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Monthly Summary February 1982

National Air Pollution Surveillance

Surveillance nationale de la pollution atmosphérique

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Surveillance Report
EPS 5-AP-82-2

Air Pollution
Control Directorate

Rapport de surveillance
EPS 5-AP-82-2

Direction générale de
l'assainissement de l'air

TD
890
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82-2

Canada

SULPHUR DIOXIDE
PARTS PER HUNDRED MILLION

FEBRUARY - FEVRIER
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
10101C	ST. JOHN'S, NFLD. DUCKWORTH & ORDINANCE	610	***	0	2	3	4	1	1	1	1
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	522	***	1	1	3	4	0	1	1	1
30114R	HALIFAX, N.S. MT ST VINCENT UNIVERSITY	473	***	0	2	4	6	1	1	2	2
30115I	CEB SHEARWATER	592	***	1	3	4	5	1	1	2	2
30116C	BARRINGTON & DUKE	570	1.3	2	3	4	5	2	2	3	3
30310C	SYDNEY, N.S. COUNTY JAIL	594	1.1	1	4	5	10	1	2	4	4
30311R	WHITNEY PIER FIRE STN.	110	---	1	6	12	14	2	3	3	4
30408R	GLACE BAY, N.S. SOUTH STREET	604	***	1	4	12	20	1	3	6	6
40202C	SAINT JOHN, N.B. POST OFFICE	629	***	1	3	5	9	1	2	3	3
50101R	MONTREAL, QUEBEC PARC JARRY	210	---	2	5	5	6	2	3	3	3
50102R	JARDIN BOTANIQUE	632	2.4	3	6	12	15	3	5	7	8
50103R	POINTE-AUX-TREMBLES	431	5.7	6	20	35	44	9	13	14	15
50104C	1125 ONTARIO EST	501	2.6	3	6	9	17	3	5	6	6
50105C	1212 DRUMMOND	616	4.2	5	8	13	22	5	7	8	8
50106R	VILLE ST-LAURENT	648	***	1	3	6	14	1	2	4	4
50108R	1700 BOURASSA, LONGUEUIL	279	---	2	4	5	6	2	4	4	4
50109C	DUNCAN & DECARIE	658	2.0	2	6	10	13	3	5	5	6
50110C	PARC PILON, MTL.-NORD	647	2.0	2	4	7	9	2	4	5	5
50112C	BOUL. LAURENTIDES	525	2.0	3	6	8	14	2	4	5	5
50113R	PIE X & CARDINAL	506	1.4	2	5	7	9	2	4	5	5
50115C	METCALFE & MAISONNEUVE	0	---	-	-	-	-	-	-	-	-
50116R	3161 JOSEPH, VERDUN	657	1.6	2	4	7	15	2	4	4	4
50203R	HULL, QUEBEC GAMBLIN & JOFFRE	585	1.4	2	3	4	7	2	2	3	3
50303I	QUEBEC, QUEBEC CENTRE LOISIRS LIMOILLOU	285	---	3	9	23	28	3	6	7	7
50304C	325 DORCHESTER SUD	586	3.8	4	14	23	40	5	8	11	13
50306R	2026 BLVD. ST-CYRILLE	616	2.7	3	9	15	28	4	7	8	9
50601C	ROUYN, QUEBEC HOTEL DE VILLE	614	***	0	5	11	23	1	4	5	5
50701C	SEPT-ILES, QUEBEC HOTEL DE VILLE	550	***	1	2	3	19	1	2	2	3
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	578	2.0	2	5	6	6	2	3	4	4
50901R	ARVIDA, QUEBEC POWELL & HOOPES	547	1.3	1	5	13	15	1	3	4	5
51001R	TRACY, QUEBEC 3225 AVE COURSHESNE	551	1.3	2	4	6	11	2	3	4	4
51201I	SHAWINIGAN, QUEBEC FRIGON & LAVAL	632	1.5	2	4	10	19	2	4	4	5
51301R	BAIE COMEAU, QUEBEC 39 AVE. MARGUETTE	554	2.5	2	8	36	58	2	12	13	14
60101C	OTTAWA, ONT. 88 SLATER ST.	644	2.6	3	6	8	12	3	5	6	6
60104C	RIDEAU & WURTEMBERG	555	***	1	3	5	9	1	2	3	3
60105R	NR, MONTREAL ROAD	613	***	1	2	3	4	1	2	3	3
60201I	WINDSOR, ONT. MORTON TERMINAL DOCK	669	1.4	2	4	6	10	2	3	3	3
60204C	471 UNIVERSITY AVENUE	660	1.9	2	7	10	14	2	5	6	7
60211R	COLLEGE & PRINCE	665	1.3	1	3	4	5	2	2	2	2
60302R	KINGSTON, ONT. NAPIER STREET	0	---	-	-	-	-	-	-	-	-
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	662	1.6	2	4	9	23	2	4	6	6
60403I	EVANS & ARNOLD	151	---	0	2	3	3	1	1	1	1
60409R	REDLANDS CRESCENT	566	***	1	2	5	13	1	2	3	4
60410R	LAWRENCE & KENNEDY	655	***	1	2	7	22	1	3	5	5
60412R	BATHURST & WILSON	635	1.4	2	3	5	8	2	3	4	4

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

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

SULPHUR DIOXIDE
PARTS PER HUNDRED MILLIONFEBRUARY - FEVRIER
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 - INTERVALS - INTERVALLES				DISTRIBUTIONS DES FREQUENCES MEANS ---- MOYENNES			
				1-HOUR / HEURE				24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX
60413R	ELMCREST ROAD	391	1.1	1	3	4	5	1	3	3	3
60414I	SHERBOURNE & WILTON ST.	661	1.1	1	5	10	16	1	5	5	6
60415R	QUEENSWAY W & HURONTARIO	579	1.0	1	3	4	10	1	2	3	3
60417C	26 BREADALBANE	655	1.2	1	3	9	22	2	3	6	6
60501C	HAMILTON, ONT. BARTON & SANFORD	659	1.7	2	4	4	5	2	3	3	4
60505R	NORTH PARK	655	1.8	3	5	7	9	2	5	5	5
60602R	SUDSBURY, ONT. ASH STREET	662	1.3	2	5	8	19	1	4	5	5
60606C	KENNEDY STREET	662	1.5	1	6	16	51	2	4	10	10
60704C	SAULT STE. MARIE, ONT. QUEEN & ELGIN	652	***	1	1	3	5	1	1	2	2
60806R	THUNDER BAY, ONT. 435 JAMES S.	634	***	0	0	1	4	0	0	0	0
60901C	LONDON, ONT. KING & RECTORY	647	***	1	3	4	5	1	2	3	3
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	663	1.9	2	8	15	24	2	6	7	8
61103C	PETERBOROUGH, ONT. 500 GEORGE STREET	153	---	1	3	3	4	2	3	3	3
61201R	CORNWALL, ONT. MEMORIAL PARK	639	1.7	2	6	8	15	2	4	4	5
61301C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	634	1.0	1	3	5	9	1	3	3	3
61501C	KITCHENER, ONT. EDNA & FREDERICK	377	***	1	4	8	11	1	4	5	5
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	657	1.3	1	5	9	14	2	5	6	6
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	659	***	1	4	6	8	1	3	4	5
61801C	GUELPH, ONT. FARQUHAR & WYNDHAM	666	1.0	1	3	4	6	1	2	3	3
70118R	WINNIPEG, MAN. JEFFERSON & SCOTIA	628	***	0	0	2	5	0	0	1	1
70119C	65 ELLEN STREET	533	***	0	0	3	8	0	1	1	1
70120R	604 ST. MARY'S RD.	605	***	0	1	2	2	0	1	2	2
80109C	REGINA, SASK. 1620 ALBERT STREET	419	***	0	0	0	1	0	0	0	0
80209C	SASKATOON, SASK. IDYLWYLD DR. & 33RD ST.	451	***	0	0	0	0	0	0	0	0
80301C	MOOSE JAW, SASK. FAIRFORD ST. & 1ST AVE.	555	***	0	0	0	0	0	0	0	0
80401C	PRINCE ALBERT, SASK. 1257-1ST AVE. EAST	0	---	-	-	-	-	-	-	-	-
90121I	EDMONTON, ALTA. 17 STREET & 105 AVENUE	631	***	0	1	1	1	0	0	0	0
90218I	CALGARY, ALTA. BONNY BRK & 18A ST. S.E.	635	***	1	2	3	15	1	2	2	2
90222R	39 ST. & 29 AVE. N.W.	622	***	0	4	6	7	1	4	5	5
90227C	1611-4TH STREET S.W.	641	1.1	1	3	3	4	1	2	2	2
00106R	VANCOUVER, B.C. 2294 WEST 10TH AVENUE	647	***	1	2	2	3	1	1	2	2
00110R	E. HASTINGS & KENSINGTON	253	---	2	5	5	6	1	5	5	5
00111I	ROCKY PT. PARK	226	---	1	1	1	1	1	1	1	1
00112C	ROBSON/HORNBY	643	***	1	2	2	4	1	1	2	2
00302C	VICTORIA, B.C. 1106 COOK ST.	599	***	1	3	5	6	1	2	3	3
00401C	KAMLOOPS, B.C. 301 SEYMOUR ST.	591	***	0	0	2	3	0	0	1	1

