
MICROGRAMMES PAR METRE CUBE

STATION	LOCATION EMPLACEMENT	*----- PARTICULATES / PARTICULES -----*						*----- LEAD / PLOMB -----*					
		----- DAY / JOUR -----					MEAN	*----- DAY / JOUR -----*					MEAN
		4	10	16	22	28	MOYENNE	4	10	16	22	28	MOYENNE
90130C	10255 - 104TH STREET	99	76	143	175	109	120	-	-	-	-	-	-
	CALGARY, ALTA.												
90204C	316-7TH AVENUE	138	65	72	156	132	113	-	-	-	-	-	-
90218I	BONNY BRK & 18A ST. S.E.	136	54	89	112	-	98	-	-	-	-	-	-
90222R	39 ST. & 29 AVE. N.W.	-	34	-	74	85	64	-	-	-	-	-	-
	RED DEER, ALTA.												
90301C	4747 50TH STREET	61	37	114	104	43	72	-	-	-	-	-	-
	LETHBRIDGE, ALTA.												
90501C	13 ST. & 9 AVENUE S.	92	38	30	100	207	93	-	-	-	-	-	-
	YELLOWKNIFE, N.W.T.												
99001C	50TH AVE. & 49TH STREET	-	-	-	-	-	-	-	-	-	-	-	-
	VANCOUVER, B.C.												
00102R	100 RICHMOND STREET	-	33	41	75	98	62	-	0.3	0.4	0.6	0.9	0.5
00104R	27TH & ONTARIO	33	42	54	61	64	51	0.4	0.5	0.5	0.6	0.7	0.5
00106R	2294 WEST 10TH AVENUE	-	-	20	57	46	41	-	-	0.3	0.6	0.5	0.5
00108I	250 WEST 70TH AVENUE	-	-	45	-	106	-	-	-	0.3	-	1.0	-
00109C	970 BURRARD	62	46	60	75	89	66	0.7	0.4	0.5	0.9	0.9	0.7
00110R	E. HASTINGS & KENSINGTON	27	-	37	-	71	45	0.4	-	0.3	-	0.6	0.4
00111I	ROCKY PT. PARK	55	47	41	64	118	65	0.4	0.3	0.3	0.4	0.6	0.4
00113R	BCIT BURNABY	39	39	45	87	130	68	0.3	0.2	0.4	0.4	0.8	0.4
00114C	MUNICIPAL HALL, RICHMOND	38	-	49	58	-	48	0.6	-	0.6	0.5	-	0.6
00115R	NEWTON ELEM. SCH., SURREY	28	27	33	58	95	48	0.3	0.2	0.4	0.6	0.8	0.5
00116R	FIRE HALL, N. VANCOUVER	31	20	67	63	64	49	0.6	0.2	0.6	0.6	0.7	0.5
00117I	ANNACIS ISLAND, DELTA	33	37	44	54	93	52	0.5	0.7	0.6	0.8	1.3	0.8
	PRINCE GEORGE, B.C.												
00202C	1011 4TH AVENUE	99	45	100	105	119	94	0.2	0.1	0.2	0.3	0.4	0.3
	VICTORIA, B.C.												
00302C	1106 COOK ST.	45	37	47	54	80	53	0.6	0.1	0.2	0.5	0.9	0.5
	KAMLOOPS, B.C.												
00401C	301 SEYMOUR ST.	63	79	-	-	-	-	0.6	0.2	-	-	-	-
	WHITEHORSE, YUKON												
09001C	FEDERAL BUILDING	152	91	69	90	71	95	0.3	0.1	0.2	0.2	0.2	0.2

