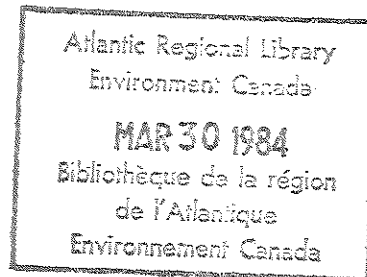




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Monthly Summary August 1983



National Air Pollution Surveillance

Surveillance nationale de la pollution atmosphérique

Extrait mensuel août 1983

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EPS 5-EP-83-8

Environmental Protection
Programs Directorate

Rapport de surveillance
EPS 5-EP-83-8

Direction générale des programmes
de protection de l'environnement

SULPHUR DIOXIDE
PARTS PER HUNDRED MILLIONAUGUST - AOÛT
1983DIOXYDE DE SOUFRE
PARTIES PAR CENT MILLIONS880
3825
88-2

STATION	LOCATION EMPLACEMENT	NUMBER OF HOURLY SAMPLES NOMBRE DE DONNEES HORAIRES	MONTHLY MEAN MOYENNE HEMENSUELLE	FREQUENCY DISTRIBUTIONS - CENTILES - DISTRIBUTIONS DES FREQUENCES				MEANS ---- MOYENNES			
				INTERVALS - INTERVALLES		1-HOUR / HEURE		24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX
10101C	ST. JOHN'S, Nfld. DUCKWORTH & ORDINANCE	34	---	1	2	2	2	1	1	1	1
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	311	---	1	2	4	6	1	1	1	2
30114R	HALIFAX, N.S. MT ST VINCENT UNIVERSITY	315	---	0	1	2	5	0	1	1	1
30115I	CPB SHEARWATER	660	***	0	2	4	10	1	1	2	2
30116C	BARRINGTON & DUKE	385	***	1	2	4	5	1	2	2	2
30310C	SYDNEY, N.S. COUNTY JAIL	644	***	0	1	2	4	0	1	1	1
30311R	WHITNEY PIER FIRE STN.	0	---	-	-	-	-	-	-	-	-
30408R	GLACE BAY, N.S. SOUTH STREET	141	---	1	12	19	21	4	6	7	7
40202C	SAINT JOHN, N.B. POST OFFICE	710	***	0	1	1	3	0	0	1	1
50101R	MONTREAL, QUEBEC 7405 CHAMPAGNEUR	744	***	0	2	5	9	0	2	3	4
50102R	JARDIN BOTANIQUE	742	***	0	1	4	8	0	1	2	2
50103R	POINTE-AUX-TREMBLES	712	***	0	3	9	21	0	4	7	8
50104C	1125 ONTARIO EST	492	***	0	1	2	3	0	1	1	1
50106R	VILLE ST-LAURENT	623	***	0	1	2	4	0	1	1	1
50108R	1700 BOURASSA, LONGUEUIL	675	***	1	1	2	8	1	1	1	2
50109C	DUNCAN & DECARIE	670	***	0	1	2	2	0	1	1	1
50110C	PARC PILON, MTL.-NORD	509	***	1	2	3	4	1	2	2	2
50112C	BOUL. LAURENTIDES	0	---	-	-	-	-	-	-	-	-
50113R	PIE X & CARDINAL	669	***	0	1	1	2	0	0	1	1
50115C	1001 BOUL MAISONNEUVE O.	742	***	0	1	2	3	0	1	1	1
50116R	3161 JOSEPH, VERDUN	732	***	0	1	1	2	0	1	1	1
50203R	HULL, QUEBEC GAMBLIN & JOFFRE	641	***	1	1	1	1	1	1	1	1
50303I	QUEBEC, QUEBEC CENTRE LOISIRS LIMOILLOU	619	1.8	0	11	23	48	1	9	13	15
50304C	325 DORCHESTER SUD	435	***	0	6	11	20	0	5	6	6
50306R	2026 BLVD. ST-CYRILLE	665	***	0	2	3	6	1	1	2	2
50601C	ROUYN, QUEBEC HOTEL DE VILLE	728	1.1	0	5	20	55	1	5	7	8
50701C	SEPT-ILES, QUEBEC HOTEL DE VILLE	684	***	0	0	1	3	0	0	0	0
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	617	***	0	2	3	5	1	2	3	3
50901R	ARVIDA, QUEBEC POWELL & HOOPES	677	***	0	4	10	12	0	3	5	5
51001R	TRACY, QUEBEC 3225 AVE COURSHESNE	619	***	0	2	8	15	1	2	3	3
51201I	SHAWINIGAN, QUEBEC FRIGON & LAVAL	674	***	1	3	10	20	1	4	4	4
51301R	BAIE COMEAU, QUEBEC 39 AVE. MARGUETTE	606	1.8	1	9	29	45	2	8	14	16
60101C	OTTAWA, ONT. 88 SLATER ST.	679	***	0	1	1	2	0	1	1	1
60104C	RIDEAU & WURTEMBERG	723	***	0	0	0	1	0	0	0	0
60105R	NRC, MONTREAL ROAD	679	***	0	1	1	1	0	0	0	0
60201I	WINDSOR, ONT. MORTON TERMINAL DOCK	704	***	1	2	5	11	1	2	2	2
60204C	471 UNIVERSITY AVENUE	728	***	1	3	6	10	1	2	2	3
60211R	COLLEGE & PRINCE	676	***	1	2	5	11	1	2	3	3
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	701	***	1	2	3	7	1	1	2	2
60403I	EVANS & ARNOLD	702	***	0	0	1	3	0	0	0	0
60409R	REDLANDS CRESCENT	0	---	-	-	-	-	-	-	-	-
60410R	LAWRENCE & KENNEDY	730	***	0	1	3	4	0	1	1	1
60412R	BATHURST & WILSON	546	***	0	2	8	16	1	3	4	4
60413R	ELMCREST ROAD	649	***	1	2	3	24	1	2	2	2
60414I	SHERBOURNE & WILTON ST.	565	***	0	3	4	4	0	2	3	3
60415R	QUEENSWAY W & HURONTARIO	735	***	0	2	7	34	1	2	6	6
60417C	26 BREADALBANE STREET	722	***	0	1	2	5	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 MILLIONAUGUST - AOÛT
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
60501C	HAMILTON, ONT. BARTON & SANFORD	730	1.6	2	4	7	12	2	3	3	4
60505R	NORTH PARK	655	1.4	2	5	7	8	2	4	5	5
60602R	SUDBURY, ONT. ASH STREET	721	1.2	1	7	16	56	2	5	7	7
60606C	KENNEDY STREET	679	1.1	1	5	16	28	1	3	5	5
60706I	SAULT STE. MARIE, ONT. FARWELL PUMP HOUSE	712	***	0	2	4	11	0	2	2	2
60806R	THUNDER BAY, ONT. 435 JAMES S.	669	***	0	1	1	2	0	0	1	1
60901C	LONDON, ONT. KING & RECTORY	720	***	0	1	1	2	0	0	1	1
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	728	***	1	3	7	15	1	2	3	4
61103C	PETERBOROUGH, ONT. 500 GEORGE STREET	0	---	-	-	-	-	-	-	-	-
61201R	CORNWALL, ONT. MEMORIAL PARK	724	***	0	1	2	5	0	1	1	1
61301C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	730	***	1	3	4	4	1	2	3	3
61501C	KITCHENER, ONT. EDNA & FREDERICK	736	***	0	1	1	3	0	1	1	1
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	727	***	0	2	5	14	0	1	2	2
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	728	***	0	0	1	4	0	0	0	1
61801C	GUELPH, ONT. PARQUMAR & WYNDHAM	0	---	-	-	-	-	-	-	-	-
70118R	WINNIPEG, MAN. JEFFERSON & SCOTIA	563	***	0	0	2	3	0	0	0	1
70119C	65 ELLEN STREET	561	***	0	0	1	2	0	0	1	1
70120R	604 ST. MARY'S RD.	705	***	0	0	0	2	0	0	0	0
80109C	REGINA, SASK. 1620 ALBERT STREET	683	***	0	0	1	6	0	0	1	1
80209C	SASKATOON, SASK. IDYLWYLD DR. & 33RD ST.	38	---	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	0	---	-	-	-	-	-	-	-	-
90121I	EDMONTON, ALTA. 17 STREET & 105 AVENUE	706	***	0	0	1	4	0	0	1	1
90218I	CALGARY, ALTA. BONNY BRK & 18A ST. S.E.	713	***	1	1	2	3	1	1	1	1
00106R	VANCOUVER, B.C. 2294 WEST 10TH AVENUE	727	***	1	1	1	2	1	1	1	1
00110R	E. HASTINGS & KENSINGTON	650	***	1	3	5	7	1	2	3	3
00111I	ROCKY PT. PARK	661	***	0	1	1	2	0	1	1	1
00112C	ROBSON/HORNBY	470	***	1	1	2	2	1	1	1	1
00302C	VICTORIA, B.C. 1250 QUADRA ST.	110	---	0	0	1	1	0	0	0	0
00401C	KAMLOOPS, B.C. 301 SEYMOUR ST.	701	***	0	0	0	1	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 MILLIONAUGUST - AOÛT
1983MONOXYDE DE CARBONE
PARTIES PAR MILLION

