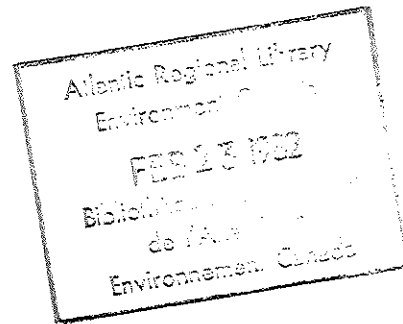




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Monthly Summary April 1981



National Air Pollution Surveillance

Surveillance nationale de la pollution atmosphérique

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Surveillance Report
EPS 5-AP-81-4

Air Pollution
Control Directorate

Rapport de surveillance
EPS 5-AP-81-4

Direction générale de
l'assainissement de l'air

Canada

SULPHUR DIOXIDE
PARTS PER HUNDRED MILLIONAPRIL - AVRIL
1981DIOXYDE DE SOUFRE
PARTIES PAR CENT MILLIONS

STATION	LOCATION EMPLACEMENT	NUMBER OF HOURLY SAMPLES NOMBRE DE DONNEES HORAIRES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS - CENTILES - DISTRIBUTIONS DES FREQUENCES				MEANS ---- MOYENNES			
				INTERVALS - INTERVALLES				24-HOUR / HEURES			
				1-HOUR / HEURE							
				70	95	99	MAX	70	95	99	MAX
10101C	ST. JOHN'S, Nfld. DUCKWORTH & ORDINANCE	607	***	1	3	6	10	1	2	3	3
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	110	---	1	2	3	4	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	668	1.1	1	3	4	9	1	2	3	3
50101R	MONTREAL, QUEBEC PARC JARRY	618	***	1	2	3	4	1	2	2	2
50102R	JARDIN BOTANIQUE	323	---	2	3	5	6	2	3	3	3
50103R	POINTE-AUX-TREMBLES	595	2.7	3	9	16	23	4	6	8	9
50104C	1125 ONTARIO EST	610	1.1	1	2	3	3	1	2	2	2
50105C	1212 DRUMMOND	702	***	1	2	3	14	1	2	2	2
50106R	VILLE ST-LAURENT	503	***	0	1	2	3	0	1	2	2
50109C	DUNCAN & DECARIE	623	1.1	1	3	3	6	1	2	2	3
50110C	PARC PILON, MTL.-NORD	410	1.0	1	5	9	12	1	3	5	5
50111C	2900 BOUL. CONCORDE	621	***	1	2	4	8	1	2	2	3
50112C	BOUL. LAURENTIDES	660	***	0	2	3	8	1	1	2	2
50113R	PIE X & CARDINAL	554	***	1	2	3	4	1	2	2	2
50115C	METCALFE & MAISONNEUVE	549	***	1	3	6	8	1	2	3	3
50116R	3161 JOSEPH, VERDUN	675	***	1	1	2	3	1	1	1	1
50203R	HULL, QUEBEC GAMBLIN & JOFFRE	556	***	1	1	2	5	1	1	1	1
50303I	QUEBEC, QUEBEC CENTRE LOISIRS LIMOILLOU	0	---	-	-	-	-	-	-	-	-
50304C	325 DORCHESTER SUD	595	1.3	1	5	9	37	1	4	8	8
50306R	2026 BLVD. ST-CYRILLE	595	***	1	3	7	15	1	3	3	3
50601C	ROUYN, QUEBEC HOTEL DE VILLE	478	***	0	3	7	12	0	2	3	3
50701C	SEPT-ILES, QUEBEC HOTEL DE VILLE	612	***	0	1	2	3	0	1	1	2
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	482	1.8	2	5	8	11	2	3	5	5
50901R	ARVIDA, QUEBEC POWELL & HOOPES	0	---	-	-	-	-	-	-	-	-
51001R	TRACY, QUEBEC 3225 AVE COURSHESNE	613	***	0	1	2	5	0	1	1	1
51201I	SHAWINIGAN, QUEBEC FRIGON & LAVAL	639	2.3	2	10	19	27	3	6	8	9
51301R	BAIE COMEAU, QUEBEC 39 AVE. MARGUETTE	501	3.4	2	16	59	107	2	15	26	26
60101C	OTTAWA, ONT. 88 SLATER ST.	653	***	1	3	4	6	1	2	2	2
60104C	RIDEAU & WURTEMBERG	695	***	0	1	2	10	0	1	1	2
60105R	NRC, MONTREAL ROAD	647	***	0	1	1	3	0	1	1	1
60201I	WINDSOR, ONT. MORTON TERMINAL DOCK	716	1.2	1	3	5	13	1	2	3	3
60204C	471 UNIVERSITY AVENUE	699	1.1	1	3	10	15	1	3	5	5
60211R	COLLEGE & PRINCE	693	***	0	2	4	7	0	1	2	2
60302R	KINGSTON, ONT. NAPIER STREET	408	***	0	1	2	2	0	1	1	1
60401C	TORONTO, ONT. 67 COLLEGE STREET	699	***	1	2	4	7	1	2	2	2
60402R	DON MILLS, SCIENCE CNTR	517	***	1	2	3	4	1	2	2	2
60403I	EVANS & ARNOLD	695	***	0	2	3	4	1	1	2	2
60409R	REDLANDS CRESCENT	714	***	0	1	1	2	0	0	0	0
60410R	LAWRENCE & KENNEDY	692	1.5	2	3	5	6	2	3	3	3

*** 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 MILLIONAPRIL - AVRIL
1981DIOXYDE DE SOUFRE
PARTIES PAR CENT MILLIONS

STATION	LOCATION EMPLACEMENT	NUMBER OF HOURLY SAMPLES NOMBRE DE DONNEES HORAIRES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS - CENTILES -				DISTRIBUTIONS DES FREQUENCES			
				INTERVALS - INTERVALLES				MEANS ---- MOYENNES			
				1-HOUR / HEURE				24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX
60412R	BATHURST & WILSON	682	1.1	1	4	5	7	1	3	3	4
60413R	ELMCREST ROAD	691	***	1	2	3	8	1	1	1	2
60414I	SHERBOURNE & WILTON ST.	695	1.0	2	3	4	6	2	3	3	3
60415R	QUEENSWAY W & HURONTARIO	497	***	1	1	2	8	1	1	1	2
HAMILTON, ONT.											
60501C	BARTON & SANFORD	696	1.2	1	5	7	14	1	4	6	6
60505R	NORTH PARK	652	1.8	2	6	8	11	2	5	5	6
SUDBURY, ONT.											
60602R	ASH STREET	660	1.1	1	5	16	44	1	4	7	7
60606C	KENNEDY STREET	697	***	0	4	18	56	1	4	5	6
SAULT STE. MARIE, ONT.											
60704C	QUEEN & ELGIN	351	---	0	1	2	4	0	1	1	1
THUNDER BAY, ONT.											
60806R	435 JAMES S.	697	***	0	1	8	18	0	1	2	2
LONDON, ONT.											
60901C	KING & RECTORY	700	***	1	1	2	7	1	1	1	1
SARNIA, ONT.											
61004R	FRONT ST. AT C.N. TRACKS	686	1.9	1	10	14	19	2	8	9	9
PETERBOROUGH, ONT.											
61103C	500 GEORGE STREET	718	***	0	1	1	2	0	1	1	1
CORNWALL, ONT.											
61201R	MEMORIAL PARK	691	***	0	3	6	11	1	2	2	3
ST. CATHARINES, ONT.											
61301C	NORTH ST. & GENEVA ST.	700	***	1	3	5	9	1	2	3	3
KITCHENER, ONT.											
61501C	EDNA & FREDERICK	716	***	0	1	2	3	0	1	1	1
OAKVILLE, ONT.											
61602R	BRONTE AND WOBURN CRES.	648	***	0	3	6	7	1	3	4	5
OSHAWA, ONT.											
61701R	RITSON RD. & OLIVE AVE.	699	***	1	2	3	8	1	1	2	2
GUELPH, ONT.											
61801C	PARQUER & WYNDHAM	305	---	1	2	2	4	1	2	2	2
WINNIPEG, MAN.											
70118R	JEFFERSON & SCOTIA	678	***	0	0	2	3	0	0	0	1
70119C	65 ELLEN STREET	649	***	0	2	2	3	0	1	1	1
70120R	604 ST. MARY'S RD.	667	***	0	0	0	2	0	0	0	0
REGINA, SASK.											
80109C	1620 ALBERT STREET	654	***	0	0	0	1	0	0	0	0
SASKATOON, SASK.											
80209C	IDYLWYLD DR. & 33RD ST.	255	---	0	0	0	0	0	0	0	0
MOOSE JAW, SASK.											
80301C	FAIRFORD ST. & 1ST AVE.	384	***	0	0	0	0	0	0	0	0
PRINCE ALBERT, SASK.											
80401C	1257-1ST AVE. EAST	660	***	0	0	0	2	0	0	0	0
EDMONTON, ALTA.											
90121I	17 STREET & 105 AVENUE	651	***	0	1	1	2	0	0	1	1
CALGARY, ALTA.											
90218I	BONNY BRK & 18A ST. S.E.	636	***	0	1	1	1	0	0	1	1
90222R	39 ST. & 29 AVE. N.W.	688	***	0	0	1	3	0	0	0	0
90227C	1611-4TH STREET S.W.	706	***	0	0	0	0	0	0	0	0
VANCOUVER, B.C.											
00106R	2294 WEST 10TH AVENUE	684	***	1	1	1	2	0	1	1	1
00110R	E. HASTINGS & KENSINGTON	718	***	0	1	1	2	0	1	1	1
00111I	ROCKY PT. PARK	0	---	-	-	-	-	-	-	-	-
00112C	ROBSON/HORNBY	719	***	0	1	1	2	0	0	1	1
VICTORIA, B.C.											
00302C	1106 COOK ST.	0	---	-	-	-	-	-	-	-	-
KAMLOOPS, B.C.											
00401C	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 MILLIONAPRIL - AVRIL
1981MONOXYDE DE CARBONE
PARTIES PAR MILLION

