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Service de la
protection de
l'environnement



Monthly Summary August 1981

National Air Pollution Surveillance

Surveillance nationale de la pollution atmosphérique

Extrait mensuel août 1981

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CANADA

Surveillance Report
EPS 5-AP-81-8

Air Pollution
Control Directorate

Rapport de surveillance
EPS 5-AP-81-8

Direction générale de
l'assainissement de l'air

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81-8

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SULPHUR DIOXIDE
PARTS PER HUNDRED MILLION

AUGUST - AOÛT
1981

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				24-HOUR / HEURES			
				1-HOUR / HEURE							
				70	95	99	MAX	70	95	99	MAX
10101C	ST. JOHN'S, NPLD. DUCKWORTH & ORDINANCE	348	---	0	1	2	3	0	1	1	1
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	249	---	1	1	3	4	1	1	1	1
30114R	HALIFAX, N.S. MT ST VINCENT UNIVERSITY	307	---	0	1	3	4	0	1	1	1
30115I	CPB SHEARWATER	530	***	0	2	4	6	0	1	2	2
30116C	BARRINGTON & DUKE	647	***	1	2	5	8	1	2	3	3
30310C	SYDNEY, N.S. COUNTY JAIL	324	---	0	1	1	2	0	0	0	0
30311R	WHITNEY PIER FIRE STN.	330	---	1	5	7	12	1	4	4	5
30408R	GLACE BAY, N.S. SOUTH STREET	0	---	-	-	-	-	-	-	-	-
40202C	SAINT JOHN, N.B. POST OFFICE	363	---	1	1	2	3	1	1	1	1
50101R	MONTREAL, QUEBEC PARC JARRY	742	1.1	1	2	5	11	1	2	3	3
50102R	JARDIN BOTANIQUE	703	***	1	2	4	5	1	2	2	2
50103R	POINTE-AUX-TREMBLES	353	---	2	5	11	17	2	4	6	6
50104C	1125 ONTARIO EST	616	***	1	2	3	8	1	1	2	2
50105C	1212 DRUMMOND	580	***	1	3	7	10	1	3	3	3
50106R	VILLE ST-LAURENT	744	***	0	0	1	1	0	0	1	1
50109C	DUNCAN & DECARIE	684	***	1	2	3	4	1	2	2	2
50110C	PARC PILON, MTL.-NORD	744	***	1	1	2	4	1	1	1	1
50112C	BOUL. LAURENTIDES	0	---	-	-	-	-	-	-	-	-
50113R	PIE X & CARDINAL	658	***	0	2	4	6	1	1	2	3
50115C	METCALFE & MAISONNEUVE	0	---	-	-	-	-	-	-	-	-
50116R	3161 JOSEPH, VERDUN	684	***	1	2	3	5	1	1	2	2
50203R	HULL, QUEBEC GAMBLIN & JOFFRE	679	***	0	1	2	3	0	1	1	1
50303I	QUEBEC, QUEBEC CENTRE LOISIRS LIMCOLOU	0	---	-	-	-	-	-	-	-	-
50304C	325 DORCHESTER SUD	659	***	1	5	9	15	1	4	5	6
50306R	2026 BLVD. ST-CYRILLE	671	***	0	1	3	5	0	1	1	1
50601C	ROUYN, QUEBEC HOTEL DE VILLE	707	1.5	0	9	26	45	1	9	13	14
50701C	SEPT-ILES, QUEBEC HOTEL DE VILLE	623	***	0	1	1	2	0	0	0	0
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	618	***	1	2	3	5	1	1	2	2
50901R	ARVIDA, QUEBEC POWELL & HOOPES	270	---	0	4	12	16	1	2	3	3
51001R	TRACY, QUEBEC 3225 AVE COURSHESNE	589	***	0	2	4	9	1	1	1	1
51201I	SHAWINIGAN, QUEBEC FRIGON & LAVAL	653	1.7	2	6	13	27	2	4	6	6
51301R	BAIE COMEAU, QUEBEC 39 AVE. MARGUETTE	577	1.1	1	5	17	36	1	5	7	9
60101C	OTTAWA, ONT. 88 SLATER ST.	467	***	1	3	6	10	1	3	3	4
60104C	RIDEAU & WURTEMBERG	706	***	0	1	2	4	0	1	1	1
60105R	NRC, MONTREAL ROAD	0	---	-	-	-	-	-	-	-	-
60201I	WINDSOR, ONT. MORTON TERMINAL DOCK	740	***	1	3	5	13	1	2	3	3
60204C	471 UNIVERSITY AVENUE	711	1.1	1	4	6	10	2	2	3	3
60211R	COLLEGE & PRINCE	707	***	1	3	5	11	1	2	3	3
60302R	KINGSTON, ONT. NAPIER STREET	742	***	0	0	0	0	0	0	0	0
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	556	1.0	1	2	3	5	1	2	2	2
60403I	EVANS & ARNOLD	726	***	0	1	2	5	0	1	1	1
60409R	REDLANDS CRESCENT	742	***	0	0	1	1	0	0	1	1
60410R	LAWRENCE & KENNEDY	718	***	0	1	2	3	1	1	1	1
60412R	BATHURST & WILSON	722	***	1	2	3	10	1	2	3	3
60413R	ELMCREST ROAD	104	---	2	3	4	5	2	2	2	2

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

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

SULPHUR DIOXIDE
PARTS PER HUNDRED MILLIONAUGUST - AOÛT
1981DIOXYDE 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
60414I	SHERBOURNE & WILTON ST.	712	***	0	0	1	6	0	0	1	1
60415R	QUEENSWAY W & HURONTARIO	734	***	0	3	15	49	1	5	8	9
60417C	26 BREADALBANE	722	***	1	1	2	4	1	1	1	1
60501C	HAMILTON, ONT. BARTON & SANFORD	711	***	1	3	5	6	1	2	2	2
60505R	NORTH PARK	575	1.1	1	3	6	9	2	3	4	4
60602R	SUDBURY, ONT. ASH STREET	716	1.6	1	8	20	25	2	6	7	8
60606C	KENNEDY STREET	703	1.5	1	6	15	45	2	5	7	8
60704C	SAULT STE. MARIE, ONT. QUEEN & ELGIN	0	---	-	-	-	-	-	-	-	-
60806R	THUNDER BAY, ONT. 435 JAMES S.	738	***	0	0	2	23	0	0	2	2
60901C	LONDON, ONT. KING & RECTORY	713	***	1	2	3	6	1	2	2	2
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	702	1.1	1	4	8	14	1	3	4	4
61103C	PETERBOROUGH, ONT. 500 GEORGE STREET	725	***	0	1	1	1	0	0	1	1
61201R	CORNWALL, ONT. MEMORIAL PARK	703	1.0	1	3	7	12	1	2	3	3
61301C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	713	***	1	2	3	4	1	2	2	2
61501C	KITCHENER, ONT. EDNA & FREDERICK	739	***	0	1	2	4	0	1	1	1
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	708	***	0	1	4	13	0	1	1	1
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	673	***	0	0	0	6	0	0	0	0
61801C	GUELPH, ONT. FARQUHAR & WYNDHAM	0	---	-	-	-	-	-	-	-	-
70118R	WINNIPEG, MAN. JEFFERSON & SCOTIA	0	---	-	-	-	-	-	-	-	-
70119C	65 ELLEN STREET	138	---	0	0	2	3	0	0	0	0
70120R	604 ST. MARY'S RD.	691	***	0	0	0	3	0	0	0	0
80109C	REGINA, SASK. 1620 ALBERT STREET	335	---	0	0	1	1	0	0	0	0
80209C	SASKATOON, SASK. IDYLWYLD DR. & 33RD ST.	0	---	-	-	-	-	-	-	-	-
80301C	MOOSE JAW, SASK. FAIRFORD ST. & 1ST AVE.	671	***	0	0	0	1	0	0	0	0
80401C	PRINCE ALBERT, SASK. 1257-1ST AVE. EAST	682	***	0	0	0	1	0	0	0	0
90121I	EDMONTON, ALTA. 17 STREET & 105 AVENUE	672	***	0	1	1	7	0	1	1	1
90218I	CALGARY, ALTA. BONNY BRK & 18A ST. S.E.	711	***	0	0	0	1	0	0	0	0
90222R	39 ST. & 29 AVE. N.W.	716	***	0	1	1	2	0	0	1	1
90227C	1611-4TH STREET S.W.	711	***	0	0	1	3	0	0	1	1
00106R	VANCOUVER, B.C. 2294 WEST 10TH AVENUE	739	***	1	1	2	8	1	1	1	1
00110R	E. HASTINGS & KENSINGTON	737	***	1	3	4	8	1	1	2	2
00111I	ROCKY PT. PARK	0	---	-	-	-	-	-	-	-	-
00112C	ROBSON/HORNBY	738	***	1	1	2	3	1	1	1	1
00302C	VICTORIA, B.C. 1106 COOK ST.	681	***	0	1	1	2	0	1	1	1
00401C	KAMLOOPS, B.C. 301 SEYMOUR ST.	412	***	0	1	2	2	0	0	1	1