STATION	LOCATION EMPLACEMENT	NUMBER OF HOURLY SAMPLES NOMBRE DE DONNEES HORAIRES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS -				CENTILES - DISTRIBUTIONS DES FREQUENCES				MEANS - MOYENNES			
				INTERVALS - INTERVALLES				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	656	0.5	1	1	2	2	1	1	1	1	1	1	1	1
30116C	HALIFAX, N.S. BARRINGTON & DUKE	529	2.0	2	4	6	8	2	4	5	6	2	3	4	4
40202C	SAINT JOHN, N.B. POST OFFICE	721	1.1	1	3	5	9	1	3	4	5	1	2	3	3
	MONTREAL, QUEBEC														
50102R	JARDIN BOTANIQUE	744	***	1	1	2	2	1	1	1	1	0	1	1	1
50103R	POINTE-AUX-TREMBLES	744	0.8	1	1	2	2	1	1	2	2	1	1	1	1
50104C	1125 ONTARIO EST	739	2.1	3	4	7	9	3	4	7	8	3	4	6	7
50108R	1700 BOURASSA, LONGUEUIL	0	---	-	-	-	-	-	-	-	-	-	-	-	-
50109C	DUNCAN & DECARIE	643	1.7	2	5	6	11	2	4	5	5	2	3	3	3
50110C	PARC PILON, MTL.-NORD	0	---	-	-	-	-	-	-	-	-	-	-	-	-
50112C	BOUL. LAURENTIDES	719	0.8	1	2	4	4	1	2	4	4	1	2	4	4
50113R	PIE X & CARDINAL	734	0.6	1	1	2	3	1	1	2	2	1	1	1	1
50115C	1001 BOUL MAISONNEUVE O.	744	2.0	3	5	6	8	3	4	5	5	2	3	3	3
50115R	3161 JOSEPH, VERDUN	370	---	1	3	4	5	1	3	4	4	1	3	3	3
	QUEBEC, QUEBEC														
50203R	GAMBLIN & JOFFRE	721	0.6	1	1	2	2	1	1	1	1	1	1	1	1
50304C	QUEBEC, QUEBEC 325 DORCHESTER SUD	381	0.7	1	2	4	5	1	2	3	3	1	2	2	2
	OTTAWA, ONT.														
60101C	88 SLATER ST.	723	1.8	2	5	8	9	2	4	5	6	2	3	4	4
60104C	RIDEAU & WURTEMBERG	723	***	0	1	1	2	0	1	1	1	0	0	0	0
	WINDSOR, ONT.														
60204C	471 UNIVERSITY AVENUE	728	0.9	1	2	3	5	1	2	3	3	1	2	2	3
	TORONTO, ONT.														
60402R	DON MILLS, SCIENCE CNTR	0	---	-	-	-	-	-	-	-	-	-	-	-	-
60403I	EVANS & ARNOLD	731	1.8	2	3	4	7	2	3	3	4	2	2	3	3
60410R	LAWRENCE & KENNEDY	729	1.5	2	3	4	4	2	3	3	4	2	3	3	3
60412R	BATHURST & WILSON	727	1.1	2	3	4	5	2	3	3	4	2	2	3	3
60413R	ELMCREST ROAD	578	1.6	2	2	3	3	2	2	2	2	2	2	2	2
60414I	SHERBOURNE & WILTON ST.	706	1.3	2	3	4	5	2	2	3	3	2	2	2	3
60415R	QUEENSWAY W & HURONTARIO	549	1.3	1	2	3	3	1	2	2	2	1	2	2	2
60416C	381 YONGE STREET	741	4.7	5	10	16	23	5	9	11	12	5	7	8	9
60417C	26 BREADALBANE STREET	647	0.9	1	2	3	4	1	2	2	2	1	2	2	2
	HAMILTON, ONT.														
60501C	BARTON & SANFORD	730	0.7	1	2	3	4	1	2	2	2	1	2	2	2
	SUDBURY, ONT.														
60602R	ASH STREET	695	***	0	0	1	3	0	0	0	1	0	0	0	0
	SAULT STE. MARIE, ONT.														
60706I	FARWELL PUMP HOUSE	252	---	1	1	2	3	1	1	1	1	1	1	1	1
	LONDON, ONT.														
60801C	KING & RECTORY	679	***	0	1	2	4	0	1	2	2	0	0	1	1
	SARNIA, ONT.														
61004R	FRONT ST. AT C.N. TRACKS	718	***	0	1	2	4	0	1	1	1	0	0	1	1
	CORNWALL, ONT.														
61201R	MEMORIAL PARK	709	***	0	0	1	2	0	0	1	1	0	0	0	0
	ST. CATHARINES, ONT.														
61301C	NORTH ST. & GENEVA ST.	729	***	1	2	2	3	1	1	2	2	1	1	1	2
	KITCHENER, ONT.														
61501C	EDNA & FREDERICK	710	0.8	1	2	3	5	1	2	2	2	1	2	2	2
	OAKVILLE, ONT.														
61602R	BRONTE AND WOBURN CRES.	728	1.3	1	3	5	8	1	2	4	5	1	2	3	3
	OSHAWA, ONT.														
61701R	RITSON RD. & OLIVE AVE.	637	2.3	3	5	6	8	3	5	6	6	3	5	5	5
	WINNIPEG, MAN.														
70118R	JEFFERSON & SCOTIA	475	***	1	1	3	4	1	1	2	2	1	1	1	1
70119C	65 ELLEN STREET	651	0.6	1	2	4	6	1	2	3	3	1	1	2	2
70120R	604 ST. MARY'S RD.	660	***	0	2	4	6	1	2	3	3	1	1	2	2
	REGINA, SASK.														
80109C	1620 ALBERT STREET	741	1.0	1	4	6	13	1	4	5	5	1	3	4	4