STATION	LOCATION EMPLACEMENT	NUMBER OF HOURLY SAMPLES NOMBRE DE DONNEES HORAIRES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS - CENTILES - DISTRIBUTIONS DES FREQUENCES								MEANS - MOYENNES							
				INTERVALS - INTERVALLES				8-HOUR / HEURES				24-HOUR / HEURES							
				1-HOUR 70	95	99	MAX	1-HOUR 70	95	99	MAX	1-HOUR 70	95	99	MAX	1-HOUR 70	95	99	MAX
30116C	HALIFAX, N.S. BARRINGTON & DUKE	0	---	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
40202C	SAINT JOHN, N.B. POST OFFICE	686	***	0	1	4	8	0	1	3	4	0	1	2	2				
50103R	MONTREAL, QUEBEC POINTE-AUX-TREMBOLES	170	---	1	2	2	2	1	2	2	2	1	1	1	1				
50104C	1125 ONTARIO EST	715	2.3	3	4	5	5	3	4	4	5	3	4	4	4				
50109C	DUNCAN & DECARIE	685	2.2	3	6	9	12	3	5	7	8	3	4	5	5				
50110C	PARC PILON, MTL.-NORD	687	1.2	2	3	4	9	2	2	3	3	2	2	3	3				
50111C	2900 BOUL. CONCORDE	678	1.1	2	2	3	4	2	2	3	3	2	2	2	2				
50112C	BOUL. LAURENTIDES	708	0.9	1	2	3	5	1	2	3	3	1	2	2	2				
50113R	PIE X & CARDINAL	705	***	1	1	2	4	1	1	2	2	1	1	1	1				
50114C	677 STE-CATHERINE O.	0	---	-	-	-	-	-	-	-	-	-	-	-	-				
50115C	METCALFE & MAISONNEUVE	562	2.0	2	5	7	9	2	4	6	7	3	4	4	5				
50116R	3161 JOSEPH, VERDUN	609	***	1	1	2	3	1	1	1	1	1	1	1	1				
50203R	HULL, QUEBEC GAMBLIN & JOFFRE	691	0.7	1	1	3	4	1	1	2	3	1	1	1	1				
50304C	QUEBEC, QUEBEC 325 DORCHESTER SUD	699	1.2	1	4	7	9	1	3	5	6	1	3	3	4				
60101C	OTTAWA, ONT. 88 SLATER ST.	705	1.9	2	5	7	9	2	4	5	6	2	3	3	4				
60104C	RIDEAU & WURTEMBERG	694	1.4	2	2	4	4	2	2	3	3	2	2	2	3				
60204C	WINDSOR, ONT. 471 UNIVERSITY AVENUE	670	1.4	2	3	4	7	2	3	4	4	2	3	3	3				
60401C	TORONTO, ONT. 67 COLLEGE STREET	537	5.3	6	8	10	12	6	7	9	10	6	6	8	8				
60402R	DON MILLS, SCIENCE CNTR	452	1.0	1	2	2	2	1	2	2	2	1	1	2	2				
60403I	EVANS & ARNOLD	717	2.1	3	3	4	5	3	3	4	4	3	3	3	3				
60410R	LAWRENCE & KENNEDY	697	1.1	1	2	4	5	1	2	3	3	1	2	2	2				
60412R	BATHURST & WILSON	694	1.2	1	3	5	5	2	3	3	4	2	2	2	2				
60413R	ELMCREST ROAD	692	***	1	1	2	3	1	1	2	2	1	1	1	1				
60414I	SHERBOURNE & WILTON ST.	699	1.2	2	2	4	9	2	2	3	3	2	2	2	2				
60415R	QUEENSWAY W & HURONTARIO	643	2.1	2	5	9	12	2	5	6	7	2	3	4	5				
60416C	381 YONGE STREET	719	3.1	3	7	10	31	3	6	11	13	3	6	6	6				
60501C	HAMILTON, ONT. BARTON & SANFORD	697	1.1	1	3	4	6	1	3	3	3	2	2	3	3				
60602R	SUDBURY, ONT. ASH STREET	524	***	0	0	0	1	0	0	0	0	0	0	0	0				
60901C	LONDON, ONT. KING & RECTORY	690	***	0	1	2	6	0	1	1	2	0	1	1	1				
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	657	***	0	1	3	5	1	1	2	2	1	1	1	1				
61201R	CORNWALL, ONT. MEMORIAL PARK	692	1.1	1	2	2	3	1	2	2	2	1	2	2	2				
61301C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	143	---	1	4	5	5	1	4	4	4	1	2	3	3				
61501C	KITCHENER, ONT. EDNA & FREDERICK	704	0.7	1	2	2	4	1	1	2	2	1	1	1	1				
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	708	2.2	3	4	4	5	3	3	4	4	3	3	3	4				
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	695	1.8	2	3	5	7	2	3	4	4	2	3	3	3				
70118R	WINNIPEG, MAN. JEFFERSON & SCOTIA	679	***	1	1	2	4	1	1	1	2	1	1	1	1				
70119C	65 ELLEN STREET	668	0.7	1	2	3	6	1	1	2	2	1	1	1	1				
70120R	604 ST. MARY'S RD.	682	***	1	1	3	6	1	1	2	2	1	1	1	1				
80109C	REGINA, SASK. 1620 ALBERT STREET	671	0.9	1	3	5	16	1	2	4	6	1	2	3	3				
80209C	SASKATOON, SASK. IDYLWYLD DR. & 33RD ST.	714	***	1	1	2	5	1	1	1	2	1	1	1	1				
90121I	EDMONTON, ALTA. 17 STREET & 105 AVENUE	697	0.9	1	2	3	5	1	2	2	2	1	2	2	2				
90122R	127 ST. & 133 AVENUE	698	1.2	1	3	6	7	1	3	4	5	1	2	3	3				
90130C	10255 - 104TH STREET	701	2.0	2	4	6	10	2	4	5	6	2	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 MILLIONAPRIL - AVRIL
1981MONOXYDE DE CARBONE
PARTIES PAR MILLION

