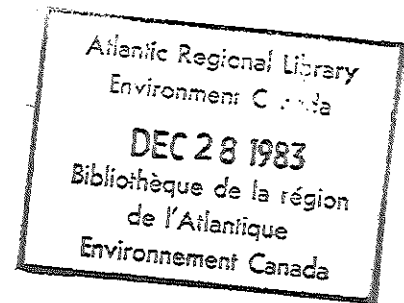




Environnement
Canada
Environmental
Protection
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Monthly Summary February 1983



National Air Pollution Surveillance

Surveillance nationale de la pollution atmosphérique

Extrait mensuel février 1983

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Environmental Protection
Programs Directorate

Direction générale des programmes
de protection de l'environnement

SULPHUR DIOXIDE
PARTS PER HUNDRED MILLIONFEBRUARY - FEVRIER
1983DIOXYDE DE SOUFRE
PARTIES PAR CENT MILLIONS

STATION	LOCATION EMPLACEMENT	NUMBER OF HOURLY SAMPLES NOMBRE DE DONNEES HORAIRES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS - CENTILES - DISTRIBUTIONS DES FREQUENCES				INTERVALS - INTERVALLES				MEANS ---- MOYENNES			
				1-HOUR / HEURE				24-HOUR / HEURES							
				70	95	99	MAX	70	95	99	MAX	70	95	99	MAX
10101C	ST. JOHN'S, Nfld. DUCKWORTH & ORDINANCE	598	***	1	2	3	7	1	2	2	2				
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	438	***	1	3	5	9	1	2	2	2				
30114R	HALIFAX, N.S. MT ST VINCENT UNIVERSITY	390	1.3	1	5	6	7	1	5	5	5				
30115I	CFB SHEARWATER	31	---	0	1	1	1	0	0	0	0				
30116C	BARRINGTON & DUKE	549	1.7	2	4	6	11	2	3	4	4				
30310C	SYDNEY, N.S. COUNTY JAIL	523	***	1	3	4	7	1	2	3	3				
30311R	WHITNEY PIER FIRE STN.	0	---	-	-	-	-	-	-	-	-				
30408R	GLACE BAY, N.S. SOUTH STREET	559	1.1	1	4	8	13	2	3	4	4				
40202C	SAINT JOHN, N.B. POST OFFICE	623	1.1	1	3	5	6	1	2	3	3				
50101R	MONTREAL, QUEBEC 7405 CHAMPAGNEUR	453	2.2	2	7	13	18	2	5	6	7				
50102R	JARDIN BOTANIQUE	641	1.6	2	4	6	10	2	3	3	3				
50103R	POINTE-AUX-TREMBLES	670	2.4	2	12	21	28	3	8	9	10				
50104C	1125 ONTARIO EST	672	1.2	1	3	4	6	1	2	3	3				
50106R	VILLE ST-LAURENT	646	1.6	2	4	6	12	2	3	3	3				
50108R	1700 BOURASSA, LONGUEUIL	539	***	1	2	3	3	1	2	2	2				
50109C	DUNCAN & DECARIE	669	2.3	3	6	9	14	3	4	5	6				
50110C	PARC PILON, MTL.-NORD	662	1.1	1	3	4	7	2	3	4	4				
50112C	BOUL. LAURENTIDES	593	***	1	2	4	5	1	2	2	2				
50113R	PIE X & CARDINAL	488	1.0	1	3	3	5	1	2	2	2				
50115C	1001 BOUL MAISONNEUVE O.	384	1.8	2	4	6	7	2	3	3	3				
50116R	3161 JOSEPH, VERDUN	511	***	1	2	4	8	1	2	2	2				
50203R	HULL, QUEBEC GAMBLIN & JOFFRE	583	1.4	2	3	5	15	2	3	4	4				
50303I	QUEBEC, QUEBEC CENTRE LOISIRS LIMOILLOU	259	---	4	23	31	35	9	13	14	14				
50304C	325 DORCHESTER SUD	594	6.3	4	28	47	73	7	19	26	27				
50306R	2026 BLVD. ST-CYRILLE	550	1.8	2	5	11	15	2	4	4	5				
50601C	ROUYN, QUEBEC HOTEL DE VILLE	524	1.6	0	10	24	38	2	5	10	10				
50701C	SEPT-ILES, QUEBEC HOTEL DE VILLE	574	***	0	1	3	3	0	1	1	1				
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	357	2.4	3	5	6	6	3	4	4	4				
50901R	ARVIDA, QUEBEC POWELL & HOOPES	569	2.1	1	11	13	15	2	8	11	12				
51001R	TRACY, QUEBEC 3225 AVE COURSHESNE	559	***	1	3	7	9	1	2	2	2				
51201I	SHAWINIGAN, QUEBEC FRIGON & LAVAL	323	---	3	7	19	28	3	6	7	7				
51301R	BAIE COMEAU, QUEBEC 39 AVE. MARGUETTE	558	3.9	2	22	44	51	5	12	23	25				
60101C	OTTAWA, ONT. 88 SLATER ST.	410	***	1	2	3	6	1	2	2	2				
60104C	RIDEAU & WURTEMBERG	658	***	1	2	4	7	1	2	3	3				
60105R	NRC, MONTREAL ROAD	605	***	1	3	4	6	1	2	2	3				
60201I	WINDSOR, ONT. MORTON TERMINAL DOCK	667	***	1	3	7	15	1	2	3	3				
60204C	471 UNIVERSITY AVENUE	641	1.0	1	3	8	13	1	2	3	3				
60211R	COLLEGE & PRINCE	660	***	1	3	7	15	1	2	3	3				
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	659	1.0	1	3	5	8	1	3	5	5				
60403I	EVANS & ARNOLD	648	***	1	2	4	5	1	2	3	3				
60409R	REDLANDS CRESCENT	666	1.2	2	3	4	8	2	3	4	4				
60410R	LAWRENCE & KENNEDY	656	***	1	4	6	7	1	3	5	5				
60412R	BATHURST & WILSON	654	***	1	4	5	9	1	3	4	4				
60413R	ELMCREST ROAD	658	***	1	2	4	6	1	2	2	3				
60414I	SHERBOURNE & WILTON ST.	655	***	0	2	3	6	0	1	2	2				
60415R	QUEENSWAY W & HURONTARIO	669	1.0	1	3	5	6	1	2	3	3				
60417C	26 BREADALBANE STREET	646	***	1	3	5	5	1	2	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
1983DIOXYDE DE SOUFRE
PARTIES PAR CENT MILLIONS

