



Environment
Canada

Environmental
Protection
Service

Environnement
Canada

Service de la
protection de
l'environnement

Atlantic Regional Library
Environment Canada

MAY 26 1983

Bibliothèque de la région
de l'Atlantique
Environnement Canada

Monthly Summary July 1982

National Air Pollution Surveillance

Surveillance nationale de la pollution atmosphérique

Extrait mensuel juillet 1982

ENVIRONMENT CANADA LIBRARY
15th Floor, Queen Square
45 Alderney Drive
Dartmouth, N.S. B2Y 2N6
CANADA

Dartmouth Env. Can. Lib./Bib.



39 021 694

Surveillance Report
EPS 5-AP-82-7

Environmental Protection
Programs Directorate

Rapport de surveillance
EPS 5-AP-82-7

Direction générale des
programmes environnementaux

TD
890
C325
no.
82-7

Canada

SULPHUR DIOXIDE
PARTS PER HUNDRED MILLION

JULY - JUILLET
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		1-HOUR / HEURE		MEANS - MOYENNES		24-HOUR / HEURES	
				70	95	99	MAX	70	95	99	MAX
10101C	ST. JOHN'S, NFLD. DUCKWORTH & ORDINANCE	0	---	-	-	-	-	-	-	-	-
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	548	***	1	1	1	2	0	1	1	1
30114R	HALIFAX, N.S. MT ST VINCENT UNIVERSITY	0	---	-	-	-	-	-	-	-	-
30115I	CFB SHEARWATER	0	---	-	-	-	-	-	-	-	-
30116C	BARRINGTON & DUKE	0	---	-	-	-	-	-	-	-	-
30310C	SYDNEY, N.S. COUNTY JAIL	0	---	-	-	-	-	-	-	-	-
30311R	WHITNEY PIER FIRE STN.	0	---	-	-	-	-	-	-	-	-
30408R	GLACE BAY, N.S. SOUTH STREET	0	---	-	-	-	-	-	-	-	-
40202C	SAINT JOHN, N.B. POST OFFICE	689	***	0	1	7	40	0	1	7	7
50101R	MONTREAL, QUEBEC PARC JARRY	708	1.0	1	2	3	4	1	2	2	2
50102R	JARDIN BOTANIQUE	297	---	0	1	3	3	1	1	1	1
50103R	POINTE-AUX-TREMBLES	743	1.7	1	8	18	25	2	6	11	12
50104C	1125 ONTARIO EST	680	***	0	1	2	3	0	0	1	1
50106R	VILLE ST-LAURENT	656	***	1	1	2	6	1	1	1	2
50108R	1700 BOURASSA, LONGUEUIL	324	---	1	1	2	3	1	1	1	1
50109C	DUNCAN & DECARIE	570	***	0	0	1	1	0	0	0	0
50110C	PARC PILON, MTL.-NORD	668	***	1	1	1	6	1	1	1	1
50112C	BOUL. LAURENTIDES	440	***	0	0	0	0	0	0	0	0
50113R	PIE X & CARDINAL	220	---	0	1	2	4	0	1	1	1
50115C	1001 BOUL MAISONNEUVE O.	739	***	0	1	3	9	0	1	1	1
50116R	3161 JOSEPH, VERDUN	744	***	0	1	2	3	0	1	1	1
50203R	HULL, QUEBEC GAMBLIN & JOFFRE	600	***	0	1	1	3	0	1	1	1
50303I	QUEBEC, QUEBEC CENTRE LOISIRS LIMOILLOU	574	3.6	1	26	46	58	2	15	17	18
50304C	325 DORCHESTER SUD	460	***	0	5	19	45	1	5	7	7
50306R	2026 BLVD. ST-CYRILLE	550	***	0	1	2	7	0	1	1	2
50601C	ROUYN, QUEBEC HOTEL DE VILLE	715	1.3	0	9	34	49	1	7	10	11
50701C	SEPT-ILES, QUEBEC HOTEL DE VILLE	475	***	0	0	1	8	0	0	1	1
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	655	***	0	1	2	6	0	1	1	1
50901R	ARVIDA, QUEBEC POWELL & HOOPES	601	***	0	3	8	11	0	3	4	4
51001R	TRACY, QUEBEC 3225 AVE COURSHESNE	625	***	0	2	3	14	1	1	2	2
51201I	SHAWINIGAN, QUEBEC FRIGON & LAVAL	593	1.3	1	5	10	17	2	3	4	4
51301R	BAIE COMEAU, QUEBEC 39 AVE. MARGUETTE	626	1.0	0	6	14	18	1	4	8	8
60101C	OTTAWA, ONT. 88 SLATER ST.	741	***	1	2	4	10	1	1	1	1
60104C	RIDEAU & WURTEMBURG	724	***	0	0	1	5	0	0	0	0
60105R	MRC, MONTREAL ROAD	676	***	0	1	1	1	0	1	1	1
60201I	WINDSOR, ONT. MORTON TERMINAL DOCK	741	***	0	2	5	11	1	1	2	3
60204C	471 UNIVERSITY AVENUE	692	***	1	4	7	15	1	2	4	4
60211R	COLLEGE & PRINCE	705	***	1	2	5	11	1	2	2	2
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	665	1.2	1	3	5	6	2	3	3	3
60403I	EVANS & ARNOLD	727	***	0	1	1	2	0	1	1	1
60409R	REDLANDS CRESCENT	734	***	1	1	2	3	1	1	1	1
60410R	LAWRENCE & KENNEDY	729	***	0	1	2	4	0	1	1	1
60412R	BATHURST & WILSON	717	***	0	1	5	9	0	2	2	2
60413R	ELMCREST ROAD	710	***	0	1	3	15	1	1	2	2
60414I	SHERBOURNE & WILTON ST.	730	***	0	0	2	6	0	0	1	1
60415R	QUEENSWAY W & HURONTARIO	516	***	0	1	2	5	0	1	1	1
60417C	26 BREADALBANE STREET	725	***	0	1	2	4	0	1	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.

