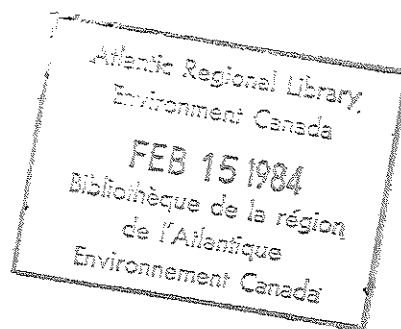




Environment
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Service de la
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Monthly Summary May 1983



National Air Pollution Surveillance

Surveillance nationale de la pollution atmosphérique

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Rapport de surveillance
EPS 5-EP-83-5

Direction générale des programmes
de protection de l'environnement

Canada

SULPHUR DIOXIDE
PARTS PER HUNDRED MILLIONMAY - MAY
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							
				INTERVALS - INTERVALLES				MEANS ---- MOYENNES			
				1-HOUR / HEURE				24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX
10101C	ST. JOHN'S, Nfld. DUCKWORTH & ORDINANCE	631	***	1	1	3	4	1	1	2	2
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	634	***	1	3	4	6	1	2	3	3
30114R	HALIFAX, N.S. MT ST VINCENT UNIVERSITY	540	***	0	2	4	6	0	2	3	3
30115I	CPB SHEARWATER	654	***	0	2	4	11	1	1	2	2
30116C	BARRINGTON & DUKE	626	***	1	2	3	5	1	2	2	2
30310C	SYDNEY, N.S. COUNTY JAIL	596	***	1	1	4	8	0	1	2	2
30311R	WHITNEY PIER FIRE STN.	0	---	-	-	-	-	-	-	-	-
30408R	GLACE BAY, N.S. SOUTH STREET	608	2.1	1	15	22	31	1	10	11	12
40202C	SAINT JOHN, N.B. POST OFFICE	698	***	0	2	3	5	0	1	1	2
50101R	MONTREAL, QUEBEC 7405 CHAMPAGNEUR	743	***	1	2	2	6	1	2	2	2
50102R	JARDIN BOTANIQUE	650	***	1	1	3	7	1	1	2	2
50103R	POINTE-AUX-TREMBLES	562	***	0	3	10	13	1	3	4	4
50104C	1125 ONTARIO EST	744	***	1	2	3	4	1	1	2	2
50106R	VILLE ST-LAURENT	686	***	0	1	1	2	0	1	1	1
50108R	1700 BOURASSA, LONGUEUIL	610	***	0	1	1	1	0	1	1	1
50109C	DUNCAN & DECARIE	0	---	-	-	-	-	-	-	-	-
50110C	PARC PILON, MTL.-NORD	608	***	1	2	2	5	1	1	2	2
50112C	BOUL. LAURENTIDES	304	---	1	1	2	3	1	1	1	1
50113R	PIE X & CARDINAL	352	---	0	0	1	1	0	0	0	0
50115C	1001 BOUL MAISONNEUVE O.	727	***	0	1	2	4	0	1	1	1
50116R	3161 JOSEPH, VERDUN	700	***	0	1	2	3	0	1	1	1
50203R	HULL, QUEBEC GAMBLIN & JOFFRE	689	***	0	1	1	1	0	1	1	1
50303I	QUEBEC, QUEBEC CENTRE LOISIRS LIMOILLOU	567	11.2	11	49	72	86	15	35	55	58
50304C	325 DORCHESTER SUD	646	2.9	2	15	25	28	3	8	11	12
50306R	2026 BLVD. ST-CYRILLE	666	***	0	2	8	13	1	2	3	3
50601C	ROUYN, QUEBEC HOTEL DE VILLE	683	2.6	0	19	49	58	3	10	18	24
50701C	SEPT-ILES, QUEBEC HOTEL DE VILLE	618	***	0	0	1	3	0	0	0	0
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	615	2.0	2	8	11	23	3	6	7	7
50901R	ARVIDA, QUEBEC POWELL & HOOPES	541	2.2	3	8	10	12	3	6	7	7
51001R	TRACY, QUEBEC 3225 AVE COURSHESNE	651	***	0	2	5	7	0	1	2	2
51201I	SHAWINIGAN, QUEBEC FRIGON & LAVAL	623	2.4	2	11	18	24	3	6	12	12
51301R	BAIE COMEAU, QUEBEC 39 AVE. MARGUETTE	612	1.2	0	6	31	50	1	8	9	9
60101C	OTTAWA, ONT. 88 SLATER ST.	663	***	0	1	1	1	0	1	1	1
60104C	RIDEAU & WURTEMBURG	736	***	0	0	0	8	0	0	0	0
60105R	NRC, MONTREAL ROAD	659	***	0	1	1	1	0	1	1	1
60201I	WINDSOR, ONT. MORTON TERMINAL DOCK	717	***	1	2	3	5	1	2	2	2
60204C	471 UNIVERSITY AVENUE	731	***	0	2	3	9	1	1	1	1
60211R	COLLEGE & PRINCE	735	***	1	3	5	10	1	2	2	2
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	741	***	0	1	2	3	0	1	1	1
60403I	EVANS & ARNOLD	734	***	0	1	2	6	0	1	1	1
60409R	REDLANDS CRESCENT	632	1.5	2	3	5	5	2	3	4	4
60410R	LAWRENCE & KENNEDY	738	***	0	0	1	6	0	0	0	0
60412R	BATHURST & WILSON	738	***	1	2	5	8	1	1	2	2
60413R	ELMCREST ROAD	737	1.1	1	2	4	11	1	2	2	2
60414I	SHERBOURNE & WILTON ST.	736	***	0	1	1	3	0	1	1	1
60415R	QUEENSWAY W & HURONTARIO	741	***	1	1	2	2	1	1	1	1
60417C	26 BREADALBANE STREET	701	***	0	1	2	11	0	1	1	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.

