Table D5.1.4 Wind Direction Distribution

STATION : JM2

PERIOD : 1993/5/16～1994/5/15

PERIOD		WIND DIRECTION (%)																CLM	A-WS
		N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	(%)	(M/S)
NON-HEATING SEASON	MORNING	33.5	17.5	5.7	3.1	3.4	3.9	2.6	3.8	4.6	5.9	4.7	1.3	0.6	0.3	0.5	2.3	6.3	2.0
	AFTERNOON	7.0	10.7	7.0	5.7	6.5	6.0	5.6	6.9	8.3	12.2	9.7	5.3	2.6	2.0	2.0	2.1	0.2	2.9
	EVENING	12.0	7.8	3.9	2.3	3.2	2.2	2.0	3.8	5.9	7.8	8.3	6.5	5.4	3.9	3.0	8.2	13.9	1.8
	MIDNIGHT	35.6	4.4	0.9	0.5	0.3	0.2	0.4	1.5	3.6	3.8	5.6	3.7	3.4	1.9	1.3	13.5	19.6	1.3
	DAY	22.1	9.5	4.2	2.8	3.2	2.9	2.6	3.9	5.6	7.3	7.1	4.3	3.1	2.1	1.7	7.0	10.6	2.0
HEATING SEASON	MORNING	29.2	8.1	3.0	2.0	0.8	1.0	1.9	4.0	7.9	10.1	8.4	4.2	2.4	0.9	0.7	4.8	10.4	2.3
	AFTERNOON	16.0	10.5	4.4	3.2	2.9	2.2	2.5	5.8	7.6	13.9	11.5	3.9	2.4	2.8	2.3	2.6	5.4	2.7
	EVENING	24.0	3.6	1.2	1.0	1.0	0.9	0.8	2.9	6.5	9.5	11.0	6.2	3.5	1.8	2.3	10.7	13.1	2.0
	MIDNIGHT	31.7	3.7	2.1	0.9	0.6	0.5	0.7	2.1	7.5	9.3	9.1	4.0	2.1	1.5	1.5	9.6	13.1	2.1
	DAY	25.3	6.3	2.6	1.7	1.3	1.1	1.4	3.7	7.4	10.7	10.1	4.6	2.6	1.8	1.7	7.1	10.6	2.3
ALL SEASON	MORNING	31.3	12.8	4.4	2.6	2.1	2.4	2.2	3.9	6.2	8.0	6.6	2.7	1.5	0.6	0.6	3.6	8.3	2.2
	AFTERNOON	11.5	10.6	5.7	4.4	4.7	4.1	4.1	6.4	8.0	13.1	10.6	4.6	2.5	2.4	2.2	2.3	2.8	2.8
	EVENING	18.0	5.7	2.5	1.6	2.1	1.6	1.4	3.4	6.2	8.6	9.7	6.3	4.4	2.8	2.6	9.4	13.5	1.9
	MIDNIGHT	33.7	4.1	1.5	0.7	0.5	0.3	0.5	1.8	5.6	6.5	7.4	3.8	2.8	1.7	1.4	11.5	16.3	1.7
	DAY	23.7	7.9	3.4	2.2	2.3	2.0	2.0	3.8	6.5	9.0	8.6	4.4	2.9	1.9	1.7	7.0	10.6	2.1

Table D5.1.5 Wind Direction Distribution

STATION : MISKOLC

PERIOD : 1993/5/16～1994/5/15

PERIOD		WIND DIRECTION (%)																CLM	A-WS
		N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	(%)	(M/S)
NON-HEATING SEASON	MORNING	9.9	8.3	9.5	5.6	6.1	5.0	8.6	13.2	9.3	3.9	2.2	0.7	1.5	2.1	6.1	5.2	2.6	1.6
	AFTERNOON	4.1	3.6	5.7	5.3	5.0	4.7	4.9	9.8	16.3	6.2	7.2	3.3	3.3	4.9	9.4	5.7	0.5	2.2
	EVENING	5.2	4.1	4.5	3.7	2.6	1.5	2.6	5.5	11.0	8.4	5.6	2.4	4.2	11.5	16.8	8.2	2.4	1.5
	MIDNIGHT	9.0	4.6	3.2	1.7	1.1	1.6	2.4	3.0	7.0	4.6	2.9	1.1	1.5	7.7	25.6	15.9	7.1	1.2
	DAY	7.0	5.0	5.5	3.9	3.5	3.1	4.4	7.4	10.8	5.8	4.5	1.9	2.6	6.8	15.3	9.2	3.3	1.6
HEATING SEASON	MORNING	9.5	5.7	6.0	1.6	2.5	2.3	4.4	8.2	18.6	5.6	3.3	0.5	0.7	3.2	11.8	7.3	8.8	1.8
	AFTERNOON	5.1	4.5	5.8	3.3	4.7	3.1	5.2	12.9	15.8	9.4	4.5	1.2	1.5	3.1	10.8	4.9	4.1	2.0
	EVENING	6.8	5.1	3.3	0.7	1.5	1.3	3.8	4.9	11.0	8.6	7.4	2.1	3.3	7.7	13.4	8.7	10.4	1.4
	MIDNIGHT	10.5	4.1	3.3	0.9	1.9	1.9	2.6	5.2	13.5	7.7	4.5	0.5	2.0	6.7	14.0	10.4	10.6	1.3
	DAY	8.0	4.8	4.5	1.6	2.6	2.1	3.9	7.7	14.5	7.9	5.0	1.1	1.9	5.3	12.6	7.9	8.6	1.6
ALL SEASON	MORNING	9.7	7.0	7.8	3.6	4.3	3.7	6.5	10.7	13.9	4.8	2.7	0.6	1.1	2.6	8.9	6.2	5.7	1.7
	AFTERNOON	4.6	4.1	5.8	4.3	4.8	3.9	5.1	11.4	16.1	7.8	5.8	2.2	2.4	4.0	10.1	5.3	2.3	2.1
	EVENING	6.0	4.6	3.9	2.2	2.0	1.4	3.2	5.2	11.0	8.5	6.5	2.2	3.7	9.6	15.1	8.4	6.4	1.4
	MIDNIGHT	9.7	4.3	3.2	1.3	1.5	1.8	2.5	4.1	10.3	6.1	3.7	0.8	1.7	7.2	19.8	13.2	8.8	1.3
	DAY	7.5	4.9	5.0	2.8	3.0	2.6	4.2	7.6	12.7	6.9	4.7	1.5	2.3	6.0	13.9	8.6	5.9	1.6