STATION	LOCATION EMPLACEMENT	NUMBER OF HOURLY SAMPLES NOMBRE DE DONNEES HORAIRES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS -				CENTILES - DISTRIBUTIONS DES FREQUENCES				MEANS - MOYENNES			
				INTERVALS - INTERVALLES				MEANS				MEANS			
				1-HOUR / HEURE				8-HOUR / HEURES				24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX	70	95	99	MAX
CALGARY, ALTA.															
90222R	39 ST. & 29 AVE. N.W.	703	0.5	1	1	3	3	1	1	1	2	1	1	1	1
90227C	1611-4TH STREET S.W.	691	1.7	2	4	6	9	2	3	4	4	2	3	3	3
VANCOUVER, B.C.															
00106R	2294 WEST 10TH AVENUE	0	---	-	-	-	-	-	-	-	-	-	-	-	-
00108I	250 WEST 70TH AVENUE	0	---	-	-	-	-	-	-	-	-	-	-	-	-
00110R	E. HASTINGS & KENSINGTON	0	---	-	-	-	-	-	-	-	-	-	-	-	-
00111I	ROCKY PT. PARK	611	1.5	2	2	3	3	2	2	3	3	2	2	2	2
00112C	ROBSON/HORNBY	594	1.9	2	5	6	10	2	4	5	5	2	3	4	4
VICTORIA, B.C.															
00302C	1106 COOK ST.	687	1.2	2	3	6	9	2	3	4	4	2	2	3	3

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

NITROGEN DIOXIDE
PARTS PER HUNDRED MILLION

APRIL - AVRIL
1981

DIOXYDE D'AZOTE
PARTIES PAR CENT MILLIONS

STATION	LOCATION EMPLACEMENT	NUMBER OF HOURLY SAMPLES NOMBRE DE DONNEES HORAIRES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS - CENTILES -				DISTRIBUTIONS DES FREQUENCES			
				INTERVALS - INTERVALLES				MEANS ---- MOYENNES			
				1-HOUR / HEURE				24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX
30115I	HALIFAX, N.S.	0	---	-	-	-	-	-	-	-	-
30116C	CFB SHEARWATER	0	---	-	-	-	-	-	-	-	-
	BARRINGTON & DUKE										
40202C	SAINT JOHN, N.B.	703	***	0	1	1	3	0	0	0	0
	POST OFFICE										
50102R	MONTREAL, QUEBEC	720	3.2	4	5	7	9	4	5	5	5
50104C	JARDIN BOTANIQUE	713	3.3	4	5	7	8	4	5	5	5
50109C	1125 ONTARIO EST	0	---	-	-	-	-	-	-	-	-
50110C	DUNCAN & DECARIE	574	2.9	4	5	6	6	3	5	5	6
50111C	PARC PILON, MTL.-NORD	711	3.0	4	6	8	9	4	5	6	6
50112C	2900 BOUL. CONCORDE	0	---	-	-	-	-	-	-	-	-
50113R	SOUL. LAURENTIDES	545	1.9	2	4	5	5	2	3	4	4
50115C	PIE X & CARDINAL	33	---	5	6	6	6	4	5	5	5
50116R	METCALFE & MAISONNEUVE	717	2.0	2	4	5	7	2	3	4	4
	3161 JOSEPH, VERDUN										
50203R	HULL, QUEBEC	642	1.2	2	3	4	6	2	2	3	3
	GAMBLIN & JOFFRE										
50304C	QUEBEC, QUEBEC	691	2.8	3	5	5	6	3	4	4	4
	325 DORCHESTER SUD										
60101C	OTTAWA, ONT.	705	2.6	3	5	6	7	3	4	4	4
60104C	88 SLATER ST.	579	1.6	2	4	7	10	2	3	3	3
60105R	RIDEAU & WURTEMBERG	715	1.2	1	3	4	7	2	2	3	3
	NRC, MONTREAL ROAD										
60204C	WINDSOR, ONT.	701	2.6	3	5	5	7	3	4	4	4
	471 UNIVERSITY AVENUE										
60401C	TORONTO, ONT.	699	2.5	3	5	6	7	3	4	4	4
60402R	67 COLLEGE STREET	698	***	1	3	4	4	1	2	3	3
60403I	DON MILLS, SCIENCE CNTR	693	3.4	4	5	6	7	4	5	5	5
60410R	EVANS & ARNOLD	584	2.4	3	5	6	8	3	4	5	5
60412R	LAWRENCE & KENNEDY	661	2.5	4	5	7	8	3	5	5	5
60413R	BATHURST & WILSON	692	1.8	2	4	6	6	2	3	4	4
60414I	ELMCREST ROAD	699	2.9	4	6	7	7	4	5	5	6
60415R	SHERBOURNE & WILTON ST.	716	2.6	3	5	6	6	3	3	4	4
	QUEENSWAY W & HURONTARIO										
60501C	HAMILTON, ONT.	696	2.5	3	5	6	7	3	4	5	5
60505R	BARTON & SANFORD	654	2.7	3	5	6	7	4	5	5	5
	NORTH PARK										
60602R	SUDBURY, ONT.	604	***	1	2	3	6	1	2	2	2
	ASH STREET										
60901C	LONDON, ONT.	695	1.5	2	4	5	8	2	3	3	3
	KING & RECTORY										
61004R	SARNIA, ONT.	696	1.8	3	5	6	7	2	4	5	5
	FRONT ST. AT C.N. TRACKS										
61201R	CORNWALL, ONT.	689	***	1	3	4	5	1	2	2	2
	MEMORIAL PARK										
61301C	ST. CATHARINES, ONT.	714	2.0	3	4	5	5	2	3	3	4
	NORTH ST. & GENEVA ST.										
61501C	KITCHENER, ONT.	37	---	1	3	3	3	2	2	2	2
	EDNA & FREDERICK										
61602R	OAKVILLE, ONT.	707	2.2	3	5	6	7	3	4	5	5
	BRONTE AND WOBURN CRES.										
61701R	OSHAWA, ONT.	695	1.8	3	5	6	6	2	4	4	4
	RITSON RD. & OLIVE AVE.										
70118R	WINNIPEG, MAN.	681	***	1	2	3	5	1	1	2	2
70119C	JEFFERSON & SCOTIA	125	---	4	6	6	6	4	5	5	5
	65 ELLEN STREET										
80109C	REGINA, SASK.	0	---	-	-	-	-	-	-	-	-
	1620 ALBERT STREET										
90122R	EDMONTON, ALTA.	686	3.0	4	6	7	9	3	5	5	6
90130C	127 ST. & 133 AVENUE	696	3.7	4	6	7	15	4	5	6	6
	10255 - 104TH STREET										
90222R	CALGARY, ALTA.	668	2.0	2	4	5	6	2	3	4	4
90227C	39 ST. & 29 AVE. N.W.	669	3.1	4	5	6	7	4	4	4	5
	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

