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Monthly Summary **July 1983**

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Surveillance nationale de la pollution atmosphérique

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Surveillance Report
EPS 5-EP-83-7

Rapport de surveillance
EPS 5-EP-83-7

Environmental Protection
Programs Directorate

Direction générale des programmes
de protection de l'environnement

SULPHUR DIOXIDE
PARTS PER HUNDRED MILLIONJULY - JUILLET
1983DIOXYDE DE SOUFRE
PARTIES PAR CENT MILLIONS

STATION	LOCATION EMPLACEMENT	NUMBER OF HOURLY SAMPLES NOMBRE DE DONNEES HORAIRES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS - CENTILES - DISTRIBUTIONS DES FREQUENCES				MEANS - MOYENNES			
				INTERVALS - INTERVALLES				24-HOUR / HEURES			
				1-HOUR / HEURE							
				70	95	99	MAX	70	95	99	MAX
10101C	ST. JOHN'S, NFLD. DUCKWORTH & ORDINANCE	0	---	-	-	-	-	-	-	-	-
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	613	***	1	3	4	5	1	2	2	2
30114R	HALIPAX, N.S. MT ST VINCENT UNIVERSITY	451	***	0	1	2	3	0	1	1	1
30115I	CFB SHEARWATER	607	***	1	2	4	9	1	1	1	2
30116C	BARRINGTON & DUKE	682	***	1	2	4	5	1	2	2	2
30310C	SYDNEY, N.S. COUNTY JAIL	625	***	0	1	3	8	0	1	1	2
30311R	WHITNEY PIER FIRE STN.	0	---	-	-	-	-	-	-	-	-
30408R	GLACE BAY, N.S. SOUTH STREET	614	1.2	0	7	17	32	1	6	10	11
40202C	SAINT JOHN, N.B. POST OFFICE	711	***	0	2	2	6	1	1	2	2
50101R	MONTREAL, QUEBEC 7405 CHAMPAGNEUR	279	---	0	1	3	5	0	1	1	1
50102R	JARDIN BOTANIQUE	673	***	1	1	3	7	1	1	2	2
50103R	POINTE-AUX-TREMBLES	739	1.8	0	12	18	25	1	10	16	17
50104C	1125 ONTARIO EST	728	***	0	1	3	6	0	1	1	2
50106R	VILLE ST-LAURENT	744	***	0	0	1	2	0	0	0	0
50108R	1700 BOURASSA, LONGUEUIL	504	***	1	1	4	5	1	1	2	2
50109C	DUNCAN & DECARIE	648	***	1	2	4	5	1	2	3	3
50110C	PARC PILON, MTL.-NORD	742	***	0	1	2	2	0	1	1	1
50112C	BOUL. LAURENTIDES	395	***	0	1	1	1	0	0	0	0
50113R	PIE X & CARDINAL	591	***	0	0	1	1	0	0	0	0
50115C	1001 BOUL MAISONNEUVE O.	744	***	0	1	1	3	0	1	1	1
50116R	3161 JOSEPH, VERDUN	740	***	0	1	1	2	0	1	1	1
50203R	HULL, QUEBEC GAMBLIN & JOFFRE	710	***	1	1	1	1	0	1	1	1
50303I	QUEBEC, QUEBEC CENTRE LOISIRS LIMOILLOU	655	1.4	0	9	17	34	2	5	8	8
50304C	325 DORCHESTER SUD	541	***	0	2	4	13	0	1	3	3
50306R	2026 BLVD. ST-CYRILLE	637	***	0	2	4	7	0	1	1	2
50601C	ROUYN, QUEBEC HOTEL DE VILLE	652	1.9	0	15	42	54	0	15	16	17
50701C	SEPT-ILES, QUEBEC HOTEL DE VILLE	319	---	0	0	0	0	0	0	0	0
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	482	***	0	2	3	7	0	1	2	2
50901R	ARVIDA, QUEBEC POWELL & HOOPES	644	***	0	3	6	10	0	2	3	3
51001R	TRACY, QUEBEC 3225 AVE COURSHESNE	516	***	1	1	2	3	1	1	1	1
51201I	SHAWINIGAN, QUEBEC FRIGON & LAVAL	681	***	0	2	5	7	0	2	3	3
51301R	BAIE COMEAU, QUEBEC 39 AVE. MARGUETTE	599	2.8	1	17	38	64	4	10	13	15
60101C	OTTAWA, ONT. 88 SLATER ST.	695	***	1	1	6	10	1	1	3	3
60104C	RIDEAU & WURTEMBERG	718	***	0	0	1	4	0	0	0	0
60105R	NRC, MONTREAL ROAD	681	***	0	1	1	1	0	1	1	1
60201I	WINDSOR, ONT. MORTON TERMINAL DOCK	669	***	1	2	3	4	1	1	1	1
60204C	471 UNIVERSITY AVENUE	704	***	0	2	4	6	1	1	1	2
60211R	COLLEGE & PRINCE	654	***	1	2	4	6	1	2	2	2
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	0	---	-	-	-	-	-	-	-	-
60403I	EVANS & ARNOLD	726	***	0	1	1	2	0	0	0	0
60409R	REDLANDS CRESCENT	0	---	-	-	-	-	-	-	-	-
60410R	LAWRENCE & KENNEDY	562	***	0	1	2	3	0	0	1	1
60412R	BATHURST & WILSON	729	***	0	1	3	11	0	1	1	2
60413R	ELMCREST ROAD	575	***	1	2	4	29	1	2	2	3
60414I	SHERBOURNE & WILTON ST.	612	***	0	1	1	2	0	1	1	1
60415R	QUEENSWAY W & HURONTARIO	740	***	0	1	1	3	0	1	1	1
60417C	26 BREADALBANE STREET	727	***	0	1	2	3	0	1	1	1

*** 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
1983DIOXYDE DE SOUFRE
PARTIES PAR CENT MILLIONS

STATION	LOCATION EMPLACEMENT	NUMBER OF HOURLY SAMPLES NOMBRE DE DONNEES HORAIRES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS - CENTILES -				DISTRIBUTIONS DES FREQUENCES			
				INTERVALS - INTERVALLES		1-HOUR / HEURE		MEANS ---- MOYENNES		24-HOUR / HEURES	
				70	95	99	MAX	70	95	99	MAX
60501C	HAMILTON, ONT. BARTON & SANFORD	720	***	1	2	4	5	1	1	2	2
60505R	NORTH PARK	695	1.7	2	4	5	7	2	3	5	5
60602R	SUDBURY, ONT. ASH STREET	733	***	1	2	4	10	1	1	1	2
60606C	KENNEDY STREET	709	***	0	1	5	19	0	1	2	2
60704C	SAULT STE. MARIE, ONT. QUEEN & ELGIN	0	---	-	-	-	-	-	-	-	-
60706I	FARWELL PUMP HOUSE	441	***	0	2	7	14	0	2	3	4
60806R	THUNDER BAY, ONT. 435 JAMES S.	738	***	0	1	1	3	0	0	1	1
60901C	LONDON, ONT. KING & RECTORY	723	***	0	1	2	3	0	1	1	1
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	731	***	1	5	11	17	1	4	6	7
61103C	PETERBOROUGH, ONT. 500 GEORGE STREET	131	---	0	2	3	3	0	1	1	1
61201R	CORNWALL, ONT. MEMORIAL PARK	727	1.1	1	4	7	19	2	3	4	4
61301C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	627	***	0	1	4	6	0	1	2	2
61501C	KITCHENER, ONT. EDNA & FREDERICK	455	***	0	0	1	5	0	0	0	0
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	583	1.1	1	6	11	17	1	4	5	5
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	703	***	0	0	2	4	0	0	1	1
61801C	GUELPH, ONT. FARQUHAR & WYNDHAM	468	***	0	0	0	0	0	0	0	0
70118R	WINNIPEG, MAN. JEFFERSON & SCOTIA	684	***	0	0	0	0	0	0	0	0
70119C	65 ELLEN STREET	660	***	0	0	0	1	0	0	0	0
70120R	604 ST. MARY'S RD.	700	***	0	0	0	2	0	0	0	0
80109C	REGINA, SASK. 1620 ALBERT STREET	712	***	0	0	0	4	0	0	0	0
80209C	SASKATOON, SASK. IDYLWYLD DR. & 33RD ST.	603	***	0	0	0	0	0	0	0	0
80301C	MOOSE JAW, SASK. FAIRFORD ST. & 1ST AVE.	0	---	-	-	-	-	-	-	-	-
80401C	PRINCE ALBERT, SASK. 1257-1ST AVE. EAST	427	***	0	0	0	0	0	0	0	0
90121I	EDMONTON, ALTA. 17 STREET & 105 AVENUE	703	***	0	0	0	0	0	0	0	0
90218I	CALGARY, ALTA. BONNY BRK & 18A ST. S.E.	719	***	0	1	1	2	0	1	1	1
00106R	VANCOUVER, B.C. 2294 WEST 10TH AVENUE	631	***	1	1	1	2	1	1	1	1
00110R	E. HASTINGS & KENSINGTON	132	---	1	3	4	5	1	2	2	2
00111I	ROCKY PT. PARK	394	***	1	1	2	2	1	1	1	1
00112C	ROBSON/HORNEY	108	---	1	2	2	2	1	1	1	1
00302C	VICTORIA, B.C. 1250 QUADRA ST.	566	***	0	1	1	2	0	0	0	0
00401C	KAMLOOPS, B.C. 301 SEYMOUR ST.	693	***	0	0	0	2	0	0	0	0