SULPHUR DIOXIDE
PARTS PER HUNDRED MILLIONMAY - MAI
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			
				INTERVALS - INTERVALLES				MEANS ---- MOYENNES			
				1-HOUR / HEURE				24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX
60501C	HAMILTON, ONT. BARTON & SANFORD	688	1.9	2	6	9	11	2	4	4	5
60505R	NORTH PARK	736	***	1	3	4	9	1	2	2	2
60602R	SUDBURY, ONT. ASH STREET	735	***	0	5	16	26	1	5	6	6
60606C	KENNEDY STREET	695	***	0	4	13	24	1	3	4	4
60704C	SAULT STE. MARIE, ONT. QUEEN & ELGIN	0	---	-	-	-	-	-	-	-	-
60706I	FARWELL PUMP HOUSE	739	***	0	1	3	5	0	1	1	1
60806R	THUNDER BAY, ONT. 435 JAMES S.	734	***	0	0	1	3	0	0	0	0
60901C	LONDON, ONT. KING & RECTORY	702	***	0	1	1	2	0	1	1	1
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	738	1.7	2	6	12	21	2	5	5	6
61103C	PETERBOROUGH, ONT. 500 GEORGE STREET	727	***	0	0	0	0	0	0	0	0
61201R	CORNWALL, ONT. MEMORIAL PARK	734	***	0	3	6	8	1	2	3	3
61301C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	736	***	0	2	3	5	0	2	2	2
61501C	KITCHENER, ONT. EDNA & FREDERICK	743	***	0	1	2	3	0	1	1	1
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	731	***	0	2	5	8	1	1	2	2
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	719	***	0	1	2	9	0	1	1	1
61801C	GUELPH, ONT. PARQUHAR & WYNDHAM	717	1.0	1	5	8	10	1	5	7	7
70118R	WINNIPEG, MAN. JEFFERSON & SCOTIA	665	***	0	0	2	4	0	0	1	1
70119C	65 ELLEN STREET	634	***	0	0	1	8	0	0	1	1
70120R	604 ST. MARY'S RD.	405	***	0	0	3	3	0	1	1	1
80109C	REGINA, SASK. 1620 ALBERT STREET	592	***	0	0	1	1	0	0	0	0
80209C	SASKATOON, SASK. IDYLWYLD DR. & 33RD ST.	183	---	0	0	0	0	0	0	0	0
80301C	MOOSE JAW, SASK. FAIRFORD ST. & 1ST AVE.	524	***	0	0	0	0	0	0	0	0
80401C	PRINCE ALBERT, SASK. 1257-1ST AVE. EAST	682	***	0	0	0	1	0	0	0	0
90121I	EDMONTON, ALTA. 17 STREET & 105 AVENUE	699	***	0	0	0	1	0	0	0	0
90218I	CALGARY, ALTA. BONNY BRK & 18A ST. S.E.	700	***	1	1	2	2	1	1	1	1
00106R	VANCOUVER, B.C. 2294 WEST 10TH AVENUE	721	***	1	1	1	1	1	1	1	1
00110R	E. HASTINGS & KENSINGTON	699	***	1	1	2	5	1	1	1	1
00111I	ROCKY PT. PARK	739	***	1	2	2	4	1	1	1	1
00112C	ROBSON/HORNEY	740	***	1	1	2	2	1	1	1	1
00302C	VICTORIA, B.C. 1250 QUADRA ST.	610	***	0	1	2	3	0	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 MILLIONMAY - MAI
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				MEANS - MOYENNES			
				INTERVALS - INTERVALLES		1-HOUR / HEURE		8-HOUR / HEURES		24-HOUR / HEURES		70 95 99 MAX		70 95 99 MAX	
				70	95	99	MAX	70	95	99	MAX	70	95	99	MAX
10101C	ST. JOHN'S, Nfld. DUCKWORTH & ORDINANCE	243	---	1	2	3	4	1	1	2	2	1	1	1	1
30116C	HALIFAX, N.S. BARRINGTON & DUKE	726	1.6	2	5	7	9	2	4	5	7	2	3	3	4
40202C	SAINT JOHN, N.B. POST OFFICE	638	1.5	2	4	6	10	2	3	4	5	2	2	3	3
50102R	MONTREAL, QUEBEC JARDIN BOTANIQUE	744	0.7	1	2	3	6	1	1	3	3	1	1	2	2
50103R	POINTE-AUX-TREMBLES	744	0.6	1	1	2	3	1	1	2	2	1	1	1	1
50104C	1125 ONTARIO EST	670	2.5	3	4	5	6	3	4	5	5	3	3	4	4
50108R	1700 BOURASSA, LONGUEUIL	455	1.1	1	2	5	6	1	2	4	4	1	2	2	2
50109C	DUNCAN & DECARIE	744	1.9	2	5	6	7	2	4	5	5	2	3	3	3
50110C	PARC PILON, MTL.-NORD	0	---	---	---	---	---	---	---	---	---	---	---	---	---
50112C	BOUL. LAURENTIDES	573	0.5	1	2	3	4	1	1	3	3	1	1	2	2
50113R	PIE X & CARDINAL	539	0.7	1	2	3	3	1	2	2	2	1	1	2	2
50115C	1001 BOUL MAISONNEUVE O.	744	2.0	2	5	7	10	2	4	5	7	2	3	3	3
50116R	3161 JOSEPH, VERDUN	744	***	0	1	2	3	1	1	2	2	0	1	1	1
50203R	HULL, QUEBEC GAMBLIN & JOFFRE	723	0.7	1	2	2	3	1	1	2	2	1	1	1	1
50304C	QUEBEC, QUEBEC 325 DORCHESTER SUD	713	0.8	1	2	3	5	1	2	3	3	1	2	2	2
60101C	OTTAWA, ONT. 88 SLATER ST.	694	1.9	3	5	7	10	2	4	5	5	2	3	3	3
60104C	RIDEAU & WURTEMBERG	733	***	0	1	1	4	0	0	1	2	0	0	1	1
60204C	WINDSOR, ONT. 471 UNIVERSITY AVENUE	721	0.6	1	2	3	6	1	2	3	3	1	2	2	2
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	734	1.8	2	4	4	4	2	3	4	4	2	3	3	3
60403I	EVANS & ARNOLD	732	1.7	2	3	5	5	2	3	4	5	2	3	3	3
60410R	LAWRENCE & KENNEDY	734	1.2	1	2	3	5	1	2	3	3	1	2	2	3
60412R	BATHURST & WILSON	732	1.0	1	2	3	4	1	2	3	3	1	2	2	2
60413R	ELMCREST ROAD	705	1.6	2	3	3	4	2	2	3	3	2	2	2	3
60414I	SHERBOURNE & WILTON ST.	734	1.0	1	2	3	4	1	2	3	3	1	2	2	2
60415R	QUEENSWAY W & HURONTARIO	697	1.2	1	2	3	4	1	2	3	3	1	2	2	2
60416C	381 YONGE STREET	742	3.8	4	10	19	23	4	10	15	17	5	8	9	9
60417C	26 BREADALBANE STREET	700	0.8	1	2	3	4	1	2	3	3	1	1	2	2
60501C	HAMILTON, ONT. BARTON & SANFORD	632	0.8	1	3	4	6	1	2	3	3	1	2	2	2
60602R	SUDBURY, ONT. ASH STREET	734	***	0	0	1	3	0	0	0	1	0	0	0	0
60706I	SAULT STE. MARIE, ONT. FARWELL PUMP HOUSE	743	1.1	1	2	3	4	1	2	2	2	1	2	2	2
60901C	LONDON, ONT. KING & RECTORY	583	***	0	1	2	3	0	1	1	2	0	1	1	1
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	615	***	0	0	1	3	0	0	1	1	0	0	0	0
61201R	CORNWALL, ONT. MEMORIAL PARK	733	***	0	1	2	5	0	1	2	3	0	1	1	1
61301C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	708	***	0	1	2	5	0	1	1	1	0	1	1	1
61501C	KITCHENER, ONT. EDNA & FREDERICK	743	0.9	1	2	3	5	1	2	2	2	1	2	2	2
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	731	1.3	1	3	5	8	1	3	4	4	1	2	3	3
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	736	1.5	2	3	4	6	2	3	3	4	2	3	3	3
70118R	WINNIPEG, MAN. JEFFERSON & SCOTIA	614	***	0	1	2	2	0	1	1	2	0	1	1	1
70119C	65 ELLEN STREET	681	***	1	1	2	5	1	1	2	2	1	1	1	1
70120R	604 ST. MARY'S RD.	708	***	0	1	2	3	0	1	1	2	0	1	1	1
80109C	REGINA, SASK. 1620 ALBERT STREET	227	---	1	1	4	8	1	2	3	3	1	1	1	1