STATION	LOCATION EMPLACEMENT	NUMBER OF HOURLY SAMPLES NOMBRE DE DONNEES HORAIRES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS - CENTILES -				DISTRIBUTIONS DES FREQUENCES			
				INTERVALS - INTERVALLES				MEANS ---- MOYENNES			
				1-HOUR / HEURE				24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX
60501C	HAMILTON, ONT. BARTON & SANFORD	660	1.1	1	3	5	15	1	3	3	4
60505R	NORTH PARK	656	***	1	4	7	11	1	3	6	6
60602R	SUDBURY, ONT. ASH STREET	601	***	1	2	4	10	1	1	2	2
60606C	KENNEDY STREET	635	***	0	2	9	25	1	3	3	3
60704C	SAULT STE. MARIE, ONT. QUEEN & ELGIN	511	***	1	1	2	3	1	1	1	1
60806R	THUNDER BAY, ONT. 435 JAMES S.	657	***	0	0	1	2	0	0	0	0
60901C	LONDON, ONT. KING & RECTORY	648	***	1	2	3	4	1	2	2	2
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	609	1.8	2	8	11	21	2	6	8	8
61103C	PETERBOROUGH, ONT. 500 GEORGE STREET	671	***	0	2	3	4	0	1	2	2
61201R	CORNWALL, ONT. MEMORIAL PARK	656	1.5	2	6	8	12	2	3	5	6
61301C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	663	***	1	2	4	7	1	2	3	3
61501C	KITCHENER, ONT. EDNA & FREDERICK	666	***	1	2	3	6	1	2	2	2
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	580	***	0	2	4	6	0	2	3	3
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	659	***	1	3	5	6	1	3	3	3
61801C	GUELPH, ONT. FARQUHAR & WYNDHAM	666	***	1	2	3	4	1	2	2	2
70118R	WINNIPEG, MAN. JEFFERSON & SCOTIA	538	***	0	0	1	4	0	0	1	1
70119C	65 ELLEN STREET	597	***	0	0	1	1	0	0	0	0
70120R	604 ST. MARY'S RD.	644	***	0	1	2	2	0	1	1	1
80109C	REGINA, SASK. 1620 ALBERT STREET	91	---	0	0	0	0	0	0	0	0
80209C	SASKATOON, SASK. IDYLLWYLD DR. & 33RD ST.	598	***	0	0	0	0	0	0	0	0
80301C	MOOSE JAW, SASK. FAIRFORD ST. & 1ST AVE.	620	***	0	0	0	0	0	0	0	0
80401C	PRINCE ALBERT, SASK. 1257-1ST AVE. EAST	613	***	0	0	0	0	0	0	0	0
90121I	EDMONTON, ALTA. 17 STREET & 105 AVENUE	649	***	1	1	1	2	1	1	1	1
90218I	CALGARY, ALTA. BONNY BRK & 18A ST. S.E.	649	***	0	1	2	3	0	1	1	1
00106R	VANCOUVER, B.C. 2294 WEST 10TH AVENUE	643	***	1	1	2	2	1	1	1	1
00110R	E. HASTINGS & KENSINGTON	665	***	1	2	3	7	1	2	2	2
00111I	ROCKY PT. PARK	610	***	1	1	2	2	1	1	1	1
00112C	ROBSON/HORNEY	514	***	1	2	3	3	1	2	2	2
00302C	VICTORIA, B.C. 1106 COOK ST.	0	---	-	-	-	-	-	-	-	-
00401C	KAMLOOPS, B.C. 301 SEYMOUR ST.	487	***	0	0	0	1	0	0	0	0

*** 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.

CARBON MONOXIDE
PARTS PER MILLIONFEBRUARY - FEVRIER
1983MONOXYDE DE CARBONE
PARTIES PAR MILLION

STATION	LOCATION EMPLACEMENT	NUMBER OF HOURLY SAMPLES NOMBRE DE DONNEES HORAIRES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS - CENTILES - DISTRIBUTIONS DES FREQUENCES															
				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				
10101C	ST. JOHN'S, NFLD. DUCKWORTH & ORDINANCE	0	---	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30116C	HALIFAX, N.S. BARRINGTON & DUKE	0	---	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
40202C	SAINT JOHN, N.B. POST OFFICE	665	1.8	2	4	7	16	2	4	5	6	2	3	3	4				
	MONTREAL, QUEBEC																		
50102R	JARDIN BOTANIQUE	672	0.9	1	2	4	7	1	2	3	4	1	2	2	2				
50103R	POINTE-AUX-TREMBLES	671	0.9	1	2	3	5	1	2	2	3	1	1	2	2				
50104C	1125 ONTARIO EST	670	1.6	2	4	7	9	2	3	6	7	2	3	4	4				
50108R	1700 BOURASSA, LONGUEUIL	624	1.5	1	4	7	13	1	4	5	6	2	3	3	4				
50109C	DUNCAN & DECARIE	668	2.3	3	6	10	18	3	6	7	8	3	5	5	5				
50110C	PARC PILON, MTL.-NORD	0	---	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50112C	BOUL. LAURENTIDES	477	1.4	2	3	6	12	2	3	3	5	2	3	3	3				
50113R	PIE X & CARDINAL	664	1.3	1	3	4	7	1	2	3	4	1	2	2	3				
50115C	1001 BOUL MAISONNEUVE O.	670	2.8	3	6	9	12	3	5	7	7	3	4	4	4				
50116R	3161 JOSEPH, VERDUN	596	1.2	1	2	4	7	1	2	4	5	1	2	3	3				
50203R	HULL, QUEBEC GAMBLIN & JOFFRE	637	0.9	1	2	3	6	1	2	2	3	1	2	2	2				
50304C	QUEBEC, QUEBEC 325 DORCHESTER SUD	658	1.4	2	4	6	8	2	3	4	4	2	2	3	3				
60101C	OTTAWA, ONT. 88 SLATER ST.	557	2.5	3	6	9	11	3	5	6	7	3	4	4	4				
60104C	RIDEAU & WURTEMBERG	657	***	0	1	3	6	0	1	2	2	0	1	1	1				
60204C	WINDSOR, ONT. 471 UNIVERSITY AVENUE	620	1.0	1	2	4	9	1	3	4	4	1	2	3	3				
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	663	2.4	3	5	7	8	3	4	6	8	3	4	5	5				
60403I	EVANS & ARNOLD	648	2.7	3	5	6	9	4	5	6	6	4	4	5	5				
60410R	LAWRENCE & KENNEDY	647	1.0	1	3	6	9	1	3	5	6	1	2	3	4				
60412R	BATHURST & WILSON	648	2.0	2	4	6	8	2	4	5	5	2	3	3	4				
60413R	ELMCREST ROAD	626	1.5	2	3	4	7	2	3	4	4	2	3	3	4				
60414I	SHERBOURNE & WILTON ST.	650	1.4	2	4	5	8	2	3	4	4	2	3	3	4				
60415R	QUEENSWAY W & HURONTARIO	664	1.6	2	3	5	12	2	3	4	5	2	2	3	3				
60416C	381 YONGE STREET	669	3.9	4	9	14	15	4	8	11	14	4	7	8	8				
60417C	26 BREADALBANE STREET	640	1.4	2	3	4	5	2	3	3	3	2	2	3	3				
60501C	HAMILTON, ONT. BARTON & SANFORD	579	0.6	1	2	5	12	1	2	5	6	1	2	3	3				
60602R	SUDBURY, ONT. ASH STREET	635	***	0	1	2	7	0	1	2	2	0	1	1	1				
60901C	LONDON, ONT. KING & RECTORY	650	0.7	1	3	7	10	1	3	3	6	1	2	2	3				
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	644	***	0	1	3	6	0	1	1	2	0	1	1	1				
61201R	CORNWALL, ONT. MEMORIAL PARK	658	***	0	1	2	4	0	1	1	3	0	1	1	1				
61301C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	605	0.8	1	2	4	7	1	2	3	3	1	2	2	2				
61501C	KITCHENER, ONT. EDNA & FREDERICK	667	1.4	1	3	8	15	1	3	6	8	1	2	3	5				
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	628	1.5	2	4	6	11	2	3	5	5	2	3	3	4				
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	648	1.6	2	4	9	12	2	4	5	6	2	3	3	4				
70118R	WINNIPEG, MAN. JEFFERSON & SCOTIA	632	0.6	1	2	4	6	1	2	3	3	1	1	2	2				
70119C	65 ELLEN STREET	612	0.8	1	3	4	6	1	2	3	3	1	1	2	2				
70120R	604 ST. MARY'S RD.	414	0.6	1	2	3	4	1	2	2	2	1	1	1	1				
80109C	REGINA, SASK. 1620 ALBERT STREET	662	0.9	1	3	4	9	1	2	3	3	1	2	2	2				
80209C	SASKATOON, SASK. IDYLLWYLD DR. & 33RD ST.	658	***	1	2	2	6	1	1	2	2	1	1	1	2				