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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 MILLIONAUGUST - AOÛT
1981MONOXYDE 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
10101C	ST. JOHN'S, NFLD. DUCKWORTH & ORDINANCE	734	1.1	2	3	3	5	1	2	3	3	1	2	2	2
30116C	HALIFAX, N.S. BARRINGTON & DUKE	648	2.6	3	8	11	15	3	7	9	12	3	5	6	6
40202C	SAINT JOHN, N.B. POST OFFICE	609	***	0	0	3	4	0	1	1	1	0	0	0	1
50103R	MONTREAL, QUEBEC POINTE-AUX-TREMBLES	744	1.1	1	2	3	5	1	2	3	3	1	2	2	2
50104C	1125 ONTARIO EST	724	2.6	3	5	6	10	3	5	5	6	3	4	5	5
50109C	DUNCAN & DECARIE	672	2.5	3	6	9	13	3	6	6	7	3	4	5	5
50110C	PARC PILON, MTL.-NORD	744	1.6	2	4	5	7	2	3	4	4	2	3	3	3
50112C	BOUL. LAURENTIDES	0	---	-	-	-	-	-	-	-	-	-	-	-	-
50113R	PIE X & CARDINAL	737	1.0	1	2	4	7	1	2	3	4	1	2	2	2
50114C	677 STE-CATHERINE O.	742	3.1	4	6	8	11	4	6	7	8	4	5	5	5
50115C	METCALFE & MAISONNEUVE	0	---	-	-	-	-	-	-	-	-	-	-	-	-
50116R	3161 JOSEPH, VERDUN	741	0.6	1	2	3	5	1	2	2	2	1	2	2	2
50203R	HULL, QUEBEC GAMBLIN & JOFFRE	726	0.5	1	1	2	3	1	1	2	2	1	1	1	1
50304C	QUEBEC, QUEBEC 325 DORCHESTER SUD	716	1.3	2	3	4	7	2	3	3	4	2	2	3	3
60101C	OTTAWA, ONT. 88 SLATER ST.	731	2.0	3	5	6	7	3	4	5	5	3	3	3	3
60104C	RIDEAU & WURTEMBERG	707	1.0	1	2	2	4	1	1	2	2	1	1	1	2
60204C	WINDSOR, ONT. 471 UNIVERSITY AVENUE	646	0.7	1	2	4	4	1	2	3	4	1	1	3	3
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	562	3.1	4	5	6	7	4	5	6	6	4	4	5	5
60403I	EVANS & ARNOLD	714	1.6	2	3	4	5	2	3	3	3	2	2	3	3
60410R	LAWRENCE & KENNEDY	730	1.4	2	3	4	5	2	2	3	4	2	2	2	3
60412R	BATHURST & WILSON	721	1.6	2	4	5	8	2	3	4	4	2	3	3	3
60413R	ELMCREST ROAD	104	---	1	2	3	3	2	2	2	2	2	2	2	2
60414I	SHERBOURNE & WILTON ST.	722	1.3	1	3	4	7	1	2	3	4	2	2	2	2
60415R	QUEENSWAY W & HURONTARIO	738	2.0	2	7	10	12	2	5	6	6	2	4	4	5
60416C	381 YONGE STREET	729	5.9	6	19	32	34	6	17	23	26	7	12	12	14
60417C	26 BREADALBANE	720	1.3	2	3	4	5	2	2	3	3	2	2	2	3
60501C	HAMILTON, ONT. BARTON & SANFORD	703	1.1	1	3	4	6	2	2	3	3	2	2	2	2
60602R	SUDBURY, ONT. ASH STREET	616	***	0	0	1	2	0	0	1	1	0	0	0	0
60901C	LONDON, ONT. KING & RECTORY	689	***	0	1	2	7	0	1	1	2	0	1	1	1
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	655	***	0	1	2	5	0	1	1	2	0	0	1	1
61201R	CORNWALL, ONT. MEMORIAL PARK	710	0.8	1	2	2	4	1	1	2	2	1	1	1	1
61301C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	0	---	-	-	-	-	-	-	-	-	-	-	-	-
61501C	KITCHENER, ONT. EDNA & FREDERICK	739	1.2	1	3	4	5	2	2	3	3	2	2	2	3
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	735	2.4	3	4	5	6	3	4	4	5	3	3	4	4
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	714	2.6	3	4	5	7	3	4	5	5	3	4	4	4
70118R	WINNIPEG, MAN. JEFFERSON & SCOTIA	0	---	-	-	-	-	-	-	-	-	-	-	-	-
70119C	65 ELLEN STREET	705	0.9	1	2	4	6	1	2	3	4	1	2	2	3
70120R	604 ST. MARY'S RD.	653	***	1	2	3	4	1	1	2	3	1	1	2	2
80109C	REGINA, SASK. 1620 ALBERT STREET	741	1.1	1	3	5	7	1	3	4	5	1	2	3	3
80209C	SASKATOON, SASK. IDYLYWD DR. & 33RD ST.	398	0.7	1	2	3	5	1	2	2	2	1	1	1	1

*** 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 MILLIONAUGUST - AOÛT
1981MONOXYDE 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	647	1.1	1	2	3	4	1	2	2	3	1	2	2	2
90122R	127 ST. & 133 AVENUE	726	1.0	1	3	5	8	1	3	4	5	1	2	3	3
90130C	10255 - 104TH STREET	738	1.4	2	4	5	6	2	3	4	4	2	3	3	3
CALGARY, ALTA.															
90222R	39 ST. & 29 AVE. N.W.	720	0.9	1	3	5	6	1	2	3	3	1	1	2	2
90227C	1611-4TH STREET S.W.	697	2.1	2	5	8	13	3	4	5	6	2	3	4	4
VANCOUVER, B.C.															
00106R	2294 WEST 10TH AVENUE	0	---	-	-	-	-	-	-	-	-	-	-	-	-
00108I	250 WEST 70TH AVENUE	707	1.0	1	3	4	5	1	2	3	3	1	2	2	2
00110R	E. HASTINGS & KENSINGTON	710	0.9	1	2	3	4	1	2	2	2	1	2	2	2
00111I	ROCKY PT. PARK	712	1.0	1	2	3	5	1	2	3	3	1	2	2	2
00112C	ROBSON/HORNBY	715	2.2	2	5	11	27	2	5	8	11	2	5	6	7
VICTORIA, B.C.															
00302C	1106 COOK ST.	712	***	0	0	0	0	0	0	0	0	0	0	0	0