*** 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 MILLIONFEBRUARY - FEVRIER
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	611	0.6	1	2	3	5	1	1	2	2	1	1	1	1
30116C	HALIFAX, N.S. BARRINGTON & DUKE	0	---	-	-	-	-	-	-	-	-	-	-	-	-
40202C	SAINT JOHN, N.B. POST OFFICE	672	0.6	0	3	6	12	1	3	4	4	1	2	3	3
50102R	MONTREAL, QUEBEC JARDIN BOTANIQUE	649	1.3	2	3	5	6	2	3	3	4	2	2	3	3
50103R	POINTE-AUX-TREMBLES	672	1.1	1	3	5	6	1	3	4	4	1	2	3	3
50104C	1125 ONTARIO EST	311	---	2	3	5	10	2	3	4	4	2	2	3	3
50108P	1700 BOURASSA, LONGUEUIL	0	---	-	-	-	-	-	-	-	-	-	-	-	-
50109C	DUNCAN & DECARIE	672	2.5	3	7	11	15	3	5	7	9	3	4	5	6
50110C	PARC PILON, MTL.-NORD	671	1.7	2	5	8	14	2	5	6	7	2	4	4	4
50112C	BOUL. LAURENTIDES	651	1.2	1	3	6	9	2	3	4	5	2	2	3	3
50113P	PIE X & CARDINAL	658	1.5	2	4	6	10	2	3	5	5	2	3	3	3
50114C	677 STE-CATHERINE O.	672	2.9	3	6	9	10	4	5	6	7	3	4	5	5
50115C	METCALFE & MAISONNEUVE	0	---	-	-	-	-	-	-	-	-	-	-	-	-
50116R	3161 JOSEPH, VERDUN	672	1.2	1	2	3	4	1	2	3	3	1	2	2	2
50203R	HULL, QUEBEC GAMBLIN & JOFFRE	658	1.0	1	3	4	7	1	2	3	4	1	2	2	2
50304C	QUEBEC, QUEBEC 325 DORCHESTER SUD	643	1.9	2	5	8	11	2	4	6	7	2	4	5	5
60101C	OTTAWA, ONT. 88 SLATER ST.	658	2.4	3	6	10	16	3	5	7	8	3	4	4	4
60104C	RIDEAU & WURTEMBERG	657	1.0	1	2	3	4	1	2	2	3	1	2	2	2
60204C	WINDSOR, ONT. 471 UNIVERSITY AVENUE	652	0.8	1	3	5	10	1	3	3	3	1	2	2	2
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	652	2.2	2	4	5	6	3	4	4	5	2	3	4	4
60403I	EVANS & ARNOLD	611	1.7	2	4	6	12	2	4	5	5	2	4	4	5
60410R	LAWRENCE & KENNEDY	657	1.6	2	3	5	8	2	3	3	4	2	2	2	3
60412R	BATHURST & WILSON	610	1.4	2	3	5	10	2	3	5	5	2	3	4	4
60413R	ELMCREST ROAD	594	1.9	2	4	5	10	2	3	5	5	3	3	3	3
60414I	SHERBOURNE & WILTON ST.	663	1.5	2	3	5	7	2	3	4	5	2	3	3	3
60415R	QUEENSWAY W & HURONTARIO	666	1.7	2	4	6	10	2	3	5	6	2	3	4	4
60416C	381 YONGE STREET	668	3.5	4	7	11	13	4	7	9	10	4	6	6	7
60417C	26 BREADALBANE	660	1.7	2	3	4	6	2	3	3	3	2	2	3	3
60501C	HAMILTON, ONT. BARTON & SANFORD	659	0.9	1	2	5	7	1	2	4	5	1	2	3	3
60602R	SUDBURY, ONT. ASH STREET	576	***	0	1	2	4	0	1	1	1	0	0	1	1
60901C	LONDON, ONT. KING & RECTORY	656	0.7	1	2	6	12	1	2	4	6	1	2	3	3
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	614	***	0	2	4	6	0	2	4	4	0	2	3	3
61201R	CORNWALL, ONT. MEMORIAL PARK	658	1.0	1	2	4	7	1	2	3	3	1	2	2	3
61301C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	634	0.5	1	2	4	7	1	2	3	4	1	2	3	3
61501C	KITCHENER, ONT. EDNA & FREDERICK	533	1.6	2	4	6	9	2	4	5	5	2	4	4	4
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	650	2.6	3	5	7	9	3	5	6	7	3	4	5	5
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	659	2.0	2	3	5	13	2	3	5	6	2	3	4	4
70118R	WINNIPEG, MAN. JEFFERSON & SCOTIA	572	***	1	2	3	4	1	1	3	3	1	1	2	2
70119C	65 ELLEN STREET	207	---	1	3	5	6	2	2	2	2	1	2	2	2
70120R	604 ST. MARY'S RD.	0	---	-	-	-	-	-	-	-	-	-	-	-	-
80109C	REGINA, SASK. 1620 ALBERT STREET	633	1.2	1	4	5	6	2	4	4	4	2	3	3	3
80209C	SASKATOON, SASK. IDYLLWYLD DR. & 33RD ST.	349	1.0	1	3	6	19	1	3	7	7	1	3	4	4

*** 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 MILLIONFEBRUARY - FEVRIER
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				CENTILES - DISTRIBUTIONS DES FREQUENCES				CENTILES - DISTRIBUTIONS DES FREQUENCES			
				INTERVALS - INTERVALLES		MEANS		MEANS		MEANS		MEANS		MEANS	
				1-HOUR / HEURE		8-HOUR / HEURES		24-HOUR / HEURES		70		70		70	
				70	95	99	MAX	70	95	99	MAX	70	95	99	MAX
EDMONTON, ALTA.															
901211	17 STREET & 105 AVENUE	646	1.0	1	3	5	8	1	3	4	4	1	2	3	3
90122R	127 ST. & 133 AVENUE	652	1.7	2	6	13	22	2	5	7	8	2	5	5	6
90130C	10255 - 104TH STREET	645	2.4	3	7	11	15	3	6	9	11	3	5	6	6
CALGARY, ALTA.															
90222R	39 ST. & 29 AVE. N.W.	672	1.1	1	3	6	18	1	3	5	6	1	2	3	3
90227C	1611-4TH STREET S.W.	623	2.2	2	8	12	20	3	7	10	11	2	5	8	9
VANCOUVER, B.C.															
00106P	2294 WEST 10TH AVENUE	0	---	-	-	-	-	-	-	-	-	-	-	-	-
001081	250 WEST 70TH AVENUE	662	1.2	1	4	7	8	1	4	5	6	1	3	4	4
00110R	E. HASTINGS & KENSINGTON	665	0.9	1	2	3	5	1	2	2	3	1	2	2	2
001111	ROCKY PT. PARK	634	1.1	1	3	4	5	1	2	4	4	1	2	3	3
00112C	ROBSON/HORNBY	667	2.4	3	5	7	10	3	5	6	7	3	3	4	4
VICTORIA, B.C.															
00302C	106 COOK ST.	225	---	1	3	7	9	1	2	4	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

