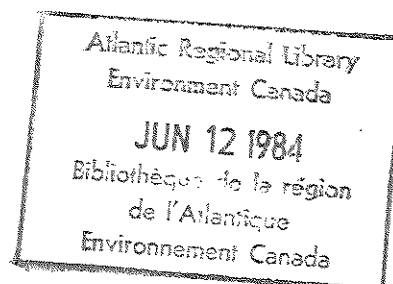




Environnement
Canada
Environmental
Protection
Service

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Canada
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l'environnement

Monthly Summary October 1983



National Air Pollution Surveillance

Surveillance nationale de la pollution atmosphérique

Extrait mensuel octobre 1983

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Surveillance Report
EPS 5-EP-83-10

Environmental Protection
Programs Directorate

Rapport de surveillance
EPS 5-EP-83-10

Direction générale des programmes
de protection de l'environnement

SULPHUR DIOXIDE
PARTS PER HUNDRED MILLIONOCTOBER - OCTOBRE
1983DIOXYDE DE SOUFRE
PARTIES PAR CENT MILLIONS72
890
0325
28-10

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	70	95	99	MAX
10101C	ST. JOHN'S, NFLD. DUCKWORTH & ORDINANCE	658	***	1	2	2	4	1	1	1	1				
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	650	***	1	2	4	5	1	2	2	2				
30114R	HALIFAX, N.S. MT ST VINCENT UNIVERSITY	0	---	-	-	-	-	-	-	-	-				
30115I	CFB SHEARWATER	0	---	-	-	-	-	-	-	-	-				
30116C	BARRINGTON & DUKE	0	---	-	-	-	-	-	-	-	-				
30310C	SYDNEY, N.S. COUNTY JAIL	0	---	-	-	-	-	-	-	-	-				
30311R	WHITNEY PIER FIRE STN.	0	---	-	-	-	-	-	-	-	-				
30408R	GLACE BAY, N.S. SOUTH STREET	0	---	-	-	-	-	-	-	-	-				
40202C	SAINT JOHN, N.B. POST OFFICE	720	***	0	2	3	6	0	1	2	2				
50101R	MONTREAL, QUEBEC 7405 CHAMPAGNEUR	741	***	1	2	5	6	1	2	3	3				
50102R	JARDIN BOTANIQUE	706	***	0	1	2	3	0	1	1	1				
50103R	POINTE-AUX-TREMBLES	740	1.5	1	9	13	21	2	6	8	8				
50104C	1125 ONTARIO EST	596	***	1	3	5	6	1	2	3	3				
50106R	VILLE ST-LAURENT	500	***	0	1	1	2	0	1	1	1				
50108R	1700 BOURASSA, LONGUEUIL	672	***	0	0	1	2	0	0	1	1				
50109C	DUNCAN & DECARIE	740	***	1	2	3	5	1	1	2	2				
50110C	PARC PILON, MTL.-NORD	314	---	1	3	4	6	1	2	2	2				
50112C	BOUL. LAURENTIDES	210	---	1	3	3	3	1	2	2	2				
50113R	PIE X & CARDINAL	601	***	0	1	2	4	0	1	1	1				
50115C	1001 BOUL MAISONNEUVE O.	722	***	1	3	4	7	1	2	2	3				
50116R	3161 JOSEPH, VERDUN	654	***	0	1	2	2	0	1	1	1				
50203R	HULL, QUEBEC GAMBLIN & JOFFRE	714	***	1	1	1	1	1	1	1	1				
50303I	QUEBEC, QUEBEC CENTRE LOISIRS LIMOILLOU	621	2.5	2	10	25	54	3	9	11	12				
50304C	325 DORCHESTER SUD	366	---	1	17	26	46	2	15	17	18				
50306R	2026 BLVD. ST-CYRILLE	675	***	0	2	6	9	1	2	2	3				
50601C	ROUYN, QUEBEC HOTEL DE VILLE	649	***	0	1	26	49	0	6	9	9				
50701C	SEPT-ILES, QUEBEC HOTEL DE VILLE	599	***	0	1	2	3	0	0	1	1				
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	262	---	0	4	6	6	0	3	4	4				
50901R	ARVIDA, QUEBEC POWELL & HOOPES	632	1.7	1	9	11	12	2	6	8	8				
51001R	TRACY, QUEBEC 3225 AVE COURSHESNE	664	***	0	2	8	17	1	2	4	4				
51201I	SHAWINIGAN, QUEBEC PRIGON & LAVAL	679	2.1	1	9	21	33	2	9	12	13				
51301R	BAIE COMEAU, QUEBEC 39 AVE. MARGUETTE	549	1.1	0	6	15	23	1	5	6	6				
60101C	OTTAWA, ONT. 88 SLATER ST.	696	***	1	1	2	4	1	1	1	1				
60104C	RIDEAU & WURTEMBURG	715	***	0	1	2	3	0	1	1	1				
60105R	NRC, MONTREAL ROAD	655	***	0	1	2	3	0	1	1	1				
60201I	WINDSOR, ONT. MORTON TERMINAL DOCK	736	***	1	2	3	5	1	1	2	2				
60204C	471 UNIVERSITY AVENUE	634	---	1	4	6	15	1	2	3	4				
60211R	COLLEGE & PRINCE	734	1.1	1	3	5	8	2	2	2	3				
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	0	---	-	-	-	-	-	-	-	-				
60403I	EVANS & ARNOLD	735	***	0	1	2	3	0	1	2	2				
60409R	REDLANDS CRESCENT	82	---	1	3	6	6	2	2	2	2				
60410R	LAWRENCE & KENNEDY	737	***	0	1	3	6	0	1	2	2				
60412R	BATHURST & WILSON	734	***	1	2	4	10	1	2	2	3				
60413R	ELMCREST ROAD	250	---	1	1	2	5	1	1	1	1				
60414I	SHERBOURNE & WILTON ST.	451	***	1	2	3	4	1	2	2	2				
60415R	QUEENSWAY W & HURONTARIO	0	---	-	-	-	-	-	-	-	-				
60417C	26 BREADALBANE STREET	735	***	0	2	4	5	0	2	2	2				