*** 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.

NITROGEN DIOXIDE
PARTS PER HUNDRED MILLIONAUGUST - AOÛT
1981DIOXYDE 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.										
30116C	CFB SHEARWATER	734	***	0	1	2	4	0	1	1	1
	BARRINGTON & DUKE	507	4.5	5	9	13	13	5	7	8	8
40202C	SAINT JOHN, N.B.										
	POST OFFICE	609	3.4	4	8	12	14	4	6	6	7
50102R	MONTREAL, QUEBEC										
	JARDIN BOTANIQUE	0	---	-	-	-	-	-	-	-	-
50104C	1125 ONTARIO EST	744	2.8	3	5	6	9	3	5	5	5
50109C	DUNCAN & DECARIE	0	---	-	-	-	-	-	-	-	-
50110C	PARC PILON, MTL.-NORD	0	---	-	-	-	-	-	-	-	-
50112C	BOUL. LAURENTIDES	0	---	-	-	-	-	-	-	-	-
50113R	PIE X & CARDINAL	736	2.2	3	4	5	6	3	4	4	4
50115C	METCALFE & MAISONNEUVE	0	---	-	-	-	-	-	-	-	-
50116R	3161 JOSEPH, VERDUN	720	1.7	2	4	6	9	2	4	5	5
50203R	HULL, QUEBEC										
	GAMIELIN & JOFFRE	728	1.2	1	3	3	4	1	2	2	2
50304C	QUEBEC, QUEBEC										
	325 DORCHESTER SUD	628	2.2	3	4	5	6	3	4	4	4
60101C	OTTAWA, ONT.										
	88 SLATER ST.	575	2.9	3	6	8	11	3	5	6	6
60104C	RIDEAU & WURTEMBURG	710	1.2	1	4	5	8	2	3	4	4
60105R	NR, MONTREAL ROAD	739	1.0	1	3	4	5	1	2	2	2
60204C	WINDSOR, ONT.										
	471 UNIVERSITY AVENUE	709	2.6	3	5	8	9	3	4	5	5
60402R	TORONTO, ONT.										
	DON MILLS, SCIENCE CNTR	737	***	1	1	2	3	1	1	1	1
60403I	EVANS & ARNOLD	716	4.3	5	8	10	19	5	7	8	8
60410R	LAWRENCE & KENNEDY	726	2.5	3	5	6	10	3	4	4	4
60412R	BATHURST & WILSON	722	4.1	5	8	10	11	5	6	7	7
60413R	ELMCREST ROAD	104	---	3	6	8	8	3	4	4	4
60414I	SHERBOURNE & WILTON ST.	724	3.6	4	6	8	11	4	5	6	6
60415R	QUEENSWAY W & HURONTARIO	736	3.0	4	6	7	8	3	4	5	5
60417C	26 BREADALBANE	719	2.5	3	5	7	8	3	4	4	4
60501C	HAMILTON, ONT.										
	BARTON & SANFORD	716	3.3	4	6	8	10	4	5	5	6
60505R	NORTH PARK	712	2.9	4	7	8	9	4	5	6	6
60602R	SUDBURY, ONT.										
	ASH STREET	719	***	1	2	3	5	1	1	2	2
60901C	LONDON, ONT.										
	KING & RECTORY	713	1.5	2	4	5	6	2	3	3	3
61004R	SARNIA, ONT.										
	FRONT ST. AT C.N. TRACKS	711	1.9	2	5	6	10	2	3	3	4
61201R	CORNWALL, ONT.										
	MEMORIAL PARK	717	***	1	3	4	7	1	2	2	2
61301C	ST. CATHARINES, ONT.										
	NORTH ST. & GENEVA ST.	0	---	-	-	-	-	-	-	-	-
61501C	KITCHENER, ONT.										
	EDNA & FREDERICK	738	2.9	4	6	8	9	4	5	6	6
61602R	OAKVILLE, ONT.										
	BRONTE AND WOBURN CRES.	712	2.2	3	5	7	9	3	4	4	4
61701R	OSHAWA, ONT.										
	RITSON RD. & OLIVE AVE.	715	2.3	3	5	6	6	3	4	4	4
70118R	WINNIPEG, MAN.										
	JEFFERSON & SCOTIA	651	***	1	3	4	5	1	2	2	2
70119C	65 ELLEN STREET	705	1.5	2	3	4	8	2	2	3	3
80109C	REGINA, SASK.										
	1620 ALBERT STREET	737	2.7	4	5	6	7	3	5	5	5
90122R	EDMONTON, ALTA.										
	127 ST. & 133 AVENUE	727	2.8	3	5	7	8	3	4	4	5
90130C	10255 - 104TH STREET	718	5.2	6	9	14	18	6	7	7	7
90222R	CALGARY, ALTA.										
	39 ST. & 29 AVE. N.W.	726	1.7	2	4	5	7	2	3	3	3
90227C	1611-4TH STREET S.W.	711	4.3	5	7	9	12	5	7	7	7

*** 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

AUGUST - AOÛT
1981

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	706	2.7	3	5	6	7	3	4	4	4
00108I	250 WEST 70TH AVENUE	331	---	3	4	5	6	3	4	4	4
00110R	E. HASTINGS & KENSINGTON	714	2.6	3	6	8	11	3	5	5	5
00111I	ROCKY PT. PARK	717	2.6	3	6	8	9	3	5	5	5
00112C	ROBSON/HORNBY	716	2.9	3	5	5	7	3	4	5	5
	VICTORIA, B.C.										
00302C	1106 COOK ST.	238	---	4	5	5	6	3	4	4	4

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

OZONE
PARTS PER HUNDRED MILLIONAUGUST - AOÛT
1981OZONE
PARTIES PAR CENT MILLIONS

STATION	LOCATION EMPLACEMENT	NUMBER OF HOURLY SAMPLES NOMBRE DE DONNEES HORAIRES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS - CENTILES -				DISTRIBUTIONS DES FREQUENCES			
				INTERVALS - INTERVALLES				MEANS ---- MOYENNES			
				1-HOUR / HEURE				24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX
30115I	HALIFAX, N.S.										
30116C	CFB SHEARWATER	641	1.5	2	3	4	5	2	3	3	3
	BARRINGTON & DUKE	737	1.0	1	3	4	6	1	2	3	3
40202C	SAINT JOHN, N.B.										
	POST OFFICE	609	2.7	3	7	9	10	3	6	7	7
50102R	MONTREAL, QUEBEC										
	JARDIN BOTANIQUE	737	2.1	3	6	9	10	2	5	7	7
50103R	POINTE-AUX-TREMBLES	732	1.0	1	4	6	8	1	3	5	5
50104C	1125 ONTARIO EST	744	1.9	2	7	9	11	2	6	8	8
50109C	DUNCAN & DECARIE	708	0.8	1	3	5	6	1	2	3	4
50110C	PARC PILON, MTL.-NORD	0	---	-	-	-	-	-	-	-	-
50112C	BOUL. LAURENTIDES	0	---	-	-	-	-	-	-	-	-
50113R	PIE X & CARDINAL	734	1.9	3	6	8	8	2	5	7	7
50115C	METCALFE & MAISONNEUVE	0	---	-	-	-	-	-	-	-	-
50116R	3161 JOSEPH, VERDUN	739	1.9	3	6	9	11	2	5	6	6
50304C	QUEBEC, QUEBEC										
50306R	325 DORCHESTER SUD	483	0.5	1	2	3	3	1	1	1	1
	2026 BLVD. ST-CYRILLE	728	1.4	2	4	5	6	2	3	4	4
60101C	OTTAWA, ONT.										
60104C	88 SLATER ST.	461	1.4	1	5	8	8	1	5	5	6
60105R	RIDEAU & WURTEMBERG	710	1.8	2	5	7	8	2	4	5	6
	NRC, MONTREAL ROAD	736	1.6	2	5	7	8	2	4	5	5
60204C	WINDSOR, ONT.										
	471 UNIVERSITY AVENUE	703	3.3	4	8	10	11	4	6	7	7
60402R	TORONTO, ONT.										
	DON MILLS, SCIENCE CNTR	737	2.4	4	7	9	10	3	5	5	5
60403I	EVANS & ARNOLD	720	1.9	3	6	8	9	2	4	5	5
60410R	LAWRENCE & KENNEDY	710	2.3	3	6	8	10	3	4	5	5
60413R	ELMCREST ROAD	99	---	5	8	9	9	5	5	5	5
60414I	SHERBOURNE & WILTON ST.	718	1.7	2	5	7	8	2	4	4	4
60415R	QUEENSWAY W & HURONTARIO	85	---	5	7	9	9	5	5	5	5
60417C	26 BREADALBANE	721	2.6	3	7	9	11	3	5	6	6
60501C	HAMILTON, ONT.										
	BARTON & SANFORD	715	2.0	3	5	6	9	3	4	5	5
60602R	SUDBURY, ONT.										
	ASH STREET	717	2.2	3	6	8	8	2	5	7	7
60806R	THUNDER BAY, ONT.										
	435 JAMES S.	700	1.5	2	4	6	7	2	3	4	4
60901C	LONDON, ONT.										
	KING & RECTORY	708	3.1	4	7	8	9	4	6	7	7
61004R	SARNIA, ONT.										
	FRONT ST. AT C.N. TRACKS	717	3.0	4	7	8	12	3	5	6	6
61201R	CORNWALL, ONT.										
	MEMORIAL PARK	699	2.3	3	5	6	7	3	4	5	5
61301C	ST. CATHARINES, ONT.										
	NORTH ST. & GENEVA ST.	666	2.8	4	6	7	8	4	5	6	6
61501C	KITCHENER, ONT.										
	EDNA & FREDERICK	739	2.4	3	7	8	9	3	6	7	7
61602R	OAKVILLE, ONT.										
	BRONTE AND WOBURN CRES.	738	2.6	4	7	8	9	3	5	5	5
61701R	OSHAWA, ONT.										
	RITSON RD. & OLIVE AVE.	717	2.6	3	7	9	11	3	5	6	7
70118R	WINNIPEG, MAN.										
70119C	JEFFERSON & SCOTIA	732	2.3	3	5	5	7	3	4	4	4
	65 ELLEN STREET	705	1.8	3	4	5	6	2	3	3	3
80109C	REGINA, SASK.										
	1620 ALBERT STREET	696	3.1	4	6	7	11	3	4	5	5
90122R	EDMONTON, ALTA.										
90130C	127 ST. & 133 AVENUE	710	3.0	4	8	10	14	4	5	5	6
	10255 - 104TH STREET	734	2.0	3	5	7	9	3	4	4	4
90222R	CALGARY, ALTA.										
90227C	39 ST. & 29 AVE. N.W.	720	2.4	4	6	8	9	3	3	3	3
	1611-4TH STREET S.W.	695	1.5	2	4	6	7	2	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 MILLION