*** 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
1983MONOXYDE DE CARBONE
PARTIES PAR MILLION

STATION	LOCATION EMPLACEMENT	NUMBER OF HOURLY SAMPLES NOMBRE DE DONNEES HORAIRES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS -				CENTILES - DISTRIBUTIONS DES FREQUENCES				MEANS ----- MOYENNES			
				INTERVALS - INTERVALLES				MEANS ----- MOYENNES				MEANS ----- MOYENNES			
				1-HOUR / HEURE				8-HOUR / HEURES				24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX	70	95	99	MAX
EDMONTON, ALTA.															
90121I	17 STREET & 105 AVENUE	658	0.9	1	3	5	7	1	2	5	5	1	2	4	4
90122R	127 ST. & 133 AVENUE	649	1.5	2	5	9	15	2	5	7	8	2	4	5	6
90130C	10255 - 104TH STREET	654	2.1	3	5	11	16	3	4	11	13	2	3	7	7
CALGARY, ALTA.															
90222R	39 ST. & 29 AVE. N.W.	656	1.9	2	6	9	12	2	5	8	8	2	5	6	6
90227C	1611-4TH STREET S.W.	637	3.2	3	10	19	27	3	9	16	19	4	7	11	12
VANCOUVER, B.C.															
00106R	2294 WEST 10TH AVENUE	655	1.7	2	7	11	16	2	6	8	9	2	5	6	6
00108I	250 WEST 70TH AVENUE	295	---	2	4	6	6	2	3	4	5	2	3	3	3
00110R	E. HASTINGS & KENSINGTON	647	1.1	1	3	4	8	1	3	4	4	1	3	3	3
00111I	ROCKY PT. PARK	657	1.4	2	5	6	8	2	4	5	6	1	4	4	5
00112C	ROBSON/HORNEY	581	2.3	3	5	7	8	3	4	6	6	3	3	4	5
VICTORIA, B.C.															
00302C	1106 COOK ST.	637	0.6	1	3	6	10	1	2	3	5	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 MILLIONFEBRUARY - FEVRIER
1983DIOXYDE 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.	591	***	1	1	2	3	1	1	1	2
30116C	CFB SHEARWATER BARRINGTON & DUKE	461	***	1	3	4	4	1	3	3	3
40202C	SAINT JOHN, N.B. POST OFFICE	665	***	0	0	1	1	0	0	0	0
50102R	MONTREAL, QUEBEC										
50104C	JARDIN BOTANIQUE	83	---	7	11	11	11	6	6	6	6
50108R	1125 ONTARIO EST	638	3.2	4	5	5	6	3	4	5	5
50109C	1700 BOURASSA, LONGUEUIL	658	2.9	3	5	7	8	3	4	5	5
50110C	DUNCAN & DECARIE	346	2.3	3	5	6	6	3	4	5	5
50112C	PARC PILON, MTL.-NORD	598	2.6	3	7	9	11	3	6	6	7
50113R	BOUL. LAURENTIDES	607	3.2	4	5	6	7	4	5	5	5
50115C	PTE X & CARDINAL	663	2.7	3	5	5	6	3	4	4	4
50116R	1001 BOUL MAISONNEUVE O.	669	4.0	4	6	7	8	4	5	6	6
	3161 JOSEPH, VERDUN	657	2.9	4	5	6	7	3	4	5	5
50203R	HULL, QUEBEC GAMBLIN & JOFFRE	658	1.7	2	4	5	6	2	3	3	3
50304C	QUEBEC, QUEBEC 325 DORCHESTER SUD	655	2.9	3	5	6	6	3	5	5	5
60101C	OTTAWA, ONT. 88 SLATER ST.	568	3.8	4	6	7	10	4	5	6	6
60104C	RIDEAU & WURTEMBERG	660	2.0	3	5	6	10	3	4	4	4
60105R	NRC, MONTREAL ROAD	660	1.8	2	4	5	6	2	3	4	4
60204C	WINDSOR, ONT. 471 UNIVERSITY AVENUE	660	3.0	3	5	6	8	3	4	4	5
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	661	2.5	3	5	8	9	3	4	6	6
60403I	EVANS & ARNOLD	651	2.9	3	5	6	6	3	4	4	5
60410R	LAWRENCE & KENNEDY	657	2.2	3	5	7	9	2	4	5	5
60412R	BATHURST & WILSON	600	2.4	3	4	5	6	3	4	4	4
60413R	BLWCREST ROAD	34	---	2	3	3	3	2	2	2	2
60414I	SHERBOURNE & WILTON ST.	656	2.9	3	5	6	6	3	4	4	5
60415R	QUEENSWAY W & HURONTARIO	654	2.9	3	5	6	6	3	4	4	5
60417C	26 BREADALBANE STREET	642	3.1	4	6	7	8	3	5	6	6
60501C	HAMILTON, ONT. BARTON & SANFORD	651	2.8	3	5	6	8	3	4	5	5
60505R	NORTH PARK	657	2.1	3	4	5	6	3	4	4	4
60602R	SUDEBURY, ONT. ASH STREET	615	***	1	2	3	4	1	2	2	2
60901C	LONDON, ONT. KING & RECTORY	652	2.6	3	5	6	7	3	4	5	5
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	649	2.5	3	5	6	7	3	4	5	5
61201R	CORNWALL, ONT. MEMORIAL PARK	649	1.6	2	4	5	7	2	3	3	3
61301C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	655	2.1	3	4	5	6	2	3	4	5
61501C	KITCHENER, ONT. EDNA & FREDERICK	665	3.2	4	5	6	8	4	4	5	5
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	629	1.7	2	3	4	6	2	3	3	4
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	656	1.7	2	4	5	6	2	4	4	4
70118R	WINNIPEG, MAN. JEFFERSON & SCOTIA	0	---	-	-	-	-	-	-	-	-
70119C	65 ELLEN STREET	495	1.9	2	4	5	5	2	3	4	4
80109C	REGINA, SASK. 1620 ALBERT STREET	600	1.8	2	6	9	12	2	3	5	5
90122R	EDMONTON, ALTA. 127 ST. & 133 AVENUE	649	2.6	3	5	7	13	3	5	6	6
90130C	10255 - 104TH STREET	648	3.5	4	5	10	14	4	5	8	8
90222R	CALGARY, ALTA. 39 ST. & 29 AVE. N.W.	643	2.6	3	5	7	10	3	5	5	5
90227C	1611-4TH STREET S.W.	639	6.2	7	11	14	16	7	10	12	12