*** 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 MILLIONOCTOBER - OCTOBRE
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		1-HOUR / HEURE		24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX
60501C	HAMILTON, ONT. BARTON & SANFORD	733	1.5	2	4	5	9	2	3	3	3
60505R	NORTH PARK	697	1.3	1	5	7	9	2	5	5	5
60602R	SUDBURY, ONT. ASH STREET	691	1.1	1	4	9	40	1	3	6	6
60606C	KENNEDY STREET	709	***	0	3	11	19	1	2	3	3
60706I	SAULT STE. MARIE, ONT. FARWELL PUMP HOUSE	420	***	1	1	3	5	1	1	1	1
60806R	THUNDER BAY, ONT. 435 JAMES S.	0	---	-	-	-	-	-	-	-	-
60901C	LONDON, ONT. KING & RECTORY	729	***	0	1	2	4	0	1	1	1
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	738	***	1	5	9	15	1	3	5	6
61103C	PETERBOROUGH, ONT. 500 GEORGE STREET	0	---	-	-	-	-	-	-	-	-
61201R	CORNWALL, ONT. MEMORIAL PARK	731	***	0	4	9	18	1	3	5	5
61301C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	738	***	0	3	3	6	0	2	3	3
61501C	KITCHENER, ONT. EDNA & FREDERICK	212	---	0	0	5	6	0	1	1	1
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	733	***	0	4	9	14	1	4	5	6
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	733	***	0	1	2	2	0	1	1	1
61801C	GUELPH, ONT. FARQUHAR & WYNDHAM	0	---	-	-	-	-	-	-	-	-
70118R	WINNIPEG, MAN. JEFFERSON & SCOTIA	572	***	0	0	0	0	0	0	0	0
70119C	65 ELLEN STREET	696	***	0	0	3	4	0	0	1	1
70120R	604 ST. MARY'S RD.	711	***	0	0	0	2	0	0	0	0
80109C	REGINA, SASK. 1620 ALBERT STREET	705	***	0	0	0	1	0	0	0	0
80209C	SASKATOON, SASK. IDYLWYLD DR. & 33RD ST.	681	***	0	0	0	0	0	0	0	0
90121I	EDMONTON, ALTA. 17 STREET & 105 AVENUE	708	***	0	1	2	7	0	1	2	2
90218I	CALGARY, ALTA. BONNY BRK & 18A ST. S.E.	720	***	0	1	2	4	0	1	1	2
90106R	VANCOUVER, B.C. 2294 WEST 10TH AVENUE	729	***	0	1	1	2	0	1	1	1
90110R	E. HASTINGS & KENSINGTON	737	***	1	3	9	31	1	3	7	8
90111I	ROCKY PT. PARK	673	***	0	1	2	3	0	1	1	1
90112C	ROBSON/HORNBY	738	***	1	1	2	2	1	1	1	1
90302C	VICTORIA, B.C. 1250 QUADRA ST.	709	***	1	2	3	4	1	1	1	2
90401C	KAMLOOPS, B.C. 301 SEYMOUR ST.	556	***	0	0	1	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 MILLIONOCTOBER - OCTOBRE
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	0	---	-	-	-	-	-	-	-	-	-	-	-	-
30116C	HALIFAX, N.S. BARRINGTON & DUKE	0	---	-	-	-	-	-	-	-	-	-	-	-	-
40202C	SAINT JOHN, N.B. POST OFFICE	721	1.3	1	3	5	10	1	3	4	5	2	2	3	3
50102R	MONTREAL, QUEBEC JARDIN BOTANIQUE	744	***	0	1	3	5	1	1	2	3	1	1	1	1
50103R	POINTE-AUX-TREMBLES	744	0.6	1	2	5	11	1	2	3	4	1	2	2	2
50104C	1125 ONTARIO EST	614	2.8	3	6	7	13	3	6	7	8	4	5	6	6
50108R	1700 BOURASSA, LONGUEUIL	0	---	-	-	-	-	-	-	-	-	-	-	-	-
50109C	DUNCAN & DECARIE	744	1.5	2	4	6	12	2	4	5	6	2	3	3	4
50110C	PARC PILON, MTL.-NORD	0	---	-	-	-	-	-	-	-	-	-	-	-	-
50112C	BOUL. LAURENTIDES	729	0.9	1	2	4	11	1	2	3	5	1	2	2	2
50113R	PIE X & CARDINAL	732	0.8	1	2	4	8	1	2	3	3	1	2	2	2
50115C	1001 BOUL MAISONNEUVE O.	744	2.7	3	6	8	10	3	5	6	7	3	4	4	5
50116R	3161 JOSEPH, VERDUN	665	0.8	1	2	3	5	1	2	2	3	1	2	2	2
50203R	HULL, QUEBEC GAMBLIN & JOFFRE	0	---	-	-	-	-	-	-	-	-	-	-	-	-
50304C	QUEBEC, QUEBEC 325 DORCHESTER SUD	436	1.0	1	3	5	8	1	2	3	4	1	2	2	2
60101C	OTTAWA, ONT. 88 SLATER ST.	292	---	2	5	9	12	2	4	5	5	2	3	3	3
60104C	RIDEAU & WURTEMBERG	734	***	1	1	2	3	1	1	1	2	1	1	1	1
60204C	WINDSOR, ONT. 471 UNIVERSITY AVENUE	526	***	1	2	3	5	1	2	3	3	1	2	3	3
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	0	---	-	-	-	-	-	-	-	-	-	-	-	-
60403I	EVANS & ARNOLD	736	2.3	3	4	6	8	3	4	4	6	3	3	4	4
60410R	LAWRENCE & KENNEDY	738	1.7	2	4	8	11	2	3	7	7	2	3	5	5
60412R	BATHURST & WILSON	735	1.8	2	4	6	9	2	4	5	6	2	3	4	5
60413R	ELMCREST ROAD	245	---	2	3	3	3	2	2	3	3	2	2	2	2
60414I	SHERBOURNE & WILTON ST.	737	1.5	2	3	6	8	2	3	6	7	2	3	5	5
60415R	QUEENSWAY W & HURONTARIO	0	---	-	-	-	-	-	-	-	-	-	-	-	-
60416C	381 YONGE STREET	464	4.1	4	12	22	25	4	9	19	21	5	8	11	11
60417C	26 BREADALBANE STREET	733	1.5	2	3	4	6	2	3	4	4	2	2	3	3
60501C	HAMILTON, ONT. BARTON & SANFORD	736	1.0	1	3	6	8	1	3	4	4	1	2	3	3
60602R	SUDSBURY, ONT. ASH STREET	655	***	0	1	2	4	0	1	2	2	0	1	1	1
60706I	SAULT STE. MARIE, ONT. FARWELL PUMP HOUSE	0	---	-	-	-	-	-	-	-	-	-	-	-	-
60901C	LONDON, ONT. KING & RECTORY	726	***	0	2	4	9	0	2	2	3	0	1	1	2
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	729	***	0	1	3	6	0	1	2	4	0	1	2	2
61201R	CORNWALL, ONT. MEMORIAL PARK	729	***	0	2	3	7	0	2	2	3	0	2	2	2
61301C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	726	***	1	1	3	6	1	1	2	2	1	1	1	2
61501C	KITCHENER, ONT. EDNA & FREDERICK	271	---	1	2	3	5	1	2	2	2	1	2	2	2
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	674	1.3	1	3	6	10	1	3	4	5	1	2	3	3
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	737	2.4	3	4	7	12	3	5	5	6	3	4	5	5
70118R	WINNIPEG, MAN. JEFFERSON & SCOTIA	675	***	0	2	3	7	1	1	2	2	1	1	1	2
70119C	65 ELLEN STREET	698	0.6	1	2	4	7	1	2	3	3	1	1	1	1
70120R	604 ST. MARY'S RD.	711	0.5	1	2	4	7	1	1	2	3	1	1	2	2
80109C	REGINA, SASK. 1620 ALBERT STREET	633	1.0	1	3	6	22	1	2	7	9	1	2	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 MILLIONOCTOBER - OCTOBRE
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				1-HOUR / HEURE				8-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX	70	95	99	MAX
80209C	SASKATOON, SASK. IDYLWYLD DR. & 33RD ST.	725	0.6	1	2	8	15	1	2	5	9	1	1	2	3
	EDMONTON, ALTA.														
90121I	17 STREET & 105 AVENUE	720	1.1	1	3	6	28	1	3	6	7	1	3	3	3
90122R	127 ST. & 133 AVENUE	725	1.7	2	6	13	16	2	5	8	12	2	4	6	6
90130C	10255 - 104TH STREET	727	2.2	3	6	8	15	3	5	6	6	3	4	4	4
	CALGARY, ALTA.														
90222R	39 ST. & 29 AVE. N.W.	729	1.3	1	4	8	16	1	3	5	9	1	3	4	4
90227C	1611-4TH STREET S.W.	723	2.7	3	7	15	18	3	6	9	14	3	6	8	9
	VANCOUVER, B.C.														
00106R	2294 WEST 10TH AVENUE	721	1.9	2	5	6	10	2	4	5	5	2	3	3	4
00108I	250 WEST 70TH AVENUE	661	1.5	2	4	6	10	2	4	5	5	2	3	4	4
00110R	E. HASTINGS & KENSINGTON	716	0.8	1	2	4	5	1	2	3	4	1	2	3	3
00111I	ROCKY PT. PARK	730	0.8	1	2	3	6	1	2	2	3	1	2	2	2
00112C	ROBSON/HORNEY	617	2.4	3	5	8	9	3	4	5	6	3	4	4	4
	VICTORIA, B.C.														
00302C	1250 QUADRA ST.	715	1.6	2	5	7	10	2	4	5	6	2	3	3	3

