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Service

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Monthly Summary May 1982



National Air Pollution Surveillance

Surveillance nationale de la pollution atmosphérique

Extrait mensuel mai 1982

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Surveillance Report
EPS 5-AP-82-5

Air Pollution
Control Directorate

Rapport de surveillance
EPS 5-AP-82-5

Direction générale de
l'assainissement de l'air

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Canada

SULPHUR DIOXIDE
PARTS PER HUNDRED MILLION

82 - 65

MAY - MAY
1982

DIOXYDE DE SOUFRE
PARTIES PAR CENT MILLIONS

STATION	LOCATION EMPLACEMENT	NUMBER OF HOURLY SAMPLES NOMBRE DE DONNEES HORAIRES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS - CENTILES - DISTRIBUTIONS DES FREQUENCES				INTERVALS - INTERVALLES				MEANS ---- MOYENNES			
				1-HOUR / HEURE				24-HOUR / HEURES							
				70	95	99	MAX	70	95	99	MAX	70	95	99	MAX
10101C	ST. JOHN'S, NFLD. DUCKWORTH & ORDINANCE	70	---	1	1	1	1	0	0	1	1				
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	518	***	1	3	3	4	1	2	2	2				
30114R	HALIFAX, N.S. MT ST VINCENT UNIVERSITY	486	***	0	2	3	5	1	1	1	2				
30115I	CFB SHEARWATER	597	***	0	4	6	10	1	2	3	3				
30116C	BARRINGTON & DUKE	459	***	1	2	3	6	1	2	3	3				
30310C	SYDNEY, N.S. COUNTY JAIL	619	***	1	2	3	8	1	2	2	2				
30311R	WHITNEY PIER FIRE STN.	0	---	-	-	-	-	-	-	-	-				
30408R	GLACE BAY, N.S. SOUTH STREET	547	***	0	4	17	22	1	4	10	11				
40202C	SAINT JOHN, N.B. POST OFFICE	713	***	0	1	4	5	0	1	2	2				
50101R	MONTREAL, QUEBEC PARC JARRY	720	1.2	1	4	6	10	1	3	4	4				
50102R	JARDIN BOTANIQUE	583	***	1	1	2	9	1	1	1	1				
50103R	POINTE-AUX-TREMBLES	668	***	1	3	6	8	1	3	4	4				
50104C	1125 ONTARIO EST	523	***	1	1	2	3	1	1	1	1				
50105C	1212 DRUMMOND	606	***	1	3	4	5	1	2	2	2				
50106R	VILLE ST-LAURENT	113	---	0	1	1	1	0	0	1	1				
50108R	1700 BOURASSA, LONGUEUIL	515	***	1	1	3	5	1	1	2	2				
50109C	DUNCAN & DECARIE	744	***	1	2	3	4	1	1	2	2				
50110C	PARC PILON, MTL.-NORD	421	***	1	2	4	9	1	2	2	2				
50112C	BOUL. LAURENTIDES	661	***	1	3	6	9	1	2	2	2				
50113R	PIE X & CARDINAL	639	***	0	1	2	3	0	1	1	1				
50115C	METCALFE & MAISONNEUVE	0	---	-	-	-	-	-	-	-	-				
50116R	3161 JOSEPH, VERDUN	720	***	0	1	2	3	0	1	1	1				
50203R	HULL, QUEBEC GAMELIN & JOFFRE	709	***	0	1	1	4	0	1	1	1				
50303I	QUEBEC, QUEBEC CENTRE LOISIRS LIMOULOU	581	7.1	7	26	43	52	8	16	31	33				
50304C	325 DORCHESTER SUD	654	2.5	2	10	16	78	3	8	15	16				
50306R	2026 BLVD. ST-CYRILLE	668	***	0	0	0	0	0	0	0	0				
50601C	ROUYN, QUEBEC HOTEL DE VILLE	697	2.5	0	16	37	53	3	10	16	16				
50701C	SEPT-ILES, QUEBEC HOTEL DE VILLE	682	***	0	0	0	0	0	0	0	0				
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	620	***	1	3	4	6	1	2	2	3				
50901R	ARVIDA, QUEBEC POWELL & HOOPES	398	***	0	0	0	0	0	0	0	0				
51001R	TRACY, QUEBEC 3225 AVE COURSHESNE	443	***	1	2	7	19	1	2	2	3				
51201I	SHAWINIGAN, QUEBEC FRIGON & LAVAL	627	2.9	3	10	19	23	4	6	8	8				
51301R	BAIE COMEAU, QUEBEC 39 AVE. MARGUETTE	650	2.9	1	17	37	48	3	13	23	24				
60101C	OTTAWA, ONT. 88 SLATER ST.	741	***	0	1	4	7	0	1	2	2				
60104C	RIDEAU & WURTEMBERG	562	***	0	1	3	6	0	1	1	1				
60105R	NRC, MONTREAL ROAD	678	***	0	1	1	4	0	1	1	1				
60201I	WINDSOR, ONT. MORTON TERMINAL DOCK	742	***	1	2	4	7	1	1	2	2				
60204C	471 UNIVERSITY AVENUE	714	***	1	2	4	10	1	1	2	2				
60211R	COLLEGE & PRINCE	727	***	0	2	3	5	0	1	2	2				
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	733	1.3	2	3	4	5	1	2	3	3				
60403I	EVANS & ARNOLD	727	***	0	1	2	5	0	1	1	1				
60409R	REDLANDS CRESCENT	732	***	0	2	3	10	0	2	3	3				
60410R	LAWRENCE & KENNEDY	730	***	0	1	2	4	0	1	1	1				
60412R	BATHURST & WILSON	714	***	1	2	4	10	1	2	3	4				
60413R	ELMCREST ROAD	653	***	1	2	6	10	1	2	2	2				
60414I	SHERBOURNE & WILTON ST.	727	***	0	1	2	6	0	0	1	1				
60415R	QUEENSWAY W & HURONTARIO	711	***	1	2	4	26	1	2	3	3				

*** 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 MILLIONMAY - MAI
1982DIOXYDE DE SOUFRE
PARTIES PAR CENT MILLIONS

STATION	LOCATION EMPLACEMENT	NUMBER OF HOURLY SAMPLES NOMBRE DE DONNEES HORAIRES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS - CENTILES -				DISTRIBUTIONS DES FREQUENCES			
				INTERVALS - INTERVALLES				MEANS ---- MOYENNES			
				1-HOUR / HEURE				24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX
60417C	26 BREADALBANE	714	***	1	2	4	8	1	1	2	3
60501C	HAMILTON, ONT.	716	2.3	3	7	10	14	3	4	5	5
60505R	BARTON & SANFORD NORTH PARK	683	***	0	2	4	6	1	2	2	2
60602R	SUDBURY, ONT.	733	1.6	2	5	11	20	2	4	5	5
60606C	ASH STREET KENNEDY STREET	726	1.9	2	6	15	25	3	5	6	6
60704C	SAULT STE. MARIE, ONT. QUEEN & ELGIN	714	***	0	1	3	4	0	1	2	2
60806R	THUNDER BAY, ONT. 435 JAMES S.	726	***	0	0	2	18	0	1	1	2
60901C	LONDON, ONT. KING & RECTORY	714	***	0	1	2	3	0	1	1	1
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	722	***	1	4	12	22	1	4	9	9
61103C	PETERBOROUGH, ONT. 500 GEORGE STREET	743	***	0	1	2	2	0	1	1	1
61201R	CORNWALL, ONT. MEMORIAL PARK	718	***	1	4	8	13	1	2	3	3
61301C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	716	***	0	1	3	5	0	1	2	2
61501C	KITCHENER, ONT. EDNA & FREDERICK	736	***	0	1	2	4	0	1	1	1
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	722	***	0	1	7	13	0	1	4	5
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	696	***	0	1	2	3	0	1	1	1
61801C	GUELPH, ONT. FARQUHAR & WYNDHAM	739	***	0	1	5	10	0	1	2	3
70118R	WINNIPEG, MAN. JEFFERSON & SCOTIA	689	***	0	0	1	8	0	0	1	1
70119C	65 ELLEN STREET	489	***	0	0	0	1	0	0	0	0
70120R	604 ST. MARY'S RD.	333	---	0	0	0	0	0	0	0	0
80109C	REGINA, SASK. 1620 ALBERT STREET	0	---	-	-	-	-	-	-	-	-
80209C	SASKATOON, SASK. IDYLWYLD DR. & 33RD ST.	261	---	0	0	0	0	0	0	0	0
80301C	MOOSE JAW, SASK. FAIRFORD ST. & 1ST AVE.	123	---	0	0	0	0	0	0	0	0
80401C	PRINCE ALBERT, SASK. 1257-1ST AVE. EAST	384	***	0	0	0	0	0	0	0	0
90121I	EDMONTON, ALTA. 17 STREET & 105 AVENUE	680	***	0	0	1	1	0	0	0	0
90218I	CALGARY, ALTA. BONNY BRK & 18A ST. S.E.	687	***	0	1	2	2	0	0	1	1
00106R	VANCOUVER, B.C. 2294 WEST 10TH AVENUE	561	***	1	2	2	6	1	1	2	2
00110R	E. HASTINGS & KENSINGTON	732	1.1	1	3	4	6	1	2	3	3
00111I	ROCKY PT. PARK	539	***	1	1	2	4	1	1	1	1
00112C	ROBSON/HORNEY	0	---	-	-	-	-	-	-	-	-
00302C	VICTORIA, B.C. 1106 COOK ST.	504	***	1	2	3	3	1	1	1	2
00401C	KAMLOOPS, B.C. 301 SEYMOUR ST.	632	***	0	1	2	2	0	0	0	0

