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Service

Environnement
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Service de la
protection de
l'environnement

Monthly Summary July 1981



National Air Pollution Surveillance

Surveillance nationale de la pollution atmosphérique

Extrait mensuel juillet 1981

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Surveillance Report
EPS 5-AP-81-7

Air Pollution
Control Directorate

Rapport de surveillance
EPS 5-AP-81-7

Direction générale de
l'assainissement de l'air

Canada

SULPHUR DIOXIDE
PARTS PER HUNDRED MILLIONJULY - JUILLET
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
10101C	ST. JOHN'S, NFLD. DUCKWORTH & ORDINANCE	631	***	1	2	4	9	1	1	2	2
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	619	***	1	2	2	4	0	1	2	2
30114R	HALIFAX, N.S. MT ST VINCENT UNIVERSITY	328	---	0	1	2	5	0	0	1	1
30115I	CFB SHEARWATER	500	***	0	1	3	6	0	1	1	1
30116C	BARRINGTON & DUKE	621	1.1	1	3	5	8	1	2	4	4
30310C	SYDNEY, N.S. COUNTY JAIL	603	***	0	0	1	3	0	0	1	1
30311R	WHITNEY PIER FIRE STN.	313	---	3	5	10	15	3	5	5	5
30408R	GLACE BAY, N.S. SOUTH STREET	0	---	-	-	-	-	-	-	-	-
40202C	SAINT JOHN, N.B. POST OFFICE	339	---	1	3	9	10	1	2	4	4
50101R	MONTREAL, QUEBEC PARC JARRY	743	***	1	2	3	6	1	2	2	2
50102R	JARDIN BOTANIQUE	730	***	1	2	5	7	1	2	4	4
50103R	POINTE-AUX-TREMBLES	377	1.6	2	5	7	8	2	4	5	5
50104C	1125 ONTARIO EST	653	***	1	2	3	6	1	1	2	2
50105C	1212 DRUMMOND	474	***	1	1	2	3	1	1	1	1
50106R	VILLE ST-LAURENT	744	***	0	0	0	0	0	0	0	0
50109C	DUNCAN & DECARIE	722	***	0	1	2	9	0	1	2	2
50110C	PARC PILON, MTL.-NORD	744	***	0	1	2	5	0	1	1	1
50112C	BOUL. LAURENTIDES	201	---	0	0	1	1	0	0	0	0
50113R	PIE X & CARDINAL	603	***	0	1	2	2	0	1	1	1
50115C	METCALFE & MAISONNEUVE	0	---	-	-	-	-	-	-	-	-
50116R	3161 JOSEPH, VERDUN	722	***	0	1	2	5	1	1	1	1
50203R	HULL, QUEBEC GAMBLIN & JOFFRE	555	***	0	1	1	2	0	1	1	1
50303I	QUEBEC, QUEBEC CENTRE LOISIRS LIMOULOU	0	---	-	-	-	-	-	-	-	-
50304C	325 DORCHESTER SUD	679	***	0	2	4	10	0	1	2	2
50306R	2026 BLVD. ST-CYRILLE	663	***	0	1	3	6	0	1	1	1
50601C	ROUYN, QUEBEC HOTEL DE VILLE	562	1.1	0	6	25	36	2	5	5	6
50701C	SEPT-ILES, QUEBEC HOTEL DE VILLE	625	***	0	1	1	2	0	0	1	1
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	625	***	0	2	3	5	1	1	2	2
50901R	ARVIDA, QUEBEC POWELL & HOOPES	620	1.1	1	5	16	19	1	5	8	8
51001R	TRACY, QUEBEC 3225 AVE COURSHESNE	618	***	0	2	7	9	0	1	4	4
51201I	SHAWINIGAN, QUEBEC FRIGON & LAVAL	672	1.1	1	5	9	18	1	3	4	4
51301R	BAIE COMEAU, QUEBEC .39 AVE. MARGUETTE	621	1.3	1	5	18	65	1	7	9	9
60101C	OTTAWA, ONT. 88 SLATER ST.	544	***	1	2	3	5	1	2	2	2
60104C	RIDEAU & WURTEMBERG	681	***	0	1	1	4	1	1	1	1
60105R	NRC, MONTREAL ROAD	0	---	-	-	-	-	-	-	-	-
60201I	WINDSOR, ONT. MORTON TERMINAL DOCK	711	***	1	2	4	19	1	2	2	2
60204C	471 UNIVERSITY AVENUE	718	***	1	3	7	25	1	2	3	3
60211R	COLLEGE & PRINCE	695	1.2	2	4	5	14	2	3	4	4
60302R	KINGSTON, ONT. NAPIER STREET	738	***	0	0	0	0	0	0	0	0
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	710	***	1	2	3	6	1	2	2	2
60403I	EVANS & ARNOLD	729	***	0	1	2	5	0	1	1	1
60409R	REDLANDS CRESCENT	453	***	0	0	1	1	0	0	0	0
60410R	LAWRENCE & KENNEDY	719	***	0	1	1	2	0	1	1	1
60412R	BATHURST & WILSON	709	***	1	3	5	10	1	2	4	5
60413R	ELMCREST ROAD	392	***	1	2	4	6	1	1	2	2

*** CALCULATED MEANS ARE BELOW 10 PARTS PER BILLION.
LES MOYENNES SONT INFERIEURES A 10 PARTIES PAR BILLION.

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

SULPHUR DIOXIDE
PARTS PER HUNDRED MILLIONJULY - JUILLET
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		1-HOUR / HEURE		MEANS ---- MOYENNES		24-HOUR / HEURES	
				70	95	99	MAX	70	95	99	MAX
60414I	SHERBOURNE & WILTON ST.	728	***	0	0	1	9	0	0	0	1
60415R	QUEENSWAY W & HURONTARIO	731	***	1	3	6	9	1	3	4	4
60417C	26 BREADALBANE	720	***	1	2	2	3	1	1	1	1
60501C	HAMILTON, ONT. BARTON & SANFORD	719	***	1	4	7	10	1	4	6	6
60505R	NORTH PARK	580	***	0	1	3	4	0	1	2	2
60602R	SUDBURY, ONT. ASH STREET	657	***	0	2	3	6	1	1	2	2
60606C	KENNEDY STREET	630	***	1	2	4	6	1	1	1	2
60704C	SAULT STE. MARIE, ONT. QUEEN & ELGIN	0	---	-	-	-	-	-	-	-	-
60806R	THUNDER BAY, ONT. 435 JAMES S.	740	***	0	1	5	14	0	1	2	2
60901C	LONDON, ONT. KING & RECTORY	677	1.1	1	2	3	4	1	2	3	3
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	722	***	1	2	6	18	1	3	3	4
61103C	PETERBOROUGH, ONT. 500 GEORGE STREET	131	---	0	0	1	1	0	0	0	0
61201R	CORNWALL, ONT. MEMORIAL PARK	722	***	1	4	7	11	1	3	4	4
61301C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	710	***	1	3	4	8	1	3	4	4
61501C	KITCHENER, ONT. EDNA & FREDERICK	740	***	0	1	2	3	0	0	1	1
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	709	***	0	0	2	5	0	0	1	2
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	710	***	0	0	1	2	0	0	0	0
61801C	GUELPH, ONT. FARQUHAR & WYNDHAM	0	---	-	-	-	-	-	-	-	-
70118R	WINNIPEG, MAN. JEFFERSON & SCOTIA	311	---	0	0	2	2	0	0	0	0
70119C	65 ELLEN STREET	699	***	0	0	0	4	0	0	0	0
70120R	604 ST. MARY'S RD.	687	***	0	1	5	5	0	1	3	3
80109C	REGINA, SASK. 1620 ALBERT STREET	271	---	0	0	0	0	0	0	0	0
80209C	SASKATOON, SASK. IDYLWYLD DR. & 33RD ST.	34	---	0	0	0	0	0	0	0	0
80301C	MOOSE JAW, SASK. FAIRFORD ST. & 1ST AVE.	628	***	0	0	0	1	0	0	0	0
80401C	PRINCE ALBERT, SASK. 1257-1ST AVE. EAST	407	***	0	0	0	0	0	0	0	0
90121I	EDMONTON, ALTA. 17 STREET & 105 AVENUE	656	***	0	1	2	3	0	1	2	2
90218I	CALGARY, ALTA. BONNY BRK & 18A ST. S.E.	713	***	0	0	1	1	0	0	0	0
90222R	39 ST. & 29 AVE. N.W.	714	***	0	0	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	365	---	0	1	1	1	0	1	1	1
00110R	E. HASTINGS & KENSINGTON	739	***	0	1	2	4	0	1	1	1
00111I	ROCKY PT. PARK	682	***	1	2	3	6	1	1	1	1
00112C	ROBSON/HORNBY	735	***	0	1	1	2	0	1	1	1
00302C	VICTORIA, B.C. 1106 COOK ST.	654	***	1	2	2	3	1	1	1	1
00401C	KAMLOOPS, B.C. 301 SEYMOUR ST.	581	***	0	1	2	2	0	0	1	1

