

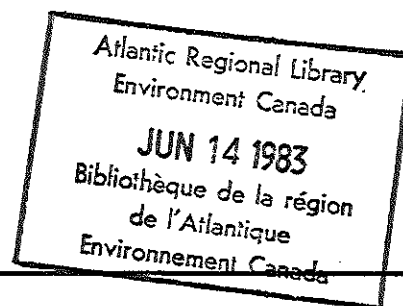


Environment
Canada

Environmental
Protection
Service

Environnement
Canada

Service de la
protection de
l'environnement



Monthly Summary August 1982

National Air Pollution Surveillance

Surveillance nationale de la pollution atmosphérique

Extrait mensuel août 1982

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Surveillance Report
EPS 5-AP-82-8

Environmental Protection
Programs Directorate

Rapport de surveillance
EPS 5-AP-82-8

Direction générale des
programmes environnementaux

Canada

SULPHUR DIOXIDE
PARTS PER HUNDRED MILLIONAUGUST - AOÛT
1982DIOXYDE DE SOUFRE
PARTIES PAR CENT MILLIONS

STATION	LOCATION EMPLACEMENT	NUMBER OF HOURLY SAMPLES NOMBRE DE DONNEES HORAIRES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS - CENTILES				DISTRIBUTIONS DES FREQUENCES			
				INTERVALS - INTERVALLES				MEANS ---- MOYENNES			
				1-HOUR / HEURE				24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX
10101C	ST. JOHN'S, NFLD. DUCKWORTH & ORDINANCE	734	***	1	1	2	6	1	1	1	1
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	656	***	0	1	2	3	0	1	1	1
30114R	HALIFAX, N.S. MT ST VINCENT UNIVERSITY	355	---	0	0	1	2	0	0	0	0
30115I	CFB SHEARWATER	614	***	0	2	4	9	1	1	2	2
30116C	BARRINGTON & DUKE	590	***	1	2	2	4	1	1	2	2
30310C	SYDNEY, N.S. COUNTY JAIL	594	***	0	1	2	7	0	1	1	1
30311R	WHITNEY PIER FIRE STN.	0	---	-	-	-	-	-	-	-	-
30408R	GLACE BAY, N.S. SOUTH STREET	680	1.1	1	6	14	18	1	4	6	6
40202C	SAINT JOHN, N.B. POST OFFICE	720	***	0	0	0	0	0	0	0	0
50101R	MONTREAL, QUEBEC PARC JARRY	680	***	1	2	2	8	1	1	2	2
50102R	JARDIN BOTANIQUE	444	***	0	1	1	9	0	1	1	1
50103R	POINTE-AUX-TREMBLES	700	2.3	2	9	16	22	3	7	9	9
50104C	1125 ONTARIO EST	703	***	1	1	3	5	1	1	1	2
50106R	VILLE ST-LAURENT	657	***	0	1	2	4	0	1	1	1
50108R	1700 BOURASSA, LONGUEUIL	137	---	0	0	1	1	0	0	0	0
50109C	DUNCAN & DECARIE	742	***	0	1	2	4	0	1	1	1
50110C	PARC PILON, MTL.-NORD	593	***	1	1	2	9	1	1	1	1
50112C	BOUL. LAURENTIDES	519	***	0	1	1	3	0	0	1	1
50113R	PIE X & CARDINAL	579	***	0	1	1	2	0	0	1	1
50115C	1001 BOUL MAISONNEUVE O.	717	***	1	2	3	9	1	1	2	2
50116R	3161 JOSEPH, VERDUN	743	***	0	1	1	3	0	0	1	1
50203R	HULL, QUEBEC GAMELIN & JOFFRE	698	***	0	1	1	1	0	0	1	1
50303I	QUEBEC, QUEBEC CENTRE LOISIRS LIMOILLOU	562	3.1	1	22	33	58	1	18	21	22
50304C	325 DORCHESTER SUD	642	1.5	0	9	26	60	1	7	15	16
50306R	2026 BLVD. ST-CYRILLE	663	***	1	3	10	14	1	2	3	3
50601C	ROUYN, QUEBEC HOTEL DE VILLE	669	1.1	0	5	31	49	0	7	13	17
50701C	SEPT-ILES, QUEBEC HOTEL DE VILLE	389	***	0	0	1	3	0	0	0	0
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	650	***	0	1	4	5	0	1	2	2
50901R	ARVIDA, QUEBEC POWELL & HOOPES	327	---	0	5	9	12	1	4	6	6
51001R	TRACY, QUEBEC 3225 AVE COURSHESNE	604	***	0	1	6	21	0	2	3	3
51201I	SHAWINIGAN, QUEBEC FRIGON & LAVAL	450	***	0	2	6	7	0	2	3	3
51301R	BAIE COMEAU, QUEBEC 39 AVE. MARGUETTE	683	***	0	5	17	37	1	4	4	4
60101C	OTTAWA, ONT. 88 SLATER ST.	741	***	1	2	4	10	1	1	2	2
60104C	RIDEAU & WURTEMBERG	732	***	0	1	2	6	0	1	1	1
60105R	NRC, MONTREAL ROAD	674	***	0	1	1	2	1	1	1	1
60201I	WINDSOR, ONT. MORTON TERMINAL DOCK	741	***	1	3	4	6	1	2	2	2
60204C	471 UNIVERSITY AVENUE	703	***	1	4	6	8	1	2	3	3
60211R	COLLEGE & PRINCE	612	***	1	4	7	11	1	2	5	5
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	641	1.1	1	3	4	5	1	2	2	2
60403I	EVANS & ARNOLD	661	***	0	1	1	2	0	0	1	1
60409R	REDLANDS CRESCENT	472	***	0	1	2	4	0	1	1	1
60410R	LAWRENCE & KENNEDY	732	***	0	1	2	3	0	1	1	1
60412R	BATHURST & WILSON	731	***	1	3	6	11	1	3	3	4
60413R	ELMCREST ROAD	725	***	0	1	3	10	0	1	2	2
60414I	SHERBOURNE & WILTON ST.	731	***	0	0	1	8	0	0	1	1
60415R	QUEENSWAY W & HURONTARIO	736	***	0	1	1	7	0	1	1	1
60417C	26 BREADALBANE STREET	727	***	0	1	2	4	0	1	1	1