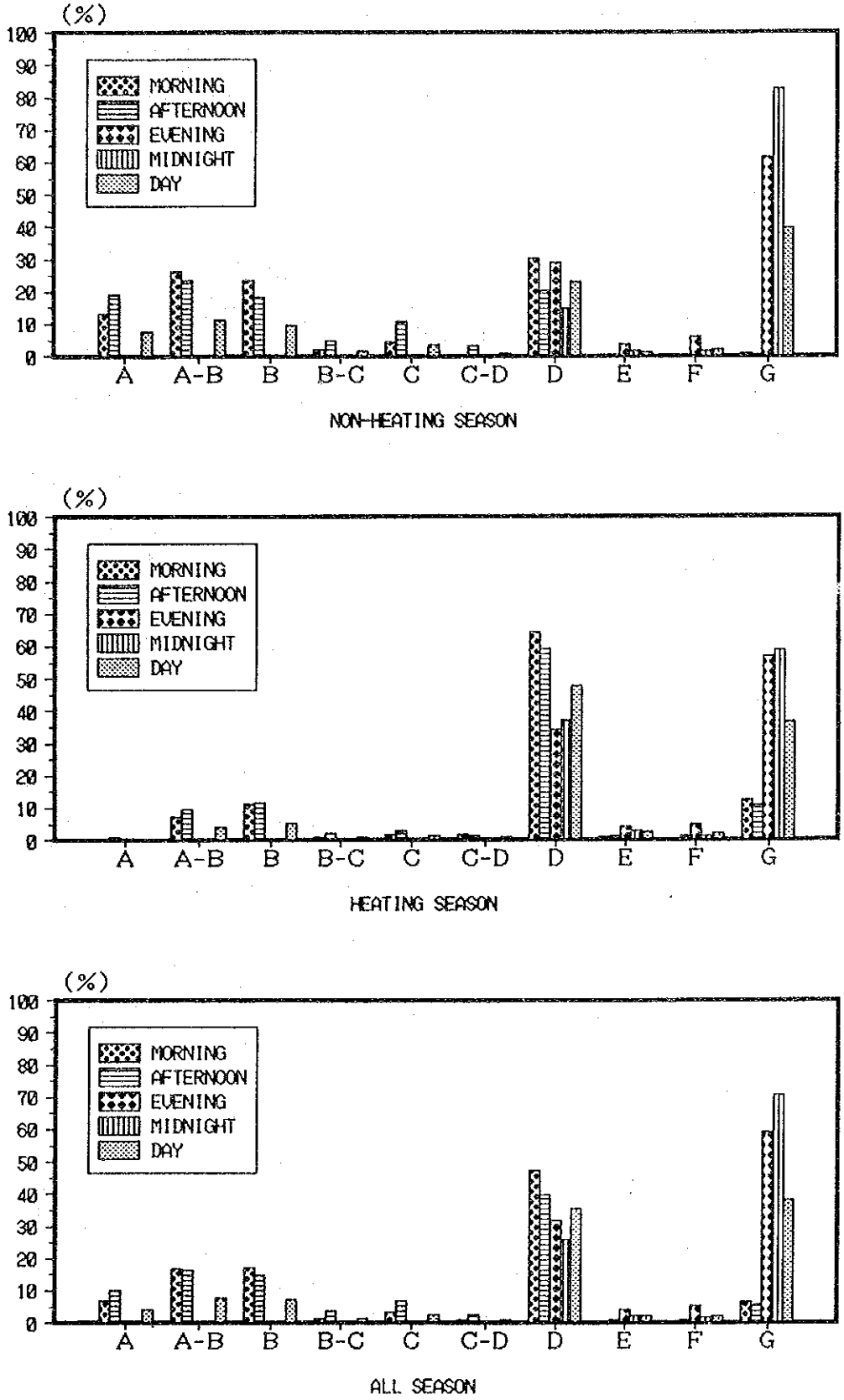
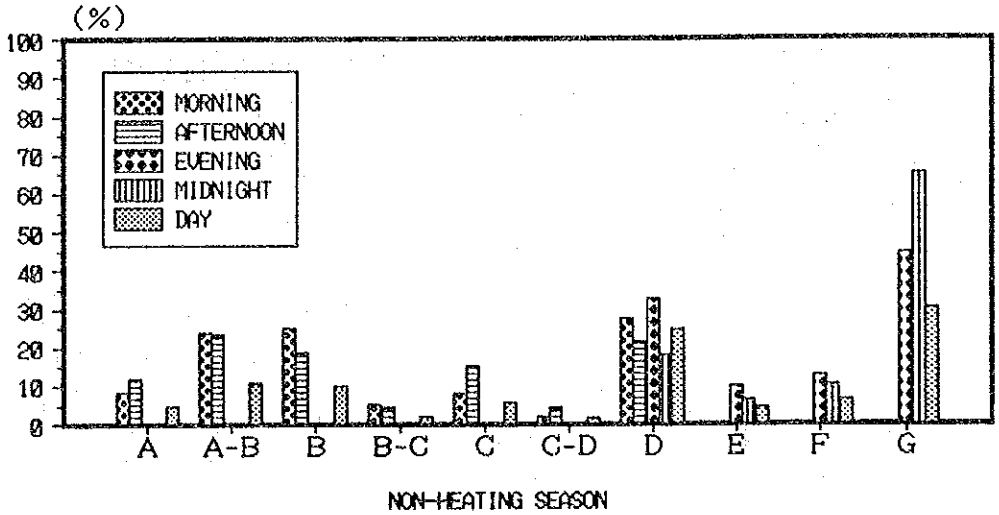
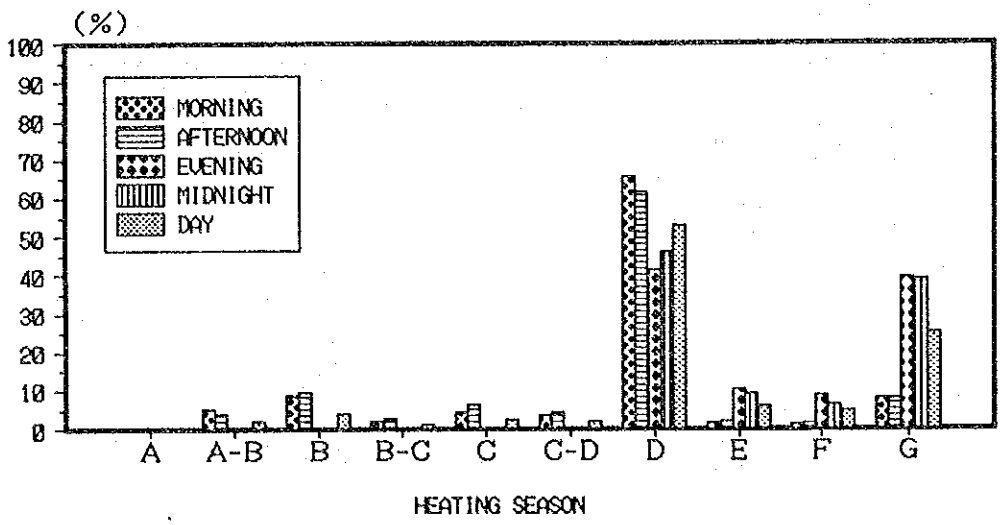