NITROGEN DIOXIDE
PARTS PER HUNDRED MILLION

OCTOBER - OCTOBRE
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.										
30116C	CPB SHEARWATER	0	---	-	-	-	-	-	-	-	-
	BARRINGTON & DUKE	0	---	-	-	-	-	-	-	-	-
40202C	SAINT JOHN, N.B.										
	POST OFFICE	721	***	1	3	4	5	1	2	2	2
50102R	MONTREAL, QUEBEC										
	JARDIN BOTANIQUE	744	3.3	4	6	7	13	4	5	6	7
50104C	1125 ONTARIO EST	729	2.7	3	5	6	10	3	5	5	6
50108R	1700 BOURASSA, LONGUEUIL	735	2.3	3	4	5	6	3	4	4	4
50109C	DUNCAN & DECARIE	244	---	4	4	5	6	3	4	4	4
50110C	PARC PILON, MTL.-NORD	600	2.9	4	6	7	8	3	5	5	5
50112C	BOUL. LAURENTIDES	498	1.8	2	3	5	6	2	3	4	4
50113R	PIE X & CARDINAL	732	2.3	3	4	6	7	3	4	4	5
50115C	1001 BOUL MAISONNEUVE O.	0	---	-	-	-	-	-	-	-	-
50116R	3161 JOSEPH, VERDUN	581	1.1	2	3	4	4	2	2	2	2
50203R	HULL, QUEBEC										
	GAMELIN & JOFFRE	691	1.2	2	3	4	4	2	3	3	3
50304C	QUEBEC, QUEBEC										
	325 DORCHESTER SUD	79	---	4	7	8	8	4	4	5	5
60101C	OTTAWA, ONT.										
	88 SLATER ST.	103	---	2	5	6	6	3	4	4	4
60104C	RIDEAU & WURTEMBERG	740	1.3	2	3	4	4	2	2	2	2
60105R	NRC, MONTREAL ROAD	724	1.6	2	3	4	5	2	3	3	3
60204C	WINDSOR, ONT.										
	471 UNIVERSITY AVENUE	651	2.6	3	5	6	7	3	4	5	5
60402R	TORONTO, ONT.										
	DON MILLS, SCIENCE CNTR	418	1.9	2	4	6	6	2	3	4	4
60403I	EVANS & ARNOLD	403	2.7	4	8	11	18	4	6	7	8
60410R	LAWRENCE & KENNEDY	734	1.5	2	4	5	8	2	3	4	4
60412R	BATHURST & WILSON	661	1.9	2	4	7	8	2	5	6	6
60413R	ELMCREST ROAD	245	---	2	4	5	6	2	3	3	3
60414I	SHERBOURNE & WILTON ST.	741	2.8	3	5	7	8	3	5	6	6
60415R	QUEENSWAY W & HURONTARIO	0	---	-	-	-	-	-	-	-	-
60417C	26 BREADALBANE STREET	728	2.4	3	4	5	7	3	4	4	4
60501C	HAMILTON, ONT.										
	BARTON & SANFORD	736	2.9	3	5	6	7	3	4	5	5
60505R	NORTH PARK	632	2.8	4	6	9	10	4	6	7	7
60602R	SUDBURY, ONT.										
	ASH STREET	740	***	1	2	3	4	1	2	3	3
60706I	SAULT STE. MARIE, ONT.										
	FARWELL PUMP HOUSE	0	---	-	-	-	-	-	-	-	-
60901C	LONDON, ONT.										
	KING & RECTORY	732	2.1	2	4	5	6	2	3	4	4
61004R	SARNIA, ONT.										
	FRONT ST. AT C.N. TRACKS	733	2.0	2	4	5	6	2	4	4	5
61201R	CORNWALL, ONT.										
	MEMORIAL PARK	724	1.2	1	3	5	9	2	3	3	3
61301C	ST. CATHARINES, ONT.										
	NORTH ST. & GENEVA ST.	740	1.6	2	3	4	6	2	2	3	3
61501C	KITCHENER, ONT.										
	EDNA & FREDERICK	0	---	-	-	-	-	-	-	-	-
61602R	OAKVILLE, ONT.										
	BRONTE AND WOBURN CRES.	731	1.6	2	3	4	5	2	3	3	3
61701R	OSHAWA, ONT.										
	RITSON RD. & OLIVE AVE.	736	1.8	2	4	6	7	2	3	4	4
70118R	WINNIPEG, MAN.										
	JEFFERSON & SCOTIA	0	---	-	-	-	-	-	-	-	-
70119C	65 ELLEN STREET	438	***	0	1	1	2	0	0	1	1
80109C	REGINA, SASK.										
	1620 ALBERT STREET	455	1.6	2	4	6	8	2	3	3	3
90122R	EDMONTON, ALTA.										
	127 ST. & 133 AVENUE	710	3.7	4	7	10	14	4	5	6	6
90130C	10255 - 104TH STREET	726	2.6	3	4	5	6	3	4	4	4

*** 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

OCTOBER - OCTOSRE
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.	726	2.1	3	4	5	6	2	3	3	3
90227C	1611-4TH STREET S.W.	716	3.2	4	6	8	10	4	5	5	5
	VANCOUVER, B.C.										
00106R	2294 WEST 10TH AVENUE	540	3.1	4	5	6	7	3	4	4	5
00108I	250 WEST 70TH AVENUE	663	2.0	2	3	4	5	2	3	3	3
00110R	E. HASTINGS & KENSINGTON	314	---	3	5	10	13	3	5	5	5
00111I	ROCKY PT. PARK	727	2.0	2	4	6	9	2	3	4	4
00112C	ROBSON/HORNBY	731	3.0	3	5	6	10	3	4	4	4
	VICTORIA, B.C.										
00302C	1250 QUADRA ST.	714	2.7	3	4	5	8	3	3	4	4