FEBRUARY - FEVRIER
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 - INTERVALS - INTERVALLES				DISTRIBUTIONS DES FREQUENCES MEANS ---- MOYENNES			
				1-HOUR / HEURE				24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX
30115I	HALIFAX, N.S.	671	***	1	2	3	4	1	1	2	2
30116C	CPB SHEARWATER BARRINGTON & DUKE	660	1.2	2	2	3	3	2	2	2	2
40202C	SAINT JOHN, N.B. POST OFFICE	672	3.1	4	10	15	27	4	7	9	10
50102R	MONTREAL, QUEBEC										
50104C	JARDIN BOTANIQUE	671	3.2	4	6	7	10	4	5	6	6
50108R	1125 ONTARIO EST	499	4.0	4	6	7	9	4	5	6	6
50109C	1700 BOURASSA, LONGUEUIL	226	---	4	5	6	7	4	5	5	5
50110C	DUNCAN & DECARIE	650	2.8	3	6	11	14	3	5	9	9
50112C	PARC PILON, MTL.-NORD	0	---	-	-	-	-	-	-	-	-
50113R	BOUL. LAURENTIDES	643	3.4	4	6	9	10	4	5	5	6
50115C	PIE X & CARDINAL	659	3.3	4	7	8	9	4	5	6	6
50116R	METCALPE & MAISONNEUVE 316 JOSEPH, VERDUN	672	1.0	1	2	3	3	1	2	2	2
50203R	HULL, QUEBEC GAMBLIN & JOFFRE	672	2.1	3	5	6	7	3	4	4	4
50304C	QUEBEC, QUEBEC 325 DORCHESTER SUD	658	2.7	3	4	4	6	3	3	4	4
60101C	OTTAWA, ONT. 88 SLATER ST.	633	4.5	5	7	8	11	5	6	6	6
60104C	RIDEAU & WURTEMBERG	661	2.4	3	5	7	8	3	4	4	5
60105R	NRC, MONTREAL ROAD	672	2.1	3	5	6	7	3	4	4	4
60204C	WINDSOR, ONT. 471 UNIVERSITY AVENUE	660	4.1	5	7	8	10	5	6	7	7
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	664	2.4	3	4	5	6	3	4	4	4
60403I	EVANS & ARNOLD	655	3.7	4	5	8	12	4	6	7	7
60410R	LAWRENCE & KENNEDY	602	3.2	4	6	6	8	4	5	6	6
60412R	BATHURST & WILSON	655	3.6	5	6	7	8	4	5	6	6
60413R	ELMCREST ROAD	658	2.7	3	6	8	10	3	5	6	6
60414I	SHERBOURNE & WILTON ST.	661	3.5	4	5	6	8	4	5	5	5
60415R	QUEENSWAY W & HURONTARIO	0	---	-	-	-	-	-	-	-	-
60417C	26 BREADALBANE	654	2.8	3	5	5	6	3	4	4	4
60501C	HAMILTON, ONT. BARTON & SANFORD	657	3.6	4	6	9	11	4	5	8	8
60505R	NORTH PARK	654	3.2	4	6	7	9	4	5	6	6
60602R	SUDBURY, ONT. ASH STREET	663	1.2	2	3	4	5	2	3	3	3
60901C	LONDON, ONT. KING & RECTOR	652	3.1	4	6	8	11	4	5	6	6
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	588	2.2	3	6	7	9	3	4	5	5
61201R	CORNWALL, ONT. MEMORIAL PARK	634	2.0	3	5	6	8	3	4	5	5
61301C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	635	2.7	3	5	7	8	3	5	5	6
61501C	KITCHENER, ONT. EDNA & FREDERICK	532	3.7	4	7	9	10	4	6	6	6
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	657	2.5	3	5	6	8	3	4	5	6
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	658	2.4	3	5	6	7	3	4	5	5
70118R	WINNIPEG, MAN. JEFFERSON & SCOTIA	551	1.7	2	4	6	6	2	4	5	5
70119C	65 ELLEN STREET	417	2.3	3	4	4	4	3	3	3	3
80109C	REGINA, SASK. 1620 ALBERT STREET	0	---	-	-	-	-	-	-	-	-
90122R	EDMONTON, ALTA. 127 ST. & 133 AVENUE	627	3.6	4	7	10	12	4	7	8	8
90130C	10255 - 104TH STREET	604	6.8	9	12	16	26	8	12	13	14
90222R	CALGARY, ALTA. 39 ST. & 29 AVE. N.W.	649	2.4	3	5	6	9	3	4	4	4
90227C	1611-4TH STREET S.W.	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.

NITROGEN DIOXIDE
PARTS PER HUNDRED MILLION

FEBRUARY - FEVRIER
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	654	3.4	4	5	5	7	4	4	4	4
00108I	250 WEST 70TH AVENUE	664	2.3	3	4	4	6	3	3	3	3
00110R	E. HASTINGS & KENSINGTON	667	2.1	3	4	5	6	2	3	4	4
00111I	ROCKY PT. PARK	659	2.2	3	4	5	9	3	4	4	4
00112C	ROBSON/HORNBY	0	---	-	-	-	-	-	-	-	-
	VICTORIA, B.C.										
00302C	1106 COOK ST.	649	2.4	3	5	5	7	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.