Figure D5.1.6 Appearance Frequency of Atmospheric Stability (JF1)





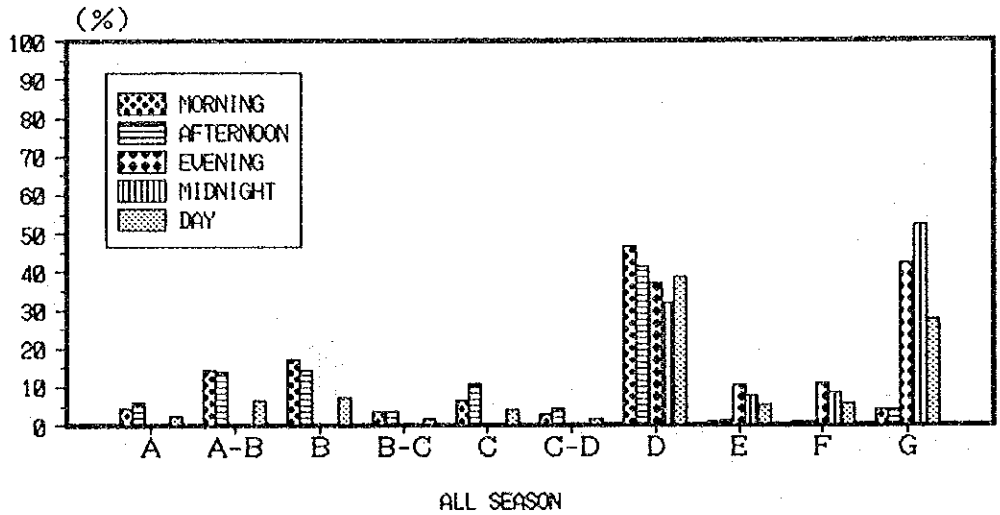


Figure D5.1.7 Appearance Frequency of Atmospheric Stability (JF2)