SULPHUR DIOXIDE
PARTS PER HUNDRED MILLIONJULY - JUILLET
1982DIOXYDE DE SOUFRE
PARTIES PAR CENT MILLIONS

STATION	LOCATION EMPLACEMENT	NUMBER OF HOURLY SAMPLES NOMBRE DE DONNEES HORAIRES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS - CENTILES -				DISTRIBUTIONS DES FREQUENCES			
				INTERVALS - INTERVALLES		1-HOUR / HEURE		MEANS ---- MOYENNES		24-HOUR / HEURES	
				70	95	99	MAX	70	95	99	MAX
60501C	HAMILTON, ONT. BARTON & SANFORD	729	1.3	1	5	8	11	2	3	3	3
60505R	NORTH PARK	708	***	0	2	4	6	1	2	2	2
60602R	SUDBURY, ONT. ASH STREET	707	1.2	2	3	4	10	2	3	3	4
60606C	KENNEDY STREET	729	1.1	2	3	4	4	2	2	3	3
60704C	SAULT STE. MARIE, ONT. QUEEN & ELGIN	744	***	0	1	2	2	0	0	1	1
60806R	THUNDER BAY, ONT. 435 JAMES S.	738	***	0	0	0	1	0	0	0	0
60901C	LONDON, ONT. KING & RECTORY	726	***	0	1	1	6	0	1	1	1
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	723	***	1	6	11	16	1	4	6	7
61103C	PETERBOROUGH, ONT. 500 GEORGE STREET	737	***	0	0	1	1	0	0	0	0
61201R	CORNWALL, ONT. MEMORIAL PARK	699	***	0	2	4	7	1	1	2	2
61301C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	729	***	1	2	3	6	1	2	2	2
61501C	KITCHENER, ONT. EDNA & FREDERICK	566	***	0	1	2	7	0	1	1	1
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	690	***	1	2	11	15	1	2	7	7
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	731	***	0	1	2	6	0	1	1	1
61801C	GUELPH, ONT. FARQUHAR & WYNDHAM	739	***	0	1	1	2	0	1	1	1
70118R	WINNIPEG, MAN. JEFFERSON & SCOTIA	346	---	0	0	1	1	0	0	0	0
70119C	65 ELLEN STREET	449	***	0	1	1	1	0	0	1	1
70120R	604 ST. MARY'S RD.	305	---	0	0	2	3	0	0	0	1
80109C	REGINA, SASK. 1620 ALBERT STREET	502	***	0	0	1	2	0	0	0	0
80209C	SASKATOON, SASK. IDYLWYLD DR. & 33RD ST.	351	---	0	0	0	0	0	0	0	0
80301C	MOOSE JAW, SASK. FAIRFORD ST. & 1ST AVE.	437	***	0	0	0	0	0	0	0	0
80401C	PRINCE ALBERT, SASK. 1257-1ST AVE. EAST	560	***	0	0	0	1	0	0	0	0
90121I	EDMONTON, ALTA. 17 STREET & 105 AVENUE	709	***	0	0	1	1	0	0	0	0
90218I	CALGARY, ALTA. BONNY BRK & 18A ST. S.E.	658	***	0	1	2	2	0	1	1	1
00106R	VANCOUVER, B.C. 2294 WEST 10TH AVENUE	690	***	1	1	2	9	1	1	1	1
00110R	E. HASTINGS & KENSINGTON	737	***	0	1	2	3	1	1	1	1
00111I	ROCKY PT. PARK	522	***	1	2	3	4	1	1	2	2
00112C	ROBSON/HORNBY	0	---	-	-	-	-	-	-	-	-
00302C	VICTORIA, B.C. 1106 COOK ST.	677	***	0	1	1	2	0	0	1	1
00401C	KAMLOOPS, B.C. 301 SEYMOUR ST.	630	***	0	0	1	2	0	0	0	0

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

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

CARBON MONOXIDE
PARTS PER MILLIONJULY - JUILLET
1982MONOXYDE DE CARBONE
PARTIES PAR MILLION

STATION	LOCATION EMPLACEMENT	NUMBER OF HOURLY SAMPLES NOMBRE DE DONNEES HORAIRES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS - CENTILES - DISTRIBUTIONS DES FREQUENCES											
				INTERVALS - INTERVALLES				MEANS				MOYENNES			
				1-HOUR / HEURE				8-HOUR / HEURES				24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX	70	95	99	MAX
10101C	ST. JOHN'S, NPLD. DUCKWORTH & ORDINANCE	0	---	-	-	-	-	-	-	-	-	-	-	-	-
30116C	HALIFAX, N.S. BARRINGTON & DUKE	0	---	-	-	-	-	-	-	-	-	-	-	-	-
40202C	SAINT JOHN, N.B. POST OFFICE	743	***	0	1	2	6	0	1	1	2	0	1	1	1
50102R	MONTREAL, QUEBEC JARDIN BOTANIQUE	613	0.8	1	2	3	3	1	2	2	3	1	2	2	2
50103R	POINTE-AUX-TREMBLES	733	0.5	1	1	2	3	1	1	2	2	1	1	1	2
50104C	1125 ONTARIO EST	638	2.5	3	4	5	6	3	4	4	5	3	4	4	4
50108R	1700 BOURASSA, LONGUEUIL	531	1.0	1	2	4	6	1	2	4	4	1	2	2	2
50109C	DUNCAN & DECARIE	744	1.7	2	4	5	9	2	3	4	4	2	3	3	3
50110C	PARC PILON, MTL.-NORD	691	0.9	1	2	3	5	1	2	3	3	1	2	2	2
50112C	BOUL. LAURENTIDES	526	***	0	1	2	3	0	1	2	2	0	1	1	1
50113R	PIE X & CARDINAL	236	---	1	1	2	2	1	1	1	1	1	1	1	1
50115C	1001 BOUL MAISONNEUVE O.	721	2.2	3	5	6	9	3	4	5	5	3	4	4	4
50116R	3161 JOSEPH, VERDUN	744	***	1	1	2	2	1	1	1	2	1	1	1	1
50203R	HULL, QUEBEC GAMBLIN & JOFFRE	623	***	0	1	2	2	0	1	1	1	1	1	1	1
50304C	QUEBEC, QUEBEC 325 DORCHESTER SUD	589	1.1	1	2	4	7	1	2	3	4	1	2	2	2
60101C	OTTAWA, ONT. 88 SLATER ST.	720	1.8	2	5	6	9	2	4	5	5	2	3	3	3
60104C	RIDEAU & WURTEMBERG	694	0.9	1	1	2	4	1	1	2	2	1	1	1	1
60204C	WINDSOR, ONT. 471 UNIVERSITY AVENUE	693	0.7	1	2	3	6	1	2	3	4	1	2	3	3
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	736	2.3	3	5	5	6	3	4	5	5	3	3	3	3
60403I	EVANS & ARNOLD	728	1.6	2	3	3	4	2	2	3	3	2	2	2	2
60410R	LAWRENCE & KENNEDY	732	1.5	2	3	4	4	2	3	3	4	2	2	3	3
60412R	BATHURST & WILSON	723	0.9	1	3	4	5	1	2	3	3	1	2	3	3
60413R	ELMCREST ROAD	589	0.6	1	2	2	7	1	1	2	2	1	1	1	1
60414I	SHERBOURNE & WILTON ST.	726	1.5	2	3	5	7	2	3	4	5	2	2	3	3
60415R	QUEENSWAY W & HURONTARIO	651	1.1	1	2	3	3	1	2	2	2	1	2	2	2
60416C	381 YONGE STREET	741	4.7	5	14	24	30	5	12	17	18	6	9	10	10
60417C	26 BREADALBANE STREET	722	1.0	1	2	3	4	1	2	3	3	2	2	2	2
60501C	HAMILTON, ONT. BARTON & SANFORD	717	0.6	1	2	3	3	1	2	2	2	1	1	2	2
60602R	SUDBURY, ONT. ASH STREET	600	***	0	0	0	6	0	0	1	1	0	0	0	0
60901C	LONDON, ONT. KING & RECTORY	720	***	0	1	1	9	0	1	1	1	0	0	0	0
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	708	***	0	1	2	3	0	1	1	1	0	1	1	1
61201R	CORNWALL, ONT. MEMORIAL PARK	720	0.7	1	1	2	3	1	1	2	2	1	1	1	1
61301C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	725	***	0	2	2	5	0	1	2	3	1	1	1	1
61501C	KITCHENER, ONT. EDNA & FREDERICK	714	0.8	1	2	3	5	1	2	2	2	1	2	2	2
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	716	0.5	0	3	6	8	0	3	4	5	1	2	3	4
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	728	1.9	2	4	4	5	2	3	4	4	2	3	4	4
70118R	WINNIPEG, MAN. JEFFERSON & SCOTIA	332	---	1	2	2	3	1	2	2	2	1	1	1	1
70119C	65 ELLEN STREET	439	***	1	2	2	4	1	1	1	2	1	1	1	1
70120R	604 ST. MARY'S RD.	0	---	-	-	-	-	-	-	-	-	-	-	-	-
80109C	REGINA, SASK. 1620 ALBERT STREET	709	***	1	2	3	3	1	1	2	3	1	1	1	2
80209C	SASKATOON, SASK. IDYLWYLD DR. & 33RD ST.	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.

