

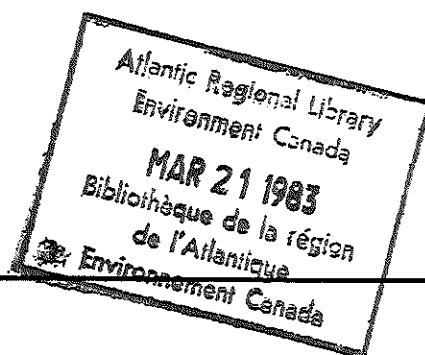


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Monthly Summary March 1982

National Air Pollution Surveillance

Surveillance nationale de la pollution atmosphérique

Extrait mensuel mars 1982

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Surveillance Report
EPS 5-AP-82-3

Air Pollution
Control Directorate

Rapport de surveillance
EPS 5-AP-82-3

Direction générale de
l'assainissement de l'air

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SULPHUR DIOXIDE
PARTS PER HUNDRED MILLION

MARCH - MARS
1982

DIOXYDE DE SOUFRE
PARTIES PAR CENT MILLIONS

STATION	LOCATION EMPLACEMENT	NUMBER OF HOURLY SAMPLES NOMBRE DE DONNEES HORAIRES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS - CENTILES - DISTRIBUTIONS DES FREQUENCES				MEANS ---- MOYENNES			
				INTERVALS - INTERVALLES		1-HOUR / HEURE		24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX
10101C	ST. JOHN'S, Nfld. DUCKWORTH & ORDINANCE	660	***	1	2	3	4	1	1	1	1
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	275	---	2	4	5	7	2	3	3	3
30114R	HALIFAX, N.S. MT ST VINCENT UNIVERSITY	416	***	1	3	5	7	1	3	3	3
30115I	CFB SHEARWATER	628	***	0	2	5	9	0	1	2	2
30116C	BARRINGTON & DUKE	0	---	-	-	-	-	-	-	-	-
30310C	SYDNEY, N.S. COUNTY JAIL	536	***	1	2	4	5	1	2	3	3
30311R	WHITNEY PIER FIRE STN.	0	---	-	-	-	-	-	-	-	-
30408R	GLACE BAY, N.S. SOUTH STREET	352	---	1	4	10	18	1	4	5	5
40202C	SAINT JOHN, N.B. POST OFFICE	647	***	1	3	7	19	1	2	3	3
50101R	MONTREAL, QUEBEC PARC JARRY	620	1.5	2	4	5	9	2	3	3	3
50102R	JARDIN BOTANIQUE	638	1.6	2	5	7	9	2	4	5	5
50103R	POINTE-AUX-TREMBLES	646	1.9	2	6	9	23	2	5	6	6
50104C	1125 ONTARIO EST	712	1.8	2	4	6	13	2	3	4	4
50105C	1212 DRUMMOND	690	3.0	3	6	10	15	4	5	5	6
50106R	VILLE ST-LAURENT	504	***	1	2	2	4	1	1	2	2
50108R	1700 BOURASSA, LONGUEUIL	614	1.2	1	4	6	8	2	3	3	3
50109C	DUNCAN & DECARIE	720	1.1	1	3	5	9	2	3	3	3
50110C	PARC PILON, MTL.-NORD	664	2.1	3	4	6	9	3	4	4	5
50112C	BOUL. LAURENTIDES	595	1.7	2	5	7	9	2	4	4	4
50113R	PIE X & CARDINAL	676	***	0	1	1	3	0	1	1	1
50115C	METCALFE & MAISONNEUVE	0	---	-	-	-	-	-	-	-	-
50116R	3161 JOSEPH, VERDUN	741	1.2	1	3	7	15	2	3	4	4
50203R	HULL, QUEBEC GAMBLIN & JOFFRE	709	***	1	2	3	4	1	2	2	2
50303I	QUEBEC, QUEBEC CENTRE LOISIRS LIMOILLOU	627	4.9	3	22	45	96	5	17	32	34
50304C	325 DORCHESTER SUD	578	2.7	3	9	16	19	4	6	7	8
50306R	2026 BLVD. ST-CYRILLE	633	1.7	2	6	10	14	2	5	5	6
50601C	ROUYN, QUEBEC HOTEL DE VILLE	554	***	0	5	14	38	1	5	7	7
50701C	SEPT-ILES, QUEBEC HOTEL DE VILLE	680	***	0	1	1	2	0	1	1	1
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	624	1.1	1	3	4	5	1	2	2	2
50901R	ARVIDA, QUEBEC POWELL & HOOPEES	676	2.0	1	10	15	21	2	6	9	10
51001R	TRACY, QUEBEC 3225 AVE COURSHESNE	549	***	1	3	5	9	1	2	3	3
51201I	SHAWINIGAN, QUEBEC FRIGON & LAVAL	542	1.0	1	4	10	14	1	3	5	5
51301R	BAIE COMEAU, QUEBEC 39 AVE. MARGUETTE	661	1.9	1	8	22	51	2	9	16	18
60101C	OTTAWA, ONT. 88 SLATER ST.	729	1.7	2	4	5	7	2	4	4	4
60104C	RIDEAU & WURTEMBERG	502	1.1	2	3	4	4	1	3	3	3
60105R	NRC, MONTREAL ROAD	682	***	1	3	4	4	1	2	2	2
60201I	WINDSOR, ONT. MORTON TERMINAL DOCK	375	1.2	1	3	3	5	1	2	2	2
60204C	471 UNIVERSITY AVENUE	721	***	1	2	4	7	1	1	2	2
60211R	COLLEGE & PRINCE	736	***	1	2	3	7	1	2	2	2
60302R	KINGSTON, ONT. NAPIER STREET	0	---	-	-	-	-	-	-	-	-
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	734	1.3	1	3	5	8	2	2	3	3
60403I	EVANS & ARNOLD	726	***	1	2	4	6	1	2	3	3
60409R	REDLANDS CRESCENT	733	***	0	1	2	4	0	1	1	1
60410R	LAWRENCE & KENNEDY	724	***	0	1	2	6	0	1	1	1
60412R	BATHURST & WILSON	694	1.3	2	4	7	11	2	3	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 MILLIONMARCH - MARS
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	70	95	99	MAX
60413R	ELMCREST ROAD	579	***	1	2	4	6	1	2	2	3				
60414I	SHERBOURNE & WILTON ST.	720	***	1	2	3	6	1	1	2	2				
60415R	QUEENSWAY W & HURONTARIO	733	1.0	1	3	6	8	1	3	3	3				
60417C	26 BREADALBANE	715	***	1	2	4	7	1	2	2	2				
HAMILTON, ONT.															
60501C	BARTON & SANFORD	733	1.3	2	4	8	9	2	3	4	5				
60505R	NORTH PARK	711	***	1	3	5	10	1	2	3	3				
SUDBURY, ONT.															
60602R	ASH STREET	730	***	1	4	8	19	1	2	3	3				
60606C	KENNEDY STREET	731	1.1	1	4	12	21	1	4	5	6				
SAULT STE. MARIE, ONT.															
60704C	QUEEN & ELGIN	711	***	0	2	4	6	0	1	2	2				
THUNDER BAY, ONT.															
60806R	435 JAMES S.	674	***	0	0	2	5	0	0	1	1				
LONDON, ONT.															
60901C	KING & RECTORY	727	***	0	1	3	4	0	1	2	2				
SARNIA, ONT.															
61004R	FRONT ST. AT C.N. TRACKS	733	1.3	1	6	12	25	2	4	8	8				
PETERBOROUGH, ONT.															
61103C	500 GEORGE STREET	679	1.3	1	3	3	4	2	2	2	2				
CORNWALL, ONT.															
61201R	MEMORIAL PARK	687	1.1	1	4	7	14	1	3	3	3				
ST. CATHARINES, ONT.															
61301C	NORTH ST. & GENEVA ST.	735	***	1	3	4	8	1	2	3	3				
KITCHENER, ONT.															
61501C	EDNA & FREDERICK	694	***	1	3	5	6	1	2	3	3				
OAKVILLE, ONT.															
61602R	BRONTE AND WOBURN CRES.	698	***	1	3	6	11	1	2	2	3				