*** CALCULATED MEANS ARE BELOW 500 PARTS PER BILLION.
LES MOYENNES SONT INFÉRIEURES À 500 PARTIES PAR BILLION.

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

CARBON MONOXIDE
PARTS PER MILLIONAUGUST - AOÛT
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.	734	***	0	1	3	7	0	1	2	3	0	1	2	2
	EDMONTON, ALTA.														
901211	17 STREET & 105 AVENUE	701	0.8	1	2	3	5	1	2	3	3	1	2	2	2
90122R	127 ST. & 133 AVENUE	729	0.9	1	3	5	7	1	2	3	4	1	2	2	2
90130C	10255 - 104TH STREET	724	1.5	2	3	5	9	2	3	4	5	2	3	3	3
	CALGARY, ALTA.														
90222R	39 ST. & 29 AVE. N.W.	729	0.8	1	2	4	8	1	2	2	3	1	1	2	2
90227C	1611-4TH STREET S.W.	721	1.9	2	4	7	15	2	3	5	7	2	3	3	4
	VANCOUVER, B.C.														
00106R	2294 WEST 10TH AVENUE	714	0.5	1	2	3	5	1	1	2	2	1	1	2	2
001081	250 WEST 70TH AVENUE	731	1.1	1	3	3	4	1	2	3	3	1	2	2	2
00110R	E. HASTINGS & KENSINGTON	716	***	0	1	2	2	0	1	1	2	0	1	1	1
001111	ROCKY PT. PARK	723	***	0	1	2	3	0	1	1	1	0	1	1	1
00112C	ROBSON/HORNBY	667	1.7	2	3	6	9	2	3	4	5	2	3	3	3
	VICTORIA, B.C.														
00302C	1250 QUADRA ST.	738	0.6	1	2	4	5	1	2	2	3	1	1	1	2

*** CALCULATED MEANS ARE BELOW 500 PARTS PER BILLION.
LES MOYENNES SONT INFÉRIEURES À 500 PARTIES PAR BILLION.

NITROGEN DIOXIDE
 PARTS PER HUNDRED MILLION

 AUGUST - AOÛT
 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				
30115I	HALIFAX, N.S.	0	---	-	-	-	-	-	-	-	-	-	-	-	-
30116C	CFB SHEARWATER BARRINGTON & DUKE	310	---	1	2	3	3	1	2	2	2	1	2	2	2
40202C	SAINT JOHN, N.B. POST OFFICE	721	***	1	2	4	7	1	1	2	2	1	1	2	2
50102R	MONTREAL, QUEBEC														
50104C	JARDIN BOTANIQUE	167	---	6	9	10	10	6	6	7	7	6	6	7	7
50108R	1125 ONTARIO EST	728	2.9	3	5	6	7	3	4	5	5	3	4	5	5
50109C	1700 BOURASSA, LONGUEUIL	0	---	-	-	-	-	-	-	-	-	-	-	-	-
50110C	DUNCAN & DECARIE	689	3.2	4	7	9	11	4	6	7	7	4	6	7	7
50112C	PARC PILON, MTL.-NORD	571	2.9	3	6	7	9	4	5	5	6	4	5	5	6
50113R	BOUL. LAURENTIDES	729	2.1	2	5	6	7	2	4	4	4	2	4	4	4
50115C	PIE X & CARDINAL	696	2.3	3	5	7	8	3	4	5	5	3	4	5	5
50116P	1001 BOUL MAISONNEUVE O.	514	4.2	5	8	9	11	5	7	8	8	5	7	8	8
50203R	3161 JOSEPH, VERDUN	620	1.8	2	3	5	7	2	3	4	4	2	3	4	4
50203R	MULL, QUEBEC GAMBLIN & JOFFRE	726	***	1	2	3	3	1	2	2	2	1	2	2	2
50304C	QUEBEC, QUEBEC 325 DORCHESTER SUD	643	1.8	2	3	4	6	2	3	3	3	2	3	3	3
60101C	OTTAWA, ONT. 88 SLATER ST.	727	2.5	3	5	6	9	3	4	5	5	3	4	5	5
60104C	RIDEAU & WURTEMBERG	729	1.1	1	3	5	5	2	2	2	2	2	2	2	2
60105R	NRC, MONTREAL ROAD	663	1.1	1	3	4	5	1	2	2	2	1	2	2	2
60204C	WINDSOR, ONT. 471 UNIVERSITY AVENUE	538	2.4	3	5	8	8	3	4	7	7	3	4	7	7
60402R	TORONTO, ONT. DON HILLS, SCIENCE CNTR	735	2.2	3	5	6	9	3	4	4	4	3	4	4	4
60403I	EVANS & ARNOLD	730	3.2	4	6	8	11	4	5	6	6	4	5	6	6
60410R	LAWRENCE & KENNEDY	730	2.9	4	8	10	13	4	6	7	7	4	6	7	7
60412R	BATHURST & WILSON	723	2.6	3	7	9	11	3	6	7	7	3	6	7	7
60413R	ELMCREST ROAD	709	2.2	3	4	6	8	2	4	4	4	2	4	4	4
60416I	SHERBOURNE & WILTON ST.	731	3.2	4	6	8	10	4	6	7	7	4	6	7	7
60415R	QUEENSWAY W & HURONTARIO	660	2.6	3	6	7	9	3	4	4	4	3	4	4	4
60417C	26 BREADALBANE STREET	721	2.4	3	5	6	7	3	4	5	5	3	4	5	5
60501C	HAMILTON, ONT. BARTON & SANFORD	726	3.2	4	6	9	10	4	5	6	7	4	5	6	7
60505R	NORTH PARK	727	2.6	4	7	10	11	3	6	7	7	3	6	7	7
60602R	SUDSBURY, ONT. ASH STREET	725	***	1	2	2	6	1	1	2	2	1	1	2	2
60706I	SAULT STE. MARIE, ONT. FARWELL PUMP HOUSE	0	---	-	-	-	-	-	-	-	-	-	-	-	-
60901C	LONDON, ONT. KING & RECTORY	691	1.6	2	4	5	6	2	3	3	3	2	3	3	3
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	671	1.6	2	4	6	7	2	3	3	3	2	3	3	3
61201R	CORNWALL, ONT. MEMORIAL PARK	729	***	1	2	3	10	1	1	2	2	1	1	2	2
61301C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	729	2.1	2	5	6	7	2	4	5	5	2	4	5	5
61501C	KITCHENER, ONT. EDNA & FREDERICK	14	---	4	4	4	4	-	-	-	-	-	-	-	-
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	726	1.6	2	4	5	10	2	3	4	4	2	3	4	4
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	733	2.2	3	5	7	10	3	4	5	5	3	4	5	5
70118R	WINNIPEG, MAN. JEFFERSON & SCOTIA	0	---	-	-	-	-	-	-	-	-	-	-	-	-
70119C	65 ELLEN STREET	605	***	1	3	3	4	1	2	2	2	1	2	2	2
80109C	REGINA, SASK. 1620 ALBERT STREET	697	1.4	2	3	4	6	2	3	3	3	2	3	3	3
90122R	EDMONTON, ALTA. 127 ST. & 133 AVENUE	682	2.6	3	6	7	10	3	4	4	4	3	4	4	4
90130C	10255 - 104TH STREET	724	2.5	3	5	6	9	3	4	4	5	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