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

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

SULPHUR DIOXIDE
PARTS PER HUNDRED MILLIONAUGUST - AOÛT
1982DIOXYDE DE SOUFRE
PARTIES PAR CENT MILLIONS

STATION	LOCATION EMPLACEMENT	NUMBER OF HOURLY SAMPLES NOMBRE DE DONNEES HORAIRES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS - CENTILES -				DISTRIBUTIONS DES FREQUENCES			
				INTERVALS - INTERVALLES				MEANS ---- MOYENNES			
				1-HOUR / HEURE				24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX
60501C	HAMILTON, ONT. BARTON & SANFORD	733	1.1	1	5	7	10	1	3	4	4
60505R	NORTH PARK	718	1.3	1	5	7	17	2	4	5	5
60602R	SUDBURY, ONT. ASH STREET	710	***	1	2	3	20	1	2	3	3
60606C	KENNEDY STREET	699	***	0	1	2	2	0	1	1	1
60704C	SAULT STE. MARIE, ONT. QUEEN & ELGIN	694	***	0	1	2	6	0	1	1	1
60806R	THUNDER BAY, ONT. 435 JAMES S.	721	***	0	0	0	1	0	0	0	0
60901C	LONDON, ONT. KING & RECTORY	730	***	0	1	1	4	0	0	1	1
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	596	***	0	3	11	21	1	2	6	6
61103C	PETERBOROUGH, ONT. 500 GEORGE STREET	744	***	0	0	0	0	0	0	0	0
61201R	CORNWALL, ONT. MEMORIAL PARK	730	***	1	2	3	8	1	1	1	2
61301C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	730	***	0	1	2	5	0	1	1	1
61501C	KITCHENER, ONT. EDNA & FREDERICK	736	***	0	0	1	2	0	0	0	0
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	725	***	1	4	7	8	1	3	4	4
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	725	***	0	1	1	2	0	1	1	1
61801C	GUELPH, ONT. PARQUER & WYNDHAM	618	***	0	0	1	1	0	0	0	0
70118R	WINNIPEG, MAN. JEFFERSON & SCOTIA	392	***	0	0	1	1	0	0	0	0
70119C	65 ELLEN STREET	639	***	0	1	2	2	0	1	1	1
70120R	604 ST. MARY'S RD.	310	---	0	0	0	3	0	0	0	0
80109C	REGINA, SASK. 1620 ALBERT STREET	634	***	0	0	1	1	0	0	0	0
80209C	SASKATOON, SASK. IDYLLWYLD DR. & 33RD ST.	439	***	0	0	0	2	0	0	0	0
80301C	MOOSE JAW, SASK. FAIRFORD ST. & 1ST AVE.	252	---	0	0	0	0	0	0	0	0
80401C	PRINCE ALBERT, SASK. 1257-1ST AVE. EAST	676	***	0	0	0	1	0	0	0	0
90121I	EDMONTON, ALTA. 17 STREET & 105 AVENUE	505	***	0	1	1	1	0	1	1	1
90218I	CALGARY, ALTA. BONNY BRK & 18A ST. S.E.	699	***	0	1	1	2	0	1	1	1
00106R	VANCOUVER, B.C. 2294 WEST 10TH AVENUE	720	***	1	1	1	3	1	1	1	1
00110R	E. HASTINGS & KENSINGTON	737	***	1	2	3	5	1	1	2	2
00111I	ROCKY PT. PARK	571	***	1	1	2	2	1	1	1	1
00112C	ROBSON/HORNBY	78	---	1	1	2	2	1	1	1	1
00302C	VICTORIA, B.C. 1106 COOK ST.	516	***	0	1	1	2	0	0	0	0
00401C	KAMLOOPS, B.C. 301 SEYMOUR ST.	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
1982MONOXYDE DE CARBONE
PARTIES PAR MILLION

STATION	LOCATION EMPLACEMENT	NUMBER OF HOURLY SAMPLES NOMBRE DE DONNEES HORAIRES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS - CENTILES - DISTRIBUTIONS DES FREQUENCES				MEANS - MOYENNES				DISTRIBUTIONS DES FREQUENCES			
				INTERVALS - INTERVALLES				MEANS - MOYENNES				DISTRIBUTIONS DES FREQUENCES			
				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	701	0.5	1	1	2	3	1	1	1	1	1	1	1	1
30116C	HALIFAX, N.S. BARRINGTON & DUKE	0	---	-	-	-	-	-	-	-	-	-	-	-	-
40202C	SAINT JOHN, N.B. POST OFFICE	744	***	0	1	3	7	0	1	2	3	0	1	1	1
50102R	MONTREAL, QUEBEC JARDIN BOTANIQUE	736	0.9	1	2	4	6	1	2	3	3	1	2	2	2
50103R	POINTE-AUX-TREMELES	738	1.0	1	2	2	4	1	2	2	3	1	1	2	2
50104C	1125 ONTARIO EST	744	2.3	3	4	5	6	3	4	4	5	3	3	4	4
50108R	1700 BOURASSA, LONGUEUIL	698	0.7	1	2	3	35	1	2	6	7	1	2	3	3
50109C	DUNCAN & DECARIE	742	2.0	3	5	8	11	3	4	5	6	3	4	4	4
50110C	PARC PILON, MTL.-NORD	719	0.9	1	3	4	9	1	3	3	4	1	2	3	3
50112C	BOUL. LAURENTIDES	697	***	0	1	3	5	0	1	2	2	0	1	1	1
50113R	PIE X & CARDINAL	621	***	1	1	2	4	1	1	1	2	1	1	1	1
50115C	1001 BOUL MAISONNEUVE O.	744	2.5	3	5	6	10	3	5	5	6	3	4	4	4
50116R	3161 JOSEPH, VERDUN	728	***	1	1	2	3	1	1	2	2	1	1	1	1
50203R	HULL, QUEBEC GAMBLIN & JOFFRE	744	***	1	1	2	5	1	1	2	2	1	1	1	1
50304C	QUEBEC, QUEBEC 325 DORCHESTER SUD	711	1.1	1	3	4	5	1	2	3	3	1	2	2	2
60101C	OTTAWA, ONT. 88 SLATER ST.	697	1.8	3	5	7	8	3	4	5	6	2	3	4	4
60104C	RIDEAU & WURTEMBERG	729	0.9	1	1	2	4	1	1	2	2	1	1	2	2
60204C	WINDSOR, ONT. 471 UNIVERSITY AVENUE	730	***	0	1	2	4	0	1	2	2	0	1	1	1
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	736	2.2	3	4	5	6	3	4	5	6	3	3	4	4
60403I	EVANS & ARNOLD	722	1.7	2	3	4	5	2	3	3	4	2	2	3	3
60410R	LAWRENCE & KENNEDY	728	1.5	2	3	5	5	2	3	4	4	2	2	3	3
60412R	BATHURST & WILSON	642	1.6	2	4	4	6	2	3	4	4	2	3	3	3
60413R	ELMCREST ROAD	707	0.8	1	2	3	4	1	2	3	3	1	2	2	2
60414I	SHERBOURNE & WILTON ST.	721	1.7	2	4	6	9	2	4	6	6	2	3	4	4
60415R	QUEENSWAY W & HURONTARIO	570	1.2	1	2	3	3	1	2	2	2	1	2	2	2
60416C	381 YONGE STREET	742	3.8	4	11	22	28	4	10	16	19	5	8	10	10
60417C	26 BREADALBANE STREET	721	1.5	2	3	4	5	2	3	3	4	2	2	3	3
60501C	HAMILTON, ONT. BARTON & SANFORD	724	0.6	1	2	3	4	1	2	2	2	1	1	2	2
60602R	SUDBURY, ONT. ASH STREET	718	***	0	0	0	3	0	0	0	0	0	0	0	0
60901C	LONDON, ONT. KING & RECTORY	687	***	0	1	3	4	0	1	2	2	0	1	1	1
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	696	***	0	1	1	5	0	1	1	1	0	0	1	1
61201R	CORNWALL, ONT. MEMORIAL PARK	728	0.7	1	1	2	2	1	1	1	2	1	1	1	1
61301C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	709	***	0	1	2	4	0	1	1	2	0	1	1	1
61501C	KITCHENER, ONT. EDNA & FREDERICK	738	0.7	1	2	2	4	1	1	2	2	1	1	1	1
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	724	0.7	1	2	6	8	1	2	4	6	1	2	3	3
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	693	1.8	2	4	4	8	2	3	4	4	2	3	4	4
70118R	WINNIPEG, MAN. JEFFERSON & SCOTIA	546	0.6	1	1	2	2	1	1	2	2	1	1	1	1
70119C	65 ELLEN STREET	705	0.6	1	1	3	6	1	1	2	2	1	1	1	1
70120R	604 ST. MARY'S RD.	0	---	-	-	-	-	-	-	-	-	-	-	-	-
80109C	REGINA, SASK. 1620 ALBERT STREET	527	***	1	1	2	4	1	1	1	2	1	1	1	1
80209C	SASKATOON, SASK. IDYLWYLD DR. & 33RD ST.	513	***	1	2	3	8	1	1	3	3	1	1	1	1