APRIL - AVRIL
1981

DIOXYDE D'AZOTE
PARTIES PAR CENT MILLIONS

STATION	LOCATION EMPLACEMENT	NUMBER OF HOURLY SAMPLES NOMBRE DE DONNEES HORAIRES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS - CENTILES - DISTRIBUTIONS DES FREQUENCES				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	611	2.3	3	4	5	7	3	3	4	4
00108I	250 WEST 70TH AVENUE	0	---	-	-	-	-	-	-	-	-
00110R	E. HASTINGS & KENSINGTON	507	1.6	2	3	4	5	2	2	2	2
00111I	ROCKY PT. PARK	611	1.7	2	3	4	7	2	2	3	3
00112C	ROBSON/HORNBY	613	3.3	4	5	7	8	4	5	5	5
	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 MILLIONAPRIL - AVRIL
1981OZONE
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			
				1-HOUR / HEURE				24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX
30115I	HALIFAX, N.S.										
30116C	CFB SHEARWATER	0	---	-	-	-	-	-	-	-	-
	BARRINGTON & DUKE	0	---	-	-	-	-	-	-	-	-
40202C	SAINT JOHN, N.B.										
	POST OFFICE	703	2.2	3	4	5	5	3	4	4	4
	MONTREAL, QUEBEC										
50102R	JARDIN BOTANIQUE	720	1.9	3	4	4	5	2	3	3	3
50103R	POINTE-AUX-TREMBLES	526	1.8	3	3	4	5	2	3	3	3
50104C	1125 ONTARIO EST	716	1.9	3	4	5	6	2	3	3	3
50109C	DUNCAN & DECARIE	0	---	-	-	-	-	-	-	-	-
50110C	PARC PILON, MTL.-NORD	0	---	-	-	-	-	-	-	-	-
50111C	2900 BOUL. CONCORDE	568	1.9	3	4	5	5	2	3	3	3
50112C	BOUL. LAURENTIDES	711	1.9	3	4	5	6	2	3	3	3
50113R	PIE X & CARDINAL	583	2.2	3	4	5	6	3	3	3	3
50115C	METCALFE & MAISONNEUVE	562	1.2	2	3	3	3	2	2	2	2
50116R	3161 JOSEPH, VERDUN	690	1.8	2	4	5	5	2	3	3	3
	QUEBEC, QUEBEC										
50304C	325 DORCHESTER SUD	701	0.9	1	2	2	3	1	2	2	2
50306R	2026 BLVD. ST-CYRILLE	717	2.1	3	3	4	4	3	3	3	3
	OTTAWA, ONT.										
60101C	88 SLATER ST.	714	1.1	2	2	3	3	1	2	2	2
60104C	RIDEAU & WURTEMBERG	583	2.1	3	4	5	6	3	3	3	4
60105R	NRC, MONTREAL ROAD	716	2.0	3	4	5	5	2	3	3	3
	WINDSOR, ONT.										
60204C	471 UNIVERSITY AVENUE	639	2.1	3	4	6	7	2	3	4	4
	TORONTO, ONT.										
60401C	57 COLLEGE STREET	699	1.9	2	4	5	5	2	3	4	4
60402R	DON MILLS, SCIENCE CNTR	438	2.0	3	4	4	5	2	3	3	3
60403I	EVANS & ARNOLD	694	1.3	2	4	5	6	2	3	4	4
60410R	LAWRENCE & KENNEDY	695	1.6	2	4	4	6	2	3	3	3
60413R	ELMCREST ROAD	678	1.9	3	4	6	6	2	4	5	5
60414I	SHERBOURNE & WILTON ST.	699	1.3	2	3	3	3	2	2	2	2
60415R	QUEENSWAY W & HURONTARIO	713	2.0	3	4	5	6	2	3	4	4
	HAMILTON, ONT.										
60501C	BARTON & SANFORD	700	2.6	3	6	7	8	3	5	6	6
	SUDBURY, ONT.										
60602R	ASH STREET	551	1.7	2	3	3	4	2	2	3	3
	THUNDER BAY, ONT.										
60806R	435 JAMES S.	0	---	-	-	-	-	-	-	-	-
	LONDON, ONT.										
60901C	KING & RECTORY	690	2.4	3	4	5	7	3	3	4	4
	SARNIA, ONT.										
61004R	FRONT ST. AT C.N. TRACKS	700	2.2	3	4	4	7	3	3	3	3
	CORNWALL, ONT.										
61201R	MEMORIAL PARK	694	3.1	4	6	7	7	3	5	6	6
	ST. CATHARINES, ONT.										
61301C	NORTH ST. & GENEVA ST.	699	2.6	3	5	6	7	3	4	5	5
	KITCHENER, ONT.										
61501C	EDNA & FREDERICK	711	2.2	3	5	5	6	3	4	5	5
	OAKVILLE, ONT.										
61602R	BRONTE AND WOBURN CRES.	714	2.3	3	5	5	7	2	4	4	5
	OSHAWA, ONT.										
61701R	RITSON RD. & OLIVE AVE.	602	2.1	3	4	5	6	2	3	3	3
	WINNIPEG, MAN.										
70118R	JEFFERSON & SCOTIA	227	---	3	3	3	3	2	2	2	2
70119C	65 ELLEN STREET	663	2.0	3	4	4	5	2	3	3	3
	REGINA, SASK.										
80109C	1620 ALBERT STREET	717	2.8	4	5	6	6	3	4	4	4
	EDMONTON, ALTA.										
90122R	127 ST. & 133 AVENUE	676	2.3	3	4	5	5	3	3	4	4
90130C	10255 - 104TH STREET	690	1.8	3	4	5	5	2	3	4	4
	CALGARY, ALTA.										
90222R	39 ST. & 29 AVE. N.W.	690	3.2	4	5	6	6	4	4	4	4
90227C	1611-4TH STREET S.W.	685	1.8	2	4	4	5	2	3	3	3

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

OZONE
PARTS PER HUNDRED MILLION

APRIL - AVRIL
1981

OZONE
PARTIES PAR CENT MILLIONS

STATION	LOCATION	NUMBER OF	MONTHLY	FREQUENCY DISTRIBUTIONS - CENTILES - DISTRIBUTIONS DES FREQUENCES				MEANS ---- MOYENNES			
	EMPLACEMENT	HOURLY SAMPLES	MEAN	INTERVALS - INTERVALLES		1-HOUR / HEURE		24-HOUR / HEURES			
		NOMBRE DE	MOYENNE								
		DONNEES HORAIRES	MENSUELLE	70	95	99	MAX	70	95	99	MAX
VANCOUVER, B.C.											
00106R	2294 WEST 10TH AVENUE	611	1.7	3	4	5	5	2	4	4	4
00108I	250 WEST 70TH AVENUE	0	---	-	-	-	-	-	-	-	-
00110R	E. HASTINGS & KENSINGTON	466	1.8	3	4	4	5	2	3	3	3
00111I	ROCKY PT. PARK	610	2.0	3	4	5	7	2	3	4	4
00112C	ROBSON/HORNBY	613	1.2	1	2	3	3	1	2	2	2
VICTORIA, B.C.											
00302C	1105 COOK ST.	415	2.4	3	4	4	4	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.