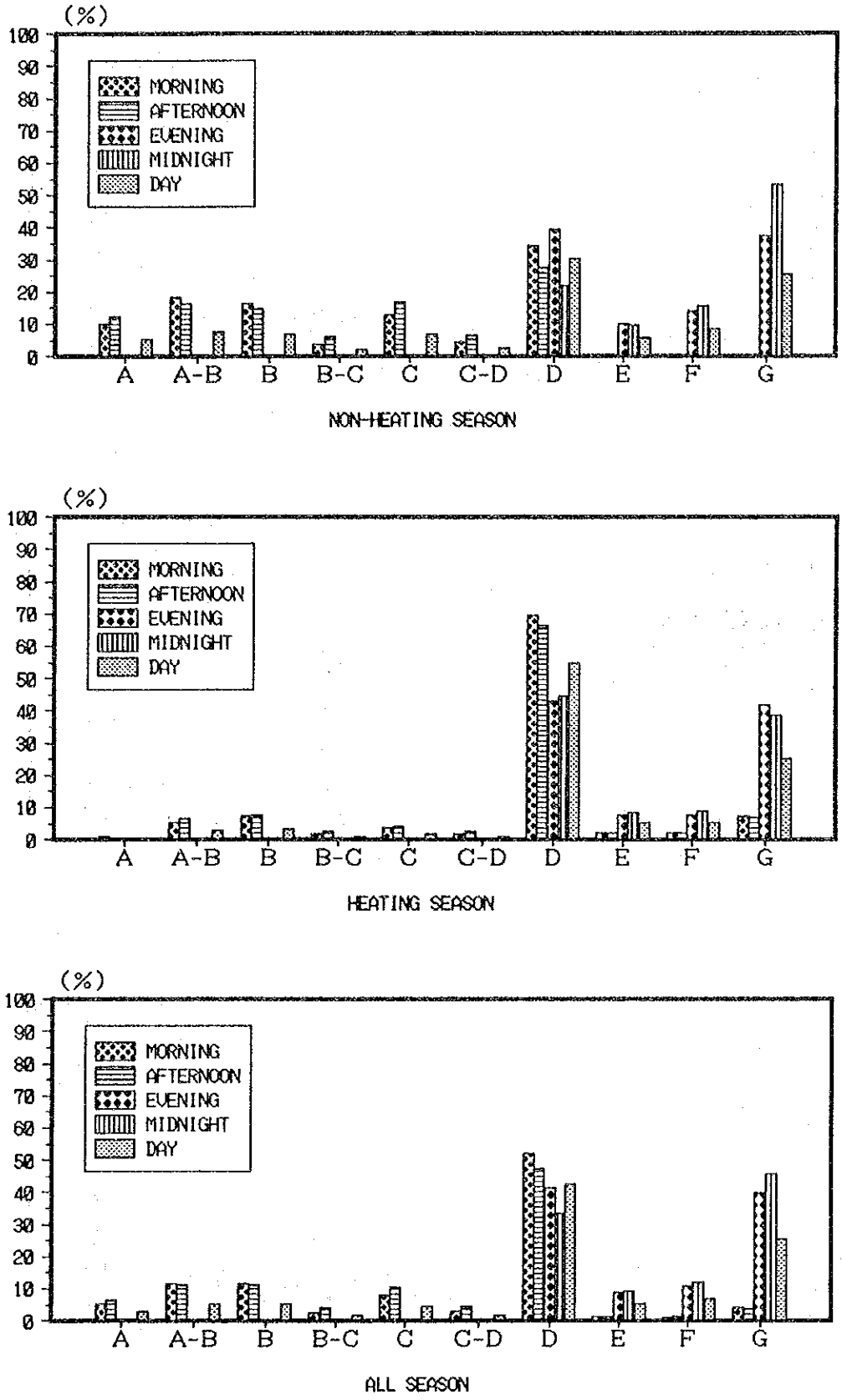
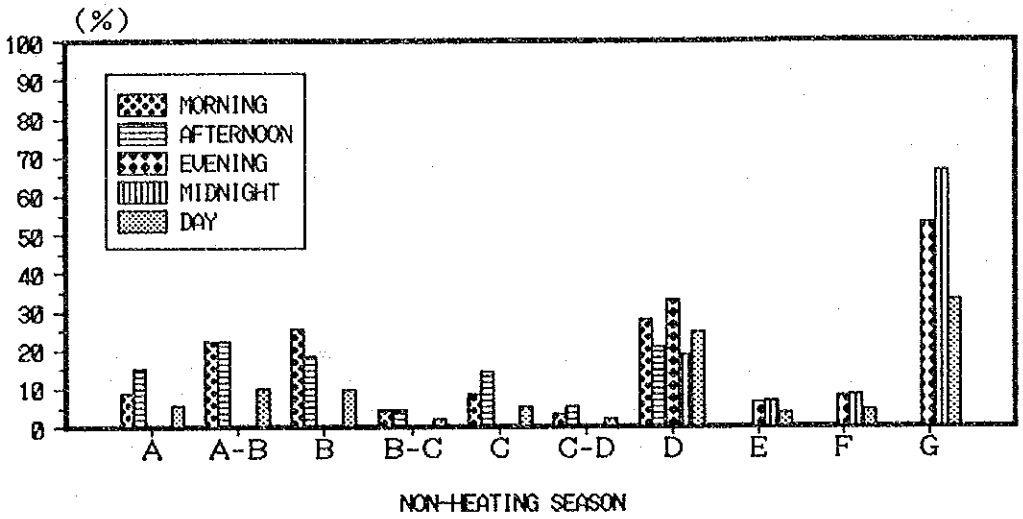
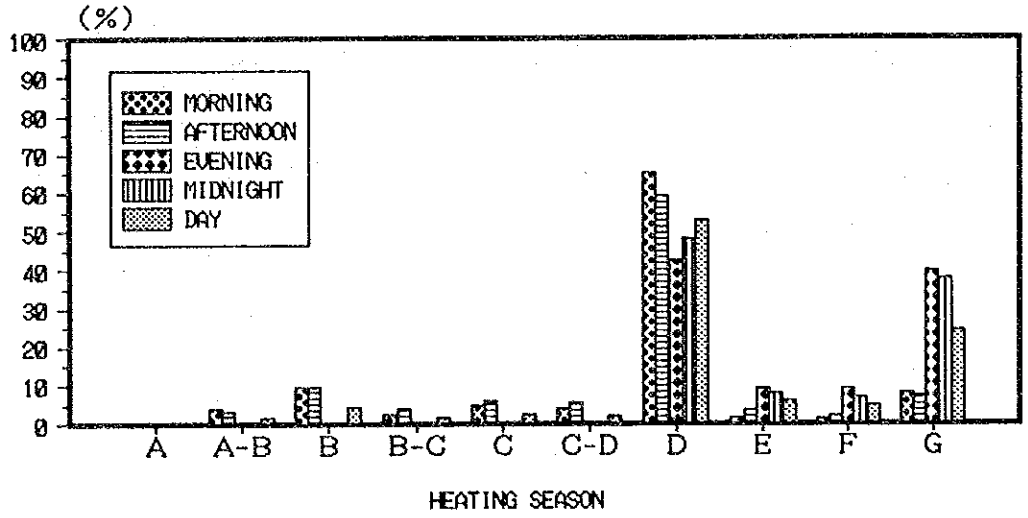


Figure D5.1.8 Appearance Frequency of Atmospheric Stability (JM1)





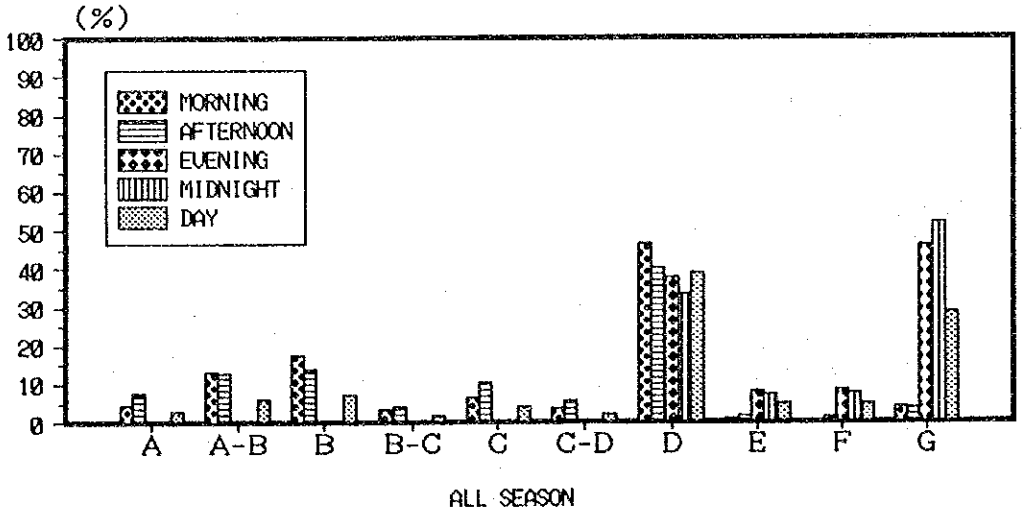


Figure D5.1.9 Appearance Frequency of Atmospheric Stability (JM2)