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

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

CARBON MONOXIDE
PARTS PER MILLIONAUGUST - AOÛT
1982MONOXYDE DE CARBONE
PARTIES PAR MILLION

STATION	LOCATION EMPLACEMENT	NUMBER OF HOURLY SAMPLES NOMBRE DE DONNEES HORAIRES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS - CENTILES - DISTRIBUTIONS DES FREQUENCES				MEANS ----- MOYENNES							
				INTERVALS - INTERVALLES											
				1-HOUR / HEURE				8-HOUR / HEURES				24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX	70	95	99	MAX
EDMONTON, ALTA.															
90121I	17 STREET & 105 AVENUE	714	0.9	1	2	3	4	1	2	2	2	1	1	1	2
90122R	127 ST. & 133 AVENUE	702	***	0	1	4	6	0	2	2	2	0	1	1	1
90130C	10255 - 104TH STREET	723	1.4	2	3	4	7	2	3	3	4	2	2	3	3
CALGARY, ALTA.															
90222R	39 ST. & 29 AVE. N.W.	725	0.6	1	2	3	4	1	1	2	2	1	1	2	2
90227C	1611-4TH STREET S.W.	713	1.6	2	4	5	9	2	3	4	4	2	3	3	3
VANCOUVER, B.C.															
00106R	2294 WEST 10TH AVENUE	725	0.9	1	3	4	6	1	2	3	4	1	2	2	2
00108I	250 WEST 70TH AVENUE	729	1.2	1	3	4	6	1	3	3	4	1	2	3	3
00110R	E. HASTINGS & KENSINGTON	726	1.1	1	2	2	3	1	2	2	2	1	2	2	2
00111I	ROCKY PT. PARK	728	0.9	1	2	2	5	1	2	2	3	1	2	2	2
00112C	ROBSON/HORNBY	421	2.2	3	4	6	9	3	4	5	5	3	3	4	4
VICTORIA, B.C.															
00302C	1106 COOK ST.	562	1.0	1	3	4	7	1	2	3	4	1	2	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

AUGUST - AOUT
1982

DIOXYDE D'AZOTE
PARTIES PAR CENT MILLIONS

STATION	LOCATION EMPLACEMENT	NUMBER OF HOURLY SAMPLES NOMBRE DE DONNEES HORAIRES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS - CENTILES -				DISTRIBUTIONS DES FREQUENCES			
				INTERVALS - INTERVALLES				MEANS ---- MOYENNES			
				1-HOUR / HEURE				24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX
30115I	HALIFAX, N.S.	588	***	1	1	2	3	1	1	1	1
30116C	CFB SHEARWATER	0	---	-	-	-	-	-	-	-	-
	BARRINGTON & DUKE										
40202C	SAINT JOHN, N.B.	744	1.0	1	3	4	6	1	2	2	2
	POST OFFICE										
50102R	MONTREAL, QUEBEC	658	1.4	2	3	4	5	2	2	3	3
50104C	JARDIN BOTANIQUE	743	2.2	2	4	5	6	2	3	4	4
50108R	1125 ONTARIO EST	293	---	2	3	4	4	2	3	3	3
50109C	1700 BOURASSA, LONGUEUIL	708	1.1	1	2	3	4	1	2	2	2
50110C	DUNCAN & DECARIE	677	3.1	4	6	8	9	4	5	5	6
50112C	PARC PILON, MTL.-NORD	331	---	2	3	4	5	2	3	3	3
50113R	BOUL. LAURENTIDES	622	1.9	2	4	5	7	2	3	3	3
50115C	PIE X & CARDINAL	744	2.8	3	6	6	8	3	5	5	5
50116R	1001 BOUL MAISONNEUVE O.	739	1.3	2	3	4	4	2	2	3	3
	3161 JOSEPH, VERDUN										
50203R	HULL, QUEBEC	705	1.3	2	3	4	5	1	3	3	3
	GAMBLIN & JOFFRE										
50304C	QUEBEC, QUEBEC	589	1.0	1	2	2	3	1	2	2	2
	325 DORCHESTER SUD										
60101C	OTTAWA, ONT.	739	2.6	3	5	6	7	3	4	5	5
60104C	88 SLATER ST.	733	***	1	2	3	4	1	2	2	2
60105R	RIDEAU & WURTEMBURG	737	***	1	3	4	5	1	2	2	2
	NRC, MONTREAL ROAD										
60204C	WINDSOR, ONT.	727	2.9	3	6	8	13	3	5	6	6
	471 UNIVERSITY AVENUE										
60402R	TORONTO, ONT.	709	2.0	2	4	5	7	2	3	4	4
60403I	DON MILLS, SCIENCE CNTR	696	2.4	3	5	9	10	3	4	4	5
60410R	EVANS & ARNOLD	731	2.3	3	5	7	9	3	4	6	6
60412R	LAWRENCE & KENNEDY	728	2.8	4	7	10	12	3	5	7	8
60413R	BATHURST & WILSON	725	1.5	2	4	6	7	2	3	3	3
60414I	ELMCREST ROAD	731	3.3	4	6	8	9	4	5	7	7
60415R	SHERBOURNE & WILTON ST.	735	2.3	3	4	6	9	2	4	4	5
60417C	QUEENSWAY W & HURONTARIO	704	2.4	3	5	7	9	3	4	6	6
	26 BREADALBANE STREET										
60501C	HAMILTON, ONT.	689	2.9	3	6	7	8	3	4	5	5
60505R	BARTON & SANFORD	730	2.9	4	7	9	10	4	5	6	7
	NORTH PARK										
60602R	SUDBURY, ONT.	709	***	0	1	2	7	0	1	1	1
	ASH STREET										
60901C	LONDON, ONT.	730	1.7	2	4	5	8	2	3	4	4
	KING & RECTORY										
61004R	SARNIA, ONT.	727	1.9	2	4	5	7	2	3	3	4
	FRONT ST. AT C.N. TRACKS										
61201R	CORNWALL, ONT.	733	***	1	2	3	6	1	2	2	2
	MEMORIAL PARK										
61301C	ST. CATHARINES, ONT.	727	1.4	2	3	4	7	2	2	2	3
	NORTH ST. & GENEVA ST.										
61501C	KITCHENER, ONT.	690	2.4	3	5	7	7	3	4	5	5
	EDNA & FREDERICK										
61602R	OAKVILLE, ONT.	724	1.5	2	3	5	7	2	3	3	3
	BRONTE AND WOBURN CRES.										
61701R	OSHAWA, ONT.	728	2.1	3	5	7	11	3	4	4	4
	RITSON RD. & OLIVE AVE.										
70118R	WINNIPEG, MAN.	689	***	1	3	4	5	1	2	3	3
70119C	JEFFERSON & SCOTIA	0	---	-	-	-	-	-	-	-	-
	55 ELLEN STREET										
80109C	REGINA, SASK.	0	---	-	-	-	-	-	-	-	-
	1620 ALBERT STREET										
90122R	EDMONTON, ALTA.	725	1.5	2	3	4	6	2	2	3	3
90130C	127 ST. & 133 AVENUE	723	2.3	3	4	5	7	3	4	4	4
	10255 - 104TH STREET										
90222R	CALGARY, ALTA.	680	1.3	1	3	5	9	1	2	3	3
90227C	39 ST. & 29 AVE. N.W.	710	4.0	5	6	7	8	4	5	6	6
	1611-4TH STREET S.W.										