AUGUST - AOÛT
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
	CALGARY, ALTA.										
90222R	39 ST. & 29 AVE. N.W.	723	1.2	1	2	3	4	1	2	2	2
90227C	1611-4TH STREET S.W.	717	2.4	3	4	6	8	3	3	4	4
	VANCOUVER, B.C.										
00106R	2294 WEST 10TH AVENUE	719	2.4	3	5	6	8	3	4	4	4
00108I	250 WEST 70TH AVENUE	0	---	-	-	-	-	-	-	-	-
00110R	E. HASTINGS & KENSINGTON	359	---	3	5	5	5	3	3	4	4
00111I	ROCKY PT. PARK	725	2.0	2	4	5	6	2	3	3	3
00112C	ROBSON/HORNBY	604	2.8	3	5	6	7	3	4	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 MILLIONAUGUST - AOÛT
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			
				INTERVALS - INTERVALLES		1-HOUR / HEURE		MEANS ---- MOYENNES		24-HOUR / HEURES	
				70	95	99	MAX	70	95	99	MAX
30115I	HALIFAX, N.S.	650	1.6	2	3	4	5	2	3	3	4
30116C	CFB SHEARWATER BARRINGTON & DUKE	737	1.0	1	3	5	6	1	2	3	3
40202C	SAINT JOHN, N.B. POST OFFICE	0	---	-	-	-	-	-	-	-	-
50102R	MONTREAL, QUEBEC	632	1.7	2	5	7	8	2	3	3	3
50103R	JARDIN BOTANIQUE	0	---	-	-	-	-	-	-	-	-
50104C	POINTE-AUX-TREMBLES	679	2.1	3	5	7	9	3	4	5	5
50108R	1125 ONTARIO EST	714	1.9	3	5	6	7	2	3	4	4
50109C	1700 BOURASSA, LONGUEUIL	0	---	-	-	-	-	-	-	-	-
50110C	DUNCAN & DECARIE	648	1.5	2	5	8	9	2	4	4	4
50112C	PARC PILON, MTL.-NORD	478	2.3	3	6	10	11	3	4	4	5
50113R	BOUL. LAURENTIDES	733	2.6	4	7	10	11	3	5	5	5
50115C	PIE X & CARDINAL	615	1.0	1	3	4	7	1	2	2	2
50116R	1001 BOUL MAISONNEUVE O. 3161 JOSEPH, VERDUN	516	2.9	4	7	9	11	4	5	5	5
50304C	QUEBEC, QUEBEC	380	0.8	1	2	3	4	1	2	2	2
50306R	325 DORCHESTER SUD 2026 BLVD. ST-CYRILLE	625	2.2	3	5	6	9	3	4	4	4
60101C	OTTAWA, ONT.	738	0.6	1	2	3	6	1	2	2	2
60104C	88 SLATER ST.	724	2.1	3	5	7	10	3	4	5	5
60105R	RIDEAU & WURTEMBERG NRC, MONTREAL ROAD	724	1.6	2	4	6	7	2	3	3	5
60204C	WINDSOR, ONT.	712	3.3	5	8	10	13	4	5	6	6
60402R	471 UNIVERSITY AVENUE	739	2.4	4	7	9	11	3	4	5	5
60403I	TORONTO, ONT.	721	1.8	3	5	7	9	2	3	4	4
60410R	DON MILLS, SCIENCE CNTR	733	2.4	3	7	9	10	3	5	5	5
60413R	EVANS & ARNOLD	596	2.0	3	6	9	11	3	4	4	5
60414I	LAWRENCE & KENNEDY	702	1.7	2	5	6	8	2	4	4	4
60415R	ELMCREST ROAD	701	2.0	3	5	7	8	3	3	4	4
60417C	SHERBOURNE & WILTON ST. QUEENSWAY W & HURONTARIO 26 BREADALBANE STREET	718	2.6	3	6	8	11	3	5	5	5
60501C	HAMILTON, ONT.	728	2.6	4	6	9	9	3	5	5	5
60602R	BARTON & SANFORD	729	1.4	2	4	5	7	2	4	5	5
60706I	SUDSBURY, ONT.	712	2.5	3	5	6	7	3	5	5	5
60806R	SAULT STE. MARIE, ONT. FARWELL PUMP HOUSE	739	1.1	2	3	3	4	1	2	2	2
60901C	THUNDER BAY, ONT.	625	3.0	4	7	8	9	3	5	5	5
61004R	LONDON, ONT.	715	3.4	4	7	10	12	4	6	7	7
61201R	KING & RECTORY	724	2.7	4	6	7	7	3	5	5	5
61301C	SARNIA, ONT.	729	3.3	4	7	9	10	4	6	6	6
61501C	FRONT ST. AT C.N. TRACKS	738	2.5	3	6	8	9	3	5	6	6
61602R	CORNWALL, ONT.	736	2.2	3	5	7	8	3	4	4	4
61701R	MEMORIAL PARK	723	2.7	3	7	10	14	3	4	5	5
70118R	ST. CATHARINES, ONT.	668	2.6	4	5	6	6	3	4	4	4
70119C	NORTH ST. & GENEVA ST.	450	2.0	3	4	5	6	2	3	4	4
80109C	KITCHENER, ONT.	326	---	3	5	6	6	3	4	4	4
90122R	EDNA & FREDERICK	695	2.4	3	6	8	8	3	4	5	6
90130C	OAKVILLE, ONT.	713	1.8	3	4	5	6	2	3	3	3
	BRONTE AND WOBURN CRES.										
	OSHAWA, ONT.										
	RITSON RD. & OLIVE AVE.										
	WINNIPEG, MAN.										
	JEFFERSON & SCOTIA										
	65 ELLEN STREET										
	REGINA, SASK.										
	1620 ALBERT STREET										
	EDMONTON, ALTA.										
	127 ST. & 133 AVENUE										
	10255 - 104TH STREET										

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

OZONE PARTS PER HUNDRED MILLION		AUGUST - AOÛT 1983		OZONE PARTIES PAR CENT MILLIONS									
STATION	LOCATION	NUMBER OF	MONTHLY	FREQUENCY DISTRIBUTIONS - CENTILES -					DISTRIBUTIONS DES FREQUENCES				
	EMPLACEMENT	HOURLY SAMPLES	MEAN	INTERVALS - INTERVALLES				MEANS ---- MOYENNES					
		NOMBRE DE	MOYENNE	1-HOUR / HEURE				24-HOUR / HEURES					
		DONNEES HORAIRES	MENSUELLE	70	95	99	MAX	70	95	99	MAX		
CALGARY, ALTA.													
90222R	39 ST. & 29 AVE. N.W.	717	3.0	4	6	7	8	3	4	4	4		
90227C	1611-4TH STREET S.W.	688	2.0	3	4	5	6	2	3	3	3		
VANCOUVER, B.C.													
00106R	2294 WEST 10TH AVENUE	710	1.0	2	3	4	6	1	2	2	2		
00108I	250 WEST 70TH AVENUE	734	1.4	2	4	5	6	2	2	2	3		
00110R	E. HASTINGS & KENSINGTON	331	---	2	3	4	4	1	2	2	2		
00111I	ROCKY PT. PARK	723	1.9	3	6	8	10	2	3	3	4		
00112C	ROBSON/HORNBY	404	***	1	2	2	3	1	1	1	1		
VICTORIA, B.C.													
00302C	1250 QUADRA ST.	347	---	2	3	5	6	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.