*** CALCULATED MEANS ARE BELOW 500 PARTS PER BILLION.
LES MOYENNES SONT INFERIEURES A 500 PARTIES PAR BILLION.

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

CARBON MONOXIDE
PARTS PER MILLIONMAY - MAI
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				MEANS - MOYENNES			
				INTERVALE - 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
80209C	SASKATOON, SASK. IDYLLWYLD DR. & 33RD ST.	0	---	-	-	-	-	-	-	-	-	-	-	-	-
	EDMONTON, ALTA.														
90121I	17 STREET & 105 AVENUE	724	0.7	1	1	2	3	1	1	2	2	1	1	2	2
90122R	127 ST. & 133 AVENUE	710	0.8	1	3	4	9	1	2	3	3	1	2	2	2
90130C	10255 - 104TH STREET	725	1.1	2	3	3	4	1	2	2	2	1	2	2	2
	CALGARY, ALTA.														
90222R	39 ST. & 29 AVE. N.W.	732	0.7	1	1	2	3	1	1	1	1	1	1	1	1
90227C	1611-4TH STREET S.W.	726	1.4	2	3	6	8	2	3	3	4	2	2	2	3
	VANCOUVER, B.C.														
00106R	2294 WEST 10TH AVENUE	726	0.6	1	2	4	6	1	2	3	5	1	1	2	2
00108I	250 WEST 70TH AVENUE	292	---	1	2	4	4	1	2	3	3	1	2	2	2
00110R	E. HASTINGS & KENSINGTON	400	0.7	1	1	2	2	1	1	1	1	1	1	1	1
00111I	ROCKY PT. PARK	734	1.0	1	2	3	6	1	2	3	3	1	2	2	2
00112C	ROBSON/HORNBY	689	1.4	2	3	6	8	2	3	4	6	2	3	3	3
	VICTORIA, B.C.														
00302C	1250 QUADRA ST.	687	0.7	1	2	5	6	1	2	3	4	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 MILLION

MAY - MAI
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				MEANS - MOYENNES			
				INTERVALS - INTERVALLES		1-HOUR / HEURE		24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX
30115I	HALIFAX, N.S.	406	1.3	1	4	4	4	1	4	4	4
30116C	CFB SHEARWATER BARRINGTON & DUKE	0	---	-	-	-	-	-	-	-	-
40202C	SAINT JOHN, N.B. POST OFFICE	473	***	0	1	3	4	0	1	1	1
50102R	MONTREAL, QUEBEC	676	3.2	4	6	7	8	4	5	5	5
50104C	JARDIN BOTANIQUE	744	3.3	4	5	5	7	4	4	5	5
50108R	1125 ONTARIO EST	703	2.2	3	4	4	5	3	3	3	3
50109C	1700 BOURASSA, LONGUEUIL	744	4.8	6	8	9	10	6	7	8	8
50110C	DUNCAN & DECARIE	0	---	-	-	-	-	-	-	-	-
50112C	PARC PILON, MTL.-NORD	698	2.1	3	4	5	6	3	3	4	4
50113R	BOUL. LAURENTIDES	725	1.8	2	4	5	6	2	3	3	3
50115C	PIE X & CARDINAL	744	4.2	5	7	8	10	5	6	7	7
50116R	1001 BOUL MAISONNEUVE O. 3161 JOSEPH, VERDUN	744	2.0	3	4	5	6	3	3	4	4
50203R	HULL, QUEBEC GAMBLIN & JOFFRE	742	***	1	2	3	3	1	1	2	2
50304C	QUEBEC, QUEBEC 325 DORCHESTER SUD	300	---	3	5	6	6	3	4	4	4
60101C	OTTAWA, ONT. 88 SLATER ST.	544	3.2	4	6	8	10	4	5	7	7
60104C	RIDEAU & WURTEMBERG	739	1.2	2	3	4	6	2	2	3	3
60105R	NRC, MONTREAL ROAD	743	***	1	3	4	5	1	2	2	2
60204C	WINDSOR, ONT. 471 UNIVERSITY AVENUE	505	1.6	2	4	6	10	3	4	5	5
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	736	2.3	3	4	6	8	3	4	4	4
60403I	EVANS & ARNOLD	733	3.3	4	6	7	10	4	6	6	7
60410R	LAWRENCE & KENNEDY	738	1.3	2	3	4	5	2	2	3	3
60412R	BATHURST & WILSON	734	2.4	4	6	6	8	3	5	5	5
60413R	ELMCREST ROAD	0	---	-	-	-	-	-	-	-	-
60414I	SHERBOURNE & WILTON ST.	736	2.7	4	5	6	7	3	5	5	5
60415R	QUEENSWAY W & HURONTARIO	262	---	3	4	5	6	3	3	3	3
60417C	26 BREADALBANE STREET	701	2.4	3	5	6	15	3	4	6	6
60501C	HAMILTON, ONT. BARTON & SANFORD	686	3.2	4	6	7	8	4	5	6	6
60505R	NORTH PARK	736	2.3	3	5	6	7	3	4	4	4
60602R	SUDSBURY, ONT. ASH STREET	736	***	1	2	4	5	1	2	2	2
60706I	SAULT STE. MARIE, ONT. FARWELL PUMP HOUSE	712	1.2	2	3	3	6	2	2	2	3
60901C	LONDON, ONT. KING & RECTORY	688	2.0	3	4	5	6	3	3	4	4
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	720	1.4	2	4	5	5	2	3	3	3
61201R	CORNWALL, ONT. MEMORIAL PARK	736	***	1	3	4	5	1	2	2	2
61301C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	735	1.6	2	4	5	6	2	3	3	3
61501C	KITCHENER, ONT. EDNA & FREDERICK	743	2.6	3	6	7	9	3	5	6	6
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	731	1.2	2	3	4	6	2	2	2	2
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	739	2.1	3	4	5	6	3	4	4	4
70118R	WINNIPEG, MAN. JEFFERSON & SCOTIA	606	1.4	2	2	2	4	2	2	2	2
70119C	65 ELLEN STREET	583	1.4	2	3	4	5	2	2	3	3
80109C	REGINA, SASK. 1620 ALBERT STREET	370	---	3	5	5	6	2	3	4	4
90122R	EDMONTON, ALTA. 127 ST. & 133 AVENUE	622	1.3	2	4	5	9	2	3	4	4
90130C	10255 - 104TH STREET	717	2.4	3	4	5	6	3	3	3	4