*** CALCULATED MEANS ARE BELOW 10 PARTS PER BILLION.
LES MOYENNES SONT INFÉRIEURES À 10 PARTIES PAR BILLION.

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

CARBON MONOXIDE
PARTS PER MILLIONMAY - MAI
1982MONOXYDE DE CARBONE
PARTIES PAR MILLION

STATION	LOCATION EMPLACEMENT	NUMBER OF HOURLY SAMPLES NOMBRE DE DONNEES HORAIRES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS - CENTILES - DISTRIBUTIONS DES FREQUENCES				MEANS - MOYENNES				MEANS - MOYENNES			
				INTERVALS - INTERVALLES				8-HOUR / HEURES				24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX	70	95	99	MAX
10101C	ST. JOHN'S, Nfld. DUCKWORTH & ORDINANCE	732	0.6	1	2	2	3	1	1	1	2	1	1	1	1
30116C	HALIFAX, N.S. BARRINGTON & DUKE	0	---	-	-	-	-	-	-	-	-	-	-	-	-
40202C	SAINT JOHN, N.B. POST OFFICE	744	***	0	1	3	6	0	1	2	3	0	1	1	1
50102R	MONTREAL, QUEBEC JARDIN BOTANIQUE	0	---	-	-	-	-	-	-	-	-	-	-	-	-
50103R	POINTE-AUX-TREMBLES	740	1.1	1	2	4	5	1	2	3	4	1	2	3	3
50104C	1125 ONTARIO EST	738	2.0	2	4	5	6	2	4	4	5	2	3	4	4
50108R	1700 BOURASSA, LONGUEUIL	0	---	-	-	-	-	-	-	-	-	-	-	-	-
50109C	DUNCAN & DECARIE	743	1.1	1	4	5	9	2	4	5	5	1	3	4	4
50110C	PARC PILON, MTL.-NORD	740	1.4	2	3	6	8	2	3	4	4	2	2	3	3
50112C	BOUL. LAURENTIDES	720	***	1	1	3	4	1	1	2	2	1	1	1	1
50113R	PIE X & CARDINAL	735	***	1	1	2	4	1	1	2	2	1	1	1	1
50114C	677 STE-CATHERINE O.	670	2.2	3	5	6	8	3	4	5	5	2	3	4	4
50115C	METCALPE & MAISONNEUVE	0	---	-	-	-	-	-	-	-	-	-	-	-	-
50116R	3161 JOSEPH, VERDUN	744	***	1	1	2	2	1	1	1	2	1	1	1	1
50203R	HULL, QUEBEC GAMBLIN & JOFFRE	555	***	1	1	1	2	1	1	1	1	1	1	1	1
50304C	QUEBEC, QUEBEC 325 DORCHESTER SUD	643	0.8	1	2	4	6	1	2	3	4	1	1	2	2
60101C	OTTAWA, ONT. 88 SLATER ST.	660	1.7	2	5	7	9	2	4	5	6	2	4	4	4
60104C	RIDEAU & WURTEMBERG	704	0.8	1	1	2	4	1	1	2	2	1	1	2	2
60204C	WINDSOR, ONT. 471 UNIVERSITY AVENUE	685	***	1	1	6	7	1	1	5	6	1	1	3	4
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	735	2.5	3	5	6	7	3	4	5	6	3	4	4	4
60403I	EVANS & ARNOLD	727	1.9	2	3	4	6	2	3	4	4	2	3	3	3
60410R	LAWRENCE & KENNEDY	731	1.3	2	3	4	5	2	3	4	4	2	2	3	3
60412R	BATHURST & WILSON	417	2.0	2	4	5	6	2	4	4	4	2	3	4	4
60413R	ELMCREST ROAD	627	1.2	2	3	4	7	2	3	4	4	2	3	3	3
60414I	SHEREBOURNE & WILTON ST.	727	1.5	2	3	4	5	2	3	3	4	2	2	2	3
60415R	QUEENSWAY W & HURONTARIO	741	1.4	1	3	4	6	2	2	3	3	1	2	2	2
60416C	381 YONGE STREET	742	5.3	6	13	24	29	6	12	17	19	6	9	10	10
60417C	26 BREADALBANE	713	1.8	2	4	6	10	2	3	5	6	2	3	3	3
60501C	HAMILTON, ONT. BARTON & SANFORD	698	1.4	2	4	5	8	2	3	4	4	2	2	3	3
60602R	SUDBURY, ONT. ASH STREET	726	***	0	0	1	2	0	0	1	1	0	0	0	0
60901C	LONDON, ONT. KING & RECTORY	696	***	0	1	2	3	0	1	1	1	0	0	1	1
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	699	***	0	0	1	5	0	0	1	1	0	0	0	0
61201R	CORNWALL, ONT. MEMORIAL PARK	717	0.7	1	1	2	4	1	1	2	2	1	1	1	1
61301C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	713	***	0	1	2	4	0	1	2	2	0	1	1	1
61501C	KITCHENER, ONT. EDNA & FREDERICK	735	0.8	1	2	4	5	1	2	2	3	1	2	2	2
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	731	1.1	1	3	3	8	1	3	3	4	1	2	3	3
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	703	2.1	2	4	5	8	3	3	4	4	3	3	3	3
70118R	WINNIPEG, MAN. JEFFERSON & SCOTIA	323	---	1	1	1	1	0	1	1	1	0	1	1	1
70119C	65 ELLEN STREET	496	***	1	1	2	3	1	1	1	1	1	1	1	1
70120R	604 ST. MARY'S RD.	0	---	-	-	-	-	-	-	-	-	-	-	-	-
80109C	REGINA, SASK. 1620 ALBERT STREET	269	---	0	2	3	4	0	1	2	2	0	1	1	1
80209C	SASKATOON, SASK. IDYLWYLD DR. & 33RD ST.	301	---	1	3	6	8	1	3	5	5	1	3	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
1982MONOXYDE DE CARBONE
PARTIES PAR MILLION

STATION	LOCATION	NUMBER OF HOURLY SAMPLES NOMBRE DE DONNEES HORAIRES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS -				CENTILES - DISTRIBUTIONS DES FREQUENCES				MEANS ----- MOYENNES			
	EMPLACEMENT			INTERVALS - INTERVALLES				8-HOUR / HEURES				24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX	70	95	99	MAX
EDMONTON, ALTA.															
90121I	17 STREET & 105 AVENUE	723	***	1	1	2	2	1	1	1	1	1	1	1	1
90122R	127 ST. & 133 AVENUE	727	0.5	1	2	4	5	1	2	2	2	1	1	1	1
90130C	10255 - 104TH STREET	724	1.1	1	3	4	6	1	2	3	4	1	2	2	2
CALGARY, ALTA.															
90222R	39 ST. & 29 AVE. N.W.	671	0.6	1	2	3	5	1	1	2	2	1	1	1	1
90227C	1611-4TH STREET S.W.	718	1.5	2	4	5	12	2	3	4	4	2	2	3	3
VANCOUVER, B.C.															
00106R	2294 WEST 10TH AVENUE	731	0.9	1	2	3	4	1	2	2	2	1	2	2	2
00108I	250 WEST 70TH AVENUE	704	***	1	1	2	3	1	1	1	1	0	1	1	1
00110R	E. HASTINGS & KENSINGTON	728	0.8	1	2	2	2	1	2	2	2	1	1	2	2
00111I	ROCKY PT. PARK	734	0.7	1	1	2	3	1	1	2	2	1	1	1	1
00112C	ROBSON/HORNEY	726	1.5	2	3	4	9	2	2	3	4	2	2	2	2
VICTORIA, B.C.															
00302C	1106 COOK ST.	655	0.6	1	2	3	4	1	1	2	3	1	1	1	1