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

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

CARBON MONOXIDE
PARTS PER MILLIONJULY - JUILLET
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				MEANS - MOYENNES			
				INTERVALS - INTERVALLES				8-HOUR / HEURES				24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX	70	95	99	MAX
10101C	ST. JOHN'S, NFLD. DUCKWORTH & ORDINANCE	697	0.7	1	2	3	6	1	2	3	3	1	2	2	2
30116C	HALIFAX, N.S. BARRINGTON & DUKE	736	2.7	3	7	10	12	3	6	8	10	3	5	6	6
40202C	SAINT JOHN, N.B. POST OFFICE	744	***	0	0	2	2	0	0	1	1	0	0	1	1
50103R	MONTREAL, QUEBEC POINTE-AUX-TREMBLES	634	0.8	1	2	2	3	1	2	2	2	1	1	2	2
50104C	1125 ONTARIO EST	742	2.4	3	4	5	8	3	4	5	6	3	4	5	5
50109C	DUNCAN & DECARIE	743	2.1	3	5	7	11	3	4	6	6	3	4	4	4
50110C	PARC PILON, MTL.-NORD	744	1.0	1	2	4	12	1	2	3	4	1	2	2	2
50112C	BOUL. LAURENTIDES	233	---	1	2	2	3	1	1	2	2	1	1	1	1
50113R	PIE X & CARDINAL	722	0.5	1	1	2	4	1	1	2	2	1	1	1	1
50114C	677 STE-CATHERINE O.	732	2.6	3	5	6	7	3	5	5	6	3	4	4	4
50115C	METCALFE & MAISONNEUVE	0	---	-	-	-	-	-	-	-	-	-	-	-	-
50116R	3161 JOSEPH, VERDUN	741	0.6	1	2	2	3	1	2	2	2	1	2	2	2
50203R	HULL, QUEBEC GAMLIN & JOFFRE	726	***	1	1	2	4	1	1	1	2	1	1	1	1
50304C	QUEBEC, QUEBEC 325 DORCHESTER SUD	730	1.0	1	2	3	5	1	2	3	3	1	2	2	2
60101C	OTTAWA, ONT. 88 SLATER ST.	727	1.9	2	5	6	9	2	4	5	5	2	3	3	3
60104C	RIDEAU & WURTEMBURG	710	0.9	1	1	2	3	1	1	2	2	1	1	1	1
60204C	WINDSOR, ONT. 471 UNIVERSITY AVENUE	710	0.8	1	2	3	5	1	2	2	3	1	1	2	2
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	664	2.1	3	4	5	6	3	4	5	5	3	3	3	3
60403I	EVANS & ARNOLD	727	2.2	2	3	4	5	2	3	4	5	2	3	3	4
60410R	LAWRENCE & KENNEDY	635	1.3	2	3	4	6	2	2	3	4	2	2	3	3
60412R	BATHURST & WILSON	726	1.2	1	3	4	7	2	2	3	3	2	2	2	2
60413R	ELMCREST ROAD	726	0.8	1	2	2	4	1	2	2	2	1	1	2	2
60414I	SHERBOURNE & WILTON ST.	672	1.5	2	3	3	6	2	2	3	3	2	2	2	2
60415R	QUEENSWAY W & HURONTARIO	735	1.9	2	4	8	12	2	4	5	6	2	3	3	4
60416C	381 YONGE STREET	731	5.4	5	15	28	34	5	15	21	26	5	10	12	13
60417C	26 BREADALBANE	658	1.1	1	3	4	5	1	3	4	4	1	2	3	4
60501C	HAMILTON, ONT. BARTON & SANFORD	709	1.0	1	3	5	5	1	3	4	5	1	2	3	3
60602R	SUDBURY, ONT. ASH STREET	630	***	0	0	0	4	0	0	1	1	0	0	0	0
60901C	LONDON, ONT. KING & RECTORY	705	***	0	1	3	4	0	1	2	2	0	1	1	1
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	699	***	0	1	3	6	0	1	3	4	0	1	1	1
61201R	CORNWALL, ONT. MEMORIAL PARK	722	1.1	1	2	3	3	1	2	2	3	1	2	2	2
61301C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	698	0.7	1	2	4	4	1	2	3	4	1	2	3	3
61501C	KITCHENER, ONT. EDNA & FREDERICK	740	0.8	1	2	2	4	1	2	2	2	1	1	2	2
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	735	2.4	3	4	5	6	3	4	5	6	3	4	5	5
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	700	1.9	3	3	4	6	3	3	4	4	3	3	3	4
70118R	WINNIPEG, MAN. JEFFERSON & SCOTIA	0	---	-	-	-	-	-	-	-	-	-	-	-	-
70119C	65 ELLEN STREET	694	0.7	1	2	3	3	1	2	2	3	1	1	2	2
70120R	604 ST. MARY'S RD.	701	***	1	2	2	3	0	1	2	2	1	1	1	1
80109C	REGINA, SASK. 1620 ALBERT STREET	370	---	1	2	3	4	1	1	2	2	1	1	1	2
80209C	SASKATOON, SASK. IDYLWILD DR. & 33RD ST.	570	0.5	1	2	3	4	1	1	2	3	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.