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

MAY - MAI
1981

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

STATION	LOCATION EMPLACEMENT	----- DAY / JOUR -----				
		4	10	16	22	28
10101C	ST. JOHN'S, NFLD. DUCKWORTH & ORDINANCE	-	-	-	1	1
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	0	-	-	-	1
30114R	HALIFAX, N.S. MT ST VINCENT UNIVERSITY	0	0	0	0	-
30115I	CPB SHEARWATER	0	0	-	-	-
30310C	SYDNEY, N.S. COUNTY JAIL	-	-	-	0	0
30311R	WHITNEY PIER FIRE STN.	0	1	0	-	2
30408R	GLACE BAY, N.S. SOUTH STREET	-	-	0	-	-
50102R	MONTREAL, QUEBEC JARDIN BOTANIQUE	-	-	-	2	0
50103R	POINTE-AUX-TREMBLES	4	3	1	-	1
50104C	1125 ONTARIO EST	6	2	0	-	-
50105C	1212 DRUMMOND	-	-	-	-	-
50106R	VILLE ST-LAURENT	0	-	0	-	-
50109C	DUNCAN & DECARIE	10	-	2	3	4
50110C	PARC PILON, MTL.-NORD	3	-	-	1	-
50111C	2900 BOUL. CONCORDE	-	-	1	-	-
50112C	BOUL. LAURENTIDES	-	-	0	0	1
50113R	PIE X & CARDINAL	2	0	0	1	1
50115C	METCALFE & MAISONNEUVE	-	-	-	-	-
50116R	3161 JOSEPH, VERDUN	7	1	0	-	2
50203R	HULL, QUEBEC GAMBLIN & JOFFRE	2	0	0	1	0
50303I	QUEBEC, QUEBEC CENTRE LOISIRS LIMCOILOU	-	-	-	-	-
50304C	325 DORCHESTER SUD	-	-	-	-	-
50306R	2026 BLVD. ST-CYRILLE	0	-	0	0	2
50601C	ROUYN, QUEBEC HOTEL DE VILLE	-	-	4	0	1
50701C	SEPT-ILES, QUEBEC HOTEL DE VILLE	1	1	-	1	0
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	16	3	2	11	1
50901R	ARVIDA, QUEBEC POWELL & HOOPES	-	-	-	-	-
51201I	SHAWINIGAN, QUEBEC FRIGON & LAVAL	22	8	5	23	-
51301R	BAIE COMEAU, QUEBEC 39 AVE. MARGUETTE	-	-	0	-	0
60101C	OTTAWA, ONT. 88 SLATER ST.	2	1	0	1	1
60104C	RIDEAU & WURTEMBERG	1	0	0	0	0
60105R	NRC, MONTREAL ROAD	-	-	-	-	-
60201I	WINDSOR, ONT. MORTON TERMINAL DOCK	2	-	4	9	2
60204C	471 UNIVERSITY AVENUE	2	0	2	10	2
60401C	TORONTO, ONT. 67 COLLEGE STREET	3	2	0	2	1
60402R	DON MILLS, SCIENCE CNTR	-	2	1	3	0
60403I	EVANS & ARNOLD	4	1	0	2	0
60409R	REDLANDS CRESCENT	0	0	0	0	0
60410R	LAWRENCE & KENNEDY	-	0	1	1	0
60412R	BATHURST & WILSON	-	-	-	-	-
60413R	ELMCREST ROAD	6	1	0	1	-
60414I	SHERBOURNE & WILTON ST.	9	0	0	11	0
60415R	QUEENSWAY W & HURONTARIO	3	2	0	1	-
60501C	HAMILTON, ONT. BARTON & SANFORD	26	11	1	-	5
60505R	NORTH PARK	2	2	0	11	2
60602R	SUDBURY, ONT. ASH STREET	1	0	-	1	4
60806R	THUNDER BAY, ONT. 435 JAMES S.	0	0	0	1	0
60901C	LONDON, ONT. KING & RECTORY	5	-	1	5	0