*** CALCULATED MEANS ARE BELOW 10 PARTS PER BILLION.
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--- INSUFFICIENT DATA FOR CALCULATION OF A VALID MEAN.
IL N'Y A PAS ASSEZ DE DONNEES POUR CALCULER UNE MOYENNE VALABLE.

CARBON MONOXIDE
PARTS PER MILLIONJULY - JUILLET
1983MONOXYDE DE CARBONE
PARTIES PAR MILLION

STATION	LOCATION EMPLACEMENT	NUMBER OF HOURLY SAMPLES NOMBRE DE DONNEES HORAIRES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS - CENTILES - DISTRIBUTIONS DES FREQUENCES											
				INTERVALS - INTERVALLES				MEANS				MOYENNES			
				1-HOUR / HEURE				8-HOUR / HEURES				24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX	70	95	99	MAX
10101C	ST. JOHN'S, Nfld. DUCKWORTH & ORDINANCE	669	***	1	1	2	4	1	1	2	2	1	1	1	1
30116C	HALIFAX, N.S. BARRINGTON & DUKE	707	1.4	2	4	5	6	2	3	4	5	2	3	3	3
40202C	SAINT JOHN, N.B. POST OFFICE	743	0.7	1	2	3	5	1	2	2	3	1	1	1	1
50102R	MONTREAL, QUEBEC JARDIN BOTANIQUE	744	***	1	1	1	2	1	1	1	2	1	1	1	1
50103R	POINTE-AUX-TREMBLES	716	0.6	1	1	2	3	1	1	2	2	1	1	2	2
50104C	1125 ONTARIO EST	742	2.8	3	5	6	9	3	5	6	7	3	4	5	5
50108R	1700 BOURASSA, LONGUEUIL	74	---	1	2	3	3	1	2	2	2	1	1	1	1
50109C	DUNCAN & DECARIE	689	2.3	3	5	8	10	3	5	6	7	3	5	5	6
50110C	PARC PILON, MTL.-NORD	0	---	-	-	-	-	-	-	-	-	-	-	-	-
50112C	BOUL. LAURENTIDES	0	---	-	-	-	-	-	-	-	-	-	-	-	-
50113R	PIE X & CARDINAL	644	***	1	1	1	2	1	1	1	1	1	1	1	1
50115C	1001 BOUL MAISONNEUVE O.	712	1.7	2	4	6	10	2	4	4	5	2	3	4	4
50116R	3161 JOSEPH, VERDUN	547	***	1	1	2	3	1	1	2	2	1	1	1	2
50203R	MULL, QUEBEC GAMBLIN & JOFFRE	740	0.5	1	1	1	3	1	1	1	1	1	1	1	1
50304C	QUEBEC, QUEBEC 325 DORCHESTER SUD	708	1.0	1	3	4	11	1	2	3	4	1	2	2	2
60101C	OTTAWA, ONT. 88 SLATER ST.	725	1.6	2	5	6	7	2	4	5	5	2	3	3	3
60104C	RIDEAU & WURTEMBERG	727	***	0	0	1	1	0	0	1	1	0	0	0	0
60204C	WINDSOR, ONT. 471 UNIVERSITY AVENUE	727	1.0	1	2	3	7	1	2	2	3	1	2	2	2
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	0	---	-	-	-	-	-	-	-	-	-	-	-	-
60403I	EVANS & ARNOLD	729	1.5	2	2	3	3	2	2	2	3	2	2	2	2
60410R	LAWRENCE & KENNEDY	728	1.1	1	2	2	4	1	2	2	2	1	2	2	2
60412R	BATHURST & WILSON	726	0.7	1	2	3	6	1	2	3	3	1	2	2	2
60413R	ELMCREST ROAD	689	1.6	2	2	3	3	2	2	3	3	2	2	2	2
60414I	SHERBOURNE & WILTON ST.	707	1.4	2	3	3	4	2	2	2	3	2	2	2	2
60415R	QUEENSWAY W & HURONTARIO	739	1.1	1	2	2	3	1	2	2	2	1	1	2	2
60416C	381 YONGE STREET	743	3.7	4	8	17	29	4	7	11	18	4	5	8	8
60417C	26 BREADALBANE STREET	725	0.8	1	2	5	6	1	2	5	6	1	1	4	4
60501C	HAMILTON, ONT. BARTON & SANFORD	620	***	1	2	2	3	1	2	2	2	1	1	2	2
60602R	SUDSBURY, ONT. ASH STREET	633	***	0	0	0	1	0	0	0	0	0	0	0	0
60706I	SAULT STE. MARIE, ONT. FARWELL PUMP HOUSE	442	***	1	1	3	4	1	1	2	2	1	1	1	1
60901C	LONDON, ONT. KING & RECTORY	714	***	0	1	1	2	0	0	1	1	0	0	0	0
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	733	***	0	1	2	5	0	1	1	2	0	1	1	1
61201R	CORNWALL, ONT. MEMORIAL PARK	725	0.7	2	3	3	5	1	3	3	3	1	2	3	3
61301C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	731	***	0	2	2	3	0	1	2	2	0	1	1	1
61501C	KITCHENER, ONT. EDNA & FREDERICK	463	***	1	1	2	5	1	1	2	2	1	1	1	1
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	727	1.6	1	5	9	11	2	5	7	8	2	4	5	6
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	733	2.2	3	3	4	5	3	3	4	4	3	3	3	4
70118R	WINNIPEG, MAN. JEFFERSON & SCOTIA	646	***	0	1	2	2	0	1	1	1	0	1	1	1
70119C	65 ELLEN STREET	639	***	0	1	2	2	0	1	1	1	0	1	1	1
70120R	604 ST. MARY'S RD.	688	***	0	1	2	3	0	1	1	1	0	1	1	1
80109C	REGINA, SASK. 1620 ALBERT STREET	665	0.6	1	2	3	6	1	2	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
1983MONOXYDE DE CARBONE
PARTIES PAR MILLION