CARBON MONOXIDE
PARTS PER MILLIONJULY - JUILLET
1981MONOXYDE DE CARBONE
PARTIES PAR MILLION

STATION	LOCATION	NUMBER OF HOURLY SAMPLES NOMBRE DE DONNEES HORAIRES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS - CENTILES - DISTRIBUTIONS DES FREQUENCES													
	EMPLACEMENT			INTERVALS - INTERVALLES				MEANS ----- MOYENNES				24-HOUR / HEURES					
				1-HOUR 70	95	99	MAX	8-HOUR / HEURES 70	.95	99	MAX	70	95	99	MAX		
EDMONTON, ALTA.																	
90121I	17 STREET & 105 AVENUE	695	1.0	1	2	3	5	1	2	2	2	1	1	2	2		
90122R	127 ST. & 133 AVENUE	724	0.6	1	2	4	6	1	2	3	3	1	1	2	2		
90130C	10255 - 104TH STREET	716	1.6	2	4	5	9	2	3	4	6	2	2	3	3		
CALGARY, ALTA.																	
90222R	39 ST. & 29 AVE. N.W.	614	0.6	1	2	3	10	1	1	3	4	1	1	2	2		
90227C	1611-4TH STREET S.W.	721	1.8	2	4	6	7	2	3	5	6	2	3	4	4		
VANCOUVER, B.C.																	
00106R	2294 WEST 10TH AVENUE	0	---	-	-	-	-	-	-	-	-	-	-	-	-	-	-
00108I	250 WEST 70TH AVENUE	666	0.7	1	2	4	4	1	2	3	3	1	1	2	2		
00110R	E. HASTINGS & KENSINGTON	628	0.8	1	2	2	4	1	2	2	2	1	2	2	2		
00111I	ROCKY PT. PARK	732	0.8	1	2	4	6	1	2	3	4	1	1	2	2		
00112C	ROBSON/HORNBY	721	2.1	2	7	13	17	2	6	10	12	2	5	5	6		
VICTORIA, B.C.																	
00302C	1106 COOK ST.	708	***	0	0	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 MILLION

JULY - JUILLET
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		1-HOUR / HEURE		MEANS ---- MOYENNES		24-HOUR / HEURES	
				70	95	99	MAX	70	95	99	MAX
30115I	HALIFAX, N.S.	625	***	0	1	1	2	0	1	1	1
30116C	CFB SHEARWATER	526	3.3	4	6	7	9	4	5	5	6
40202C	BARRINGTON & DUKE										
	SAINT JOHN, N.B.	744	2.9	4	7	10	20	4	5	6	6
	POST OFFICE										
	MONTREAL, QUEBEC										
50102R	JARDIN BOTANIQUE	0	---	-	-	-	-	-	-	-	-
50104C	1125 ONTARIO EST	644	2.0	2	3	4	9	2	3	3	3
50109C	DUNCAN & DECARIE	0	---	-	-	-	-	-	-	-	-
50110C	PARC PILON, MTL.-NORD	0	---	-	-	-	-	-	-	-	-
50112C	BOUL. LAURENTIDES	0	---	-	-	-	-	-	-	-	-
50113R	PIE X & CARDINAL	589	1.7	2	4	5	7	2	3	3	3
50115C	METCALFE & MAISONNEUVE	0	---	-	-	-	-	-	-	-	-
50116R	3161 JOSEPH, VERDUN	740	2.5	3	4	5	6	3	3	3	3
50203R	HULL, QUEBEC										
	GAMBLIN & JOFFRE	725	***	1	2	3	4	1	2	2	2
50304C	QUEBEC, QUEBEC										
	325 DORCHESTER SUD	730	2.4	3	4	5	7	3	3	4	4
60101C	OTTAWA, ONT.	0	---	-	-	-	-	-	-	-	-
60104C	88 SLATER ST.	716	***	1	3	4	4	1	2	2	2
60105R	RIDEAU & WURTEMBERG	740	***	1	3	4	5	1	2	2	2
	NRC, MONTREAL ROAD										
60204C	WINDSOR, ONT.	717	2.9	3	6	7	9	3	4	5	5
	471 UNIVERSITY AVENUE										
60402R	TORONTO, ONT.										
	DON MILLS, SCIENCE CNTR	670	***	1	1	2	2	1	1	1	1
60403I	EVANS & ARNOLD	728	3.8	4	6	8	17	4	5	6	6
60410R	LAWRENCE & KENNEDY	727	2.4	3	5	6	8	3	4	4	5
60412R	BATHURST & WILSON	724	3.0	4	7	8	9	4	6	6	7
60413R	ELMCREST ROAD	725	2.1	3	5	6	8	3	3	5	5
60414I	SHERBOURNE & WILTON ST.	731	3.3	4	6	8	10	4	5	6	6
60415R	QUEENSWAY W & HURONTARIO	736	2.5	3	5	6	7	3	4	4	4
60417C	26 BREADALBANE	715	2.5	3	6	8	10	3	4	6	6
60501C	HAMILTON, ONT.										
	BARTON & SANFORD	718	3.0	4	6	7	8	4	4	5	5
60505R	NORTH PARK	687	2.7	4	7	9	11	4	6	7	7
60602R	SUDBURY, ONT.										
	ASH STREET	719	***	1	2	3	4	1	1	1	1
60901C	LONDON, ONT.										
	KING & RECTORY	722	1.1	1	3	4	7	1	2	2	2
61004R	SARNIA, ONT.										
	FRONT ST. AT C.N. TRACKS	712	2.0	2	5	7	8	2	4	5	5
61201R	CORNWALL, ONT.										
	MEMORIAL PARK	727	***	1	2	3	6	1	2	2	2
61301C	ST. CATHARINES, ONT.										
	NORTH ST. & GENEVA ST.	0	---	-	-	-	-	-	-	-	-
61501C	KITCHENER, ONT.										
	EDNA & FREDERICK	737	2.4	3	5	6	7	3	4	5	5
61602R	OAKVILLE, ONT.										
	BRONTE AND WOBURN CRES.	708	1.9	2	4	5	7	2	3	3	3
61701R	OSHAWA, ONT.										
	RITSON RD. & OLIVE AVE.	691	1.6	2	4	5	6	2	3	3	3
70118R	WINNIPEG, MAN.										
	JEFFERSON & SCOTIA	701	1.2	1	3	4	8	1	2	3	3
70119C	65 ELLEN STREET	696	2.1	3	4	5	7	3	4	4	4
80109C	REGINA, SASK.										
	1620 ALBERT STREET	0	---	-	-	-	-	-	-	-	-
90122R	EDMONTON, ALTA.										
	127 ST. & 133 AVENUE	712	2.4	3	4	5	9	3	3	4	4
90130C	10255 - 104TH STREET	716	3.9	5	7	8	10	4	5	6	6
90222R	CALGARY, ALTA.										
	39 ST. & 29 AVE. N.W.	693	1.1	1	3	4	5	1	2	3	3
90227C	1611-4TH STREET S.W.	718	2.8	3	5	6	8	3	4	4	5

*** 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
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	694	2.0	2	4	5	6	2	3	3	3
00108I	250 WEST 70TH AVENUE	627	2.0	2	4	5	7	2	3	4	4
00110R	E. HASTINGS & KENSINGTON	649	2.1	2	4	6	7	2	4	5	5
00111I	ROCKY PT. PARK	711	1.6	2	4	5	7	2	3	4	4
00112C	ROBSON/HORNEY	705	2.4	3	5	7	8	3	4	5	6
VICTORIA, B.C.											
00302C	1106 COOK ST.	638	1.7	2	4	5	8	2	3	4	4