SOILING INDEX
COH UNITS PER 1000 LINEAR FT.APRIL - AVRIL
1981INDICE 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
30116C	HALIFAX, N.S. BARRINGTON & DUKE	0	----	-	-	-	-	-	-	-	-
30310C	SYDNEY, N.S. COUNTY JAIL	0	----	-	-	-	-	-	-	-	-
30408R	GLACE BAY, N.S. SOUTH STREET	0	----	-	-	-	-	-	-	-	-
50101R	MONTREAL, QUEBEC PARC JARRY	360	****	0.0	0.2	0.3	0.8	0.0	0.1	0.1	0.2
50103R	POINTE-AUX-TREMBLES	0	----	-	-	-	-	-	-	-	-
50104C	1125 ONTARIO EST	287	0.33	0.4	0.6	0.9	1.1	0.4	0.5	0.6	0.6
50105C	1212 DRUMMOND	289	0.18	0.2	0.4	0.6	0.6	0.2	0.4	0.4	0.4
50106R	VILLE ST-LAURENT	242	0.21	0.3	0.6	0.8	1.2	0.3	0.4	0.5	0.5
50109C	DUNCAN & DECARIE	359	0.43	0.5	1.1	1.5	1.7	0.5	0.9	1.1	1.1
50110C	PARC PILON, MTL.-NORD	0	----	-	-	-	-	-	-	-	-
50115C	METCALFE & MAISONNEUVE	240	0.25	0.3	0.6	0.8	0.9	0.3	0.5	0.6	0.6
50116R	3161 JOSEPH, VERDUN	359	0.25	0.3	0.6	0.9	2.6	0.3	0.4	0.5	0.6
50203R	HULL, QUEBEC GAMELIN & JOFFRE	355	0.11	0.2	0.3	0.6	0.8	0.1	0.2	0.2	0.3
50303I	QUEBEC, QUEBEC CENTRE LOISIRS LIMOILLOU	0	----	-	-	-	-	-	-	-	-
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	360	0.13	0.2	0.4	0.5	0.9	0.2	0.3	0.3	0.3
51201I	SHAWINIGAN, QUEBEC FRIGON & LAVAL	253	0.14	0.1	0.5	0.8	1.0	0.2	0.4	0.5	0.5
60101C	OTTAWA, ONT. 88 SLATER ST.	354	0.24	0.3	0.7	1.1	1.5	0.3	0.4	0.5	0.5
60103C	GILMOUR STREET	360	0.19	0.3	0.5	0.7	0.8	0.2	0.3	0.4	0.4
60104C	RIDEAU & WURTEMBURG	694 (1)	0.16	0.2	0.4	0.7	0.9	0.2	0.4	0.5	0.5
60204C	WINDSOR, ONT. 471 UNIVERSITY AVENUE	700 (1)	0.24	0.3	0.6	0.8	1.2	0.3	0.4	0.5	0.5
60211R	COLLEGE & PRINCE	700 (1)	0.33	0.4	0.8	1.1	1.4	0.4	0.6	0.6	0.6
60302R	KINGSTON, ONT. NAPIER STREET	172	----	0.2	0.4	0.5	0.9	0.1	0.2	0.3	0.3
60401C	TORONTO, ONT. 67 COLLEGE STREET	699 (1)	0.36	0.5	0.9	1.3	2.3	0.5	0.7	0.8	0.8
60402R	DON MILLS, SCIENCE CNTR	356 (1)	----	0.3	0.7	0.8	0.9	-	-	-	-
60403I	EVANS & ARNOLD	694 (1)	0.27	0.4	0.7	1.0	1.7	0.4	0.5	0.6	0.6
60409R	REDLANDS CRESCENT	359	0.19	0.2	0.6	0.7	0.8	0.2	0.3	0.3	0.4
60410R	LAWRENCE & KENNEDY	701 (1)	0.33	0.4	0.8	1.1	1.5	0.4	0.6	0.6	0.6
60412R	BATHURST & WILSON	698 (1)	0.46	0.6	1.2	1.6	1.8	0.6	0.9	1.0	1.0
60413R	ELMCREST ROAD	699 (1)	0.22	0.3	0.6	1.0	1.2	0.3	0.4	0.5	0.6
60414I	SHERBOURNE & WILTON ST.	693 (1)	0.52	0.7	1.3	1.7	2.6	0.7	0.9	0.9	1.0
60415R	QUEENSWAY W & HURONTARIO	351	0.17	0.2	0.5	0.8	1.2	0.2	0.4	0.5	0.5
60501C	HAMILTON, ONT. BARTON & SANFORD	697 (1)	0.51	0.6	1.3	1.9	2.2	0.6	1.1	1.2	1.2
60505R	NORTH PARK	655 (1)	0.74	1.1	1.5	2.3	2.6	1.1	1.4	1.5	1.6
60602R	SUDBURY, ONT. ASH STREET	697 (1)	****	0.1	0.3	0.4	0.5	0.1	0.2	0.3	0.3
60806R	THUNDER BAY, ONT. 435 JAMES S.	336	0.10	0.2	0.4	0.6	0.8	0.1	0.2	0.2	0.2
60901C	LONDON, ONT. KING & RECTORY	688 (1)	0.25	0.3	0.6	0.7	0.8	0.3	0.4	0.5	0.5
60902C	372 DUNDAS	358	0.21	0.3	0.5	0.6	0.9	0.3	0.3	0.4	0.4
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	697 (1)	0.24	0.3	0.6	0.7	1.0	0.3	0.5	0.5	0.6
61103C	PETERBOROUGH, ONT. 500 GEORGE STREET	276	0.11	0.2	0.5	0.7	0.9	0.1	0.3	0.4	0.4
61201R	CORNWALL, ONT. MEMORIAL PARK	697 (1)	****	0.1	0.3	0.4	0.5	0.1	0.2	0.2	0.2
61301C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	694 (1)	0.25	0.3	0.6	0.9	1.5	0.3	0.5	0.6	0.6

(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.APRIL - AVRIL
1981INDICE DE SOUILLURE
UNITES COH PAR 1000 PIEDS LINEAIRES

STATION	LOCATION EMPLACEMENT	NUMBER OF SAMPLES NOMBRE DE DONNEES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS				DISTRIBUTIONS DES FREQUENCES			
				INTERVALS - INTERVALLES				MEANS ----- MOYENNES			
				2-HOUR / HEURES				24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX
61501C	KITCHENER, ONT. EDNA & FREDERICK	357	0.24	0.3	0.7	1.0	1.2	0.3	0.4	0.5	0.5
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	285	0.30	0.4	0.9	1.0	1.8	0.4	0.6	0.7	0.7
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	695 (1)	0.32	0.4	0.8	1.2	1.3	0.4	0.6	0.7	0.8
61801C	GUELPH, ONT. FARQUHAR & WYNDHAM	150	----	0.2	0.4	0.6	0.8	0.1	0.2	0.2	0.2
70118R	WINNIPEG, MAN. JEFFERSON & SCOTIA	358	****	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.0
70119C	65 ELLEN STREET	353	0.13	0.2	0.3	0.7	0.9	0.2	0.3	0.4	0.4
70120R	604 ST. MARY'S RD.	359	****	0.1	0.2	0.4	0.6	0.1	0.1	0.2	0.2
80109C	REGINA, SASK. 1620 ALBERT STREET	0	----	-	-	-	-	-	-	-	-
80209C	SASKATOON, SASK. IDYLWYLD DR. & 33RD ST.	0	----	-	-	-	-	-	-	-	-
90122R	EDMONTON, ALTA. 127 ST. & 133 AVENUE	719 (1)	0.22	0.3	0.6	0.9	1.3	0.3	0.4	0.5	0.5
90130C	10255 - 104TH STREET	720 (1)	0.29	0.3	0.6	1.1	2.0	0.3	0.5	0.5	0.5
90218I	CALGARY, ALTA. BONNY BRK & 18A ST. S.E.	719 (1)	0.30	0.4	0.8	1.1	1.8	0.4	0.7	0.7	0.7
90222R	39 ST. & 29 AVE. N.W.	720 (1)	0.12	0.2	0.3	0.4	0.5	0.1	0.2	0.2	0.2
90227C	1611-4TH STREET S.W.	355	0.32	0.3	1.2	1.6	1.7	0.4	0.6	0.6	0.7
00102R	VANCOUVER, B.C. 100 RICHMOND STREET	0	----	-	-	-	-	-	-	-	-
00106R	2294 WEST 10TH AVENUE	0	----	-	-	-	-	-	-	-	-
00108I	250 WEST 70TH AVENUE	0	----	-	-	-	-	-	-	-	-
00110R	E. HASTINGS & KENSINGTON	0	----	-	-	-	-	-	-	-	-
00111I	ROCKY PT. PARK	224	****	0.1	0.3	0.4	0.5	0.1	0.1	0.2	0.2
00112C	ROBSON/HORNEY	0	----	-	-	-	-	-	-	-	-
00202C	PRINCE GEORGE, B.C. 1011 4TH AVENUE	321	0.20	0.3	0.5	0.6	0.7	0.3	0.3	0.4	0.4
00302C	VICTORIA, B.C. 1106 COOK ST.	355	0.21	0.3	0.7	0.8	1.2	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**** 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.

SUSPENDED PARTICULATE MATTER AND LEAD
MICROGRAMS PER CUBIC METREAPRIL - AVRIL
1981PLOMB ET PARTICULES EN SUSPENSION
MICROGRAMMES PAR METRE CUBE