STATION	LOCATION EMPLACEMENT	NUMBER OF HOURLY SAMPLES NOMBRE DE DONNEES HORAIRES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS -				CENTILES -				DISTRIBUTIONS DES FREQUENCES			
				INTERVALS - INTERVALLES				MEANS -----				MOYENNES			
				1-HOUR / HEURE				8-HOUR / HEURES				24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX	70	95	99	MAX
80209C	SASKATOON, SASK. IDYLWYLD DR. & 33RD ST.	735	***	0	1	3	5	0	1	2	3	0	1	1	2
90121I	EDMONTON, ALTA. 17 STREET & 105 AVENUE	658	***	1	1	2	3	1	1	1	1	1	1	1	1
90122R	127 ST. & 133 AVENUE	711	0.7	1	3	3	5	1	2	3	3	1	2	2	2
90130C	10255 - 104TH STREET	723	1.3	2	3	3	4	2	2	3	3	2	2	2	2
90222R	CALGARY, ALTA. 39 ST. & 29 AVE. N.W.	631	0.7	1	2	2	3	1	1	2	2	1	1	1	1
90227C	1611-4TH STREET S.W.	716	1.6	2	4	6	7	2	3	4	5	2	3	4	4
00106R	VANCOUVER, B.C. 2294 WEST 10TH AVENUE	716	***	1	2	3	4	1	1	2	2	1	1	1	2
00108I	250 WEST 70TH AVENUE	727	1.3	2	2	3	5	2	2	3	3	2	2	2	3
00110R	E. HASTINGS & KENSINGTON	715	0.6	1	1	2	2	1	1	1	1	1	1	1	1
00111I	ROCKY PT. PARK	716	***	1	1	2	7	1	1	2	2	1	1	2	2
00112C	ROBSON/HORNEY	690	1.4	2	3	6	9	2	3	5	5	2	3	4	4
00302C	VICTORIA, B.C. 1250 QUADRA ST.	690	***	1	2	3	6	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.

NITROGEN DIOXIDE
PARTS PER HUNDRED MILLION

JULY - JUILLET
1983

DIOXYDE D'AZOTE
PARTIES PAR CENT MILLIONS

STATION	LOCATION EMPLACEMENT	NUMBER OF HOURLY SAMPLES NOMBRE DE DONNEES HORAIRES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS - CENTILES - DISTRIBUTIONS DES FREQUENCES				MEANS ---- MOYENNES			
				INTERVALS - INTERVALLES				24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX
30115I	HALIFAX, N.S.										
30116C	CFB SHEARWATER	109	---	0	1	1	2	0	0	0	0
	BARRINGTON & DUKE	300	---	1	2	2	2	1	2	2	2
40202C	SAINT JOHN, N.B.										
	POST OFFICE	743	***	1	3	4	9	1	2	2	2
50102R	MONTREAL, QUEBEC										
	JARDIN BOTANIQUE	744	1.5	2	4	5	8	2	3	4	4
50104C	1125 ONTARIO EST	744	2.6	3	4	5	7	3	4	4	4
50108R	1700 BOVRASSA, LONGUEUIL	0	---	-	-	-	-	-	-	-	-
50109C	DUNCAN & DECARIE	673	4.6	5	8	13	21	5	8	10	10
50110C	PARC PILON, MTL.-NORD	61	---	3	5	5	5	3	4	4	4
50112C	BOUL. LAURENTIDES	327	---	2	3	4	4	2	2	3	3
50113R	PIE X & CARDINAL	598	1.6	2	3	4	5	2	3	3	3
50115C	1001 BOUL MAISONNEUVE O.	671	2.9	3	5	6	8	3	4	6	6
50116R	3161 JOSEPH, VERDUN	716	1.8	2	4	5	6	2	3	4	4
50203R	HULL, QUEBEC										
	GAMBLIN & JOFFRE	548	1.1	1	2	4	5	1	2	2	2
50304C	QUEBEC, QUEBEC										
	325 DORCHESTER SUD	611	3.0	3	7	9	11	3	6	7	7
60101C	OTTAWA, ONT.										
	88 SLATER ST.	732	2.8	3	6	8	8	3	5	6	7
60104C	RIDEAU & WURTEMBERG	727	***	1	3	4	7	1	2	3	3
60105R	NRC, MONTREAL ROAD	711	***	1	2	3	4	1	2	2	2
60204C	WINDSOR, ONT.										
	471 UNIVERSITY AVENUE	730	1.8	2	4	5	7	2	3	4	4
60402R	TORONTO, ONT.										
	DON MILLS, SCIENCE CNTR	0	---	-	-	-	-	-	-	-	-
60403I	EVANS & ARNOLD	729	3.0	4	6	7	9	3	5	5	5
60410R	LAWRENCE & KENNEDY	729	1.9	2	4	5	6	2	3	4	4
60412R	BATHURST & WILSON	683	2.8	4	7	9	10	4	6	7	8
60413R	ELMCREST ROAD	532	1.8	2	4	5	7	2	3	3	3
60414I	SHERBOURNE & WILTON ST.	726	3.3	4	6	8	9	4	5	6	6
60415R	QUEENSWAY W & HURONTARIO	657	2.3	3	5	6	6	3	3	4	4
60417C	26 BREADALBANE STREET	659	1.9	3	5	6	9	3	4	4	4
60501C	HAMILTON, ONT.										
	BARTON & SANFORD	724	2.3	3	4	5	7	3	4	4	4
60505R	NORTH PARK	697	3.5	5	7	9	10	4	6	7	7
60602R	SUDBURY, ONT.										
	ASH STREET	734	***	0	1	2	4	0	1	1	1
60706I	SAULT STE. MARIE, ONT.										
	PARKWELL PUMP HOUSE	0	---	-	-	-	-	-	-	-	-
60901C	LONDON, ONT.										
	KING & RECTORY	473	1.6	2	4	5	5	2	3	3	3
61004R	SARNIA, ONT.										
	FRONT ST. AT C.N. TRACKS	728	2.4	3	5	6	7	3	4	4	4
61201R	CORNWALL, ONT.										
	MEMORIAL PARK	727	1.1	1	2	3	4	1	2	2	3
61301C	ST. CATHARINES, ONT.										
	NORTH ST. & GENEVA ST.	731	2.3	4	6	6	8	3	4	5	5
61501C	KITCHENER, ONT.										
	EDNA & FREDERICK	464	***	0	1	1	1	0	0	1	1
61602R	OAKVILLE, ONT.										
	BRONTE AND WOBURN CRES.	725	1.6	2	4	5	6	2	2	3	3
61701R	OSHANA, ONT.										
	RITSON RD. & OLIVE AVE.	735	1.9	2	5	7	9	2	4	4	5
70118R	WINNIPEG, MAN.										
	JEFFERSON & SCOTIA	0	---	-	-	-	-	-	-	-	-
70119C	65 ELLEN STREET	621	1.1	2	3	3	4	2	2	2	2
80109C	REGINA, SASK.										
	1620 ALBERT STREET	321	---	1	2	2	3	1	1	2	2
90122R	EDMONTON, ALTA.										
	127 ST. & 133 AVENUE	714	1.3	2	4	5	6	2	3	3	3
90130C	10255 - 104TH STREET	724	1.9	2	4	4	6	2	3	3	3