OZONE
PARTS PER HUNDRED MILLIONJULY - JUILLET
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				MEANS ---- MOYENNES			
				INTERVALS - INTERVALLES				24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX
30115I	HALIFAX, N.S. CFB SHEARWATER	242	---	2	2	3	3	2	2	2	2
30116C	BARRINGTON & DUKE	742	0.8	1	2	3	4	1	1	2	2
40202C	SAINT JOHN, N.B. POST OFFICE	744	2.1	2	4	6	7	2	4	5	5
50102R	MONTREAL, QUEBEC JARDIN BOTANIQUE	674	2.5	3	6	11	16	3	5	6	7
50103R	POINTE-AUX-TREMBLES	226	---	2	3	5	5	2	2	2	2
50104C	1125 ONTARIO EST	487	1.9	3	7	10	11	2	5	6	6
50109C	DUNCAN & DECARIE	686	1.0	1	3	6	7	1	3	3	3
50110C	PARC PILON, MTL.-NORD	0	---	-	-	-	-	-	-	-	-
50112C	BOUL. LAURENTIDES	220	---	3	5	6	6	2	4	5	5
50113R	PIE X & CARDINAL	672	3.0	4	8	9	12	4	6	8	8
50115C	METCALFE & MAISONNEUVE	0	---	-	-	-	-	-	-	-	-
50116R	3161 JOSEPH, VERDUN	625	2.3	3	6	9	11	2	5	7	7
50304C	QUEBEC, QUEBEC 325 DORCHESTER SUD	552	0.9	1	3	4	4	1	2	2	3
50306R	2026 BLVD. ST-CYRILLE	730	1.4	2	4	5	5	2	3	4	4
60101C	OTTAWA, ONT. 88 SLATER ST.	741	1.3	2	3	4	4	2	3	3	3
60104C	RIDEAU & WURTEMBERG	711	2.2	3	5	6	6	3	4	5	5
60105R	NRC, MONTREAL ROAD	739	1.9	3	5	5	6	2	4	5	5
60204C	WINDSOR, ONT. 471 UNIVERSITY AVENUE	707	3.6	5	8	10	11	4	6	7	7
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	734	2.8	4	8	9	10	3	5	6	7
60403I	EVANS & ARNOLD	726	2.0	3	6	8	11	3	4	5	5
60410R	LAWRENCE & KENNEDY	688	2.5	3	7	8	11	4	4	5	6
60413R	ELMCREST ROAD	695	3.1	4	7	9	10	3	6	7	7
60414I	SHERBOURNE & WILTON ST.	727	2.1	3	6	8	9	3	4	5	5
60415R	QUEENSWAY W & HURONTARIO	738	2.4	3	6	8	10	3	4	5	5
60417C	26 BREADALBANE	720	3.0	4	8	9	10	4	5	6	7
60501C	HAMILTON, ONT. BARTON & SANFORD	677	3.0	4	7	8	9	4	6	6	6
60602R	SUDBURY, ONT. ASH STREET	724	2.3	3	5	6	6	3	4	5	5
60806R	THUNDER BAY, ONT. 435 JAMES S.	740	1.8	3	4	5	6	2	3	4	4
60901C	LONDON, ONT. KING & RECTORY	721	3.0	4	8	9	11	4	6	7	8
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	721	3.5	5	8	11	17	5	6	6	7
61201R	CORNWALL, ONT. MEMORIAL PARK	722	2.6	3	6	7	8	3	5	6	6
61301C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	714	3.3	4	8	9	12	4	7	8	8
61501C	KITCHENER, ONT. EDNA & FREDERICK	740	3.0	4	8	9	10	4	7	8	8
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	737	2.8	4	7	9	10	3	5	6	6
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	712	3.0	4	7	9	15	4	5	6	6
70118R	WINNIPEG, MAN. JEFFERSON & SCOTIA	726	1.9	3	4	5	6	2	3	3	3
70119C	65 ELLEN STREET	696	2.2	3	5	6	7	2	4	4	4
80109C	REGINA, SASK. 1620 ALBERT STREET	554	3.2	4	6	7	9	4	4	4	5
90122R	EDMONTON, ALTA. 127 ST. & 133 AVENUE	706	2.7	4	6	8	11	3	4	5	5
90130C	10255 - 104TH STREET	706	1.8	2	5	6	7	2	3	4	4
90222R	CALGARY, ALTA. 39 ST. & 29 AVE. N.W.	715	2.4	3	5	6	7	3	4	4	4
90227C	1611-4TH STREET S.W.	659	1.5	2	4	6	9	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
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			
				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	1.0	1	3	4	6	1	2	2	2
00108I	250 WEST 70TH AVENUE	481	1.3	2	4	5	5	1	2	3	3
00110R	E. HASTINGS & KENSINGTON	669	1.2	2	4	6	10	2	3	3	3
00111I	ROCKY PT. PARK	320	---	3	7	9	9	3	4	4	4
00112C	ROBSON/HORNBY	0	---	-	-	-	-	-	-	-	-
VICTORIA, B.C.											
00302C	1106 COOK ST.	500	1.4	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
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
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	353	****	0.1	0.3	0.4	0.5	0.1	0.2	0.2	0.3
50103R	POINTE-AUX-TREMBLES	307	0.14	0.2	0.3	0.5	0.8	0.2	0.3	0.4	0.4
50104C	1125 ONTARIO EST	361	0.21	0.3	0.4	0.5	0.8	0.2	0.3	0.4	0.4
50105C	1212 DRUMMOND	335	0.16	0.2	0.3	0.5	0.9	0.2	0.2	0.3	0.3
50106R	VILLE ST-LAURENT	0	----	-	-	-	-	-	-	-	-
50109C	DUNCAN & DECARIE	369	0.54	0.7	1.4	1.9	2.0	0.7	0.9	1.1	1.1
50110C	PARC PILON, MTL.-NORD	370	0.22	0.3	0.5	0.7	1.1	0.2	0.4	0.4	0.5
50115C	METCALFE & MAISONNEUVE	0	----	-	-	-	-	-	-	-	-
50116R	3161 JOSEPH, VERDUN	366	0.18	0.2	0.4	0.6	0.9	0.2	0.4	0.4	0.4
50203R	HULL, QUEBEC GAMELIN & JOFFRE	369	0.10	0.2	0.4	0.5	0.7	0.1	0.2	0.2	0.2
50303I	QUEBEC, QUEBEC CENTRE LOISIRS LIMOILLOU	0	----	-	-	-	-	-	-	-	-
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	326	0.13	0.2	0.4	0.5	0.7	0.2	0.3	0.3	0.4
51201I	SHAWINIGAN, QUEBEC FRIGON & LAVAL	340	0.35	0.3	1.2	2.1	2.7	0.5	0.9	1.0	1.1
60101C	OTTAWA, ONT. 88 SLATER ST.	369	0.21	0.3	0.5	0.7	1.1	0.3	0.3	0.4	0.4
60103C	GILMOUR STREET	371	0.13	0.2	0.4	0.5	0.6	0.2	0.2	0.2	0.2
60104C	RIDEAU & WURTEMBERG	713 (1)	0.20	0.3	0.5	0.6	0.8	0.3	0.3	0.5	0.5
60204C	WINDSOR, ONT. 471 UNIVERSITY AVENUE	717 (1)	0.42	0.5	1.1	1.6	1.9	0.5	0.8	0.9	0.9
60211R	COLLEGE & PRINCE	727 (1)	0.44	0.5	1.1	1.8	2.0	0.5	0.8	1.0	1.1
60302R	KINGSTON, ONT. NAPIER STREET	0	----	-	-	-	-	-	-	-	-
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	0	----	-	-	-	-	-	-	-	-
60403I	EVANS & ARNOLD	731 (1)	0.32	0.4	0.7	0.9	1.4	0.4	0.6	0.6	0.6
60409R	REDLANDS CRESCENT	0	----	-	-	-	-	-	-	-	-
60410R	LAWRENCE & KENNEDY	732 (1)	0.29	0.3	0.7	0.9	1.3	0.3	0.5	0.6	0.6
60412R	BATHURST & WILSON	697 (1)	0.44	0.6	1.0	1.3	1.6	0.6	0.9	1.0	1.0
60413R	ELMCREST ROAD	730 (1)	0.29	0.4	0.7	1.0	1.3	0.3	0.5	0.6	0.7
60414I	SHERBOURNE & WILTON ST.	734 (1)	0.57	0.7	1.3	1.6	2.0	0.7	0.9	1.1	1.1
60415R	QUEENSWAY W & HURONTARIO	101	----	0.4	0.8	1.5	1.9	0.4	0.5	0.7	0.7
60417C	26 BREADALBANE	355	0.34	0.4	0.8	1.1	1.3	0.4	0.6	0.6	0.7
60501C	HAMILTON, ONT. BARTON & SANFORD	709 (1)	0.57	0.6	1.4	1.8	2.0	0.6	1.2	1.4	1.4
60505R	NORTH PARK	708 (1)	0.63	0.8	1.8	2.4	3.3	0.8	1.7	1.9	1.9
60602R	SUDBURY, ONT. ASH STREET	665 (1)	****	0.1	0.3	0.4	0.7	0.1	0.2	0.3	0.3
60806R	THUNDER BAY, ONT. 435 JAMES S.	209	0.18	0.2	0.6	0.8	1.1	0.2	0.3	0.3	0.3
60901C	LONDON, ONT. KING & RECTORY	663 (1)	0.21	0.3	0.5	0.8	1.0	0.3	0.4	0.4	0.4
60902C	372 DUNDAS	371	0.19	0.2	0.5	0.8	0.9	0.2	0.3	0.3	0.3
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	723 (1)	0.28	0.4	0.7	1.0	1.4	0.4	0.5	0.6	0.6
61103C	PETERBOROUGH, ONT. 500 GEORGE STREET	0	----	-	-	-	-	-	-	-	-
61201R	CORNWALL, ONT. MEMORIAL PARK	723 (1)	****	0.0	0.2	0.3	0.4	0.0	0.1	0.1	0.1
61301C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	719 (1)	0.29	0.3	0.6	1.1	1.2	0.4	0.4	0.5	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.