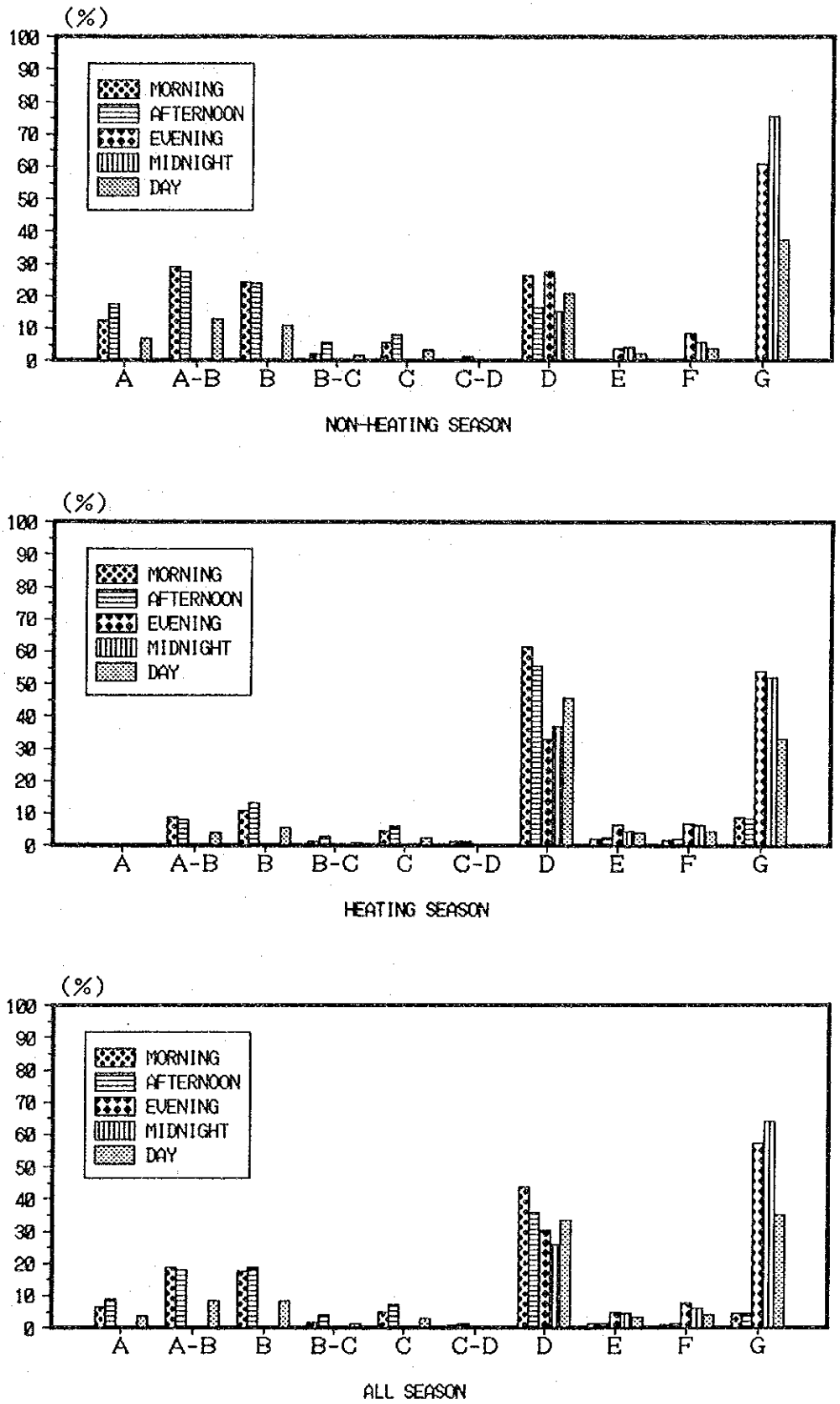


Figure D5.1.10 Appearance Frequency of Atmospheric Stability (MISKOLC)

Table D5.1.6 Appearance Frequency of Atmospheric Stability

STATION : JF1 PERIOD : 1993/5/16～1994/5/15

PERIOD		ATOMOSPHERIC STABILITY (PASQUILL)										TOTAL
		A	A-B	B	B-C	C	C-D	D	E	F	G	
NON-HEATING SEASON	MORNING	228	451	402	37	74	3	521			11	1,727
		13.2	26.1	23.3	2.1	4.3	0.2	30.2			0.6	100.0
	AFTERNOON	400	487	379	103	228	68	423			1	2,089
		19.1	23.3	18.1	4.9	10.9	3.3	20.2			0.0	100.0
	EVENING							603	76	120	1280	2,079
								29.0	3.7	5.8	61.6	100.0
	MIDNIGHT							356	35	36	2004	2,431
								14.6	1.4	1.5	82.4	100.0
	DAY	628	938	781	140	302	71	1,903	111	156	3,296	8,326
		7.5	11.3	9.4	1.7	3.6	0.9	22.9	1.3	1.9	39.6	100.0
HEATING SEASON	MORNING	8	125	192	11	31	25	1119	13	5	213	1,742
		0.5	7.2	11.0	0.6	1.8	1.4	64.2	0.7	0.3	12.2	100.0
	AFTERNOON	18	193	237	39	57	28	1218	26	25	224	2,065
		0.9	9.3	11.5	1.9	2.8	1.4	59.0	1.3	1.2	10.8	100.0
	EVENING							717	85	99	1187	2,088
								34.3	4.1	4.7	56.8	100.0
	MIDNIGHT							908	67	34	1438	2,447
								37.1	2.7	1.4	58.8	100.0
	DAY	26	318	429	50	88	53	3,962	191	163	3,062	8,342
		0.3	3.8	5.1	0.6	1.1	0.6	47.5	2.3	2.0	36.7	100.0
ALL SEASON	MORNING	236	576	594	48	105	28	1640	13	5	224	3,469
		6.8	16.6	17.1	1.4	3.0	0.8	47.3	0.4	0.1	6.5	100.0
	AFTERNOON	418	680	616	142	285	96	1641	26	25	225	4,154
		10.1	16.4	14.8	3.4	6.9	2.3	39.5	0.6	0.6	5.4	100.0
	EVENING							1320	161	219	2467	4,167
								31.7	3.9	5.3	59.2	100.0
	MIDNIGHT							1264	102	70	3442	4,878
								25.9	2.1	1.4	70.6	100.0
	DAY	654	1,256	1,210	190	390	124	5,865	302	319	6,358	16,668
		3.9	7.5	7.3	1.1	2.3	0.7	35.2	1.8	1.9	38.1	100.0