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

MAY - MAI
1981

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

STATION	LOCATION EMPLACEMENT	*----- DAY / JOUR -----*				
		4	10	16	22	28
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	-	0	0	6	1
61103C	PETERBOROUGH, ONT. 500 GEORGE STREET	0	0	0	-	0
61201R	CORNWALL, ONT. MEMORIAL PARK	-	0	0	0	0
61301C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	1	1	0	3	3
61501C	KITCHENER, ONT. EDNA & FREDERICK	5	0	-	1	0
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	0	-	0	0	0
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	1	0	0	0	0
61801C	GUELPH, ONT. FARQUHAR & WYNDHAM	-	-	-	-	-
70118R	WINNIPEG, MAN. JEFFERSON & SCOTIA	0	0	0	0	0
70119C	65 ELLEN STREET	0	0	-	-	0
70120R	604 ST. MARY'S RD.	0	0	0	0	1
80109C	REGINA, SASK. 1620 ALBERT STREET	-	-	-	-	-
80209C	SASKATOON, SASK. IDYLWYLD DR. & 33RD ST.	0	-	-	0	0
80301C	MOOSE JAW, SASK. FAIRFORD ST. & 1ST AVE.	0	-	-	-	-
80401C	PRINCE ALBERT, SASK. 1257-1ST AVE. EAST	0	0	0	0	0
90121I	EDMONTON, ALTA. 17 STREET & 105 AVENUE	0	0	0	0	0
90218I	CALGARY, ALTA. BONNY BRK & 18A ST. S.E.	0	0	0	0	-
90222R	39 ST. & 29 AVE. N.W.	-	0	-	0	0
00106R	VANCOUVER, B.C. 2294 WEST 10TH AVENUE	-	-	0	1	1
00110R	E. HASTINGS & KENSINGTON	-	-	0	-	1
00111I	ROCKY PT. PARK	-	-	-	-	3
00302C	VICTORIA, B.C. 1106 COOK ST.	-	-	-	-	-
00401C	KAMLOOPS, B.C. 301 SEYMOUR ST.	-	-	-	-	-

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

MAY - MAI
1981

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

STATION	LOCATION EMPLACEMENT	DUSTFALL RETOMBEES DE POUSSIÈRES	SO3
SYDNEY, N.S.			
30301R	MURPHY ROAD	3.6	0.0 **
30309I	PT EDWARD, RICHMOND PLST	5.5	0.0 **
30310C	COUNTY JAIL	11.5	0.0 **
30311R	WHITNEY PIER FIRE STN.	19.7	- **
GLACE BAY, N.S.			
30401R	LAKE ROAD	-	- **
30405C	GENERAL HOSPITAL	5.7	0.2 **
MONTREAL, QUEBEC			
50101R	PARC JARRY	-	- *
50102R	JARDIN BOTANIQUE	-	- *
50103R	POINTE-AUX-TREMBLES	-	- *
50106R	VILLE ST-LAURENT	-	- *
50107R	VILLE LASALLE	-	- *
TORONTO, ONT.			
60401C	67 COLLEGE STREET	4.1	-
60403I	EVANS & ARNOLD	3.4	-
60404R	5126 YONGE STREET	4.7	-
60405I	JOHN STREET PUMP STATION	7.4	-
60406R	ROSEHILL RESERVOIR	5.8	-
60408C	DANFORTH & ROBINSON	5.5	-
HAMILTON, ONT.			
60501C	BARTON & SANFORD	13.3	-
60502I	BURLINGTON & GAGE	23.6	-
60503I	CHATHAM & FRID	10.5	-
60507C	HUGHSON & HUNTER	8.4	-
60510I	STRATHEARN	25.5	-
SAULT STE. MARIE, ONT.			
60702R	ANNA MCREA PUBLIC SCHOOL	-	-
60703I	BAYVIEW & YOUNG	-	-
THUNDER BAY, ONT.			
60801C	14 ALGOMA STREET	5.7	-
LONDON, ONT.			
60901C	KING & RECTORY	2.7	-
WINNIPEG, MAN.			
70105R	MARTIN & HENDERSON HWY	11.2	- **
70110C	KENNEDY & ST. MARY'S	8.6	-
70113I	WINDERMERE & ROCKMAN	7.4	0.1 **
70115C	PORTAGE & MINTO	7.4	0.0 **
70116I	SMITH & KING	9.2	0.1 **
EDMONTON, ALTA.			
90125C	PRINS ELIZABETH & 108 ST	15.3	0.2 **
90126R	77 AVENUE & 85 STREET	10.6	0.1 **
90127I	115 AVENUE & 159 STREET	34.4	0.2 **
90128R	99 AVENUE & 160 STREET	-	- **
CALGARY, ALTA.			
90219C	620-7TH AVENUE, S.W.	12.8	0.1 **
90221R	DALHOUSIE DR & DALHAM DR	-	- **
90223C	11 ST. & 38 AVE. S.E.	9.5	0.1 **
90224I	OGDENDALE & 71 AVE S.E.	21.8	0.1 **
90225R	PALLISER DR & OAKWOOD SW	3.7	0.1 **
90226I	SHEPPARD & 84 AVE S.E.	7.4	0.1 **

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

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