*** 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
1982

DIOXYDE D'AZOTE
PARTIES PAR CENT MILLIONS

STATION	LOCATION EMPLACEMENT	NUMBER OF HOURLY SAMPLES NOMBRE DE DONNEES HORAIRES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS - CENTILES -				DISTRIBUTIONS DES FREQUENCES			
				INTERVALS - INTERVALLES		1-HOUR / HEURE		MEANS - MOYENNES		24-HOUR / HEURES	
				70	95	99	MAX	70	95	99	MAX
	VANCOUVER, B.C.										
00106R	2294 WEST 10TH AVENUE	699	2.2	3	4	6	8	2	3	5	5
00108I	250 WEST 70TH AVENUE	348	---	2	3	4	7	2	3	3	3
00110R	E. HASTINGS & KENSINGTON	725	2.2	3	4	6	9	3	4	4	4
00111I	ROCKY PT. PARK	732	1.9	2	5	6	9	3	4	4	4
00112C	ROBSON/HORNEY	420	3.3	4	5	8	10	4	5	6	6
	VICTORIA, B.C.										
00302C	1106 COOK ST.	0	---	-	-	-	-	-	-	-	-

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

OZONE PARTS PER HUNDRED MILLION			AUGUST - AOUT 1982		OZONE PARTIES PAR CENT MILLIONS								
STATION	LOCATION EMPLACEMENT	NUMBER OF HOURLY SAMPLES NOMBRE DE DONNEES HORAIRES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS - CENTILES - INTERVALS - INTERVALLES				DISTRIBUTIONS DES FREQUENCES MEANS - MOYENNES				24-HOUR / HEURES	
				1-HOUR / HEURE									
				70	95	99	MAX	70	95	99	MAX		
30115I	HALIFAX, N.S.	608	3.5	4	7	10	12	4	6	7	8		
30116C	CFB SHEARWATER BARRINGTON & DUKE	182	---	1	2	3	3	1	2	2	2		
40202C	SAINT JOHN, N.B. POST OFFICE	740	2.6	3	5	7	9	3	5	5	6		
50102R	MONTREAL, QUEBEC	444	0.9	1	2	3	3	1	2	3	3		
50103R	JARDIN BOTANIQUE	713	1.9	2	5	6	8	2	3	4	4		
50104C	POINTE-AUX-TREMBLES	743	1.6	2	4	6	7	2	3	5	5		
50108R	1125 ONTARIO EST	669	1.6	2	4	5	8	2	3	4	4		
50109C	1700 BOURASSA, LONGUEUIL	0	---	-	-	-	-	-	-	-	-		
50110C	DUNCAN & DECARIE	630	1.9	2	5	6	9	2	3	5	5		
50112C	PARC PILON, MTL.-NORD	720	2.1	3	5	7	7	3	4	6	6		
50113R	BOUL. LAURENTIDES	626	2.1	3	5	7	8	3	4	5	6		
50115C	PIE X & CARDINAL	744	0.6	1	3	4	6	1	2	2	3		
50116R	1001 BOUL MAISONNEUVE O. 3161 JOSEPH, VERDUN	569	1.7	2	5	6	8	2	3	5	5		
50304C	QUEBEC, QUEBEC	437	0.9	1	2	4	4	1	2	2	2		
50306R	325 DORCHESTER SUD 2026 BLVD. ST-CYRILLE	676	1.6	2	4	5	6	2	3	4	4		
60101C	OTTAWA, ONT.	692	0.7	1	3	4	4	1	2	2	2		
60104C	88 SLATER ST.	731	1.6	2	4	5	6	2	3	4	4		
60105R	RIDEAU & WURTEMBERG NRC, MONTREAL ROAD	740	1.4	2	4	5	6	2	3	4	4		
60204C	WINDSOR, ONT.	622	2.3	3	6	7	9	3	4	4	5		
60402R	471 UNIVERSITY AVENUE	726	1.7	2	5	8	11	2	4	4	4		
60403I	TORONTO, ONT.	725	1.4	2	4	7	8	2	3	3	3		
60410R	DON MILLS, SCIENCE CNTR	730	1.7	2	5	8	11	2	4	4	4		
60413R	EVANS & ARNOLD	705	1.8	2	5	8	10	2	4	4	4		
60414I	LAWRENCE & KENNEDY	731	1.2	2	4	5	7	1	3	3	3		
60415R	ELMCREST ROAD	534	1.7	2	5	8	9	2	3	4	4		
60417C	SHERBOURNE & WILTON ST. QUEENSWAY W & HURONTARIO 26 BREADALBANE STREET	720	1.7	2	5	8	9	2	4	4	4		
60501C	HAMILTON, ONT.	734	2.1	3	5	7	8	3	4	4	4		
60602R	BARTON & SANFORD	707	1.6	2	3	4	5	2	3	4	4		
60806R	SUDBURY, ONT.	742	0.9	1	2	3	5	1	1	2	2		
60901C	ASH STREET	727	2.5	3	6	8	9	3	4	5	5		
61004R	THUNDER BAY, ONT.	728	2.9	3	6	9	11	4	5	6	6		
61201R	435 JAMES S.	713	2.1	3	4	6	6	2	4	5	5		
61301C	LONDON, ONT.	729	2.5	3	6	8	10	3	5	6	7		
61501C	KING & RECTORY	734	1.8	2	5	6	6	2	3	4	4		
61602R	SARNIA, ONT.	734	1.6	2	4	7	8	2	3	4	4		
61701R	FRONT ST. AT C.N. TRACKS	726	2.0	3	5	8	11	2	4	4	5		
70118R	CORNWALL, ONT.	698	1.7	2	4	5	6	2	3	3	3		
70119C	MEMORIAL PARK	669	***	1	1	2	2	1	1	1	1		
80109C	ST. CATHARINES, ONT.	619	2.0	3	4	5	5	2	3	3	3		
90122R	NORTH ST. & GENEVA ST.	713	1.9	3	5	5	6	2	3	3	3		
90130C	KITCHENER, ONT.	713	1.3	2	3	4	5	2	2	3	3		
90222R	EDNA & FREDERICK	691	2.5	3	5	6	7	3	4	5	5		
90227C	OAKVILLE, ONT.	705	1.5	2	4	4	5	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												
	CALGARY, ALTA.												
	39 ST. & 29 AVE. N.W.												
	1611-4TH STREET S.W.												

*** 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.

OZONE
PARTS PER HUNDRED MILLION

AUGUST - AOÛT
1982

OZONE
PARTIES PAR CENT MILLIONS

STATION	LOCATION EMPLACEMENT	NUMBER OF HOURLY SAMPLES NOMBRE DE DONNEES HORAIRES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS - CENTILES - DISTRIBUTIONS DES FREQUENCES				MEANS ---- MOYENNES			
				INTERVALS - INTERVALLES		1-HOUR / HEURE		24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX
	VANCOUVER, B.C.										
00106R	2294 WEST 10TH AVENUE	694	1.0	2	3	5	7	1	2	2	2
00108I	250 WEST 70TH AVENUE	462	1.3	2	3	5	6	1	2	2	3
00110R	E. HASTINGS & KENSINGTON	654	1.7	2	3	6	7	2	2	3	3
00111I	ROCKY PT. PARK	601	1.6	2	5	8	13	2	3	3	3
00112C	ROBSON/HORNBY	102	---	0	1	2	2	0	1	1	1
	VICTORIA, B.C.										
00302C	1106 COOK ST.	438	1.5	2	4	5	7	2	2	2	3

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

SOILING INDEX
COH UNITS PER 1000 LINEAR FT.