AUGUST - AOÛT
1981

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				MEANS ---- MOYENNES			
				INTERVALS - INTERVALLES				24-HOUR / HEURES			
				1-HOUR / HEURE							
				70	95	99	MAX	70	95	99	MAX
VANCOUVER, B.C.											
00106R	2294 WEST 10TH AVENUE	447	1.4	2	4	5	6	2	2	2	2
00108I	250 WEST 70TH AVENUE	482	1.6	2	5	6	7	2	3	3	3
00110R	E. HASTINGS & KENSINGTON	715	1.7	2	5	7	16	2	3	3	4
00111I	ROCKY PT. PARK	619	2.7	4	9	14	18	3	6	7	7
00112C	ROBSON/HORNEY	0	---	-	-	-	-	-	-	-	-
VICTORIA, B.C.											
00302C	1106 COOK ST.	698	1.5	2	4	5	6	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.

SOILING INDEX
COH UNITS PER 1000 LINEAR FT.AUGUST - AOUT
1981INDICE 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		2-HOUR / HEURES		MEANS - MOYENNES		24-HOUR / HEURES	
				70	95	99	MAX	70	95	99	MAX
30116C	HALIFAX, N.S. BARRINGTON & DUKE	0	----	-	-	-	-	-	-	-	-
30310C	SYDNEY, N.S. COUNTY JAIL	0	----	-	-	-	-	-	-	-	-
30408R	GLACE BAY, N.S. SOUTH STREET	0	----	-	-	-	-	-	-	-	-
50101R	MONTREAL, QUEBEC PARC JARRY	355	0.16	0.2	0.5	0.7	0.9	0.2	0.4	0.5	0.5
50103R	POINTE-AUX-TREMBLES	372	0.19	0.2	0.5	0.7	1.1	0.3	0.3	0.5	0.5
50104C	1125 ONTARIO EST	372	0.24	0.3	0.5	0.8	0.9	0.3	0.4	0.5	0.5
50105C	1212 DRUMMOND	367	0.22	0.2	0.5	0.6	0.8	0.3	0.4	0.5	0.5
50106R	VILLE ST-LAURENT	318	0.14	0.2	0.4	0.5	0.8	0.2	0.3	0.3	0.3
50109C	DUNCAN & DECARIE	278	0.53	0.7	1.5	2.0	2.3	0.7	1.2	1.3	1.3
50110C	PARC PILON, MTL.-NORD	370	0.29	0.4	0.6	0.8	1.1	0.4	0.4	0.5	0.5
50115C	METCALPE & MAISONNEUVE	0	----	-	-	-	-	-	-	-	-
50116R	3161 JOSEPH, VERDUN	361	0.20	0.3	0.7	0.9	1.0	0.2	0.5	0.6	0.6
50203R	HULL, QUEBEC GAMELIN & JOFFRE	372	0.10	0.2	0.3	0.5	0.6	0.1	0.2	0.2	0.2
50303I	QUEBEC, QUEBEC CENTRE LOISIRS LIMOILLOU	0	----	-	-	-	-	-	-	-	-
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	243	0.23	0.3	0.5	0.6	0.8	0.3	0.4	0.5	0.5
51201I	SHAWINIGAN, QUEBEC FRIGON & LAVAL	266	0.27	0.3	0.8	1.5	2.5	0.3	0.6	0.8	0.8
60101C	OTTAWA, ONT. 88 SLATER ST.	372	0.25	0.3	0.7	0.9	1.6	0.3	0.4	0.4	0.4
60103C	GILMOUR STREET	372	0.18	0.2	0.5	0.7	1.1	0.2	0.3	0.4	0.4
60104C	RIDEAU & WURTEMBERG	704	(1) 0.23	0.3	0.5	0.7	1.1	0.3	0.4	0.5	0.5
60204C	WINDSOR, ONT. 471 UNIVERSITY AVENUE	698	(1) 0.43	0.5	1.0	1.4	1.6	0.5	0.8	1.0	1.0
60211R	COLLEGE & PRINCE	705	(1) 0.49	0.6	1.1	1.6	1.7	0.6	0.9	1.1	1.1
60302R	KINGSTON, ONT. NAPIER STREET	0	----	-	-	-	-	-	-	-	-
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	0	----	-	-	-	-	-	-	-	-
60403I	EVANS & ARNOLD	680	(1) 0.25	0.3	0.7	0.9	1.0	0.3	0.5	0.5	0.5
60409R	REDLANDS CRESCENT	0	----	-	-	-	-	-	-	-	-
60410R	LAWRENCE & KENNEDY	438	(1) 0.36	0.5	0.9	1.3	1.6	0.4	0.6	0.7	0.8
60412R	BATHURST & WILSON	721	(1) 0.60	0.8	1.5	1.8	2.0	0.8	1.1	1.2	1.2
60413R	ELMCREST ROAD	104	(1) ----	0.4	1.0	1.3	1.3	0.4	0.6	0.6	0.6
60414I	SHERBOURNE & WILTON ST.	721	(1) 0.69	0.8	1.5	2.0	2.2	0.8	1.1	1.2	1.2
60415R	QUEENSWAY W & HURONTARIO	0	----	-	-	-	-	-	-	-	-
60417C	26 BREADALBANE	360	0.42	0.5	0.9	1.2	1.5	0.5	0.6	0.7	0.8
60501C	HAMILTON, ONT. BARTON & SANFORD	712	(1) 0.55	0.7	1.1	1.4	1.7	0.7	0.9	1.0	1.0
60505R	NORTH PARK	712	(1) 0.60	0.7	1.5	2.0	2.1	0.6	1.2	1.3	1.3
60602R	SUDBURY, ONT. ASH STREET	720	(1) ****	0.1	0.3	0.5	0.7	0.1	0.2	0.2	0.2
60806R	THUNDER BAY, ONT. 435 JAMES S.	318	0.22	0.3	0.6	0.8	1.0	0.3	0.3	0.3	0.4
60901C	LONDON, ONT. KING & RECTORY	689	(1) 0.38	0.5	0.8	1.0	1.0	0.5	0.6	0.7	0.7
60902C	372 DUNDAS	161	----	0.3	0.6	0.7	1.2	0.3	0.4	0.4	0.4
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	704	(1) 0.32	0.4	0.7	0.9	1.4	0.4	0.5	0.6	0.6
61103C	PETERBOROUGH, ONT. 500 GEORGE STREET	0	----	-	-	-	-	-	-	-	-
61201R	CORNWALL, ONT. MEMORIAL PARK	706	(1) ****	0.0	0.1	0.2	0.2	0.0	0.1	0.1	0.1
61301C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	714	(1) 0.38	0.5	0.8	1.0	1.2	0.5	0.6	0.6	0.7