*** 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.

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NITROGEN DIOXIDE
PARTS PER HUNDRED MILLION

MAY - MAI
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.	725	1.5	2	3	4	5	2	2	2	2
90227C	1611-4TH STREET S.W.	673	3.0	4	5	5	8	3	4	4	4
	VANCOUVER, B.C.										
00106R	2294 WEST 10TH AVENUE	670	2.4	3	5	6	7	3	4	5	5
00108I	250 WEST 70TH AVENUE	0	---	-	-	-	-	-	-	-	-
00110R	E. HASTINGS & KENSINGTON	311	---	3	4	6	7	3	4	4	4
00111I	ROCKY PT. PARK	734	1.9	2	4	5	7	2	3	4	4
00112C	ROBSON/HORNEY	733	3.2	4	5	6	8	3	4	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 MILLIONMAY - MAI
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.										
30116C	CPB SHEARWATER	535	1.9	2	3	4	4	2	3	3	3
	BARRINGTON & DUKE	400	1.5	2	3	8	8	2	3	4	5
40202C	SAINT JOHN, N.B.										
	POST OFFICE	193	---	5	7	7	7	4	6	6	6
50102R	MONTREAL, QUEBEC										
50103R	JARDIN BOTANIQUE	552	1.9	3	5	6	7	3	4	5	5
50104C	POINTE-AUX-TREMBLES	677	2.1	3	4	6	7	3	4	5	5
50108R	1125 ONTARIO EST	744	1.7	2	4	5	6	2	4	4	4
50109C	1700 BOURASSA, LONGUEUIL	725	1.9	3	5	5	7	2	4	5	5
50110C	DUNCAN & DECARIE	545	1.0	1	3	5	5	1	3	4	4
50112C	PARC PILON, MTL.-NORD	0	---	---	---	---	---	---	---	---	---
50113R	BOUL. LAURENTIDES	720	2.0	3	5	6	7	3	4	5	5
50115C	PIE X & CARDINAL	680	2.0	3	4	5	7	3	4	4	4
50116R	1001 BOUL MAISONNEUVE O.	744	0.5	1	2	3	3	1	2	2	2
	3161 JOSEPH, VERDUN	744	2.1	3	6	7	8	2	5	6	6
50304C	QUEBEC, QUEBEC										
50306R	325 DORCHESTER SUD	684	1.2	2	3	3	4	1	2	2	3
	2026 BLVD. ST-CYRILLE	606	2.5	3	4	6	6	3	4	4	5
60101C	OTTAWA, ONT.										
60104C	88 SLATER ST.	739	1.0	2	3	4	4	1	2	2	2
60105R	RIDEAU & WURTEMBURG	735	2.2	3	4	5	5	3	3	4	4
	NRC, MONTREAL ROAD	740	2.0	3	4	5	6	2	3	4	4
60204C	WINDSOR, ONT.										
	471 UNIVERSITY AVENUE	725	2.6	3	5	7	9	3	4	5	5
60402R	TORONTO, ONT.										
60403I	DON MILLS, SCIENCE CNTR	702	2.2	3	4	6	6	2	4	4	4
60410R	EVANS & ARNOLD	716	1.5	2	4	5	5	2	3	4	4
60413R	LAWRENCE & KENNEDY	736	2.2	3	5	6	6	3	4	5	5
60414I	ELMCREST ROAD	500	2.0	3	5	6	7	2	4	4	5
60415R	SHERBOURNE & WILTON ST.	651	1.2	2	3	3	5	2	2	3	3
60417C	QUEENSWAY W & HURONTARIO	577	2.2	3	5	6	6	3	4	4	4
	26 BREADALBANE STREET	699	2.0	3	4	5	6	2	3	4	4
60501C	HAMILTON, ONT.										
	BARTON & SANFORD	677	2.0	3	4	5	6	2	3	4	4
60602R	SUDSBURY, ONT.										
	ASH STREET	400	2.0	3	3	5	5	2	3	4	4
60706I	SAULT STE. MARIE, ONT.										
	FARWELL PUMP HOUSE	711	2.9	4	5	6	6	3	4	5	5
60806R	THUNDER BAY, ONT.										
	435 JAMES S.	737	1.9	2	4	6	7	2	4	6	6
60901C	LONDON, ONT.										
	KING & RECTORY	707	2.7	4	5	7	7	3	4	5	5
61004R	SARNIA, ONT.										
	FRONT ST. AT C.N. TRACKS	732	3.0	4	6	8	8	3	4	5	5
61201R	CORNWALL, ONT.										
	MEMORIAL PARK	722	2.8	4	5	6	7	3	5	5	5
61301C	ST. CATHARINES, ONT.										
	NORTH ST. & GENEVA ST.	735	2.7	3	5	6	7	3	4	5	5
61501C	KITCHENER, ONT.										
	EDNA & FREDERICK	743	2.6	3	5	6	7	3	4	5	5
61602R	OAKVILLE, ONT.										
	BRONTE AND WOBURN CRES.	721	2.2	3	4	5	5	3	3	4	4
61701R	OSHAWA, ONT.										
	RITSON RD. & OLIVE AVE.	738	2.5	3	5	5	6	3	4	4	4
70118R	WINNIPEG, MAN.										
70119C	JEFFERSON & SCOTIA	668	2.8	4	5	6	8	3	4	5	5
	65 ELLEN STREET	523	2.4	3	5	7	8	3	4	4	4
80109C	REGINA, SASK.										
	1620 ALBERT STREET	401	2.7	3	5	5	6	3	4	4	4
90122R	EDMONTON, ALTA.										
90130C	127 ST. & 133 AVENUE	708	3.0	4	6	7	8	3	5	5	5
	10255 - 104TH STREET	715	2.0	3	4	5	6	2	3	4	4

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

OZONE
PARTS PER HUNDRED MILLION

MAY - MAI
1983

OZONE
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
	CALGARY, ALTA.													
90222R	39 ST. & 29 AVE. N.W.	730	3.0		4	5	7	7		3	4	4	4	
90227C	1611-4TH STREET S.W.	670	2.1		3	5	6	6		2	3	4	4	
	VANCOUVER, B.C.													
00106R	2294 WEST 10TH AVENUE	703	1.3		2	3	4	6		2	2	3	3	
00108I	250 WEST 70TH AVENUE	730	1.8		3	4	5	6		2	3	3	3	
00110R	E. HASTINGS & KENSINGTON	397	1.5		2	3	7	8		2	3	4	4	
00111I	ROCKY PT. PARK	734	2.7		4	7	12	17		3	5	8	8	
00112C	ROBSON/HORNBY	735	1.1		1	3	4	6		1	2	3	3	
	VICTORIA, B.C.													
00302C	1250 QUADRA ST.	353	---		3	4	5	6		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.