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

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

NITROGEN DIOXIDE
PARTS PER HUNDRED MILLION

JULY - JUILLET
1983

DIOXYDE D'AZOTE
PARTIES PAR CENT MILLIONS

STATION	LOCATION EMPLACEMENT	NUMBER OF HOURLY SAMPLES NOMBRE DE DONNEES HORAIRES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS - CENTILES -				DISTRIBUTIONS DES FREQUENCES			
				INTERVALS - INTERVALLES				MEANS ---- MOYENNES			
				1-HOUR / HEURE				24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX
	CALGARY, ALTA.										
90222R	39 ST. & 29 AVE. N.W.	631	1.2	1	3	3	5	1	2	2	2
90227C	1611-4TH STREET S.W.	713	2.5	3	4	6	7	3	3	4	4
	VANCOUVER, B.C.										
00106R	2294 WEST 10TH AVENUE	622	1.0	1	3	5	5	1	3	3	3
00108I	250 WEST 70TH AVENUE	0	---	-	-	-	-	-	-	-	-
00110R	E. HASTINGS & KENSINGTON	427	1.9	2	4	6	6	2	3	4	4
00111I	ROCKY PT. PARK	717	1.6	2	3	4	6	2	3	3	3
00112C	ROBSON/HORNBY	649	2.5	3	4	5	7	3	3	4	4
	VICTORIA, B.C.										
00302C	1250 QUADRA 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
1983OZONE
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	408	1.8	2	3	4	4	2	3	3	3
	BARRINGTON & DUKE	740	1.5	2	4	5	5	2	3	4	4
40202C	SAINT JOHN, N.B.										
	POST OFFICE	0	---	-	-	-	-	-	-	-	-
50102R	MONTREAL, QUEBEC										
50103R	JARDIN BOTANIQUE	634	1.9	3	5	7	8	2	4	5	5
50104C	POINTE-AUX-TREMBLES	286	---	2	5	8	8	2	4	5	5
50108R	1125 ONTARIO EST	566	2.7	4	7	8	9	3	5	6	6
50109C	1700 BOURASSA, LONGUEUIL	483	1.9	3	5	7	7	2	4	4	4
50110C	DUNCAN & DECARIE	0	---	-	-	-	-	-	-	-	-
50112C	PARC PILON, MTL.-NORD	601	1.9	3	5	9	9	2	4	5	5
50113R	BOUL. LAURENTIDES	577	2.9	4	7	9	11	3	6	6	6
50115C	PIE X & CARDINAL	690	2.9	4	6	9	10	3	6	6	6
50116R	1001 BOUL MAISONNEUVE O.	248	---	1	3	3	5	1	2	2	2
	3161 JOSEPH, VERDUN	744	2.8	4	7	8	9	3	6	6	6
50304C	QUEBEC, QUEBEC										
50306R	325 DORCHESTER SUD	351	---	0	1	1	2	1	1	1	1
	2026 BLVD. ST-CYRILLE	414	2.7	3	7	8	9	3	6	7	7
60101C	OTTAWA, ONT.										
60104C	88 SLATER ST.	738	0.8	1	3	4	5	1	2	3	3
60105R	RIDEAU & WURTEMBERG	729	2.1	3	5	6	8	3	4	4	5
	NRC, MONTREAL ROAD	702	1.9	2	4	7	8	2	4	4	5
60204C	WINDSOR, ONT.										
	471 UNIVERSITY AVENUE	721	3.3	4	8	9	12	4	5	6	6
60402R	TORONTO, ONT.										
60403I	DON MILLS, SCIENCE CNTR	728	3.1	4	7	9	10	4	5	6	6
60410R	EVANS & ARNOLD	729	2.1	3	6	6	7	3	4	4	4
60413R	LAWRENCE & KENNEDY	727	2.8	4	6	8	10	4	5	5	5
60414I	ELMCREST ROAD	568	3.9	6	9	11	15	5	7	8	9
60415R	SHERBOURNE & WILTON ST.	730	2.0	3	5	6	7	2	4	4	5
60417C	QUEENSWAY W & HURONTARIO	739	2.7	4	6	7	8	3	5	5	5
	26 BREADALBANE STREET	723	2.9	4	7	8	9	4	5	5	6
50501C	HAMILTON, ONT.										
	BARTON & SANFORD	724	3.6	5	7	8	10	4	6	7	7
60602R	SUDBURY, ONT.										
	ASH STREET	732	1.7	2	4	5	6	2	4	4	4
60706I	SAULT STE. MARIE, ONT.										
	FARWELL PUMP HOUSE	424	3.1	4	6	7	8	4	5	6	6
60906R	THUNDER BAY, ONT.										
	435 JAMES S.	742	1.6	2	4	5	6	2	3	4	4
60901C	LONDON, ONT.										
	KING & RECTORY	723	3.4	4	7	8	12	4	6	7	7
61004R	SARNIA, ONT.										
	FRONT ST. AT C.N. TRACKS	728	3.4	4	8	10	14	4	6	7	7
61201R	CORNWALL, ONT.										
	MEMORIAL PARK	724	2.9	4	6	9	11	4	6	7	7
61301C	ST. CATHARINES, ONT.										
	NORTH ST. & GENEVA ST.	729	4.3	6	8	10	10	5	7	8	8
61501C	KITCHENER, ONT.										
	EDNA & FREDERICK	741	3.4	5	7	8	9	5	6	6	6
61602R	OKVILLE, ONT.										
	BRONTE AND WOBURN CRES.	412	2.8	4	6	6	8	4	4	5	5
61701R	OSHAWA, ONT.										
	RITSON RD. & OLIVE AVE.	734	3.4	4	7	9	11	4	5	6	6
70118R	WINNIPEG, MAN.										
70119C	JEFFERSON & SCOTIA	686	2.8	3	5	6	7	3	4	4	5
	65 ELLEN STREET	576	2.1	3	5	6	9	3	3	4	4
80109C	REGINA, SASK.										
	1620 ALBERT STREET	0	---	-	-	-	-	-	-	-	-
90122R	EDMONTON, ALTA.										
90130C	127 ST. & 133 AVENUE	715	2.7	4	5	7	8	3	4	4	4
	10255 - 104TH STREET	713	1.7	2	4	4	5	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 1983		OZONE PARTIES PAR CENT MILLIONS							
STATION	LOCATION EMPLACEMENT	NUMBER OF HOURLY SAMPLES NOMBRE DE DONNEES HORAIRES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS - CENTILES - DISTRIBUTIONS DES FREQUENCES				MEANS ---- MOYENNES			
				INTERVALS - INTERVALLES				24-HOUR / HEURES			
				1-HOUR / HEURE							
				70	95	99	MAX	70	95	99	MAX
CALGARY, ALTA.											
90222R	39 ST. & 29 AVE. N.W.	619	2.9	4	5	7	8	3	4	4	4
90227C	1611-4TH STREET S.W.	703	1.9	3	4	6	7	2	3	3	4
VANCOUVER, B.C.											
00106R	2294 WEST 10TH AVENUE	710	1.2	2	4	5	10	2	2	3	3
00108I	250 WEST 70TH AVENUE	709	1.4	2	4	5	6	2	2	3	3
00110R	E. HASTINGS & KENSINGTON	558	1.7	2	4	4	5	2	2	2	3
00111I	ROCKY PT. PARK	724	2.0	3	6	9	13	2	4	4	5
00112C	ROBSON/HORNEY	716	***	1	2	2	3	1	1	1	1
VICTORIA, B.C.											
00302C	1250 QUADRA ST.	263	---	2	3	4	4	2	2	2	2

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

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

SOILING INDEX
COH UNITS PER 1000 LINEAR FT.