(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.

AUGUST - AOÛT
1981

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		2-HOUR / HEURES		MEANS - MOYENNES		24-HOUR / HEURES	
				70	95	99	MAX	70	95	99	MAX
61501C	KITCHENER, ONT. EDNA & FREDERICK	363	0.24	0.3	0.8	1.4	1.8	0.3	0.6	0.7	0.7
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	355	0.58	0.8	1.3	1.8	2.3	0.7	1.0	1.0	1.1
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	708 (1)	0.32	0.4	0.8	1.2	1.6	0.4	0.6	0.7	0.7
61801C	GUELPH, ONT. FARQUHAR & WYNDHAM	0	----	-	-	-	-	-	-	-	-
70118R	WINNIPEG, MAN. JEFFERSON & SCOTIA	371	****	0.0	0.1	0.2	0.3	0.0	0.1	0.1	0.1
70119C	65 ELLEN STREET	41	----	0.1	0.2	0.4	0.4	0.0	0.1	0.2	0.2
70120R	604 ST. MARY'S RD.	356	0.14	0.2	0.3	0.5	0.9	0.2	0.3	0.3	0.3
80109C	REGINA, SASK. 1620 ALBERT STREET	104	----	0.2	0.6	0.9	1.0	0.1	0.4	0.5	0.5
80209C	SASKATOON, SASK. IDYLYWYLD DR. & 33RD ST.	372	0.20	0.2	0.7	1.2	1.4	0.2	0.6	0.8	0.8
90122R	EDMONTON, ALTA. 127 ST. & 133 AVENUE	743 (1)	0.33	0.4	0.8	1.2	1.3	0.4	0.6	0.7	0.8
90130C	10255 - 104TH STREET	744 (1)	0.43	0.5	0.9	1.1	1.4	0.5	0.6	1.0	1.0
90218I	CALGARY, ALTA. BONNY BRK & 18A ST. S.E.	712 (1)	0.35	0.4	0.9	1.3	1.5	0.4	0.5	0.6	0.6
90222R	39 ST. & 29 AVE. N.W.	744 (1)	0.16	0.2	0.5	0.7	0.9	0.2	0.3	0.4	0.4
90227C	1611-4TH STREET S.W.	372	0.46	0.5	1.3	2.0	2.7	0.6	0.9	1.0	1.1
00102R	VANCOUVER, B.C. 100 RICHMOND STREET	0	----	-	-	-	-	-	-	-	-
00106R	2294 WEST 10TH AVENUE	0	----	-	-	-	-	-	-	-	-
00108I	250 WEST 70TH AVENUE	0	----	-	-	-	-	-	-	-	-
00110R	E. HASTINGS & KENSINGTON	0	----	-	-	-	-	-	-	-	-
00111I	ROCKY PT. PARK	0	----	-	-	-	-	-	-	-	-
00112C	ROBSON/HORNBY	0	----	-	-	-	-	-	-	-	-
00202C	PRINCE GEORGE, B.C. 1011 4TH AVENUE	340	0.16	0.2	0.5	0.6	0.7	0.2	0.3	0.4	0.4
00302C	VICTORIA, B.C. 1106 COOK ST.	369	0.23	0.3	0.7	0.9	1.2	0.3	0.4	0.4	0.4
09001C	WHITEHORSE, YUKON FEDERAL BUILDING	372	0.18	0.2	0.6	1.1	1.2	0.2	0.4	0.9	0.9