AUGUST - AOÛT
1983

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	7405 CHAMPAGNEUR	355	0.24	0.3	0.5	0.7	0.8	0.3	0.5	0.5	0.6
50103R	POINTE-AUX-TREMBLES	283	0.22	0.3	0.5	0.8	0.9	0.2	0.4	0.4	0.4
50109C	DUNCAN & DECARIE	343	0.46	0.6	1.0	1.4	1.5	0.7	0.8	0.9	0.9
50110C	PARC PILON, MTL.-NORD	359	0.27	0.3	0.6	1.1	1.8	0.3	0.6	0.8	0.9
50115C	1001 BOUL MAISONNEUVE O.	330	0.39	0.5	0.8	1.2	1.4	0.4	0.8	0.9	1.0
50116R	3161 JOSEPH, VERDUN	324	0.15	0.2	0.4	0.5	1.2	0.2	0.3	0.4	0.4
HULL, QUEBEC											
50203R	GAMELIN & JOFFRE	0	----	-	-	-	-	-	-	-	-
TROIS-RIVIERES, QUEBEC											
50801R	HART & STE-CECILE	284	****	0.0	0.1	0.1	0.2	0.0	0.1	0.1	0.1
SHAWINIGAN, QUEBEC											
51201I	PRIGON & LAVAL	290	0.12	0.2	0.3	0.5	0.5	0.1	0.2	0.2	0.2
OTTAWA, ONT.											
50101C	88 SLATER ST.	0	----	-	-	-	-	-	-	-	-
50104C	RIDEAU & WURTEMBERG	706	(1) 0.15	0.2	0.4	0.5	1.3	0.2	0.4	0.4	0.4
WINDSOR, ONT.											
50204C	471 UNIVERSITY AVENUE	729	(1) 0.54	0.6	1.3	1.7	1.7	0.6	1.0	1.1	1.1
50211R	COLLEGE & PRINCE	730	(1) 0.48	0.6	1.1	1.4	1.8	0.6	0.8	0.9	0.9
TORONTO, ONT.											
50403I	EVANS & ARNOLD	722	(1) 0.45	0.5	1.0	1.4	2.5	0.6	0.8	0.9	0.9
50410R	LAWRENCE & KENNEDY	731	(1) 0.34	0.4	0.9	1.2	1.6	0.4	0.7	0.9	0.9
50412R	BATHURST & WILSON	730	(1) 0.63	0.9	1.7	1.9	2.1	0.9	1.2	1.5	1.5
50414I	SHERBOURNE & WILTON ST.	729	(1) 0.59	0.7	1.4	2.0	2.5	0.7	1.1	1.2	1.2
50417C	26 BREADALBANE STREET	725	(1) 0.38	0.5	0.9	1.3	1.5	0.5	0.8	1.0	1.0
HAMILTON, ONT.											
50501C	BARTON & SANFORD	732	(1) 0.45	0.6	1.1	1.4	1.8	0.6	0.8	1.0	1.0
50505R	NORTH PARK	727	(1) 0.62	0.9	1.7	2.0	2.4	0.8	1.4	1.5	1.5
SUDBURY, ONT.											
50602R	ASH STREET	722	(1) ****	0.1	0.3	0.4	0.5	0.1	0.2	0.3	0.3
LONDON, ONT.											
50901C	KING & RECTORY	728	(1) 0.31	0.4	0.8	1.3	1.4	0.4	0.7	0.7	0.8
SARNIA, ONT.											
51004R	FRONT ST. AT C.N. TRACKS	715	(1) 0.26	0.3	0.6	0.8	1.0	0.3	0.5	0.5	0.5
CORNWALL, ONT.											
51201R	MEMORIAL PARK	696	(1) 0.16	0.2	0.4	0.7	1.0	0.2	0.3	0.4	0.4
ST. CATHARINES, ONT.											
51301C	NORTH ST. & GENEVA ST.	723	(1) 0.31	0.4	0.7	1.0	1.8	0.4	0.5	0.6	0.6
OAKVILLE, ONT.											
51502R	BRONTE AND WOBURN CRES.	733	(1) 0.45	0.5	1.1	1.8	2.7	0.5	1.0	1.1	1.2
OSHAWA, ONT.											
51701R	RITSON RD. & OLIVE AVE.	722	(1) 0.26	0.3	0.7	1.0	1.2	0.3	0.6	0.7	0.7
WINNIPEG, MAN.											
70118R	JEFFERSON & SCOTIA	352	****	0.1	0.3	0.5	0.8	0.1	0.2	0.2	0.2
70119C	65 ELLEN STREET	322	0.17	0.2	0.4	0.8	1.1	0.2	0.3	0.4	0.4
70120R	604 ST. MARY'S RD.	335	****	0.0	0.2	0.5	1.1	0.0	0.1	0.3	0.3
EDMONTON, ALTA.											
90122R	127 ST. & 133 AVENUE	724	(1) 0.25	0.3	0.7	1.1	1.9	0.3	0.5	0.6	0.6
90130C	10255 - 104TH STREET	744	(1) 0.27	0.3	0.7	1.1	1.5	0.3	0.5	0.6	0.7
CALGARY, ALTA.											
90218I	BONNY BRK & 18A ST. S.E.	719	(1) 0.23	0.3	0.7	0.9	1.6	0.3	0.4	0.6	0.6
90222R	39 ST. & 29 AVE. N.W.	720	(1) ****	0.1	0.3	0.4	0.5	0.1	0.1	0.2	0.2
90227C	1611-4TH STREET S.W.	744	(1) 0.30	0.4	0.7	1.0	1.4	0.3	0.5	0.5	0.6
VANCOUVER, B.C.											
00102R	100 RICHMOND STREET	0	----	-	-	-	-	-	-	-	-
00106R	2294 WEST 10TH AVENUE	0	----	-	-	-	-	-	-	-	-
00108I	250 WEST 70TH AVENUE	0	----	-	-	-	-	-	-	-	-
00110R	E. HASTINGS & KENSINGTON	0	----	-	-	-	-	-	-	-	-
00111I	ROCKY PT. PARK	0	----	-	-	-	-	-	-	-	-
00112C	ROBSON/HORNBY	0	----	-	-	-	-	-	-	-	-
PRINCE GEORGE, B.C.											
00202C	1011 4TH AVENUE	0	----	-	-	-	-	-	-	-	-

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

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

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

SOILING INDEX
COH UNITS PER 1000 LINEAR FT.