Table D5.1.7 Appearance Frequency of Atmospheric Stability

STATION : JF2 PERIOD : 1993/5/16～1994/5/15

PERIOD		ATOMOSPHERIC STABILITY (PASQUILL)										TOTAL
		A	A-B	B	B-C	C	C-D	D	E	F	G	
NON-HEATING SEASON	MORNING	150	427	448	92	142	36	496	2	2	7	1,802
		8.3	23.7	24.9	5.1	7.9	2.0	27.5	0.1	0.1	0.4	100.0
	AFTERNOON	257	508	406	95	328	94	466			1	2,155
		11.9	23.6	18.8	4.4	15.2	4.4	21.6			0.0	100.0
	EVENING							699	216	270	954	2,139
								32.7	10.1	12.6	44.6	100.0
	MIDNIGHT					2		448	163	259	1637	2,509
						0.1		17.9	6.5	10.3	65.2	100.0
	DAY	407	935	854	187	472	130	2,109	381	531	2,599	8,605
		4.7	10.9	9.9	2.2	5.5	1.5	24.5	4.4	6.2	30.2	100.0
HEATING SEASON	MORNING	2	90	156	32	80	60	1160	31	22	140	1,773
		0.1	5.1	8.8	1.8	4.5	3.4	65.4	1.7	1.2	7.9	100.0
	AFTERNOON	2	88	200	58	132	93	1303	44	31	165	2,116
		0.1	4.2	9.5	2.7	6.2	4.4	61.6	2.1	1.5	7.8	100.0
	EVENING							890	226	191	847	2,154
								41.3	10.5	8.9	39.3	100.0
	MIDNIGHT							1151	224	156	974	2,505
								45.9	8.9	6.2	38.9	100.0
	DAY	4	178	356	90	212	153	4,504	525	400	2,126	8,548
		0.0	2.1	4.2	1.1	2.5	1.8	52.7	6.1	4.7	24.9	100.0
ALL SEASON	MORNING	152	517	604	124	222	96	1656	33	24	147	3,575
		4.3	14.5	16.9	3.5	6.2	2.7	46.3	0.9	0.7	4.1	100.0
	AFTERNOON	259	596	606	153	460	187	1769	44	31	166	4,271
		6.1	14.0	14.2	3.6	10.8	4.4	41.4	1.0	0.7	3.9	100.0
	EVENING							1589	442	461	1801	4,293
								37.0	10.3	10.7	42.0	100.0
	MIDNIGHT					2		1599	387	415	2611	5,014
						0.0		31.9	7.7	8.3	52.1	100.0
	DAY	411	1,113	1,210	277	684	283	6,613	906	931	4,725	17,153
		2.4	6.5	7.1	1.6	4.0	1.6	38.6	5.3	5.4	27.5	100.0

Table D5.1.8 Appearance Frequency of Atmospheric Stability

STATION : JM1 PERIOD : 1993/5/16～1994/5/15

PERIOD		ATOMOSPHERIC STABILITY (PASQUILL)										TOTAL
		A	A-B	B	B-C	C	C-D	D	E	F	G	
NON-HEATING SEASON	MORNING	169	311	280	52	214	77	580	1		9	1,703
		9.9	18.3	16.4	3.6	12.6	4.5	34.1	0.1		0.5	100.0
	AFTERNOON	256	334	301	120	347	134	568	1			2,061
		12.4	16.2	14.6	5.8	16.8	6.5	27.6	0.0			100.0
	EVENING							850	213	297	807	2,167
								39.2	9.8	13.7	37.2	100.0
	MIDNIGHT							555	240	393	1349	2,537
								21.9	9.5	15.5	53.2	100.0
	DAY	425	645	581	182	561	211	2,553	455	690	2,165	8,468
		5.0	7.6	6.9	2.1	6.6	2.5	30.1	5.4	8.1	25.6	100.0
HEATING SEASON	MORNING	11	93	124	25	66	26	1227	37	32	130	1,771
		0.6	5.3	7.0	1.4	3.7	1.5	69.3	2.1	1.8	7.3	100.0
	AFTERNOON	8	132	163	47	85	47	1404	43	43	142	2,114
		0.4	6.2	7.7	2.2	4.0	2.2	66.4	2.0	2.0	6.7	100.0
	EVENING							939	163	168	911	2,181
								43.1	7.5	7.7	41.8	100.0
	MIDNIGHT							1131	214	218	974	2,537
								44.6	8.4	8.6	38.4	100.0
	DAY	19	225	287	72	151	73	4,701	457	461	2,157	8,603
		0.2	2.6	3.3	0.8	1.8	0.8	54.6	5.3	5.4	25.1	100.0
ALL SEASON	MORNING	180	404	404	87	280	103	1807	38	32	139	3,474
		5.2	11.6	11.6	2.5	8.1	3.0	52.0	1.1	0.9	4.0	100.0
	AFTERNOON	264	466	464	167	432	181	1972	44	43	142	4,175
		6.3	11.2	11.1	4.0	10.3	4.3	47.2	1.1	1.0	3.4	100.0
	EVENING							1789	376	465	1718	4,348
								41.1	8.6	10.7	39.5	100.0
	MIDNIGHT							1686	454	611	2323	5,074
								33.2	8.9	12.0	45.8	100.0
	DAY	444	870	868	254	712	284	7,254	912	1,151	4,322	17,071
		2.6	5.1	5.1	1.5	4.2	1.7	42.5	5.3	6.7	25.3	100.0