--- 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		OCTOBER - OCTOBRE 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
30115I	HALIFAX, N.S.	0	---	-	-	-	-	-	-	-	-
30116C	CFB SHEARWATER BARRINGTON & DUKE	0	---	-	-	-	-	-	-	-	-
40202C	SAINT JOHN, N.B. POST OFFICE	721	1.8	2	3	6	7	2	3	3	4
50102R	MONTREAL, QUEBEC										
50103R	JARDIN BOTANIQUE	744	0.9	1	3	6	6	1	2	4	4
50104C	POINTE-AUX-TREMBLES	419	1.0	1	2	3	3	1	2	2	2
50108R	1125 ONTARIO EST	682	0.7	1	2	3	3	1	2	2	2
50108R	1700 BOURASSA, LONGUEUIL	734	1.2	2	3	6	6	1	2	4	4
50109C	DUNCAN & DECARIE	0	---	-	-	-	-	-	-	-	-
50110C	PARC PILON, MTL.-NORD	384	0.8	1	2	3	3	1	2	2	2
50112C	BOUL. LAURENTIDES	380	1.6	2	4	8	8	2	5	6	6
50113R	PIE X & CARDINAL	733	1.5	2	3	7	7	2	3	5	5
50115C	1001 BOUL MAISONNEUVE O.	531	***	0	1	3	3	0	1	1	1
50116R	3161 JOSEPH, VERDUN	0	---	-	-	-	-	-	-	-	-
50304C	QUEBEC, QUEBEC										
50304C	325 DORCHESTER SUD	77	---	1	2	4	4	1	1	1	1
50306R	2026 BLVD. ST-CYRILLE	701	1.4	2	3	5	7	2	2	4	4
60101C	OTTAWA, ONT.										
60101C	88 SLATER ST.	744	***	0	1	3	3	0	1	2	2
60104C	RIDEAU & WURTEMBERG	738	1.2	2	3	5	6	1	2	4	4
60105R	NRC, MONTREAL ROAD	730	1.0	1	2	5	6	1	2	4	4
60204C	WINDSOR, ONT.										
60204C	471 UNIVERSITY AVENUE	583	1.1	1	3	7	7	1	4	4	4
60402R	TORONTO, ONT.										
60402R	DON MILLS, SCIENCE CNTR	138	---	2	4	6	6	2	3	3	3
60403I	EVANS & ARNOLD	736	0.9	1	3	6	7	1	2	4	4
60410R	LAWRENCE & KENNEDY	738	1.2	2	3	5	5	1	2	4	4
60413R	ELMCREST ROAD	153	---	1	2	3	3	1	1	2	2
60414I	SHERBOURNE & WILTON ST.	737	1.0	1	3	4	5	1	2	3	3
60415R	QUEENSWAY W & HURONTARIO	0	---	-	-	-	-	-	-	-	-
60417C	26 BREADALBANE STREET	728	1.1	2	3	5	6	1	2	4	4
60501C	HAMILTON, ONT.										
60501C	BARTON & SANFORD	737	1.2	2	4	6	7	1	4	5	5
60602R	SUDBURY, ONT.										
60602R	ASH STREET	738	0.9	1	3	4	5	1	2	3	4
60706I	SAULT STE. MARIE, ONT.										
60706I	FARWELL PUMP HOUSE	403	1.6	2	4	6	7	2	4	4	4
60806R	THUNDER BAY, ONT.										
60806R	435 JAMES S.	0	---	-	-	-	-	-	-	-	-
60901C	LONDON, ONT.										
60901C	KING & RECTORY	724	1.4	2	3	5	7	2	3	4	4
61004R	SARNIA, ONT.										
61004R	FRONT ST. AT C.N. TRACKS	734	1.5	2	4	6	8	2	3	4	4
61201R	CORNWALL, ONT.										
61201R	MEMORIAL PARK	728	1.7	2	4	7	7	2	3	5	6
61301C	ST. CATHARINES, ONT.										
61301C	NORTH ST. & GENEVA ST.	738	1.6	2	4	7	8	2	4	5	6
61501C	KITCHENER, ONT.										
61501C	EDNA & FREDERICK	271	---	2	4	6	6	1	4	5	5
61602R	OAKVILLE, ONT.										
61602R	BRONTE AND WOBURN CRES.	733	1.3	2	3	5	6	2	3	4	4
61701R	OSHAWA, ONT.										
61701R	RITSON RD. & OLIVE AVE.	730	1.7	2	3	6	7	2	3	4	4
70118R	WINNIPEG, MAN.										
70118R	JEFFERSON & SCOTIA	670	1.6	2	3	4	5	2	2	3	3
70119C	65 ELLEN STREET	395	1.8	3	5	6	6	2	3	4	4
80109C	REGINA, SASK.										
80109C	1620 ALBERT STREET	739	2.1	3	5	6	6	3	3	4	4
90122R	EDMONTON, ALTA.										
90122R	127 ST. & 133 AVENUE	707	1.2	2	4	4	5	1	2	3	3
90130C	10255 - 104TH STREET	715	0.6	1	2	3	3	1	1	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.

OZONE PARTS PER HUNDRED MILLION			OCTOBER - OCTOBRE 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	1.5	2	4	4	5	2	3	3	3			
90227C	1611-4TH STREET S.W.	704	0.6	1	2	3	4	1	1	2	2			
VANCOUVER, B.C.														
00106P	2294 WEST 10TH AVENUE	726	***	0	2	3	3	0	1	1	1			
00108I	250 WEST 70TH AVENUE	667	0.5	1	2	3	4	1	1	1	1			
00110R	E. HASTINGS & KENSINGTON	724	1.0	1	2	3	3	1	2	2	2			
00111I	ROCKY PT. PARK	730	0.7	1	3	4	6	1	1	2	2			
00112C	ROBSON/HORNBY	715	***	0	1	1	1	0	0	1	1			
VICTORIA, B.C.														
00302C	1250 QUADRA ST.	542	1.1	2	3	4	5	1	2	2	3			

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

SOILING INDEX
COH UNITS PER 1000 LINEAR FT.