STATION	LOCATION EMPLACEMENT	*----- PARTICULATES / PARTICULES -----*					MEAN MOYENNE	*----- LEAD / PLOMB -----*					MEAN MOYENNE
		----- DAY / JOUR -----						*----- DAY / JOUR -----*					
		4	10	16	22	28		4	10	16	22	28	
10101C	ST. JOHN'S, NFLD. DUCKWORTH & ORDINANCE	-	74	50	44	75	61	-	0.2	0.2	0.2	0.4	0.3
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	25	36	39	29	41	34	0.1	0.0	0.1	0.3	0.1	0.1
30101C	HALIFAX, N.S.												
30102R	N.S. TECHNICAL COLLEGE	65	67	56	67	65	64	0.1	0.2	0.2	0.2	0.3	0.2
30114R	DALHOUSIE UNIVERSITY	97	42	35	41	53	54	0.1	0.1	0.1	0.1	0.2	0.1
30115I	MT ST VINCENT UNIVERSITY	40	30	26	27	75	40	0.1	0.1	0.1	0.1	0.4	0.1
	CFB SHEARWATER	36	33	30	70	-	42	0.0	0.1	0.1	0.1	-	0.1
30310C	SYDNEY, N.S.												
30311R	COUNTY JAIL	-	-	83	45	70	66	-	-	0.3	0.1	0.6	0.4
	WHITNEY PIER FIRE STN.	220	189	87	47	116	132	1.1	1.0	0.4	0.4	0.5	0.7
30408R	GLACE BAY, N.S. SOUTH STREET	-	-	-	-	-	-	-	-	-	-	-	-
40102C	FREDERICTON, N.B. YORK STREET	76	98	26	52	88	68	0.4	0.5	0.4	0.2	0.7	0.5
40201C	SAINT JOHN, N.B. 110 CHARLOTTE STREET	120	100	53	90	120	97	0.2	0.2	0.3	0.2	0.4	0.3
40301C	MONCTON, N.B. 774 MAIN STREET	30	-	34	24	46	34	0.2	-	0.4	0.3	0.4	0.3
50102R	MONTREAL, QUEBEC												
	JARDIN BOTANIQUE	47	54	67	38	39	49	-	-	-	-	-	-
50103R	POINTE-AUX-TREMBLES	67	98	98	93	84	88	-	-	-	-	-	-
50104C	1125 ONTARIO EST	56	65	78	53	57	62	-	-	-	-	-	-
50105C	1212 DRUMMOND	-	-	-	-	-	-	-	-	-	-	-	-
50106R	VILLE ST-LAURENT	56	56	70	75	49	61	-	-	-	-	-	-
50107R	VILLE LASALLE	-	-	-	-	-	-	-	-	-	-	-	-
50108R	1700 BOURASSA, LONGUEUIL	87	93	101	-	-	94	0.5	0.6	0.6	-	-	0.6
50109C	DUNCAN & DECARIE	128	150	-	163	71	128	-	-	-	-	-	-
50110C	PARC PILON, MTL.-NORD	33	51	66	68	63	56	-	-	-	-	-	-
50111C	2900 BOUL. CONCORDE	79	175	91	48	72	93	0.4	-	-	0.3	0.3	0.3
50112C	BOUL. LAURENTIDES	73	58	60	55	70	63	0.3	0.3	0.3	0.4	0.5	0.4
50113R	PIE X & CARDINAL	62	55	51	30	40	48	0.4	0.3	0.4	0.3	0.4	0.4
50115C	METCALFE & MAISONNEUVE	-	-	-	-	-	-	-	-	-	-	-	-
50116R	3161 JOSEPH, VERDUN	59	70	72	64	50	63	-	-	-	-	-	-
50203R	HULL, QUEBEC GAMELIN & JOFFRE	69	66	99	55	57	69	0.2	0.2	0.5	0.4	0.3	0.3
50301C	QUEBEC, QUEBEC												
	PARC-AUTOS PAQ.LALIBERTE	-	-	-	-	-	-	-	-	-	-	-	-
50302R	PARC BARDY	-	-	-	-	-	-	-	-	-	-	-	-
50303I	CENTRE LOISIRS LIMOILLOU	-	-	-	-	-	-	-	-	-	-	-	-
50304C	325 DORCHESTER SUD	-	-	-	-	-	-	-	-	-	-	-	-
50306R	2026 BLVD. ST-CYRILLE	89	46	43	-	57	59	0.9	0.3	0.6	-	0.5	0.6
50402R	SHERBROOKE, QUEBEC												
	CASERNE DE POMPIERS #5	-	-	-	-	-	-	-	-	-	-	-	-
50403C	WELLINGTON & ALBERT	-	-	-	-	-	-	-	-	-	-	-	-
50502R	CHICOUTIMI, QUEBEC												
	USINE DE FILTRATION	28	51	144	-	-	74	0.3	0.3	0.3	-	-	0.3
50503C	222 RACINE	56	171	80	91	-	100	0.7	0.9	0.5	0.4	-	0.6
50601C	ROUYN, QUEBEC HOTEL DE VILLE	29	73	167	121	162	110	0.3	0.4	0.4	0.4	1.7	0.6
50701C	SEPT-ILES, QUEBEC HOTEL DE VILLE	-	-	28	26	59	38	-	0.3	0.4	0.3	0.4	0.4
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	108	109	97	77	75	93	0.5	0.6	0.5	0.6	0.5	0.5
50901R	ARVIDA, QUEBEC POWELL & HOOPES	271	125	132	50	-	145	0.7	0.9	0.5	0.3	-	0.6
51002R	TRACY, QUEBEC GARNEAU & RTE 132	61	40	84	19	12	43	0.2	0.2	0.5	0.1	0.1	0.2
51101C	THETFORD MINES, QUEBEC BOUL. STE-MARTHE	78	-	-	32	52	54	0.5	-	-	0.3	0.4	0.4
51201I	SHAWINIGAN, QUEBEC FRIGON & LAVAL	424	35	80	64	136	148	0.5	0.4	0.3	0.4	0.3	0.4
51301R	BAIE COMEAU, QUEBEC 39 AVE. MARGUETTE	-	-	-	41	-	-	-	0.2	-	0.2	-	-
60101C	OTTAWA, ONT.												
	88 SLATER ST.	76	82	101	50	58	73	0.3	0.6	0.6	0.6	0.4	0.5
60104C	RIDEAU & WURTEMBERG	51	61	-	-	47	53	0.1	0.3	-	-	0.4	0.3
60105R	NRC, MONTREAL ROAD	52	64	66	50	39	54	0.2	0.2	0.3	0.4	0.1	0.2