AUGUST - AOÛT
1982

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
MONTREAL, QUEBEC											
50101R	PARC JARRY	311	****	0.1	0.2	0.3	0.4	0.1	0.2	0.2	0.2
50103R	POINTE-AUX-TREMBLES	66	----	0.2	0.4	0.4	0.4	0.2	0.2	0.3	0.3
50104C	1125 ONTARIO EST	372	0.19	0.2	0.4	0.5	0.6	0.2	0.3	0.3	0.3
50106R	VILLE ST-LAURENT	367	0.19	0.2	0.5	0.8	1.0	0.3	0.4	0.5	0.5
50109C	DUNCAN & DECARIE	319	0.53	0.7	1.2	1.6	1.8	0.7	0.9	1.0	1.0
50110C	PARC PILON, MTL.-NORD	243	0.24	0.3	0.7	0.9	0.9	0.3	0.4	0.5	0.5
50115C	1001 BOUL MAISONNEUVE O.	372	0.15	0.2	0.3	0.4	0.5	0.2	0.2	0.3	0.3
50116R	3161 JOSEPH, VERDUN	328	****	0.1	0.1	0.2	0.4	0.1	0.1	0.1	0.2
HULL, QUEBEC											
50203R	GAMBLIN & JOFFRE	329	****	0.1	0.4	0.5	0.6	0.1	0.2	0.2	0.2
TROIS-RIVIERES, QUEBEC											
50801R	HART & STE-CECILE	320	0.11	0.2	0.4	0.5	0.6	0.1	0.3	0.3	0.3
SHAWINIGAN, QUEBEC											
51201I	FRIGON & LAVAL	328	0.11	0.1	0.5	0.8	1.3	0.1	0.3	0.3	0.3
OTTAWA, ONT.											
60101C	88 SLATER ST.	372	0.24	0.3	1.3	1.8	2.1	0.3	0.5	0.7	0.8
60104C	RIDEAU & WURTEMBERG	713	(1) ****	0.2	0.3	0.5	0.6	0.1	0.2	0.3	0.3
WINDSOR, ONT.											
60204C	471 UNIVERSITY AVENUE	713	(1) 0.45	0.5	1.1	1.7	2.1	0.6	0.8	1.1	1.2
60211R	COLLEGE & PRINCE	656	(1) 0.44	0.5	1.1	1.8	2.0	0.5	0.7	0.8	0.9
TORONTO, ONT.											
60402R	DON MILLS, SCIENCE CNTR	0	----	-	-	-	-	-	-	-	-
60403I	EVANS & ARNOLD	727	(1) 0.54	0.6	1.2	1.6	2.2	0.6	1.0	1.1	1.1
60409R	REDLANDS CRESCENT	0	----	-	-	-	-	-	-	-	-
60410R	LAWRENCE & KENNEDY	725	(1) 0.34	0.4	0.8	1.2	2.0	0.4	0.7	0.9	0.9
60412R	BATHURST & WILSON	711	(1) 0.55	0.6	1.5	2.0	2.2	0.7	1.1	1.2	1.2
60413R	ELMCREST ROAD	723	(1) 0.28	0.3	0.7	1.0	1.4	0.3	0.5	0.6	0.6
60414I	SHERBOURNE & WILTON ST.	711	(1) 0.51	0.6	1.2	1.7	2.0	0.6	1.0	1.0	1.0
60415R	QUEENSWAY W & HURONTARIO	101	----	0.2	0.4	0.5	0.7	0.2	0.3	0.3	0.3
60417C	26 BREADALBANE STREET	721	(1) 0.40	0.5	0.9	1.2	1.5	0.5	0.7	0.9	0.9
HAMILTON, ONT.											
60501C	BARTON & SANFORD	717	(1) 0.51	0.6	1.2	1.9	2.8	0.6	1.0	1.0	1.1
60505R	NORTH PARK	692	(1) 0.64	0.9	1.4	1.8	1.9	0.8	1.2	1.3	1.4
SUDSBURY, ONT.											
60602R	ASH STREET	705	(1) ****	0.1	0.2	0.4	0.5	0.1	0.2	0.2	0.2
THUNDER BAY, ONT.											
60806R	435 JAMES S.	0	----	-	-	-	-	-	-	-	-
LONDON, ONT.											
60901C	KING & RECTORY	728	(1) 0.28	0.4	0.7	1.2	1.6	0.4	0.6	0.7	0.7
60902C	372 DUNDAS	0	----	-	-	-	-	-	-	-	-
SARNIA, ONT.											
61004R	FRONT ST. AT C.N. TRACKS	713	(1) 0.21	0.3	0.6	0.7	0.9	0.3	0.4	0.5	0.5
PETERBOROUGH, ONT.											
61103C	500 GEORGE STREET	0	----	-	-	-	-	-	-	-	-
CORNWALL, ONT.											
61201R	MEMORIAL PARK	716	(1) 0.15	0.2	0.4	0.6	0.7	0.2	0.3	0.3	0.3
ST. CATHARINES, ONT.											
61301C	NORTH ST. & GENEVA ST.	714	(1) 0.25	0.3	0.5	0.7	0.9	0.3	0.4	0.5	0.5
KITCHENER, ONT.											
61501C	EDNA & FREDERICK	0	----	-	-	-	-	-	-	-	-
OAKVILLE, ONT.											
61602R	BRONTE AND WOBURN CRES.	706	(1) 0.40	0.5	0.9	1.3	2.0	0.5	0.7	1.0	1.0
OSHAWA, ONT.											
61701R	RITSON RD. & OLIVE AVE.	652	(1) 0.37	0.5	1.0	1.4	1.5	0.5	0.8	0.8	0.9
GUELPH, ONT.											
61801C	FARQUHAR & WYNDHAM	0	----	-	-	-	-	-	-	-	-
WINNIPEG, MAN.											
70118R	JEFFERSON & SCOTIA	369	****	0.0	0.1	0.2	0.3	0.0	0.1	0.1	0.1
70119C	65 ELLEN STREET	300	0.11	0.1	0.3	0.5	0.9	0.1	0.2	0.3	0.3
70120R	604 ST. MARY'S RD.	371	****	0.1	0.3	0.6	1.1	0.1	0.2	0.2	0.3

(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.

AUGUST - AOÛT
1982

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
80209C	SASKATOON, SASK. IDYLWYLD DR. & 33RD ST.	184	----	0.1	0.3	0.7	1.3	0.1	0.3	0.4	0.4
90122R	EDMONTON, ALTA. 127 ST. & 133 AVENUE	720	(1) 0.17	0.2	0.5	0.8	1.3	0.2	0.3	0.4	0.4
90130C	10255 - 104TH STREET	744	(1) 0.24	0.3	0.5	0.9	1.0	0.3	0.4	0.4	0.5
90218I	CALGARY, ALTA. BONNY BRK & 18A ST. S.E.	735	(1) 0.28	0.3	0.7	1.2	1.3	0.3	0.5	0.5	0.6
90222R	39 ST. & 29 AVE. N.W.	744	(1) 0.11	0.1	0.3	0.5	0.7	0.1	0.2	0.2	0.3
90227C	1611-4TH STREET S.W.	739	(1) 0.38	0.5	0.9	1.2	1.8	0.5	0.6	0.7	0.8
00102R	VANCOUVER, B.C. 100 RICHMOND STREET	372	0.15	0.2	0.4	0.6	0.8	0.2	0.3	0.3	0.3
00106R	2294 WEST 10TH AVENUE	372	0.11	0.2	0.3	0.4	0.4	0.1	0.2	0.2	0.3
00108I	250 WEST 70TH AVENUE	183	----	0.2	0.3	0.4	0.5	0.1	0.2	0.2	0.2
00110R	E. HASTINGS & KENSINGTON	90	----	0.2	0.3	0.4	0.4	0.1	0.2	0.2	0.2
00111I	ROCKY PT. PARK	370	0.14	0.2	0.4	0.5	0.7	0.2	0.2	0.2	0.3
00112C	ROBSON/HORNEY	161	----	0.2	0.6	0.7	1.2	0.2	0.4	0.4	0.4
00202C	PRINCE GEORGE, B.C. 1011 4TH AVENUE	366	0.13	0.2	0.5	0.5	1.4	0.2	0.2	0.3	0.3
00302C	VICTORIA, B.C. 1106 COOK ST.	137	----	0.4	0.8	1.0	1.0	0.3	0.4	0.4	0.4
09001C	WHITEHORSE, YUKON FEDERAL BUILDING	0	----	-	-	-	-	-	-	-	-