OCTOBER - OCTOBRE
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
MONTREAL, QUEBEC											
50101R	7405 CHAMPAGNEUR	331	0.29	0.4	0.7	0.9	1.4	0.4	0.5	0.6	0.6
50103R	POINTE-AUX-TREMBLES	190	0.20	0.2	0.5	1.2	1.5	0.2	0.3	0.4	0.4
50109C	DUNCAN & DECARIE	318	0.29	0.4	0.7	1.0	1.3	0.4	0.5	0.6	0.6
50110C	PARC PILON, MTL.-NORD	275	0.35	0.4	0.9	1.5	1.8	0.5	0.6	0.7	0.7
50115C	1001 BOUL MAISONNEUVE O.	323	0.35	0.4	0.7	0.8	1.3	0.4	0.5	0.5	0.6
50116R	3161 JOSEPH, VERDUN	309	0.28	0.3	0.7	2.0	3.2	0.3	0.6	1.0	1.0
HULL, QUEBEC											
50203R	GAMBLIN & JOFFRE	0	----	-	-	-	-	-	-	-	-
TROIS-RIVIERES, QUEBEC											
50801R	HART & STE-CECILE	364	0.10	0.1	0.3	0.5	0.6	0.1	0.2	0.3	0.3
SHAWINIGAN, QUEBEC											
51201I	FRIGON & LAVAL	307	0.28	0.3	1.0	1.9	2.9	0.3	0.8	0.9	0.9
OTTAWA, ONT.											
60101C	88 SLATER ST.	0	----	-	-	-	-	-	-	-	-
60104C	RIDEAU & WURTEMBERG	659	(1) 0.18	0.2	0.5	0.6	1.3	0.2	0.3	0.4	0.4
WINDSOR, ONT.											
60204C	471 UNIVERSITY AVENUE	652	(1) 0.51	0.6	1.3	1.7	2.4	0.7	0.9	0.9	1.0
60211R	COLLEGE & PRINCE	729	(1) 0.48	0.6	1.2	2.2	2.6	0.6	1.0	1.2	1.3
TORONTO, ONT.											
60403I	EVANS & ARNOLD	731	(1) 0.50	0.6	1.3	1.9	2.3	0.6	1.0	1.2	1.2
60410R	LAWRENCE & KENNEDY	738	(1) 0.35	0.4	0.9	2.3	3.1	0.4	0.7	1.5	1.5
60412R	BATHURST & WILSON	738	(1) 0.66	0.8	1.7	2.2	3.0	0.8	1.3	1.8	2.0
60414I	SHERBOURNE & WILTON ST.	740	(1) 0.47	0.6	1.2	1.9	2.1	0.5	1.0	1.2	1.3
60417C	26 BREADALBANE STREET	736	(1) 0.44	0.5	1.0	1.6	2.1	0.5	0.8	1.2	1.2
HAMILTON, ONT.											
60501C	BARTON & SANFORD	731	(1) 0.50	0.6	1.3	1.6	2.3	0.6	1.0	1.3	1.4
60505R	NORTH PARK	715	(1) 0.45	0.6	1.2	1.5	1.6	0.6	1.2	1.3	1.3
SUDBURY, ONT.											
60602R	ASH STREET	738	(1) 0.19	0.3	0.6	0.9	1.2	0.3	0.4	0.4	0.5
LONDON, ONT.											
60901C	KING & RECTORY	735	(1) 0.31	0.4	0.8	1.3	1.5	0.3	0.7	0.8	0.8
SARNIA, ONT.											
61004R	FRONT ST. AT C.N. TRACKS	734	(1) 0.29	0.4	0.8	1.3	2.2	0.3	0.7	0.8	0.8
CORNWALL, ONT.											
61201R	MEMORIAL PARK	720	(1) 0.20	0.2	0.5	0.9	1.4	0.3	0.4	0.5	0.5
ST. CATHARINES, ONT.											
61301C	NORTH ST. & GENEVA ST.	736	(1) 0.21	0.3	0.6	1.1	1.8	0.3	0.4	0.8	0.9
OAKVILLE, ONT.											
61602R	BRONTE AND WOBURN CRES.	736	(1) 0.35	0.4	0.9	1.5	1.8	0.4	0.7	0.8	0.9
OSHAWA, ONT.											
61701R	RITSON RD. & OLIVE AVE.	667	(1) 0.36	0.4	1.1	1.8	2.3	0.4	0.8	1.2	1.3
WINNIPEG, MAN.											
70118R	JEFFERSON & SCOTIA	324	****	0.1	0.2	0.3	0.4	0.1	0.2	0.2	0.2
70119C	65 ELLEN STREET	342	****	0.0	0.2	0.3	0.5	0.1	0.1	0.1	0.1
70120R	604 ST. MARY'S RD.	335	0.15	0.2	0.5	0.7	1.0	0.2	0.3	0.4	0.4
EDMONTON, ALTA.											
90122R	127 ST. & 133 AVENUE	662	(1) 0.40	0.5	1.1	1.8	2.1	0.5	0.9	1.0	1.1
90130C	10255 - 104TH STREET	743	(1) 0.29	0.3	0.8	1.2	1.6	0.3	0.5	0.6	0.6
CALGARY, ALTA.											
90218I	BONNY BRK & 18A ST. S.E.	709	(1) 0.48	0.5	1.6	2.4	3.8	0.5	1.2	1.4	1.4
90222R	39 ST. & 29 AVE. N.W.	744	(1) 0.15	0.2	0.4	0.9	1.3	0.2	0.3	0.4	0.4
90227C	1611-4TH STREET S.W.	744	(1) 0.47	0.6	1.2	1.9	2.3	0.5	0.8	1.2	1.2
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 INFÉRIEURES A 0.1

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

SOILING INDEX
COH UNITS PER 1000 LINEAR FT.

OCTOBER - OCTOBRE
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 METREOCTOBER - OCTOBRE
1983PLOMB ET PARTICULES EN SUSPENSION
MICROGRAMMES PAR METRE CUBE