CARBON MONOXIDE
PARTS PER MILLIONJULY - JUILLET
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							
				INTERVALS - INTERVALLES											
				1-HOUR / HEURE				8-HOUR / HEURES				24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX	70	95	99	MAX
EDMONTON, ALTA.															
90121X	17 STREET & 105 AVENUE	673	0.9	1	2	3	4	1	2	2	3	1	2	2	2
90122R	127 ST. & 133 AVENUE	723	***	0	2	4	8	0	1	2	3	1	1	1	1
90130C	10255 - 104TH STREET	724	1.5	2	3	4	7	2	3	3	4	2	2	3	3
CALGARY, ALTA.															
90222R	39 ST. & 29 AVE. N.W.	651	0.6	1	1	2	4	1	1	2	2	1	1	1	1
90227C	1611-4TH STREET S.W.	720	1.7	2	4	5	7	2	3	4	4	2	3	3	3
VANCOUVER, B.C.															
00106R	2294 WEST 10TH AVENUE	719	0.8	1	2	3	5	1	2	3	3	1	1	2	2
00108I	250 WEST 70TH AVENUE	708	***	1	1	2	3	1	1	2	2	1	1	1	1
00110R	E. HASTINGS & KENSINGTON	718	1.0	1	2	2	3	1	2	2	2	1	1	2	2
00111I	ROCKY PT. PARK	536	0.8	1	2	3	7	1	2	3	3	1	2	2	2
00112C	ROBSON/HORNBY	730	1.8	2	4	5	7	2	3	4	5	2	2	3	3
VICTORIA, B.C.															
00302C	1106 COOK ST.	744	0.6	1	2	3	4	1	2	2	2	1	1	2	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.

NITROGEN DIOXIDE
PARTS PER HUNDRED MILLION

JULY - JUILLET
1982

DIOXYDE D'AZOTE
PARTIES PAR CENT MILLIONS

STATION	LOCATION EMPLACEMENT	NUMBER OF HOURLY SAMPLES NOMBRE DE DONNEES HORAIRES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS - CENTILES - DISTRIBUTIONS DES FREQUENCES				MEANS - MOYENNES			
				INTERVALS - INTERVALLES		1-HOUR / HEURE		24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX
30115I	HALIFAX, N.S.	641	***	1	2	4	6	1	2	2	2
30116C	CFB SHEARWATER	588	1.3	2	3	4	5	2	3	3	3
40202C	BARRINGTON & DUKE										
	SAINT JOHN, N.B.	743	1.0	1	3	4	6	1	2	3	3
	POST OFFICE										
	MONTREAL, QUEBEC										
50102R	JARDIN BOTANIQUE	601	2.1	2	4	6	10	2	4	5	5
50104C	1125 ONTARIO EST	744	2.6	3	5	6	7	3	4	5	5
50108R	1700 BOURASSA, LONGUEUIL	101	---	2	3	3	3	2	2	2	2
50109C	DUNCAN & DECARIE	637	2.3	3	5	6	8	3	4	5	5
50110C	PARC PILON, MTL.-NORD	418	2.3	3	6	7	8	3	5	5	5
50112C	BOUL. LAURENTIDES	435	1.4	1	4	5	5	2	3	3	3
50113R	PIE X & CARDINAL	158	---	3	4	5	6	2	3	3	3
50115C	1001 BOUL MAISONNEUVE O.	464	3.6	4	7	8	9	4	6	7	7
50116R	3161 JOSEPH, VERDUN	643	1.4	2	3	4	5	2	2	3	3
50203R	HULL, QUEBEC										
	GAMELIN & JOFFRE	569	1.3	2	3	4	5	2	2	3	3
50304C	QUEBEC, QUEBEC										
	325 DORCHESTER SUD	265	---	3	4	5	5	2	3	3	3
60101C	OTTAWA, ONT.										
	88 SLATER ST.	739	3.3	4	6	8	14	4	6	6	6
60104C	RIDEAU & WURTEMBERG	726	***	1	2	4	8	1	1	2	2
60105R	NRC, MONTREAL ROAD	743	1.3	2	3	5	6	2	2	2	2
60204C	WINDSOR, ONT.										
	471 UNIVERSITY AVENUE	712	2.5	3	5	6	10	3	4	4	4
60402R	TORONTO, ONT.										
	DON MILLS, SCIENCE CNTR	736	1.9	2	4	6	8	2	3	4	4
60403T	EVANS & ARNOLD	679	3.0	3	5	6	8	3	4	5	5
60410R	LAWRENCE & KENNEDY	730	2.3	3	5	7	10	3	4	5	5
60412R	BATHURST & WILSON	610	2.9	4	9	12	14	4	8	10	10
60413R	ELMCREST ROAD	691	1.6	2	4	6	9	2	3	4	4
60414I	SHERBOURNE & WILTON ST.	729	3.4	4	6	9	11	4	6	7	7
60415R	QUEENSWAY W & HURONTARIO	676	2.6	3	5	7	9	3	5	5	5
60417C	26 BREADALBANE STREET	724	2.7	3	6	8	12	3	5	6	6
60501C	HAMILTON, ONT.										
	BARTON & SANFORD	727	2.6	3	6	7	8	3	5	6	6
60505R	NORTH PARK	727	2.6	4	6	7	8	3	5	5	6
60602R	SUDBURY, ONT.										
	ASH STREET	709	***	0	1	1	6	0	1	1	1
60901C	LONDON, ONT.										
	KING & RECTORY	722	1.6	2	4	5	6	2	3	3	3
61004R	SARNIA, ONT.										
	FRONT ST. AT C.N. TRACKS	723	2.1	3	5	6	9	3	4	4	4
61201R	CORNWALL, ONT.										
	MEMORIAL PARK	720	***	1	2	2	6	1	1	1	1
61301C	ST. CATHARINES, ONT.										
	NORTH ST. & GENEVA ST.	729	1.7	2	4	5	6	2	3	3	3
61501C	KITCHENER, ONT.										
	EDNA & FREDERICK	741	2.3	3	5	7	9	3	5	5	6
61602R	OAKVILLE, ONT.										
	BRONTE AND WOBURN CRES.	672	1.4	2	3	5	6	2	3	3	3
61701R	OSHAWA, ONT.										
	RITSON RD. & OLIVE AVE.	729	2.1	3	5	7	9	3	4	5	6
70118R	WINNIPEG, MAN.										
	JEFFERSON & SCOTIA	530	1.0	1	3	4	5	1	2	2	2
70119C	65 ELLEN STREET	0	---	-	-	-	-	-	-	-	-
80109C	REGINA, SASK.										
	1620 ALBERT STREET	324	---	4	7	8	9	4	6	6	6
90122R	EDMONTON, ALTA.										
	127 ST. & 133 AVENUE	722	1.9	2	4	5	7	2	3	3	3
90130C	10255 - 104TH STREET	725	3.2	4	5	7	9	4	4	5	5
90222R	CALGARY, ALTA.										
	39 ST. & 29 AVE. N.W.	678	1.2	1	3	6	11	1	2	4	4
90227C	1611-4TH STREET S.W.	717	3.9	5	6	7	9	4	5	6	6