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

NITROGEN DIOXIDE
PARTS PER HUNDRED MILLION

MAY - MAI
1982

DIOXYDE D'AZOTE
PARTIES PAR CENT MILLIONS

STATION	LOCATION EMPLACEMENT	NUMBER OF HOURLY SAMPLES NOMBRE DE DONNEES HORAIRES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS - CENTILES - DISTRIBUTIONS DES FREQUENCES				MEANS ---- MOYENNES			
				INTERVALS - INTERVALLES				24-HOUR / HEURES			
				1-HOUR / HEURE							
				70	95	99	MAX	70	95	99	MAX
30115I	HALIFAX, N.S.	641	***	0	1	2	3	0	1	1	1
30116C	CFB SHEARWATER BARRINGTON & DUKE	446	***	0	1	1	1	0	0	0	0
40202C	SAINT JOHN, N.B. POST OFFICE	53	---	0	1	1	1	0	0	0	0
50102R	MONTREAL, QUEBEC										
50104C	JARDIN BOTANIQUE	740	2.6	3	6	8	11	3	5	6	6
50108R	1125 ONTARIO EST	710	2.9	3	5	7	8	3	5	5	5
50109C	1700 BOURASSA, LONGUEUIL	565	3.0	4	6	7	8	4	5	6	6
50110C	DUNCAN & DECARIE	744	2.6	3	6	7	8	3	6	6	6
50112C	PARC PILON, MTL.-NORD	671	3.9	5	8	10	13	5	6	8	8
50113R	BOUL. LAURENTIDES	691	2.5	3	5	7	9	3	4	5	5
50115C	PIE X & CARDINAL	736	2.6	3	5	7	9	3	4	5	5
50116R	METCALFE & MAISONNEUVE	0	---	-	-	-	-	-	-	-	-
	3161 JOSEPH, VERDUN	743	2.5	3	5	6	9	3	4	4	5
50203R	HULL, QUEBEC										
	GAMBLIN & JOFFRE	740	1.7	2	4	6	9	2	3	4	4
50304C	QUEBEC, QUEBEC										
	325 DORCHESTER SUD	684	2.7	3	5	8	9	3	5	6	7
60101C	OTTAWA, ONT.										
60104C	88 SLATER ST.	730	4.4	5	8	11	14	5	7	9	9
60105R	RIDEAU & WURTEMBERG	716	1.3	2	4	5	9	2	3	3	4
	NRC, MONTREAL ROAD	742	1.4	2	4	6	9	2	3	3	3
60204C	WINDSOR, ONT.										
	471 UNIVERSITY AVENUE	719	3.1	4	6	8	13	3	5	7	7
60402R	TORONTO, ONT.										
60403I	DON MILLS, SCIENCE CNTR	730	2.6	3	5	7	8	3	4	5	5
60410R	EVANS & ARNOLD	726	3.6	4	6	7	9	4	5	5	5
60412R	LAWRENCE & KENNEDY	730	2.4	3	6	8	9	3	4	6	6
60413R	BATHURST & WILSON	731	5.0	6	10	14	16	6	9	11	11
60414I	ELMCREST ROAD	730	2.6	3	6	9	12	3	5	6	6
60415R	SHERBOURNE & WILTON ST.	728	3.1	4	7	8	10	5	6	7	7
60417C	QUEENSWAY W & HURONTARIO	661	3.1	4	6	7	8	4	5	5	6
	26 BREADALBANE	709	3.1	4	7	8	10	4	5	6	7
60501C	HAMILTON, ONT.										
60505R	BARTON & SANFORD	715	4.1	5	7	9	11	5	6	8	8
	NORTH PARK	713	1.7	3	5	7	7	3	4	5	5
60602R	SUDBURY, ONT.										
	ASH STREET	733	***	1	2	3	5	1	2	2	2
60901C	LONDON, ONT.										
	KING & RECTORY	716	1.9	2	4	5	7	2	3	3	3
61004R	SARNIA, ONT.										
	FRONT ST. AT C.N. TRACKS	714	2.6	3	6	7	7	3	5	5	6
61201R	CORNWALL, ONT.										
	MEMORIAL PARK	719	1.2	1	3	5	8	1	2	4	4
61301C	ST. CATHARINES, ONT.										
	NORTH ST. & GENEVA ST.	341	---	3	4	5	6	3	3	4	4
61501C	KITCHENER, ONT.										
	EDNA & FREDERICK	737	3.6	5	7	8	8	4	6	6	6
61602R	OAKVILLE, ONT.										
	BRONTE AND WOBURN CRES.	717	1.8	2	4	5	7	2	3	4	4
61701R	OSHAWA, ONT.										
	RITSON RD. & OLIVE AVE.	703	2.7	4	5	7	8	4	5	5	6
70118R	WINNIPEG, MAN.										
70119C	JEFFERSON & SCOTIA	0	---	-	-	-	-	-	-	-	-
	65 ELLEN STREET	274	---	2	3	4	8	2	3	3	3
80109C	REGINA, SASK.										
	1620 ALBERT STREET	0	---	-	-	-	-	-	-	-	-
90122R	EDMONTON, ALTA.										
90130C	127 ST. & 133 AVENUE	722	2.1	3	5	6	8	3	3	4	4
	10255 - 104TH STREET	725	2.9	4	5	6	7	3	4	4	4
90222R	CALGARY, ALTA.										
90227C	39 ST. & 29 AVE. N.W.	646	1.4	2	4	6	8	2	2	3	3
	1611-4TH STREET S.W.	704	4.1	5	6	7	11	4	5	6	6