JULY - JUILLET
1983

INDICE DE SOILLURE
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
50101R	MONTREAL, QUEBEC										
	7405 CHAMPAGNEUR	320	0.17	0.2	0.4	0.5	0.6	0.2	0.3	0.4	0.4
50103R	POINTE-AUX-TREMBLES	158	----	0.2	0.4	0.8	1.0	0.2	0.3	0.3	0.3
50109C	DUNCAN & DECARIE	262	0.43	0.5	1.0	1.2	1.5	0.5	0.7	0.8	0.9
50110C	PARC PILON, MTL.-NORD	154	----	0.2	0.4	0.6	0.6	0.2	0.3	0.4	0.4
50115C	1001 BOUL MAISONNEUVE O.	339	0.27	0.3	0.6	0.7	1.6	0.3	0.5	0.5	0.5
50116R	3161 JOSEPH, VERDUN	340	0.14	0.2	0.3	0.4	0.6	0.2	0.2	0.3	0.3
50203R	MULL, QUEBEC										
	GAMBLIN & JOFFRE	0	----	-	-	-	-	-	-	-	-
50801R	TROIS-RIVIERES, QUEBEC										
	HART & STE-CECILE	292	****	0.1	0.1	0.2	0.3	0.1	0.1	0.1	0.1
51201I	SHAWINIGAN, QUEBEC										
	FRIGON & LAVAL	333	0.18	0.2	0.6	0.9	1.3	0.2	0.4	0.5	0.5
60101C	OTTAWA, ONT.										
	88 SLATER ST.	172	----	0.2	0.5	0.6	0.6	0.2	0.3	0.3	0.3
60104C	RIDEAU & WURTEMBERG	714	(1) 0.12	0.2	0.4	0.6	0.7	0.2	0.3	0.4	0.4
60204C	WINDSOR, ONT.										
	471 UNIVERSITY AVENUE	728	(1) 0.51	0.6	1.2	1.7	2.1	0.6	1.0	1.3	1.3
60211R	COLLEGE & PRINCE	728	(1) 0.42	0.5	1.0	1.5	1.7	0.5	0.7	0.8	0.8
60403I	TORONTO, ONT.										
	EVANS & ARNOLD	733	(1) 0.39	0.5	1.1	1.6	1.8	0.6	0.9	1.0	1.0
60410R	LAWRENCE & KENNEDY	730	(1) 0.34	0.4	0.8	1.1	1.4	0.4	0.6	0.7	0.7
60412R	BATHURST & WILSON	732	(1) 0.49	0.6	1.4	1.6	2.0	0.7	1.0	1.3	1.4
60414I	SHERBOURNE & WILTON ST.	707	(1) 0.58	0.7	1.4	1.8	2.0	0.7	1.0	1.1	1.2
60417C	26 BREADALBANE STREET	727	(1) 0.37	0.5	0.8	1.4	1.8	0.5	0.6	0.7	0.7
60501C	HAMILTON, ONT.										
	BARTON & SANFORD	720	(1) 0.36	0.4	0.9	1.2	1.3	0.5	0.7	0.8	0.8
60505R	NORTH PARK	694	(1) 0.70	1.0	1.5	1.8	2.1	1.0	1.3	1.4	1.4
60602R	SUDBURY, ONT.										
	ASH STREET	732	(1) ****	0.1	0.4	0.6	1.0	0.1	0.3	0.4	0.4
60901C	LONDON, ONT.										
	KING & RECTORY	729	(1) 0.30	0.4	0.7	1.0	1.2	0.4	0.5	0.7	0.7
61004R	SARNIA, ONT.										
	FRONT ST. AT C.N. TRACKS	733	(1) 0.29	0.4	0.6	0.9	1.1	0.4	0.5	0.6	0.6
61201R	CORNWALL, ONT.										
	MEMORIAL PARK	702	(1) 0.10	0.1	0.3	0.6	0.7	0.2	0.3	0.3	0.3
61301C	ST. CATHARINES, ONT.										
	NORTH ST. & GENEVA ST.	729	(1) 0.20	0.3	0.7	0.9	1.2	0.3	0.4	0.5	0.5
61602R	OAKVILLE, ONT.										
	BRONTE AND WOBURN CRES.	723	(1) 0.39	0.5	0.9	1.1	1.3	0.5	0.6	0.8	0.8
61701R	OSHAWA, ONT.										
	RITSON RD. & OLIVE AVE.	729	(1) 0.29	0.4	0.8	1.1	1.4	0.4	0.6	0.7	0.7
70118R	WINNIPEG, MAN.										
	JEFFERSON & SCOTIA	220	****	0.0	0.1	0.3	0.3	0.0	0.1	0.1	0.1
70119C	65 ELLEN STREET	266	0.13	0.2	0.3	0.5	0.7	0.2	0.3	0.3	0.3
70120R	604 ST. MARY'S RD.	361	****	0.0	0.1	0.2	0.3	0.0	0.1	0.1	0.1
90122R	EDMONTON, ALTA.										
	127 ST. & 133 AVENUE	742	(1) 0.15	0.2	0.4	0.6	0.7	0.2	0.3	0.3	0.3
90130C	10255 - 104TH STREET	699	(1) 0.20	0.2	0.5	0.7	1.4	0.2	0.3	0.4	0.5
90218I	CALGARY, ALTA.										
	BONNY BRK & 18A ST. S.E.	741	(1) 0.16	0.2	0.6	0.9	1.3	0.2	0.4	0.4	0.4
90222R	39 ST. & 29 AVE. N.W.	717	(1) ****	0.1	0.2	0.2	0.3	0.1	0.1	0.1	0.1
90227C	1611-4TH STREET S.W.	718	(1) 0.25	0.3	0.5	1.0	1.0	0.3	0.4	0.4	0.4
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/HORNEY	0	----	-	-	-	-	-	-	-	-
00202C	PRINCE GEORGE, B.C.										
	1011 4TH AVENUE	0	----	-	-	-	-	-	-	-	-

(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
1983

INDICE DE SOUILLURE
UNITES COH PAR 1000 PIEDS LINEAIRES

STATION	LOCATION EMPLACEMENT	NUMBER OF SAMPLES NOMBRE DE DONNEES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS -----				DISTRIBUTIONS DES FREQUENCES			
				INTERVALS - INTERVALLES				MEANS ----- MOYENNES			
				2-HOUR / HEURES				24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX
00302C	VICTORIA, B.C. 1250 QUADRA ST.	0	----	-	-	-	-	-	-	-	-
09001C	WHITEHORSE, YUKON FEDERAL BUILDING	0	----	-	-	-	-	-	-	-	-