AUGUST - AOÛT
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 METREAUGUST - AOÛT
1983PLOMB 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	
10101C	ST. JOHN'S, Nfld. DUCKWORTH & ORDINANCE	-	-	-	-	-	-	-	-	-	-	-	-
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	-	19	24	20	26	22	-	0.0	0.1	0.1	0.1	0.1
30101C	HALIFAX, N.S. N.S. TECHNICAL COLLEGE	42	57	-	58	38	49	0.2	0.2	-	0.1	0.1	0.1
30102R	DALHOUSIE UNIVERSITY	25	23	-	15	26	22	0.2	0.1	-	0.1	0.1	0.1
30114R	MT ST VINCENT UNIVERSITY	28	22	14	13	24	20	0.1	0.1	0.1	0.0	0.1	0.1
30115I	CFB SHEARWATER	24	26	14	17	-	20	0.1	0.1	0.0	0.0	-	0.0
30310C	SYDNEY, N.S. COUNTY JAIL	27	18	23	23	18	22	0.2	0.2	0.3	0.2	0.0	0.2
30311R	WHITNEY PIER FIRE STN.	44	32	-	-	25	34	0.3	0.2	-	-	0.1	0.2
30408R	GLACE BAY, N.S. SOUTH STREET	37	-	-	-	38	-	0.0	-	-	-	0.0	-
40102C	FREDERICTON, N.B. YORK STREET	49	31	55	27	36	40	0.3	0.2	0.3	0.2	0.1	0.2
40201C	SAINT JOHN, N.B. 110 CHARLOTTE STREET	-	-	39	28	36	34	-	-	0.1	0.1	0.1	0.1
50102R	MONTREAL, QUEBEC JARDIN BOTANIQUE	42	36	40	36	42	39	0.1	0.1	0.1	0.2	0.1	0.1
50103R	POINTE-AUX-TREMBLES	76	47	94	53	48	64	-	-	-	-	-	-
50104C	1125 ONTARIO EST	74	50	60	47	55	57	0.7	0.5	0.3	0.5	0.5	0.5
50105R	1700 BOURASSA, LONGUEUIL	58	38	47	-	-	48	0.1	0.2	0.1	-	-	0.1
50109C	DUNCAN & DECARIE	114	58	143	86	67	94	1.1	0.4	1.5	0.9	0.9	1.0
50110C	PARC PILON, MTL.-NORD	55	36	48	37	32	42	-	-	-	-	-	-
50112C	BOUL. LAURENTIDES	73	53	54	56	53	58	0.2	0.2	0.1	0.2	0.2	0.2
50113R	PIE X & CARDINAL	44	30	48	77	58	51	0.1	0.1	-	0.3	0.1	0.2
50116R	3161 JOSEPH, VERDUN	95	116	160	41	54	93	0.4	0.4	0.4	0.4	0.5	0.4
50203R	HULL, QUEBEC GAMBLIN & JOFFRE	51	27	58	30	45	42	0.3	0.1	0.2	0.2	0.1	0.2
50203I	QUEBEC, QUEBEC CENTRE LOISIRS LIMOILLOU	87	47	119	63	85	80	0.1	0.2	0.3	0.4	0.2	0.2
50306R	2026 BLVD. ST-CYRILLE	35	-	72	41	-	49	0.1	-	0.2	0.3	-	0.2
50403C	SHERBROOKE, QUEBEC WELLINGTON & ALBERT	-	49	-	-	45	-	-	0.2	-	-	0.2	-
50502R	CHICOUTIMI, QUEBEC USINE DE FILTRATION	52	41	-	34	30	39	0.1	0.1	-	-	0.1	0.1
50503C	222 RACINE	64	38	112	-	47	65	0.3	0.2	0.5	-	0.2	0.3
50601C	ROUYN, QUEBEC HOTEL DE VILLE	72	46	90	52	25	57	1.5	0.1	0.2	0.9	0.2	0.6
50701C	SEPT-ILES, QUEBEC HOTEL DE VILLE	-	95	26	17	27	41	-	0.3	0.2	-	0.1	0.2
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	61	54	91	41	60	61	0.2	0.3	0.2	0.2	0.2	0.2
50901R	ARVIDA, QUEBEC POWELL & HOOPES	29	18	-	-	-	-	0.1	-	-	-	-	-
51002R	TRACY, QUEBEC GARNEAU & RTE 132	43	34	81	45	56	52	0.1	0.1	0.1	0.2	0.2	0.1
51101C	THETFORD KINGS, QUEBEC BOUL. STE-MARTHE	56	25	66	69	31	49	0.2	0.1	0.2	0.3	0.1	0.2
51201I	SHAWINIGAN, QUEBEC FRIGON & LAVAL	100	95	274	228	78	155	0.2	0.2	0.2	0.1	0.1	0.2
51301R	BAIE COMEAU, QUEBEC 39 AVE. MARGUERITE	22	60	54	25	17	36	0.1	0.1	0.1	-	-	0.1
60101C	OTTAWA, ONT. 88 SLATER ST.	51	33	81	89	29	57	0.3	0.2	0.4	0.3	0.2	0.3
60104C	RIDEAU & WURTEMBURG	36	18	59	-	-	38	0.1	0.1	0.2	-	-	0.1
60105R	NRC, MONTREAL ROAD	-	39	71	15	39	41	-	0.1	0.3	0.2	0.1	0.2
60201I	WINDSOR, ONT. MORTON TERMINAL DOCK	75	43	75	69	56	64	0.2	0.0	0.0	0.0	0.0	0.0
60202C	CITY HALL	83	51	87	63	58	68	0.2	0.2	0.3	0.2	0.2	0.2
60203R	TECUMSEH WATER WORKS	22	15	45	43	46	34	-	-	0.0	0.0	0.0	0.0
60204C	471 UNIVERSITY AVENUE	76	33	99	54	53	63	0.3	0.1	0.4	0.2	0.2	0.2
60301R	KINGSTON, ONT. QUEEN'S UNIVERSITY	-	-	-	-	-	-	-	-	-	-	-	-
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	64	30	78	37	34	49	0.3	0.2	0.6	0.2	0.3	0.3
60403I	EVANS & ARNOLD	42	53	27	68	50	48	0.1	0.4	0.2	0.4	0.4	0.3
60409R	REDLANDS CRESCENT	50	19	40	38	29	35	0.0	0.0	0.0	0.0	0.0	0.0