STATION	LOCATION EMPLACEMENT	*----- PARTICULATES / PARTICULES -----*						*----- LEAD / PLOMB -----*					
		----- DAY / JOUR -----					MEAN MOYENNE	*----- DAY / JOUR -----*					MEAN MOYENNE
		3	9	15	21	27		3	9	15	21	27	
10101C	ST. JOHN'S, Nfld. DUCKWORTH & ORDINANCE	-	-	-	-	-	-	-	-	-	-	-	-
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	24	26	27	16	10	21	0.4	0.3	0.3	0.1	0.1	0.2
30101C	HALIFAX, N.S. N.S. TECHNICAL COLLEGE	-	26	49	41	40	39	-	0.1	0.1	0.1	0.2	0.1
30102R	DALHOUSIE UNIVERSITY	-	16	-	19	17	17	-	0.1	-	0.1	0.2	0.1
30114R	MT ST VINCENT UNIVERSITY	-	12	44	15	13	21	-	0.0	0.0	0.1	0.1	0.1
30115I	CFB SHEARWATER	-	17	15	15	12	15	-	0.1	0.0	0.1	0.0	0.0
30310C	SYDNEY, N.S. COUNTY JAIL	29	29	19	20	35	26	0.5	0.0	0.2	0.0	0.7	0.3
30311R	WHITNEY PIER FIRE STN.	97	52	82	18	80	66	0.3	0.3	0.3	0.1	0.3	0.3
30408R	GLACE BAY, N.S. SOUTH STREET	79	57	82	52	33	61	0.0	0.0	0.0	0.0	0.1	0.0
40102C	FREDERICTON, N.B. YORK STREET	42	21	18	-	-	27	0.2	0.1	0.1	-	-	0.2
40201C	SAINT JOHN, N.B. 110 CHARLOTTE STREET	31	18	34	35	35	31	0.1	0.1	0.1	0.4	0.1	0.2
50102R	MONTREAL, QUEBEC JARDIN BOTANIQUE	87	30	21	26	60	45	0.1	0.1	-	-	-	-
50103R	POINTE-AUX-TREMBLES	145	43	31	40	68	65	-	-	-	-	-	-
50104C	1125 ONTARIO EST	48	34	16	58	46	40	0.2	0.5	-	-	-	-
50108R	1700 BOURASSA, LONGUEUIL	71	24	-	27	25	37	-	-	-	-	-	-
50109C	DUNCAN & DECARIE	169	50	41	58	84	80	1.0	0.6	-	-	-	-
50110C	PARC PILON, MTL.-NORD	34	32	-	63	33	41	-	-	-	-	-	-
50112C	BOUL. LAURENTIDES	80	42	39	75	46	56	-	-	-	-	-	-
50113R	PIE X & CARDINAL	83	21	-	-	-	-	-	-	-	-	-	-
50116R	3161 JOSEPH, VERDUN	115	28	15	61	44	53	0.5	0.4	-	-	-	-
50203R	HULL, QUEBEC GAMBLIN & JOFFRE	64	22	15	62	18	36	0.1	0.1	0.1	0.7	0.1	0.2
50303I	QUEBEC, QUEBEC CENTRE LOISIRS LIMOILLOU	110	37	24	127	69	73	-	-	-	-	-	-
50306R	2026 BLVD. ST-CYRILLE	73	38	17	-	32	40	-	-	-	-	-	-
50403C	SHERBROOKE, QUEBEC WELLINGTON & ALBERT	101	41	32	-	-	58	-	-	-	-	-	-
50502R	CHICOUTIMI, QUEBEC USINE DE FILTRATION	94	-	-	-	-	-	-	-	-	-	-	-
50503C	222 RACINE	31	47	31	85	72	53	-	-	-	-	-	-
50601C	ROUYN, QUEBEC HOTEL DE VILLE	86	36	-	-	-	-	-	-	-	-	-	-
50701C	SEPT-ILES, QUEBEC HOTEL DE VILLE	26	35	31	38	50	36	-	-	-	-	-	-
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	111	45	31	81	72	68	-	-	-	-	-	-
50901R	ARVIDA, QUEBEC POWELL & HOOPES	34	-	-	-	-	-	-	-	-	-	-	-
51002R	TRACY, QUEBEC GARNEAU & RTE 132	93	24	19	116	28	56	-	-	-	-	-	-
51101C	THETFORD MINES, QUEBEC BOUL. STE-MARTHE	28	25	-	63	36	38	-	-	-	-	-	-
51201I	SHAWINIGAN, QUEBEC FRIGON & LAVAL	212	43	-	97	96	112	-	-	-	-	-	-
51301R	BAIE COMEAU, QUEBEC 39 AVE. MARQUETTE	33	18	19	29	18	23	-	-	-	-	-	-
60101C	OTTAWA, ONT. 88 SLATER ST.	97	-	28	74	37	59	0.3	-	0.1	0.5	0.2	0.3
60104C	RIDEAU & WURTEMBERG	-	17	15	47	-	26	-	-	-	-	-	-
60105R	NRC, MONTREAL ROAD	-	-	22	37	23	27	-	-	0.0	0.2	0.1	0.1
60201I	WINDSOR, ONT. MORTON TERMINAL DOCK	116	-	46	38	82	71	0.0	-	0.0	0.0	0.0	0.0
60202C	CITY HALL	121	17	56	41	57	58	0.3	0.0	0.6	0.1	0.3	0.3
60203R	TECUMSEH WATER WORKS	98	11	39	32	39	44	0.1	0.0	0.3	0.1	0.2	0.1
60204C	471 UNIVERSITY AVENUE	140	-	67	58	46	78	0.3	-	0.7	0.2	0.3	0.4
60301R	KINGSTON, ONT. QUEEN'S UNIVERSITY	-	-	-	-	-	-	-	-	-	-	-	-
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	119	17	15	34	23	42	0.3	0.3	0.2	0.0	0.0	0.2
60403I	EVANS & ARNOLD	72	130	27	57	44	66	1.1	0.4	0.4	1.1	1.1	0.8
60409R	REDLANDS CRESCENT	95	17	16	32	19	36	0.0	0.0	0.0	0.0	0.0	0.0