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
MONTREAL, QUEBEC											
50101R	7405 CHAMPAGNEUR	350	0.21	0.2	0.5	0.7	0.7	0.2	0.3	0.4	0.5
50103R	POINTE-AUX-TREMBLES	365	0.16	0.2	0.4	0.6	0.6	0.2	0.3	0.3	0.3
50109C	DUNCAN & DECARIE	357	0.31	0.4	0.8	1.2	1.3	0.4	0.6	0.6	0.6
50110C	PARC PILON, MTL.-NORD	367	0.23	0.2	0.5	0.7	1.1	0.3	0.3	0.4	0.4
50115C	1001 BOUL MAISONNEUVE O.	304	0.26	0.3	0.5	0.7	1.0	0.3	0.4	0.4	0.4
50116R	3161 JOSEPH, VERDUN	341	0.19	0.2	0.4	0.7	1.3	0.2	0.4	0.5	0.5
HULL, QUEBEC											
50203R	GAMBLIN & JOFFRE	342	0.10	0.2	0.3	0.5	0.8	0.1	0.2	0.2	0.2
TROIS-RIVIERES, QUEBEC											
50801R	HART & STE-CECILE	365	0.12	0.1	0.4	0.6	0.7	0.1	0.2	0.3	0.3
SHAWINIGAN, QUEBEC											
51201I	FRIGON & LAVAL	314	****	0.1	0.2	0.5	0.7	0.1	0.2	0.3	0.3
OTTAWA, ONT.											
60101C	88 SLATER ST.	372	0.17	0.2	0.5	0.9	3.0	0.2	0.3	0.5	0.5
60104C	RIDEAU & WURTEMBURG	734	(1) 0.13	0.2	0.4	0.5	0.7	0.2	0.2	0.3	0.3
WINDSOR, ONT.											
60204C	471 UNIVERSITY AVENUE	731	(1) 0.33	0.4	0.8	1.4	1.9	0.4	0.6	0.8	0.8
60211R	COLLEGE & PRINCE	733	(1) 0.32	0.4	0.9	1.8	2.2	0.3	0.8	1.1	1.1
TORONTO, ONT.											
60403I	EVANS & ARNOLD	720	(1) 0.33	0.4	0.9	1.4	1.6	0.4	0.7	0.8	0.8
60410R	LAWRENCE & KENNEDY	737	(1) 0.22	0.3	0.5	0.8	1.2	0.3	0.4	0.4	0.5
60412R	BATHURST & WILSON	734	(1) 0.50	0.7	1.3	1.7	2.2	0.7	1.0	1.0	1.1
60414I	SHERBOURNE & WILTON ST.	728	(1) 0.46	0.5	1.0	1.6	2.8	0.5	0.9	1.0	1.0
60417C	26 BREADALBANE STREET	703	(1) 0.35	0.4	0.8	1.1	1.6	0.4	0.6	0.6	0.7
HAMILTON, ONT.											
60501C	BARTON & SANFORD	720	(1) 0.43	0.6	1.2	1.5	1.7	0.5	1.0	1.1	1.1
60505R	NORTH PARK	727	(1) 0.55	0.8	1.2	1.5	1.5	0.7	1.0	1.0	1.0
SUDBURY, ONT.											
60602R	ASH STREET	733	(1) ****	0.1	0.2	0.3	0.4	0.1	0.2	0.2	0.2
LONDON, ONT.											
60901C	KING & RECTORY	713	(1) 0.27	0.4	0.6	1.1	1.2	0.4	0.6	0.6	0.6
SARNIA, ONT.											
61004R	FRONT ST. AT C.N. TRACKS	732	(1) 0.21	0.3	0.5	0.8	1.0	0.3	0.4	0.5	0.5
CORNWALL, ONT.											
61201R	MEMORIAL PARK	723	(1) 0.16	0.2	0.6	0.8	1.1	0.2	0.4	0.5	0.5
ST. CATHARINES, ONT.											
61301C	NORTH ST. & GENEVA ST.	727	(1) 0.24	0.3	0.5	0.8	1.2	0.3	0.4	0.5	0.5
OAKVILLE, ONT.											
61602R	BRONTE AND WOBURN CRES.	729	(1) 0.37	0.4	0.9	1.2	1.4	0.5	0.7	0.8	0.8
OSHAWA, ONT.											
61701R	RITSON RD. & OLIVE AVE.	734	(1) 0.26	0.3	0.7	1.1	1.3	0.3	0.5	0.6	0.6
WINNIPEG, MAN.											
70118R	JEFFERSON & SCOTIA	232	****	0.1	0.2	0.3	0.4	0.1	0.2	0.2	0.2
70119C	65 ELLEN STREET	368	****	0.1	0.3	0.4	0.8	0.1	0.2	0.3	0.3
70120R	604 ST. MARY'S RD.	349	****	0.0	0.1	0.2	0.2	0.0	0.0	0.1	0.1
EDMONTON, ALTA.											
90122R	127 ST. & 133 AVENUE	740	(1) 0.19	0.2	0.4	0.8	0.8	0.2	0.3	0.4	0.4
90130C	10255 - 104TH STREET	730	(1) 0.21	0.3	0.4	0.7	0.9	0.3	0.4	0.4	0.5
CALGARY, ALTA.											
90218I	BONNY BRK & 18A ST. S.E.	729	(1) 0.24	0.3	0.7	1.2	1.7	0.3	0.5	0.6	0.6
90222R	39 ST. & 29 AVE. N.W.	744	(1) 0.13	0.2	0.4	0.5	1.5	0.2	0.3	0.3	0.4
90227C	1611-4TH STREET S.W.	744	(1) 0.24	0.3	0.6	0.8	1.1	0.3	0.4	0.5	0.5
VANCOUVER, B.C.											
00102R	100 RICHMOND STREET	0	----	-	-	-	-	-	-	-	-
00106R	2294 WEST 10TH AVENUE	342	****	0.1	0.3	0.4	0.8	0.1	0.1	0.2	0.2
00108I	250 WEST 70TH AVENUE	329	0.17	0.3	0.5	0.6	0.6	0.2	0.3	0.3	0.3
00110R	E. HASTINGS & KENSINGTON	126	----	0.2	0.4	0.5	0.5	0.2	0.2	0.3	0.3
00111I	ROCKY PT. PARK	317	0.18	0.2	0.5	0.6	0.7	0.2	0.3	0.3	0.3
00112C	ROBSON/HORNEY	0	----	-	-	-	-	-	-	-	-
PRINCE GEORGE, B.C.											
00202C	1011 4TH AVENUE	368	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 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.

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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		24-HOUR / HEURES		24-HOUR / HEURES	
				70	95	99	MAX	70	95	99	MAX
00302C	VICTORIA, B.C. 1250 QUADRA ST.	372	0.12	0.2	0.4	0.5	1.5	0.1	0.2	0.3	0.3
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