Table D5.1.9 Appearance Frequency of Atmospheric Stability

STATION : JM2

PERIOD : 1993/5/16～1994/5/15

PERIOD		ATOMOSPHERIC STABILITY (PASQUILL)										TOTAL
		A	A-B	B	B-C	C	C-D	D	E	F	G	
NON-HEATING SEASON	MORNING	155 8.7	391 22.1	447 25.2	79 4.5	147 8.3	53 3.0	494 27.9	1 0.1	1 0.1	5 0.3	1,773 100.0
	AFTERNOON	319 14.9	478 22.4	388 18.2	92 4.3	305 14.3	112 5.2	439 20.6			1 0.0	2,134 100.0
	EVENING							716 32.9	142 6.5	170 7.8	1151 52.8	2,179 100.0
	MIDNIGHT			2 0.1				475 18.6	170 6.7	213 8.3	1691 66.3	2,551 100.0
	DAY	474 5.5	869 10.1	837 9.7	171 2.0	452 5.2	165 1.9	2,124 24.6	313 3.6	384 4.4	2,848 33.0	8,637 100.0
HEATING SEASON	MORNING	1 0.1	74 4.2	167 9.4	39 2.2	82 4.6	70 3.9	1158 65.0	31 1.7	18 1.0	141 7.9	1,781 100.0
	AFTERNOON	2 0.1	71 3.3	203 9.5	81 3.8	128 6.0	117 5.5	1265 59.3	72 3.4	44 2.1	150 7.0	2,133 100.0
	EVENING							919 42.3	197 9.1	197 9.1	859 39.5	2,172 100.0
	MIDNIGHT							1213 48.0	198 7.8	168 6.6	949 37.5	2,528 100.0
	DAY	3 0.0	145 1.7	370 4.3	120 1.4	210 2.4	187 2.2	4,555 52.9	498 5.8	427 5.0	2,099 24.4	8,614 100.0
ALL SEASON	MORNING	156 4.4	465 13.1	614 17.3	118 3.3	229 6.4	123 3.5	1652 46.5	32 0.9	19 0.5	146 4.1	3,554 100.0
	AFTERNOON	321 7.5	549 12.9	591 13.9	173 4.1	433 10.1	229 5.4	1704 39.9	72 1.7	44 1.0	151 3.5	4,267 100.0
	EVENING							1635 37.6	339 7.8	367 8.4	2010 46.2	4,351 100.0
	MIDNIGHT			2 0.0				1688 33.2	368 7.2	381 7.5	2640 52.0	5,079 100.0
	DAY	477 2.8	1,014 5.9	1,207 7.0	291 1.7	662 3.8	352 2.0	6,679 38.7	811 4.7	811 4.7	4,947 28.7	17,251 100.0

Table D5.1.10 Appearance Frequency of Atmospheric Stability

STATION : MISKOLC (AVAS) PERIOD : 1993/5/16～1994/5/15

PERIOD		ATOMOSPHERIC STABILITY (PASQUILL)										TOTAL
		A	A-B	B	B-C	C	C-D	D	E	F	G	
NON-HEATING SEASON	MORNING	222	519	433	35	98	9	475	1		10	1,802
		12.3	28.8	24.0	1.9	5.4	0.5	26.4	0.1		0.6	100.0
	AFTERNOON	377	589	514	118	175	29	354			1	2,157
		17.5	27.3	23.8	5.5	8.1	1.3	16.4			0.0	100.0
	EVENING							597	77	184	1323	2,181
								27.4	3.5	8.4	60.7	100.0
	MIDNIGHT					2		383	104	143	1921	2,553
						0.1		15.0	4.1	5.6	75.2	100.0
	DAY	599	1,108	947	153	275	38	1,809	182	327	3,255	8,693
		6.9	12.7	10.9	1.8	3.2	0.4	20.8	2.1	3.8	37.4	100.0
HEATING SEASON	MORNING	5	155	196	21	78	20	1103	37	28	154	1,797
		0.3	8.6	10.9	1.2	4.3	1.1	61.4	2.1	1.6	8.6	100.0
	AFTERNOON	6	172	285	60	127	24	1189	55	45	180	2,143
		0.3	8.0	13.3	2.8	5.9	1.1	55.5	2.6	2.1	8.4	100.0
	EVENING							718	135	149	1180	2,182
								32.9	6.2	6.8	54.1	100.0
	MIDNIGHT							941	110	164	1326	2,541
								37.0	4.3	6.5	52.2	100.0
	DAY	11	327	481	81	205	44	3,951	337	386	2,840	8,663
		0.1	3.8	5.6	0.9	2.4	0.5	45.6	3.9	4.5	32.8	100.0
ALL SEASON	MORNING	227	674	629	56	176	29	1578	38	28	164	3,599
		6.3	18.7	17.5	1.6	4.9	0.8	43.8	1.1	0.8	4.6	100.0
	AFTERNOON	383	761	799	178	302	53	1543	55	45	181	4,300
		8.9	17.7	18.6	4.1	7.0	1.2	35.9	1.3	1.0	4.2	100.0
	EVENING							1315	212	333	2503	4,363
								30.1	4.9	7.6	57.4	100.0
	MIDNIGHT					2		1324	214	307	3247	5,094
						0.0		26.0	4.2	6.0	63.7	100.0
	DAY	610	1,435	1,428	234	480	82	5,760	519	713	6,095	17,356
		3.5	8.3	8.2	1.3	2.8	0.5	33.2	3.0	4.1	35.1	100.0