OSHAWA, ONT.															
61701R	RITSON RD. & OLIVE AVE.	723	***	1	2	4	5	1	2	2	2				
GUELPH, ONT.															
61801C	FARQUHAR & WYNDHAM	741	***	1	3	5	6	1	2	3	3				
WINNIPEG, MAN.															
70118R	JEFFERSON & SCOTIA	514	***	0	0	1	2	0	0	1	1				
70119C	65 ELLEN STREET	682	***	0	0	2	3	0	0	1	1				
70120R	604 ST. MARY'S RD.	98	---	0	0	0	0	0	0	0	0				
REGINA, SASK.															
80109C	1620 ALBERT STREET	605	***	0	0	0	1	0	0	0	0				
SASKATOON, SASK.															
80209C	IDYLWYLD DR. & 33RD ST.	620	***	0	0	0	1	0	0	0	0				
MOOSE JAW, SASK.															
80301C	FAIRFORD ST. & 1ST AVE.	384	***	0	0	0	0	0	0	0	0				
PRINCE ALBERT, SASK.															
80401C	1257-1ST AVE. EAST	429	***	0	0	0	0	0	0	0	0				
EDMONTON, ALTA.															
90121I	17 STREET & 105 AVENUE	660	***	0	0	0	1	0	0	0	0				
CALGARY, ALTA.															
90218I	BONNY BRK & 18A ST. S.E.	703	***	0	0	1	2	0	0	0	0				
90222R	39 ST. & 29 AVE. N.W.	0	---	-	-	-	-	-	-	-	-				
90227C	1611-4TH STREET S.W.	0	---	-	-	-	-	-	-	-	-				
VANCOUVER, B.C.															
00106R	2294 WEST 10TH AVENUE	667	***	1	2	2	4	1	1	1	1				
00110R	E. HASTINGS & KENSINGTON	739	1.0	1	2	4	6	1	2	2	3				
00111I	ROCKY PT. PARK	718	***	0	1	1	2	0	1	1	1				
00112C	ROBSON/HORNBY	726	***	0	1	1	2	0	1	1	1				
VICTORIA, B.C.															
00302C	1106 COOK ST.	253	---	1	3	4	4	1	1	2	2				
KAMLOOPS, B.C.															
00401C	301 SEYMOUR ST.	676	***	0	0	1	1	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 MILLIONMARCH - MARS
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				8-HOUR / HEURES				24-HOUR / HEURES			
				INTERVALS - INTERVALLES		1-HOUR / HEURE		70 95		99 MAX		70 95		99 MAX		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	700	0.6	1	2	2	4	1	1	2	2	1	1	2	2	1	1	1	1
30116C	HALIFAX, N.S. BARRINGTON & DUKE	0	---	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
40202C	SAINT JOHN, N.B. POST OFFICE	742	***	0	3	6	17	1	2	5	8	1	2	3	3	1	2	3	3
50102R	MONTREAL, QUEBEC JARDIN BOTANIQUE	742	1.3	1	3	5	8	2	3	4	5	2	3	4	5	2	2	3	3
50103R	POINTE-AUX-TREMBLES	742	1.3	1	2	5	8	1	2	4	4	1	2	4	4	1	2	3	3
50104C	1125 ONTARIO EST	719	1.9	2	4	6	8	2	4	5	6	2	4	5	6	2	3	4	4
50108R	1700 BOURASSA, LONGUEUIL	0	---	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50109C	DUNCAN & DECARIE	743	2.2	3	5	8	11	3	4	6	7	3	4	6	7	3	4	4	5
50110C	PARC PILON, MTL.-NORD	739	2.2	3	6	8	12	3	5	6	7	3	4	5	6	3	4	5	6
50112C	BOUL. LAURENTIDES	633	1.2	1	4	7	11	1	4	5	6	1	4	5	6	1	3	4	4
50113R	PIE X & CARDINAL	734	1.2	1	3	6	8	1	3	4	5	2	3	4	5	2	2	3	3
50114C	677 STE-CATHERINE O.	744	3.0	4	6	7	10	4	5	6	7	4	4	5	6	4	4	5	5
50115C	METCALFE & MAISONNEUVE	0	---	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50116R	3161 JOSEPH, VERDUN	701	1.2	1	3	5	9	1	3	5	5	1	3	5	5	1	3	4	4
50203R	HULL, QUEBEC GAMBLIN & JOFFRE	633	0.9	1	2	3	5	1	2	3	3	1	2	3	3	1	2	2	2
50304C	QUEBEC, QUEBEC 325 DORCHESTER SUD	729	1.5	2	4	7	17	2	3	7	10	2	3	7	10	2	3	5	5
60101C	OTTAWA, ONT. 88 SLATER ST.	728	2.3	3	6	9	13	3	5	6	8	3	4	6	8	3	4	4	5
60104C	RIDEAU & WURTEMBURG	728	0.9	1	2	3	4	1	2	2	3	1	2	2	3	1	2	2	2
60204C	WINDSOR, ONT. 471 UNIVERSITY AVENUE	717	***	1	2	3	9	1	2	2	3	1	2	2	3	1	1	2	2
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	732	2.1	2	3	3	4	2	3	3	3	2	3	3	3	2	3	3	3
60403I	EVANS & ARNOLD	692	2.0	2	4	6	12	2	4	4	5	2	3	4	5	2	3	4	4
60410R	LAWRENCE & KENNEDY	728	1.5	2	3	6	8	2	3	5	6	2	3	5	6	2	3	4	4
60412R	BATHURST & WILSON	523	2.0	2	5	8	11	2	5	7	8	2	5	7	8	2	5	6	7
60413R	ELMCREST ROAD	697	1.2	2	3	4	5	2	3	3	3	2	3	3	3	2	2	3	3
60414I	SHERBOURNE & WILTON ST.	721	1.4	2	3	4	6	2	3	3	4	2	3	3	4	2	2	3	3
60415R	QUEENSWAY W & HURONTARIO	700	1.5	2	3	6	10	2	3	4	4	2	3	4	4	2	2	3	3
60416C	381 YONGE STREET	397	3.7	4	9	15	19	4	8	12	13	4	6	12	13	4	6	7	7
60417C	26 BREADALBANE	692	1.3	2	2	3	5	2	2	3	3	2	2	3	3	2	2	2	2
60501C	HAMILTON, ONT. BARTON & SANFORD	684	1.3	2	3	5	7	2	3	4	5	2	3	4	5	2	3	3	3
60602R	SUDBURY, ONT. ASH STREET	730	***	0	1	2	6	0	1	1	2	0	0	1	2	0	0	1	1
60901C	LONDON, ONT. KING & RECTORY	726	***	1	2	3	6	1	2	2	3	1	2	2	3	1	1	1	1
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	713	***	0	1	2	4	0	1	1	1	0	0	1	1	0	0	1	1
61201R	CORNWALL, ONT. MEMORIAL PARK	726	1.2	1	2	3	5	1	2	3	4	1	2	3	4	1	2	3	3
61301C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	717	***	0	2	3	5	1	1	2	3	1	1	2	3	1	1	1	2
61501C	KITCHENER, ONT. EDNA & FREDERICK	0	---	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	721	2.1	3	4	6	8	3	4	5	5	3	4	5	5	3	4	4	4
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	536	1.9	2	4	5	9	2	3	5	6	2	3	5	6	2	3	4	4
70118R	WINNIPEG, MAN. JEFFERSON & SCOTIA	574	***	0	2	3	5	0	1	3	3	0	1	3	3	0	1	1	1
70119C	65 ELLEN STREET	194	---	1	2	3	3	1	1	2	2	1	1	2	2	1	1	1	1
70120R	604 ST. MARY'S RD.	0	---	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
80109C	REGINA, SASK. 1620 ALBERT STREET	557	***	1	1	2	4	1	1	1	1	0	1	1	1	0	1	1	1
80209C	SASKATOON, SASK. IDYLWYLD DR. & 33RD ST.	576	0.6	1	2	5	11	1	2	3	3	1	2	3	3	1	2	2	2