MAY - MAI
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	18	60	10	36	21	29	0.0	0.3	0.0	0.1	0.1	0.1
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	11	-	-	28	35	25	0.1	-	-	0.0	0.1	0.1
30101C	HALIFAX, N.S. N.S. TECHNICAL COLLEGE	61	-	-	-	48	-	0.1	-	-	-	0.1	-
30102R	DALHOUSIE UNIVERSITY	-	30	31	27	22	28	-	0.1	0.1	0.0	0.1	0.1
30114R	MT ST VINCENT UNIVERSITY	-	-	-	19	38	-	-	-	-	0.0	0.0	-
30115I	CFB SHEARWATER	26	16	22	-	-	21	0.0	0.0	0.2	-	-	0.1
30310C	SYDNEY, N.S. COUNTY JAIL	66	16	36	41	52	42	0.1	0.1	0.1	0.2	0.2	0.1
30311R	WHITNEY PIER FIRE STN.	103	14	52	26	67	52	0.3	0.0	0.3	0.0	0.2	0.1
30408R	GLACE BAY, N.S. SOUTH STREET	64	57	41	63	31	51	0.1	0.0	0.1	0.0	0.0	0.0
40102C	FREDERICTON, N.B. YORK STREET	60	52	63	39	24	48	0.3	0.2	0.3	0.2	0.3	0.3
40201C	SAINT JOHN, N.B. 110 CHARLOTTE STREET	59	36	51	36	35	43	0.2	0.1	0.1	0.1	0.1	0.1
50102R	MONTREAL, QUEBEC JARDIN BOTANIQUE	68	54	44	46	35	49	0.3	0.1	0.1	0.1	0.1	0.1
50103R	POINTE-AUX-TREMBLES	88	83	104	71	28	75	-	-	-	-	-	-
50104C	1125 ONTARIO EST	53	58	60	50	37	52	0.5	0.5	0.3	0.3	0.5	0.4
50108R	1700 BOURASSA, LONGUEUIL	30	31	44	29	23	31	0.1	0.1	0.1	0.1	0.1	0.1
50109C	DUNCAN & DECARIE	172	86	197	127	46	126	1.3	0.7	1.4	0.3	0.4	0.8
50110C	PARC PILON, MTL.-NORD	44	70	41	40	-	49	-	-	-	-	-	-
50112C	BOUL. LAURENTIDES	51	62	64	46	34	51	0.1	0.4	0.1	0.2	0.2	0.2
50113R	PIE X & CARDINAL	26	46	40	18	25	31	-	0.3	-	-	0.1	-
50116R	3161 JOSEPH, VERDUN	38	45	62	36	36	43	0.3	0.4	0.3	0.3	0.4	0.3
50203R	HULL, QUEBEC GAMBLIN & JOFFRE	33	54	57	22	30	39	0.1	0.3	0.2	0.1	0.3	0.2
50303I	QUEBEC, QUEBEC CENTRE LOISIRS LIMOULOU	70	115	104	83	139	102	0.3	0.2	0.6	0.1	0.2	0.3
50306R	2026 BLVD. ST-CYRILLE	32	33	67	13	20	33	0.2	0.1	0.2	-	0.1	0.2
50403C	SHERBROOKE, QUEBEC WELLINGTON & ALBERT	56	32	-	44	25	39	0.2	0.1	-	0.2	0.3	0.2
50502R	CHICOUTIMI, QUEBEC USINE DE FILTRATION	52	34	68	7	-	40	0.1	0.2	0.1	-	-	0.1
50503C	222 RACINE	115	69	-	27	-	70	0.8	0.4	-	0.3	-	0.5
50601C	ROUYN, QUEBEC HOTEL DE VILLE	130	132	63	41	33	80	2.7	0.3	0.1	0.3	0.2	0.7
50701C	SEPT-ILES, QUEBEC HOTEL DE VILLE	52	77	54	21	37	48	0.1	0.2	0.1	0.1	0.1	0.1
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	102	66	116	45	63	78	-	-	-	-	-	-
50901R	ARVIDA, QUEBEC POWELL & HOOPES	-	-	84	-	-	-	-	-	0.3	-	-	-
51002R	TRACY, QUEBEC GARNEAU & RTE 132	32	123	84	28	90	71	0.1	0.2	1.3	0.1	0.3	0.4
51101C	THETFORD MINES, QUEBEC BOUL. STE-MARTHE	54	16	46	18	-	34	0.4	-	0.2	-	-	-
51201I	SHAWINIGAN, QUEBEC FRIGON & LAVAL	57	141	126	46	68	88	0.1	0.1	0.1	-	-	0.1
51301R	BAIE COMEAU, QUEBEC 39 AVE. MARGUETTE	42	30	40	29	36	35	0.1	0.1	0.1	-	-	0.1
60101C	OTTAWA, ONT. 88 SLATER ST.	51	68	75	39	51	57	0.2	0.4	0.4	0.2	0.3	0.3
60104C	RIDEAU & WURTEMBERG	34	-	70	25	27	39	0.1	-	0.2	0.1	0.1	0.1
60105R	NRC, MONTREAL ROAD	26	36	54	30	29	35	0.1	0.2	0.2	0.1	0.1	0.1
60201I	WINDSOR, ONT. MORTON TERMINAL DOCK	68	78	32	-	69	62	0.1	0.3	0.0	-	0.3	0.2
60202C	CITY HALL	75	56	63	-	60	64	0.3	0.2	0.2	-	0.2	0.2
60203R	TECUMSEH WATER WORKS	40	57	27	44	23	38	0.1	0.1	0.0	0.0	0.0	0.0
60204C	471 UNIVERSITY AVENUE	62	61	62	66	48	60	0.3	0.1	0.1	0.3	0.2	0.2
60301R	KINGSTON, ONT. QUEEN'S UNIVERSITY	-	-	-	-	-	-	-	-	-	-	-	-
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	41	39	54	30	70	47	0.6	0.2	0.3	0.4	0.2	0.3
60403I	EVANS & ARNOLD	59	57	73	46	63	60	0.5	0.5	0.4	0.3	0.2	0.4
60409R	REDLANDS CRESCENT	40	28	49	27	51	39	0.0	0.0	0.0	0.0	0.0	0.0

MAY - MAY
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PLOMB ET PARTICULES EN SUSPENSION
MICROGRAMMES PAR METRE CUBE