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

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

SUSPENDED PARTICULATE MATTER AND LEAD
 MICROGRAMS PER CUBIC METRE

 AUGUST - AOÛT
 1982

 PLOMB ET PARTICULES EN SUSPENSION
 MICROGRAMMES PAR METRE CUBE

STATION	LOCATION EMPLACEMENT	PARTICULATES / PARTICULES					MEAN MOYENNE	LEAD / PLOMB					MEAN MOYENNE
		3	9	15	21	27		3	9	15	21	27	
10101C	ST. JOHN'S, NFLD. DUCKWORTH & ORDINANCE	47	66	23	39	26	40	0.3	0.5	0.1	0.3	0.1	0.3
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	-	-	57	29	24	37	-	-	0.1	0.1	0.2	0.1
30101C	HALIFAX, N.S. N.S. TECHNICAL COLLEGE	25	38	27	28	45	33	0.1	0.1	0.1	0.1	0.2	0.1
30102R	DALHOUSIE UNIVERSITY	22	23	-	23	30	25	0.2	0.1	-	0.1	0.1	0.1
30114R	MT ST VINCENT UNIVERSITY	23	14	19	19	24	20	0.2	0.1	0.0	0.1	0.1	0.1
30115I	CFB SHEARWATER	-	15	19	21	24	20	-	0.0	0.1	0.0	0.1	0.1
30310C	SYDNEY, N.S. COUNTY JAIL	32	38	25	41	34	34	0.6	0.3	0.2	0.2	0.3	0.3
30311R	WHITNEY PIER FIRE STN.	40	53	36	67	92	58	0.4	0.3	0.2	0.3	0.3	0.3
30408R	GLACE BAY, N.S. SOUTH STREET	23	35	94	76	74	60	0.0	0.0	0.1	0.1	0.1	0.0
40102C	FREDERICTON, N.B. YORK STREET	33	24	32	24	36	30	0.2	0.3	0.4	0.1	0.2	0.2
40201C	SAINT JOHN, N.B. 110 CHARLOTTE STREET	-	-	37	67	74	59	-	-	0.1	0.2	0.1	0.1
40301C	MONCTON, N.B. 774 MAIN STREET	-	-	-	-	-	-	-	-	-	-	-	-
50102R	MONTREAL, QUEBEC JARDIN BOTANIQUE	42	36	46	33	43	40	0.1	0.1	0.2	0.3	0.2	0.2
50103R	POINTE-AUX-TREMBLES	51	46	91	33	71	58	-	-	-	-	-	-
50104C	1125 ONTARIO EST	82	65	37	23	59	53	0.5	0.5	0.1	0.3	0.5	0.4
50105C	1212 DRUMMOND	-	-	-	-	-	-	-	-	-	-	-	-
50106R	VILLE ST-LAURENT	-	-	-	-	-	-	-	-	-	-	-	-
50108R	1700 BOURASSA, LONGUEUIL	29	33	24	21	21	26	0.1	0.1	0.1	0.1	0.1	0.1
50109C	DUNCAN & DECARIE	129	77	93	43	98	88	1.5	1.0	1.2	0.9	1.3	1.2
50110C	PARC PILON, MTL.-NORD	50	42	62	37	41	46	-	-	-	-	-	-
50112C	BOUL. LAURENTIDES	35	39	33	23	43	35	0.2	0.2	0.1	0.1	0.2	0.2
50113R	PIE X & CARDINAL	35	36	31	21	42	33	0.1	0.2	0.1	0.1	0.2	0.1
50115C	1001 BOUL MAISONNEUVE O.	-	-	-	-	-	-	-	-	-	-	-	-
50116R	3161 JOSEPH, VERDUN	63	39	37	18	48	41	0.5	0.5	0.4	0.2	0.5	0.4
50203R	HULL, QUEBEC GAMBLIN & JOFFRE	36	46	27	35	27	34	0.2	0.1	0.2	0.1	0.1	0.2
50303I	QUEBEC, QUEBEC CENTRE LOISIRS LIMOILLOU	58	44	70	23	56	50	-	-	-	0.2	0.5	-
50306R	2026 BLVD. ST-CYRILLE	-	24	-	14	29	22	-	0.2	-	-	0.2	-
50402R	SHERBROOKE, QUEBEC CASERNE DE POMPIERS #5	-	-	-	-	-	-	-	-	-	-	-	-
50403C	WELLINGTON & ALBERT	-	-	32	21	-	-	-	-	0.3	0.1	-	-
50502R	CHICOUTIMI, QUEBEC USINE DE FILTRATION	41	19	31	-	-	30	0.1	-	0.1	-	-	-
50503C	222 RACINE	-	28	18	32	-	26	-	0.1	-	0.4	-	-
50601C	ROUYN, QUEBEC HOTEL DE VILLE	55	16	46	12	24	31	-	-	-	-	-	-
50701C	SEPT-ILES, QUEBEC HOTEL DE VILLE	-	-	42	-	-	-	-	-	0.2	-	-	-
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	-	99	42	39	67	62	-	0.2	0.3	0.3	0.5	0.3
50901R	ARVIDA, QUEBEC POWELL & HOOPES	24	-	23	24	38	27	0.2	-	0.1	0.1	0.2	0.2
51002R	TRACY, QUEBEC GARNEAU & RTE 132	47	49	27	12	46	36	-	-	-	-	-	-
51101C	THETFORD MINES, QUEBEC BOUL. STE-MARTHE	34	-	53	26	-	38	0.1	-	0.4	0.2	-	0.2
51201I	SHAWINIGAN, QUEBEC FRIGON & LAVAL	63	-	-	-	56	-	0.1	-	-	-	0.4	-
51301R	BAIE COMEAU, QUEBEC 39 AVE. MARGUETTE	35	25	-	20	21	25	0.1	0.1	-	0.1	0.1	0.1
60101C	OTTAWA, ONT. 88 SLATER ST.	52	61	41	28	60	48	0.4	0.3	0.1	0.2	0.3	0.3
60104C	RIDEAU & WURTEMBURG	28	42	29	20	44	33	0.2	0.2	0.2	0.1	0.1	0.2
60105R	NRC, MONTREAL ROAD	30	41	34	26	32	33	0.1	0.1	0.1	0.1	0.1	0.1
60201I	WINDSOR, ONT. MORTON TERMINAL DOCK	53	70	59	38	-	55	0.1	0.1	0.4	0.0	-	0.2
60202C	CITY HALL	61	40	38	-	59	50	0.2	0.3	0.1	-	0.3	0.2
60203R	TESCOMSEH WATER WORKS	46	38	66	27	53	46	0.0	0.0	0.3	0.0	0.2	0.1
60204C	471 UNIVERSITY AVENUE	58	43	76	34	61	54	-	-	0.4	0.2	0.3	0.3

SUSPENDED PARTICULATE MATTER AND LEAD
MICROGRAMS PER CUBIC METREAUGUST - AOÛT
1982PLOMB ET PARTICULES EN SUSPENSION
MICROGRAMMES PAR METRE CUBE