*** 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 MILLIONMARCH - MARS
1982MONOXYDE DE CARBONE
PARTIES PAR MILLION

STATION	LOCATION EMPLACEMENT	NUMBER OF HOURLY SAMPLES NOMBRE DE DONNEES HORAIRES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS - CENTILES - DISTRIBUTIONS DES FREQUENCES											
				INTERVALS - INTERVALLES				MEANS				MOYENNES			
				1-HOUR / HEURE				8-HOUR / HEURES				24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX	70	95	99	MAX
EDMONTON, ALTA.															
90121I	17 STREET & 105 AVENUE	676	0.8	1	2	4	5	1	2	3	3	1	2	2	3
90122R	127 ST. & 133 AVENUE	723	1.2	1	5	8	12	2	4	6	8	1	4	4	5
90130C	10255 - 104TH STREET	726	2.3	3	6	8	10	3	5	6	7	3	5	5	5
CALGARY, ALTA.															
90222R	39 ST. & 29 AVE. N.W.	718	1.0	1	3	6	11	1	2	5	5	1	2	3	3
90227C	1611-4TH STREET S.W.	724	1.9	2	5	8	20	2	4	6	8	2	3	5	5
VANCOUVER, B.C.															
00106R	2294 WEST 10TH AVENUE	602	1.6	2	5	6	9	2	4	5	5	2	3	4	4
00108I	250 WEST 70TH AVENUE	718	1.3	2	4	5	8	2	3	4	5	2	2	3	4
00110R	E. HASTINGS & KENSINGTON	630	0.8	1	2	3	4	1	2	2	2	1	1	2	2
00111I	ROCKY PT. PARK	729	1.2	1	3	3	4	2	2	3	3	1	2	2	2
00112C	ROBSON/HORNBY	718	2.0	2	4	6	8	2	3	4	4	2	3	3	3
VICTORIA, B.C.															
00302C	1106 COOK ST.	739	1.3	2	4	6	14	1	3	5	5	2	3	3	3

NITROGEN DIOXIDE
PARTS PER HUNDRED MILLIONMARCH - MARS
1982DIOXYDE 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.	205	---	0	2	2	3	0	1	1	2
30116C	CFB SHEARWATER	178	----	5	12	14	15	5	8	9	9
40202C	BARRINGTON & DUKE										
	SAINT JOHN, N.B.										
	POST OFFICE	386	3.0	4	8	13	15	3	7	8	8
	MONTREAL, QUEBEC										
50102R	JARDIN BOTANIQUE	740	3.2	4	6	7	10	4	5	5	5
50104C	1125 ONTARIO EST	719	3.7	5	6	7	9	4	6	6	6
50108R	1700 BOURASSA, LONGUEUIL	605	2.7	3	6	7	9	4	5	5	5
50109C	DUNCAN & DECARIE	733	2.3	3	4	5	6	3	4	4	5
50110C	PARC PILON, MTL.-NORD	353	---	4	8	18	40	3	6	9	11
50112C	BOUL. LAURENTIDES	174	---	4	6	6	6	4	4	5	5
50113R	PIE X & CARDINAL	734	3.2	4	7	9	14	4	6	6	6
50115C	METCALFE & MAISONNEUVE	0	---	-	-	-	-	-	-	-	-
50116R	3161 JOSEPH, VERDUN	744	***	1	2	2	2	1	1	2	2
50203R	HULL, QUEBEC										
	CAMELIN & JOFFRE	683	2.1	3	5	6	8	3	4	5	5
50304C	QUEBEC, QUEBEC										
	325 DORCHESTER SUD	729	3.0	4	5	5	6	3	4	4	4
60101C	OTTAWA, ONT.										
	88 SLATER ST.	700	4.8	6	8	10	11	6	7	8	8
60104C	RIDEAU & WURTEMBERG	734	2.3	3	6	7	9	3	4	5	5
60105R	NRC, MONTREAL ROAD	743	1.6	2	4	6	7	2	3	4	4
60204C	WINDSOR, ONT.										
	471 UNIVERSITY AVENUE	733	3.0	4	5	7	8	3	5	6	6
60402R	TORONTO, ONT.										
	DON MILLS, SCIENCE CNTR	733	2.1	3	4	5	6	3	3	4	4
60403I	EVANS & ARNOLD	726	4.1	5	6	8	10	5	6	6	6
60410R	LAWRENCE & KENNEDY	638	2.9	4	6	7	8	4	5	5	6
60412R	BATHURST & WILSON	582	3.8	5	8	10	12	4	7	8	8
60413R	ELMCREST ROAD	735	2.6	3	6	7	9	3	5	6	6
60414I	SHERBOURNE & WILTON ST.	726	3.4	4	5	6	8	4	5	5	5
60415R	QUEENSWAY W & HURONTARIO	0	---	-	-	-	-	-	-	-	-
60417C	26 BREADALBANE	711	2.6	3	5	6	6	3	4	4	5
60501C	HAMILTON, ONT.										
	BARTON & SANFORD	733	3.3	4	6	6	7	4	5	6	6
60505R	NORTH PARK	726	2.8	4	5	6	6	3	4	5	5
60602R	SUDBURY, ONT.										
	ASH STREET	729	***	1	3	4	5	1	2	3	3
60901C	LONDON, ONT.										
	KING & RECTORY	727	2.4	3	5	7	8	3	4	4	5
61004R	SARNIA, ONT.										
	FRONT ST. AT C.N. TRACKS	702	2.5	3	6	7	8	3	5	6	6
61201R	CORNWALL, ONT.										
	MEMORIAL PARK	709	1.6	2	5	7	11	2	3	4	5
61301C	ST. CATHARINES, ONT.										
	NORTH ST. & GENEVA ST.	733	2.2	3	4	5	7	3	4	4	5
61501C	KITCHENER, ONT.										
	EDNA & FREDERICK	0	---	-	-	-	-	-	-	-	-
61602P	OAKVILLE, ONT.										
	BRONTE AND WOBURN CRES.	720	2.2	3	5	5	5	3	4	4	4
61701R	OSHAWA, ONT.										
	FITSON RD. & OLIVE AVE.	724	2.0	3	5	5	8	3	4	5	5
70118R	WINNIPEG, MAN.										
	JEFFERSON & SCOTIA	596	***	1	2	4	6	1	2	2	2
70119C	65 ELLEN STREET	692	2.1	3	4	5	7	3	3	4	4
80109C	REGINA, SASK.										
	620 ALBERT STREET	0	---	-	-	-	-	-	-	-	-
90122R	EDMONTON, ALTA.										
	127 ST. & 133 AVENUE	719	3.6	4	7	8	11	4	6	7	7
90130C	10255 - 104TH STREET	727	4.5	5	8	10	15	5	7	8	9
90222R	CALGARY, ALTA.										
	39 ST. & 29 AVE. N.W.	710	2.1	3	5	7	8	3	3	4	4
90227C	1611-4TH STREET S.W.	716	5.5	6	9	11	13	6	8	9	9

*** 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.

NITROGEN DIOXIDE
PARTS PER HUNDRED MILLION

MARCH - MARS
1982

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	697	3.1	4	5	6	7	3	4	4	4
00108I	250 WEST 70TH AVENUE	720	2.3	3	4	4	6	3	3	4	4
00110R	E. HASTINGS & KENSINGTON	638	2.5	3	5	6	7	3	4	4	4
00111I	ROCKY PT. PARK	728	2.1	3	4	6	8	3	3	4	4
00112C	ROBSON/HORNEY	247	---	4	5	6	6	4	4	4	4
	VICTORIA, B.C.										
00302C	1106 COOK ST.	95	---	3	4	5	5	3	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 MILLIONMARCH - MARS
1982OZONE
PARTIES PAR CENT MILLIONS