SUSPENDED PARTICULATE MATTER AND LEAD
MICROGRAMS PER CUBIC METREAUGUST - AOÛT
1983PLOMB 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	
60410R	LAWRENCE & KENNEDY	56	25	-	51	33	41	0.2	0.1	-	0.4	0.3	0.3
60412R	BATHURST & WILSON	82	48	-	26	37	48	1.5	1.1	-	0.1	0.7	0.9
60413R	ELMCREST ROAD	39	35	108	29	52	53	0.1	0.3	0.9	0.2	0.4	0.4
60414I	SHERBOURNE & WILTON ST.	106	73	152	76	51	92	0.5	0.4	0.8	0.3	0.2	0.4
60415R	QUEENSWAY W & HURONTARIO	52	61	114	94	52	75	0.0	0.0	0.4	0.2	0.0	0.1
60417C	26 BREADALBANE STREET	83	42	116	51	46	68	0.4	0.2	0.4	0.3	0.5	0.4
HAMILTON, ONT.													
60501C	BARTON & SANFORD	155	75	158	80	-	117	0.7	0.4	0.7	0.3	-	0.5
60503I	CHATHAM & FRID	96	67	147	64	64	88	0.3	0.4	0.3	0.3	0.2	0.3
60505R	NORTH PARK	103	39	99	48	37	65	0.3	0.2	0.6	0.6	0.2	0.4
SUDBURY, ONT.													
60602R	ASH STREET	22	23	55	17	24	28	0.1	0.2	0.2	0.1	0.1	0.1
60605C	19 LISGAR STREET	34	33	71	28	30	39	0.4	0.3	0.2	0.3	0.3	0.3
SAULT STE. MARIE, ONT.													
60705R	550 QUEEN STREET WEST	39	48	55	39	60	48	0.1	0.2	0.1	0.1	0.2	0.1
60706I	FARWELL PUMP HOUSE	-	-	-	-	-	-	-	-	-	-	-	-
THUNDER BAY, ONT.													
60801C	14 ALGOMA STREET	44	18	57	21	31	34	-	-	-	-	-	-
60806R	435 JAMES S.	-	14	57	25	27	31	-	-	-	-	-	-
LONDON, ONT.													
60901C	KING & RECTORY	49	58	78	34	89	62	0.3	0.2	0.3	0.2	0.4	0.3
60902C	372 DUNDAS	49	31	61	26	30	39	0.2	0.3	0.4	0.0	0.0	0.2
SARNIA, ONT.													
61004R	FRONT ST. AT C.N. TRACKS	63	34	97	57	46	59	0.3	0.2	0.6	0.1	0.1	0.3
PETERBOROUGH, ONT.													
61103C	500 GEORGE STREET	45	78	72	39	30	53	0.2	0.1	0.3	0.1	0.3	0.2
CORNWALL, ONT.													
61201R	MEMORIAL PARK	-	-	-	-	-	-	-	-	-	-	-	-
ST. CATHARINES, ONT.													
61301C	NORTH ST. & GENEVA ST.	76	67	107	68	44	72	0.3	0.1	0.5	0.4	0.3	0.3
KITCHENER, ONT.													
61501C	EDNA & FREDERICK	63	-	93	41	30	57	0.6	-	0.9	0.3	0.5	0.6
OAKVILLE, ONT.													
61602R	BRONTE AND WOBURN CRES.	59	24	79	36	31	46	0.1	0.1	0.4	0.2	0.2	0.2
OSHAWA, ONT.													
61701R	RITSON RD. & OLIVE AVE.	73	32	79	40	32	51	0.5	0.2	0.4	0.1	0.0	0.2
GUELPH, ONT.													
61801C	PARQUHAR & WYNDHAM	52	28	65	35	21	40	0.2	0.1	0.3	0.2	0.1	0.2
WINNIPEG, MAN.													
70102R	PORTAGE & WOODLAWN	98	83	64	102	61	82	0.1	0.4	0.4	0.8	0.5	0.5
70104I	UNION STOCK YARDS	-	-	68	-	37	-	-	-	0.2	-	0.1	-
70118R	JEFFERSON & SCOTIA	87	50	44	44	39	53	0.2	0.1	0.3	0.2	0.1	0.2
70119C	65 ELLEN STREET	119	84	73	78	49	81	0.2	0.2	0.5	0.4	0.2	0.3
70120R	604 ST. MARY'S RD.	71	42	51	45	33	48	0.1	0.1	0.4	0.2	0.1	0.2
BRANDON, MAN.													
70201C	11TH ST. & PRINCESS AVE.	101	93	68	79	66	81	0.1	0.3	0.3	0.2	0.3	0.2
REGINA, SASK.													
80102R	3211 ALBERT STREET	54	19	124	59	86	68	0.4	0.1	0.2	0.1	0.3	0.2
80108C	12TH AVE. & SMITH ST.	-	-	-	-	-	-	-	-	-	-	-	-
80109C	1620 ALBERT STREET	108	98	89	68	96	92	0.6	0.3	0.3	0.6	0.4	0.5
SASKATOON, SASK.													
80203R	30TH ST. & 833 P AVE.	74	67	61	107	65	75	0.1	0.1	0.1	0.2	0.3	0.2
80209C	IDYLWYLD DR. & 33RD ST.	86	79	-	86	70	80	0.2	0.1	-	0.5	0.3	0.3
MOOSE JAW, SASK.													
80301C	FAIRFORD ST. & 1ST AVE.	119	74	115	64	74	89	0.2	0.2	0.2	0.3	0.1	0.2
PRINCE ALBERT, SASK.													
80401C	1257-1ST AVE. EAST	-	-	-	-	-	-	-	-	-	-	-	-
LLOYDMINSTER, SASK.													
80601C	44TH ST. & 48TH AVE.	-	-	110	61	86	86	-	-	0.2	0.1	0.1	0.1
EDMONTON, ALTA.													
90121I	17 STREET & 105 AVENUE	44	79	99	119	58	80	-	-	-	-	-	-
90122R	127 ST. & 133 AVENUE	90	114	89	86	70	90	-	-	-	-	-	-
90130C	10255 - 104TH STREET	62	104	110	86	51	83	-	-	-	-	-	-
CALGARY, ALTA.													
90204C	316-7TH AVENUE	47	111	91	146	57	90	-	-	-	-	-	-
90218I	BONNY BRK & 18A ST. S.E.	96	140	151	118	250	151	-	-	-	-	-	-
90222R	39 ST. & 29 AVE. N.W.	129	87	77	47	24	73	-	-	-	-	-	-

SUSPENDED PARTICULATE MATTER AND LEAD
MICROGRAMS PER CUBIC METRE

AUGUST - AOÛT
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
		4	10	16	22	28		4	10	16	22	28	
99001C	YELLOWKNIFE, N.W.T. 50TH AVE. & 49TH STREET	78	-	-	188	130	132	0.0	-	-	0.2	0.1	0.1
	VANCOUVER, B.C.												
00102R	100 RICHMOND STREET	55	35	48	-	20	40	0.7	0.3	0.4	-	0.2	0.4
00104R	27TH & ONTARIO	38	48	36	-	17	35	0.6	0.5	0.3	-	0.3	0.4
00106R	2294 WEST 10TH AVENUE	40	47	47	71	16	44	0.5	0.4	0.3	0.7	0.3	0.4
00108I	250 WEST 70TH AVENUE	51	61	47	-	28	47	0.5	0.4	0.3	-	0.1	0.3
00109C	970 BURRARD	87	53	56	86	23	61	0.7	0.8	0.7	0.9	0.3	0.7
00110R	E. HASTINGS & KENSINGTON	-	36	47	63	18	41	-	0.3	0.4	0.6	0.2	0.4
00111I	ROCKY PT. PARK	-	28	48	73	18	42	-	0.3	0.3	0.5	0.2	0.3
00113I	ANNACIS ISLAND, DELTA	60	35	43	46	29	43	0.3	0.2	0.1	0.2	0.1	0.2
00114C	MUNICIPAL HALL, RICHMOND	31	-	35	-	23	30	0.6	-	0.4	-	0.2	0.4
00115R	NEWTON ELEM. SCH., SURREY	38	27	33	42	18	32	0.4	0.2	0.3	0.5	0.2	0.3
00116R	FIRE HALL, N. VANCOUVER	33	50	50	59	20	42	1.1	0.5	0.6	0.7	0.3	0.6
00117R	BCIT BURNABY	41	34	45	-	17	34	0.8	0.4	0.7	-	0.3	0.5
00202C	PRINCE GEORGE, B.C. 1011 4TH AVENUE	-	130	59	215	60	116	-	0.2	0.2	0.4	0.3	0.2
00302C	VICTORIA, B.C. 1250 QUADRA ST.	42	25	21	32	27	29	0.7	0.2	0.2	0.6	0.4	0.4
00401C	KAMLOOPS, B.C. 301 SEYMOUR ST.	-	-	-	-	-	-	-	-	-	-	-	-
00601C	PENTICTON, B.C. 400 CARMICHAEL AVE.	39	34	21	-	29	31	0.3	0.2	0.2	-	0.1	0.2
00901C	WHITEHORSE, YUKON FEDERAL BUILDING	39	40	42	28	46	39	0.2	0.2	0.2	0.1	0.2	0.2