SOILING INDEX
COH UNITS PER 1000 LINEAR FT.

JULY - JUILLET
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		MEANS -		MOYENNES	
				2-HOUR /		HEURES		24-HOUR /		HEURES	
				70	95	99	MAX	70	95	99	MAX
61501C	KITCHENER, ONT. EDNA & FREDERICK	370	0.15	0.2	0.5	0.7	0.9	0.2	0.3	0.4	0.4
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	352	0.45	0.6	1.0	1.2	1.9	0.5	0.8	0.8	0.9
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	704	(1) 0.25	0.3	0.6	0.9	1.3	0.3	0.4	0.5	0.5
61801C	GUELPH, ONT. FARQUHAR & WYNDHAM	0	----	-	-	-	-	-	-	-	-
70118R	WINNIPEG, MAN. JEFFERSON & SCOTIA	368	****	0.0	0.1	0.1	0.1	0.0	0.0	0.1	0.1
70119C	65 ELLEN STREET	348	****	0.1	0.2	0.3	0.9	0.1	0.1	0.2	0.2
70120R	604 ST. MARY'S RD.	358	****	0.1	0.2	0.3	0.3	0.1	0.1	0.1	0.2
80109C	REGINA, SASK. 1620 ALBERT STREET	130	----	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.1
80209C	SASKATOON, SASK. IDYLWYLD DR. & 33RD ST.	255	****	0.1	0.3	0.5	0.6	0.1	0.3	0.3	0.3
90122R	EDMONTON, ALTA. 127 ST. & 133 AVENUE	718	(1) 0.24	0.3	0.6	0.9	1.1	0.3	0.4	0.5	0.5
90130C	10255 - 104TH STREET	0	----	-	-	-	-	-	-	-	-
90218I	CALGARY, ALTA. BONNY BRK & 18A ST. S.E.	739	(1) 0.23	0.3	0.6	0.7	1.1	0.3	0.3	0.4	0.4
90222R	39 ST. & 29 AVE. N.W.	671	(1) 0.11	0.1	0.3	0.4	0.5	0.1	0.2	0.2	0.2
90227C	1611-4TH STREET S.W.	372	0.32	0.4	0.9	1.5	2.0	0.4	0.5	0.7	0.9
00102R	VANCOUVER, B.C. 100 RICHMOND STREET	279	0.22	0.3	0.6	0.9	1.1	0.3	0.4	0.5	0.5
00106R	2294 WEST 10TH AVENUE	208	0.25	0.3	0.7	0.9	1.3	0.3	0.4	0.5	0.5
00108I	250 WEST 70TH AVENUE	0	----	-	-	-	-	-	-	-	-
00110R	E. HASTINGS & KENSINGTON	100	----	0.3	0.5	0.7	0.7	0.3	0.4	0.5	0.5
00111I	ROCKY PT. PARK	139	----	0.3	0.5	0.8	1.0	0.2	0.3	0.4	0.4
00112C	ROBSON/HORNBY	0	----	-	-	-	-	-	-	-	-
00202C	PRINCE GEORGE, B.C. 1011 4TH AVENUE	353	0.15	0.2	0.4	0.5	0.8	0.2	0.2	0.3	0.3
00302C	VICTORIA, B.C. 1106 COOK ST.	372	0.20	0.3	0.6	0.9	1.9	0.2	0.3	0.5	0.6
09001C	WHITEHORSE, YUKON FEDERAL BUILDING	310	0.13	0.2	0.5	0.8	2.6	0.1	0.3	0.5	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
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
		3	9	15	21	27		3	9	15	21	27	
10101C	ST. JOHN'S, Nfld. DUCKWORTH & ORDINANCE	65	-	32	69	75	60	0.2	-	0.1	0.3	0.3	0.2
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	32	19	16	16	17	20	0.1	0.1	0.2	0.1	0.1	0.1
30101C	HALIFAX, N.S. N.S. TECHNICAL COLLEGE	-	37	-	-	-	-	-	-	-	-	-	-
30102R	DALHOUSIE UNIVERSITY	27	31	18	-	-	25	0.1	0.1	0.1	-	-	0.1
30114R	MT ST VINCENT UNIVERSITY	-	32	22	15	-	23	-	0.1	0.1	0.1	-	0.1
30115I	CFB SHEARWATER	27	31	-	-	-	-	0.1	0.1	-	-	-	-
30310C	SYDNEY, N.S. COUNTY JAIL	53	43	33	32	-	40	0.4	0.2	0.3	0.3	-	0.3
30311R	WHITNEY PIER FIRE STN.	151	54	122	67	-	99	0.4	0.3	0.4	0.2	-	0.3
30408R	GLACE BAY, N.S. SOUTH STREET	-	-	-	-	-	-	-	-	-	-	-	-
40102C	FREDERICTON, N.B. YORK STREET	27	35	32	23	24	28	0.1	0.2	0.2	0.2	0.3	0.2
40201C	SAINT JOHN, N.B. 110 CHARLOTTE STREET	52	71	73	85	50	66	0.1	0.2	0.3	0.2	0.3	0.2
40301C	MONCTON, N.B. 774 MAIN STREET	-	-	-	-	-	-	-	-	-	-	-	-
50102R	MONTREAL, QUEBEC JARDIN BOTANIQUE	37	48	43	31	36	39	0.2	0.1	0.2	0.2	0.1	0.2
50103R	POINTE-AUX-TREMBLES	68	91	73	29	42	61	-	-	-	-	-	-
50104C	1125 ONTARIO EST	74	86	47	35	52	59	0.6	0.6	0.5	0.3	0.4	0.5
50105C	1212 DRUMMOND	-	-	-	-	-	-	-	-	-	-	-	-
50106R	VILLE ST-LAURENT	44	51	30	21	-	37	0.3	0.6	0.4	0.3	-	0.4
50107R	VILLE LASALLE	-	-	-	-	-	-	-	-	-	-	-	-
50108R	1700 BOURASSA, LONGUEUIL	-	-	-	-	-	-	-	-	-	-	-	-
50109C	DUNCAN & DECARIE	101	189	146	75	86	119	1.3	1.9	1.7	1.0	1.0	1.4
50110C	PARC PILON, MTL.-NORD	40	64	41	35	53	47	-	-	-	-	-	-
50112C	BOUL. LAURENTIDES	42	48	36	37	31	39	0.3	0.2	0.3	0.1	0.2	0.2
50113R	PIE X & CARDINAL	36	78	128	-	28	68	0.1	0.1	0.2	0.0	0.1	0.1
50115C	METCALFE & MAISONNEUVE	-	-	-	-	-	-	-	-	-	-	-	-
50116R	3161 JOSEPH, VERDUN	-	-	44	31	38	38	-	-	0.5	0.3	0.4	0.4
50203R	HULL, QUEBEC GAMBLIN & JOFFRE	45	62	32	25	28	38	0.2	0.2	0.1	0.1	0.2	0.2
50301C	QUEBEC, QUEBEC PARC-AUTOS PAQ.LALIBERTE	-	-	-	-	-	-	-	-	-	-	-	-
50302R	PARC BARDY	-	-	-	-	-	-	-	-	-	-	-	-
50303I	CENTRE LOISIRS LIMOULOU	-	-	-	-	-	-	-	-	-	-	-	-
50304C	325 DORCHESTER SUD	-	-	-	-	-	-	-	-	-	-	-	-
50306R	2026 BLVD. ST-CYRILLE	77	77	46	20	24	49	0.7	0.4	0.2	0.2	0.2	0.3
50402R	SHERBROOKE, QUEBEC CASERNE DE POMPIERS #5	-	57	32	32	51	43	-	0.2	0.2	0.2	0.2	0.2
50403C	WELLINGTON & ALBERT	-	77	45	33	34	47	-	0.3	0.2	0.2	0.2	0.2
50502R	CHICOUTIMI, QUEBEC USINE DE FILTRATION	-	-	-	-	-	-	-	-	-	-	-	-
50503C	222 RACINE	-	-	-	-	-	-	-	-	-	-	-	-
50601C	ROUYN, QUEBEC HOTEL DE VILLE	57	111	-	115	-	94	0.2	0.3	-	0.8	-	0.4
50701C	SEPT-ILES, QUEBEC HOTEL DE VILLE	80	31	-	7	-	39	0.2	0.2	-	-	-	-
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	84	82	73	40	39	64	0.4	0.4	0.7	0.2	0.3	0.4
50901R	ARVIDA, QUEBEC POWELL & HOOPES	-	-	-	-	-	-	-	-	-	-	-	-
51002R	TRACY, QUEBEC GARNEAU & RTE 132	59	47	52	18	63	48	0.3	0.1	0.2	0.0	0.2	0.2
51101C	THETFORD MINES, QUEBEC BOUL. STE-MARTHE	45	49	36	16	27	35	0.1	0.1	0.2	-	0.1	0.1
51201I	SHAWINIGAN, QUEBEC FRIGON & LAVAL	361	123	69	113	56	144	0.2	0.2	0.2	0.2	0.2	0.2
51301R	BAIE COMEAU, QUEBEC 39 AVE. MARGUETTE	59	29	63	73	77	60	0.1	0.1	0.2	0.1	0.2	0.1
60101C	OTTAWA, ONT. 88 SLATER ST.	68	77	37	-	39	55	0.5	0.4	0.3	-	0.3	0.4
60104C	RIDEAU & WURTEMBERG	37	53	-	17	20	32	0.3	0.2	-	0.0	0.0	0.1
60105R	NRC, MONTREAL ROAD	44	64	36	25	28	39	0.2	0.2	0.1	0.1	0.1	0.1