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

SUSPENDED PARTICULATE MATTER AND LEAD
MICROGRAMS PER CUBIC METRE

JULY - JUILLET
1983

PLOMB ET PARTICULES EN SUSPENSION
MICROGRAMMES PAR METRE CUBE

STATION	LOCATION EMPLACEMENT	*----- PARTICULATES / PARTICULES -----*						MEAN MOYENNE	*----- LEAD / PLOMB -----*						MEAN MOYENNE
		----- DAY / JOUR -----							*----- DAY / JOUR -----*						
		5	11	17	23	29	5		11	17	23	29			
10101C	ST. JOHN'S, NFLD. DUCKWORTH & ORDINANCE	-	-	-	-	-	-	-	-	-	-	-	-	-	
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	26	21	22	32	-	25	0.1	0.1	0.1	0.1	-	-	0.1	
30101C	HALIFAX, N.S. N.S. TECHNICAL COLLEGE	31	39	52	33	38	39	0.1	0.1	0.1	0.1	0.1	-	0.1	
30102R	DALHOUSIE UNIVERSITY	28	24	22	13	31	24	0.0	0.1	0.1	0.1	0.1	-	0.1	
30114R	MT ST VINCENT UNIVERSITY	26	23	21	12	-	21	0.1	0.1	0.0	0.0	-	-	0.1	
30115I	CFB SHEARWATER	14	18	-	-	-	-	0.0	0.0	-	-	-	-	-	
30310C	SYDNEY, N.S. COUNTY JAIL	49	43	30	24	44	38	0.3	0.4	0.1	0.1	0.3	-	0.2	
30311R	WHITNEY PIER FIRE STN.	97	39	43	27	85	58	0.1	0.2	0.2	0.2	0.2	-	0.2	
30408R	GLACE BAY, N.S. SOUTH STREET	101	46	36	30	129	68	0.0	0.2	0.0	0.0	0.0	-	0.1	
40102C	FREDERICTON, N.B. YORK STREET	53	47	29	-	-	43	0.1	0.3	0.1	-	-	-	0.1	
40201C	SAINT JOHN, N.B. 110 CHARLOTTE STREET	41	50	31	28	-	38	0.2	0.1	0.1	0.1	-	-	0.2	
50102R	MONTREAL, QUEBEC JARDIN BOTANIQUE	37	46	-	47	54	46	0.1	0.1	-	0.1	0.2	-	0.1	
50103R	POINTE-AUX-TREMBLES	55	58	29	39	91	54	-	-	-	-	-	-	-	
50104C	1125 ONTARIO EST	39	-	-	34	84	52	0.3	-	-	0.3	0.4	-	0.3	
50108R	1700 BOURASSA, LONGUEUIL	46	63	36	37	50	46	0.1	0.1	0.1	0.1	0.1	-	0.1	
50109C	DUNCAN & DECARIE	94	92	48	-	109	86	1.0	0.2	0.5	-	1.1	-	0.7	
50110C	PARC PILON, MTL.-NORD	36	42	33	34	57	40	-	-	-	-	-	-	-	
50112C	BOUL. LAURENTIDES	-	65	58	52	70	61	-	0.3	0.2	0.2	0.2	-	0.2	
50113R	PIE X & CARDINAL	42	35	28	27	51	37	0.1	0.1	0.1	0.1	0.1	-	0.1	
50116R	3161 JOSEPH, VERDUN	35	67	21	28	74	45	0.3	0.3	0.2	0.2	0.3	-	0.3	
50203R	HULL, QUEBEC GAMBLIN & JOFFRE	58	40	47	30	66	48	0.1	0.2	0.1	0.1	0.2	-	0.1	
50303I	QUEBEC, QUEBEC CENTRE LOISIRS LIMOILLOU	68	61	53	54	128	73	0.3	0.3	0.2	0.3	0.5	-	0.3	
50306R	2026 BLVD. ST-CYRILLE	43	39	32	36	111	52	0.1	0.2	0.1	0.3	0.3	-	0.2	
50403C	SHERBROOKE, QUEBEC WELLINGTON & ALBERT	61	48	30	47	62	50	-	-	-	-	-	-	-	
50502R	CHICOUTIMI, QUEBEC USINE DE FILTRATION	70	48	57	39	82	59	-	-	-	0.1	0.1	-	-	
50503C	222 RACINE	107	67	50	55	115	79	0.3	0.2	0.1	0.2	0.4	-	0.2	
50601C	ROUYN, QUEBEC HOTEL DE VILLE	39	52	-	34	-	42	0.2	0.2	-	0.3	-	-	0.2	
50701C	SEPT-ILES, QUEBEC HOTEL DE VILLE	38	35	14	58	25	34	0.1	0.1	-	0.1	0.1	-	0.1	
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	47	60	30	54	116	61	0.2	0.2	0.1	0.2	0.3	-	0.2	
50901R	ARVIDA, QUEBEC POWELL & HOOPES	40	80	29	39	100	58	-	0.2	-	0.2	0.1	-	0.2	
51002R	TRACY, QUEBEC GARNEAU & RTE 132	37	46	24	35	92	47	0.1	0.2	-	0.1	0.1	-	0.1	
51101C	THETFORD MINES, QUEBEC BOUL. STE-MARTHE	-	26	27	-	32	28	-	0.1	-	-	0.1	-	-	
51201I	SHAWINIGAN, QUEBEC FRIGON & LAVAL	115	282	42	66	252	151	0.1	0.1	0.1	0.1	0.2	-	0.1	
51301R	BAIE COMEAU, QUEBEC 39 AVE. MARGUERITE	68	42	41	36	55	48	0.1	0.1	-	-	0.1	-	0.1	
60101C	OTTAWA, ONT. 88 SLATER ST.	34	51	26	28	82	44	0.2	0.3	0.1	0.1	0.4	-	0.2	
60104C	RIDEAU & WURTEMBERG	27	51	21	25	67	38	0.1	0.2	0.1	0.1	0.2	-	0.1	
60105R	NRC, MONTREAL ROAD	36	31	25	20	73	37	0.1	0.2	0.1	0.1	0.2	-	0.1	
60201I	WINDSOR, ONT. MORTON TERMINAL DOCK	63	91	72	67	65	72	0.0	0.1	0.0	0.0	0.0	-	0.0	
60202C	CITY HALL	47	96	61	64	64	66	0.2	0.3	0.2	0.2	0.3	-	0.2	
60203R	TECUMSEH WATER WORKS	36	73	57	48	14	46	0.0	0.0	0.0	0.0	0.0	-	0.0	
60204C	471 UNIVERSITY AVENUE	-	109	92	110	32	86	-	0.3	0.4	0.2	0.1	-	0.3	
60301R	KINGSTON, ONT. QUEEN'S UNIVERSITY	-	-	-	-	-	-	-	-	-	-	-	-	-	
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	44	78	48	52	62	57	0.1	0.4	0.2	0.4	0.3	-	0.3	
60403I	EVANS & ARNOLD	53	97	82	63	74	74	0.4	0.8	0.6	0.3	0.5	-	0.5	
60409R	REDLANDS CRESCENT	37	62	47	43	49	48	0.0	0.0	0.0	0.0	0.0	-	0.0	

SUSPENDED PARTICULATE MATTER AND LEAD
MICROGRAMS PER CUBIC METREJULY - JUILLET
1983PLOMB ET PARTICULES EN SUSPENSION
MICROGRAMMES PAR METRE CUBE