COMBINATION OF SULPHUR DIOXIDE AND
SUSPENDED PARTICULATES
1000*(MICROGRAMS/CU.METRE)**2AUGUST - AOÛT
1983DIOXYDE 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	-	-	-	0	0
30115I	CPB SHEARWATER	0	0	0	1	-
30310C	SYDNEY, N.S. COUNTY JAIL	0	0	0	0	0
30311R	WHITNEY PIER FIRE STN.	-	-	-	-	-
30408R	GLACE BAY, N.S. SOUTH STREET	0	-	-	-	-
50102R	MONTREAL, QUEBEC JARDIN BOTANIQUE	0	1	0	0	1
50103R	POINTE-AUX-TREMBLES	-	0	5	0	0
50104C	1125 ONTARIO EST	1	0	0	-	-
50108R	1700 BOURASSA, LONGUEUIL	1	1	1	-	-
50109C	DUNCAN & DECARIE	0	0	1	0	-
50110C	PARC PILON, MTL.-NORD	1	0	0	-	0
50112C	BOUL. LAURENTIDES	-	-	-	-	-
50113R	PIE X & CARDINAL	0	0	0	0	0
50116R	3161 JOSEPH, VERDUN	1	1	1	0	1
50203R	HULL, QUEBEC GAMBLIN & JOFFRE	1	0	1	-	1
50303I	QUEBEC, QUEBEC CENTRE LOISIRS LIMOILLOU	7	0	0	0	12
50306R	2026 BLVD. ST-CYRILLE	0	-	1	1	-
50601C	ROUYN, QUEBEC HOTEL DE VILLE	10	0	1	0	0
50701C	SEPT-ILES, QUEBEC HOTEL DE VILLE	-	0	0	0	0
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	0	0	2	0	0
50901R	ARVIDA, QUEBEC POWELL & HOOPE	0	0	-	-	-
51201I	SHAWINIGAN, QUEBEC FRIGON & LAVAL	2	3	4	3	1
51301R	BAIE COMEAU, QUEBEC 39 AVE. MARGUETTE	1	13	1	5	0
60101C	OTTAWA, ONT. 88 SLATER ST.	1	0	1	0	0
60104C	RIDEAU & WURTEMBERG	0	0	0	-	-
60105R	NRC, MONTREAL ROAD	-	0	0	0	0
60201I	WINDSOR, ONT. MORTON TERMINAL DOCK	1	1	3	2	0
60204C	471 UNIVERSITY AVENUE	3	0	4	1	1
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	2	0	2	-	1
60403I	EVANS & ARNOLD	0	0	0	0	-
60409R	REDLANDS CRESCENT	-	-	-	-	-
60410R	LAWRENCE & KENNEDY	0	0	-	0	0
60412R	BATHURST & WILSON	3	0	-	0	-
60413R	ELMCREST ROAD	1	0	3	0	2
60414I	SHERBOURNE & WILTON ST.	1	-	0	0	0
60415R	QUEENSWAY W & HURONTARIO	1	1	4	0	2
60417C	26 BREADALBANE STREET	0	0	3	0	0
60501C	HAMILTON, ONT. BARTON & SANFORD	3	3	14	3	-
60505R	NORTH PARK	8	3	1	0	0
60602R	SUDBURY, ONT. ASH STREET	0	0	0	0	1
60706I	SAULT STE. MARIE, ONT. FARNWELL PUMP HOUSE	-	-	-	-	-
60806R	THUNDER BAY, ONT. 435 JAMES S.	-	0	0	-	0
60901C	LONDON, ONT. KING & RECTORY	0	0	1	0	0

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

AUGUST - AOÛT
1983

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	1	8	0	0
61103C	PETERBOROUGH, ONT. 500 GEORGE STREET	-	-	-	-	-
61201R	CORNWALL, ONT. MEMORIAL PARK	-	-	-	-	-
61301C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	0	0	2	0	1
61501C	KITCHENER, ONT. EDNA & FREDERICK	0	-	2	0	0
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	0	0	1	0	0
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	0	0	1	0	0
61801C	GUELPH, ONT. FARQUHAR & WYNDHAM	-	-	-	-	-
70118R	WINNIPEG, MAN. JEFFERSON & SCOTIA	0	-	-	0	0
70119C	65 ELLEN STREET	0	0	0	1	-
70120R	604 ST. MARY'S RD.	0	0	0	0	0
80109C	REGINA, SASK. 1620 ALBERT STREET	0	1	0	0	0
80209C	SASKATOON, SASK. IDYLWYLD DR. & 33RD ST.	-	-	-	-	-
80301C	MOOSE JAW, SASK. FAIRFORD ST. & 1ST AVE.	-	-	-	-	-
80401C	PRINCE ALBERT, SASK. 1257-1ST AVE. EAST	-	-	-	-	-
90121I	EDMONTON, ALTA. 17 STREET & 105 AVENUE	0	0	0	0	0
90218I	CALGARY, ALTA. BONNY BRK & 18A ST. S.E.	0	1	1	1	1
00106R	VANCOUVER, B.C. 2294 WEST 10TH AVENUE	0	1	1	1	0
00110R	E. HASTINGS & KENSINGTON	-	1	0	-	0
00111I	ROCKY PT. PARK	-	0	-	1	0
00302C	VICTORIA, B.C. 1250 QUADRA ST.	0	-	-	-	-
00401C	KAMLOOPS, B.C. 301 SEYMOUR ST.	-	-	-	-	-

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

AUGUST - AOÛT
1983

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

STATION	LOCATION EMPLACEMENT	DUSTFALL RETOMBÉES DE POUSSIÈRES	503
	SYDNEY, N.S.		
30301R	MURPHY ROAD	2.2	- **
30309I	PT EDWARD, RICHMOND PLST	4.9	0.2 **
30310C	COUNTY JAIL	4.0	- **
30311R	WHITNEY PIER FIRE STN.	6.6	- **
	GLACE BAY, N.S.		
30401R	LAKE ROAD	12.7	0.1 **
30405C	GENERAL HOSPITAL	-	- **
	MONTREAL, QUEBEC		
50101R	7405 CHAMPAGNEUR	3.0	-
50102R	JARDIN BOTANIQUE	3.0	- *
50103R	POINTE-AUX-TREMBLES	2.0	-
	TORONTO, ONT.		
60403I	EVANS & ARNOLD	6.3	-
60404R	5126 YONGE STREET	4.2	-
60405I	JOHN STREET PUMP STATION	8.0	-
60406R	ROSEHILL RESERVOIR	3.2	-
60408C	DANFORTH & ROBINSON	5.0	-
	HAMILTON, ONT.		
60501C	BARTON & SANFORD	6.5	-
60502I	BURLINGTON & GAGE	15.3	-
60503I	CHATHAM & FRID	7.5	-
60507C	HUGHSON & HUNTER	5.3	-
60510I	STRATHEARN	45.1	-
	SAULT STE. MARIE, ONT.		
60702R	ANNA MCREE PUBLIC SCHOOL	2.9	-
60703I	BAYVIEW & YOUNG	11.7	-
	THUNDER BAY, ONT.		
60801C	14 ALGOMA STREET	-	-
	WINNIPEG, MAN.		
70105R	MARTIN & HENDERSON HWY	7.3	0.1 **
70110C	KENNEDY & ST. MARY'S	7.0	-
70113I	WINDERMERE & ROCKMAN	7.5	0.1 **
70115C	PORTAGE & MINTO	6.8	0.1 **
70116I	SMITH & KING	8.9	0.1 **
	EDMONTON, ALTA.		
90125C	PRINS ELIZABETH & 102 ST	5.7	0.1 **
90126R	77 AVENUE & 85 STREET	8.3	0.1 **
90127I	115 AVENUE & 159 STREET	12.9	0.1 **
90128R	99 AVENUE & 160 STREET	8.8	0.1 **
	CALGARY, ALTA.		
90219C	620-7TH AVENUE, S.W.	5.3	0.1 **
90221R	DALHOUSIE DR & DALHAM DR	5.5	0.0 **
90223C	11 ST. & 38 AVE. S.E.	10.6	0.1 **
90224I	OGDENDALE & 71 AVE S.E.	11.2	0.2 **
90225R	PALLISER DR & OAKWOOD SW	8.2	0.0 **
90226I	SHEPPARD & 84 AVE S.E.	4.5	0.2 **

Environment Canada - Environnement Canada

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

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

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