*** 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

FEBRUARY - FEVRIER
1983

DIOXYDE D'AZOTE
PARTIES PAR CENT MILLIONS

STATION	LOCATION EMPLACEMENT	NUMBER OF HOURLY SAMPLES NOMBRE DE DONNEES HORAIRES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS - CENTILES -				DISTRIBUTIONS DES FREQUENCES			
				INTERVALS - INTERVALLES				MEANS ---- MOYENNES			
				1-HOUR / HEURE				24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX
	VANCOUVER, B.C.										
00106R	2284 WEST 10TH AVENUE	649	3.5	4	6	8	12	4	5	6	6
00108I	250 WEST 70TH AVENUE	180	---	2	3	4	4	2	3	3	3
00110R	E. HASTINGS & KENSINGTON	211	---	3	6	8	9	4	4	4	4
00111I	ROCKY PT. PARK	518	2.5	3	5	8	11	2	5	5	5
00112C	ROBSON/HORNEY	578	3.0	3	4	6	7	3	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		FEBRUARY - FEVRIER 1983		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. CFB SHEARWATER	558	1.5	2	2	3	4	2	2	2	2		
30116C	BARRINGTON & DUKE	548	1.7	2	3	4	4	2	3	3	3		
40202C	SAINT JOHN, N.B. POST OFFICE	664	2.9	4	5	5	6	3	4	4	5		
50102R	MONTREAL, QUEBEC JARDIN BOTANIQUE	672	***	0	1	1	1	0	1	1	1		
50103R	POINTE-AUX-TREMBLES	672	1.3	2	3	3	4	2	2	3	3		
50104C	1125 ONTARIO EST	569	0.7	1	2	3	3	1	2	2	2		
50108R	1700 BOURASSA, LONGUEUIL	657	1.4	2	3	4	4	2	2	2	2		
50109C	DUNCAN & DECARIE	288	---	0	2	3	3	1	1	1	1		
50110C	PARC PILON, MTL.-NORD	307	---	1	3	3	4	1	2	2	2		
50112C	BOUL. LAURENTIDES	658	1.1	2	3	3	4	1	2	2	2		
50113R	PIE X & CARDINAL	659	1.4	2	3	4	4	2	3	3	3		
50115C	1001 BOUL MAISONNEUVE O.	672	***	0	0	0	0	0	0	0	0		
50116R	3161 JOSEPH, VERDUN	664	0.5	1	2	3	5	1	1	3	3		
50304C	QUEBEC, QUEBEC 325 DORCHESTER SUD	658	1.0	1	2	3	3	1	2	2	2		
50306R	2026 BLVD. ST-CYRILLE	655	2.2	3	4	4	5	3	3	4	4		
60101C	OTTAWA, ONT. 88 SLATER ST.	574	***	0	1	1	1	0	1	1	1		
60104C	RIDEAU & WURTEMBERG	658	1.4	2	3	3	3	2	2	2	2		
60105R	NRC, MONTREAL ROAD	667	1.1	2	2	3	3	1	2	2	2		
60204C	WINDSOR, ONT. 471 UNIVERSITY AVENUE	650	0.8	1	2	3	4	1	2	2	2		
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	664	1.2	2	3	3	3	2	2	2	2		
60403I	EVANS & ARNOLD	649	0.7	1	2	2	3	1	1	2	2		
60410R	LAWRENCE & KENNEDY	655	0.9	1	2	2	3	1	2	2	2		
60413R	ELMCREST ROAD	643	0.8	1	2	3	3	1	2	2	2		
60414I	SHERBOURNE & WILTON ST.	655	0.7	1	2	2	2	1	1	2	2		
60415R	QUEENSWAY W & HURONTARIO	667	0.8	1	2	3	3	1	2	2	2		
60417C	26 BREADALBANE STREET	637	0.8	1	2	2	2	1	1	1	2		
60501C	HAMILTON, ONT. BARTON & SANFORD	661	1.1	2	3	3	3	1	2	3	3		
60602R	SUDSBURY, ONT. ASH STREET	650	1.1	1	2	3	4	1	2	3	3		
60806R	THUNDER BAY, ONT. 435 JAMES S.	664	1.2	2	2	3	3	1	2	2	2		
60901C	LONDON, ONT. KING & RECTORY	649	1.3	2	3	3	4	2	2	2	2		
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	654	1.5	2	3	4	4	2	3	3	3		
61201R	CORNWALL, ONT. MEMORIAL PARK	657	2.0	2	3	4	5	2	3	3	3		
61301C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	624	1.3	2	3	4	4	2	2	3	3		
61501C	KITCHENER, ONT. EDNA & FREDERICK	665	1.0	2	2	3	3	1	2	2	2		
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	665	1.2	2	3	3	3	2	2	2	2		
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	657	1.5	2	3	3	4	2	2	3	3		
70118R	WINNIPEG, MAN. JEFFERSON & SCOTIA	632	1.9	3	3	3	4	2	3	3	3		
70119C	65 ELLEN STREET	501	1.3	2	2	3	5	2	2	2	2		
80109C	REGINA, SASK. 1620 ALBERT STREET	666	1.8	2	3	3	4	2	3	3	3		
90122R	EDMONTON, ALTA. 127 ST. & 133 AVENUE	640	0.7	1	2	3	3	1	2	2	2		
90130C	10255 - 104TH STREET	644	0.7	1	2	2	3	1	1	2	2		
90222R	CALGARY, ALTA. 39 ST. & 29 AVE. N.W.	644	1.1	2	3	4	4	2	3	3	3		
90227C	1611-4TH STREET S.W.	570	***	1	2	3	3	1	1	1	1		

*** CALCULATED MEANS ARE BELOW 5 PARTS PER BILLION.
LES MOYENNES SONT INFÉRIEURES À 5 PARTIES PAR BILLION.

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

OZONE PARTS PER HUNDRED MILLION		FEBRUARY - FEVRIER 1983		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	650	***	1	2	2	2	1	1	1	1
00108I	250 WEST 70TH AVENUE	0	---	-	-	-	-	-	-	-	-
00110R	E. HASTINGS & KENSINGTON	458	1.0	1	2	3	3	1	2	2	2
00111I	ROCKY PT. PARK	633	0.9	1	2	3	6	1	2	2	2
00112C	ROBSON/HORNBY	661	***	1	1	2	2	0	1	1	1
VICTORIA, B.C.											
00302C	1106 COOK ST.	320	---	1	2	2	2	1	1	1	1

*** CALCULATED MEANS ARE BELOW 5 PARTS PER BILLION.
LES MOYENNES SONT INFÉRIEURES À 5 PARTIES PAR BILLION.

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

SOILING INDEX
COH UNITS PER 1000 LINEAR FT.