SUSPENDED PARTICULATE MATTER AND LEAD
MICROGRAMS PER CUBIC METRE

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PLOMB ET PARTICULES EN SUSPENSION
MICROGRAMMES PAR METRE CUBE

STATION	LOCATION EMPLACEMENT	*----- PARTICULATES / PARTICULES -----*						*----- LEAD / PLOMB -----*					
		----- DAY / JOUR -----					MEAN MOYENNE	*----- DAY / JOUR -----*					MEAN MOYENNE
		4	10	16	22	28		4	10	16	22	28	
WINDSOR, ONT.													
60201I	MORTON TERMINAL DOCK	179	98	89	53	77	99	0.2	0.2	0.2	0.1	0.2	0.2
60202C	CITY HALL	116	63	93	54	67	79	0.1	0.1	0.3	0.0	0.3	0.2
60203R	TECUMSEH WATER WORKS	-	-	-	-	-	-	-	-	-	-	-	-
60204C	471 UNIVERSITY AVENUE	110	80	94	59	-	86	0.1	0.2	0.3	0.2	0.2	0.2
KINGSTON, ONT.													
60301R	QUEEN'S UNIVERSITY	-	74	47	33	50	51	-	0.2	0.1	0.2	0.2	0.1
TORONTO, ONT.													
60401C	67 COLLEGE STREET	93	108	87	70	71	86	0.2	0.6	0.4	0.2	0.3	0.3
60402R	DON MILLS, SCIENCE CNTR	15	92	71	54	49	56	0.0	0.4	0.2	0.4	0.3	0.3
60403I	EVANS & ARNOLD	146	169	137	79	90	124	0.2	1.0	0.7	0.4	0.8	0.6
60409R	REDLANDS CRESCENT	84	76	59	94	39	70	0.0	0.2	0.2	0.1	0.1	0.1
60410R	LAWRENCE & KENNEDY	88	92	86	53	-	80	0.2	0.6	0.4	0.0	-	0.3
60412R	BATHURST & WILSON	-	-	-	-	-	-	-	-	-	-	-	-
60413R	ELMCREST ROAD	97	84	62	-	53	74	0.2	0.3	0.3	-	0.5	0.3
60414I	SHERBOURNE & WILTON ST.	128	150	105	252	-	159	0.4	1.1	0.7	0.4	-	0.7
60415R	QUEENSWAY W & HURONTARIO	132	144	72	31	29	82	0.4	0.6	0.4	0.2	0.4	0.4
HAMILTON, ONT.													
60501C	BARTON & SANFORD	96	111	-	141	-	116	0.4	0.7	-	1.4	-	0.8
60503I	CHATHAM & FRID	99	118	76	31	109	87	0.0	0.2	0.0	0.3	0.7	0.2
60505R	NORTH PARK	144	178	165	97	-	146	0.5	1.2	1.1	1.3	-	1.0
SUDBURY, ONT.													
60602R	ASH STREET	77	75	-	-	34	62	0.1	0.3	-	-	0.1	0.2
60605C	19 LISGAR STREET	-	88	-	-	-	-	-	0.3	-	-	-	-
SAULT STE. MARIE, ONT.													
60705R	550 QUEEN STREET WEST	245	107	76	-	-	143	0.6	0.4	0.0	-	-	0.3
THUNDER BAY, ONT.													
60801C	14 ALGOMA STREET	41	156	138	59	89	97	0.0	-	-	-	-	-
60806R	435 JAMES S.	27	-	88	35	64	54	0.0	-	0.0	0.0	0.1	0.0
LONDON, ONT.													
60901C	KING & RECTORY	111	126	68	89	47	88	0.3	0.3	0.3	0.3	0.3	0.3
60902C	372 DUNDAS	80	85	-	57	41	66	0.0	0.2	-	0.3	0.3	0.2
SARNIA, ONT.													
61004R	FRONT ST. AT C.N. TRACKS	125	124	101	65	55	94	0.0	0.2	0.2	0.2	0.2	0.2
PETERBOROUGH, ONT.													
61103C	500 GEORGE STREET	70	85	65	37	45	60	0.1	0.2	0.2	0.2	0.1	0.2
CORNWALL, ONT.													
61201R	MEMORIAL PARK	48	60	87	-	45	60	0.2	0.2	0.4	-	0.0	0.2
ST. CATHARINES, ONT.													
61301C	NORTH ST. & GENEVA ST.	98	154	98	-	-	117	0.2	0.4	0.3	-	-	0.3
KITCHENER, ONT.													
61501C	EDNA & FREDERICK	-	73	61	83	28	61	-	0.2	0.3	1.3	0.5	0.6
OAKVILLE, ONT.													
61602R	BRONTE AND WOBURN CRES.	-	121	43	34	13	53	-	0.4	0.2	-	0.0	0.2
OSHAWA, ONT.													
61701R	RITSON RD. & OLIVE AVE.	78	113	-	77	69	84	0.3	0.8	-	0.5	0.4	0.5
GUELPH, ONT.													
61801C	FARQUHAR & WYNDHAM	96	105	71	46	45	73	0.0	0.2	0.1	0.1	0.0	0.1
WINNIPEG, MAN.													
70102R	PORTAGE & WOODLAWN	108	248	742	76	77	250	0.6	0.4	0.6	0.6	0.7	0.6
70104I	UNION STOCK YARDS	66	198	786	53	117	244	0.1	0.2	0.3	0.2	0.2	0.2
70118R	JEFFERSON & SCOTIA	36	203	551	31	136	191	0.1	0.2	0.3	0.1	0.4	0.2
70119C	65 ELLEN STREET	90	244	659	53	139	237	0.2	0.3	0.6	0.2	0.7	0.4
70120R	604 ST. MARY'S RD.	61	210	452	38	81	168	0.2	0.1	0.4	0.2	0.4	0.3
BRANDON, MAN.													
70201C	11TH ST. & PRINCESS AVE.	61	149	887	112	61	254	0.3	0.2	0.3	0.2	0.3	0.3
REGINA, SASK.													
80102R	3211 ALBERT STREET	56	108	999	182	70	283	0.1	0.1	0.2	0.2	0.1	0.1
80108C	12TH AVE. & SMITH ST.	89	135	951	202	79	291	0.2	0.2	0.2	0.2	0.2	0.2
80109C	1620 ALBERT STREET	61	141	967	247	89	301	0.2	0.3	0.3	0.4	0.2	0.3
SASKATOON, SASK.													
80203R	30TH ST. & 833 P AVE.	76	109	136	192	-	128	0.2	0.2	0.1	0.2	-	0.2
80209C	IDYLWYLD DR. & 33RD ST.	91	-	136	215	-	147	0.2	-	0.1	0.1	-	0.1
MOOSE JAW, SASK.													
80301C	FAIRFORD ST. & 1ST AVE.	73	166	999	225	93	311	0.1	0.1	0.2	0.1	0.2	0.1
PRINCE ALBERT, SASK.													
80401C	1257-1ST AVE. EAST	153	96	178	224	144	159	0.3	0.2	0.1	0.1	0.2	0.2
EDMONTON, ALTA.													
90121I	17 STREET & 105 AVENUE	33	64	94	173	79	89	-	-	-	-	-	-
90122R	127 ST. & 133 AVENUE	48	44	64	105	67	66	-	-	-	-	-	-

SUSPENDED PARTICULATE MATTER AND LEAD
MICROGRAMS PER CUBIC METRE

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1981

PLOMB ET PARTICULES EN SUSPENSION
MICROGRAMMES PAR METRE CUBE

STATION	LOCATION EMPLACEMENT	*----- PARTICULATES / PARTICULES -----*						*----- LEAD / PLOMB -----*					
		----- DAY / JOUR -----					MEAN MOYENNE	*----- DAY / JOUR -----*					MEAN MOYENNE
		4	10	16	22	28		4	10	16	22	28	
90130C	10255 - 104TH STREET	79	136	181	139	134	134	-	-	-	-	-	-
	CALGARY, ALTA.												
90204C	316-7TH AVENUE	131	138	165	201	147	156	-	-	-	-	-	-
90218I	BONNY BRK & 18A ST. S.E.	80	113	174	260	161	158	-	-	-	-	-	-
90222R	39 ST. & 29 AVE. N.W.	-	58	-	-	75	-	-	-	-	-	-	-
	RED DEER, ALTA.												
90301C	4747 50TH STREET	90	78	49	112	62	78	-	-	-	-	-	-
	LETHBRIDGE, ALTA.												
90501C	13 ST. & 9 AVENUE S.	32	-	75	46	187	85	-	-	-	-	-	-
	YELLOWKNIFE, N.W.T.												
99001C	50TH AVE. & 49TH STREET	-	-	-	-	-	-	-	-	-	-	-	-
	VANCOUVER, B.C.												
00102R	100 RICHMOND STREET	36	30	56	37	40	40	0.4	0.2	0.4	0.5	0.5	0.4
00104R	27TH & ONTARIO	39	43	60	38	46	45	0.8	0.2	0.6	0.7	0.5	0.5
00106R	2294 WEST 10TH AVENUE	47	32	31	29	32	34	0.5	0.2	0.4	0.6	0.3	0.4
00108I	250 WEST 70TH AVENUE	-	-	-	-	-	-	-	-	-	-	-	-
00109C	970 BURRARD	39	69	78	40	61	57	0.5	0.4	0.9	0.7	0.8	0.7
00110R	E. HASTINGS & KENSINGTON	24	33	38	23	23	28	0.3	0.2	0.4	0.4	0.4	0.3
00111I	ROCKY PT. PARK	32	31	42	28	39	34	0.3	0.2	0.5	0.4	0.4	0.4
00113R	BCIT BURNABY	45	98	36	38	28	49	0.3	0.1	0.2	0.2	0.2	0.2
00114C	MUNICIPAL HALL, RICHMOND	32	46	39	30	25	34	0.6	0.3	0.6	0.7	0.4	0.5
00115R	NEWTON ELEM. SCH., SURREY	25	16	25	26	23	23	0.2	0.1	0.3	0.3	0.2	0.2
00116R	FIRE HALL, N. VANCOUVER	32	41	52	28	40	39	0.5	0.4	0.6	0.7	0.7	0.6
00117I	ANNACIS ISLAND, DELTA	31	31	43	31	32	34	0.5	0.2	0.7	0.6	0.3	0.5
	PRINCE GEORGE, B.C.												
00202C	1011 4TH AVENUE	64	63	86	80	78	74	0.2	0.1	0.2	0.3	0.2	0.2
	VICTORIA, B.C.												
00302C	1106 COOK ST.	-	48	81	36	46	53	-	0.6	0.8	0.2	0.5	0.5
	KAMLOOPS, B.C.												
00401C	301 SEYMOUR ST.	140	86	104	-	129	115	0.6	0.3	0.4	-	0.6	0.5
	WHITEHORSE, YUKON												
09001C	FEDERAL BUILDING	148	131	123	-	-	134	0.2	0.3	0.3	-	-	0.2