STATION	LOCATION EMPLACEMENT	NUMBER OF HOURLY SAMPLES NOMBRE DE DONNEES HORAIRES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS - CENTILES -				DISTRIBUTIONS DES FREQUENCES			
				INTERVALS - INTERVALLES				MEANS ---- MOYENNES			
				1-HOUR / HEURE				24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX
30115I	HALIFAX, N.S.	0	---	-	-	-	-	-	-	-	-
30116C	CFB SHEARWATER	0	---	-	-	-	-	-	-	-	-
	BARRINGTON & DUKE										
40202C	SAINT JOHN, N.B.	742	1.9	3	3	4	4	2	3	3	3
	POST OFFICE										
	MONTREAL, QUEBEC										
50102R	JARDIN BOTANIQUE	741	2.0	3	4	5	7	2	3	3	3
50103R	POINTE-AUX-TREMBLES	700	2.8	4	5	6	7	3	4	5	5
50104C	1125 ONTARIO EST	719	1.5	2	3	4	5	2	3	3	3
50108R	1700 BOURASSA, LONGUEUIL	697	2.0	3	4	5	5	2	3	3	3
50109C	DUNCAN & DECARIE	743	1.8	3	5	6	7	2	4	4	4
50110C	PARC PILON, MTL.-NORD	695	1.8	3	4	5	6	2	4	4	4
50112C	BOUL. LAURENTIDES	721	1.8	3	4	5	5	2	3	4	4
50113R	PIE X & CARDINAL	734	2.1	3	4	5	5	3	4	4	4
50115C	METCALFE & MAISONNEUVE	0	---	-	-	-	-	-	-	-	-
50116R	3161 JOSEPH, VERDUN	743	1.9	3	5	6	7	3	4	4	4
	QUEBEC, QUEBEC										
50304C	325 DORCHESTER SUD	684	1.2	2	3	3	3	2	2	3	3
50306R	2026 BLVD. ST-CYRILLE	550	3.2	4	6	8	8	4	5	6	6
	OTTAWA, ONT.										
60101C	88 SLATER ST.	718	1.4	2	3	3	4	2	3	3	3
60104C	RIDEAU & WURTEMBERG	729	2.0	3	4	4	5	2	3	3	3
60105R	NRC, MONTREAL ROAD	671	1.9	3	4	4	9	2	3	3	3
	WINDSOR, ONT.										
60204C	471 UNIVERSITY AVENUE	685	1.4	2	3	4	5	2	2	3	3
	TORONTO, ONT.										
60402R	DON MILLS, SCIENCE CNTR	734	1.6	2	3	4	5	2	3	3	3
60403I	EVANS & ARNOLD	711	1.4	2	3	4	5	2	3	3	3
60410R	LAWRENCE & KENNEDY	725	1.7	2	3	4	4	2	3	3	3
60413R	ELMCREST ROAD	733	1.7	2	4	5	5	2	3	4	4
60414I	SHERBOURNE & WILTON ST.	673	1.3	2	3	3	4	2	2	2	2
60415R	QUEENSWAY W & HURONTARIO	13	---	3	3	3	3	-	-	-	-
60417C	26 BREADALBANE	710	1.5	2	3	4	5	2	3	3	3
	HAMILTON, ONT.										
60501C	BARTON & SANFORD	717	2.0	3	4	5	6	2	3	4	4
	SUDBURY, ONT.										
60602R	ASH STREET	663	1.8	2	3	3	4	2	3	3	3
	THUNDER BAY, ONT.										
60806R	435 JAMES S.	741	1.9	3	3	4	4	2	3	3	3
	LONDON, ONT.										
60901C	KING & RECTORY	724	2.0	3	4	5	5	2	3	3	4
	SARNIA, ONT.										
61004R	FRONT ST. AT C.N. TRACKS	654	2.5	3	4	6	12	3	4	5	5
	CORNWALL, ONT.										
61201R	MEMORIAL PARK	695	2.9	4	5	5	6	3	4	4	4
	ST. CATHARINES, ONT.										
61301C	NORTH ST. & GENEVA ST.	730	2.4	3	4	5	6	3	4	4	4
	KITCHENER, ONT.										
61501C	EDNA & FREDERICK	0	---	-	-	-	-	-	-	-	-
	OAKVILLE, ONT.										
61602R	BRONTE AND WOBURN CRES.	736	1.7	3	3	4	5	2	3	3	3
	OSHAWA, ONT.										
61701R	RITSON RD. & OLIVE AVE.	721	2.2	3	4	5	6	3	3	4	5
	WINNIPEG, MAN.										
70118R	JEFFERSON & SCOTIA	0	---	-	-	-	-	-	-	-	-
70119C	65 ELLEN STREET	633	2.1	3	4	4	6	3	4	4	4
	REGINA, SASK.										
80109C	1620 ALBERT STREET	736	3.1	4	5	7	7	3	5	6	6
	EDMONTON, ALTA.										
90122R	127 ST. & 133 AVENUE	713	2.9	4	5	6	7	4	4	5	5
90130C	10255 - 104TH STREET	715	1.3	2	3	3	4	2	2	3	3
	CALGARY, ALTA.										
90222R	39 ST. & 29 AVE. N.W.	710	2.6	4	5	5	5	3	4	4	4
90227C	1611-4TH STREET S.W.	712	1.3	2	3	3	4	2	2	2	2

--- 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

MARCH - MARS
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	638	1.1	2	3	4	5	1	2	2	2
00108I	250 WEST 70TH AVENUE	665	1.2	2	3	4	4	1	2	3	3
00110R	E. HASTINGS & KENSINGTON	734	1.4	2	3	4	4	2	3	3	3
00111I	ROCKY PT. PARK	522	1.8	3	5	7	8	2	3	3	3
00112C	ROBSON/HORNBY	686	0.7	1	2	3	4	1	1	1	1
VICTORIA, B.C.											
00302C	1106 COOK ST.	709	1.5	3	3	4	4	2	3	3	3

SOILING INDEX
COH UNITS PER 1000 LINEAR FT.