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

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

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

SUSPENDED PARTICULATE MATTER AND LEAD
MICROGRAMS PER CUBIC METRE

AUGUST - AOÛT
1981

PLOMB ET PARTICULES EN SUSPENSION
MICROGRAMMES PAR METRE CUBE

STATION	LOCATION EMPLACEMENT	*----- PARTICULATES / PARTICULES -----*						*----- LEAD / PLOMB -----*					
		----- DAY / JOUR -----					MEAN MOYENNE	*----- DAY / JOUR -----*					MEAN MOYENNE
		2	8	14	20	26		2	8	14	20	26	
10101C	ST. JOHN'S, NFLD. DUCKWORTH & ORDINANCE	41	57	35	-	37	43	0.2	0.3	0.2	-	0.3	0.2
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	39	20	24	23	28	27	0.1	0.1	0.1	0.2	0.2	0.2
30101C	HALIFAX, N.S. N.S. TECHNICAL COLLEGE	-	-	-	-	-	-	-	-	-	-	-	-
30102R	DALHOUSIE UNIVERSITY	-	-	21	-	30	-	-	-	0.2	-	0.2	-
30114R	MT ST VINCENT UNIVERSITY	21	12	18	24	28	21	0.1	0.1	0.1	0.2	0.1	0.1
30115I	CFB SHEARWATER	-	18	51	-	40	36	-	0.1	0.0	-	0.2	0.1
30310C	SYDNEY, N.S. COUNTY JAIL	58	58	53	67	-	59	0.4	0.6	0.4	0.5	-	0.5
30311R	WHITNEY PIER FIRE STN.	184	73	106	-	43	102	0.4	0.4	0.6	-	0.6	0.5
30408R	GLACE BAY, N.S. SOUTH STREET	59	-	-	-	-	-	0.1	-	-	-	-	-
40102C	FREDERICTON, N.B. YORK STREET	44	20	37	39	37	35	0.2	0.3	0.4	0.4	0.4	0.3
40201C	SAINT JOHN, N.B. 110 CHARLOTTE STREET	75	44	59	46	38	52	0.2	0.2	0.3	0.2	0.2	0.2
40301C	MONCTON, N.B. 774 MAIN STREET	-	-	-	-	-	-	-	-	-	-	-	-
50102R	MONTREAL, QUEBEC JARDIN BOTANIQUE	49	30	47	49	43	44	0.1	-	0.2	0.2	0.1	0.2
50103R	POINTE-AUX-TREMBLES	117	41	84	156	83	96	-	-	-	-	-	-
50104C	1125 ONTARIO EST	71	43	-	139	65	80	0.2	0.4	-	1.3	0.6	0.6
50105C	1212 DRUMMOND	-	-	-	-	-	-	-	-	-	-	-	-
50106R	VILLE ST-LAURENT	81	50	61	82	48	64	0.3	0.2	0.7	0.9	0.4	0.5
50107R	VILLE LASALLE	-	-	-	-	-	-	-	-	-	-	-	-
50108R	1700 BOURASSA, LONGUEUIL	-	-	-	57	-	-	-	-	-	-	-	-
50109C	DUNCAN & DECARIE	141	53	131	64	-	97	1.4	0.2	1.8	0.7	-	1.0
50110C	PARC PILON, MTL.-NORD	54	45	68	67	49	57	-	-	-	-	-	-
50112C	BOUL. LAURENTIDES	58	44	49	66	-	54	0.2	0.4	0.5	0.6	-	0.4
50113R	PIE X & CARDINAL	60	39	40	74	40	51	0.2	0.3	0.3	0.4	0.3	0.3
50115C	METCALFE & MAISONNEUVE	-	-	-	-	-	-	-	-	-	-	-	-
50116R	3161 JOSEPH, VERDUN	88	34	57	118	67	73	0.3	0.2	0.4	1.2	0.5	0.5
50203R	HULL, QUEBEC GAMBLIN & JOFFRE	59	36	54	82	-	58	0.2	0.2	0.5	0.5	-	0.3
50301C	QUEBEC, QUEBEC PARC-AUTOS PAQ.LALIBERTE	-	-	-	-	-	-	-	-	-	-	-	-
50302R	PARC BARRY	-	-	-	-	-	-	-	-	-	-	-	-
50303I	CENTRE LOISIRS LIMOILLOU	-	-	-	-	-	-	-	-	-	-	-	-
50304C	325 DORCHESTER SUD	-	-	-	-	-	-	-	-	-	-	-	-
50306R	2026 BLVD. ST-CYRILLE	-	19	52	73	55	50	-	-	-	-	-	-
50402R	SHERBROOKE, QUEBEC CASERNE DE POMPIERS #5	63	50	72	94	67	69	0.4	0.4	0.7	1.0	0.4	0.6
50403C	WELLINGTON & ALBERT	83	56	-	-	-	-	0.3	0.3	-	-	-	-
50502R	CHICOUTIMI, QUEBEC USINE DE FILTRATION	-	12	-	-	-	-	-	-	-	-	-	-
50503C	222 RACINE	78	-	86	-	87	84	0.6	-	0.5	-	0.5	0.5
50601C	ROUYN, QUEBEC HOTEL DE VILLE	37	-	79	87	142	86	0.1	-	0.3	0.4	-	0.3
50701C	SEPT-ILES, QUEBEC HOTEL DE VILLE	58	72	11	-	117	65	0.2	0.3	-	-	0.2	0.2
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	97	67	67	121	99	90	0.3	0.1	0.3	0.6	0.4	0.3
50901R	ARVIDA, QUEBEC POWELL & BOOPES	57	84	37	-	58	59	0.4	0.2	0.2	-	0.4	0.3
51002R	TRACY, QUEBEC GARNEAU & RTE 132	81	48	49	85	97	72	0.2	0.2	0.1	0.4	0.2	0.2
51101C	THETFORD MINES, QUEBEC BOUL. STE-MARTHE	69	51	46	70	128	73	0.2	0.4	0.2	0.4	0.5	0.3
51201I	SHAWINIGAN, QUEBEC FRIGON & LAVAL	124	-	244	107	435	228	0.2	-	0.3	0.3	0.4	0.3
51301R	BAIE COMEAU, QUEBEC 39 AVE. MARGUETTE	33	27	38	45	36	36	0.1	0.1	0.1	0.2	0.2	0.1
60101C	OTTAWA, ONT. 88 SLATER ST.	67	49	67	85	96	73	0.3	0.3	0.6	0.7	0.9	0.6
60104C	RIDEAU & WURTEMBERG	11	34	37	46	48	35	0.0	0.2	0.3	0.3	0.4	0.2
60105R	NRC, MONTREAL ROAD	60	34	41	61	45	48	0.3	0.2	0.3	0.3	0.4	0.3

SUSPENDED PARTICULATE MATTER AND LEAD
MICROGRAMS PER CUBIC METREAUGUST - AOÛT
1981PLOMB ET PARTICULES EN SUSPENSION
MICROGRAMMES PAR METRE CUBE

STATION	LOCATION EMPLACEMENT	*----- PARTICULATES / PARTICULES -----*						*----- LEAD / PLOMB -----*					
		----- DAY / JOUR -----						*----- DAY / JOUR -----*					
		2	8	14	20	26	MEAN MOYENNE	2	8	14	20	26	MEAN MOYENNE
WINDSOR, ONT.													
60201I	MORTON TERMINAL DOCK	82	51	97	86	86	80	0.2	0.2	0.2	0.3	0.1	0.2
60202C	CITY HALL	64	64	121	68	81	80	0.3	0.4	0.5	0.3	0.3	0.4
60203R	TECUMSEH WATER WORKS	83	44	104	45	-	69	0.2	0.2	0.3	0.0	-	0.2
60204C	471 UNIVERSITY AVENUE	109	60	122	46	66	81	0.3	0.5	0.6	0.5	0.4	0.5
KINGSTON, ONT.													
60301R	QUEEN'S UNIVERSITY	68	25	32	43	37	41	0.1	0.1	0.1	0.3	0.2	0.2
TORONTO, ONT.													
60402R	DON MILLS, SCIENCE CNTR	72	38	83	48	41	56	0.3	0.0	0.2	0.7	0.5	0.3
60403I	EVANS & ARNOLD	106	53	68	115	95	87	0.6	0.4	0.7	2.5	2.1	1.3
60409R	REDLANDS CRESCENT	70	27	57	71	82	61	0.2	0.3	0.0	0.2	0.0	0.1
60410R	LAWRENCE & KENNEDY	71	29	35	43	45	45	0.3	0.0	0.0	0.5	0.3	0.2
60412R	BATHURST & WILSON	-	-	-	-	-	-	-	-	-	-	-	-
60413R	ELMCREST ROAD	84	-	-	-	-	-	0.2	-	-	-	-	-
60414I	SHERBOURNE & WILTON ST.	83	93	174	163	145	132	0.4	0.4	0.7	1.0	0.9	0.7
60415R	QUEENSWAY W & HURONTARIO	117	50	73	115	89	89	0.4	0.4	0.7	1.2	1.1	0.8
60417C	26 BREADALBANE	85	52	58	63	21	56	0.3	0.4	0.3	0.4	0.0	0.3
HAMILTON, ONT.													
60501C	BARTON & SANFORD	78	-	-	95	-	-	0.4	-	-	0.6	-	-
60503I	CHATHAM & FRID	82	-	101	100	103	97	0.2	-	0.5	0.8	1.0	0.6
60505R	NORTH PARK	93	64	60	44	52	63	0.9	0.8	0.2	0.3	0.7	0.6
SUDBURY, ONT.													
60602R	ASH STREET	56	23	66	63	65	55	0.0	0.0	0.2	0.3	0.2	0.1
60605C	19 LISGAR STREET	52	31	51	56	174	73	0.1	0.4	0.2	0.4	0.4	0.3
SAULT STE. MARIE, ONT.													
60705R	550 QUEEN STREET WEST	-	53	-	-	-	-	-	0.1	-	-	-	-
THUNDER BAY, ONT.													
60801C	14 ALGOMA STREET	29	40	77	53	-	50	0.1	0.2	0.2	0.3	-	0.2
60806R	435 JAMES S.	38	26	71	68	89	58	0.0	0.0	0.2	0.2	0.4	0.2
LONDON, ONT.													
60901C	KING & RECTORY	65	38	78	53	65	60	0.2	0.5	0.5	0.3	0.5	0.4
60902C	372 DUNDAS	56	29	64	47	59	51	0.0	0.3	0.4	0.4	0.4	0.3
SARNIA, ONT.													
61004R	FRONT ST. AT C.N. TRACKS	98	48	74	93	76	78	0.1	0.1	0.2	0.3	0.2	0.2
PETERBOROUGH, ONT.													
61103C	500 GEORGE STREET	-	-	52	-	-	-	-	-	0.2	-	-	-
CORNWALL, ONT.													
61201R	MEMORIAL PARK	81	23	55	75	52	57	0.1	0.0	0.3	0.7	0.1	0.2
ST. CATHARINES, ONT.													
61301C	NORTH ST. & GENEVA ST.	62	45	84	74	79	69	0.1	0.2	0.3	0.4	0.5	0.3
KITCHENER, ONT.													
61501C	EDNA & FREDERICK	-	53	85	70	85	73	-	1.0	1.2	1.6	1.7	1.4
OAKVILLE, ONT.													
61602R	BRONTE AND WOBURN CRES.	28	83	44	41	62	52	0.0	0.7	0.1	0.4	0.7	0.4
OSHAWA, ONT.													
61701R	RITSON RD. & OLIVE AVE.	18	45	53	108	63	57	0.0	0.5	0.5	0.8	0.5	0.5
GUELPH, ONT.													
61801C	FARQUHAR & WYNDHAM	70	31	59	44	56	52	0.3	0.2	0.2	0.3	0.4	0.3
WINNIPEG, MAN.													
70102R	PORTAGE & WOODLAWN	56	55	99	76	96	76	0.7	0.5	0.8	0.2	0.9	0.6
70104I	UNION STOCK YARDS	41	49	151	87	142	94	0.2	0.1	0.2	0.2	0.3	0.2
70118R	JEFFERSON & SCOTIA	22	35	49	71	54	46	0.2	0.1	0.1	0.2	0.2	0.2
70119C	65 ELLEN STREET	41	55	86	174	161	103	0.4	0.2	0.3	0.5	0.4	0.3
70120R	604 ST. MARY'S RD.	42	38	70	81	82	63	0.5	0.1	0.3	0.3	0.4	0.3
BRANDON, MAN.													
70201C	11TH ST. & PRINCESS AVE.	38	63	86	102	95	77	0.2	0.2	0.3	0.4	0.4	0.3
REGINA, SASK.													
80102R	3211 ALBERT STREET	34	66	89	47	64	60	0.3	0.3	0.1	0.1	0.2	0.2
80108C	12TH AVE. & SMITH ST.	54	111	136	85	123	102	0.1	0.5	0.3	0.3	0.4	0.3
80109C	1620 ALBERT STREET	60	124	146	93	149	114	0.4	0.8	0.4	0.6	0.6	0.5
SASKATOON, SASK.													
80203R	30TH ST. & 833 P AVE.	42	78	119	74	91	81	0.2	0.2	0.2	0.2	0.2	0.2
80209C	IDYLYWYLD DR. & 33RD ST.	-	-	-	-	105	-	-	-	-	-	0.1	-
MOOSE JAW, SASK.													
80301C	FAIRFORD ST. & 1ST AVE.	-	60	98	82	90	83	-	0.2	0.2	0.2	0.3	0.2
PRINCE ALBERT, SASK.													
80401C	1257-1ST AVE. EAST	93	137	116	125	97	114	0.3	0.2	0.2	0.2	0.2	0.2
EDMONTON, ALTA.													
90121I	17 STREET & 105 AVENUE	50	129	107	185	99	114	-	-	-	-	-	-
90122R	127 ST. & 133 AVENUE	78	100	146	99	95	104	-	-	-	-	-	-