*** 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.

82 - 70

NITROGEN DIOXIDE
PARTS PER HUNDRED MILLION

MAY - MAI
1982

DIOXYDE D'AZOTE
PARTIES PAR CENT MILLIONS

STATION	LOCATION EMPLACEMENT	NUMBER OF HOURLY SAMPLES NOMBRE DE DONNEES HORAIRES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS - CENTILES -				DISTRIBUTIONS DES FREQUENCES			
				INTERVALS - INTERVALLES				MEANS ---- MOYENNES			
				1-HOUR / HEURE				24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX
	VANCOUVER, B.C.										
00106R	2294 WEST 10TH AVENUE	722	2.7	3	5	5	6	3	4	4	4
00108I	250 WEST 70TH AVENUE	727	1.8	2	3	4	5	2	3	3	3
00110R	E. HASTINGS & KENSINGTON	385	1.9	2	4	5	6	2	3	3	3
00111I	ROCKY PT. PARK	712	1.7	2	3	5	7	2	3	3	3
00112C	ROBSON/HORNBY	50	---	4	6	6	6	4	4	4	4
	VICTORIA, B.C.										
00302C	1106 COOK 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 MILLION		MAY - MAI 1982		OZONE PARTIES PAR CENT MILLIONS									
STATION	LOCATION EMPLACEMENT	NUMBER OF HOURLY SAMPLES NOMBRE DE DONNEES HORAIRES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS - CENTILES -				DISTRIBUTIONS DES FREQUENCES					
				INTERVALS - INTERVALLES				MEANS - MOYENNES					
				1-HOUR / HEURE				24-HOUR / HEURES					
				70	95	99	MAX	70	95	99	MAX		
30115I	HALIFAX, N.S.	452	3.2	4	5	6	6	4	5	5	6		
30116C	CFB SHEARWATER BARRINGTON & DUKE	84	---	1	2	2	2	1	1	1	1		
40202C	SAINT JOHN, N.B. POST OFFICE	744	1.2	2	3	3	4	2	2	2	2		
50102R	MONTREAL, QUEBEC JARDIN BOTANIQUE	741	2.9	4	6	8	10	3	5	5	6		
50103R	POINTE-AUX-TREMBLES	625	3.3	4	7	9	11	4	5	7	7		
50104C	1125 ONTARIO EST	734	2.1	3	5	7	8	2	4	5	5		
50108R	1700 BOURASSA, LONGUEUIL	705	2.6	3	6	8	9	3	5	6	6		
50109C	DUNCAN & DECARIE	715	2.5	3	6	8	9	3	4	5	5		
50110C	PARC PILON, MTL.-NORD	678	2.2	3	6	8	9	3	4	5	6		
50112C	BOUL. LAURENTIDES	0	---	-	-	-	-	-	-	-	-		
50113R	PIE X & CARDINAL	729	2.5	3	5	7	9	3	4	5	5		
50115C	METCALFE & MAISONNEUVE	0	---	-	-	-	-	-	-	-	-		
50116R	3161 JOSEPH, VERDUN	744	2.5	4	7	9	10	3	5	7	7		
50304C	QUEBEC, QUEBEC 325 DORCHESTER SUD	685	1.6	2	3	5	6	2	3	3	4		
50306R	2026 BLVD. ST-CYRILLE	727	3.7	4	8	10	11	4	6	6	7		
60101C	OTTAWA, ONT. 88 SLATER ST.	744	1.8	2	4	5	6	2	3	3	3		
60104C	RIDEAU & WURTEMBERG	714	2.6	3	5	6	7	3	4	4	4		
60105R	NRC, MONTREAL ROAD	741	2.3	3	5	6	7	3	3	4	4		
60204C	WINDSOR, ONT. 471 UNIVERSITY AVENUE	529	3.4	5	7	8	9	4	5	5	5		
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	723	2.1	3	5	6	7	2	4	4	4		
60403I	EVANS & ARNOLD	726	1.8	2	4	6	7	2	3	3	3		
60410R	LAWRENCE & KENNEDY	685	2.2	3	5	7	7	3	4	4	5		
60413R	ELMCREST ROAD	719	1.8	3	5	6	8	2	3	4	4		
60414I	SHERBOURNE & WILTON ST.	727	1.6	2	4	5	7	2	3	4	4		
60415R	QUEENSWAY W & HURONTARIO	733	1.8	3	4	6	7	2	3	4	4		
60417C	26 BREADALBANE	673	2.1	3	5	6	7	2	3	4	4		
60501C	HAMILTON, ONT. BARTON & SANFORD	714	1.8	2	5	6	7	2	4	4	4		
60602R	SUDSBURY, ONT. ASH STREET	731	2.6	3	5	6	9	3	4	5	6		
60806R	THUNDER BAY, ONT. 435 JAMES S.	733	1.9	2	4	5	7	2	3	4	4		
60901C	LONDON, ONT. KING & RECTORY	709	3.4	4	7	8	9	4	5	6	6		
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	715	3.2	4	6	8	10	4	5	5	5		
61201R	CORNWALL, ONT. MEMORIAL PARK	715	2.6	3	5	7	9	3	4	6	6		
61301C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	705	2.4	3	6	8	8	3	4	6	6		
61501C	KITCHENER, ONT. EDNA & FREDERICK	736	2.6	3	6	8	9	3	5	6	6		
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	733	2.2	3	5	6	7	2	3	4	4		
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	707	2.2	3	5	6	7	3	4	5	5		
70118R	WINNIPEG, MAN. JEFFERSON & SCOTIA	209	---	2	4	6	6	2	2	3	3		
70119C	65 ELLEN STREET	527	1.8	2	5	7	8	3	4	5	5		
80109C	REGINA, SASK. 1620 ALBERT STREET	556	2.2	3	4	5	5	3	3	4	4		
90122R	EDMONTON, ALTA. 127 ST. & 133 AVENUE	713	3.5	5	6	7	7	4	5	5	6		
90130C	10255 - 104TH STREET	713	2.6	3	5	5	6	3	4	4	4		
90222R	CALGARY, ALTA. 39 ST. & 29 AVE. N.W.	666	3.5	5	6	6	8	4	5	5	5		
90227C	1611-4TH STREET S.W.	712	2.2	3	5	5	6	3	4	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
1982

OZONE
PARTIES PAR CENT MILLIONS

STATION	LOCATION EMPLACEMENT	NUMBER OF HOURLY SAMPLES NOMBRE DE DONNEES HORAIRES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS - CENTILES -				DISTRIBUTIONS DES FREQUENCES			
				INTERVALS - INTERVALLES				MEANS, ---- MOYENNES			
				1-HOUR / HEURE				24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX
VANCOUVER, B.C.											
00106R	2294 WEST 10TH AVENUE	714	2.0	3	5	6	7	2	3	3	4
00108I	250 WEST 70TH AVENUE	634	2.1	3	4	5	6	2	3	3	4
00110R	E. HASTINGS & KENSINGTON	732	1.7	2	4	5	6	2	3	4	4
00111I	ROCKY PT. PARK	675	2.8	4	6	8	13	3	4	4	4
00112C	ROBSON/HORNBY	156	---	2	4	5	5	1	3	3	3
VICTORIA, B.C.											
00302C	1106 COOK ST.	691	2.4	3	4	5	5	3	3	4	4