STATION	LOCATION EMPLACEMENT	PARTICULATES / PARTICULES					MEAN MOYENNE	LEAD / PLOMB					MEAN MOYENNE
		DAY / JOUR						DAY / JOUR					
		6	12	18	24	30		6	12	18	24	30	
60410R	LAWRENCE & KENNEDY	38	41	59	45	76	52	0.5	0.1	0.2	0.2	0.3	0.3
60412R	BATHURST & WILSON	60	61	72	31	68	58	1.2	1.3	1.2	0.4	1.0	1.0
60413R	ELMCREST ROAD	44	64	54	23	53	48	0.4	0.6	0.1	0.1	0.4	0.3
60414I	SHERBOURNE & WILTON ST.	97	117	109	61	104	98	0.7	0.7	1.0	0.4	0.8	0.7
60415R	QUEENSWAY W & HURONTARIO	54	63	64	40	61	56	0.3	0.5	0.3	0.0	0.0	0.2
60417C	26 BREADALBANE STREET	84	55	102	125	90	91	0.3	0.3	0.3	0.6	0.3	0.4
HAMILTON, ONT.													
60501C	BARTON & SANFORD	128	236	141	51	104	132	0.1	0.1	0.1	0.2	0.4	0.2
60503I	CHATHAM & FRID	126	167	169	65	104	126	0.3	0.7	0.3	0.1	0.1	0.3
60505R	NORTH PARK	93	50	81	55	131	82	0.4	0.1	0.3	0.5	0.6	0.4
SUDBURY, ONT.													
60602R	ASH STREET	-	61	27	19	30	34	-	0.2	0.3	0.1	0.1	0.2
60605C	19 LISGAR STREET	39	83	60	22	40	49	0.3	0.4	0.1	0.0	0.2	0.2
SAULT STE. MARIE, ONT.													
60705R	550 QUEEN STREET WEST	36	69	62	33	22	44	0.1	0.2	0.1	0.2	0.0	0.1
60706I	FARWELL PUMP HOUSE	-	-	-	-	-	-	-	-	-	-	-	-
THUNDER BAY, ONT.													
60801C	14 ALGOMA STREET	61	-	84	42	21	52	-	-	-	-	-	-
60806R	435 JAMES S.	-	96	-	33	15	48	-	-	-	-	-	-
LONDON, ONT.													
60901C	KING & RECTORY	81	104	93	33	47	72	0.4	0.3	0.2	0.1	0.1	0.2
60902C	372 DUNDAS	53	85	72	29	-	60	0.2	0.3	0.2	0.0	-	0.2
SARNIA, ONT.													
61004R	FRONT ST. AT C.N. TRACKS	95	131	113	75	48	92	0.2	0.3	0.2	0.1	0.1	0.2
PETERBOROUGH, ONT.													
61103C	500 GEORGE STREET	72	69	78	37	81	67	0.2	0.2	0.3	0.3	0.2	0.2
CORNWALL, ONT.													
61201R	MEMORIAL PARK	57	74	72	44	35	56	0.2	0.5	0.2	0.2	0.2	0.3
ST. CATHARINES, ONT.													
61301C	NORTH ST. & GENEVA ST.	78	114	97	51	-	85	0.4	0.5	0.4	0.2	-	0.4
KITCHENER, ONT.													
61501C	EDNA & FREDERICK	80	224	78	50	-	108	1.2	2.1	0.9	0.2	-	1.1
OAKVILLE, ONT.													
61602R	BRONTE AND WOBURN CRES.	44	50	52	66	82	59	0.2	0.2	0.2	0.2	0.1	0.2
OSHAWA, ONT.													
61701R	RITSON RD. & OLIVE AVE.	-	59	83	38	98	70	-	0.4	0.5	0.1	0.2	0.3
GUELPH, ONT.													
61801C	FARQUHAR & WYNDHAM	45	77	60	29	44	51	0.3	0.3	0.2	0.0	0.1	0.2
WINNIPEG, MAN.													
70102R	PORTAGE & WOODLAWN	91	37	63	45	37	55	0.5	0.4	0.3	0.5	0.3	0.4
70104I	UNION STOCK YARDS	-	23	39	43	55	40	-	0.2	0.2	0.1	0.1	0.1
70118R	JEFFERSON & SCOTIA	40	18	48	29	13	30	0.1	0.1	0.2	0.1	0.0	0.1
70119C	65 ELLEN STREET	94	80	-	-	-	-	0.1	0.1	-	-	-	-
70120R	604 ST. MARY'S RD.	56	-	45	32	27	40	0.2	-	0.2	0.2	0.2	0.2
BRANDON, MAN.													
70201C	11TH ST. & PRINCESS AVE.	58	15	96	38	49	51	0.2	0.1	0.3	0.1	0.2	0.2
REGINA, SASK.													
80102R	3211 ALBERT STREET	43	-	30	33	35	35	0.0	-	0.2	0.1	0.1	0.1
80108C	12TH AVE. & SMITH ST.	86	48	58	52	59	61	0.1	0.1	0.2	0.2	0.2	0.2
80109C	1620 ALBERT STREET	98	28	59	72	73	66	0.2	0.3	0.4	0.3	0.5	0.3
SASKATOON, SASK.													
80203R	30TH ST. & 833 P AVE.	54	55	47	119	71	69	0.1	0.1	0.1	0.1	0.1	0.1
80209C	IDYLLWYLD DR. & 33RD ST.	-	-	-	-	-	-	-	-	-	-	-	-
MOOSE JAW, SASK.													
80301C	FAIRFORD ST. & 1ST AVE.	66	46	720	524	225	316	0.1	0.0	0.4	0.3	0.4	0.2
PRINCE ALBERT, SASK.													
80401C	1257-1ST AVE. EAST	79	103	55	75	160	94	0.1	0.2	0.1	0.1	0.2	0.1
EDMONTON, ALTA.													
90121I	17 STREET & 105 AVENUE	55	94	-	99	85	83	-	-	-	-	-	-
90122R	127 ST. & 133 AVENUE	122	114	54	104	104	100	-	-	-	-	-	-
90130C	10255 - 104TH STREET	107	-	79	94	129	102	-	-	-	-	-	-
CALGARY, ALTA.													
90204C	316-7TH AVENUE	111	147	58	153	106	115	-	-	-	-	-	-
90218I	BONNY BRK & 18A ST. S.E.	225	167	67	117	134	142	-	-	-	-	-	-
90222R	39 ST. & 29 AVE. N.W.	55	89	27	88	132	78	-	-	-	-	-	-
YELLOWKNIFE, N.W.T.													
99001C	50TH AVE. & 49TH STREET	-	-	-	-	-	-	-	-	-	-	-	-

SUSPENDED PARTICULATE MATTER AND LEAD
MICROGRAMS PER CUBIC METRE

MAY - MAI
1983

PLOMB ET PARTICULES EN SUSPENSION
MICROGRAMMES PAR METRE CUBE

STATION	LOCATION EMPLACEMENT	*----- PARTICULATES / PARTICULES -----*					*----- LEAD / PLOMB -----*									
		----- DAY / JOUR -----					*----- DAY / JOUR -----*									
		6	12	18	24	30	MEAN MOYENNE	6	12	18	24	30	MEAN MOYENNE			
VANCOUVER, B.C.																
00102R	100 RICHMOND STREET	33	-	37	-	-	-	0.2	-	0.4	-	-	-	-		
00104R	27TH & ONTARIO	39	48	-	-	63	50	0.3	0.5	-	-	0.1	0.3			
00106R	2294 WEST 10TH AVENUE	32	35	23	67	51	42	0.3	0.4	0.2	0.5	0.2	0.3			
00108I	250 WEST 70TH AVENUE	57	61	38	85	68	62	0.1	0.6	0.3	0.5	0.2	0.3			
00109C	970 BURRARD	44	50	28	68	66	51	0.6	0.6	0.3	0.7	0.4	0.5			
00110R	E. HASTINGS & KENSINGTON	24	41	-	61	-	42	0.2	0.3	-	0.3	-	0.3			
00111I	ROCKY PT. PARK	15	55	41	80	55	49	0.2	0.4	0.3	0.5	0.2	0.3			
00113I	ANNACIS ISLAND, DELTA	36	93	53	96	51	66	0.2	0.4	0.1	0.3	0.1	0.2			
00114C	MUNICIPAL HALL, RICHMOND	32	-	21	78	43	44	0.3	-	0.2	0.5	0.2	0.3			
00115R	NEWTON ELEM. SCH., SURREY	21	69	-	30	34	39	0.1	0.6	-	0.5	0.1	0.3			
00116R	FIRE HALL, N. VANCOUVER	-	-	-	-	-	-	-	-	-	-	-	-			
00117R	BCIT BURNABY	25	48	27	59	46	41	0.2	0.7	0.3	0.9	0.2	0.5			
PRINCE GEORGE, B.C.																
00202C	1011 4TH AVENUE	73	110	23	77	140	85	0.2	0.1	0.1	0.1	0.1	0.1			
VICTORIA, B.C.																
00302C	1250 QUADRA ST.	25	43	32	-	31	33	0.3	0.6	0.4	-	0.2	0.4			
KAMLOOPS, B.C.																
00401C	301 SEYMOUR ST.	75	93	45	78	-	73	0.5	0.4	0.3	0.4	-	0.4			
WHITEHORSE, YUKON																
09001C	FEDERAL BUILDING	85	-	-	-	-	-	0.2	-	-	-	-	-			