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

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

NITROGEN DIOXIDE
PARTS PER HUNDRED MILLION

JULY - JUILLET
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	707	2.1	3	4	5	6		2	3	4	4	
00108I	250 WEST 70TH AVENUE	474	1.5	2	3	4	5		2	2	2	2	
00110R	E. HASTINGS & KENSINGTON	213	---	3	6	8	10		3	5	5	5	
00111I	ROCKY PT. PARK	528	2.2	2	5	7	9		3	4	5	5	
00112C	ROBSON/HORNEY	134	---	3	6	7	7		3	4	5	5	
	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 MILLIONJULY - JUILLET
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			
				1-HOUR / HEURE				70 95 99 MAX			
30115I	HALIFAX, N.S.	589	3.4	4	6	7	8	4	5	6	6
30116C	CFB SHEARWATER	501	0.8	1	2	2	3	1	2	2	2
40202C	BARRINGTON & DUKE										
	SAINT JOHN, N.B.										
	POST OFFICE	743	2.9	3	5	8	10	4	5	5	6
50102R	MONTREAL, QUEBEC										
50103R	JARDIN BOTANIQUE	594	2.8	4	8	10	12	4	7	8	8
50104C	POINTE-AUX-TREMBLES	585	2.0	3	6	9	12	3	4	4	5
50108R	1125 ONTARIO EST	720	2.4	3	7	8	10	3	5	6	7
50109C	1700 BOURASSA; LONGUEUIL	733	2.7	3	7	9	9	3	5	6	6
50110C	DUNCAN & DECARIE	153	---	2	3	3	3	1	2	2	2
50112C	PARC PILON, MTL.-NORD	733	2.7	4	7	9	10	3	6	7	7
50113R	BOUL. LAURENTIDES	709	3.0	4	8	10	11	4	6	7	7
50115C	PIE X & CARDINAL	231	---	3	6	7	9	3	4	4	4
50116R	1001 BOUL MAISONNEUVE O.	718	1.1	1	5	6	7	1	3	4	4
	3161 JOSEPH, VERDUN	737	2.4	3	7	8	13	3	5	6	7
50304C	QUEBEC, QUEBEC										
50306R	325 DORCHESTER SUD	545	1.2	2	3	7	8	1	4	4	4
	2026 BLVD. ST-CYRILLE	730	2.7	4	7	9	12	3	6	7	8
60101C	OTTAWA, ONT.										
60104C	88 SLATER ST.	743	1.9	2	5	7	8	2	4	6	6
60105R	RIDEAU & WURTEMBERG	722	2.5	3	6	8	9	3	5	6	6
	NRC, MONTREAL ROAD	741	2.1	3	5	8	9	2	4	5	6
60204C	WINDSOR, ONT.										
	471 UNIVERSITY AVENUE	640	3.3	4	7	9	10	4	5	6	6
60402R	TORONTO, ONT.										
60403I	DON MILLS, SCIENCE CNTR	728	2.3	3	6	8	10	3	4	4	4
60410R	EVANS & ARNOLD	724	2.1	3	5	7	10	3	4	4	5
60413R	LAWRENCE & KENNEDY	730	2.4	3	6	7	9	3	4	5	5
60414I	ELMCREST ROAD	714	2.5	4	6	9	12	3	4	6	6
60415R	SHERBOURNE & WILTON ST.	730	1.8	2	4	6	8	2	3	3	4
60417C	QUEENSWAY W & HURONTARIO	676	2.2	3	6	8	10	3	4	4	5
	26 BREADALBANE STREET	714	2.5	3	6	7	11	3	4	5	5
60501C	HAMILTON, ONT.										
	BARTON & SANFORD	728	2.7	4	6	7	8	3	5	6	6
60602R	SUDBURY, ONT.										
	ASH STREET	731	2.4	3	6	8	10	3	5	7	7
60806R	THUNDER BAY, ONT.										
	435 JAMES S.	728	1.1	2	3	4	4	1	2	3	3
60901C	LONDON, ONT.										
	KING & RECTORY	724	3.6	5	8	9	11	4	6	7	7
61004R	SARNIA, ONT.										
	FRONT ST. AT C.N. TRACKS	722	3.4	4	7	10	13	4	6	6	7
61201R	CORNWALL, ONT.										
	MEMORIAL PARK	672	2.4	3	5	7	7	3	5	5	6
61301C	ST. CATHARINES, ONT.										
	NORTH ST. & GENEVA ST.	726	3.1	4	7	8	9	4	5	6	6
61501C	KITCHENER, ONT.										
	EDNA & FREDERICK	737	2.6	4	6	8	10	3	5	6	7
61602R	OAKVILLE, ONT.										
	BRONTE AND WOBURN CRES.	733	2.2	3	5	7	8	3	4	4	5
61701R	OSHAWA, ONT.										
	RITSON RD. & OLIVE AVE.	731	2.6	3	6	8	11	3	4	5	5
70118R	WINNIPEG, MAN.										
70119C	JEFFERSON & SCOTIA	332	---	3	4	4	5	2	3	3	3
	65 ELLEN STREET	447	0.8	1	3	5	6	1	2	3	3
80109C	REGINA, SASK.										
	1620 ALBERT STREET	543	2.4	3	4	6	9	3	3	4	4
90122R	EDMONTON, ALTA.										
90130C	127 ST. & 133 AVENUE	713	2.7	4	6	7	7	3	4	4	5
	10255 - 104TH STREET	713	1.8	3	5	6	6	2	3	4	4
90222R	CALGARY, ALTA.										
90227C	39 ST. & 29 AVE. N.W.	707	2.8	3	5	8	10	3	4	4	5
	1611-4TH STREET S.W.	708	1.6	2	4	6	7	2	3	3	3

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

OZONE
PARTS PER HUNDRED MILLION

JULY - JUILLET
1982

OZONE
PARTIES PAR CENT MILLIONS

STATION	LOCATION EMPLACEMENT	NUMBER OF HOURLY SAMPLES NOMBRE DE DONNEES HORAIRES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS - CENTILES - DISTRIBUTIONS DES FREQUENCES				INTERVALS - INTERVALLES				MEANS ---- MOYENNES			
				1-HOUR / HEURE				24-HOUR / HEURES							
				70	95	99	MAX	70	95	99	MAX				
	VANCOUVER, B.C.														
00106R	2294 WEST 10TH AVENUE	652	1.4	2	4	6	7	2	2	3	3				
00108I	250 WEST 70TH AVENUE	731	1.5	2	4	5	6	2	2	3	3				
00110R	E. HASTINGS & KENSINGTON	653	1.7	2	4	5	6	2	3	3	3				
00111I	ROCKY PT. PARK	343	---	2	4	5	6	2	2	3	3				
00112C	ROBSON/HORNBY	664	0.8	1	2	3	5	1	1	1	1				
	VICTORIA, B.C.														
00302C	1106 COOK ST.	217	---	2	4	5	6	2	2	3	3				

--- 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.