--- 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
1982

INDICE DE SOUILLURE
UNITES COH PAR 1000 PIEDS LINEAIRES

STATION	LOCATION EMPLACEMENT	NUMBER OF SAMPLES NOMBRE DE DONNEES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS				DISTRIBUTIONS DES FREQUENCES			
				INTERVALS - INTERVALLES				MEANS - MOYENNES			
				2-HOUR / HEURES				24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX
MONTREAL, QUEBEC											
50101R	PARC JARRY	348	****	0.1	0.2	0.2	0.5	0.1	0.1	0.2	0.2
50103R	POINTE-AUX-TREMBLES	368	0.18	0.2	0.4	0.5	1.3	0.2	0.3	0.4	0.4
50104C	1125 ONTARIO EST	354	0.24	0.3	0.5	0.8	1.4	0.3	0.5	0.7	0.8
50105C	1212 DRUMMOND	363	0.19	0.2	0.3	0.5	0.8	0.2	0.3	0.4	0.4
50106R	VILLE ST-LAURENT	44	-----	0.1	0.4	0.6	0.6	0.1	0.3	0.3	0.3
50109C	DUNCAN & DECARIE	362	0.31	0.4	0.9	1.2	1.5	0.4	0.8	0.9	0.9
50110C	PARC PILON, MTL.-NORD	371	0.31	0.4	0.8	1.4	2.6	0.3	0.6	1.1	1.1
50115C	METCALFE & MAISONNEUVE	0	----	-	-	-	-	-	-	-	-
50116R	3161 JOSEPH, VERDUN	372	0.14	0.2	0.3	0.4	0.7	0.2	0.3	0.3	0.3
HULL, QUEBEC											
50203R	GAMBLIN & JOFFRE	371	0.14	0.2	0.5	0.6	0.9	0.2	0.3	0.3	0.4
QUEBEC, QUEBEC											
50303I	CENTRE LOISIRS LIMOILLOU	0	----	-	-	-	-	-	-	-	-
TROIS-RIVIERES, QUEBEC											
50801R	HART & STE-CECILE	371	0.17	0.2	0.4	0.5	1.0	0.2	0.3	0.3	0.3
SHAWINIGAN, QUEBEC											
51201I	FRIGON & LAVAL	355	0.26	0.3	0.8	1.3	2.1	0.3	0.5	0.7	0.8
OTTAWA, ONT.											
60101C	88 SLATER ST.	371	0.20	0.3	0.6	1.0	1.4	0.3	0.4	0.5	0.5
60103C	GILMOUR STREET	126	----	0.3	0.6	0.8	0.9	0.2	0.4	0.4	0.4
60104C	RIDEAU & WURTEMBURG	705 (1)	****	0.0	0.2	0.4	0.9	0.0	0.2	0.4	0.4
WINDSOR, ONT.											
60204C	471 UNIVERSITY AVENUE	721 (1)	0.43	0.5	0.9	2.0	2.3	0.5	0.7	1.3	1.4
60211R	COLLEGE & PRINCE	594 (1)	0.44	0.5	1.1	1.6	2.1	0.5	0.8	1.0	1.0
TORONTO, ONT.											
60402R	DON MILLS, SCIENCE CNTR	371	0.13	0.2	0.5	0.7	1.3	0.2	0.3	0.3	0.3
60403I	EVANS & ARNOLD	729 (1)	****	0.0	0.1	0.2	0.6	0.0	0.1	0.1	0.2
60409R	REDLANDS CRESCENT	346	0.17	0.2	0.6	0.8	0.8	0.2	0.3	0.3	0.4
60410R	LAWRENCE & KENNEDY	731 (1)	0.33	0.4	0.8	1.1	1.3	0.4	0.7	0.9	0.9
60412R	BATHURST & WILSON	729 (1)	0.70	0.9	1.6	2.0	2.4	1.0	1.3	1.5	1.5
60413R	ELMCREST ROAD	727 (1)	0.42	0.5	1.0	1.6	1.7	0.5	0.8	1.0	1.0
60414I	SHERBOURNE & WILTON ST.	731 (1)	0.57	0.7	1.3	1.8	2.0	0.7	1.1	1.3	1.3
60415R	QUEENSWAY W & HURONTARIO	370	0.20	0.2	0.6	0.8	1.6	0.2	0.4	0.6	0.6
60417C	26 BREADALBANE	718 (1)	0.45	0.5	1.1	1.5	1.9	0.5	0.9	1.0	1.1
HAMILTON, ONT.											
60501C	BARTON & SANFORD	709 (1)	0.92	1.2	1.9	2.3	2.5	1.2	1.5	1.7	1.8
60505R	NORTH PARK	701 (1)	0.28	0.3	1.0	1.5	2.0	0.4	0.8	1.1	1.1
SUDBURY, ONT.											
60602R	ASH STREET	732 (1)	0.11	0.2	0.3	0.6	0.7	0.2	0.2	0.3	0.3
THUNDER BAY, ONT.											
60806R	435 JAMES S.	371	0.17	0.2	0.6	0.8	1.0	0.2	0.3	0.3	0.3
LONDON, ONT.											
60901C	KING & RECTORY	718 (1)	0.30	0.4	0.6	0.8	1.0	0.4	0.5	0.6	0.6
60902C	372 DUNDAS	370	0.27	0.4	0.6	0.8	1.0	0.3	0.4	0.5	0.5
SARNIA, ONT.											
61004R	FRONT ST. AT C.N. TRACKS	679 (1)	0.32	0.4	0.7	1.0	1.2	0.4	0.6	0.7	0.7
PETERBOROUGH, ONT.											
61103C	500 GEORGE STREET	371	0.18	0.3	0.5	0.9	1.2	0.2	0.4	0.4	0.5
CORNWALL, ONT.											
61201R	MEMORIAL PARK	696 (1)	0.12	0.2	0.4	0.7	1.1	0.1	0.3	0.5	0.5
ST. CATHARINES, ONT.											
61301C	NORTH ST. & GENEVA ST.	709 (1)	0.36	0.4	0.8	1.1	1.2	0.4	0.6	0.7	0.8
KITCHENER, ONT.											
61501C	EDNA & FREDERICK	265	0.38	0.6	1.0	1.4	1.8	0.5	0.6	0.7	0.8
OAKVILLE, ONT.											
61602R	BRONTE AND WOBURN CRES.	721 (1)	0.39	0.5	1.0	1.3	1.6	0.5	0.8	0.9	0.9
OSHAWA, ONT.											
61701R	RITSON RD. & OLIVE AVE.	717 (1)	0.43	0.6	1.0	1.4	1.8	0.6	0.9	1.0	1.0
GUELPH, ONT.											
61801C	FARQUHAR & WYNDHAM	366	0.18	0.2	0.6	0.8	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.

SOILING INDEX
COH UNITS PER 1000 LINEAR FT.

MAY - MAI
1982

INDICE DE SOUILLURE
UNITES COH PAR 1000 PIEDS LINEAIRES

STATION	LOCATION EMPLACEMENT	NUMBER OF SAMPLES NOMBRE DE DONNEES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS -----				DISTRIBUTIONS DES FREQUENCES			
				INTERVALS -		INTERVALLES		MEANS -----		MOYENNES	
				2-HOUR /		HEURES		24-HOUR /		HEURES	
				70	95	99	MAX	70	95	99	MAX
WINNIPEG, MAN.											
70118R	JEFFERSON & SCOTIA	335	****	0.1	0.2	0.3	0.5	0.1	0.1	0.2	0.2
70119C	65 ELLEN STREET	244	****	0.1	0.2	0.2	0.3	0.1	0.1	0.2	0.2
70120R	604 ST. MARY'S RD.	307	****	0.1	0.2	0.3	0.7	0.1	0.1	0.2	0.2
SASKATOON, SASK.											
80209C	IDYLWYLD DR. & 33RD ST.	0	----	-	-	-	-	-	-	-	-
EDMONTON, ALTA.											
90122R	127 ST. & 133 AVENUE	741	(1) 0.15	0.2	0.4	0.7	1.0	0.2	0.3	0.3	0.3
90130C	10255 - 104TH STREET	744	(1) 0.16	0.2	0.4	0.5	1.0	0.2	0.3	0.3	0.3
CALGARY, ALTA.											
90218I	BONNY BRK & 18A ST. S.E.	743	(1) 0.28	0.3	0.6	1.1	1.5	0.3	0.5	0.5	0.5
90222R	39 ST. & 29 AVE. N.W.	681	(1) 0.12	0.2	0.4	0.6	0.8	0.1	0.2	0.3	0.3
90227C	1611-4TH STREET S.W.	740	(1) 0.36	0.4	0.8	1.5	2.7	0.4	0.6	0.7	0.7
VANCOUVER, B.C.											
00102R	100 RICHMOND STREET	351	0.11	0.2	0.4	0.4	0.6	0.1	0.2	0.3	0.3
00106R	2294 WEST 10TH AVENUE	371	0.13	0.2	0.4	0.6	0.7	0.2	0.2	0.3	0.3
00108I	250 WEST 70TH AVENUE	324	0.16	0.2	0.4	0.7	0.8	0.2	0.3	0.3	0.3
00110R	E. HASTINGS & KENSINGTON	0	----	-	-	-	-	-	-	-	-
00111I	ROCKY PT. PARK	161	----	0.3	0.5	0.8	0.9	0.2	0.3	0.4	0.4
00112C	ROBSON/HORNEY	142	----	0.3	0.6	0.8	0.9	0.3	0.3	0.4	0.4
PRINCE GEORGE, B.C.											
00202C	1011 4TH AVENUE	0	----	-	-	-	-	-	-	-	-
VICTORIA, B.C.											
00302C	1106 COOK ST.	370	0.18	0.3	0.5	0.7	0.9	0.2	0.3	0.3	0.3
WHITEHORSE, YUKON											
09001C	FEDERAL BUILDING	292	0.25	0.4	0.8	1.0	1.3	0.3	0.4	0.5	0.6