SUSPENDED PARTICULATE MATTER AND LEAD
MICROGRAMS PER CUBIC METRE

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PLOMB ET PARTICULES EN SUSPENSION
MICROGRAMMES PAR METRE CUBE

STATION	LOCATION EMPLACEMENT	----- PARTICULATES / PARTICULES -----						----- LEAD / PLOMB -----					
		----- DAY / JOUR -----					MEAN MOYENNE	----- DAY / JOUR -----					MEAN MOYENNE
		3	9	15	21	27		3	9	15	21	27	
WINDSOR, ONT.													
60201I	MORTON TERMINAL DOCK	51	112	55	47	50	63	0.0	0.2	0.0	0.1	0.2	0.1
60202C	CITY HALL	59	85	44	41	43	54	0.3	0.3	0.2	0.3	0.3	0.3
60203R	TECUMSEH WATER WORKS	46	88	85	82	41	68	0.0	0.2	0.3	0.2	0.0	0.1
60204C	471 UNIVERSITY AVENUE	61	70	32	47	52	52	0.3	0.5	0.0	0.3	0.4	0.3
KINGSTON, ONT.													
60301R	QUEEN'S UNIVERSITY	37	-	-	25	27	30	0.1	-	-	0.1	0.1	0.1
TORONTO, ONT.													
60402R	DON MILLS, SCIENCE CNTR	51	-	36	45	42	44	0.0	-	0.0	0.2	0.1	0.1
60403I	EVANS & ARNOLD	87	159	71	94	48	92	0.4	1.2	1.3	1.6	0.7	1.0
60409R	REDLANDS CRESCENT	38	-	30	-	-	-	0.0	-	0.0	-	-	-
60410R	LAWRENCE & KENNEDY	47	83	-	-	-	-	0.1	0.5	0.4	0.2	0.2	0.3
60412R	BATHURST & WILSON	-	-	-	-	-	-	-	-	-	-	-	-
60413R	ELMCREST ROAD	67	82	59	55	55	64	0.5	0.0	0.0	0.0	0.1	0.1
60414I	SHERBOURNE & WILTON ST.	-	153	-	-	-	-	-	0.5	0.3	0.2	0.5	0.4
60415R	QUEENSWAY W & HURONTARIO	77	154	55	85	54	85	0.3	0.5	0.3	0.6	0.2	0.4
60417C	26 BREADALBANE	75	101	-	-	-	-	0.5	0.4	0.4	0.3	0.4	0.4
HAMILTON, ONT.													
60501C	BARTON & SANFORD	210	73	98	-	69	113	1.3	0.4	0.4	-	0.6	0.7
60503I	CHATHAM & FRID	148	94	79	65	73	92	0.9	0.2	0.2	0.3	0.3	0.4
60505R	NORTH PARK	42	85	78	-	55	65	0.1	1.2	0.6	-	0.7	0.7
SUDBURY, ONT.													
60602R	ASH STREET	-	-	-	-	-	-	0.2	0.0	0.0	0.0	0.0	0.0
60605C	19 LISGAR STREET	-	-	-	-	-	-	0.2	0.1	-	-	-	-
SAULT STE. MARIE, ONT.													
60705R	550 QUEEN STREET WEST	-	-	-	-	-	-	0.1	0.0	0.3	0.2	0.0	0.1
THUNDER BAY, ONT.													
60801C	14 ALGOMA STREET	66	76	68	41	67	64	0.2	-	-	-	-	-
60806R	435 JAMES S.	61	89	57	37	-	61	0.2	0.0	0.0	0.0	-	0.1
LONDON, ONT.													
60901C	KING & RECTORY	46	73	42	29	25	43	0.2	0.2	0.1	0.0	0.1	0.1
60902C	372 DUNDAS	42	65	37	25	19	38	0.2	0.1	0.0	0.0	0.0	0.1
SARNIA, ONT.													
61004R	FRONT ST. AT C.N. TRACKS	71	77	75	66	41	66	0.3	0.2	0.1	0.1	0.0	0.1
PETERBOROUGH, ONT.													
61103C	500 GEORGE STREET	51	54	19	29	27	36	0.2	0.0	0.0	0.2	0.4	0.2
CORNWALL, ONT.													
61201R	MEMORIAL PARK	47	76	42	36	25	45	0.0	0.2	0.0	0.0	0.0	0.0
ST. CATHARINES, ONT.													
61301C	NORTH ST. & GENEVA ST.	49	68	56	60	40	55	0.3	0.2	0.3	0.3	0.2	0.3
KITCHENER, ONT.													
61501C	EDNA & FREDERICK	54	89	54	72	46	63	1.0	0.3	0.8	1.2	0.5	0.8
OAKVILLE, ONT.													
61602R	BRONTE AND WOBURN CRES.	47	80	60	50	32	54	0.0	0.1	0.1	0.4	0.0	0.1
OSHAWA, ONT.													
61701R	RITSON RD. & OLIVE AVE.	68	107	45	51	43	63	0.5	0.4	0.0	0.1	0.3	0.3
GUELPH, ONT.													
61801C	FARQUHAR & WYNDHAM	-	57	26	42	28	38	-	0.0	0.0	0.1	0.0	0.0
WINNIPEG, MAN.													
70102R	PORTAGE & WOODLAWN	70	95	41	66	58	66	0.7	0.3	0.2	0.3	0.3	0.4
70104I	UNION STOCK YARDS	114	104	42	50	64	75	0.3	0.2	0.1	0.1	0.2	0.2
70118R	JEFFERSON & SCOTIA	35	63	31	35	45	42	0.3	0.2	0.1	0.2	0.3	0.2
70119C	65 ELLEN STREET	87	74	58	89	99	81	0.4	0.4	0.5	0.4	0.5	0.4
70120R	604 ST. MARY'S RD.	59	65	40	47	46	51	0.4	0.2	0.3	0.3	0.2	0.3
BRANDON, MAN.													
70201C	11TH ST. & PRINCESS AVE.	54	96	43	51	47	58	0.2	0.4	0.2	0.2	0.2	0.2
REGINA, SASK.													
80102R	3211 ALBERT STREET	45	51	23	34	36	38	0.2	0.2	0.1	0.1	0.1	0.1
80108C	12TH AVE. & SMITH ST.	69	122	69	84	67	82	0.2	0.2	0.2	0.2	0.2	0.2
80109C	1620 ALBERT STREET	-	60	43	97	63	66	-	0.2	0.2	0.4	0.3	0.3
SASKATOON, SASK.													
80203R	30TH ST. & 833 P AVE.	-	-	-	65	58	-	-	-	-	0.2	0.1	-
80209C	IDYLWYLD DR. & 33RD ST.	71	82	52	-	9	54	0.2	0.4	0.2	-	0.1	0.3
MOOSE JAW, SASK.													
80301C	FAIRFORD ST. & 1ST AVE.	88	77	55	66	104	78	0.2	0.2	0.2	0.2	0.2	0.2
PRINCE ALBERT, SASK.													
80401C	1257-1ST AVE. EAST	128	77	49	-	-	85	0.4	0.2	0.1	-	-	0.2
EDMONTON, ALTA.													
90121I	17 STREET & 105 AVENUE	131	128	46	103	167	115	-	-	-	-	-	-
90122R	127 ST. & 133 AVENUE	81	75	31	64	67	64	-	-	-	-	-	-