OZONE PARTS PER HUNDRED MILLION		FEBRUARY - FEVRIER 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.	0	---	-	-	-	-	-	-	-	-
30116C	CPB SHEARWATER	216	----	1	2	2	2	1	1	1	1
40202C	BARRINGTON & DUKE										
	SAINT JOHN, N.B.										
	POST OFFICE	672	1.9	3	3	3	3	2	3	3	3
	MONTREAL, QUEBEC										
50102R	JARDIN BOTANIQUE	672	1.1	2	3	4	4	2	2	2	2
50103R	POINTE-AUX-TREMBLES	672	1.9	3	4	5	6	2	3	3	3
50104C	1125 ONTARIO EST	500	1.0	2	3	3	3	1	2	2	2
50108R	1700 BOURASSA, LONGUEUIL	442	1.4	2	3	3	4	2	2	2	2
50109C	DUNCAN & DECARIE	672	1.2	2	4	5	5	2	3	3	3
50110C	PARC PILON, MTL.-NORD	454	1.1	2	3	4	4	2	2	3	3
50112C	BOUL. LAURENTIDES	654	1.5	2	4	4	5	2	3	3	3
50113R	PIE X & CARDINAL	650	1.6	3	4	4	5	2	3	3	3
50115C	METCALPE & MAISONNEUVE	0	---	-	-	-	-	-	-	-	-
50116R	3161 JOSEPH, VERDUN	671	1.3	2	3	4	5	2	2	2	2
	QUEBEC, QUEBEC										
50304C	325 DORCHESTER SUD	611	0.6	1	2	2	2	1	2	2	2
50306R	2026 BLVD. ST-CYRILLE	660	2.2	3	4	5	12	3	4	4	4
	OTTAWA, ONT.										
60101C	88 SLATER ST.	670	1.1	2	2	3	3	1	2	2	2
60104C	RIDEAU & WURTEMBERG	657	1.5	2	3	3	4	2	2	3	3
60105R	NRC, MONTREAL ROAD	639	1.3	2	3	3	3	2	2	2	2
	WINDSOR, ONT.										
60204C	471 UNIVERSITY AVENUE	658	1.2	2	3	4	4	1	2	3	3
	TORONTO, ONT.										
60402R	DON MILLS, SCIENCE CNTR	593	1.2	2	3	3	4	1	2	2	2
60403I	EVANS & ARNOLD	194	---	1	2	3	3	1	2	2	2
60410R	LAWRENCE & KENNEDY	654	1.3	2	3	4	4	2	3	3	3
60413R	ELMCREST ROAD	663	1.8	2	4	5	5	2	3	4	4
60414I	SHERBOURNE & WILTON ST.	618	1.1	1	3	3	4	1	2	2	2
60415R	QUEENSWAY W & HURONTARIO	666	1.4	2	3	4	4	2	2	3	3
60417C	26 BREADALBANE	653	1.2	2	3	3	4	2	2	2	2
	HAMILTON, ONT.										
60501C	BARTON & SANFORD	652	2.0	3	4	5	6	2	3	4	4
	SUDBURY, ONT.										
60602R	ASH STREET	663	1.3	2	2	3	3	2	2	2	2
	THUNDER BAY, ONT.										
60806R	435 JAMES S.	667	1.4	2	3	3	5	2	2	3	3
	LONDON, ONT.										
60901C	KING & RECTORY	652	1.8	3	4	5	6	2	3	3	3
	SARNIA, ONT.										
61004R	FRONT ST. AT C.N. TRACKS	659	2.2	3	4	5	6	3	4	4	4
	CORNWALL, ONT.										
61201R	MEMORIAL PARK	651	2.4	3	4	4	5	3	3	4	4
	ST. CATHARINES, ONT.										
61301C	NORTH ST. & GENEVA ST.	655	2.4	3	4	5	6	3	4	4	4
	KITCHENER, ONT.										
61501C	EDNA & FREDERICK	531	1.5	2	3	4	5	2	2	3	3
	OAKVILLE, ONT.										
61602R	BRONTE AND WOBURN CRES.	665	1.8	2	4	4	5	2	3	4	4
	OSHAWA, ONT.										
61701R	RITSON RD. & OLIVE AVE.	657	2.3	3	5	6	6	3	3	4	4
	WINNIPEG, MAN.										
70118R	JEFFERSON & SCOTIA	12	---	1	1	1	1	-	-	-	-
70119C	65 ELLEN STREET	570	0.7	1	3	3	4	1	2	2	3
	REGINA, SASK.										
80109C	1620 ALBERT STREET	250	---	3	4	5	5	3	4	4	4
	EDMONTON, ALTA.										
90122R	127 ST. & 133 AVENUE	644	2.1	3	5	5	6	3	4	5	5
90130C	10255 - 104TH STREET	636	1.3	2	3	4	4	2	3	3	3
	CALGARY, ALTA.										
90222R	39 ST. & 29 AVE. N.W.	671	2.0	3	4	4	5	2	3	4	4
90227C	1611-4TH STREET S.W.	642	1.0	1	3	3	4	1	2	2	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 MILLIONFEBRUARY - FEVRIER
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				MEANS ---- MOYENNES			
				INTERVALS - INTERVALLES				24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX
	VANCOUVER, B.C.										
00106R	2294 WEST 10TH AVENUE	656	0.7	1	2	3	4	1	1	2	2
00108I	250 WEST 70TH AVENUE	656	0.9	1	3	3	4	1	2	2	2
00110R	E. HASTINGS & KENSINGTON	668	1.2	2	3	3	4	2	2	3	3
00111I	ROCKY PT. PARK	546	1.1	2	3	4	4	2	2	3	3
00112C	ROBSON/HORNBY	665	***	0	1	2	2	1	1	1	1
	VICTORIA, B.C.										
00302C	1106 COOK ST.	643	1.2	2	3	3	4	1	2	2	2

*** CALCULATED MEANS ARE BELOW 5 PARTS PER BILLION.
LES MOYENNES SONT INFERIEURES A 5 PARTIES PAR BILLION.

SOILING INDEX
 COH UNITE REP 1000 LINKAW FT.

FEBRUARY - FEVRIER
 1982

INDICE DE SOUILLURE
 UNITES COH PAR 1000 PIERES LINKAIRES

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	260	0.21	0.2	0.7	0.9	1.5	0.3	0.5	0.7	0.8
50103R	POINTE-AUX-TREMBLES	336	0.36	0.4	0.9	1.2	1.3	0.4	0.7	0.8	0.9
50104C	1125 ONTARIO EST	235	0.54	0.6	1.2	1.9	2.3	0.6	0.9	1.0	1.0
50105C	1212 DRUMMOND	333	0.37	0.4	0.8	1.4	1.5	0.4	0.6	0.7	0.8
50106R	VILLE ST-LAURENT	336	****	0.1	0.3	0.4	0.6	0.1	0.2	0.2	0.2
50109C	DUNCAN & DECARIE	329	0.67	0.8	1.5	2.0	2.4	0.9	1.1	1.2	1.2
50110C	PARC PILON, MTL.-NORD	323	0.47	0.6	1.1	1.7	2.1	0.6	1.0	1.1	1.1
50115C	METCALFE & MAISONNEUVE	0	----	---	---	---	---	---	---	---	---
50116R	3161 JOSEPH, VERDUN	336	0.30	0.3	0.7	0.8	1.0	0.3	0.6	0.6	0.7
HULL, QUEBEC											
50203R	GAMELIN & JOFFRE	335	0.35	0.4	0.9	1.3	1.4	0.4	0.6	0.7	0.7
QUEBEC, QUEBEC											
50303I	CENTRE LOISIRS LIMOILLOU	0	----	-	-	-	-	-	-	-	-
TROIS-RIVIERES, QUEBEC											
50801R	HART & STE-CECILE	315	0.48	0.5	0.9	1.2	1.3	0.5	0.7	0.7	0.7
SHAWINIGAN, QUEBEC											
51201I	PIGON & LAVAL	236	0.30	0.3	0.8	1.0	1.1	0.4	0.5	0.6	0.6
OTTAWA, ONT.											
60101C	82 SLATER ST.	293	0.38	0.5	0.9	1.5	1.7	0.5	0.7	0.8	0.8
60103C	GILMOUR STREET	165	----	0.5	0.7	1.0	1.2	0.4	0.5	0.5	0.5
60104C	RIDEAU & WURTEMBURG	657	(1) 0.37	0.4	0.9	1.1	1.8	0.4	0.7	0.9	0.9
WINDSOR, ONT.											
60204C	471 UNIVERSITY AVENUE	658	(1) 0.60	0.7	1.4	1.8	2.1	0.8	1.0	1.0	1.1
60211R	COLLEGE & PRINCE	613	(1) 0.57	0.7	1.3	1.6	1.7	0.7	1.0	1.0	1.0
KINGSTON, ONT.											
60302R	NAPIER STREET	81	----	0.2	0.5	0.8	0.8	0.2	0.3	0.3	0.3
TORONTO, ONT.											
60402R	DON MILLS, SCIENCE CNTR	334	0.25	0.4	0.8	1.0	1.6	0.3	0.5	0.6	0.6
60403I	EVANS & ARNOLD	648	(1) 0.49	0.6	1.2	1.7	2.6	0.6	0.9	1.0	1.1
60409R	REDLANDS CRESCENT	335	0.19	0.3	0.6	0.9	0.9	0.2	0.3	0.4	0.4
60410R	LAWRENCE & KENNEDY	661	(1) 0.46	0.6	0.9	1.1	1.5	0.6	0.7	0.8	0.8
60412R	BATHURST & WILSON	658	(1) 0.59	0.7	1.3	1.6	2.2	0.7	1.0	1.2	1.3
60413R	ELMCREST ROAD	333	0.22	0.2	0.6	1.0	1.4	0.2	0.5	0.6	0.7
60414I	SHERBOURNE & WILTON ST.	663	(1) 0.63	0.7	1.3	1.7	1.9	0.8	1.1	1.3	1.3
60415R	QUEENSWAY W & HURONTARIO	335	0.35	0.5	0.9	1.5	2.5	0.4	0.7	0.8	0.8
60417C	26 BREADALBANE	664	(1) 0.60	0.7	1.1	1.3	1.6	0.7	0.9	1.0	1.0
HAMILTON, ONT.											
60501C	BARTON & SANFORD	657	(1) 0.63	0.7	1.4	1.9	2.4	0.7	1.1	1.7	1.7
60505R	NORTH PARK	657	(1) 0.71	1.0	1.5	2.2	2.3	0.9	1.3	1.7	1.7
SUDBURY, ONT.											
60602R	ASH STREET	663	(1) 0.20	0.2	0.5	1.2	1.3	0.2	0.4	0.8	0.8
THUNDER BAY, ONT.											
60806R	435 JAMES S.	332	0.19	0.3	0.6	0.9	1.2	0.2	0.3	0.4	0.4
LONDON, ONT.											
60901C	KING & RECTORY	657	(1) 0.46	0.6	1.1	1.6	1.9	0.5	0.9	1.0	1.1
60902C	372 DUNDAS	283	0.28	0.4	0.6	0.9	1.1	0.3	0.5	0.6	0.6
SARNIA, ONT.											
61004R	FRONT ST. AT C.N. TRACKS	657	(1) 0.40	0.5	0.9	1.4	2.1	0.5	0.7	0.8	0.9
PETERBOROUGH, ONT.											
61103C	500 GEORGE STREET	336	0.20	0.2	0.6	1.4	2.1	0.2	0.4	0.8	0.8
CORNWALL, ONT.											
61201R	MEMORIAL PARK	641	(1) ****	0.1	0.2	0.3	0.5	0.1	0.1	0.2	0.2
ST. CATHARINES, ONT.											
61301C	NORTH ST. & GENEVA ST.	657	(1) 0.33	0.4	0.8	1.6	2.0	0.4	0.7	1.2	1.2
KITCHENER, ONT.											
61501C	EDNA & FREDERICK	335	0.36	0.4	1.2	2.2	2.2	0.4	1.0	1.3	1.4
OAKVILLE, ONT.											
61602R	BRONTE AND WOBURN CRES.	662	(1) 0.44	0.5	1.0	1.5	1.7	0.5	0.9	1.2	1.3
OSHAWA, ONT.											
61701R	RITSON RD. & OLIVE AVE.	658	(1) 0.52	0.6	1.1	1.8	2.1	0.6	1.0	1.0	1.1