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

**** CALCULATED MEANS ARE BELOW 0.1
LES MOYENNES SONT INFÉRIEURES À 0.1

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

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

STATION	LOCATION EMPLACEMENT	*----- PARTICULATES / PARTICULES -----*					MEAN MOYENNE	*----- LEAD / PLOMB -----*					MEAN MOYENNE
		----- DAY / JOUR -----						*----- DAY / JOUR -----*					
		5	11	17	23	29		5	11	17	23	29	
10101C	ST. JOHN'S, NFLD. DUCKWORTH & ORDINANCE	20	29	-	36	31	29	0.1	0.2	-	0.2	0.1	0.1
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	-	-	-	-	42	-	-	-	-	-	0.1	-
30101C	HALIFAX, N.S.												
30102R	N.S. TECHNICAL COLLEGE	48	47	41	57	-	48	0.2	0.1	0.2	0.1	-	0.1
30102R	DALHOUSIE UNIVERSITY	-	36	24	24	22	27	-	0.1	0.1	0.1	0.1	0.1
30114R	MT ST VINCENT UNIVERSITY	15	17	18	-	28	20	0.1	0.1	0.1	-	0.1	0.1
30115I	CFB SHEARWATER	23	18	17	19	-	19	0.1	0.0	0.1	0.0	-	0.1
30310C	SYDNEY, N.S.												
30310C	COUNTY JAIL	27	36	52	44	66	45	0.1	0.1	0.1	0.2	0.2	0.1
30311R	WHITNEY PIER FIRE STN.	45	31	54	49	141	64	0.6	0.1	0.4	0.2	0.3	0.3
30408R	GLACE BAY, N.S. SOUTH STREET	-	-	-	85	85	-	-	-	-	0.1	0.1	-
40102C	FREDERICTON, N.B. YORK STREET	79	84	35	39	54	58	0.3	0.2	0.2	0.2	0.2	0.2
40201C	SAINT JOHN, N.B. 110 CHARLOTTE STREET	88	103	-	-	-	-	0.2	0.2	-	-	-	-
40301C	MONCTON, N.B. 774 MAIN STREET	-	-	-	-	-	-	-	-	-	-	-	-
50102R	MONTREAL, QUEBEC												
50102R	JARDIN BOTANIQUE	54	40	46	44	50	47	0.1	0.1	0.1	0.1	0.2	0.1
50103R	POINTE-AUX-TREMBLES	78	62	76	40	59	63	-	-	-	-	-	-
50104C	1125 ONTARIO EST	108	50	66	44	57	65	0.7	0.2	0.3	0.1	0.4	0.3
50105C	1212 DRUMMOND	88	55	95	48	53	68	-	-	-	-	-	-
50106R	VILLE ST-LAURENT	-	-	-	-	-	-	-	-	-	-	-	-
50108R	1700 BOURASSA, LONGUEUIL	50	29	42	35	41	39	0.3	0.1	0.2	0.1	0.1	0.2
50109C	DUNCAN & DECARIE	200	46	106	56	45	91	1.6	0.2	0.8	0.2	0.5	0.7
50110C	PARC PILON, MTL.-NORD	63	36	90	53	59	60	-	-	-	-	-	-
50112C	BOUL. LAURENTIDES	123	58	65	50	52	70	0.6	0.2	0.2	0.2	0.3	0.3
50113R	PIE X & CARDINAL	55	43	60	43	46	49	0.2	0.1	0.3	0.1	0.2	0.2
50115C	METCALPE & MAISONNEUVE	-	-	-	-	-	-	-	-	-	-	-	-
50116R	3161 JOSEPH, VERDUN	97	39	74	28	26	53	-	0.2	0.5	0.1	0.2	0.3
50203R	HULL, QUEBEC GAMBLIN & JOFFRE	57	63	53	35	46	51	0.2	0.3	0.2	0.2	0.3	0.2
50303I	QUEBEC, QUEBEC CENTRE LOISIRS LIMOILLOU	102	101	65	47	-	79	0.4	0.2	0.2	0.4	-	0.3
50306R	2026 BLVD. ST-CYRILLE	94	24	22	32	78	50	0.4	0.1	0.1	0.2	0.2	0.2
50402R	SHERBROOKE, QUEBEC CASERNE DE POMPIERS #5	-	-	-	-	-	-	-	-	-	-	-	-
50403C	WELLINGTON & ALBERT	-	-	-	-	-	-	-	-	-	-	-	-
50502R	CHICOUTIMI, QUEBEC USINE DE FILTRATION	77	19	79	30	89	59	0.2	-	0.1	0.1	0.3	0.2
50503C	222 RACINE	168	59	102	102	143	115	0.7	0.2	0.3	0.4	0.4	0.4
50601C	ROUYN, QUEBEC HOTEL DE VILLE	105	68	48	30	37	58	0.3	0.2	0.2	0.1	0.2	0.2
50701C	SEPT-ILES, QUEBEC HOTEL DE VILLE	104	30	40	16	54	49	0.2	-	0.1	-	0.1	0.1
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	120	80	-	85	138	106	0.5	0.3	-	0.2	0.3	0.3
50901R	ARVIDA, QUEBEC POWELL & HOOPES	87	-	43	74	138	86	0.3	-	0.1	0.3	0.6	0.3
51002R	TRACY, QUEBEC GARNEAU & RTE 132	75	-	97	86	102	90	0.2	-	0.2	0.1	0.4	0.2
51101C	THETFORD MINES, QUEBEC BOUL. STE-MARTHE	62	27	45	30	35	40	0.2	0.1	0.2	0.1	0.1	0.1
51201I	SHAWINIGAN, QUEBEC FRIGON & LAVAL	-	191	156	126	231	176	-	0.2	0.2	0.1	0.4	0.2
51301R	BAIE COMEAU, QUEBEC 39 AVE. MARGUETTE	63	25	-	25	35	37	0.2	-	-	0.1	-	-
60101C	OTTAWA, ONT. 88 SLATER ST.	95	79	70	41	57	68	0.4	0.4	0.2	0.2	0.4	0.3
60104C	RIDEAU & WURTEMBERG	-	-	76	44	-	-	-	-	0.1	0.1	-	-
60105R	NRC, MONTREAL ROAD	69	45	57	45	21	47	0.2	0.2	0.1	0.1	0.2	0.2
60201I	WINDSOR, ONT. MORTON TERMINAL DOCK	119	108	100	41	52	84	0.0	0.2	0.3	0.1	0.3	0.2
60202C	CITY HALL	125	124	324	118	79	154	0.3	0.4	0.5	0.2	-	0.4
60203R	TECUMSEH WATER WORKS	140	121	103	44	64	94	0.0	0.2	0.3	0.2	0.9	0.3
60204C	471 UNIVERSITY AVENUE	81	-	111	47	74	78	0.1	-	0.4	0.2	1.0	0.4