JULY - JUILLET
1982

INDICE DE SOUILLURE
UNITES COH PAR 1000 PIEDS LINEAIRES

STATION	LOCATION	NUMBER OF SAMPLES NOMBRE DE DONNEES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS				DISTRIBUTIONS DES FREQUENCES			
	EMPLACEMENT			INTERVALS - INTERVALLES		2-HOUR / HEURES		MEANS ----- MOYENNES		24-HOUR / HEURES	
				70	95	99	MAX	70	95	99	MAX
MONTREAL, QUEBEC											
50101R	PARC JARRY	302	****	0.0	0.2	0.3	0.3	0.0	0.1	0.2	0.2
50103R	POINTE-AUX-TREMBLES	110	----	0.1	0.2	0.3	0.3	0.1	0.1	0.2	0.2
50104C	1125 ONTARIO EST	343	0.18	0.2	0.4	0.5	0.9	0.2	0.3	0.4	0.4
50106R	VILLE ST-LAURENT	368	0.20	0.2	0.6	0.9	1.0	0.2	0.5	0.5	0.6
50109C	DUNCAN & DECARIE	372	0.48	0.6	1.1	1.7	1.9	0.6	1.0	1.2	1.2
50110C	PARC PILON, MTL.-NORD	345	0.22	0.3	0.5	0.7	1.4	0.2	0.5	0.5	0.5
50115C	1001 BOUL MAISONNEUVE O.	372	0.16	0.2	0.3	0.5	0.6	0.2	0.3	0.3	0.3
50116R	3161 JOSEPH, VERDUN	363	0.10	0.1	0.3	0.5	0.7	0.1	0.2	0.3	0.3
HULL, QUEBEC											
50203R	GAMELIN & JOFFRE	346	0.12	0.2	0.5	0.5	0.8	0.1	0.2	0.3	0.3
TROIS-RIVIERES, QUEBEC											
50801R	HART & STE-CECILE	358	0.19	0.2	0.5	0.7	1.0	0.2	0.4	0.5	0.5
SHAWINIGAN, QUEBEC											
51201I	FRIGON & LAVAL	335	0.14	0.2	0.5	1.0	2.0	0.2	0.4	0.5	0.5
OTTAWA, ONT.											
60101C	88 SLATER ST.	357	0.19	0.3	0.5	0.8	1.3	0.2	0.3	0.4	0.5
60104C	RIDEAU & WURTEMBERG	671	(1) ****	0.1	0.3	0.4	0.5	0.1	0.2	0.2	0.2
WINDSOR, ONT.											
60204C	471 UNIVERSITY AVENUE	729	(1) 0.46	0.5	0.9	1.4	2.3	0.5	0.7	1.1	1.1
60211R	COLLEGE & PRINCE	727	(1) 0.42	0.5	0.9	1.3	1.6	0.5	0.7	0.7	0.8
TORONTO, ONT.											
60402R	DON MILLS, SCIENCE CNTR	307	0.15	0.2	0.6	0.6	0.8	0.2	0.3	0.4	0.4
60403I	EVANS & ARNOLD	731	(1) 0.50	0.6	1.2	1.5	1.7	0.6	0.9	1.0	1.0
60409R	REDLANDS CRESCENT	234	0.11	0.2	0.4	0.4	0.6	0.1	0.2	0.3	0.4
60410R	LAWRENCE & KENNEDY	731	(1) 0.36	0.4	0.9	1.4	1.7	0.4	0.8	0.9	1.0
60412R	BATHURST & WILSON	729	(1) 0.52	0.7	1.4	1.9	2.2	0.7	1.2	1.4	1.5
60413R	ELMCREST ROAD	728	(1) 0.31	0.4	0.8	1.2	1.4	0.4	0.7	0.7	0.7
60414I	SHERBOURNE & WILTON ST.	729	(1) 0.49	0.6	1.2	1.5	2.1	0.6	0.9	1.1	1.1
60415R	QUEENSWAY W & HURONTARIO	371	0.15	0.2	0.5	0.9	1.3	0.2	0.4	0.4	0.4
60417C	26 BREADALBANE STREET	695	(1) 0.38	0.5	0.9	1.2	1.7	0.4	0.8	1.0	1.0
HAMILTON, ONT.											
60501C	BARTON & SANFORD	728	(1) 0.57	0.6	1.5	1.8	2.2	0.7	1.2	1.5	1.5
60505R	NORTH PARK	727	(1) 0.58	0.8	1.4	1.7	1.9	0.8	1.1	1.2	1.2
SUDBURY, ONT.											
60602R	ASH STREET	721	(1) ****	0.1	0.3	0.4	0.5	0.1	0.2	0.2	0.2
THUNDER BAY, ONT.											
60806R	435 JAMES S.	354	0.14	0.2	0.5	0.7	0.9	0.2	0.2	0.2	0.3
LONDON, ONT.											
60901C	KING & RECTORY	727	(1) 0.28	0.3	0.7	0.9	1.1	0.3	0.5	0.6	0.6
60902C	372 DUNDAS	352	0.23	0.3	0.6	0.9	1.0	0.3	0.4	0.4	0.4
SARNIA, ONT.											
61004R	FRONT ST. AT C.N. TRACKS	724	(1) 0.28	0.3	0.6	0.8	1.0	0.3	0.5	0.6	0.6
PETERBOROUGH, ONT.											
61103C	500 GEORGE STREET	329	0.16	0.2	0.5	0.7	1.9	0.2	0.4	0.4	0.4
CORNWALL, ONT.											
61201R	MEMORIAL PARK	684	(1) ****	0.1	0.3	0.4	0.6	0.1	0.1	0.2	0.2
ST. CATHARINES, ONT.											
61301C	NORTH ST. & GENEVA ST.	727	(1) 0.28	0.3	0.6	0.9	1.5	0.3	0.5	0.5	0.5
KITCHENER, ONT.											
61501C	EDNA & FREDERICK	148	----	0.2	0.6	1.0	1.2	0.2	0.4	0.4	0.4
OAKVILLE, ONT.											
61602R	BRONTE AND WOBURN CRES.	719	(1) 0.50	0.6	1.2	1.7	2.1	0.6	1.0	1.2	1.2
OSHAWA, ONT.											
61701R	RITSON RD. & OLIVE AVE.	724	(1) 0.34	0.4	0.9	1.4	1.7	0.4	0.7	0.8	0.9
GUELPH, ONT.											
61801C	FARQUHAR & WYNDHAM	149	----	0.2	0.4	0.4	0.4	0.1	0.2	0.2	0.2
WINNIPEG, MAN.											
70118R	JEFFERSON & SCOTIA	266	****	0.0	0.1	0.2	0.3	0.0	0.1	0.1	0.2
70119C	65 ELLEN STREET	261	****	0.1	0.3	0.4	0.4	0.1	0.2	0.2	0.2
70120R	604 ST. MARY'S RD.	346	****	0.1	0.2	0.2	0.3	0.1	0.1	0.1	0.1

(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.

SOILING INDEX
COH UNITS PER 1000 LINEAR FT.

JULY - JUILLET
1982

INDICE DE SOUILLURE
UNITES COH PAR 1000 PIEDS LINEAIRES

STATION	LOCATION	NUMBER OF SAMPLES NOMBRE DE DONNEES		MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS				DISTRIBUTIONS DES FREQUENCES			
	EMPLACEMENT				INTERVALS - INTERVALLES				MEANS - MOYENNES			
					2-HOUR / HEURES				24-HOUR / HEURES			
					70	95	99	MAX	70	95	99	MAX
80209C	SASKATOON, SASK. IDYLWYLD DR. & 33RD ST.	0		----	-	-	-	-	-	-	-	-
90122R	EDMONTON, ALTA. 127 ST. & 133 AVENUE	742	(1)	0.22	0.3	0.6	0.9	1.2	0.3	0.5	0.7	0.8
90130C	10255 - 104TH STREET	744	(1)	0.28	0.3	0.6	0.9	1.3	0.3	0.5	0.7	0.7
90218I	CALGARY, ALTA. BONNY BRK & 18A ST. S.E.	702	(1)	0.28	0.3	0.7	1.1	1.9	0.3	0.5	0.5	0.6
90222R	39 ST. & 29 AVE. N.W.	744	(1)	0.13	0.2	0.3	0.5	0.7	0.2	0.2	0.3	0.3
90227C	1611-4TH STREET S.W.	744	(1)	0.42	0.5	0.9	1.2	1.6	0.5	0.6	0.7	0.7
00102R	VANCOUVER, B.C. 100 RICHMOND STREET	372		****	0.2	0.3	0.5	0.6	0.1	0.2	0.3	0.3
00106R	2294 WEST 10TH AVENUE	352		0.18	0.3	0.5	1.4	1.8	0.2	0.4	0.5	0.5
00108I	250 WEST 70TH AVENUE	372		0.10	0.2	0.4	0.4	0.6	0.1	0.2	0.2	0.2
00110R	E. HASTINGS & KENSINGTON	278		0.10	0.2	0.3	0.4	0.5	0.1	0.2	0.2	0.2
00111I	ROCKY PT. PARK	272		0.15	0.2	0.4	0.6	0.7	0.2	0.2	0.3	0.3
00112C	ROBSON/HORNBY	347		0.17	0.2	0.4	0.5	0.6	0.2	0.3	0.3	0.3
00202C	PRINCE GEORGE, B.C. 1011 4TH AVENUE	372		0.13	0.2	0.4	0.5	0.6	0.2	0.2	0.3	0.3
00302C	VICTORIA, B.C. 1106 COOK ST.	0		----	-	-	-	-	-	-	-	-
09001C	WHITEHORSE, YUKON FEDERAL BUILDING	260		0.20	0.3	0.7	0.9	1.0	0.2	0.4	0.4	0.5