SUSPENDED PARTICULATE MATTER AND LEAD
MICROGRAMS PER CUBIC METRE

OCTOBER - OCTOBRE
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 -----*						
		3	9	15	21	27			3	9	15	21	27		
60410R	LAWRENCE & KENNEDY	96	26	25	25	37	42	0.3	0.3	0.4	0.2	0.6	0.4		
60412R	BATHURST & WILSON	10	-	21	47	46	31	0.0	-	0.2	0.0	0.1	0.1		
60413R	ELMCREST ROAD	91	33	18	42	38	44	0.2	0.4	0.2	0.3	0.3	0.3		
60414I	SHERBOURNE & WILTON ST.	156	42	40	88	53	76	0.8	0.3	0.2	0.3	0.4	0.4		
60415R	QUEENSWAY W & HURONTARIO	229	43	42	52	132	100	0.2	0.2	0.0	0.0	0.2	0.1		
60417C	26 BREADALBANE STREET	123	25	27	37	41	51	0.4	0.2	0.2	0.2	0.3	0.3		
HAMILTON, ONT.															
60501C	BARTON & SANFORD	126	47	32	101	57	73	0.4	0.3	0.3	0.4	0.6	0.4		
60503I	CHATHAM & FRID	214	45	47	79	96	96	0.2	0.4	0.3	0.5	0.3	0.3		
60505R	NORTH PARK	235	28	30	35	82	82	0.6	0.1	0.7	0.1	0.8	0.5		
SUDBURY, ONT.															
60602R	ASH STREET	12	25	11	26	21	19	0.1	0.4	0.1	0.3	0.2	0.2		
60605C	19 LISGAR STREET	38	40	21	35	32	33	0.3	0.8	0.3	0.6	0.3	0.5		
SAULT STE. MARIE, ONT.															
60705R	550 QUEEN STREET WEST	-	-	-	-	-	-	-	-	-	-	-	-		
60706I	FARWELL PUMP HOUSE	57	39	-	-	-	-	0.3	0.3	-	-	-	-		
THUNDER BAY, ONT.															
60801C	14 ALGOMA STREET	19	29	28	-	91	42	-	-	-	-	-	-		
60806R	435 JAMES S.	20	28	29	-	99	44	0.1	0.0	0.2	-	0.8	0.3		
LONDON, ONT.															
60901C	KING & RECTORY	113	26	44	70	37	58	0.3	0.2	0.4	0.3	0.5	0.3		
60902C	372 DUNDAS	83	16	23	43	44	42	0.2	0.0	0.3	0.2	0.0	0.1		
SARNIA, ONT.															
61004R	FRONT ST. AT C.N. TRACKS	122	16	33	46	85	60	0.2	0.1	0.2	0.2	0.1	0.2		
PETERBOROUGH, ONT.															
61103C	500 GEORGE STREET	-	-	23	29	25	26	-	-	0.4	0.1	0.3	0.3		
CORNWALL, ONT.															
61201R	MEMORIAL PARK	81	18	29	55	33	43	-	-	-	-	-	-		
ST. CATHARINES, ONT.															
61301C	NORTH ST. & GENEVA ST.	224	-	32	71	43	93	0.2	-	0.1	0.2	0.2	0.2		
KITCHENER, ONT.															
61501C	EDNA & FREDERICK	-	24	25	37	34	30	-	1.2	1.0	1.0	0.3	0.9		
OAKVILLE, ONT.															
61602R	BRONTE AND WOBURN CRES.	129	20	16	24	26	43	0.3	0.2	0.3	0.3	0.3	0.3		
OSHAWA, ONT.															
61701R	RITSON RD. & OLIVE AVE.	103	20	23	39	34	44	0.4	0.2	0.0	0.3	0.2	0.2		
GUELPH, ONT.															
61801C	FARQUHAR & WYNDHAM	85	13	17	27	27	34	0.2	0.0	0.2	0.1	0.2	0.1		
WINNIPEG, MAN.															
70102R	PORTAGE & WOODLAWN	43	32	15	23	65	36	0.7	0.1	0.1	0.1	0.6	0.3		
70104I	UNION STOCK YARDS	32	39	27	47	193	68	0.2	0.1	0.1	0.1	0.4	0.2		
70118R	JEFFERSON & SCOTIA	16	39	17	29	58	32	0.1	0.1	0.2	0.1	0.4	0.2		
70119C	65 ELLEN STREET	30	93	42	100	101	73	0.3	0.2	0.3	0.3	0.4	0.3		
70120R	604 ST. MARY'S RD.	24	32	28	30	77	38	0.3	0.1	0.3	0.2	0.4	0.2		
BRANDON, MAN.															
70201C	11TH ST. & PRINCESS AVE.	60	47	75	91	17	58	0.4	0.1	0.5	0.9	0.5	0.5		
REGINA, SASK.															
80102R	3211 ALBERT STREET	16	19	23	42	47	29	0.2	0.1	0.1	0.3	0.1	0.2		
80109C	1620 ALBERT STREET	48	36	42	72	59	51	0.6	0.3	0.3	0.6	0.2	0.4		
SASKATOON, SASK.															
80203R	30TH ST. & 833 P AVE.	43	57	19	25	41	37	0.2	0.3	0.2	0.1	0.2	0.2		
80209C	IDYLWYLD DR. & 33RD ST.	44	57	28	19	69	43	0.1	0.4	0.4	0.2	0.3	0.3		
MOOSE JAW, SASK.															
80301C	FAIRFORD ST. & 1ST AVE.	56	-	-	124	83	88	0.3	-	-	0.5	0.2	0.3		
PRINCE ALBERT, SASK.															
80401C	1257-1ST AVE. EAST	-	-	-	-	-	-	-	-	-	-	-	-		
LLOYDMINSTER, SASK.															
80601C	44TH ST. & 48TH AVE.	99	127	31	-	62	80	0.5	0.8	0.2	-	0.2	0.4		
EDMONTON, ALTA.															
90121I	17 STREET & 105 AVENUE	93	68	25	69	38	59	-	-	-	-	-	-		
90122R	127 ST. & 133 AVENUE	110	65	23	104	41	69	-	-	-	-	-	-		
90130C	10255 - 104TH STREET	65	59	27	110	44	61	-	-	-	-	-	-		
CALGARY, ALTA.															
90204C	316-7TH AVENUE	110	89	30	188	79	99	-	-	-	-	-	-		
90218I	BONNY BRK & 18A ST. S.E.	121	97	48	217	132	123	-	-	-	-	-	-		
90222R	39 ST. & 29 AVE. N.W.	28	33	27	60	47	39	-	-	-	-	-	-		
YELLOWKNIFE, N.W.T.															
99001C	50TH AVE. & 49TH STREET	-	47	394	123	52	154	-	0.0	0.1	0.2	0.1	0.1		

SUSPENDED PARTICULATE MATTER AND LEAD
MICROGRAMS PER CUBIC METRE

OCTOBER - OCTOBRE
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
		3	9	15	21	27		3	9	15	21	27	
VANCOUVER, B.C.													
00102R	100 RICHMOND STREET	26	-	-	37	56	40	0.5	-	-	0.3	0.5	0.4
00104R	27TH & ONTARIO	29	38	44	20	35	33	0.6	0.9	1.4	0.8	0.8	0.9
00106R	2294 WEST 10TH AVENUE	28	34	41	-	37	35	0.6	0.7	1.1	-	1.0	0.9
00108I	250 WEST 70TH AVENUE	41	45	50	46	40	44	0.6	1.0	1.5	0.5	1.1	0.9
00109C	970 BURRARD	31	36	45	28	70	42	0.7	0.6	1.0	0.6	1.6	0.9
00110R	E. HASTINGS & KENSINGTON	19	32	-	16	29	24	0.4	0.5	-	0.4	0.7	0.5
00111I	ROCKY PT. PARK	20	-	40	22	46	32	0.3	-	0.8	0.4	0.9	0.6
00113I	ANNACIS ISLAND, DELTA	21	46	42	28	56	39	0.1	0.5	0.7	0.3	0.5	0.4
00114C	MUNICIPAL HALL, RICHMOND	30	58	61	30	37	43	0.7	1.6	1.8	0.7	1.5	1.2
00115R	NEWTON ELEM. SCH., SURREY	23	47	47	18	40	35	0.3	0.8	1.2	0.2	1.1	0.7
00116R	FIRE HALL, N. VANCOUVER	22	35	-	16	43	29	0.9	0.7	-	0.4	1.5	0.9
00117R	BCIT BURNABY	27	38	40	23	41	34	0.7	1.2	1.6	0.6	1.2	1.1
PRINCE GEORGE, B.C.													
00202C	1011 4TH AVENUE	56	36	-	-	-	-	0.2	0.2	-	-	-	-
VICTORIA, B.C.													
00302C	1250 QUADRA ST.	19	39	70	44	45	43	0.4	0.6	2.3	1.4	1.2	1.2
KAMLOOPS, B.C.													
00401C	301 SEYMOUR ST.	-	63	77	53	83	69	-	0.4	0.8	0.3	0.9	0.6
PENTICTON, B.C.													
00601C	400 CARMY AVE.	50	37	36	53	41	43	0.4	0.3	0.4	0.3	0.5	0.4
WHITEHORSE, YUKON													
09001C	FEDERAL BUILDING	27	-	44	110	30	53	0.2	-	0.2	0.6	0.3	0.3