STATION	LOCATION EMPLACEMENT	*--- PARTICULATES / PARTICULES ---*					MEAN MOYENNE	*----- LEAD / PLOMB -----*					MEAN MOYENNE
		3	9	15	21	27		3	9	15	21	27	
60301R	KINGSTON, ONT. QUEEN'S UNIVERSITY	-	-	-	-	-	-	-	-	-	-	-	-
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	28	43	56	25	55	41	0.2	0.2	0.5	0.2	0.2	0.3
60403I	EVANS & ARNOLD	-	50	60	37	90	59	-	0.3	0.6	0.7	0.6	0.6
60409R	REDLANDS CRESCENT	22	48	69	26	59	45	0.0	0.2	0.2	0.0	0.2	0.1
60410R	LAWRENCE & KENNEDY	26	50	91	39	-	52	0.1	0.2	0.6	0.5	-	0.4
60412R	BATHURST & WILSON	55	45	73	26	51	50	1.4	0.3	1.2	0.3	0.5	0.7
60413R	ELMCREST ROAD	52	35	119	33	59	60	0.5	0.2	0.7	0.2	0.3	0.4
60414I	SHERBOURNE & WILTON ST.	73	76	94	157	78	96	0.6	0.5	0.6	1.1	0.5	0.7
60415R	QUEENSWAY W & HURONTARIO	32	49	59	27	86	51	0.0	0.4	0.4	0.3	0.2	0.3
60417C	26 BREADALBANE STREET	44	56	84	25	63	54	0.2	0.2	0.5	0.3	0.3	0.3
60501C	HAMILTON, ONT. BARTON & SANFORD	78	68	121	93	-	90	0.4	0.3	0.4	0.3	-	0.4
60503I	CHATHAM & FRID	61	33	87	-	49	58	0.3	0.2	0.4	-	0.2	0.3
60505R	NORTH PARK	38	106	125	70	94	87	0.0	0.9	0.4	0.2	0.9	0.5
60602R	SUDEBURY, ONT. ASH STREET	34	22	38	16	23	27	0.2	0.0	0.1	0.1	0.1	0.1
60605C	19 LISGAR STREET	27	-	31	-	-	-	0.3	-	0.0	-	-	-
60705R	SAULT STE. MARIE, ONT. 550 QUEEN STREET WEST	34	-	-	58	58	50	0.2	-	-	0.2	0.0	0.1
60801C	THUNDER BAY, ONT. 14 ALGOMA STREET	32	17	25	28	22	25	0.2	0.1	0.1	0.1	0.1	0.1
60805R	435 JAMES S.	31	12	30	25	19	23	0.0	0.0	0.0	0.0	0.0	0.0
60901C	LONDON, ONT. KING & RECTORY	33	38	69	19	43	40	0.2	0.2	0.4	0.2	0.2	0.2
60902C	372 DUNDAS	36	30	57	15	30	34	0.2	0.0	0.5	0.0	0.1	0.2
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	79	60	76	23	44	56	0.1	0.1	0.3	0.1	0.2	0.2
61103C	PETERBOROUGH, ONT. 500 GEORGE STREET	31	42	34	18	43	34	0.3	0.2	0.3	0.2	0.3	0.3
61201R	CORNWALL, ONT. MEMORIAL PARK	-	38	42	20	39	35	-	0.1	0.1	0.1	0.1	0.1
61301C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	40	38	69	31	59	47	0.2	0.0	0.2	0.0	0.2	0.1
61501C	KITCHENER, ONT. EDNA & FREDERICK	42	41	60	21	66	46	0.7	0.2	0.6	0.6	0.3	0.5
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	26	46	69	29	51	44	0.0	0.0	0.2	0.0	0.2	0.1
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	24	51	60	-	-	45	0.1	0.0	0.4	-	-	0.2
61801C	GUELPH, ONT. FARQUHAR & WYNDHAM	27	-	74	11	38	38	0.1	-	0.3	0.0	0.0	0.1
70102R	WINNIPEG, MAN. PORTAGE & WOODLAWN	78	-	57	52	64	63	0.6	-	0.6	0.5	0.9	0.6
70104I	UNION STOCK YARDS	112	104	48	44	99	81	0.2	0.1	0.1	0.2	0.4	0.2
70118R	JEFFERSON & SCOTIA	45	17	31	30	22	29	0.2	0.1	0.1	0.2	0.2	0.2
70119C	65 ELLEN STREET	79	46	42	-	45	53	0.3	0.3	0.1	-	0.3	0.3
70120R	604 ST. MARY'S RD.	58	23	36	40	39	39	0.2	0.1	0.1	0.4	0.4	0.2
70201C	BRANDON, MAN. 11TH ST. & PRINCESS AVE.	49	-	36	102	34	55	0.1	-	0.2	0.3	0.1	0.2
80102R	REGINA, SASK. 3211 ALBERT STREET	30	31	27	27	-	29	0.2	0.1	0.1	0.1	-	0.1
80108C	12TH AVE. & SMITH ST.	56	54	34	49	49	48	0.3	0.2	0.1	0.2	0.3	0.2
80109C	1620 ALBERT STREET	67	59	37	57	67	57	0.2	0.3	0.1	0.4	0.4	0.3
80203R	SASKATOON, SASK. 30TH ST. & 833 P AVE.	21	55	48	-	36	40	0.0	0.1	0.1	-	0.1	0.1
80209C	IDYLLWYLD DR. & 33RD ST.	-	44	-	38	73	52	-	0.0	-	0.2	0.1	0.1
80301C	MOOSE JAW, SASK. FAIRFORD ST. & 1ST AVE.	53	62	29	44	47	47	0.2	0.1	0.1	0.1	0.3	0.2
80401C	PRINCE ALBERT, SASK. 1257-1ST AVE. EAST	42	51	35	35	74	47	0.1	0.0	0.1	0.2	0.2	0.1
90121I	EDMONTON, ALTA. 17 STREET & 105 AVENUE	72	56	31	96	27	56	-	-	-	-	-	-
90122R	127 ST. & 133 AVENUE	40	57	20	56	32	41	-	-	-	-	-	-
90130C	10255 - 104TH STREET	97	85	27	107	54	74	-	-	-	-	-	-
90204C	CALGARY, ALTA. 316-7TH AVENUE	122	198	57	126	151	131	-	-	-	-	-	-
90218I	BONNY BRK & 18A ST. S.E.	109	118	48	132	74	96	-	-	-	-	-	-
90222R	39 ST. & 29 AVE. N.W.	84	170	48	165	173	128	-	-	-	-	-	-

SUSPENDED PARTICULATE MATTER AND LEAD
MICROGRAMS PER CUBIC METRE

AUGUST - AOUT
1982

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
99001C	YELLOWKNIFE, N.W.T. 50TH AVE. & 49TH STREET	-	-	-	-	-	-	-	-	-	-	-	-
	VANCOUVER, B.C.												
00102R	100 RICHMOND STREET	35	46	36	57	58	46	0.4	0.4	0.8	0.8	0.3	0.5
00104R	27TH & ONTARIO	31	48	25	33	-	34	0.4	0.4	0.5	0.4	-	0.4
00106R	2294 WEST 10TH AVENUE	-	41	22	29	52	36	-	0.4	0.4	0.2	0.4	0.4
00108I	250 WEST 70TH AVENUE	-	-	33	32	87	51	-	-	0.5	0.4	0.4	0.4
00109C	970 BURRARD	56	65	34	42	66	53	0.7	0.8	0.5	0.7	0.7	0.7
00110R	E. HASTINGS & KENSINGTON	-	47	-	52	40	46	-	0.4	-	0.7	0.3	0.5
00111I	ROCKY PT. PARK	23	-	32	54	42	38	0.3	-	0.5	0.6	0.3	0.4
00113I	ANNACIS ISLAND, DELTA	35	37	38	59	48	43	0.2	0.2	0.4	0.3	0.2	0.2
00114C	MUNICIPAL HALL, RICHMOND	31	-	-	35	-	-	0.5	-	-	0.1	-	-
00115R	NEWTON ELEM. SCH., SURREY	22	32	23	-	39	29	0.3	0.3	0.5	-	0.3	0.3
00116R	FIRE HALL, N. VANCOUVER	23	59	27	43	44	39	0.4	0.7	0.5	0.6	0.5	0.6
00117R	BCIT BURNABY	35	-	-	58	-	-	0.6	-	-	1.3	-	-
	PRINCE GEORGE, B.C.												
00202C	1011 4TH AVENUE	55	95	25	89	68	66	0.3	0.3	0.2	0.3	0.3	0.3
	VICTORIA, B.C.												
00302C	1106 COOK ST.	24	-	32	40	32	32	0.1	-	0.6	0.7	0.3	0.4
	KAMLOOPS, B.C.												
00401C	301 SEYMOUR ST.	51	-	-	51	-	-	0.5	-	-	0.4	-	-
	WHITEHORSE, YUKON												
09001C	FEDERAL BUILDING	104	-	-	99	77	93	0.3	-	-	0.3	0.3	0.3