FEBRUARY - FEVRIER
1983

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		
				70	95	99	MAX										
MONTREAL, QUEBEC																	
50101R	7405 CHAMPAGNEUR	44	----	0.5	1.2	1.2	1.2	0.5	0.7	0.8	0.8						
50103R	POINTE-AUX-TREMBLES	301	0.31	0.4	0.7	0.9	1.0	0.3	0.5	0.5	0.6						
50109C	DUNCAN & DECARIE	294	0.56	0.6	1.3	1.7	2.1	0.6	1.1	1.2	1.3						
50110C	PARC PILON, MTL.-NORD	267	0.39	0.5	0.8	1.1	1.6	0.5	0.6	0.6	0.7						
50115C	1001 BOUL MAISONNEUVE O.	331	0.42	0.5	0.9	1.2	2.1	0.5	0.7	0.7	0.8						
50116R	3161 JOSEPH, VERDUN	324	0.41	0.4	1.0	1.7	2.0	0.5	0.8	1.0	1.0						
HULL, QUEBEC																	
50203R	GAMELIN & JOFFRE	336	0.24	0.3	0.6	0.8	1.2	0.3	0.4	0.5	0.5						
TROIS-RIVIERES, QUEBEC																	
50801R	HART & STE-CECILE	305	0.27	0.3	0.6	0.9	1.1	0.3	0.5	0.5	0.6						
SHAWINIGAN, QUEBEC																	
51201I	FRIGON & LAVAL	267	0.26	0.3	0.6	1.0	1.0	0.3	0.6	0.7	0.7						
OTTAWA, ONT.																	
60101C	88 SLATER ST.	336	0.24	0.3	0.5	0.8	1.3	0.3	0.4	0.5	0.6						
60104C	RIDEAU & WURTEMBURG	656	(1) 0.30	0.4	0.7	1.1	2.2	0.4	0.6	0.7	0.7						
WINDSOR, ONT.																	
60204C	471 UNIVERSITY AVENUE	658	(1) 0.52	0.6	1.1	1.7	2.3	0.6	1.0	1.1	1.1						
60211R	COLLEGE & PRINCE	660	(1) 0.47	0.5	1.1	1.5	2.5	0.6	0.9	0.9	1.0						
TORONTO, ONT.																	
60403I	EVANS & ARNOLD	656	(1) 0.31	0.4	0.8	1.2	1.7	0.3	0.6	0.8	0.8						
60410R	LAWRENCE & KENNEDY	659	(1) 0.39	0.4	1.1	1.7	2.5	0.5	0.9	1.1	1.1						
60412R	BATHURST & WILSON	650	(1) 0.68	0.8	1.6	2.2	2.5	0.8	1.3	1.4	1.7						
60413R	ELMCREST ROAD	33	(1) ----	0.3	0.5	0.5	0.5	0.3	0.3	0.3	0.3						
60414I	SHERBOURNE & WILTON ST.	659	(1) 0.54	0.7	1.3	1.7	2.2	0.7	1.0	1.3	1.3						
60417C	26 BREADALBANE STREET	649	(1) 0.56	0.6	1.3	1.7	1.9	0.7	1.2	1.3	1.3						
HAMILTON, ONT.																	
60501C	BARTON & SANFORD	656	(1) 0.52	0.6	1.1	1.5	2.1	0.6	0.9	1.0	1.0						
60505R	NORTH PARK	652	(1) 0.45	0.6	1.1	1.6	2.5	0.6	1.0	1.1	1.2						
SUDBURY, ONT.																	
60602R	ASH STREET	612	(1) 0.20	0.3	0.6	0.9	1.0	0.3	0.4	0.6	0.6						
LONDON, ONT.																	
60901C	KING & RECTORY	658	(1) 0.44	0.6	1.0	1.8	2.7	0.5	0.9	1.0	1.3						
SARNIA, ONT.																	
61004R	FRONT ST. AT C.N. TRACKS	657	(1) 0.37	0.5	0.9	1.2	1.3	0.4	0.8	1.0	1.0						
CORNWALL, ONT.																	
61201R	MEMORIAL PARK	655	(1) 0.28	0.4	0.6	0.9	1.1	0.4	0.5	0.6	0.6						
ST. CATHARINES, ONT.																	
61301C	NORTH ST. & GENEVA ST.	651	(1) 0.40	0.5	0.9	1.3	1.6	0.5	0.7	0.8	0.9						
OAKVILLE, ONT.																	
61602R	BRONTE AND WOBURN CRES.	631	(1) 0.25	0.3	0.7	1.0	1.4	0.4	0.5	0.6	0.7						
OSHAWA, ONT.																	
61701R	RITSON RD. & OLIVE AVE.	652	(1) 0.49	0.5	1.6	2.2	2.3	0.6	1.1	1.3	1.4						
WINNIPEG, MAN.																	
70118R	JEFFERSON & SCOTIA	321	0.11	0.1	0.3	0.6	0.9	0.1	0.3	0.3	0.3						
70119C	65 ELLEN STREET	327	0.16	0.2	0.4	0.5	0.8	0.2	0.3	0.3	0.3						
70120R	604 ST. MARY'S RD.	238	****	0.1	0.2	0.3	0.7	0.1	0.2	0.2	0.2						
EDMONTON, ALTA.																	
90122R	127 ST. & 133 AVENUE	668	(1) 0.28	0.3	0.8	1.2	1.5	0.3	0.6	0.8	0.8						
90130C	10255 - 104TH STREET	672	(1) 0.37	0.4	0.8	1.6	2.0	0.4	0.6	1.1	1.1						
CALGARY, ALTA.																	
90218I	BONNY BRK & 18A ST. S.E.	670	(1) 0.46	0.5	1.4	2.1	2.4	0.6	1.1	1.2	1.4						
90222R	39 ST. & 29 AVE. N.W.	672	(1) 0.15	0.1	0.6	1.1	1.4	0.2	0.5	0.6	0.7						
90227C	1611-4TH STREET S.W.	663	(1) 0.55	0.6	1.4	2.2	2.9	0.7	1.1	1.2	1.3						
VANCOUVER, B.C.																	
00102R	100 RICHMOND STREET	249	0.35	0.4	1.3	1.5	1.9	0.4	1.0	1.0	1.1						
00106R	2294 WEST 10TH AVENUE	0	----	-	-	-	-	-	-	-	-						
00108I	250 WEST 70TH AVENUE	279	0.31	0.4	0.9	1.5	1.8	0.3	0.8	0.9	0.9						
00110R	E. HASTINGS & KENSINGTON	315	0.17	0.2	0.5	0.6	0.8	0.2	0.4	0.4	0.4						
00111I	ROCKY PT. PARK	251	0.27	0.4	0.9	1.1	1.3	0.3	0.7	0.8	0.8						
00112C	ROBSON/HORNBY	0	----	-	-	-	-	-	-	-	-						

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

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

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

SOILING INDEX
COR UNITS PER 1000 LINEAR FT.