COMBINATION OF SULPHUR DIOXIDE AND
SUSPENDED PARTICULATES
1000*(MICROGRAMS/CU.METRE)**2OCTOBER - OCTOBRE
1983DIOXYDE 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	-	-	-	-	-
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	0	0	0	0	0
30114R	HALIFAX, N.S. MT ST VINCENT UNIVERSITY	-	-	-	-	-
30115I	CFB SHEARWATER	-	-	-	-	-
30310C	SYDNEY, N.S. COUNTY JAIL	-	-	-	-	-
30311R	WHITNEY PIER FIRE STN.	-	-	-	-	-
30408R	GLACE BAY, N.S. SOUTH STREET	-	-	-	-	-
50102R	MONTREAL, QUEBEC JARDIN BOTANIQUE	1	0	0	0	0
50103R	POINTE-AUX-TREMBLES	18	0	1	0	3
50104C	1125 ONTARIO EST	-	0	0	1	1
50108R	1700 BOURASSA, LONGUEUIL	0	0	-	0	0
50109C	DUNCAN & DECARIE	2	0	1	1	2
50110C	PARC PILON, MTL.-NORD	1	-	-	2	1
50112C	BOUL. LAURENTIDES	-	-	-	-	0
50113R	PIE X & CARDINAL	-	0	-	-	-
50116R	3161 JOSEPH, VERDUN	0	0	0	0	0
50203R	HULL, QUEBEC GAMELIN & JOFFRE	1	0	0	1	0
50303I	QUEBEC, QUEBEC CENTRE LOISIRS LIMOILLOU	1	1	0	13	2
50306R	2026 BLVD. ST-CYRILLE	0	0	0	-	-
50601C	ROUYN, QUEBEC HOTEL DE VILLE	-	0	-	-	-
50701C	SEPT-ILES, QUEBEC HOTEL DE VILLE	0	0	0	0	0
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	0	0	-	-	-
50901R	ARVIDA, QUEBEC POWELL & HOOPES	0	-	-	-	-
51201I	SHAWINIGAN, QUEBEC FRIGON & LAVAL	3	1	-	6	1
51301R	BAIE COMEAU, QUEBEC 39 AVE. MARGUETTE	0	-	0	2	-
60101C	OTTAWA, ONT. 88 SLATER ST.	2	-	0	2	0
60104C	RIDEAU & WURTEMBURG	-	0	0	0	-
60105R	NRC, MONTREAL ROAD	-	-	0	0	1
60201I	WINDSOR, ONT. MORTON TERMINAL DOCK	3	-	0	0	3
60204C	471 UNIVERSITY AVENUE	4	-	1	0	1
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	-	-	-	-	-
60403I	EVANS & ARNOLD	2	0	0	0	0
60409R	REDLANDS CRESCENT	5	-	-	-	-
60410R	LAWRENCE & KENNEDY	1	0	0	0	1
60412R	BATHURST & WILSON	0	-	0	1	0
60413R	ELMCREST ROAD	2	1	-	-	-
60414I	SHERBOURNE & WILTON ST.	6	-	-	0	1
60415R	QUEENSWAY W & HURONTARIO	-	-	-	-	-
60417C	26 BREADALBANE STREET	5	0	0	0	0
60501C	HAMILTON, ONT. BARTON & SANFORD	5	2	1	7	1
60505R	NORTH PARK	30	-	-	1	3
60602R	SUDBURY, ONT. ASH STREET	0	2	0	2	0
60706I	SAULT STE. MARIE, ONT. FARWELL PUMP HOUSE	1	0	-	-	-
60806R	THUNDER BAY, ONT. 435 JAMES S.	-	-	-	-	-
60901C	LONDON, ONT. KING & RECTORY	1	0	0	1	0

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

OCTOBER - OCTOBRE
1983

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	20	0	0	0	4
61103C	PETERBOROUGH, ONT. 500 GEORGE STREET	-	-	-	-	-
61201R	CORNWALL, ONT. MEMORIAL PARK	2	0	4	2	2
61301C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	0	-	0	4	1
61501C	KITCHENER, ONT. EDNA & FREDERICK	-	0	-	-	-
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	13	0	0	0	0
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	1	0	0	0	0
61801C	GUELPH, ONT. FARQUHAR & WYNDHAM	-	-	-	-	-
70118R	WINNIPEG, MAN. JEFFERSON & SCOTIA	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	0
90121I	EDMONTON, ALTA. 17 STREET & 105 AVENUE	1	0	0	0	0
90218I	CALGARY, ALTA. BONNY BRK & 18A ST. S.E.	0	0	0	1	0
00106R	VANCOUVER, B.C. 2294 WEST 10TH AVENUE	0	0	0	-	0
00110R	E. HASTINGS & KENSINGTON	0	0	-	0	0
00111I	ROCKY PT. PARK	-	-	0	-	0
00302C	VICTORIA, B.C. 1250 QUADRA ST.	0	1	2	1	1
00401C	KAMLOOPS, B.C. 301 SEYMOUR ST.	-	-	0	0	0

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

OCTOBER - OCTOBRE
1983

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
30301R	SYDNEY, N.S.		
30309I	MURPHY ROAD	-	- **
30310C	PT EDWARD, RICHMOND PLST	-	- **
30311R	COUNTY JAIL	7.5	- **
	WHITNEY PIER FIRE STN.	9.4	- **
30401R	GLACE BAY, N.S.		
30405C	LAKE ROAD	-	- **
	GENERAL HOSPITAL	-	- **
50101R	MONTREAL, QUEBEC		
50102R	7405 CHAMPAGNEUR	2.0	-
50103R	JARDIN BOTANIQUE	2.0	- *
	POINTE-AUX-TREMBLES	1.0	-
60403I	TORONTO, ONT.		
60404R	EVANS & ARNOLD	2.5	-
60405I	5126 YONGE STREET	2.6	-
60406R	JOHN STREET PUMP STATION	7.0	-
60408C	ROSEHILL RESERVOIR	1.9	-
	DANFORTH & ROBINSON	3.5	-
60501C	HAMILTON, ONT.		
60502I	BARTON & SANFORD	-	-
60503I	BURLINGTON & GAGE	11.9	-
60507C	CHATHAM & FRID	-	-
60510I	HUGHSON & HUNTER	4.2	-
	STRATHEARN	29.3	-
60702R	SAULT STE. MARIE, ONT.		
60703I	ANNA MCREA PUBLIC SCHOOL	8.2	-
	BAYVIEW & YOUNG	5.9	-
60801C	THUNDER BAY, ONT.		
	14 ALGOMA STREET	2.8	-
70105R	WINNIPEG, MAN.		
70110C	MARTIN & HENDERSON HWY	5.2	0.0 **
70113I	KENNEDY & ST. MARY'S	5.3	-
70115C	WINDERMERE & ROCKMAN	4.9	0.0 **
70116I	PORTAGE & MINTO	6.1	0.0 **
	SMITH & KING	13.6	0.1 **
90125C	EDMONTON, ALTA.		
90126R	PRINS ELIZABETH & 108 ST	3.6	0.1 **
90127I	77 AVENUE & 85 STREET	3.7	0.1 **
90128R	115 AVENUE & 159 STREET	18.0	0.1 **
	99 AVENUE & 150 STREET	2.9	0.1 **
90219C	CALGARY, ALTA.		
90221R	620-7TH AVENUE, S.W.	-	- **
90223C	DALHOUSIE DR & DALHAM DR	4.4	0.1 **
90224I	11 ST. & 38 AVE. S.E.	10.2	0.1 **
90225R	OGDENDALE & 71 AVE S.E.	6.8	0.1 **
90226I	PALLISER DR & OAKWOOD SW	4.5	0.1 **
	SHEPPARD & 84 AVE S.E.	3.7	0.1 **

Environment Canada - Environnement Canada

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

TD 890 C325

NSDE

3408367H

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

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