STATION	LOCATION EMPLACEMENT	*----- PARTICULATES / PARTICULES -----*						*----- LEAD / PLOMB -----*					
		----- DAY / JOUR -----					MEAN MOYENNE	*----- DAY / JOUR -----*					MEAN MOYENNE
		5	11	17	23	29		5	11	17	23	29	
60410R	LAWRENCE & KENNEDY	53	111	57	60	64	69	0.4	0.5	0.2	0.4	0.4	0.4
60412R	BATHURST & WILSON	67	-	-	60	72	66	0.9	-	-	1.1	0.9	1.0
60413R	ELMCREST ROAD	61	81	61	74	34	62	0.2	0.3	0.3	0.5	0.1	0.3
60414I	SHERBOURNE & WILTON ST.	87	152	76	101	44	92	0.4	0.8	0.3	0.6	0.3	0.5
60415R	QUEENSWAY W & HURONTARIO	43	99	90	60	93	77	0.0	0.0	0.0	0.0	0.0	0.0
60417C	26 BREADALBANE STREET	130	98	52	-	72	88	0.4	0.5	0.2	-	0.3	0.4
HAMILTON, ONT.													
60501C	BARTON & SANFORD	46	113	75	86	55	75	0.2	0.4	0.2	0.4	0.3	0.3
60503I	CHATHAM & FRID	51	100	-	70	-	74	0.0	0.1	-	0.2	-	0.1
60505R	NORTH PARK	76	165	97	114	121	115	0.6	0.6	0.3	0.7	0.6	0.6
SUDBURY, ONT.													
60602R	ASH STREET	-	67	30	29	62	47	-	0.1	0.1	0.1	0.1	0.1
60605C	19 LISGAR STREET	30	86	46	38	74	55	0.2	0.1	0.2	0.1	0.2	0.2
SAULT STE. MARIE, ONT.													
60705R	550 QUEEN STREET WEST	28	78	71	51	74	60	0.0	0.1	0.1	0.1	0.1	0.1
60706I	FARWELL PUMP HOUSE	-	-	-	-	-	-	-	-	-	-	-	-
THUNDER BAY, ONT.													
60801C	14 ALGOMA STREET	32	104	34	42	50	52	-	-	-	-	-	-
60806R	435 JAMES S.	31	99	44	45	52	54	-	-	-	-	-	-
LONDON, ONT.													
60901C	KING & RECTORY	-	70	63	49	47	57	-	0.2	0.2	0.4	0.3	0.3
60902C	372 DUNDAS	26	58	56	58	54	50	0.1	0.2	0.1	0.4	0.3	0.2
SARNIA, ONT.													
61004R	FRONT ST. AT C.N. TRACKS	36	118	73	76	72	75	0.1	0.2	0.2	0.3	0.2	0.2
PETERBOROUGH, ONT.													
61103C	500 GEORGE STREET	-	74	-	90	79	81	-	0.3	-	0.2	0.3	0.3
CORNWALL, ONT.													
61201R	MEMORIAL PARK	68	50	-	51	85	64	0.1	0.1	-	0.1	0.1	0.1
ST. CATHARINES, ONT.													
61301C	NORTH ST. & GENEVA ST.	46	89	55	74	62	65	0.2	0.2	0.1	0.2	0.2	0.2
KITCHENER, ONT.													
61501C	EDNA & FREDERICK	30	55	43	58	37	45	0.2	0.4	0.3	0.5	0.2	0.3
OAKVILLE, ONT.													
61602R	BRONTE AND WOBURN CRES.	35	53	43	51	49	46	0.0	0.0	0.1	0.3	0.0	0.1
OSHAWA, ONT.													
61701R	RITSON RD. & OLIVE AVE.	55	87	49	62	65	64	0.3	0.4	0.1	0.4	0.4	0.3
GUELPH, ONT.													
61801C	FARQUHAR & WYNDHAM	23	-	38	56	36	38	0.0	-	0.1	0.2	0.1	0.1
WINNIPEG, MAN.													
70102R	PORTAGE & WOODLAWN	51	82	60	-	97	73	0.3	0.4	0.5	-	0.8	0.5
70104I	UNION STOCK YARDS	33	107	60	56	80	67	0.1	0.1	0.2	0.1	0.1	0.1
70118R	JEFFERSON & SCOTIA	182	77	51	40	40	78	0.3	0.2	0.2	0.1	0.1	0.2
70119C	65 ELLEN STREET	70	127	61	49	85	78	0.3	0.2	0.2	0.2	0.3	0.2
70120R	604 ST. MARY'S RD.	24	44	39	27	57	38	0.1	0.2	0.2	0.1	0.2	0.2
BRANDON, MAN.													
70201C	11TH ST. & PRINCESS AVE.	65	56	40	63	85	62	0.2	0.2	0.1	0.3	0.2	0.2
REGINA, SASK.													
80102R	3211 ALBERT STREET	35	50	16	32	51	37	0.3	0.1	0.0	0.1	0.3	0.2
80108C	12TH AVE. & SMITH ST.	-	-	-	-	-	-	-	-	-	-	-	-
80109C	1620 ALBERT STREET	53	32	26	55	78	49	0.4	0.1	0.1	0.3	0.6	0.3
SASKATOON, SASK.													
80203R	30TH ST. & 833 P AVE.	-	41	24	55	37	39	-	0.1	0.1	0.1	0.1	0.1
80209C	IDYLLWYLD DR. & 33RD ST.	51	38	27	43	38	39	0.1	0.2	0.1	0.0	0.1	0.1
MOOSE JAW, SASK.													
80301C	FAIRFORD ST. & 1ST AVE.	83	43	41	60	78	61	0.2	0.1	0.1	0.2	0.3	0.2
PRINCE ALBERT, SASK.													
80401C	1257-1ST AVE. EAST	54	49	45	-	-	49	0.1	0.1	0.1	-	-	0.1
EDMONTON, ALTA.													
90121I	17 STREET & 105 AVENUE	63	81	33	38	63	56	-	-	-	-	-	-
90122R	127 ST. & 133 AVENUE	141	43	58	38	48	66	-	-	-	-	-	-
90130C	10255 - 104TH STREET	78	79	43	65	96	72	-	0.3	-	0.2	-	-
CALGARY, ALTA.													
90204C	316-7TH AVENUE	100	130	90	94	129	109	-	-	-	-	-	-
90218I	BONNY BRK & 18A ST. S.E.	98	82	34	122	76	82	-	-	-	-	-	-
90222R	39 ST. & 29 AVE. N.W.	50	42	22	48	32	39	-	-	-	-	-	-
YELLOWKNIFE, N.W.T.													
99001C	50TH AVE. & 49TH STREET	155	147	-	154	259	179	0.1	0.1	-	0.1	0.2	0.2

SUSPENDED PARTICULATE MATTER AND LEAD
MICROGRAMS PER CUBIC METRE

JULY - JUILLET
1983

PLOMB ET PARTICULES EN SUSPENSION
MICROGRAMMES PAR METRE CUBE

STATION	LOCATION EMPLACEMENT	*----- PARTICULATES / PARTICULES -----*						*----- LEAD / PLOMB -----*					
		----- DAY / JOUR -----					MEAN MOYENNE	*----- DAY / JOUR -----*					MEAN MOYENNE
		5	11	17	23	29		5	11	17	23	29	
VANCOUVER, B.C.													
00102R	100 RICHMOND STREET	-	15	27	37	43	31	-	0.3	0.4	0.4	1.2	0.6
00104R	27TH & ONTARIO	57	20	26	38	27	34	0.6	0.3	0.5	0.4	0.6	0.4
00106R	2294 WEST 10TH AVENUE	39	20	33	34	32	32	0.3	0.3	0.3	0.3	0.7	0.4
00108I	250 WEST 70TH AVENUE	54	34	34	41	40	41	0.3	0.2	0.4	0.2	0.8	0.4
00109C	970 BURRARD	50	24	40	49	79	48	0.8	0.6	0.5	0.6	1.0	0.7
00110R	E. HASTINGS & KENSINGTON	27	14	26	33	27	25	0.4	0.2	0.3	0.3	0.4	0.3
00111I	ROCKY PT. PARK	30	16	40	37	42	33	0.3	0.2	0.5	0.3	0.4	0.3
00113I	ANNACIS ISLAND, DELTA	35	17	57	38	56	41	0.1	0.1	0.3	0.1	0.4	0.2
00114C	MUNICIPAL HALL, RICHMOND	35	16	24	33	27	27	0.3	0.5	0.3	0.4	0.5	0.4
00115R	NEWTON ELEM. SCH., SURREY	57	21	-	29	32	35	0.2	0.1	-	0.4	0.5	0.3
00116R	FIRE HALL, N. VANCOUVER	35	17	27	37	31	29	0.5	0.4	0.4	0.5	0.7	0.5
00117R	BCIT BURNABY	31	17	-	32	34	29	0.5	0.2	-	0.5	0.9	0.5
PRINCE GEORGE, B.C.													
00202C	1011 4TH AVENUE	82	37	49	82	62	62	0.2	0.1	0.1	0.2	0.2	0.2
VICTORIA, B.C.													
00302C	1250 QUADRA ST.	26	21	31	27	48	31	0.2	0.4	0.5	0.2	1.3	0.5
KAMLOOPS, B.C.													
00401C	301 SEYMOUR ST.	37	33	46	62	-	45	0.2	0.2	0.2	0.3	-	0.2
WHITEHORSE, YUKON													
09001C	FEDERAL BUILDING	29	38	-	21	60	37	0.2	0.1	-	0.1	0.2	0.1