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

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

STATION	LOCATION EMPLACEMENT	*----- DAY / JOUR -----*				
		4	10	16	22	28
10101C	ST. JOHN'S, Nfld. DUCKWORTH & ORDINANCE	-	1	1	1	1
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	-	-	-	-	1
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	2	4	-	-	-
50103R	POINTE-AUX-TREMBLES	7	13	11	2	3
50104C	1125 ONTARIO EST	2	1	3	-	2
50105C	1212 DRUMMOND	-	-	-	-	-
50106R	VILLE ST-LAURENT	-	0	0	0	-
50109C	DUNCAN & DECARIE	8	2	-	6	2
50110C	PARC PILON, MTL.-NORD	-	-	2	1	2
50111C	2900 BOUL. CONCORDE	2	-	3	1	1
50112C	BOUL. LAURENTIDES	0	0	1	1	1
50113R	PIE X & CARDINAL	1	-	2	1	1
50115C	METCALFE & MAISONNEUVE	-	-	-	-	-
50116R	3161 JOSEPH, VERDUN	0	2	2	1	1
50203R	HULL, QUEBEC GAMELIN & JOFFRE	-	1	2	1	1
50303I	QUEBEC, QUEBEC CENTRE LOISIRS LIMOILLOU	-	-	-	-	-
50304C	325 DORCHESTER SUD	-	-	-	-	-
50306R	2026 BLVD. ST-CYRILLE	5	0	2	-	1
50601C	ROUYN, QUEBEC HOTEL DE VILLE	0	-	0	1	10
50701C	SEPT-ILES, QUEBEC HOTEL DE VILLE	-	-	0	0	1
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	7	3	-	4	1
50901R	ARVIDA, QUEBEC POWELL & HOOPES	-	-	-	-	-
51201I	SHAWINIGAN, QUEBEC FRIGON & LAVAL	56	1	4	2	11
51301R	BAIE COMEAU, QUEBEC 39 AVE. MARGUETTE	-	-	-	-	-
60101C	OTTAWA, ONT. 88 SLATER ST.	1	2	3	2	1
60104C	RIDEAU & WURTEMBERG	0	1	-	-	2
60105R	NRC, MONTREAL ROAD	0	1	0	1	0
60201I	WINDSOR, ONT. MORTON TERMINAL DOCK	6	2	4	2	1
60204C	471 UNIVERSITY AVENUE	2	2	5	3	-
60401C	TORONTO, ONT. 67 COLLEGE STREET	2	3	3	0	1
60402R	DON MILLS, SCIENCE CNTR	-	3	2	1	1
60403I	EVANS & ARNOLD	4	4	1	0	0
60409R	REDLANDS CRESCENT	0	0	0	0	0
60410R	LAWRENCE & KENNEDY	4	7	7	0	-
60412R	BATHURST & WILSON	-	-	-	-	-
60413R	ELMCREST ROAD	2	1	1	-	1
60414I	SHERBOURNE & WILTON ST.	7	8	4	0	-
60415R	QUEENSWAY W & HURONTARIO	2	3	0	-	-
60501C	HAMILTON, ONT. BARTON & SANFORD	1	2	-	17	-
60505R	NORTH PARK	6	22	20	1	-
60602R	SUDBURY, ONT. ASH STREET	-	4	-	-	2
60806R	THUNDER BAY, ONT. 435 JAMES S.	0	-	0	0	0
60901C	LONDON, ONT. KING & RECTORY	3	2	1	3	1

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

APRIL - AVRIL
1981

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	23	16	15	-	1
61103C	PETERBOROUGH, ONT. 500 GEORGE STREET	0	0	0	0	0
61201R	CORNWALL, ONT. MEMORIAL PARK	1	1	1	-	1
61301C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	1	6	4	-	-
61501C	KITCHENER, ONT. EDNA & FREDERICK	-	1	0	1	0
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	-	2	1	-	0
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	1	3	-	2	0
61801C	GUELPH, ONT. FARQUHAR & WYNDHAM	0	5	-	-	-
70118R	WINNIPEG, MAN. JEFFERSON & SCOTIA	0	1	0	0	0
70119C	65 ELLEN STREET	1	0	21	0	0
70120R	604 ST. MARY'S RD.	0	0	-	0	0
80109C	REGINA, SASK. 1620 ALBERT STREET	-	0	0	0	0
80209C	SASKATOON, SASK. IDYLYLD DR. & 33RD ST.	-	-	0	0	-
80301C	MOOSE JAW, SASK. FAIRFORD ST. & 1ST AVE.	-	-	0	0	0
80401C	PRINCE ALBERT, SASK. 1257-1ST AVE. EAST	0	0	0	0	0
90121I	EDMONTON, ALTA. 17 STREET & 105 AVENUE	0	0	0	1	0
90218I	CALGARY, ALTA. BONNY BRK & 18A ST. S.E.	0	0	0	0	0
90222R	39 ST. & 29 AVE. N.W.	-	0	-	-	0
00106R	VANCOUVER, B.C. 2294 WEST 10TH AVENUE	1	0	0	0	0
00110R	E. HASTINGS & KENSINGTON	0	0	0	0	0
00111I	ROCKY PT. PARK	-	-	-	-	-
00302C	VICTORIA, B.C. 1106 COOK ST.	-	-	-	-	-
00401C	KAMLOOPS, B.C. 301 SEYMOUR ST.	-	-	-	-	-

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

APRIL - AVRIL
1981

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

STATION	LOCATION EMPLACEMENT	DUSTFALL RETOMBEES DE POUSSIERES	SO3
SYDNEY, N.S.			
30301R	MURPHY ROAD	3.6	0.2 **
30309I	PT EDWARD, RICHMOND PLST	5.2	0.1 **
30310C	COUNTY JAIL	8.9	0.1 **
30311R	WHITNEY PIER FIRE STN.	22.8	0.4 **
GLACE BAY, N.S.			
30401R	LAKE ROAD	26.7	1.2 **
30405C	GENERAL HOSPITAL	5.2	0.1 **
MONTREAL, QUEBEC			
50101R	PARC JARRY	-	0.6 *
50102R	JARDIN BOTANIQUE	-	- *
50103R	POINTE-AUX-TREMBLES	9.0	-
50106R	VILLE ST-LAURENT	19.0	0.6 *
50107R	VILLE LASALLE	-	- *
TORONTO, ONT.			
60401C	67 COLLEGE STREET	4.2	-
60403I	EVANS & ARNOLD	4.4	-
60404R	5126 YONGE STREET	5.1	-
60405I	JOHN STREET PUMP STATION	9.0	-
60406R	ROSEHILL RESERVOIR	3.0	-
60408C	DANFORTH & ROBINSON	4.8	-
HAMILTON, ONT.			
60501C	BARTON & SANFORD	3.5	-
60502I	BURLINGTON & GAGE	14.6	-
60503I	CHATHAM & FRID	10.0	-
60507C	HUGHSON & HUNTER	6.9	-
60510I	STRATHEARN	22.3	-
SAULT STE. MARIE, ONT.			
60702R	ANNA MCREA PUBLIC SCHOOL	4.8	-
60703I	BAYVIEW & YOUNG	21.1	-
THUNDER BAY, ONT.			
60801C	14 ALGOMA STREET	-	-
LONDON, ONT.			
60901C	KING & RECTORY	4.7	-
WINNIPEG, MAN.			
70105R	MARTIN & HENDERSON HWY	43.3	0.1 **
70110C	KENNEDY & ST. MARY'S	40.9	-
70113I	WINDERMERE & ROCKMAN	23.0	0.0 **
70115C	PORTAGE & MINTO	61.3	0.1 **
70116I	SMITH & KING	77.0	0.1 **
EDMONTON, ALTA.			
90125C	PRINS ELIZABETH & 108 ST	10.6	- **
90126R	77 AVENUE & 85 STREET	11.3	0.1 **
90127I	115 AVENUE & 159 STREET	26.5	0.2 **
90128R	99 AVENUE & 160 STREET	-	- **
CALGARY, ALTA.			
90219C	520-7TH AVENUE, S.W.	11.8	- **
90221R	DALHOUSIE DR & DALHAM DR	6.7	- **
90223C	11 ST. & 38 AVE. S.E.	7.3	- **
90224I	OGDENDALE & 71 AVE S.E.	12.7	0.2 **
90225R	PALLISER DR & OAKWOOD SW	3.8	0.1 **
90226I	SHEPPARD & 84 AVE S.E.	4.0	0.2 **

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

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