SUSPENDED PARTICULATE MATTER AND LEAD
MICROGRAMS PER CUBIC METRE

AUGUST - AOUT
1981

PLOMB ET PARTICULES EN SUSPENSION
MICROGRAMMES PAR METRE CUBE

STATION	LOCATION EMPLACEMENT	*---- PARTICULATES / PARTICULES ----*						*----- LEAD / PLOMB -----*					
		----- DAY / JOUR -----					MEAN MOYENNE	*----- DAY / JOUR -----*					MEAN MOYENNE
		2	8	14	20	26		2	8	14	20	26	
90130C	10255 - 104TH STREET	64	109	139	188	119	124	-	-	-	-	-	-
	CALGARY, ALTA.												
90204C	316-7TH AVENUE	95	133	306	155	309	200	-	-	-	-	-	-
90218I	BONNY BRK & 18A ST. S.E.	71	124	274	175	415	212	-	-	-	-	-	-
90222R	39 ST. & 29 AVE. N.W.	55	85	96	63	140	88	-	-	-	-	-	-
	RED DEER, ALTA.												
90301C	4747 50TH STREET	54	122	127	105	117	105	-	-	-	-	-	-
	LETHBRIDGE, ALTA.												
90501C	13 ST. & 9 AVENUE S.	69	147	97	97	136	109	-	-	-	-	-	-
	YELLOWKNIFE, N.W.T.												
99001C	50TH AVE. & 49TH STREET	-	-	-	-	-	-	-	-	-	-	-	-
	VANCOUVER, B.C.												
00102R	100 RICHMOND STREET	32	102	119	40	77	74	0.3	2.1	1.2	0.6	0.8	1.0
00104R	27TH & ONTARIO	49	73	101	50	49	64	0.3	1.1	0.9	0.5	0.8	0.7
00106R	2294 WEST 10TH AVENUE	30	59	65	32	63	50	0.2	0.8	0.8	0.6	0.6	0.6
00108I	250 WEST 70TH AVENUE	47	62	114	64	57	69	0.2	0.9	0.8	0.5	0.6	0.6
00109C	970 BURRARD	51	67	133	64	64	76	0.4	1.2	1.4	0.8	1.0	1.0
00110R	E. HASTINGS & KENSINGTON	34	65	98	38	54	58	0.2	0.9	0.9	0.5	0.6	0.6
00111I	ROCKY PT. PARK	32	-	82	32	62	52	0.2	-	0.6	0.4	0.5	0.4
00113R	BCIT BURNABY	35	106	96	36	71	69	0.1	0.6	0.4	0.2	0.5	0.4
00114C	MUNICIPAL HALL, RICHMOND	32	38	60	38	44	42	0.3	0.3	0.8	0.8	0.9	0.6
00115R	NEWTON ELEM. SCH., SURREY	25	87	62	30	37	48	0.3	0.9	0.7	0.2	0.5	0.5
00116R	FIRE HALL, N. VANCOUVER	40	96	105	57	62	72	0.4	1.3	1.5	0.8	0.8	1.0
00117I	ANNACIS ISLAND, DELTA	28	74	80	40	57	56	0.4	1.4	1.0	0.6	0.8	0.8
	PRINCE GEORGE, B.C.												
00202C	1011 4TH AVENUE	58	103	145	135	77	104	0.2	0.4	0.5	0.5	0.3	0.4
	VICTORIA, B.C.												
00302C	1106 COOK ST.	37	82	55	41	53	54	0.1	1.5	0.5	0.5	0.7	0.7
	KAMLOOPS, B.C.												
00401C	301 SEYMOUR ST.	-	-	160	80	85	108	-	-	0.8	0.8	0.5	0.7
	WHITEHORSE, YUKON												
09001C	FEDERAL BUILDING	30	50	72	64	-	54	0.1	0.1	0.2	0.2	-	0.2

COMBINATION OF SULPHUR DIOXIDE AND
SUSPENDED PARTICULATES
1000*(MICROGRAMS/CU.METRE)**2AUGUST - AOÛT
1981DIOXYDE DE SOUFRE ET
PARTICULES EN ASSOCIATION
1000*(MICROGRAMMES/METRE CUBE)**2