FEBRUARY - FEVRIER
1983

INDICE DE SOUILLURE
UNITES COR 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
00202C	PRINCE GEORGE, B.C. 1011 4TH AVENUE	321	0.24	0.3	0.7	1.1	2.0	0.3	0.5	0.8	0.8
00302C	VICTORIA, B.C. 1106 COOK ST.	139	----	0.9	2.0	2.6	2.9	0.8	1.0	1.0	1.0
09001C	WHITEHORSE, YUKON FEDERAL BUILDING	312	0.35	0.5	1.1	1.3	3.2	0.4	0.8	1.0	1.0

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

----- 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
1983
PLOMB ET PARTICULES EN SUSPENSION
MICROGRAMMES PAR METRE CUBE

STATION	LOCATION EMPLACEMENT	*----- PARTICULATES / PARTICULES -----*					*----- LEAD / PLOMB -----*				
		----- DAY / JOUR -----				MEAN MOYENNE	*----- DAY / JOUR -----*				MEAN MOYENNE
		5	11	17	23		5	11	17	23	
10101C	ST. JOHN'S, NFLD. DUCKWORTH & ORDINANCE	-	-	96	289	-	-	-	0.2	0.2	-
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	31	24	14	20	22	0.1	0.3	0.3	0.1	0.2
30101C	HALIFAX, N.S. N.S. TECHNICAL COLLEGE	98	75	25	35	58	0.1	0.2	0.1	0.1	0.1
30102R	DALHOUSIE UNIVERSITY	40	-	34	31	35	0.1	-	0.2	0.1	0.1
30114R	MT ST VINCENT UNIVERSITY	8	15	-	-	-	0.1	0.1	-	-	-
30115I	CFB SHEARWATER	-	15	37	-	-	-	0.0	0.1	-	-
30310C	SYDNEY, N.S. COUNTY JAIL	42	-	38	34	38	0.1	-	0.3	0.1	0.2
30311R	WHITNEY PIER FIRE STN.	103	64	63	27	64	0.4	0.1	0.6	0.2	0.3
30408R	GLACE BAY, N.S. SOUTH STREET	48	16	44	19	32	0.1	0.0	0.1	0.0	0.1
40102C	FREDERICTON, N.B. YORK STREET	54	39	134	65	73	0.1	0.7	0.5	0.4	0.4
40201C	SAINT JOHN, N.B. 110 CHARLOTTE STREET	94	54	44	69	65	0.1	0.3	0.2	0.1	0.2
50102R	MONTREAL, QUEBEC JARDIN BOTANIQUE	34	30	31	33	32	0.1	0.1	0.1	0.1	0.1
50103R	POINTE-AUX-TREMBLES	-	72	36	58	55	-	-	-	-	-
50104C	1125 ONTARIO EST	71	72	49	42	59	0.3	0.3	0.4	0.4	0.4
50108R	1700 BOURASSA, LONGUEUIL	35	31	28	35	32	0.1	0.1	0.1	0.1	0.1
50109C	DUNCAN & DECARIE	207	67	71	104	112	0.5	0.2	0.8	1.3	0.7
50110C	PARC PILON, MTL.-NORD	-	60	50	43	51	-	-	-	-	-
50112C	BOUL. LAURENTIDES	55	62	61	-	59	0.2	0.3	0.2	-	0.2
50113R	PIE X & CARDINAL	47	-	40	42	43	-	-	0.1	0.1	-
50116R	3161 JOSEPH, VERDUN	59	51	43	63	54	0.2	0.3	0.2	0.4	0.3
50203R	HULL, QUEBEC GAMBLIN & JOFFRE	-	73	42	26	47	-	0.5	0.4	0.2	0.4
50303I	QUEBEC, QUEBEC CENTRE LOISIRS LIMOILLOU	18	76	102	66	66	-	0.6	0.2	0.2	0.3
50306R	2026 BLVD. ST-CYRILLE	25	47	24	15	28	0.2	0.5	0.3	-	0.3
50403C	SHERBROOKE, QUEBEC WELLINGTON & ALBERT	38	-	36	-	-	0.1	-	0.4	-	-
50502R	CHICOUTIMI, QUEBEC USINE DE FILTRATION	-	74	11	71	52	-	0.4	-	0.1	-
50503C	222 RACINE	-	-	-	51	-	-	2.0	-	1.0	-
50601C	ROUYN, QUEBEC HOTEL DE VILLE	14	32	18	16	20	0.4	0.4	0.4	0.3	0.4
50701C	SEPT-ILES, QUEBEC HOTEL DE VILLE	19	77	66	-	54	-	0.4	0.6	-	-
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	26	54	89	38	52	0.4	0.3	0.2	0.3	0.3
50901R	ARVIDA, QUEBEC POWELL & HOOPES	-	86	-	311	-	-	1.0	-	0.2	-
51002R	TRACY, QUEBEC GARNEAU & RTE 132	-	76	73	64	71	-	0.3	0.3	0.2	0.3
51101C	THETFORD MINES, QUEBEC BOUL. STE-MARTHE	9	27	32	20	22	-	0.2	0.2	0.1	0.2
51201I	SHAWINIGAN, QUEBEC FRISON & LAVAL	38	63	-	44	48	0.2	0.2	-	0.1	0.2
51301R	BAIE COMEAU, QUEBEC 39 AVE. MARGUERITE	-	27	12	14	18	-	0.1	-	-	-
60101C	OTTAWA, ONT. 88 SLATER ST.	-	-	68	37	-	-	-	0.5	0.3	-
60104C	RIDEAU & WURTEMBERG	-	-	-	-	-	-	-	-	-	-
60105R	NRC, MONTREAL ROAD	33	71	42	25	43	0.1	0.2	0.3	0.3	0.2
60201I	WINDSOR, ONT. MORTON TERMINAL DOCK	54	52	45	59	53	0.3	0.1	0.2	0.2	0.2
60202C	CITY HALL	50	50	40	42	46	0.2	0.1	0.2	0.2	0.2
60203R	TECUMSEH WATER WORKS	30	38	35	28	33	0.1	0.0	0.2	0.2	0.1
60204C	471 UNIVERSITY AVENUE	52	83	53	50	60	0.2	0.3	0.2	-	0.2
60301R	KINGSTON, ONT. QUEEN'S UNIVERSITY	-	-	-	-	-	-	-	-	-	-
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	29	37	38	17	30	0.2	0.2	0.2	0.1	0.2
60403I	EVANS & ARNOLD	-	-	36	57	-	-	-	0.6	0.7	-
60409R	REDLANDS CRESCENT	42	60	40	-	47	0.0	0.0	0.2	-	0.1