SUSPENDED PARTICULATE MATTER AND LEAD
MICROGRAMS PER CUBIC METRE

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PLOMB ET PARTICULES EN SUSPENSION
MICROGRAMMES PAR METRE CUBE

STATION	LOCATION EMPLACEMENT	*----- PARTICULATES / PARTICULES -----*						*----- LEAD / PLOMB -----*					
		----- DAY / JOUR -----					MEAN	*----- DAY / JOUR -----*					MEAN
		3	9	15	21	27	MOYENNE	3	9	15	21	27	MOYENNE
90130C	10255 - 104TH STREET	145	151	81	99	107	117	-	-	-	-	-	-
	CALGARY, ALTA.												
90204C	316-7TH AVENUE	173	-	-	105	185	154	-	-	-	-	-	-
90218I	BONNY BRK & 18A ST. S.E.	120	-	-	73	236	143	-	-	-	-	-	-
90222R	39 ST. & 29 AVE. N.W.	57	-	-	33	94	61	-	-	-	-	-	-
	RED DEER, ALTA.												
90301C	4747 50TH STREET	78	43	29	61	56	53	-	-	-	-	-	-
	LETHBRIDGE, ALTA.												
90501C	13 ST. & 9 AVENUE S.	66	101	56	-	70	73	-	-	-	-	-	-
	YELLOWKNIFE, N.W.T.												
99001C	50TH AVE. & 49TH STREET	-	-	-	-	-	-	-	-	-	-	-	-
	VANCOUVER, B.C.												
00102R	100 RICHMOND STREET	104	89	89	45	64	78	1.0	1.0	1.3	0.8	0.9	1.0
00104R	27TH & ONTARIO	103	52	58	52	53	64	1.6	0.4	0.9	0.5	0.6	0.8
00106R	2294 WEST 10TH AVENUE	54	28	44	39	40	41	-	-	-	-	-	-
00108I	250 WEST 70TH AVENUE	109	61	68	64	50	70	1.2	0.4	0.7	0.4	0.8	0.7
00109C	970 BURRARD	115	68	81	76	61	80	1.5	0.8	1.1	1.0	0.9	1.1
00110R	E. HASTINGS & KENSINGTON	93	45	46	43	-	57	0.9	0.5	0.4	0.7	-	0.6
00111I	ROCKY PT. PARK	88	-	44	37	61	58	0.8	-	0.4	0.7	0.5	0.6
00113R	BCIT BURNABY	110	92	73	32	75	77	0.6	0.4	0.5	0.2	0.4	0.4
00114C	MUNICIPAL HALL, RICHMOND	-	-	41	36	32	36	-	-	0.6	0.5	0.3	0.5
00115R	NEWTON ELEM. SCH., SURREY	-	40	49	32	43	41	-	0.3	0.4	0.4	0.4	0.4
00116R	FIRE HALL, N. VANCOUVER	104	18	63	87	59	66	1.5	0.8	1.0	1.1	0.8	1.0
00117I	ANNACIS ISLAND, DELTA	93	71	57	40	66	65	1.4	0.7	0.9	0.7	1.1	1.0
	PRINCE GEORGE, B.C.												
00202C	1011 4TH AVENUE	63	96	84	61	56	72	0.2	0.3	0.3	0.2	0.2	0.2
	VICTORIA, B.C.												
00302C	1106 COOK ST.	76	59	55	48	65	61	0.8	0.5	0.6	0.5	0.4	0.6
	KAMLOOPS, B.C.												
00401C	301 SEYMOUR ST.	81	-	-	-	-	-	0.5	-	-	-	-	-
	WHITEHORSE, YUKON												
09001C	FEDERAL BUILDING	-	92	80	80	73	81	-	0.2	0.2	0.2	0.2	0.2