 (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.FEBRUARY - FEVRIER
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	332	0.23	0.3	0.7	1.2	2.0	0.3	0.5	0.5	0.6
70118R	WINNIPEG, MAN. JEFFERSON & SCOTIA	223	****	0.0	0.2	0.3	0.3	0.0	0.1	0.1	0.2
70119C	65 ELLEN STREET	288	****	0.1	0.2	0.3	0.3	0.1	0.2	0.2	0.2
70120R	604 ST. MARY'S RD.	307	****	0.1	0.3	0.5	0.8	0.1	0.3	0.3	0.4
80209C	SASKATOON, SASK. IDYLWYLD DR. & 33RD ST.	335	****	0.1	0.2	0.2	0.4	0.1	0.1	0.2	0.2
90122R	EDMONTON, ALTA. 127 ST. & 133 AVENUE	672	(1) 0.32	0.4	1.1	1.6	1.7	0.4	0.9	1.1	1.1
90130C	10255 - 104TH STREET	661	(1) 0.39	0.4	1.0	1.6	2.7	0.4	1.0	1.2	1.2
90218I	CALGARY, ALTA. BONNY BRK & 18A ST. S.E.	653	(1) 0.43	0.4	1.5	2.4	3.0	0.4	1.1	1.8	1.9
90222R	39 ST. & 29 AVE. N.W.	672	(1) 0.13	0.2	0.4	0.8	1.6	0.2	0.3	0.3	0.3
90227C	1611-4TH STREET S.W.	672	(1) 0.44	0.5	1.0	1.7	2.2	0.5	0.8	1.0	1.1
00102R	VANCOUVER, B.C. 100 RICHMOND STREET	319	0.33	0.5	1.0	1.4	2.3	0.3	0.8	1.0	1.0
00106R	2294 WEST 10TH AVENUE	80	----	1.0	1.6	2.3	2.3	0.9	1.0	1.1	1.1
00108I	250 WEST 70TH AVENUE	322	0.35	0.5	1.1	1.4	1.7	0.4	0.8	0.9	0.9
00110R	E. HASTINGS & KENSINGTON	50	----	0.2	0.6	0.7	0.7	0.2	0.3	0.3	0.3
00111I	ROCKY PT. PARK	294	0.32	0.5	1.0	1.1	1.2	0.3	0.7	0.8	0.8
00112C	ROBSON/HORNBY	308	0.30	0.5	0.8	1.0	1.5	0.3	0.5	0.6	0.6
00202C	PRINCE GEORGE, B.C. 1011 4TH AVENUE	336	0.11	0.2	0.4	0.5	0.5	0.1	0.2	0.3	0.3
00302C	VICTORIA, B.C. 1106 COOK ST.	336	0.36	0.5	1.1	1.8	2.5	0.4	0.7	0.8	0.9
09001C	WHITEHORSE, YUKON FEDERAL BUILDING	313	0.34	0.4	1.1	1.7	2.7	0.5	0.9	0.9	1.0