(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

JULY - JUILLET
1982

PLOMB ET PARTICULES EN SUSPENSION
MICROGRAMMES PAR METRE CUBE

STATION	LOCATION EMPLACEMENT	*----- PARTICULATES / PARTICULES -----*					MEAN MOYENNE	*----- LEAD / PLOMB -----*					MEAN MOYENNE
		4	10	16	22	28		4	10	16	22	28	
10101C	ST. JOHN'S, NFLD. DUCKWORTH & ORDINANCE	18	42	-	-	46	35	0.0	0.2	-	-	0.3	0.2
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	37	26	-	15	23	25	0.1	0.1	-	0.1	0.1	0.1
30101C	HALIFAX, N.S. N.S. TECHNICAL COLLEGE	30	55	70	26	50	46	-	-	-	-	-	-
30102R	DALHOUSIE UNIVERSITY	-	44	-	-	27	-	-	0.1	-	-	0.2	-
30114R	MT ST VINCENT UNIVERSITY	26	29	37	15	20	25	0.1	0.1	0.2	0.1	0.1	0.1
30115I	CFB SHEARWATER	18	-	37	-	-	-	0.1	-	0.1	-	-	-
30310C	SYDNEY, N.S. COUNTY JAIL	48	58	57	53	46	52	0.2	0.3	0.3	0.4	0.3	0.3
30311R	WHITNEY PIER FIRE STN.	-	-	60	49	70	60	-	-	0.4	0.4	0.4	0.4
30408R	GLACE BAY, N.S. SOUTH STREET	42	82	83	43	39	58	0.0	0.1	0.1	0.1	0.1	0.1
40102C	FREDERICTON, N.B. YORK STREET	24	37	55	14	21	30	0.2	0.3	0.4	0.4	0.2	0.3
40201C	SAINT JOHN, N.B. 110 CHARLOTTE STREET	46	79	77	51	47	60	0.1	0.2	0.2	0.2	0.1	0.2
40301C	MONCTON, N.B. 774 MAIN STREET	-	-	-	-	-	-	-	-	-	-	-	-
50102R	MONTREAL, QUEBEC JARDIN BOTANIQUE	61	49	66	50	30	51	0.3	0.1	0.1	0.1	0.1	0.1
50103R	POINTE-AUX-TREMBLES	51	58	97	50	34	58	-	-	-	-	-	-
50104C	1125 ONTARIO EST	37	57	90	70	43	59	0.4	0.4	0.5	0.4	0.4	0.4
50105C	1212 DRUMMOND	73	60	109	91	47	76	-	-	-	-	-	-
50106R	VILLE ST-LAURENT	-	-	-	-	-	-	-	-	-	-	-	-
50108R	1700 BOURASSA, LONGUEUIL	-	50	55	44	33	46	-	0.1	0.1	0.1	0.1	0.1
50109C	DUNCAN & DECARIE	107	78	130	89	50	91	0.7	0.4	1.5	0.7	0.4	0.7
50110C	PARC PILON, MTL.-NORD	42	48	59	48	61	52	-	-	-	-	-	-
50112C	BOUL. LAURENTIDES	36	43	56	-	39	44	0.3	0.2	0.2	-	0.3	0.3
50113R	PIE X & CARDINAL	34	42	70	57	36	48	0.1	0.2	0.2	0.2	0.1	0.2
50115C	1001 BOUL MAISONNEUVE O.	-	-	-	-	-	-	-	-	-	-	-	-
50116R	3161 JOSEPH, VERDUN	32	44	77	41	24	44	0.4	0.3	0.4	0.3	0.2	0.3
50203R	HULL, QUEBEC GAMELIN & JOFFRE	34	49	80	53	46	52	0.2	0.2	0.3	0.2	0.3	0.2
50303I	QUEBEC, QUEBEC CENTRE LOISIRS LIMOILLOU	33	49	88	66	68	61	0.4	0.4	0.4	0.1	0.4	0.3
50306R	2026 BLVD. ST-CYRILLE	16	35	46	34	-	33	-	0.4	0.3	0.1	-	0.3
50402R	SHERBROOKE, QUEBEC CASERNE DE POMPIERS #5	-	-	-	-	-	-	-	-	-	-	-	-
50403C	WELLINGTON & ALBERT	38	25	76	69	-	52	0.3	-	0.4	0.4	-	0.4
50502R	CHICOUTIMI, QUEBEC USINE DE FILTRATION	32	-	64	34	31	40	-	-	-	-	-	-
50503C	222 RACINE	37	52	89	61	45	57	0.3	0.5	0.7	0.4	0.2	0.4
50601C	ROUYN, QUEBEC HOTEL DE VILLE	37	18	-	88	-	48	0.1	-	-	-	-	-
50701C	SEPT-ILES, QUEBEC HOTEL DE VILLE	7	-	-	-	37	-	-	-	-	-	0.1	-
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	42	58	67	77	46	58	0.4	0.4	0.4	0.2	0.2	0.3
50901R	ARVIDA, QUEBEC POWELL & HOOPES	14	32	53	97	68	53	-	0.2	0.5	0.4	0.3	0.4
51002R	TRACY, QUEBEC GARNEAU & RTE 132	16	-	84	61	79	60	0.1	-	0.2	0.1	0.2	0.2
51101C	THETFORD MINES, QUEBEC BOUL. STE-MARTHE	17	23	46	31	27	29	-	0.2	0.3	0.2	0.2	0.2
51201I	SHAWINIGAN, QUEBEC FRIGON & LAVAL	42	53	167	166	180	122	0.2	0.2	0.2	0.1	0.2	0.2
51301R	BAIE COMEAU, QUEBEC 39 AVE. MARGUETTE	27	39	40	47	42	39	0.1	0.1	0.1	0.1	0.1	0.1
60101C	OTTAWA, ONT. 88 SLATER ST.	34	50	103	81	66	67	0.2	0.3	0.5	0.4	0.5	0.4
60104C	RIDEAU & WURTEMBERG	-	-	-	-	-	-	-	-	-	-	-	-
60105R	NRC, MONTREAL ROAD	26	47	75	47	45	48	0.2	0.1	0.2	0.2	0.2	0.2
60201I	WINDSOR, ONT. MORTON TERMINAL DOCK	58	48	95	59	52	62	0.2	0.2	0.2	0.4	0.2	0.2
60202C	CITY HALL	58	59	114	60	32	65	0.3	0.3	0.5	0.4	0.3	0.4
60203R	TECUMSEH WATER WORKS	31	43	80	51	26	46	0.0	0.0	0.1	0.0	0.0	0.0
60204C	471 UNIVERSITY AVENUE	58	57	107	64	31	63	0.2	0.2	0.2	0.3	0.4	0.3