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

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

STATION	LOCATION EMPLACEMENT	*----- DAY / JOUR -----*				
		3	9	15	21	27
10101C	ST. JOHN'S, Nfld. DUCKWORTH & ORDINANCE	-	-	0	-	1
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	0	0	0	0	0
30114R	HALIFAX, N.S. MT ST VINCENT UNIVERSITY	-	0	0	-	-
30115I	CFB SHEARWATER	0	0	-	-	-
30310C	SYDNEY, N.S. COUNTY JAIL	-	0	0	0	-
30311R	WHITNEY PIER FIRE STN.	-	-	6	-	-
30408R	GLACE BAY, N.S. SOUTH STREET	-	-	-	-	-
50102R	MONTREAL, QUEBEC JARDIN BOTANIQUE	0	1	0	0	0
50103R	POINTE-AUX-TREMBLES	-	2	0	-	-
50104C	1125 ONTARIO EST	2	-	0	-	0
50105C	1212 DRUMMOND	-	-	-	-	-
50106R	VILLE ST-LAURENT	0	0	0	0	-
50109C	DUNCAN & DECARIE	0	0	2	0	1
50110C	PARC PILON, MTL.-NORD	0	0	0	0	0
50112C	BOUL. LAURENTIDES	-	0	0	-	-
50113R	PIE X & CARDINAL	0	0	0	-	0
50115C	METCALFE & MAISONNEUVE	-	-	-	-	-
50116R	3161 JOSEPH, VERDUN	-	-	0	0	0
50203R	HULL, QUEBEC GAMELIN & JOFFRE	0	0	-	0	0
50303I	QUEBEC, QUEBEC CENTRE LOISIRS LIMOILLOU	-	-	-	-	-
50304C	325 DORCHESTER SUD	-	-	-	-	-
50306R	2026 BLVD. ST-CYRILLE	1	1	0	0	0
50601C	ROUYN, QUEBEC HOTEL DE VILLE	-	0	-	4	-
50701C	SEPT-ILES, QUEBEC HOTEL DE VILLE	0	0	-	0	-
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	1	1	0	0	0
50901R	ARVIDA, QUEBEC POWELL & HOOPES	-	-	-	-	-
51201I	SHAWINIGAN, QUEBEC FRIGON & LAVAL	4	3	1	10	0
51301R	BAIE COMEAU, QUEBEC 39 AVE. MARGUETTE	1	1	4	0	2
60101C	OTTAWA, ONT. 88 SLATER ST.	1	3	-	-	2
60104C	RIDEAU & WURTEMBERG	0	1	-	-	0
60105R	NRC, MONTREAL ROAD	-	-	-	-	-
60201I	WINDSOR, ONT. MORTON TERMINAL DOCK	-	2	1	1	3
60204C	471 UNIVERSITY AVENUE	1	3	1	1	1
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	1	-	0	0	1
60403I	EVANS & ARNOLD	0	0	1	1	0
60409R	REDLANDS CRESCENT	0	-	0	-	-
60410R	LAWRENCE & KENNEDY	0	1	-	-	-
60412R	BATHURST & WILSON	-	-	-	-	-
60413R	ELMCREST ROAD	1	-	1	-	1
60414I	SHERBOURNE & WILTON ST.	-	0	-	-	-
60415R	QUEENSWAY W & HURONTARIO	0	0	0	0	2
60417C	26 BREADALBANE	1	2	-	-	-
60501C	HAMILTON, ONT. BARTON & SANFORD	19	0	1	-	0
60505R	NORTH PARK	0	-	0	-	-
60602R	SUDBURY, ONT. ASH STREET	-	-	-	-	-
60806R	THUNDER BAY, ONT. 435 JAMES S.	1	0	1	0	-
60901C	LONDON, ONT. KING & RECTORY	2	3	1	0	0

COMBINATION OF SULPHUR DIOXIDE AND
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DIOXYDE DE SOUFRE ET
PARTICULES EN ASSOCIATION
1000*(MICROGRAMMES/METRE CUBE)**2

STATION	LOCATION EMPLACEMENT	*----- DAY / JOUR -----*				
		3	9	15	21	27
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	3	1	0	1	0
61103C	PETERBOROUGH, ONT. 500 GEORGE STREET	-	-	-	-	-
61201R	CORNWALL, ONT. MEMORIAL PARK	1	4	2	1	0
61301C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	1	3	2	1	0
61501C	KITCHENER, ONT. EDNA & FREDERICK	0	0	0	0	0
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	0	-	0	-	-
70119C	65 ELLEN STREET	0	0	0	0	0
70120R	604 ST. MARY'S RD.	0	5	0	0	0
80109C	REGINA, SASK. 1620 ALBERT STREET	-	-	-	0	0
80209C	SASKATOON, SASK. IDYLWYLD DR. & 33RD ST.	-	-	-	-	-
80301C	MOOSE JAW, SASK. FAIRFORD ST. & 1ST AVE.	0	0	0	0	0
80401C	PRINCE ALBERT, SASK. 1257-1ST AVE. EAST	-	-	0	-	-
90121I	EDMONTON, ALTA. 17 STREET & 105 AVENUE	1	1	0	0	-
90218I	CALGARY, ALTA. BONNY BRK & 18A ST. S.E.	0	-	-	0	1
90222R	39 ST. & 29 AVE. N.W.	0	-	-	0	1
00106R	VANCOUVER, B.C. 2294 WEST 10TH AVENUE	1	-	-	-	0
00110R	E. HASTINGS & KENSINGTON	2	0	1	0	-
00111I	ROCKY PT. PARK	1	-	1	0	1
00302C	VICTORIA, B.C. 1106 COOK ST.	2	1	2	1	1
00401C	KAMLOOPS, B.C. 301 SEYMOUR ST.	0	-	-	-	-

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

JULY - JUILLET
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	5.0	0.1 **
30309I	PT EDWARD, RICHMOND PLST	5.0	0.1 **
30310C	COUNTY JAIL	10.8	0.3 **
30311R	WHITNEY PIER FIRE STN.	31.4	- **
	GLACE BAY, N.S.		
30401R	LAKE ROAD	29.5	0.2 **
30405C	GENERAL HOSPITAL	6.4	0.5 **
	MONTREAL, QUEBEC		
50101R	PARC JARRY	-	- *
50102R	JARDIN BOTANIQUE	2.0	- *
50103R	POINTE-AUX-TREMBLES	-	- *
50106R	VILLE ST-LAURENT	-	- *
50107R	VILLE LASALLE	-	- *
	TORONTO, ONT.		
60403I	EVANS & ARNOLD	7.1	-
60404R	5126 YONGE STREET	3.0	-
60405I	JOHN STREET PUMP STATION	11.6	-
60406R	ROSEHILL RESERVOIR	4.3	-
60408C	DANFORTH & ROBINSON	15.5	-
	HAMILTON, ONT.		
60501C	BARTON & SANFORD	8.3	-
60502I	BURLINGTON & GAGE	16.4	-
60503I	CHATHAM & FRID	-	-
60507C	HUGHSON & HUNTER	5.6	-
60510I	STRATHEARN	13.8	-
	SAULT STE. MARIE, ONT.		
60702R	ANNA MCREA PUBLIC SCHOOL	-	-
60703I	BAYVIEW & YOUNG	-	-
	THUNDER BAY, ONT.		
60801C	14 ALGOMA STREET	3.4	-
	LONDON, ONT.		
60901C	KING & RECTORY	2.6	-
	WINNIPEG, MAN.		
70105R	MARTIN & HENDERSON HWY	12.8	0.1 **
70110C	KENNEDY & ST. MARY'S	4.8	-
70113I	WINDERMERE & ROCKMAN	9.9	0.0 **
70115C	PORTAGE & MINTO	8.1	0.0 **
70116I	SMITH & KING	8.4	0.1 **
	EDMONTON, ALTA.		
90125C	PRINS ELIZABETH & 108 ST	4.4	0.1 **
90126R	77 AVENUE & 85 STREET	8.7	0.1 **
90127I	115 AVENUE & 159 STREET	27.5	- **
90128R	99 AVENUE & 160 STREET	6.9	0.1 **
	CALGARY, ALTA.		
90219C	620-7TH AVENUE, S.W.	10.1	0.2 **
90221R	DALHOUSIE DR & DALHAM DR	-	- **
90223C	11 ST. & 38 AVE. S.E.	7.5	0.1 **
90224I	OGDENDALE & 71 AVE S.E.	23.1	- **
90225R	PALLISER DR & OAKWOOD SW	4.6	0.2 **
90226I	SHEPPARD & 84 AVE S.E.	5.0	0.2 **

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

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