(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

FEBRUARY - FEVRIER
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
		4	10	16	22	28		4	10	16	22	28	
10101C	ST. JOHN'S, NFLD. DUCKWORTH & ORDINANCE	11	26	-	-	-	-	0.1	0.1	-	-	-	-
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	15	66	6	19	19	25	0.1	0.1	0.1	0.1	0.1	0.1
30101C	HALIFAX, N.S. N.S. TECHNICAL COLLEGE	35	33	48	19	72	41	0.2	0.2	0.2	0.1	0.1	0.2
30102R	DALHOUSIE UNIVERSITY	19	23	34	20	32	26	0.1	0.2	0.2	0.1	0.1	0.1
30114P	MT ST VINCENT UNIVERSITY	17	21	25	-	20	21	0.1	0.2	0.1	-	0.0	0.1
30115I	CPB SHEARWATER	-	-	-	-	-	-	-	-	-	-	-	-
30310C	SYDNEY, N.S. COUNTY JAIL	23	27	-	26	34	28	0.4	0.2	-	0.1	0.1	0.2
30311R	WHITNEY PIER FIRE STN.	95	32	67	27	32	51	0.3	0.3	0.3	0.1	0.2	0.2
30408R	GLACE BAY, N.S. SOUTH STREET	51	24	40	20	30	33	0.0	0.0	0.0	0.0	0.0	0.0
40102C	FREDERICTON, N.B. YORK STREET	-	-	-	-	-	-	-	-	-	-	-	-
40201C	SAINT JOHN, N.B. 110 CHARLOTTE STREET	44	38	52	36	-	43	0.3	0.2	0.2	0.1	-	0.2
40301C	MONCTON, N.B. 774 MAIN STREET	-	-	-	-	-	-	-	-	-	-	-	-
50102R	MONTREAL, QUEBEC JARDIN BOTANIQUE	36	38	33	36	40	37	0.2	0.1	0.1	0.1	0.1	0.1
50103R	POINTE-AUX-TREMBLES	45	58	43	52	37	47	-	-	-	-	-	-
50104C	1125 ONTARIO EST	40	38	71	76	40	53	0.4	0.3	0.5	0.3	0.3	0.4
50105C	1212 DRUMMOND	62	104	87	105	65	85	-	-	-	-	-	-
50106R	VILLE ST-LAURENT	-	-	-	-	-	-	-	-	-	-	-	-
50108R	1700 BOURASSA, LONGUEUIL	19	46	41	35	39	36	0.1	0.1	0.1	0.1	0.1	0.1
50109C	DUNCAN & DECARIE	108	160	88	128	83	113	1.1	2.1	0.7	1.1	0.3	1.1
50110C	PARC PILON, MTL.-NORD	44	49	75	67	70	61	-	-	-	-	-	-
50112C	BOUL. LAURENTIDES	22	23	45	76	44	42	0.2	0.1	0.2	0.2	0.4	0.2
50113R	PIE X & CARDINAL	20	20	27	45	24	27	0.1	0.1	0.1	0.1	-	0.1
50115C	METCALFE & MAISONNEUVE	-	-	-	-	-	-	-	-	-	-	-	-
50116R	3161 JOSEPH, VERDUN	63	48	57	61	54	57	0.8	0.3	0.3	0.3	0.9	0.5
50203R	HULL, QUEBEC GAMBLIN & JOFFRE	27	22	41	52	41	37	0.6	0.1	0.3	0.4	0.3	0.3
50303I	QUEBEC, QUEBEC CENTRE LOISIRS LIMOULOU	19	46	41	35	39	36	-	-	0.4	-	0.5	-
50306R	2026 BLVD. ST-CYRILLE	20	20	23	17	34	23	0.3	0.2	0.2	-	0.2	0.2
50402R	SHERBROOKE, QUEBEC CASERNE DE POMPIERS #5	-	-	-	-	-	-	-	-	-	-	-	-
50403C	WELLINGTON & ALBERT	-	-	-	-	-	-	-	-	-	-	-	-
50502R	CHICOUTIMI, QUEBEC USINE DE FILTRATION	45	67	30	28	31	40	0.2	0.5	0.1	0.3	0.1	0.2
50503C	222 RACINE	-	63	24	-	-	-	-	1.0	0.3	-	-	-
50601C	ROUYN, QUEBEC HOTEL DE VILLE	-	27	26	-	31	28	-	0.2	0.6	-	0.4	0.4
50701C	SEPT-ILES, QUEBEC HOTEL DE VILLE	-	-	-	-	-	-	-	-	-	-	-	-
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	52	41	60	65	82	60	0.8	0.3	0.6	0.7	0.7	0.6
50901R	ARVIDA, QUEBEC POWELL & HOOPES	23	49	20	25	35	30	0.1	0.5	0.1	0.1	0.4	0.2
51002R	TRACY, QUEBEC GARNEAU & RTE 132	22	36	21	37	-	29	0.1	0.1	-	0.2	-	0.1
51101C	THETFORD MINES, QUEBEC BOUL. STE-MARTHE	16	13	18	6	35	18	-	-	-	-	0.3	-
51201I	SHAWINIGAN, QUEBEC FRIGON & LAVAL	65	123	117	83	83	94	0.3	0.5	0.3	0.2	0.4	0.3
51301R	BAIE COMEAU, QUEBEC 39 AVE. MARGUETTE	-	-	-	-	7	-	-	-	-	-	-	-
60101C	OTTAWA, ONT. 88 SLATER ST.	46	59	63	64	46	56	0.4	0.6	0.2	0.4	0.3	0.4
60104C	RIDEAU & WURTEMBERG	-	6	26	36	39	27	-	0.0	0.0	0.2	0.2	0.1
60105R	NRC, MONTREAL ROAD	22	27	34	40	46	34	0.3	0.1	0.1	0.2	0.2	0.2
60201I	WINDSOR, ONT. MORTON TERMINAL DOCK	-	88	72	48	53	65	-	0.2	0.2	0.1	0.2	0.2
60202C	CITY HALL	122	-	48	35	-	68	0.9	-	0.2	0.2	-	0.4
60203R	TECUMSEH WATER WORKS	18	69	66	33	57	49	0.0	0.4	0.2	0.1	0.2	0.2
60204C	471 UNIVERSITY AVENUE	42	-	-	41	62	48	0.4	-	-	0.2	0.3	0.3