COMBINATION OF SULPHUR DIOXIDE AND
SUSPENDED PARTICULATES
1000*(MICROGRAMS/CU.METRE)**2MAY - MAI
1983DIOXYDE 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	0	1	0
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	0	-	-	0	-
30114R	HALIFAX, N.S. MT ST VINCENT UNIVERSITY	-	-	-	0	-
30115I	CFB SHEARWATER	0	1	1	-	-
30310C	SYDNEY, N.S. COUNTY JAIL	3	0	-	0	1
30311R	WHITNEY PIER FIRE STN.	-	-	-	-	-
30408R	GLACE BAY, N.S. SOUTH STREET	1	0	1	0	0
50102R	MONTREAL, QUEBEC JARDIN BOTANIQUE	-	0	-	0	1
50103R	POINTE-AUX-TREMBLES	2	0	7	-	0
50104C	1125 ONTARIO EST	1	1	1	1	1
50108R	1700 BOURASSA, LONGUEUIL	0	0	0	0	0
50109C	DUNCAN & DECARIE	-	-	-	-	-
50110C	PARC PILON, MTL.-NORD	-	1	0	1	-
50112C	BOUL. LAURENTIDES	-	-	-	0	0
50113R	PIE X & CARDINAL	0	0	-	-	-
50116R	3161 JOSEPH, VERDUN	0	0	0	0	0
50203R	BULL, QUEBEC GAMBLIN & JOFFRE	0	1	1	0	0
50303I	QUEBEC, QUEBEC CENTRE LOISIRS LIMOILLOU	1	65	2	-	63
50306R	2026 BLVD. ST-CYRILLE	-	0	2	0	0
50601C	ROUYN, QUEBEC HOTEL DE VILLE	5	0	1	1	0
50701C	SEPT-ILES, QUEBEC HOTEL DE VILLE	0	0	0	0	0
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	1	4	3	1	10
50901R	ARVIDA, QUEBEC POWELL & HOOPES	-	-	-	-	-
51201I	SHAWINIGAN, QUEBEC FRIGON & LAVAL	0	10	4	1	3
51301R	BAIE COMEAU, QUEBEC 39 AVE. MARGUETTE	6	1	2	0	0
60101C	OTTAWA, ONT. 88 SLATER ST.	1	1	0	0	0
60104C	RIDEAU & WURTEMBERG	0	-	0	0	0
60105R	NRC, MONTREAL ROAD	0	0	-	-	0
60201I	WINDSOR, ONT. MORTON TERMINAL DOCK	0	1	-	-	0
60204C	471 UNIVERSITY AVENUE	0	1	0	1	1
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	0	0	1	0	1
60403I	EVANS & ARNOLD	0	0	1	0	0
60409R	REDLANDS CRESCENT	1	1	2	1	-
60410R	LAWRENCE & KENNEDY	0	0	0	0	0
60412R	BATHURST & WILSON	2	1	2	0	2
60413R	ELMCREST ROAD	3	2	3	1	1
60414I	SHERBOURNE & WILTON ST.	0	0	1	0	0
60415R	QUEENSWAY W & HURONTARIO	1	2	2	0	1
60417C	26 BREADALBANE STREET	1	0	1	1	1
60501C	HAMILTON, ONT. BARTON & SANFORD	-	26	12	1	3
60505R	NORTH PARK	3	0	1	1	7
60602R	SUDBURY, ONT. ASH STREET	-	9	0	1	0
60706I	SAULT STE. MARIE, ONT. FARWELL PUMP HOUSE	-	-	-	-	-
60806R	THUNDER BAY, ONT. 435 JAMES S.	-	0	-	0	0
60901C	LONDON, ONT. KING & RECTORY	1	1	1	0	0

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

MAY - MAI
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	5	5	2	9	2
61103C	PETERBOROUGH, ONT. 500 GEORGE STREET	0	0	0	0	0
61201R	CORNWALL, ONT. MEMORIAL PARK	3	2	2	0	0
61301C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	0	0	0	1	-
61501C	KITCHENER, ONT. EDNA & FREDERICK	0	4	1	0	-
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	0	1	0	1	4
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	-	0	1	0	1
61801C	GUELPH, ONT. FARQUHAR & WYNDHAM	1	3	1	0	6
70118R	WINNIPEG, MAN. JEFFERSON & SCOTIA	0	-	0	0	0
70119C	65 ELLEN STREET	0	0	-	-	-
70120R	604 ST. MARY'S RD.	0	-	-	0	0
80109C	REGINA, SASK. 1620 ALBERT STREET	0	-	0	0	0
80209C	SASKATOON, SASK. IDYLWYLD DR. & 33RD ST.	-	-	-	-	-
80301C	MOOSE JAW, SASK. FAIRFORD ST. & 1ST AVE.	-	-	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	-	0	0
90218I	CALGARY, ALTA. BONNY BRK & 18A ST. S.E.	4	0	0	0	0
00106R	VANCOUVER, B.C. 2294 WEST 10TH AVENUE	0	0	0	1	1
00110R	E. HASTINGS & KENSINGTON	0	1	-	1	-
00111I	ROCKY PT. PARK	0	1	0	2	1
00302C	VICTORIA, B.C. 1250 QUADRA ST.	0	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

MAY - MAI
1983

RETONBES DE POUSSIERES
GRAMMES PAR METRE CARRE PAR 30 JOURS
INDICES DE FORMATION DE SULFATE
MILLIGRAMMES PAR 100 CM2 PAR JOUR

STATION	LOCATION EMPLACEMENT	DUSTFALL RETONBES DE POUSSIERES	S03
	SYDNEY, N.S.		
30301R	MURPHY ROAD	10.0	0.2 **
30309I	PT EDWARD, RICHMOND PLST	4.0	- **
30310C	COUNTY JAIL	4.5	0.2 **
30311R	WHITNEY PIER FIRE STN.	7.3	0.3 **
	GLACE BAY, N.S.		
30401R	LAKE ROAD	15.5	- **
30405C	GENERAL HOSPITAL	1.9	- **
	MONTREAL, QUEBEC		
50101R	7405 CHAMPAGNEUR	2.0	-
50102R	JARDIN BOTANIQUE	4.0	- *
50103R	POINTE-AUX-TREMBLES	13.0	-
	TORONTO, ONT.		
60403I	EVANS & ARNOLD	4.5	-
60404R	5126 YONGE STREET	5.0	-
60405I	JOHN STREET PUMP STATION	10.9	-
60406R	ROSEHILL RESERVOIR	4.3	-
60408C	DANFORTH & ROBINSON	2.4	-
	HAMILTON, ONT.		
60501C	BARTON & SANFORD	8.6	-
60502I	BURLINGTON & GAGE	15.8	-
60503I	CHATHAM & FRID	9.1	-
60507C	HUGHSON & HUNTER	6.1	-
60510I	STRATHEARN	23.1	-
	SAULT STE. MARIE, ONT.		
60702R	ANNA MCREEA PUBLIC SCHOOL	43.7	-
60703I	BAYVIEW & YOUNG	14.1	-
	THUNDER BAY, ONT.		
60801C	14 ALGOMA STREET	-	-
	WINNIPEG, MAN.		
70105R	MARTIN & HENDERSON HWY	10.1	0.0 **
70110C	KENNEDY & ST. MARY'S	6.8	-
70113I	WINDERMERE & ROCKMAN	10.4	0.0 **
70115C	PORTAGE & MINTO	6.1	0.1 **
70116I	SMITH & KING	24.1	0.1 **
	EDMONTON, ALTA.		
90125C	PRINS ELIZABETH & 108 ST	6.6	0.1 **
90126R	77 AVENUE & 85 STREET	6.0	0.0 **
90127I	115 AVENUE & 159 STREET	-	- **
90128R	99 AVENUE & 160 STREET	5.7	0.1 **
	CALGARY, ALTA.		
90219C	620-7TH AVENUE, S.W.	8.9	0.1 **
90221R	DALHOUSIE DR & DALHAM DR	6.0	0.1 **
90223C	11 ST. & 38 AVE. S.E.	17.1	0.1 **
90224I	OGDENDALE & 71 AVE S.E.	10.4	0.1 **
90225R	PALLISER DR & OAKWOOD SW	-	- **
90226I	SHEPPARD & 84 AVE S.E.	5.6	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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NSDE

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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