SUSPENDED PARTICULATE MATTER AND LEAD
MICROGRAMS PER CUBIC METRE

MAY - MAY
1982

PLOMB ET PARTICULES EN SUSPENSION
MICROGRAMMES PAR METRE CUBE

STATION	LOCATION EMPLACEMENT	*----- PARTICULATES / PARTICULES -----*					MEAN MOYENNE	*----- LEAD / PLOMB -----*					MEAN MOYENNE
		----- DAY / JOUR -----						*----- DAY / JOUR -----*					
		5	11	17	23	29		5	11	17	23	29	
60301R	KINGSTON, ONT. QUEEN'S UNIVERSITY	34	86	43	22	34	44	0.1	0.2	0.1	0.1	0.1	0.1
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	75	59	29	23	36	44	0.4	0.3	0.2	0.1	0.3	0.3
60403I	EVANS & ARNOLD	148	137	83	53	72	99	0.7	0.8	0.6	0.5	0.6	0.6
60409R	REDLANDS CRESCENT	81	50	69	43	28	54	0.0	0.0	0.0	0.0	0.0	0.0
60410R	LAWRENCE & KENNEDY	-	59	34	31	42	42	-	0.2	0.1	0.1	0.2	0.2
60412R	BATHURST & WILSON	131	94	25	38	86	75	1.5	1.3	1.1	0.7	1.5	1.2
60413R	ELMCREST ROAD	136	52	82	44	74	78	0.9	0.2	0.5	0.2	0.4	0.4
60414I	SHERBOURNE & WILTON ST.	230	162	148	44	93	135	0.9	1.0	0.7	0.2	0.6	0.7
60415R	QUEENSWAY W & HURONTARIO	-	124	96	48	47	79	-	0.6	0.3	0.0	0.1	0.3
60417C	26 BREADALBANE	104	106	86	33	68	79	0.3	0.5	0.3	0.1	0.4	0.3
60501C	HAMILTON, ONT. BARTON & SANFORD	-	269	174	94	325	216	-	0.9	0.4	-	-	-
60503I	CHATHAM & FRID	308	216	164	58	49	159	1.6	0.8	0.6	0.0	0.7	0.7
60505R	NORTH PARK	78	99	69	27	44	63	0.1	0.2	0.1	0.0	0.1	0.1
60602R	SUDBURY, ONT. ASH STREET	76	61	-	36	44	54	0.2	0.1	-	0.2	0.1	0.2
60605C	19 LISGAR STREET	-	90	-	37	49	59	-	0.4	-	0.2	0.3	0.3
60705R	SAULT STE. MARIE, ONT. 550 QUEEN STREET WEST	-	128	148	91	96	116	-	0.0	0.0	0.0	0.0	0.0
60801C	THUNDER BAY, ONT. 14 ALGOMA STREET	96	51	42	43	94	65	0.2	0.2	0.1	0.1	0.2	0.2
60806R	435 JAMES S.	-	31	25	52	66	44	-	0.2	0.0	0.2	0.2	0.2
60901C	LONDON, ONT. KING & RECTORY	155	106	94	52	65	94	0.3	0.2	0.3	0.1	0.5	0.3
60902C	372 DUNDAS	-	94	70	35	39	60	-	0.2	0.2	0.0	0.2	0.2
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	154	105	116	-	53	107	0.2	0.2	0.2	-	0.3	0.2
61103C	PETERBOROUGH, ONT. 500 GEORGE STREET	101	-	-	-	47	-	0.4	-	-	-	-	-
61201R	CORNWALL, ONT. MEMORIAL PARK	-	-	-	-	-	-	-	-	-	-	-	-
61301C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	129	45	86	33	54	69	0.3	0.1	0.3	0.3	0.3	0.3
61501C	KITCHENER, ONT. EDNA & FREDERICK	140	104	67	32	81	85	1.0	0.9	1.0	0.4	1.4	0.9
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	91	68	45	-	61	66	0.2	0.2	0.0	-	0.1	0.1
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	115	77	89	35	71	77	0.5	0.3	0.3	0.0	0.5	0.3
61801C	GUELPH, ONT. FARQUHAR & WYNDHAM	81	81	45	25	40	54	0.2	0.1	0.0	0.0	0.0	0.1
70102R	WINNIPEG, MAN. PORTAGE & WOODLAWN	137	68	48	75	61	78	0.2	0.4	0.2	0.1	0.5	0.3
70104I	UNION STOCK YARDS	125	44	33	73	-	69	0.1	0.2	0.1	0.1	-	0.1
70118R	JEFFERSON & SCOTIA	85	11	18	54	37	41	0.1	0.1	0.1	0.1	0.2	0.1
70119C	65 ELLEN STREET	133	53	71	111	57	85	0.2	0.2	0.3	0.2	0.3	0.2
70120R	604 ST. MARY'S RD.	107	43	41	96	53	68	0.1	0.2	0.2	0.1	0.2	0.2
70201C	BRANDON, MAN. 11TH ST. & PRINCESS AVE.	-	72	32	43	34	45	-	0.2	0.1	0.1	0.0	0.1
80102R	REGINA, SASK. 3211 ALBERT STREET	28	36	35	28	14	28	0.1	0.2	0.2	0.1	0.1	0.1
80108C	12TH AVE. & SMITH ST.	46	94	-	52	25	54	0.2	0.3	-	0.1	0.3	0.2
80109C	1620 ALBERT STREET	39	120	93	34	38	65	0.1	0.5	0.7	0.1	0.4	0.4
80203R	SASKATOON, SASK. 30TH ST. & 833 P AVE.	119	115	72	55	35	79	0.1	0.2	0.2	0.1	0.2	0.2
80209C	IDYLWYLD DR. & 33RD ST.	72	132	82	-	-	95	0.2	0.1	0.1	-	-	0.1
80301C	MOOSE JAW, SASK. FAIRFORD ST. & 1ST AVE.	74	87	38	60	14	55	0.1	0.2	0.1	0.1	0.2	0.1
80401C	PRINCE ALBERT, SASK. 1257-1ST AVE. EAST	-	-	-	82	23	-	-	-	-	0.1	0.1	-
90121I	EDMONTON, ALTA. 17 STREET & 105 AVENUE	43	102	117	-	101	91	-	-	-	-	-	-
90122R	127 ST. & 133 AVENUE	52	131	95	53	71	80	-	-	-	-	-	-
90130C	10255 - 104TH STREET	144	90	134	43	86	99	-	-	-	-	-	-
90204C	CALGARY, ALTA. 316-7TH AVENUE	107	321	258	54	72	162	-	-	-	-	-	-
90218I	BONNY BRK & 18A ST. S.E.	100	176	186	40	92	119	-	-	-	-	-	-
90222R	39 ST. & 29 AVE. N.W.	50	120	94	28	33	65	-	-	-	-	-	-

SUSPENDED PARTICULATE MATTER AND LEAD
MICROGRAMS PER CUBIC METRE

MAY - MAI
1982

PLOMB ET PARTICULES EN SUSPENSION
MICROGRAMMES PAR METRE CUBE

STATION	LOCATION EMPLACEMENT	*----- PARTICULATES / PARTICULES -----*						*----- LEAD / PLOMB -----*					
		----- DAY / JOUR -----					MEAN MOYENNE	*----- DAY / JOUR -----*					MEAN MOYENNE
		5	11	17	23	29		5	11	17	23	29	
90301C	RED DEER, ALTA. 4747 50TH STREET	92	99	87	-	75	88	-	-	-	-	-	-
90501C	LETHBRIDGE, ALTA. 13 ST. & 9 AVENUE S.	70	49	55	67	-	60	-	-	-	-	-	-
99001C	YELLOWKNIFE, N.W.T. 50TH AVE. & 49TH STREET	54	199	202	65	124	129	0.1	0.2	0.3	0.1	0.2	0.2
	VANCOUVER, B.C.												
00102R	100 RICHMOND STREET	61	57	40	35	72	53	0.4	0.4	0.3	0.4	0.5	0.4
00104R	27TH & ONTARIO	49	45	26	34	47	40	0.4	0.2	0.4	0.4	0.4	0.4
00106R	2294 WEST 10TH AVENUE	48	48	-	33	38	42	0.4	0.3	-	0.3	0.4	0.4
00108I	250 WEST 70TH AVENUE	84	75	45	51	62	63	0.6	0.4	0.4	0.4	0.5	0.4
00109C	970 BURRARD	70	72	52	47	56	59	0.8	0.5	0.6	0.5	0.6	0.6
00110R	E. HASTINGS & KENSINGTON	51	55	24	31	48	42	0.5	0.3	0.3	0.3	0.3	0.3
00111I	ROCKY PT. PARK	47	40	-	-	-	-	0.4	0.3	-	-	-	-
00113I	ANNACIS ISLAND, DELTA	65	39	-	48	60	53	0.3	0.1	-	0.3	0.3	0.2
00114C	MUNICIPAL HALL, RICHMOND	53	62	33	35	48	46	0.5	0.4	0.4	0.4	0.5	0.4
00115R	NEWTON ELEM. SCH., SURREY	-	-	-	-	-	-	-	-	-	-	-	-
00116R	FIRE HALL, N. VANCOUVER	51	42	24	37	44	40	0.5	0.4	0.4	0.4	0.4	0.4
00117R	BCIT BURNABY	54	50	24	36	41	41	0.8	0.4	0.3	0.4	0.6	0.5
00202C	PRINCE GEORGE, B.C. 1011 4TH AVENUE	50	37	107	23	146	73	0.1	0.1	0.2	0.1	0.3	0.2
00302C	VICTORIA, B.C. 1106 COOK ST.	58	-	29	29	40	39	0.5	-	0.2	0.2	0.4	0.3
00401C	KAMLOOPS, B.C. 301 SEYMOUR ST.	104	79	96	45	73	79	0.6	0.3	0.9	0.2	0.5	0.5
09001C	WHITEHORSE, YUKON FEDERAL BUILDING	88	39	53	50	114	69	0.2	0.1	0.2	0.1	0.2	0.2