MARCH - MARS
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	362	0.17	0.2	0.4	0.6	0.7	0.2	0.3	0.4	0.4
50103R	POINTE-AUX-TREMBLES	275	0.34	0.4	0.9	1.3	2.0	0.4	0.6	0.8	0.8
50104C	1125 ONTARIO EST	357	0.52	0.6	1.1	1.5	1.9	0.6	0.9	1.0	1.0
50105C	1212 DRUMMOND	370	0.38	0.4	0.8	1.1	1.3	0.5	0.6	0.8	0.9
50106R	VILLE ST-LAURENT	273	****	0.1	0.3	0.7	1.2	0.1	0.2	0.3	0.3
50109C	DUNCAN & DECARIE	372	0.51	0.6	1.1	1.5	2.1	0.6	0.9	1.0	1.0
50110C	PARC PILON, MTL.-NORD	369	0.50	0.6	1.5	2.5	2.9	0.7	1.1	1.4	1.4
50115C	METCALFE & MAISONNEUVE	0	----	-	-	-	-	-	-	-	-
50116R	3161 JOSEPH, VERDUN	372	0.26	0.3	0.6	1.1	1.2	0.3	0.5	0.6	0.7
HULL, QUEBEC											
50203R	GAMBLIN & JOFFRE	371	0.27	0.4	0.8	1.0	1.0	0.3	0.5	0.6	0.6
QUEBEC, QUEBEC											
50303I	CENTRE LOISIRS LIMOILLOU	0	----	-	-	-	-	-	-	-	-
TROIS-RIVIERES, QUEBEC											
50801R	HART & STE-CECILE	257	0.41	0.5	0.8	1.0	1.1	0.5	0.6	0.7	0.7
SHAWINIGAN, QUEBEC											
51201I	FRIGON & LAVAL	304	0.27	0.3	0.7	0.9	1.5	0.3	0.5	0.5	0.5
OTTAWA, ONT.											
60101C	88 SLATER ST.	369	0.39	0.5	1.0	1.4	1.8	0.5	0.7	0.9	1.0
60103C	GILMOUR STREET	372	0.32	0.5	0.8	1.2	1.7	0.4	0.5	0.8	0.8
60104C	RIDEAU & WURTEMBERG	732	(1) 0.32	0.4	0.7	1.2	1.4	0.4	0.6	0.7	0.7
WINDSOR, ONT.											
60204C	471 UNIVERSITY AVENUE	730	(1) 0.43	0.5	1.0	1.3	1.5	0.5	0.8	0.9	0.9
60211R	COLLEGE & PRINCE	731	(1) 0.41	0.5	0.9	1.2	1.6	0.5	0.7	0.9	0.9
KINGSTON, ONT.											
60302R	NAPIER STREET	0	----	-	-	-	-	-	-	-	-
TORONTO, ONT.											
60402R	DON MILLS, SCIENCE CNTR	352	0.27	0.4	0.8	1.2	1.4	0.3	0.6	0.8	0.8
60403I	EVANS & ARNOLD	699	(1) 0.42	0.5	1.2	1.5	1.8	0.5	0.8	0.9	0.9
60409R	REDLANDS CRESCENT	202	0.15	0.2	0.5	0.7	0.7	0.2	0.2	0.3	0.3
60410R	LAWRENCE & KENNEDY	731	(1) 0.39	0.5	1.0	1.6	1.9	0.5	0.8	0.9	1.0
60412R	BATHURST & WILSON	729	(1) 0.63	0.8	1.6	1.9	2.1	0.8	1.3	1.5	1.6
60413R	ELMCREST ROAD	300	0.20	0.2	0.6	1.0	1.2	0.2	0.5	0.6	0.7
60414I	SHERBOURNE & WILTON ST.	732	(1) 0.53	0.7	1.1	1.5	2.1	0.7	0.9	1.1	1.1
60415R	QUEENSWAY W & HURONTARIO	369	0.37	0.5	1.1	1.7	2.2	0.5	0.7	0.8	0.8
60417C	26 BREADALBANE	720	(1) 0.51	0.6	1.1	1.7	1.9	0.6	0.9	1.0	1.0
HAMILTON, ONT.											
60501C	BARTON & SANFORD	730	(1) 0.57	0.7	1.3	2.1	3.1	0.7	1.0	1.5	1.6
60505R	NORTH PARK	729	(1) 0.38	0.5	1.0	1.6	1.8	0.4	0.9	1.2	1.2
SUDBURY, ONT.											
60602R	ASH STREET	734	(1) 0.16	0.2	0.5	0.9	1.0	0.2	0.4	0.4	0.4
THUNDER BAY, ONT.											
60806R	435 JAMES S.	173	----	0.3	0.6	0.8	0.8	0.2	0.3	0.5	0.5
LONDON, ONT.											
60901C	KING & RECTORY	730	(1) 0.38	0.5	0.8	1.1	1.6	0.4	0.7	0.7	0.8
60902C	372 DUNDAS	358	0.23	0.4	0.6	0.8	1.0	0.3	0.4	0.4	0.5
SARNIA, ONT.											
61004R	FRONT ST. AT C.N. TRACKS	729	(1) 0.32	0.4	0.8	1.2	1.3	0.4	0.7	0.9	1.0
PETERBOROUGH, ONT.											
61103C	500 GEORGE STREET	6	----	0.4	0.4	0.4	0.4	-	-	-	-
CORNWALL, ONT.											
61201R	MEMORIAL PARK	705	(1) 0.22	0.3	0.7	1.0	1.4	0.3	0.6	0.7	0.7
ST. CATHARINES, ONT.											
61301C	NORTH ST. & GENEVA ST.	730	(1) 0.33	0.4	0.9	1.4	1.6	0.4	0.6	0.8	0.8
KITCHENER, ONT.											
61501C	EDNA & FREDERICK	353	0.26	0.3	0.7	1.3	2.3	0.3	0.5	0.6	0.7
OAKVILLE, ONT.											
61602R	BRONTE AND WOBURN CRES.	721	(1) 0.39	0.5	1.0	1.4	1.8	0.5	0.8	0.9	0.9
OSHAWA, ONT.											
61701R	RITSON RD. & OLIVE AVE.	723	(1) 0.52	0.6	1.4	2.4	2.7	0.6	1.2	1.6	1.7

(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.MARCH - MARS
1982INDICE 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
61801C	GUELPH, ONT. FARQUHAR & WYNDHAM	370	0.18	0.3	0.5	0.7	0.9	0.2	0.3	0.4	0.4
70118R	WINNIPEG, MAN. JEFFERSON & SCOTIA	42	----	0.0	0.1	0.2	0.2	0.0	0.1	0.1	0.1
70119C	65 ELLEN STREET	332	****	0.1	0.2	0.3	0.3	0.1	0.1	0.2	0.2
70120R	604 ST. MARY'S RD.	356	****	0.1	0.2	0.4	0.7	0.1	0.2	0.3	0.3
80209C	SASKATOON, SASK. IDYLWYLD DR. & 33RD ST.	153	----	0.1	0.2	1.1	1.3	0.1	0.3	0.3	0.3
90122R	EDMONTON, ALTA. 127 ST. & 133 AVENUE	744	(1) 0.23	0.3	0.6	1.0	1.1	0.3	0.5	0.6	0.6
90130C	10255 - 104TH STREET	744	(1) 0.30	0.3	0.8	1.2	1.6	0.3	0.8	1.0	1.0
90218I	CALGARY, ALTA. BONNY BRK & 18A ST. S.E.	714	(1) 0.32	0.4	0.8	1.2	2.3	0.4	0.6	0.8	0.8
90222R	39 ST. & 29 AVE. N.W.	744	(1) 0.24	0.3	0.6	1.0	1.1	0.3	0.4	0.5	0.5
90227C	1611-4TH STREET S.W.	744	(1) 0.36	0.4	0.8	1.1	1.8	0.4	0.5	0.7	0.7
00102R	VANCOUVER, B.C. 100 RICHMOND STREET	366	0.33	0.5	0.9	1.4	1.7	0.4	0.6	0.7	0.7
00106R	2294 WEST 10TH AVENUE	161	----	0.4	0.8	0.9	1.3	0.3	0.5	0.6	0.6
00108I	250 WEST 70TH AVENUE	350	0.34	0.4	1.1	2.2	2.8	0.4	0.7	0.8	0.8
00110R	E. HASTINGS & KENSINGTON	364	0.22	0.3	0.6	0.8	0.9	0.3	0.4	0.4	0.4
00111I	ROCKY PT. PARK	365	0.35	0.5	0.9	1.1	1.6	0.4	0.6	0.7	0.7
00112C	ROBSON/HORNBY	286	0.28	0.4	0.7	1.2	1.3	0.3	0.4	0.5	0.5
00202C	PRINCE GEORGE, B.C. 1011 4TH AVENUE	124	----	0.1	0.4	0.5	0.5	0.1	0.2	0.2	0.2
00302C	VICTORIA, B.C. 1106 COOK ST.	369	0.38	0.5	1.1	1.7	2.4	0.5	0.7	0.8	0.9
09001C	WHITEHORSE, YUKON FEDERAL BUILDING	371	0.44	0.6	1.2	1.8	2.5	0.5	0.9	1.2	1.2

(1) BASED ON 1-HOUR READINGS
DONNEES INITIALES D'UNE HEURE**** CALCULATED MEANS ARE BELOW 0.1
LES MOYENNES SONT INFÉRIEURES 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