SUSPENDED PARTICULATE MATTER AND LEAD
MICROGRAMS PER CUBIC METREJULY - JUILLET
1982PLOMB 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	23	-	-	-	-	-	0.1	-	-	-	-	-
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	35	51	105	53	25	54	-	0.3	0.7	0.5	0.2	0.4
60403I	EVANS & ARNOLD	41	62	116	77	32	66	0.3	0.4	0.5	0.8	0.5	0.5
60409R	REDLANDS CRESCENT	55	48	147	35	28	63	0.1	0.0	0.2	0.4	0.0	0.1
60410R	LAWRENCE & KENNEDY	61	53	102	105	40	72	-	0.2	0.5	0.7	0.4	0.5
60412R	BATHURST & WILSON	63	-	127	-	44	78	-	-	1.8	-	0.3	-
60413R	ELMCREST ROAD	51	82	145	93	38	82	-	0.2	0.4	0.7	0.3	0.4
60414I	SHERBOURNE & WILTON ST.	73	125	176	-	-	125	0.7	0.7	1.3	1.2	0.4	0.9
60415R	QUEENSWAY W & HURONTARIO	48	76	99	104	44	74	0.2	0.1	0.6	0.4	0.4	0.3
60417C	26 BREADALBANE STREET	64	71	124	85	34	76	0.4	0.3	0.6	0.5	0.2	0.4
60501C	HAMILTON, ONT. BARTON & SANFORD	85	115	191	98	47	107	-	0.3	0.7	0.3	0.3	0.4
60503I	CHATHAM & FRID	80	162	189	120	34	117	0.8	0.3	0.5	0.4	0.3	0.5
60505R	NORTH PARK	50	74	152	117	45	88	0.4	0.1	0.5	1.0	0.3	0.5
60602R	SUDBURY, ONT. ASH STREET	25	47	-	-	-	-	0.0	0.0	-	-	-	-
60605C	19 LISGAR STREET	-	-	-	-	-	-	-	-	-	-	-	-
60705R	SAULT STE. MARIE, ONT. 550 QUEEN STREET WEST	147	79	-	-	-	-	0.0	0.0	0.0	0.2	0.2	0.1
60801C	THUNDER BAY, ONT. 14 ALGOMA STREET	29	33	49	34	55	40	-	-	-	-	-	-
60806R	435 JAMES S.	38	33	48	34	49	40	0.0	0.2	0.0	0.1	0.0	0.1
60901C	LONDON, ONT. KING & RECTORY	43	62	102	66	29	60	-	-	-	-	-	-
60902C	372 DUNDAS	36	59	79	54	22	50	0.2	0.2	0.3	0.3	0.0	0.2
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	36	60	106	114	35	70	0.1	0.2	0.2	0.3	0.1	0.2
61103C	PETERBOROUGH, ONT. 500 GEORGE STREET	30	51	97	38	-	54	0.1	0.2	0.4	0.3	-	0.3
61201R	CORNWALL, ONT. MEMORIAL PARK	24	42	68	49	21	41	0.2	0.2	0.1	0.1	0.1	0.1
61301C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	44	76	87	57	33	59	0.5	0.2	0.3	0.3	0.2	0.3
61501C	KITCHENER, ONT. EDNA & FREDERICK	-	61	101	74	41	69	-	0.7	1.1	1.2	0.6	0.9
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	-	61	119	76	29	71	-	0.0	0.3	0.3	0.0	0.2
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	55	68	117	97	28	73	0.3	0.4	0.6	0.5	0.0	0.4
61801C	GUELPH, ONT. FARQUHAR & WYNDHAM	23	46	88	42	17	43	0.1	0.1	0.3	0.2	0.0	0.1
70102R	WINNIPEG, MAN. PORTAGE & WOODLAWN	39	53	-	56	48	49	0.1	0.5	-	0.3	0.5	0.4
70104I	UNION STOCK YARDS	32	61	51	64	73	56	0.1	0.2	0.1	0.1	0.4	0.2
70118R	JEFFERSON & SCOTIA	27	33	33	36	45	35	0.1	0.1	0.1	0.1	0.5	0.2
70119C	65 ELLEN STREET	82	59	94	138	85	92	0.2	0.1	0.1	0.3	0.5	0.3
70120R	604 ST. MARY'S RD.	-	40	45	50	44	45	-	0.2	0.3	0.2	0.4	0.3
70201C	BRANDON, MAN. 11TH ST. & PRINCESS AVE.	29	38	35	49	48	40	0.1	0.2	0.2	0.2	0.1	0.2
80102R	REGINA, SASK. 3211 ALBERT STREET	24	58	26	30	47	37	0.1	0.5	0.2	0.2	0.2	0.2
80108C	12TH AVE. & SMITH ST.	50	60	49	55	68	56	0.2	0.4	0.2	0.3	0.2	0.3
80109C	1620 ALBERT STREET	38	61	-	60	65	56	0.1	0.3	-	0.3	0.1	0.2
80203R	SASKATOON, SASK. 30TH ST. & 833 P AVE.	35	43	54	61	52	49	0.1	0.1	0.2	0.1	0.2	0.1
80209C	IDYLWYLD DR. & 33RD ST.	49	58	-	78	64	62	0.1	0.3	-	0.1	0.2	0.2
80301C	MOOSE JAW, SASK. FAIRFORD ST. & 1ST AVE.	53	-	29	-	68	50	0.1	-	0.2	-	0.1	0.1
80401C	PRINCE ALBERT, SASK. 1257-1ST AVE. EAST	73	73	101	61	49	71	0.1	0.2	0.2	0.1	0.2	0.2
90121I	EDMONTON, ALTA. 17 STREET & 105 AVENUE	64	62	-	37	214	94	-	-	-	-	-	-
90122R	127 ST. & 133 AVENUE	10	-	-	24	160	65	-	-	-	-	-	-
90130C	10255 - 104TH STREET	8	80	90	57	136	74	-	-	-	-	-	-
90204C	CALGARY, ALTA. 316-7TH AVENUE	59	174	109	95	167	121	-	-	-	-	-	-
90218I	BONNY BRK & 18A ST. S.E.	36	83	108	146	146	104	-	-	-	-	-	-
90222R	39 ST. & 29 AVE. N.W.	14	42	56	156	106	75	-	-	-	-	-	-

SUSPENDED PARTICULATE MATTER AND LEAD
MICROGRAMS PER CUBIC METRE

JULY - JUILLET
1982

PLOMB ET PARTICULES EN SUSPENSION
MICROGRAMMES PAR METRE CUBE

STATION	LOCATION EMPLACEMENT	*----- PARTICULATES / PARTICULES -----*						*----- LEAD / PLOMB -----*					
		----- DAY / JOUR -----					MEAN	*----- DAY / JOUR -----*					MEAN
		4	10	16	22	28	MOYENNE	4	10	16	22	28	MOYENNE
99001C	YELLOWKNIFE, N.W.T. 50TH AVE. & 49TH STREET	118	-	-	-	-	-	0.1	-	-	-	-	-
	VANCOUVER, B.C.												
00102R	100 RICHMOND STREET	20	41	56	52	66	47	0.3	0.4	0.6	0.3	0.6	0.5
00104R	27TH & ONTARIO	21	42	36	60	31	38	0.3	0.4	0.5	0.3	0.4	0.4
00106R	2294 WEST 10TH AVENUE	19	35	31	52	37	35	0.2	0.3	0.4	0.3	0.4	0.3
00108I	250 WEST 70TH AVENUE	23	51	-	-	49	41	0.2	0.3	-	-	0.3	0.3
00109C	970 BURRARD	-	-	69	96	62	76	-	-	0.9	0.5	0.8	0.8
00110R	E. HASTINGS & KENSINGTON	17	36	40	53	34	36	0.2	0.3	0.5	0.3	0.4	0.4
00111I	ROCKY PT. PARK	-	47	29	56	32	41	-	0.5	0.4	0.3	0.4	0.4
00113I	ANNACIS ISLAND, DELTA	24	35	58	52	50	44	0.2	0.2	0.3	0.2	0.3	0.2
00114C	MUNICIPAL HALL, RICHMOND	22	39	36	42	24	33	0.3	0.4	0.3	0.4	0.3	0.3
00115R	NEWTON ELEM. SCH., SURREY	15	27	36	43	72	39	0.1	0.5	0.4	0.2	0.5	0.3
00116R	FIRE HALL, N. VANCOUVER	19	36	40	68	37	40	0.3	0.4	0.6	0.4	0.5	0.5
00117R	BCIT BURNABY	17	32	39	47	39	35	0.2	0.5	0.7	0.3	0.7	0.5
00202C	PRINCE GEORGE, B.C. 1011 4TH AVENUE	20	70	88	34	196	82	0.1	0.2	0.2	0.2	0.5	0.3
00302C	VICTORIA, B.C. 1105 COOK ST.	22	28	42	32	42	33	0.3	0.2	0.4	0.3	0.7	0.4
00401C	KAMLOOPS, B.C. 301 SEYMOUR ST.	19	58	69	65	117	66	0.2	0.4	0.5	0.4	0.8	0.5
09001C	WHITEHORSE, YUKON FEDERAL BUILDING	-	27	58	140	-	75	-	0.1	0.2	0.3	-	0.2