SUSPENDED PARTICULATE MATTER AND LEAD
MICROGRAMS PER CUBIC METRE

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PLOMB ET PARTICULES EN SUSPENSION
MICROGRAMMES PAR METRE CUBE

STATION	LOCATION EMPLACEMENT	PARTICULATES / PARTICULES						LEAD / PLOMB					
		DAY / JOUR					MEAN MOYENNE	DAY / JOUR					MEAN MOYENNE
		4	10	16	22	28		4	10	16	22	28	
60301R	KINGSTON, ONT. QUEEN'S UNIVERSITY	24	26	35	26	30	28	0.2	0.1	0.1	0.1	0.1	0.1
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	22	39	42	27	38	34	0.3	0.0	0.3	0.0	0.2	0.2
60403I	EVANS & ARNOLD	131	103	110	97	46	97	1.7	0.7	1.1	1.5	0.5	1.1
60409R	REDLANDS CRESCENT	24	64	90	23	52	51	0.2	0.1	0.0	0.0	0.0	0.1
60410R	LAWRENCE & KENNEDY	47	83	50	58	36	55	0.4	0.1	0.0	0.7	0.0	0.2
60412R	BATHURST & WILSON	39	61	59	48	63	54	0.4	0.3	0.6	0.5	1.0	0.6
60413R	ELMCREST ROAD	67	47	55	41	41	50	0.9	0.2	0.5	0.4	0.2	0.4
60414I	SHERBOURNE & WILTON ST.	65	78	44	66	79	66	0.3	0.4	0.3	0.2	0.0	0.2
60415R	QUEENSWAY W & HURONTARIO	94	119	106	85	109	103	1.2	0.5	0.8	0.7	0.5	0.7
60417C	26 BREADALBANE	33	38	50	38	38	39	0.3	0.0	0.0	0.0	0.2	0.1
60501C	HAMILTON, ONT. BARTON & SANFORD	40	40	121	59	52	62	0.4	2.3	0.7	0.3	0.1	0.8
60503I	CHATHAM & FRID	66	41	75	50	39	54	0.7	0.0	0.4	0.1	0.2	0.3
60505R	NORTH PARK	180	161	-	88	42	118	1.5	0.7	-	0.9	0.0	0.8
60602P	SUDBURY, ONT. ASH STREET	40	68	25	-	25	40	0.4	0.3	0.3	-	0.2	0.3
60605C	'9 LISGAR STREET	31	66	31	26	29	37	0.3	0.2	0.3	0.2	0.2	0.2
60705R	SAULT STE. MARIE, ONT. 550 QUEEN STREET WEST	71	92	68	57	49	67	1.1	0.6	0.7	0.3	0.2	0.6
60801C	THUNDER BAY, ONT. 14 ALGOMA STREET	42	49	28	25	37	36	0.4	0.3	0.1	0.3	0.1	0.2
60806R	435 JAMES S.	46	35	26	23	41	34	0.3	0.3	0.0	0.2	0.2	0.2
60901C	LONDON, ONT. KING & RECTORY	30	37	72	33	68	48	0.3	0.3	0.2	0.3	0.2	0.3
60902C	372 DUNDAS	22	-	55	22	41	35	0.2	-	0.2	0.0	0.1	0.1
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	-	69	42	37	112	65	-	0.2	0.0	0.0	0.2	0.1
61103C	PETERBOROUGH, ONT. 500 GEORGE STREET	22	29	-	21	67	35	0.3	0.1	-	0.1	0.1	0.2
61201R	CORNWALL, ONT. MEMORIAL PARK	33	32	32	47	42	37	0.3	0.0	0.0	0.3	0.2	0.2
61301C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	37	-	53	33	54	44	0.2	-	0.3	0.1	0.0	0.2
61501C	KITCHENER, ONT. EDNA & FREDERICK	29	28	86	32	87	52	0.4	0.2	0.9	0.4	0.9	0.6
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	40	70	47	39	33	46	0.3	0.1	0.1	0.2	0.0	0.1
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	24	57	58	49	48	47	0.2	0.3	0.3	0.3	0.3	0.3
61801C	GUELPH, ONT. FARQUHAR & WYNDHAM	35	29	40	28	35	33	0.6	0.1	0.0	0.0	0.0	0.1
70102R	WINNIPEG, MAN. PORTAGE & WOODLAWN	-	15	-	133	55	68	-	0.1	-	0.3	0.2	0.2
70104I	UNION STOCK YARDS	81	45	27	72	55	56	0.4	0.1	0.1	0.1	0.1	0.2
70118R	JEFFERSON & SCOTIA	-	25	16	40	31	28	-	0.2	0.1	0.1	0.1	0.1
70119C	65 ELLEN STREET	18	17	64	97	67	53	0.3	0.3	0.3	0.1	0.2	0.3
70120R	604 ST. MARY'S RD.	30	21	22	45	34	30	0.3	0.1	0.2	0.1	0.1	0.1
70201C	BRANDON, MAN. 11TH ST. & PRINCESS AVE.	20	14	17	59	80	38	0.1	0.1	0.1	0.2	0.1	0.1
80102R	REGINA, SASK. 3211 ALBERT STREET	-	21	19	18	29	22	-	0.2	0.1	0.1	0.1	0.1
80108C	12TH AVE. & SMITH ST.	18	28	19	83	37	37	0.3	0.3	0.2	0.2	0.1	0.2
80109C	1620 ALBERT STREET	14	21	24	123	25	41	0.2	0.2	0.4	0.4	0.1	0.3
80203R	SASKATOON, SASK. 30TH ST. & 833 P AVE.	47	20	44	24	169	61	0.2	0.1	0.2	0.2	0.1	0.2
80209C	IDYLWYLD DR. & 33RD ST.	51	26	87	61	192	83	0.2	0.2	0.2	0.2	0.1	0.2
80301C	MOOSE JAW, SASK. FAIRFORD ST. & 1ST AVE.	53	45	31	41	27	39	0.3	0.1	0.2	0.1	0.1	0.2
80401C	PRINCE ALBERT, SASK. 1257-1ST AVE. EAST	23	9	32	159	29	50	0.5	0.2	0.1	0.6	0.1	0.3
90121I	EDMONTON, ALTA. 17 STREET & 105 AVENUE	46	12	45	15	37	31	-	-	-	-	-	-
90122R	127 ST. & 133 AVENUE	67	7	52	35	21	36	-	-	-	-	-	-
90130C	10255 - 104TH STREET	54	22	46	79	36	47	-	-	-	-	-	-
90204C	CALGARY, ALTA. 316-7TH AVENUE	82	104	127	259	193	153	-	-	-	-	-	-
90218I	BONNY BRK & 18A ST. S.E.	103	78	91	27	112	82	-	-	-	-	-	-
90222R	39 ST. & 29 AVE. N.W.	24	28	-	40	63	39	-	-	-	-	-	-

SUSPENDED PARTICULATE MATTER AND LEAD
MICROGRAMS PER CUBIC METRE

FEBRUARY FEVRIER
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
		4	10	16	22	28		4	10	16	22	28	
90301C	RED DEER, ALTA. 4747 50TH STREET	28	21	42	14	29	27	-	-	-	-	-	-
90501C	LETHBRIDGE, ALTA. 13 ST. & 9 AVENUE S.	27	46	5	14	70	32	-	-	-	-	-	-
99001C	YELLOWKNIFE, N.W.T. 50TH AVE. & 49TH STREET	39	31	31	-	-	34	0.4	0.2	0.3	-	-	0.3
00102R	VANCOUVER, B.C. 100 RICHMOND STREET	98	71	20	-	18	52	0.8	0.3	0.3	-	0.2	0.4
00104R	27TH & ONTARIO	96	55	16	28	26	44	1.4	0.4	0.1	0.3	0.3	0.5
00106R	2294 WEST 10TH AVENUE	107	77	28	47	26	57	1.2	0.5	0.4	0.7	0.3	0.6
00108I	250 WEST 70TH AVENUE	140	184	18	54	36	86	1.2	0.4	0.2	0.4	0.3	0.5
00109C	970 BURRARD	115	71	17	-	-	68	1.3	0.3	0.2	-	-	0.6
00110R	E. HASTINGS & KENSINGTON	-	45	20	19	-	28	-	0.3	0.5	0.3	-	0.3
00111I	ROCKY PT. PARK	73	42	19	16	25	35	0.7	0.2	0.4	0.2	0.4	0.4
00113I	ANNACIS ISLAND, DELTA	116	73	24	28	28	54	0.9	0.4	0.3	0.2	0.2	0.4
00114C	MUNICIPAL HALL, RICHMOND	98	58	21	26	26	46	1.1	0.4	0.3	0.4	0.3	0.5
00115R	NEWTON ELEM. SCH., SURREY	155	45	-	18	-	73	1.0	0.2	-	0.2	-	0.5
00116R	FIRE HALL, N. VANCOUVER	55	30	23	19	20	29	0.8	0.3	0.4	0.5	0.3	0.4
00117R	BCIT BURNABY	89	48	38	21	24	44	1.5	0.4	0.8	0.4	0.3	0.7
00202C	PRINCE GEORGE, B.C. 1011 4TH AVENUE	65	30	75	81	55	61	0.3	0.1	0.5	0.5	0.1	0.3
00302C	VICTORIA, B.C. 1106 COOK ST.	63	66	32	28	35	45	0.7	0.8	0.3	0.3	0.3	0.5
00401C	KAMLOOPS, B.C. 301 SEYMOUR ST.	246	61	27	168	143	129	0.9	0.7	0.3	0.3	0.2	0.5
09001C	WHITEHORSE, YUKON FEDERAL BUILDING	25	15	16	26	53	27	0.4	0.2	0.2	0.2	0.7	0.3

COMBINATION OF SULPHUR DIOXIDE AND
SUSPENDED PARTICULATES
1000*(MICROGRAMS/CU.METRE)**2FEBRUARY - FEVRIER
1982DIOXYDE DE SOUFRE ET
PARTICULES EN ASSOCIATION
1000*(MICROGRAMMES/METRE CUBE)**2