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

MAY - MAI
1982

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

STATION	LOCATION EMPLACEMENT	*----- DAY / JOUR -----*				
		5	11	17	23	29
10101C	ST. JOHN'S, NFLD. DUCKWORTH & ORDINANCE	-	-	-	-	-
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	-	-	-	-	-
30114R	HALIFAX, N.S. MT ST VINCENT UNIVERSITY	-	0	0	-	1
30115I	CFB SHEARWATER	1	0	0	0	-
30310C	SYDNEY, N.S. COUNTY JAIL	0	0	1	0	0
30311R	WHITNEY PIER FIRE STN.	-	-	-	-	-
30408R	GLACE BAY, N.S. SOUTH STREET	-	-	-	1	3
50102R	MONTREAL, QUEBEC JARDIN BOTANIQUE	-	0	1	0	0
50103R	POINTE-AUX-TREMBLES	3	0	1	0	0
50104C	1125 ONTARIO EST	2	0	0	-	-
50105C	1212 DRUMMOND	3	0	3	-	0
50106R	VILLE ST-LAURENT	-	-	-	-	-
50108R	1700 BOURASSA, LONGUEUIL	-	0	0	0	1
50109C	DUNCAN & DECARIE	5	1	1	0	0
50110C	PARC PILON, MTL.-NORD	1	-	2	1	1
50112C	BOUL. LAURENTIDES	2	2	0	1	0
50113R	PIE X & CARDINAL	0	0	0	0	0
50115C	METCALFE & MAISONNEUVE	-	-	-	-	-
50116R	3161 JOSEPH, VERDUN	1	0	0	0	0
50203R	HULL, QUEBEC GAMELIN & JOFFRE	1	1	0	0	0
50303I	QUEBEC, QUEBEC CENTRE LOISIRS LIMOILLOU	10	-	5	5	-
50306R	2026 BLVD. ST-CYRILLE	0	0	0	0	0
50601C	ROUYN, QUEBEC HOTEL DE VILLE	0	0	0	0	0
50701C	SEPT-ILES, QUEBEC HOTEL DE VILLE	0	0	0	0	0
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	3	3	-	3	4
50901R	ARVIDA, QUEBEC POWELL & HOOPES	0	-	0	-	-
51201I	SHAWINIGAN, QUEBEC FRIGON & LAVAL	-	31	13	8	12
51301R	BAIE COMEAU, QUEBEC 39 AVE. MARGUETTE	5	0	-	1	1
60101C	OTTAWA, ONT. 88 SLATER ST.	2	1	1	0	0
60104C	RIDEAU & WURTEMBERG	-	-	-	1	-
60105R	NRC, MONTREAL ROAD	1	0	0	0	0
60201I	WINDSOR, ONT. MORTON TERMINAL DOCK	3	2	1	0	0
60204C	471 UNIVERSITY AVENUE	2	-	1	0	1
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	3	2	1	1	1
60403I	EVANS & ARNOLD	3	1	0	0	0
60409R	REDLANDS CRESCENT	0	0	0	0	0
60410R	LAWRENCE & KENNEDY	-	0	0	0	0
60412R	BATHURST & WILSON	6	3	0	0	2
60413R	ELMCREST ROAD	6	2	0	0	2
60414I	SHERBOURNE & WILTON ST.	3	1	0	0	0
60415R	QUEENSWAY W & HURONTARIO	-	4	2	0	0
60417C	26 BREADALBANE	-	2	1	0	0
60501C	HAMILTON, ONT. BARTON & SANFORD	-	17	13	5	29
60505R	NORTH PARK	0	1	0	0	0
60602R	SUDBURY, ONT. ASH STREET	2	1	-	2	1
60806R	THUNDER BAY, ONT. 435 JAMES S.	-	0	0	0	0
60901C	LONDON, ONT. KING & RECTORY	2	2	0	0	0

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

MAY - MAI
1982

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

STATION	LOCATION EMPLACEMENT	*----- DAY / JOUR -----*				
		5	11	17	23	29
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	7	8	1	-	1
61103C	PETERBOROUGH, ONT. 500 GEORGE STREET	0	-	-	-	0
61201R	CORNWALL, ONT. MEMORIAL PARK	-	-	-	-	-
61301C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	1	1	0	0	0
61501C	KITCHENER, ONT. EDNA & FREDERICK	1	0	0	0	1
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	1	0	0	-	0
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	2	-	0	0	0
61801C	GUELPH, ONT. FARQUHAR & WYNDHAM	2	0	0	0	0
70118R	WINNIPEG, MAN. JEFFERSON & SCOTIA	0	0	0	1	0
70119C	65 ELLEN STREET	0	0	-	0	-
70120R	604 ST. MARY'S RD.	-	-	-	0	0
80109C	REGINA, SASK. 1620 ALBERT STREET	-	-	-	-	-
80209C	SASKATOON, SASK. IDYLWYLD DR. & 33RD ST.	-	-	-	-	-
80301C	MOOSE JAW, SASK. FAIRFORD ST. & 1ST AVE.	-	-	-	-	0
80401C	PRINCE ALBERT, SASK. 1257-1ST AVE. EAST	-	-	-	-	-
90121I	EDMONTON, ALTA. 17 STREET & 105 AVENUE	0	1	-	-	1
90218I	CALGARY, ALTA. BONNY BRK & 18A ST. S.E.	-	1	1	0	0
00106R	VANCOUVER, B.C. 2294 WEST 10TH AVENUE	-	1	-	1	0
00110R	E. HASTINGS & KENSINGTON	2	2	1	1	2
00111I	ROCKY PT. PARK	-	0	-	-	-
00302C	VICTORIA, B.C. 1106 COOK ST.	1	-	-	1	0
00401C	KAMLOOPS, B.C. 301 SEYMOUR ST.	0	1	0	0	0

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

MAY - MAY
1982

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

STATION	LOCATION EMPLACEMENT	DUSTFALL RETOMBEES DE POUSSIERES	SO3
	SYDNEY, N.S.		
30301R	MURPHY ROAD	6.5	0.2 **
30309I	PT EDWARD, RICHMOND PLST	7.7	- **
30310C	COUNTY JAIL	5.0	0.3 **
30311R	WHITNEY PIER FIRE STN.	7.4	0.3 **
	GLACE BAY, N.S.		
30401R	LAKE ROAD	15.9	0.2 **
30405C	GENERAL HOSPITAL	6.4	1.1 **
	MONTREAL, QUEBEC		
50101R	PARC JARRY	4.0	-
50102R	JARDIN BOTANIQUE	2.0	- *
50103R	POINTE-AUX-TREMBLES	8.0	-
50106R	VILLE ST-LAURENT	-	-
50107R	VILLE LASALLE	-	-
	TORONTO, ONT.		
60403I	EVANS & ARNOLD	4.3	-
60404R	5126 YONGE STREET	3.1	-
60405I	JOHN STREET PUMP STATION	6.1	-
60406R	ROSEHILL RESERVOIR	4.5	-
60408C	DANFORTH & ROBINSON	-	-
	HAMILTON, ONT.		
60501C	BARTON & SANFORD	17.4	-
60502I	BURLINGTON & GAGE	18.6	-
60503I	CHATHAM & FRID	6.8	-
60507C	HUGHSON & HUNTER	9.5	-
60510I	STRATHEARN	24.4	-
	SAULT STE. MARIE, ONT.		
60702R	ANNA MCREA PUBLIC SCHOOL	4.3	-
60703I	BAYVIEW & YOUNG	16.1	-
	THUNDER BAY, ONT.		
60801C	14 ALGOMA STREET	-	-
	LONDON, ONT.		
60901C	KING & RECTORY	3.8	-
	WINNIPEG, MAN.		
70105R	MARTIN & HENDERSON HWY	15.2	0.1 **
70110C	KENNEDY & ST. MARY'S	6.5	-
70113I	WINDERMERE & ROCKMAN	8.1	0.0 **
70115C	PORTAGE & MINTO	10.5	0.1 **
70116I	SMITH & KING	17.5	0.1 **
	EDMONTON, ALTA.		
90125C	PRINS ELIZABETH & 108 ST	9.3	0.1 **
90126R	77 AVENUE & 85 STREET	10.5	- **
90127I	115 AVENUE & 159 STREET	36.7	0.1 **
90128R	99 AVENUE & 160 STREET	9.5	- **
	CALGARY, ALTA.		
90219C	620-7TH AVENUE, S.W.	25.8	- **
90221R	DALHOUSIE DR & DALHAM DR	6.7	0.1 **
90223C	11 ST. & 38 AVE. S.E.	29.9	0.2 **
90224I	OGDENDALE & 71 AVE S.E.	9.0	0.1 **
90225R	PALLISER DR & OAKWOOD SW	4.9	0.1 **
90226I	SHEPPARD & 84 AVE S.E.	3.8	0.1 **

Environment Canada - Environnement Canada

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

TD 890 C325

3408367H

NSDE

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

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