MARCH - MARS
1982

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	6	12	18	24	30
		MEAN					MEAN				
		MOYENNE					MOYENNE				
10101C	ST. JOHN'S, Nfld. DUCKWORTH & ORDINANCE	-	-	-	17	20	-	-	-	0.1	0.1
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	30	15	31	15	52	29	0.1	0.1	0.2	0.1
30101C	HALIFAX, N.S. N.S. TECHNICAL COLLEGE	34	40	-	48	69	48	0.1	0.2	-	0.2
30102R	DALHOUSIE UNIVERSITY	30	37	-	25	48	35	0.1	0.2	-	0.1
30114R	MT ST VINCENT UNIVERSITY	25	23	-	31	-	26	0.1	0.4	-	0.2
30115I	CFB SHEARWATER	-	-	49	24	33	35	-	-	0.1	0.1
30310C	SYDNEY, N.S. COUNTY JAIL	21	34	39	67	50	42	0.2	0.3	0.1	0.3
30311R	WHITNEY PIER FIRE STN.	49	95	104	154	124	105	0.2	0.3	0.3	0.4
30408R	GLACE BAY, N.S. SOUTH STREET	71	299	126	36	48	116	0.1	0.1	0.1	0.1
40102C	FREDERICTON, N.B. YORK STREET	-	-	-	-	-	-	-	-	-	-
40201C	SAINT JOHN, N.B. 110 CHARLOTTE STREET	-	100	81	-	142	108	-	0.6	0.2	-
40301C	MONCTON, N.B. 774 MAIN STREET	-	-	-	-	-	-	-	-	-	-
50102R	MONTREAL, QUEBEC JARDIN BOTANIQUE	-	40	45	49	54	47	-	0.2	0.3	0.2
50103R	POINTE-AUX-TREMBOLES	29	60	126	147	94	91	-	-	-	-
50104C	1125 ONTARIO EST	32	87	106	124	117	93	0.3	0.7	0.9	0.8
50105C	1212 DRUMMOND	68	94	45	126	89	84	-	-	-	-
50106R	VILLE ST-LAURENT	-	-	-	-	-	-	-	-	-	-
50108R	1700 BOURASSA, LONGUEUIL	29	39	59	63	48	48	0.1	0.3	0.4	0.2
50109C	DUNCAN & DECARIE	72	101	156	194	116	128	0.5	1.0	1.2	1.4
50110C	PARC PILON, MTL.-NORD	58	54	72	82	91	71	0.4	0.7	1.0	0.6
50112C	BOUL. LAURENTIDES	43	58	135	109	104	90	0.2	0.7	1.3	0.8
50113R	PIE X & CARDINAL	22	29	46	57	78	46	0.1	0.2	0.2	0.2
50115C	METCALFE & MAISONNEUVE	-	-	-	-	-	-	-	-	-	-
50116R	3161 JOSEPH, VERDUN	54	82	120	86	81	85	-	-	-	-
50203R	HULL, QUEBEC GAMBLIN & JOFFRE	35	66	135	184	155	115	0.4	0.7	0.8	0.9
50303I	QUEBEC, QUEBEC CENTRE LOISIRS LIMOILLOU	26	41	100	155	109	86	0.5	0.2	0.5	0.7
50306R	2026 BLVD. ST-CYRILLE	20	28	92	97	71	62	0.3	0.2	0.5	0.4
50402R	SHERBROOKE, QUEBEC CASERNE DE POMPIERS #5	-	-	-	-	-	-	-	-	-	-
50403C	WELLINGTON & ALBERT	-	-	-	-	-	-	-	-	-	-
50502R	CHICOUTIMI, QUEBEC USINE DE FILTRATION	-	-	62	13	32	36	-	-	0.3	-
50503C	222 RACINE	21	55	146	-	363	146	0.3	0.7	1.1	-
50601C	ROUYN, QUEBEC HOTEL DE VILLE	-	-	66	30	78	58	-	-	0.4	0.1
50701C	SEPT-ILES, QUEBEC HOTEL DE VILLE	1	-	29	39	42	28	-	-	0.2	0.3
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	50	88	91	58	284	114	0.4	0.6	0.6	0.6
50901R	ARVIDA, QUEBEC POWELL & HOOPES	20	-	-	134	47	67	0.2	-	-	0.4
51002R	TRACY, QUEBEC GARNEAU & RTE 132	44	89	73	187	163	111	0.2	0.3	0.3	0.5
51101C	THETFORD MINES, QUEBEC BOUL. STE-MARTHE	29	31	42	71	34	41	0.3	0.4	0.5	0.4
51201I	SHAWINIGAN, QUEBEC FRIGON & LAVAL	-	207	-	183	58	149	-	0.1	-	0.2
51301R	BAIE COMEAU, QUEBEC 39 AVE. MARGUETTE	-	-	-	-	-	-	-	-	-	-
60101C	OTTAWA, ONT. 88 SLATER ST.	50	55	155	178	159	119	0.3	0.5	0.6	0.7
60104C	RIDEAU & WURTEMBURG	34	47	65	88	79	63	0.2	0.3	0.3	0.4
60105R	NRC, MONTREAL ROAD	39	43	65	85	77	62	0.2	0.3	0.3	0.4
60201I	WINDSOR, ONT. MORTON TERMINAL DOCK	84	57	73	62	54	66	0.5	0.2	0.2	0.2
60202C	CITY HALL	74	67	92	89	73	79	0.5	0.3	0.4	0.4
60203R	TECUMSEH WATER WORKS	79	46	58	63	43	58	0.6	0.1	0.1	0.4
60204C	471 UNIVERSITY AVENUE	89	70	69	81	110	84	0.7	0.5	0.3	0.6