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

JULY - JUILLET
1982

DIOXYDE 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	-	-	-	-	-
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	0	0	-	-	-
30114R	HALIFAX, N.S. MT ST VINCENT UNIVERSITY	-	-	-	-	-
30115I	CFB SHEARWATER	-	-	-	-	-
30310C	SYDNEY, N.S. COUNTY JAIL	-	-	-	-	-
30311R	WHITNEY PIER FIRE STN.	-	-	-	-	-
30408R	GLACE BAY, N.S. SOUTH STREET	-	-	-	-	-
50102R	MONTREAL, QUEBEC JARDIN BOTANIQUE	-	-	1	-	0
50103R	POINTE-AUX-TREMBLES	0	0	3	1	0
50104C	1125 ONTARIO EST	0	0	0	0	0
50106R	VILLE ST-LAURENT	-	-	-	-	-
50108R	1700 BOURASSA, LONGUEUIL	-	-	1	-	-
50109C	DUNCAN & DECARIE	0	0	-	0	0
50110C	PARC PILON, MTL.-NORD	1	1	1	1	1
50112C	BOUL. LAURENTIDES	0	-	0	-	0
50113R	PIE X & CARDINAL	-	-	-	1	0
50115C	1001 BOUL MAISONNEUVE O.	-	-	-	-	-
50116R	3161 JOSEPH, VERDUN	0	1	0	0	0
50203R	HULL, QUEBEC GAMELIN & JOFFRE	0	0	1	0	-
50303I	QUEBEC, QUEBEC CENTRE LOISIRS LIMOILOU	1	1	-	30	17
50306R	2026 BLVD. ST-CYRILLE	0	1	0	0	-
50601C	ROUYN, QUEBEC HOTEL DE VILLE	0	0	-	22	-
50701C	SEPT-ILES, QUEBEC HOTEL DE VILLE	0	-	-	-	0
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	0	0	0	1	0
50901R	ARVIDA, QUEBEC POWELL & HOOPES	0	0	-	1	2
51201I	SHAWINIGAN, QUEBEC FRIGON & LAVAL	-	2	8	9	17
51301R	BAIE COMEAU, QUEBEC 39 AVE. MARGUETTE	-	1	1	0	1
60101C	OTTAWA, ONT. 88 SLATER ST.	1	0	2	3	1
60104C	RIDEAU & WURTEMBERG	-	-	-	-	-
60105R	NR, MONTREAL ROAD	0	0	1	0	0
60201I	WINDSOR, ONT. MORTON TERMINAL DOCK	0	0	1	0	1
60204C	471 UNIVERSITY AVENUE	1	0	2	1	0
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	1	2	-	2	0
60403I	EVANS & ARNOLD	0	0	2	1	0
60409R	REDLANDS CRESCENT	0	0	5	1	0
60410R	LAWRENCE & KENNEDY	0	0	3	0	0
60412R	BATHURST & WILSON	0	-	6	-	0
60413R	ELMCREST ROAD	0	0	4	1	0
60414I	SHERBOURNE & WILTON ST.	0	0	0	-	-
60415R	QUEENSWAY W & HURONTARIO	0	0	0	-	-
60417C	26 BREADALBANE STREET	0	0	4	0	0
60501C	HAMILTON, ONT. BARTON & SANFORD	4	6	14	2	1
60505R	NORTH PARK	0	0	1	1	0
60602R	SUDBURY, ONT. ASH STREET	1	1	-	-	-
60806R	THUNDER BAY, ONT. 435 JAMES S.	0	0	0	0	0
60901C	LONDON, ONT. KING & RECTORY	0	1	0	0	0

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

JULY - JUILLET
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	0	2	7	4	0
61103C	PETERBOROUGH, ONT. 500 GEORGE STREET	0	0	0	0	-
61201R	CORNWALL, ONT. MEMORIAL PARK	0	0	2	2	0
61301C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	1	3	3	1	0
61501C	KITCHENER, ONT. EDNA & FREDERICK	-	1	-	3	0
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	-	2	1	2	0
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	0	0	3	1	0
61801C	GUELPH, ONT. FARQUHAR & WYNDHAM	0	0	1	0	0
70118R	WINNIPEG, MAN. JEFFERSON & SCOTIA	-	0	0	-	0
70119C	65 ELLEN STREET	-	-	0	1	0
70120R	604 ST. MARY'S RD.	-	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
80401C	PRINCE ALBERT, SASK. 1257-1ST AVE. EAST	0	0	-	0	0
90121I	EDMONTON, ALTA. 17 STREET & 105 AVENUE	0	0	-	0	1
90218I	CALGARY, ALTA. BONNY BRK & 18A ST. S.E.	0	0	1	1	1
00106R	VANCOUVER, B.C. 2294 WEST 10TH AVENUE	0	1	0	1	1
00110R	E. HASTINGS & KENSINGTON	0	0	0	1	0
00111I	ROCKY PT. PARK	-	1	0	1	1
00302C	VICTORIA, B.C. 1106 COOK ST.	-	0	0	0	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

JULY - JUILLET
1982

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	2.0	0.1 **
30309I	PT EDWARD, RICHMOND PLST	0.0	0.1 **
30310C	COUNTY JAIL	3.0	0.7 **
30311R	WHITNEY PIER FIRE STN.	4.0	0.1 **
GLACE BAY, N.S.			
30401R	LAKE ROAD	6.6	0.1 **
30405C	GENERAL HOSPITAL	3.3	0.2 **
MONTREAL, QUEBEC			
50101R	PARC JARRY	3.0	-
50102R	JARDIN BOTANIQUE	3.0	- *
50103R	POINTE-AUX-TREMBLES	5.0	-
50106R	VILLE ST-LAURENT	-	-
50107R	VILLE LASALLE	-	-
TORONTO, ONT.			
60403I	EVANS & ARNOLD	4.2	-
60404R	5126 YONGE STREET	1.8	-
60405I	JOHN STREET PUMP STATION	3.2	-
60406R	ROSEHILL RESERVOIR	4.0	-
60408C	DANFORTH & ROBINSON	-	-
HAMILTON, ONT.			
60501C	BARTON & SANFORD	9.1	-
60502I	BURLINGTON & GAGE	12.2	-
60503I	CHATHAM & FRID	10.0	-
60507C	HUGHSON & HUNTER	6.7	-
60510I	STRATHEARN	14.3	-
SAULT STE. MARIE, ONT.			
60702R	ANNA MCREA PUBLIC SCHOOL	4.7	-
60703I	BAYVIEW & YOUNG	9.6	-
THUNDER BAY, ONT.			
60801C	14 ALGOMA STREET	5.3	-
LONDON, ONT.			
60901C	KING & RECTORY	2.1	-
WINNIPEG, MAN.			
70105R	MARTIN & HENDERSON HWY	13.8	0.4 **
70110C	KENNEDY & ST. MARY'S	7.0	0.1
70113I	WINDERMERE & ROCKMAN	7.8	0.0 **
70115C	PORTAGE & MINTO	9.8	0.1 **
70116I	SMITH & KING	13.9	0.1 **
EDMONTON, ALTA.			
90125C	PRINS ELIZABETH & 108 ST	7.1	0.1 **
90126R	77 AVENUE & 85 STREET	7.9	0.1 **
90127I	115 AVENUE & 159 STREET	40.6	0.1 **
90128R	99 AVENUE & 160 STREET	-	- **
CALGARY, ALTA.			
90219C	620-7TH AVENUE, S.W.	16.5	0.0 **
90221R	DALHOUSIE DR & DALHAM DR	5.2	- **
90223C	11 ST. & 38 AVE. S.E.	12.0	0.1 **
90224I	OGDENDALE & 71 AVE S.E.	10.0	0.2 **
90225R	PALLISER DR & OAKWOOD SW	3.9	0.1 **
90226I	SHEPPARD & 84 AVE S.E.	9.1	0.1 **

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

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