STATION	LOCATION EMPLACEMENT	*----- DAY / JOUR -----*				
		2	8	14	20	26
10101C	ST. JOHN'S, Nfld. DUCKWORTH & ORDINANCE	-	0	0	-	-
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	0	-	-	-	-
30114R	HALIFAX, N.S. MT ST VINCENT UNIVERSITY	-	-	-	0	0
30115I	CFB SHEARWATER	-	0	1	-	0
30310C	SYDNEY, N.S. COUNTY JAIL	0	0	-	-	-
30311R	WHITNEY PIER FIRE STN.	21	1	2	-	-
30408R	GLACE BAY, N.S. SOUTH STREET	-	-	-	-	-
50102R	MONTREAL, QUEBEC JARDIN BOTANIQUE	1	0	2	2	-
50103R	POINTE-AUX-TREMBLES	-	1	6	-	-
50104C	1125 ONTARIO EST	1	0	-	8	-
50105C	1212 DRUMMOND	-	-	-	-	-
50106R	VILLE ST-LAURENT	0	0	0	1	0
50109C	DUNCAN & DECARIE	3	0	4	2	-
50110C	PARC PILON, MTL.-NORD	0	1	2	2	1
50112C	BOUL. LAURENTIDES	-	-	-	-	-
50113R	PIE X & CARDINAL	0	2	1	2	1
50115C	METCALFE & MAISONNEUVE	-	-	-	-	-
50116R	3161 JOSEPH, VERDUN	2	0	1	5	2
50203R	HULL, QUEBEC GAMELIN & JOFFRE	0	0	1	1	-
50303I	QUEBEC, QUEBEC CENTRE LOISIRS LIMOILLOU	-	-	-	-	-
50304C	325 DORCHESTER SUD	-	-	-	-	-
50306R	2026 BLVD. ST-CYRILLE	-	0	0	1	1
50601C	ROUYN, QUEBEC HOTEL DE VILLE	1	-	0	0	1
50701C	SEPT-ILES, QUEBEC HOTEL DE VILLE	0	0	0	-	0
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	1	2	1	2	2
50901R	ARVIDA, QUEBEC POWELL & HOOPES	-	-	-	-	0
51201I	SHAWINIGAN, QUEBEC FRIGON & LAVAL	1	-	18	5	18
51301R	BAIE COMEAU, QUEBEC 39 AVE. MARGUERITE	0	0	-	2	0
60101C	OTTAWA, ONT. 88 SLATER ST.	1	0	1	-	-
60104C	RIDEAU & WURTEMBURG	0	0	0	1	0
60105R	NRC, MONTREAL ROAD	-	-	-	-	-
60201I	WINDSOR, ONT. MORTON TERMINAL DOCK	1	1	1	1	0
60204C	471 UNIVERSITY AVENUE	5	3	6	0	1
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	3	1	2	-	1
60403I	EVANS & ARNOLD	1	0	0	2	1
60409R	REDLANDS CRESCENT	0	0	0	0	0
60410R	LAWRENCE & KENNEDY	1	0	1	0	0
60412R	BATHURST & WILSON	-	-	-	-	-
60413R	ELMCREST ROAD	4	-	-	-	-
60414I	SHERBOURNE & WILTON ST.	0	0	0	0	0
60415R	QUEENSWAY W & HURONTARIO	3	0	2	15	1
60417C	26 BREADALBANE	2	0	0	1	0
60501C	HAMILTON, ONT. BARTON & SANFORD	2	-	-	5	-
60505R	NORTH PARK	-	-	3	1	0
60602R	SUDBURY, ONT. ASH STREET	4	1	0	2	10
60806R	THUNDER BAY, ONT. 435 JAMES S.	0	0	0	0	0
60901C	LONDON, ONT. KING & RECTORY	3	1	2	1	1

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

AUGUST - AOÛT
1981

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

STATION	LOCATION EMPLACEMENT	*----- DAY / JOUR -----*				
		2	8	14	20	26
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	4	1	-	0	5
61103C	PETERBOROUGH, ONT. 500 GEORGE STREET	-	-	0	-	-
61201R	CORNWALL, ONT. MEMORIAL PARK	1	1	2	3	1
61301C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	3	0	1	0	2
61501C	KITCHENER, ONT. EDNA & FREDERICK	-	0	0	1	1
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	0	0	0	0	0
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	0	0	0	0	0
61801C	GUELPH, ONT. FARQUHAR & WYNDHAM	-	-	-	-	-
70118R	WINNIPEG, MAN. JEFFERSON & SCOTIA	-	-	-	-	-
70119C	65 ELLEN STREET	0	-	-	-	-
70120R	604 ST. MARY'S RD.	0	0	0	0	0
80109C	REGINA, SASK. 1620 ALBERT STREET	0	0	0	-	-
80209C	SASKATOON, SASK. IDYLWYLD DR. & 33RD ST.	-	-	-	-	-
80301C	MOOSE JAW, SASK. FAIRFORD ST. & 1ST AVE.	-	0	0	0	0
80401C	PRINCE ALBERT, SASK. 1257-1ST AVE. EAST	0	0	0	0	0
90121I	EDMONTON, ALTA. 17 STREET & 105 AVENUE	-	1	0	0	0
90218I	CALGARY, ALTA. BONNY BRK & 18A ST. S.E.	0	0	0	0	1
90222R	39 ST. & 29 AVE. N.W.	0	0	0	0	0
00106R	VANCOUVER, B.C. 2294 WEST 10TH AVENUE	0	1	1	0	1
00110R	E. HASTINGS & KENSINGTON	0	2	1	0	1
00111I	ROCKY PT. PARK	-	-	-	-	-
00302C	VICTORIA, B.C. 1106 COOK ST.	0	1	0	0	0
00401C	KAMLOOPS, B.C. 301 SEYMOUR ST.	-	-	0	0	0

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

AUGUST - AOUT
1981

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

STATION	LOCATION EMPLACEMENT	DUSTFALL RETOMBEES DE POUSSIÈRES	SO3
	SYDNEY, N.S.		
30301R	MURPHY ROAD	3.1	0.1 **
30309I	PT EDWARD, RICHMOND PLST	5.8	0.1 **
30310C	COUNTY JAIL	10.0	0.2 **
30311R	WHITNEY PIER FIRE STN.	44.0	0.3 **
	GLACE BAY, N.S.		
30401R	LAKE ROAD	9.0	0.1 **
30405C	GENERAL HOSPITAL	5.4	0.3 **
	MONTREAL, QUEBEC		
50101R	PARC JARRY	-	- *
50102R	JARDIN BOTANIQUE	3.0	- *
50103R	POINTE-AUX-TREMBLES	-	- *
50106R	VILLE ST-LAURENT	-	- *
50107R	VILLE LASALLE	-	- *
	TORONTO, ONT.		
60403I	EVANS & ARNOLD	4.1	-
60404R	5126 YONGE STREET	3.5	-
60405I	JOHN STREET PUMP STATION	7.9	-
60406R	ROSEHILL RESERVOIR	3.2	-
60408C	DANFORTH & ROBINSON	4.3	-
	HAMILTON, ONT.		
60501C	BARTON & SANFORD	14.0	-
60502I	BURLINGTON & GAGE	12.1	-
60503I	CHATHAM & FRID	35.1	-
60507C	HUGHSON & HUNTER	9.2	-
60510I	STRATHEARN	18.9	-
	SAULT STE. MARIE, ONT.		
60702R	ANNA MCREA PUBLIC SCHOOL	-	-
60703I	BAYVIEW & YOUNG	10.3	-
	THUNDER BAY, ONT.		
60801C	14 ALGOMA STREET	2.8	-
	LONDON, ONT.		
60901C	KING & RECTORY	1.7	-
	WINNIPEG, MAN.		
70105R	MARTIN & HENDERSON HWY	11.9	0.0 **
70110C	KENNEDY & ST. MARY'S	7.6	-
70113I	WINDERMERE & ROCKMAN	7.3	- **
70115C	PORTAGE & MINTO	7.4	0.0 **
70116I	SMITH & KING	10.4	0.2 **
	EDMONTON, ALTA.		
90125C	PRINS ELIZABETH & 103 ST	5.4	- **
90126R	77 AVENUE & 85 STREET	7.9	0.0 **
90127I	115 AVENUE & 159 STREET	16.8	0.2 **
90128R	99 AVENUE & 160 STREET	6.6	0.1 **
	CALGARY, ALTA.		
90219C	620-7TH AVENUE, S.W.	6.7	- **
90221R	DALHOUSIE DR & DALHAM DR	3.0	0.2 **
90223C	11 ST. & 38 AVE. S.E.	3.7	- **
90224I	OGDENDALE & 71 AVE S.E.	-	- **
90225R	PALLISER DR & OAKWOOD SW	5.0	0.1 **
90226I	SHEPPARD & 84 AVE S.E.	4.1	0.2 **

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

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