SUSPENDED PARTICULATE MATTER AND LEAD
MICROGRAMS PER CUBIC METREFEBRUARY - FEVRIER
1983PLOMB 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		5	11	17	23	
60410R	LAWRENCE & KENNEDY	60	38	52	59	52	0.1	0.2	0.6	0.4	0.3
60412R	BATHURST & WILSON	38	-	45	21	35	0.9	-	0.1	0.2	0.4
60413R	ELMCREST ROAD	54	68	40	23	46	0.4	0.4	0.3	0.2	0.3
60414I	SHERBOURNE & WILTON ST.	69	100	42	-	70	0.3	0.4	0.1	-	0.3
60415R	QUEENSWAY W & HURONTARIO	-	108	115	74	99	0.0	0.7	0.4	0.4	0.4
60417C	26 BREADALBANE STREET	30	60	43	39	43	0.1	0.3	0.3	0.2	0.2
	HAMILTON, ONT.										
60501C	BARTON & SANFORD	82	-	58	56	65	0.4	-	0.4	0.5	0.4
60503I	CHATHAM & FRID	63	67	51	61	61	0.3	0.3	0.2	0.2	0.3
60505R	NORTH PARK	48	70	103	68	72	0.2	0.2	1.0	0.9	0.6
	SUDBURY, ONT.										
60602R	ASH STREET	28	40	-	-	-	0.2	0.4	-	-	-
60605C	19 LISGAR STREET	34	92	17	25	42	0.5	1.1	0.2	0.3	0.5
	SAULT STE. MARIE, ONT.										
60705R	550 QUEEN STREET WEST	21	-	39	49	36	0.2	-	0.0	0.1	0.1
	THUNDER BAY, ONT.										
60801C	14 ALGOMA STREET	-	41	41	18	33	-	-	-	-	-
60806R	435 JAMES S.	21	29	16	12	20	0.0	0.0	0.0	0.0	0.0
	LONDON, ONT.										
60901C	KING & RECTORY	35	140	36	58	67	0.3	0.2	0.2	0.3	0.3
60902C	372 DUNDAS	-	-	26	23	-	0.1	-	0.1	0.0	0.1
	SARNIA, ONT.										
61004R	FRONT ST. AT C.N. TRACKS	55	62	49	64	58	0.1	0.2	0.1	0.3	0.2
	PETERSBOROUGH, ONT.										
61103C	500 GEORGE STREET	65	53	46	42	52	0.2	0.1	0.2	0.2	0.2
	CORNWALL, ONT.										
61201R	MEMORIAL PARK	23	-	-	-	-	0.2	-	-	-	-
	ST. CATHARINES, ONT.										
61301C	NORTH ST. & GENEVA ST.	51	95	57	66	67	0.3	0.4	0.3	0.4	0.4
	KITCHENER, ONT.										
61501C	EDNA & FREDERICK	84	114	28	-	75	0.8	1.1	0.3	-	0.7
	OAKVILLE, ONT.										
61602R	BRONTE AND WOBURN CRES.	32	49	42	31	39	0.0	0.1	0.2	0.2	0.1
	OSHAWA, ONT.										
61701R	RITSON RD. & OLIVE AVE.	52	43	46	31	43	0.1	0.1	0.2	0.0	0.1
	GUELPH, ONT.										
61801C	FARQUHAR & WYNDHAM	29	45	26	41	35	0.2	0.2	0.2	0.1	0.2
	WINNIPEG, MAN.										
70102R	PORTAGE & WOODLAWN	79	52	37	77	61	0.6	0.5	0.4	0.8	0.6
70104I	UNION STOCK YARDS	67	109	16	-	64	0.4	0.5	0.1	-	0.3
70118R	JEFFERSON & SCOTIA	31	36	10	28	26	0.2	0.4	0.1	0.3	0.2
70119C	65 ELLEN STREET	56	41	19	33	37	0.3	0.5	0.2	0.4	0.3
70120R	604 ST. MARY'S RD.	54	50	22	35	40	0.4	0.6	0.2	0.4	0.4
	BRANDON, MAN.										
70201C	11TH ST. & PRINCESS AVE.	68	22	26	-	39	0.4	0.2	0.2	-	0.2
	REGINA, SASK.										
80102R	3211 ALBERT STREET	14	15	16	15	15	0.1	0.0	0.1	0.1	0.1
80108C	12TH AVE. & SMITH ST.	16	17	26	28	22	0.2	0.1	0.1	0.2	0.1
80109C	1620 ALBERT STREET	21	20	59	48	37	0.3	0.2	0.2	0.4	0.3
	SASKATOON, SASK.										
80203R	30TH ST. & 833 P AVE.	25	-	-	-	-	0.1	-	-	-	-
80209C	IDYLYWYLD DR. & 33RD ST.	21	35	33	23	28	0.2	0.1	0.1	0.2	0.1
	MOOSE JAW, SASK.										
80301C	FAIRFORD ST. & 1ST AVE.	15	23	44	34	29	0.1	0.1	0.1	0.1	0.1
	PRINCE ALBERT, SASK.										
80401C	1257-1ST AVE. EAST	31	24	23	15	23	0.3	0.1	0.1	0.1	0.1
	EDMONTON, ALTA.										
90121I	17 STREET & 105 AVENUE	27	40	24	13	26	-	-	-	-	-
90122R	127 ST. & 133 AVENUE	47	48	35	27	39	-	-	-	-	-
90130C	10255 - 104TH STREET	45	86	64	42	59	-	-	-	-	-
	CALGARY, ALTA.										
90204C	316-7TH AVENUE	103	205	98	246	163	-	-	-	-	-
90218I	BONNY BRK & 18A ST. S.E.	41	129	67	83	80	-	-	-	-	-
90222R	39 ST. & 29 AVE. N.W.	46	44	48	106	61	-	-	-	-	-
	YELLOWKNIFE, N.W.T.										
99001C	50TH AVE. & 49TH STREET	-	-	-	-	-	-	-	-	-	-
	VANCOUVER, B.C.										
00102R	100 RICHMOND STREET	-	24	25	47	32	-	0.3	0.3	0.3	0.3
00104R	27TH & ONTARIO	107	38	25	40	53	1.8	0.7	0.4	0.7	0.9

SUSPENDED PARTICULATE MATTER AND LEAD
MICROGRAMS PER CUBIC METRE

FEBRUARY - FEVRIER
1983

PLOMB ET PARTICULES EN SUSPENSION
MICROGRAMMES PAR METRE CUBE

STATION	LOCATION EMPLACEMENT	*----- PARTICULATES / PARTICULES -----*					*----- LEAD / PLOMB -----*				
		----- DAY / JOUR -----				MEAN MOYENNE	*----- DAY / JOUR -----*				MEAN MOYENNE
		5	11	17	23		5	11	17	23	
00106R	2294 WEST 10TH AVENUE	72	-	-	31	-	1.3	-	-	0.6	-
00108I	250 WEST 70TH AVENUE	77	43	23	68	53	1.5	0.6	0.2	0.6	0.7
00109C	970 BURRARD	87	28	26	40	45	1.8	0.5	0.4	0.6	0.8
00110R	E. HASTINGS & KENSINGTON	59	17	18	18	28	1.0	0.3	0.3	0.2	0.4
00111I	ROCKY PT. PARK	86	-	-	30	-	1.3	-	-	0.2	-
00113I	ANNACIS ISLAND, DELTA	-	-	34	-	-	-	-	0.1	-	-
00114C	MUNICIPAL HALL, RICHMOND	98	21	15	39	43	2.1	0.3	0.2	0.7	0.8
00115R	NEWTON ELEM. SCH., SURREY	92	13	16	29	38	1.2	0.1	0.2	0.2	0.4
00116R	FIRE HALL, N. VANCOUVER	100	-	-	-	-	1.1	-	-	-	-
00117R	BCIT BURNABY	82	22	22	-	42	2.1	0.6	0.3	-	1.0
00202C	PRINCE GEORGE, B.C. 1011 4TH AVENUE	44	29	54	83	53	0.1	0.1	0.3	0.5	0.3
00302C	VICTORIA, B.C. 1106 COOK ST.	69	33	29	51	46	0.7	0.4	0.3	0.7	0.5
00401C	KAMLOOPS, B.C. 301 SEYMOUR ST.	217	56	46	54	93	0.7	0.2	0.3	0.3	0.4
09001C	WHITEHORSE, YUKON FEDERAL BUILDING	6	30	14	-	17	0.1	0.2	0.3	-	0.2