SUSPENDED PARTICULATE MATTER AND LEAD
MICROGRAMS PER CUBIC METRE

MARCH - MARS
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
		6	12	18	24	30		6	12	18	24	30	
60301R	KINGSTON, ONT. QUEEN'S UNIVERSITY	37	43	47	76	70	55	0.1	0.2	0.2	0.2	0.2	0.2
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	48	75	66	71	56	63	0.3	0.4	0.8	0.3	0.2	0.4
60403I	EVANS & ARNOLD	140	115	121	167	205	150	1.5	1.3	1.7	0.6	0.7	1.2
60409R	REDLANDS CRESCENT	66	75	42	48	67	60	0.0	0.0	0.3	0.0	0.0	0.1
60410R	LAWRENCE & KENNEDY	50	67	53	105	76	70	0.1	0.3	0.4	0.5	0.0	0.3
60412R	BATHURST & WILSON	37	85	96	128	158	101	0.0	1.5	1.9	1.9	2.1	1.5
60413R	ELMCREST ROAD	94	94	80	110	145	105	1.0	0.9	1.2	0.9	0.9	1.0
60414I	SHERBOURNE & WILTON ST.	122	95	142	201	212	154	0.5	1.0	1.1	0.6	0.6	0.8
60415R	QUEENSWAY W & HURONTARIO	144	135	97	133	47	111	0.8	1.2	1.2	0.8	-	1.0
60417C	26 BREADALBANE	54	79	106	-	86	81	0.2	0.5	0.7	-	0.4	0.5
60501C	HAMILTON, ONT. BARTON & SANFORD	79	135	186	107	219	145	0.3	0.7	1.2	0.6	0.9	0.7
60503I	CHATHAM & FRID	97	138	106	142	329	162	0.3	0.3	0.5	0.3	1.9	0.7
60505R	NORTH PARK	87	112	51	181	90	104	0.4	1.0	0.5	1.0	0.5	0.7
60602R	SUDBURY, ONT. ASH STREET	34	39	39	44	66	44	0.2	0.2	0.3	0.3	0.4	0.3
60605C	19 LISGAR STREET	40	45	67	40	-	48	0.4	0.3	0.5	0.1	-	0.3
60705R	SAULT STE. MARIE, ONT. 550 QUEEN STREET WEST	80	111	100	-	-	97	0.3	0.2	0.2	-	-	0.2
60801C	THUNDER BAY, ONT. 14 ALGOMA STREET	40	34	26	19	42	32	0.1	0.1	0.1	0.1	0.1	0.1
60806R	435 JAMES S.	28	35	25	25	36	30	0.2	0.0	0.1	0.0	0.2	0.1
60901C	LONDON, ONT. KING & RECTORY	118	90	76	128	122	107	0.4	0.5	0.3	0.5	0.3	0.4
60902C	372 DUNDAS	43	43	52	89	80	61	0.2	0.2	0.2	0.2	0.3	0.2
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	113	79	80	109	101	96	0.4	0.3	0.2	0.2	0.1	0.2
61103C	PETERBOROUGH, ONT. 500 GEORGE STREET	59	-	41	74	135	77	0.4	-	0.1	0.5	0.5	0.4
61201R	CORNWALL, ONT. MEMORIAL PARK	44	62	71	86	78	68	0.3	0.6	0.4	0.5	0.3	0.4
61301C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	85	91	91	113	160	108	0.2	0.4	0.4	0.3	0.6	0.4
61501C	KITCHENER, ONT. EDNA & FREDERICK	91	69	63	-	140	91	1.3	1.0	1.4	-	1.7	1.4
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	63	66	49	70	68	63	0.2	0.2	0.3	0.3	0.2	0.2
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	73	73	61	133	89	86	0.4	0.4	0.7	0.4	0.0	0.4
61801C	GUELPH, ONT. FARQUHAR & WYNDHAM	56	46	40	84	86	62	0.3	0.3	0.3	0.3	0.3	0.3
70102R	WINNIPEG, MAN. PORTAGE & WOODLAWN	205	22	123	49	37	87	0.5	0.1	0.4	0.1	0.3	0.3
70104I	UNION STOCK YARDS	119	29	66	53	32	60	0.1	0.1	0.2	0.1	0.2	0.1
70118R	JEFFERSON & SCOTIA	94	26	12	19	21	34	0.2	0.1	0.0	0.1	0.1	0.1
70119C	65 ELLEN STREET	128	33	78	47	45	66	0.2	0.2	0.2	0.1	0.3	0.2
70120R	604 ST. MARY'S RD.	-	18	48	31	23	30	-	0.1	0.2	0.1	0.2	0.1
70201C	BRANDON, MAN. 11TH ST. & PRINCESS AVE.	66	41	23	46	20	39	0.1	0.1	0.2	0.1	0.1	0.1
80102R	REGINA, SASK. 3211 ALBERT STREET	28	11	9	5	18	14	0.1	0.1	0.0	0.1	0.1	0.1
80108C	12TH AVE. & SMITH ST.	46	12	16	33	43	31	0.2	0.1	0.2	0.7	0.2	0.3
80109C	1620 ALBERT STREET	56	15	20	8	25	25	0.3	0.1	0.2	0.2	0.1	0.2
80203R	SASKATOON, SASK. 30TH ST. & 833 P AVE.	101	31	50	44	52	56	0.1	0.2	0.1	0.0	0.1	0.1
80209C	IDYLWYLD DR. & 33RD ST.	-	31	53	9	35	32	-	0.2	0.1	0.1	0.2	0.2
80301C	MOOSE JAW, SASK. FAIRFORD ST. & 1ST AVE.	44	24	21	42	61	38	0.2	0.1	0.2	0.1	0.1	0.1
80401C	PRINCE ALBERT, SASK. 1257-1ST AVE. EAST	106	18	47	-	34	51	0.4	0.1	0.1	-	0.1	0.2
90121I	EDMONTON, ALTA. 17 STREET & 105 AVENUE	43	32	29	58	26	38	-	-	-	-	-	-
90122R	127 ST. & 133 AVENUE	44	25	32	52	27	36	-	-	-	-	-	-
90130C	10255 - 104TH STREET	35	31	41	145	96	70	-	-	-	-	-	-
90204C	CALGARY, ALTA. 316-7TH AVENUE	74	256	107	134	133	141	-	-	-	-	-	-
90218I	BONNY BRK & 18A ST. S.E.	58	75	110	86	107	87	-	-	-	-	-	-
90222R	39 ST. & 29 AVE. N.W.	47	48	61	76	53	57	-	-	-	-	-	-

SUSPENDED PARTICULATE MATTER AND LEAD
MICROGRAMS PER CUBIC METRE

MARCH - MARS
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
		6	12	18	24	30		6	12	18	24	30	
90301C	RED DEER, ALTA. 4747 50TH STREET	15	20	33	54	95	43	-	-	-	-	-	-
90501C	LETHBRIDGE, ALTA. 13 ST. & 9 AVENUE S.	28	13	27	67	87	44	-	-	-	-	-	-
99001C	YELLOWKNIFE, N.W.T. 50TH AVE. & 49TH STREET	-	40	49	250	150	122	-	0.2	0.3	0.2	0.2	0.2
00102R	VANCOUVER, B.C. 100 RICHMOND STREET	-	36	94	-	39	56	-	0.4	0.5	-	0.3	0.4
00104R	27TH & ONTARIO	49	23	65	86	32	51	0.8	0.4	0.4	0.9	0.4	0.6
00106R	2294 WEST 10TH AVENUE	-	27	47	80	35	47	-	0.4	0.6	0.8	0.5	0.6
00108I	250 WEST 70TH AVENUE	63	42	97	157	50	82	1.3	0.3	1.1	1.5	0.4	0.9
00109C	970 BURRARD	77	58	95	116	52	80	1.0	0.8	1.3	1.2	0.6	1.0
00110R	E. HASTINGS & KENSINGTON	39	32	48	-	23	36	0.7	0.5	0.5	-	0.3	0.5
00111I	ROCKY PT. PARK	59	26	72	79	27	53	0.8	0.5	0.7	0.7	0.3	0.6
00113I	ANNACIS ISLAND, DELTA	89	21	-	140	50	75	0.9	0.0	-	0.6	0.4	0.5
00114C	MUNICIPAL HALL, RICHMOND	85	19	-	106	-	70	1.8	0.2	-	1.1	-	1.0
00115R	NEWTON ELEM. SCH., SURREY	-	21	55	149	24	62	-	0.1	0.5	0.6	0.2	0.3
00116R	FIRE HALL, N. VANCOUVER	56	30	84	80	27	55	0.9	0.5	2.4	1.0	0.3	1.0
00117R	BCIT BURNABY	67	24	59	105	27	56	1.8	0.3	0.7	1.3	0.4	0.9
00202C	PRINCE GEORGE, B.C. 1011 4TH AVENUE	56	60	219	169	82	117	0.5	0.2	0.8	0.5	0.1	0.4
00302C	VICTORIA, B.C. 1106 COOK ST.	83	24	37	72	43	52	1.3	0.3	0.3	0.7	0.6	0.6
00401C	KAMLOOPS, B.C. 301 SEYMOUR ST.	318	127	236	125	68	175	0.9	0.3	1.0	0.5	0.3	0.6
09001C	WHITEHORSE, YUKON FEDERAL BUILDING	278	-	13	77	143	128	0.6	-	0.1	0.2	0.4	0.3