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

AUGUST - AOÛT
1982

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	1	2	0	1	0
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	-	-	0	0	0
30114R	HALIFAX, N.S. MT ST VINCENT UNIVERSITY	0	0	-	-	0
30115I	CFB SHEARWATER	-	0	0	1	0
30310C	SYDNEY, N.S. COUNTY JAIL	0	0	0	0	0
30311R	WHITNEY PIER FIRE STN.	-	-	-	-	-
30408R	GLACE BAY, N.S. SOUTH STREET	0	0	5	4	4
50102R	MONTREAL, QUEBEC JARDIN BOTANIQUE	-	-	0	0	0
50103R	POINTE-AUX-TREMBLES	1	0	5	0	4
50104C	1125 ONTARIO EST	3	-	0	0	0
50106R	VILLE ST-LAURENT	-	-	-	-	-
50108R	1700 BOURASSA, LONGUEUIL	-	-	-	0	-
50109C	DUNCAN & DECARIE	4	0	0	0	2
50110C	PARC PILON, MTL.-NORD	1	0	1	0	1
50112C	BOUL. LAURENTIDES	0	-	0	0	0
50113R	PIE X & CARDINAL	0	0	0	0	-
50115C	1001 BOUL MAISONNEUVE O.	-	-	-	-	-
50116R	3161 JOSEPH, VERDUN	1	0	0	0	0
50203R	HULL, QUEBEC GAMBLIN & JOFFRE	0	0	0	0	0
50303I	QUEBEC, QUEBEC CENTRE LOISIRS LIMOILLOU	2	20	1	0	1
50306R	2026 BLVD. ST-CYRILLE	-	0	-	0	1
50601C	ROUYN, QUEBEC HOTEL DE VILLE	0	0	0	0	0
50701C	SEPT-ILES, QUEBEC HOTEL DE VILLE	-	-	0	-	-
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	-	0	0	0	0
50901R	ARVIDA, QUEBEC POWELL & HOOPES	0	-	-	0	1
51201I	SHAWINIGAN, QUEBEC FRIGON & LAVAL	0	-	-	-	-
51301R	BAIE COMEAU, QUEBEC 39 AVE. MARGUETTE	3	0	-	0	0
60101C	OTTAWA, ONT. 88 SLATER ST.	0	0	1	1	1
60104C	RIDEAU & WURTEMBURG	0	0	0	0	0
60105R	NRC, MONTREAL ROAD	0	0	1	0	0
60201I	WINDSOR, ONT. MORTON TERMINAL DOCK	1	2	2	0	-
60204C	471 UNIVERSITY AVENUE	2	-	2	0	2
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	-	1	3	0	2
60403I	EVANS & ARNOLD	-	0	0	0	0
60409R	REDLANDS CRESCENT	-	-	0	0	0
60410R	LAWRENCE & KENNEDY	0	0	0	0	-
60412R	BATHURST & WILSON	0	0	3	0	1
60413R	ELMCREST ROAD	3	0	2	0	0
60414I	SHERBOURNE & WILTON ST.	0	0	0	0	0
60415R	QUEENSWAY W & HURONTARIO	0	0	0	0	1
60417C	26 BREADALBANE STREET	0	0	0	0	0
60501C	HAMILTON, ONT. BARTON & SANFORD	3	1	6	2	-
60505R	NORTH PARK	0	2	1	1	6
60602R	SUDBURY, ONT. ASH STREET	0	1	1	0	0
60806R	THUNDER BAY, ONT. 435 JAMES S.	0	0	0	0	-
60901C	LONDON, ONT. KING & RECTORY	0	0	0	0	0

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

AUGUST - AOÛT
1982

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	11	0	-	0	0
61103C	PETERBOROUGH, ONT. 500 GEORGE STREET	0	0	0	0	0
61201R	CORNWALL, ONT. MEMORIAL PARK	-	0	1	0	0
61301C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	0	0	0	0	0
61501C	KITCHENER, ONT. EDNA & FREDERICK	0	0	0	0	0
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	1	1	0	0	1
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	0	0	0	-	-
61801C	GUELPH, ONT. FARQUHAR & WYNDHAM	0	-	0	0	0
70118R	WINNIPEG, MAN. JEFFERSON & SCOTIA	0	-	-	-	0
70119C	65 ELLEN STREET	0	0	0	-	0
70120R	604 ST. MARY'S RD.	-	0	0	-	-
80109C	REGINA, SASK. 1620 ALBERT STREET	0	0	0	-	0
80209C	SASKATOON, SASK. IDYLWYLD DR. & 33RD ST.	-	0	-	-	0
80301C	MOOSE JAW, SASK. FAIRFORD ST. & 1ST AVE.	0	0	-	-	-
80401C	PRINCE ALBERT, SASK. 1257-1ST AVE. EAST	0	0	0	0	0
90121I	EDMONTON, ALTA. 17 STREET & 105 AVENUE	1	0	0	0	-
90218I	CALGARY, ALTA. BONNY BRK & 18A ST. S.E.	1	1	0	0	0
00106R	VANCOUVER, B.C. 2294 WEST 10TH AVENUE	-	1	0	0	0
00110R	E. HASTINGS & KENSINGTON	-	1	-	1	0
00111I	ROCKY PT. PARK	0	-	1	1	-
00302C	VICTORIA, B.C. 1106 COOK ST.	0	-	-	0	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
1982

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

STATION	LOCATION EMPLACEMENT	DUSTFALL RETOMBEES DE POUSSIÈRES	SO3
	SYDNEY, N.S.		
30301R	MURPHY ROAD	1.8	0.0 **
30309I	PT EDWARD, RICHMOND PLST	5.5	0.6 **
30310C	COUNTY JAIL	4.2	0.0 **
30311R	WHITNEY PIER FIRE STN.	9.5	0.1 **
	GLACE BAY, N.S.		
30401R	LAKE ROAD	12.4	0.1 **
30405C	GENERAL HOSPITAL	2.5	0.2 **
	MONTREAL, QUEBEC		
50101R	PARC JARRY	3.0	-
50102R	JARDIN BOTANIQUE	4.0	- *
50103R	POINTE-AUX-TREMBLES	2.0	-
50106R	VILLE ST-LAURENT	-	-
50107R	VILLE LASALLE	-	-
	TORONTO, ONT.		
60403I	EVANS & ARNOLD	3.2	-
60404R	5126 YONGE STREET	5.5	-
60405I	JOHN STREET PUMP STATION	11.6	-
60406R	ROSEHILL RESERVOIR	4.4	-
60408C	DANFORTH & ROBINSON	-	-
	HAMILTON, ONT.		
60501C	BARTON & SANFORD	14.6	-
60502I	BURLINGTON & GAGE	12.6	-
60503I	CHATHAM & FRID	5.4	-
60507C	HUGHSON & HUNTER	5.2	-
60510I	STRATHEARN	36.6	-
	SAULT STE. MARIE, ONT.		
60702R	ANNA MCREE PUBLIC SCHOOL	2.5	-
60703I	BAYVIEW & YOUNG	7.5	-
	THUNDER BAY, ONT.		
60801C	14 ALGOMA STREET	4.1	-
	LONDON, ONT.		
60901C	KING & RECTORY	1.4	-
	WINNIPEG, MAN.		
70105R	MARTIN & HENDERSON HWY	11.2	- **
70110C	KENNEDY & ST. MARY'S	6.7	-
70113I	WINDERMERE & ROCKMAN	27.7	- **
70115C	PORTAGE & MINTO	-	- **
70116I	SMITH & KING	13.3	0.1 **
	EDMONTON, ALTA.		
90125C	PRINS ELIZABETH & 108 ST	7.0	0.1 **
90126R	77 AVENUE & 85 STREET	5.8	0.1 **
90127I	115 AVENUE & 159 STREET	26.8	0.1 **
90128R	99 AVENUE & 160 STREET	3.8	0.1 **
	CALGARY, ALTA.		
90219C	620-7TH AVENUE, S.W.	10.3	0.3 **
90221R	DALHOUSIE DR & DALLAM DR	2.2	- **
90223C	11 ST. & 38 AVE. S.E.	19.8	0.1 **
90224I	OGDENDALE & 71 AVE S.E.	-	0.2 **
90225R	PALLISER DR & OAKWOOD SW	3.7	0.1 **
90226I	SHEPPARD & 84 AVE S.E.	3.4	0.3 **

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CANADA. AIR POLLUTION CONTROL DIRECTORATE

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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