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

FEBRUARY - FEVRIER
1983

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

STATION	LOCATION EMPLACEMENT	*----- DAY / JOUR -----*			
		5	11	17	23
10101C	ST. JOHN'S, NFLD. DUCKWORTH & ORDINANCE	-	-	1	1
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	0	1	1	-
30114R	HALIFAX, N.S. MT ST VINCENT UNIVERSITY	1	0	-	-
30115I	CFB SHEARWATER	-	-	-	-
30310C	SYDNEY, N.S. COUNTY JAIL	1	-	2	1
30311R	WHITNEY PIER FIRE STN.	-	-	-	-
30408R	GLACE BAY, N.S. SOUTH STREET	2	1	1	0
50102R	MONTREAL, QUEBEC JARDIN BOTANIQUE	1	1	1	2
50103R	POINTE-AUX-TREMBLES	-	1	3	7
50104C	1125 ONTARIO EST	2	3	1	1
50108R	1700 BOURASSA, LONGUEUIL	1	1	0	1
50109C	DUNCAN & DECARIE	6	4	4	4
50110C	PARC PILON, MTL.-NORD	-	2	1	2
50112C	BOUL. LAURENTIDES	0	1	1	-
50113R	PIE X & CARDINAL	1	-	1	1
50116R	3161 JOSEPH, VERDUN	1	0	-	1
50203R	HULL, QUEBEC GAMBLIN & JOFFRE	-	4	2	1
50303I	QUEBEC, QUEBEC CENTRE LOISIRS LIMOILLOU	-	-	26	19
50306R	2026 BLVD. ST-CYRILLE	0	4	1	0
50601C	ROUYN, QUEBEC HOTEL DE VILLE	2	0	-	0
50701C	SEPT-ILES, QUEBEC HOTEL DE VILLE	0	0	0	-
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	-	-	6	2
50901R	ARVIDA, QUEBEC POWELL & HOOPEES	-	1	-	70
51201I	SHAMINIGAN, QUEBEC FRIGON & LAVAL	-	-	-	3
51301R	BAIE COMEAU, QUEBEC 39 AVE. MARGUETTE	-	4	0	0
60101C	OTTAWA, ONT. 88 SLATER ST.	-	-	1	1
60104C	RIDEAU & WURTEMBERG	-	-	-	-
60105R	NRC, MONTREAL ROAD	0	2	2	1
60201I	WINDSOR, ONT. MORTON TERMINAL DOCK	2	1	1	4
60204C	471 UNIVERSITY AVENUE	1	1	1	0
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	0	1	1	0
60403I	EVANS & ARNOLD	-	-	0	0
60409R	REDLANDS CRESCENT	1	0	3	-
60410R	LAWRENCE & KENNEDY	0	0	1	1
60412R	BATHURST & WILSON	1	-	0	0
60413R	ELMCREST ROAD	1	2	1	0
60414I	SHERBOURNE & WILTON ST.	0	0	0	-
60415R	QUEENSWAY W & HURONTARIO	-	3	2	0
60417C	26 BREADALBANE STREET	0	0	1	0
60501C	HAMILTON, ONT. BARTON & SANFORD	2	-	1	0
60505R	NORTH PARK	0	0	6	1
60602R	SUDBURY, ONT. ASH STREET	0	2	-	-
60806R	THUNDER BAY, ONT. 435 JAMES S.	0	0	0	0
60901C	LONDON, ONT. KING & RECTORY	0	0	1	0
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	3	2	1	-

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

FEBRUARY - FEVRIER
1983

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

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

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

FEBRUARY - FEVRIER
1983

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	SO3
	SYDNEY, N.S.		
30301R	MURPHY ROAD	2.8	- **
30309I	PT EDWARD, RICHMOND PLST	5.6	- **
30310C	COUNTY JAIL	3.4	0.3 **
30311R	WHITNEY PIER FIRE STN.	4.9	- **
	GLACE BAY, N.S.		
30401R	LAKE ROAD	22.0	1.3 **
30405C	GENERAL HOSPITAL	6.3	1.7 **
	MONTREAL, QUEBEC		
50101R	7405 CHAMPAGNEUR	2.0	-
50102R	JARDIN BOTANIQUE	2.0	-
50103R	POINTE-AUX-TREMBLES	5.0	-
	TORONTO, ONT.		
60403I	EVANS & ARNOLD	2.9	-
60404R	5125 YONGE STREET	2.1	-
60405I	JOHN STREET PUMP STATION	5.3	-
60406R	ROSEHILL RESERVOIR	1.1	-
60408C	DANFORTH & ROBINSON	3.0	-
	HAMILTON, ONT.		
60501C	BARTON & SANFORD	13.1	-
60502I	BURLINGTON & GAGE	10.8	-
60503I	CHATHAM & FRID	7.2	-
60507C	HUGHSON & HUNTER	6.3	-
60510I	STRATHEARN	21.9	-
	SAULT STE. MARIE, ONT.		
60702R	ANNA MCREEA PUBLIC SCHOOL	2.2	-
60703I	BAYVIEW & YOUNG	19.7	-
	THUNDER BAY, ONT.		
60801C	14 ALGOMA STREET	2.4	-
	LONDON, ONT.		
60901C	KING & RECTORY	-	-
	WINNIPEG, MAN.		
70105R	MARTIN & HENDERSON HWY	5.0	0.0 **
70110C	KENNEDY & ST. MARY'S	18.1	-
70113I	WINDERMERE & ROCKMAN	3.6	0.0 **
70115C	PORTAGE & MINTO	10.8	0.0 **
70116I	SMITH & KING	10.9	0.3 **
	EDMONTON, ALTA.		
90125C	PRINS ELIZABETH & 108 ST	6.5	0.2 **
90126R	77 AVENUE & 85 STREET	3.7	- **
90127I	115 AVENUE & 159 STREET	6.5	0.3 **
90128R	99 AVENUE & 160 STREET	3.4	0.3 **
	CALGARY, ALTA.		
90219C	620-7TH AVENUE, S.W.	4.7	0.1 **
90221R	DALHOUSIE DR & DALHAM DR	1.9	0.1 **
90223C	11 ST. & 38 AVE. S.E.	-	0.1 **
90224I	OGDENDALE & 71 AVE S.E.	5.3	- **
90225R	PALLISER DR & OAKWOOD SW	4.2	- **
90226I	SHEPPARD & 84 AVE S.E.	3.3	0.1 **

Environment Canada - Environnement Canada

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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