COMBINATION OF SULPHUR DIOXIDE AND
SUSPENDED PARTICULATES
1000*(MICROGRAMS/CU.METRE)**2MARCH - MARS
1982DIOXYDE 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	0
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	-	-	-	1	2
30114R	HALIFAX, N.S. MT ST VINCENT UNIVERSITY	0	-	-	1	-
30115I	CFB SHEARWATER	-	-	0	0	0
30310C	SYDNEY, N.S. COUNTY JAIL	0	0	1	2	-
30311R	WHITNEY PIER FIRE STN.	-	-	-	-	-
30408R	GLACE BAY, N.S. SOUTH STREET	-	-	4	1	1
50102R	MONTREAL, QUEBEC JARDIN BOTANIQUE	-	-	5	4	3
50103R	POINTE-AUX-TREMBLES	2	2	3	5	-
50104C	1125 ONTARIO EST	1	7	8	6	5
50105C	1212 DRUMMOND	6	10	6	11	7
50106R	VILLE ST-LAURENT	-	-	-	-	-
50108R	1700 BOURASSA, LONGUEUIL	1	0	4	3	2
50109C	DUNCAN & DECARIE	0	7	9	8	5
50110C	PARC PILON, MTL.-NORD	3	4	8	7	-
50112C	BOUL. LAURENTIDES	3	3	12	6	6
50113R	PIE X & CARDINAL	0	0	1	0	0
50115C	METCALFE & MAISONNEUVE	-	-	-	-	-
50116R	3161 JOSEPH, VERDUN	1	3	8	2	3
50203R	HULL, QUEBEC GAMELIN & JOFFRE	1	2	4	5	4
50303I	QUEBEC, QUEBEC CENTRE LOISIRS LIMOULOU	2	7	21	29	8
50306R	2026 BLVD. ST-CYRILLE	1	1	7	5	3
50601C	ROUYN, QUEBEC HOTEL DE VILLE	-	-	0	0	1
50701C	SEPT-ILES, QUEBEC HOTEL DE VILLE	0	-	0	0	0
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	2	3	2	-	13
50901R	ARVIDA, QUEBEC POWELL & HOOPES	1	-	-	9	3
51201I	SHAWINIGAN, QUEBEC FRIGON & LAVAL	-	6	-	3	1
51301R	BAIE COMEAU, QUEBEC 39 AVE. MARGUETTE	-	-	-	-	-
60101C	OTTAWA, ONT. 88 SLATER ST.	1	1	5	5	4
60104C	RIDEAU & WURTEMBERG	1	4	-	-	1
60105R	NRC, MONTREAL ROAD	1	1	2	2	2
60201I	WINDSOR, ONT. MORTON TERMINAL DOCK	3	2	-	-	-
60204C	471 UNIVERSITY AVENUE	4	0	1	2	0
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	2	3	2	3	2
60403I	EVANS & ARNOLD	6	2	3	8	12
60409R	REDLANDS CRESCENT	1	1	0	0	0
60410R	LAWRENCE & KENNEDY	1	0	1	1	0
60412R	BATHURST & WILSON	3	-	5	8	7
60413R	ELMCREST ROAD	-	2	1	4	6
60414I	SHERBOURNE & WILTON ST.	3	1	2	0	8
60415R	QUEENSWAY W & HURONTARIO	9	5	3	5	2
60417C	26 BREADALBANE	3	4	3	-	3
60501C	HAMILTON, ONT. BARTON & SANFORD	5	4	4	3	22
60505R	NORTH PARK	2	1	1	10	0
60602R	SUDBURY, ONT. ASH STREET	0	1	0	1	4
60806R	THUNDER BAY, ONT. 435 JAMES S.	0	0	0	0	1
60901C	LONDON, ONT. KING & RECTORY	1	0	0	1	3

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

MARCH - MARS
1982

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	4	3	4	12	4
61103C	PETERBOROUGH, ONT. 500 GEORGE STREET	3	-	2	3	6
61201R	CORNWALL, ONT. MEMORIAL PARK	2	2	2	1	1
61301C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	3	2	1	1	6
61501C	KITCHENER, ONT. EDNA & FREDERICK	6	1	0	-	-
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	2	1	0	2	1
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	3	2	2	5	2
61801C	GUELPH, ONT. FARQUHAR & WYNDHAM	4	0	1	2	5
70118R	WINNIPEG, MAN. JEFFERSON & SCOTIA	0	-	-	0	0
70119C	65 ELLEN STREET	0	0	0	0	0
70120R	604 ST. MARY'S RD.	-	-	-	-	-
80109C	REGINA, SASK. 1620 ALBERT STREET	-	0	0	0	0
80209C	SASKATOON, SASK. IDYLWYLD DR. & 33RD ST.	-	0	0	0	0
80301C	MOOSE JAW, SASK. FAIRFORD ST. & 1ST AVE.	-	-	-	-	-
80401C	PRINCE ALBERT, SASK. 1257-1ST AVE. EAST	-	-	0	-	0
90121I	EDMONTON, ALTA. 17 STREET & 105 AVENUE	0	-	0	0	0
90218I	CALGARY, ALTA. BONNY BRK & 18A ST. S.E.	0	0	0	0	0
90222R	39 ST. & 29 AVE. N.W.	-	-	-	-	-
00106R	VANCOUVER, B.C. 2294 WEST 10TH AVENUE	-	1	1	3	0
00110R	E. HASTINGS & KENSINGTON	1	1	1	-	0
00111I	ROCKY PT. PARK	0	0	1	1	0
00302C	VICTORIA, B.C. 1106 COOK ST.	3	-	-	-	0
00401C	KAMLOOPS, B.C. 301 SEYMOUR ST.	1	0	1	0	0

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

MARCH - MARS
1982

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

STATION	LOCATION EMPLACEMENT	DUSTFALL RETOMBEES DE POUSSIÈRES	SO3
30301R	SYDNEY, N.S. MURPHY ROAD	1.3	0.2 **
30309I	PT EDWARD, RICHMOND PLST	4.5	0.2 **
30310C	COUNTY JAIL	5.4	0.3 **
30311R	WHITNEY PIER FIRE STN.	13.5	0.6 **
30401R	GLACE BAY, N.S. LAKE ROAD	10.1	0.5 **
30405C	GENERAL HOSPITAL	4.7	1.1 **
50101R	MONTREAL, QUEBEC PARC JARRY	-	-
50102R	JARDIN BOTANIQUE	1.0	- *
50103R	POINTE-AUX-TREMBLES	7.0	-
50106R	VILLE ST-LAURENT	-	-
50107R	VILLE LASALLE	-	-
60403I	TORONTO, ONT. EVANS & ARNOLD	6.3	-
60404R	5126 YONGE STREET	5.2	-
60405I	JOHN STREET PUMP STATION	10.9	-
60406R	ROSEHILL RESERVOIR	6.6	-
60408C	DANFORTH & ROBINSON	8.9	-
60501C	HAMILTON, ONT. BARTON & SANFORD	10.6	-
60502I	BURLINGTON & GAGE	19.5	-
60503I	CHATHAM & FRID	7.0	-
60507C	HUGHSON & HUNTER	10.3	-
60510I	STRATHEARN	30.3	-
60702R	SAULT STE. MARIE, ONT. ANNA MCREA PUBLIC SCHOOL	1.5	-
60703I	BAYVIEW & YOUNG	16.2	-
60801C	THUNDER BAY, ONT. 14 ALGOMA STREET	4.0	-
60901C	LONDON, ONT. KING & RECTORY	5.9	-
70105R	WINNIPEG, MAN. MARTIN & HENDERSON HWY	14.6	0.1 **
70110C	KENNEDY & ST. MARY'S	15.4	-
70113I	WINDERMERE & ROCKMAN	10.2	0.4 **
70115C	PORTAGE & MINTO	24.4	0.1 **
70116I	SMITH & KING	28.9	0.2 **
90125C	EDMONTON, ALTA. PRINS ELIZABETH & 108 ST	4.4	0.1 **
90126R	77 AVENUE & 85 STREET	2.4	0.0 **
90127I	115 AVENUE & 159 STREET	10.9	0.1 **
90128R	99 AVENUE & 160 STREET	4.5	- **
90219C	CALGARY, ALTA. 620-7TH AVENUE, S.W.	9.3	0.2 **
90221R	DALHOUSIE DR & DALHAM DR	4.3	- **
90223C	11 ST. & 38 AVE. S.E.	7.4	0.1 **
90224I	OGDENDALE & 71 AVE S.E.	28.6	- **
90225R	PALLISER DR & OAKWOOD SW	4.7	0.1 **
90226I	SHEPPARD & 84 AVE S.E.	2.7	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
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