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

JULY - JUILLET
1983

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

STATION	LOCATION EMPLACEMENT	DAY / JOUR				
		5	11	17	23	29
10101C	ST. JOHN'S, Nfld. DUCKWORTH & ORDINANCE	-	-	-	-	-
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	1	1	0	-	-
30114R	HALIFAX, N.S. MT ST VINCENT UNIVERSITY	-	0	0	0	-
30115I	CPS SHEARWATER	0	-	-	-	-
30310C	SYDNEY, N.S. COUNTY JAIL	-	2	0	0	0
30311R	WHITNEY PIER FIRE STN.	-	-	-	-	-
30408R	GLACE BAY, N.S. SOUTH STREET	5	-	0	0	13
50102R	MONTREAL, QUEBEC JARDIN BOTANIQUE	0	0	-	0	-
50103R	POINTE-AUX-TREMBLES	1	2	0	3	6
50104C	1125 ONTARIO EST	0	-	-	0	0
50108R	1700 BOURASSA, LONGUEUIL	-	0	0	1	1
50109C	DUNCAN & DECARIE	0	2	1	-	0
50110C	PARC PILON, MTL.-NORD	0	0	0	0	0
50112C	BOUL. LAURENTIDES	-	0	0	-	-
50113R	PIE X & CARDINAL	0	0	0	0	0
50115R	3167 JOSEPH, VERDUN	1	0	0	0	0
50203R	QUEBEC, QUEBEC GAMBLIN & JOFFRE	1	0	0	0	1
50303I	QUEBEC, QUEBEC CENTRE LOISIRS LIMOULOU	0	-	0	0	0
50306R	2026 BLVD. ST-CYRILLE	0	0	0	0	0
50601C	ROUYE, QUEBEC HOTEL DE VILLE	0	0	-	0	-
50701C	SEPT-ILES, QUEBEC HOTEL DE VILLE	-	-	0	-	0
50801R	TROIS-RIVIERES, QUEBEC BART & STE-CECILE	-	0	0	0	0
50901R	ARVIDA, QUEBEC POWELL & HOOPE	0	1	0	0	1
51201I	SEMINIGAN, QUEBEC PRISON & LAVAL	1	0	0	0	0
51301R	BAIE COMEAU, QUEBEC 39 AVE. MARGUERITE	1	6	11	3	0
60101C	OTTAWA, ONT. 88 SLATER ST.	1	0	1	0	2
60104C	RIDEAU & WORTENBURG	0	0	0	0	0
60105R	NRC, MONTREAL ROAD	0	1	0	0	1
60201I	WINDSOR, ONT. MORTON TERMINAL DOCK	1	0	1	1	-
60204C	471 UNIVERSITY AVENUE	-	2	0	1	1
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	-	-	-	-	-
60403I	EVANS & ARNOLD	0	1	0	0	0
60409R	REDLANDS CRESCENT	-	-	-	-	-
60410R	LAWRENCE & KENNEDY	0	0	-	0	0
60412R	BATHURST & WILSON	0	-	-	1	0
60413R	ELMCREST ROAD	2	1	1	-	0
60414I	SHERBOURNE & WILTON ST.	0	1	0	0	-
60415R	QUEENSWAY W & HURONTARIO	0	0	1	1	0
60417C	26 BREADALBANE STREET	0	1	0	-	0
60501C	HAMILTON, ONT. BARTON & SANFORD	1	0	1	1	1
60505R	NORTH PARK	2	10	6	10	7
60602R	SUDBURY, ONT. ASH STREET	-	1	0	1	0
60706I	SAULT STE. MARIE, ONT. FARWELL PUMP HOUSE	-	-	-	-	-
60806R	THUNDER BAY, ONT. 435 JAMES S.	0	0	0	0	0
60901C	LONDON, ONT. KING & RECTORY	-	1	0	1	0

COMBINATION OF SULPHUR DIOXIDE AND
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JULY - JUILLET
1983

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

STATION	LOCATION EMPLACEMENT	*----- DAY / JOUR -----*				
		5	11	17	23	29
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	0	12	0	1	3
61103C	PETERBOROUGH, ONT. 500 GEORGE STREET	-	-	-	-	-
61201R	CORNWALL, ONT. MEMORIAL PARK	2	2	-	2	1
61301C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	0	2	1	1	0
61501C	KITCHENER, ONT. EDNA & FREDERICK	0	0	0	-	-
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	0	4	-	2	7
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	0	2	0	0	0
61801C	GUELPH, ONT. PARQUHAR & WYNDHAM	0	-	0	-	-
70118R	WINNIPEG, MAN. JEFFERSON & SCOTIA	0	0	0	0	0
70119C	65 ELLEN STREET	0	0	0	0	0
70120R	604 ST. MARY'S RD.	0	0	0	0	0
80109C	REGINA, SASK. 1620 ALBERT STREET	0	0	0	0	0
80209C	SASKATOON, SASK. IDYLWYLD DR. & 33RD ST.	0	0	0	0	-
80301C	MOOSE JAW, SASK. FAIRFORD ST. & 1ST AVE.	-	-	-	-	-
80401C	PRINCE ALBERT, SASK. 1257-1ST AVE. EAST	0	0	0	-	-
90121I	EDMONTON, ALTA. 17 STREET & 105 AVENUE	0	0	0	0	0
90218I	CALGARY, ALTA. BONNY BRK & 18A ST. S.E.	1	0	0	0	0
00106R	VANCOUVER, B.C. 2294 WEST 10TH AVENUE	-	0	1	0	0
00110R	E. HASTINGS & KENSINGTON	-	-	-	-	1
00111I	ROCKY PT. PARK	-	-	1	0	1
00302C	VICTORIA, B.C. 1250 QUADRA ST.	-	0	0	0	0
00401C	KAMLOOPS, B.C. 301 SEYMOUR ST.	0	0	0	0	-

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

JULY - JUILLET
1983

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

STATION	LOCATION EMPLACEMENT	DUSTFALL RETOMBÉES DE POUSSIÈRES	SO3
SYDNEY, N.S.			
30301R	MURPHY ROAD	3.9	0.1 **
30309I	PT EDWARD, RICHMOND PLST	6.3	0.1 **
30310C	COUNTY JAIL	6.5	0.1 **
30311R	WHITNEY PIER FIRE STN.	7.7	0.1 **
GLACE BAY, N.S.			
30401R	LAKE ROAD	10.5	0.1 **
30405C	GENERAL HOSPITAL	2.5	0.3 **
MONTREAL, QUEBEC			
50101R	7405 CHAMPAGNEUR	1.0	-
50102R	JARDIN BOTANIQUE	5.0	- *
50103R	POINTE-AUX-TREMBLES	9.0	-
TORONTO, ONT.			
60403I	EVANS & ARNOLD	8.5	-
60404R	5126 YONGE STREET	-	-
60405I	JOHN STREET PUMP STATION	19.4	-
60406R	ROSEHILL RESERVOIR	3.7	-
60408C	DANFORTH & ROBINSON	4.1	-
HAMILTON, ONT.			
60501C	BARTON & SANFORD	3.5	-
60502I	BURLINGTON & GAGE	7.9	-
60503I	CHATHAM & FRID	7.3	-
60507C	HUGHSON & HUNTER	4.0	-
60510I	STRATHEARN	23.8	-
SAULT STE. MARIE, ONT.			
60702R	ANNA MCREA PUBLIC SCHOOL	3.2	-
60703I	BAYVIEW & YOUNG	9.2	-
THUNDER BAY, ONT.			
60801C	14 ALGOMA STREET	4.1	-
WINNIPEG, MAN.			
70105R	MARTIN & HENDERSON HWY	6.9	0.1 **
70110C	KENNEDY & ST. MARY'S	7.2	-
70113I	WINDERMERE & ROCKMAN	6.7	0.0 **
70115C	PORTAGE & MINTO	7.0	0.1 **
70116I	SMITH & KING	12.4	0.1 **
EDMONTON, ALTA.			
90125C	PRINS ELIZABETH & 108 ST	6.6	0.1 **
90126R	77 AVENUE & 85 STREET	11.4	- **
90127I	115 AVENUE & 159 STREET	-	- **
90128R	99 AVENUE & 160 STREET	9.2	- **
CALGARY, ALTA.			
90219C	620-7TH AVENUE, S.W.	5.9	0.1 **
90221R	DALHOUSIE DR & DALHAM DR	-	- **
90223C	11 ST. & 38 AVE. S.E.	13.2	0.1 **
90224I	OGDENDALE & 71 AVE S.E.	7.9	0.1 **
90225R	PALLISER DR & OAKWOOD SW	5.1	0.1 **
90226I	SHEPPARD & 84 AVE S.E.	5.9	0.1 **

Environment Canada - Environnement Canada

National air pollution surveillance; monthly
summary = Surveillance nationale de la pollut
CANADA. AIR POLLUTION CONTROL DIRECTORATE

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NSDE

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

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