STATION	LOCATION EMPLACEMENT	*----- DAY / JOUR -----*				
		4	10	16	22	28
10101C	ST. JOHN'S, NFLD. DUCKWORTH & ORDINANCE	0	1	-	-	-
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	0	1	0	0	-
30114R	HALIFAX, N.S. MT ST VINCENT UNIVERSITY	0	0	-	-	0
30115I	CFB SHEARWATER	-	-	-	-	-
30310C	SYDNEY, N.S. COUNTY JAIL	-	0	-	0	1
30311R	WHITNEY PIER FIRE STN.	-	-	-	-	-
30408R	GLACE BAY, N.S. SOUTH STREET	3	0	2	0	0
50102R	MONTREAL, QUEBEC JARDIN BOTANIQUE	-	1	1	2	1
50103R	POINTE-AUX-TREMBLES	-	11	2	-	1
50104C	1125 ONTARIO EST	2	2	3	-	2
50105C	1212 DRUMMOND	7	11	6	14	4
50106R	VILLE ST-LAURENT	-	-	-	-	-
50108R	1700 BOURASSA, LONGUEUIL	-	-	-	-	2
50109C	DUNCAN & DECARIE	-	3	2	7	1
50110C	PARC PILON, MTL.-NORD	2	2	3	2	3
50112C	BOUL. LAURENTIDES	0	0	0	2	2
50113R	PIE X & CARDINAL	0	1	0	0	0
50115C	METCALFE & MAISONNEUVE	-	-	-	-	-
50116R	3161 JOSEPH, VERDUN	2	2	1	2	1
50203R	HULL, QUEBEC GAMBLIN & JOFFRE	1	1	1	1	1
50303I	QUEBEC, QUEBEC CENTRE LOISIRS LIMOILLOU	-	-	1	-	3
50306R	2026 BLVD. ST-CYRILLE	1	1	1	0	2
50601C	ROUYN, QUEBEC HOTEL DE VILLE	-	1	0	-	1
50701C	SEPT-ILES, QUEBEC HOTEL DE VILLE	-	-	-	-	-
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	2	2	3	2	4
50901R	ARVIDA, QUEBEC POWELL & HOOPES	0	1	-	1	0
51201I	SHAWINIGAN, QUEBEC FRIGON & LAVAL	2	3	1	2	3
51301R	BAIE COMEAU, QUEBEC 39 AVE. MARGUETTE	-	-	-	-	1
60101C	OTTAWA, ONT. 88 SLATER ST.	4	5	3	2	3
60104C	RIDEAU & WURTEMBERG	-	0	0	0	1
60105R	NR. MONTREAL ROAD	0	0	0	0	1
60201I	WINDSOR, ONT. MORTON TERMINAL DOCK	-	1	6	2	1
60204C	471 UNIVERSITY AVENUE	1	-	-	2	1
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	1	1	2	1	1
60403I	EVANS & ARNOLD	-	-	-	-	0
60409R	REDLANDS CRESCENT	-	1	0	0	0
60410R	LAWRENCE & KENNEDY	1	2	1	2	0
60412R	BATHURST & WILSON	1	-	2	1	2
60413R	ELMCREST ROAD	1	1	2	-	-
60414I	SHERBOURNE & WILTON ST.	1	4	1	0	0
60415R	QUEENSWAY W & MURONTARIO	1	1	8	-	1
60417C	26 BREADALBANE	1	0	1	1	0
60501C	HAMILTON, ONT. BARTON & SANFORD	3	0	7	1	4
60505R	NORTH PARK	8	14	-	2	1
60602R	SUDBURY, ONT. ASH STREET	1	8	0	-	0
60806R	THUNDER BAY, ONT. 435 JAMES S.	0	0	0	0	0
60901C	LONDON, ONT. KING & RECTORY	1	1	0	1	0

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

FEBRUARY - FEVRIER
1982

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

STATION	LOCATION EMPLACEMENT	*----- DAY / JOUR -----*				
		4	10	16	22	28
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	-	5	0	2	2
61103C	PETERBOROUGH, ONT. 500 GEORGE STREET	-	-	-	-	2
61201R	CORNWALL, ONT. MEMORIAL PARK	1	2	-	1	0
61301C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	3	-	0	0	2
61501C	KITCHENER, ONT. EDNA & FREDERICK	1	0	-	-	2
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	2	4	1	1	0
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	1	1	1	1	1
61801C	GUELPH, ONT. FARQUHAR & WYNDHAM	2	0	0	0	1
70118R	WINNIPEG, MAN. JEFFERSON & SCOTIA	-	0	0	0	0
70119C	65 ELLEN STREET	0	-	1	0	0
70120R	604 ST. MARY'S RD.	0	0	0	0	0
80109C	REGINA, SASK. 1620 ALBERT STREET	-	-	0	0	0
80209C	SASKATOON, SASK. IDYLYLD DR. & 33RD ST.	0	-	0	-	-
80301C	MOOSE JAW, SASK. FAIRFORD ST. & 1ST AVE.	0	0	-	0	-
80401C	PRINCE ALBERT, SASK. 1257-1ST AVE. EAST	-	-	-	-	-
90121I	EDMONTON, ALTA. 17 STREET & 105 AVENUE	0	0	0	0	0
90218I	CALGARY, ALTA. BONNY BRK & 18A ST. S.E.	4	1	3	0	0
90222R	39 ST. & 29 AVE. N.W.	-	0	-	0	0
00106R	VANCOUVER, B.C. 2294 WEST 10TH AVENUE	-	2	0	0	0
00110R	E. HASTINGS & KENSINGTON	-	-	-	0	-
00111I	ROCKY PT. PARK	-	-	-	0	0
00302C	VICTORIA, B.C. 1106 COOK ST.	3	2	0	1	0
00401C	KAMLOOPS, B.C. 301 SEYMOUR ST.	0	0	0	0	0

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

FEBRUARY - FEVRIER
1982

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

STATION	LOCATION EMPLACEMENT	DUSTFALL RETOMBÉES DE POUSSIÈRES	S03
	SYDNEY, N.S.		
30301R	MURPHY ROAD	2.3	0.2 **
30309I	PT EDWARD, RICHMOND PLST	2.8	0.3 **
30310C	COUNTY JAIL	3.0	- **
30311R	WHITNEY PIER FIRE STN.	7.7	0.7 **
	GLACE BAY, N.S.		
30401R	LAKE ROAD	8.2	0.4 **
30405C	GENERAL HOSPITAL	2.7	0.6 **
	MONTREAL, QUEBEC		
50101R	PARC JARRY	-	-
50102R	JARDIN BOTANIQUE	3.0	- *
50103R	POINTE-AUX-TREMBLES	3.0	-
50106R	VILLE ST-LAURENT	-	-
50107R	VILLE LASALLE	-	-
	TORONTO, ONT.		
60403I	EVANS & ARNOLD	3.8	-
60404R	5126 YONGE STREET	1.7	-
60405I	JOHN STREET PUMP STATION	4.6	-
60406R	ROSEHILL RESERVOIR	2.4	-
60408C	DANFORTH & ROBINSON	3.1	-
	HAMILTON, ONT.		
60501C	BARTON & SANFORD	3.7	-
60502I	BURLINGTON & GAGE	9.7	-
60503I	CHATHAM & FRID	2.6	-
60507C	HUGHSON & HUNTER	3.4	-
60510I	STRATHEARN	18.3	-
	SAULT STE. MARIE, ONT.		
60702R	ANNA MCREA PUBLIC SCHOOL	0.9	-
60703I	BAYVIEW & YOUNG	13.4	-
	THUNDER BAY, ONT.		
60801C	14 ALGOMA STREET	1.2	-
	LONDON, ONT.		
60901C	KING & RECTORY	1.3	-
	WINNIPEG, MAN.		
70105R	MARTIN & HENDERSON HWY	4.5	0.2 **
70110C	KENNEDY & ST. MARY'S	5.9	-
70113I	WINDERMERE & ROCKMAN	3.5	0.1 **
70115C	PORTAGE & MINTO	18.0	0.1 **
70116I	SMITH & KING	15.3	- **
	EDMONTON, ALTA.		
90125C	PRINS ELIZABETH & 108 ST	5.0	0.1 **
90126R	77 AVENUE & 85 STREET	4.7	0.1 **
90127I	115 AVENUE & 159 STREET	1.6	- **
90128R	99 AVENUE & 160 STREET	1.7	- **
	CALGARY, ALTA.		
90219C	520-7TH AVENUE, S.W.	3.1	- **
90221R	DALHOUSIE DR & DALHAM DR	2.1	0.1 **
90223C	11 ST. & 38 AVE. S.E.	2.4	0.2 **
90224I	OGDENDALE & 71 AVE S.E.	8.2	0.1 **
90225R	PALLISER DR & OAKWOOD SW	-	0.1 **
90226I	SHEPPARD & 84 AVE S.E.	1.6	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

3408367H

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

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