Table D5.1.11 Meteorological Condition for Simulation

STATION : JF1 ALL SEASON PERIOD : 1993/5/16～1994/5/15

STABI-LITY	WINDSPEED (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	CLM	TOTAL
		WIND DIRECTION (FREQUENCY)																	
UN-STABLE (A～B-C)	～0.4																	312	312
	0.5～0.9	10	7	9	9	8	33	46	25	33	23	37	74	140	146	54	15		669
	1.0～1.9	13	16	19	20	44	142	117	41	36	29	71	106	264	278	104	30		1330
	2.0～2.9	5	7	10	16	51	130	92	19	10	15	32	74	87	95	28	9		680
	3.0～3.9		2	1	2	14	53	40	3	5	15	12	34	84	41	11	2		319
	4.0～5.9																		
	6.0～7.9																		
	8.0～																		
	TOTAL	28	32	39	47	117	358	295	88	84	82	152	288	575	560	197	56	312	3310
NEUTRAL (C～D)	～0.4																	1508	1508
	0.5～0.9	36	21	35	26	93	248	131	23	18	16	35	67	187	190	157	92		1375
	1.0～1.9	19	15	16	28	170	553	171	14	21	23	38	60	161	153	94	41		1577
	2.0～2.9	12	13	10	26	150	300	46	14	18	11	21	55	62	59	22	6		825
	3.0～3.9	6	2	7	24	45	70	6	2	7	15	11	34	93	35	9	4		370
	4.0～5.9	1	1	3	30	36	26	1	1	4	20	21	69	307	66	9	1		596
	6.0～7.9				2	2	2			1		3	2	83	12	1			108
	8.0～													5					5
	TOTAL	74	52	71	136	496	1199	355	54	69	85	129	287	898	515	292	144	1508	6364
STABLE (E～G)	～0.4																	2831	2831
	0.5～0.9	121	58	148	151	243	310	80	9	9	14	15	34	111	177	262	226		1968
	1.0～1.9	45	17	50	74	191	439	99	13	15	20	18	41	121	159	131	111		1544
	2.0～2.9	4	4	2	8	84	120	21	2	8	12	11	35	88	64	20	4		487
	3.0～3.9		1		5	11	13	1		7	6	9	16	46	16		1		132
	4.0～5.9																		
	6.0～7.9																		
	8.0～																		
	TOTAL	170	80	200	238	529	882	201	24	39	52	53	126	366	416	413	342	2831	6962
TOTAL	～0.4																	4651	4651
	0.5～0.9	167	86	192	186	344	591	257	57	60	53	87	175	438	513	473	333		4012
	1.0～1.9	77	48	85	122	405	1134	387	68	72	72	127	207	546	590	329	182		4451
	2.0～2.9	21	24	22	50	285	550	159	35	36	38	64	164	237	218	70	19		1992
	3.0～3.9	6	5	8	31	70	136	47	5	19	36	32	84	223	92	20	7		821
	4.0～5.9	1	1	3	30	36	26	1	1	4	20	21	69	307	66	9	1		596
	6.0～7.9				2	2	2			1		3	2	83	12	1			108
	8.0～													5					5
	TOTAL	272	164	310	421	1142	2439	851	166	192	219	334	701	1839	1491	902	542	4651	16636

Table D5.1.12 Meteorological Condition for Simulation

STATION : JF2 ALL SEASON PERIOD : 1993/5/16～1994/5/15

STABI-LITY	WINDSPEED (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	CLM	TOTAL
		WIND DIRECTION (FREQUENCY)																	
UN-STABLE (A～B-C)	～0.4																	60	60
	0.5～0.9	40	30	24	16	9	15	26	11	17	15	11	16	12	13	23	37		315
	1.0～1.9	98	118	122	111	70	72	88	90	106	74	73	41	31	38	55	78		1265
	2.0～2.9	29	89	112	119	57	41	43	56	90	81	62	31	20	13	19	24		886
	3.0～3.9	6	53	71	67	9	7	13	12	36	66	75	48	6	8	8			485
	4.0～5.9																		
	6.0～7.9																		
	8.0～																		
	TOTAL	173	290	329	313	145	135	170	169	249	236	221	136	69	72	105	139	60	3011
NEUTRAL (C～D)	～0.4																	377	377
	0.5～0.9	102	100	63	45	51	65	56	60	57	36	35	16	27	24	63	115		915
	1.0～1.9	106	172	201	127	116	86	138	135	135	109	94	50	28	35	41	50		1623
	2.0～2.9	90	176	197	150	66	23	43	33	149	172	98	58	17	9	12	8		1301
	3.0～3.9	56	98	119	156	53	2	7	8	56	199	145	68	23	10	9	2		1011
	4.0～5.9	6	35	160	149	29		5	10	44	301	493	336	117	29	11	3		1728
	6.0～7.9			31	10					4	119	191	94	60	19	6			534
	8.0～										15	40	11	8	1	1			76
	TOTAL	360	581	771	637	315	176	249	246	445	951	1096	633	280	127	143	178	377	7565
STABLE (E～G)	～0.4																	854	854
	0.5～0.9	236	162	106	95	97	73	93	87	58	42	51	61	45	47	129	255		1637
	1.0～1.9	240	174	231	181	185	97	146	161	123	159	172	100	47	35	51	117		2219
	2.0～2.9	123	122	137	139	95	13	27	45	74	230	206	106	13	11	12	6		1359
	3.0～3.9	10	36	39	23	18			1	33	78	98	110	25	3	2	1		477
	4.0～5.9																		
	6.0～7.9																		
	8.0～																		
	TOTAL	609	494	513	438	395	183	266	294	288	509	527	377	130	96	194	379	854	6546
TOTAL	～0.4																	1291	1291
	0.5～0.9	378	292	193	156	157	153	175	158	132	93	97	93	84	84	215	407		2867
	1.0～1.9	444	464	554	419	371	255	372	386	364	342	339	191	106	108	147	245		5107
	2.0～2.9	242	387	446	408	218	77	113	134	313	483	366	195	50	33	43	38		3546
	3.0～3.9	72	187	229	246	80	9	20	21	125	343	318	226	54	21	19	3		1973
	4.0～5.9	6	35	160	149	29		5	10	44	301	493	336	117	29	11	3		1728
	6.0～7.9			31	10					4	119	191	94	60	19	6			534
	8.0～										15	40	11	8	1	1			76
	TOTAL	1142	1365	1613	1388	855	494	685	709	982	1696	1844	1146	479	295	442	696	1291	17122

Table D5.1.13 Meteorological Condition for Simulation

STATION : JM1 ALL SEASON PERIOD : 1993/5/16～1994/5/15

STABI-LITY	WINDSPEED (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	CLM	TOTAL
		WIND DIRECTION (FREQUENCY)																	
UN-STABLE (A～B-C)	～0.4																	110	110
	0.5～0.9	23	21	16	14	16	29	20	19	20	15	18	14	20	36	50	38		369
	1.0～1.9	55	32	31	29	54	83	95	99	45	26	28	14	36	67	135	112		941
	2.0～2.9	23	11	10	18	26	48	77	77	41	15	6	15	24	35	85	77		588
	3.0～3.9	6	13	5	21	21	13	46	62	25	4	6	10	17	42	91	46		428
	4.0～5.9																		
	6.0～7.9																		
	8.0～																		
	TOTAL	107	77	62	82	117	173	238	257	131	60	58	53	97	180	361	273	110	2436
NEUTRAL (C～D)	～0.4																	575	575
	0.5～0.9	76	35	45	33	58	52	47	51	34	21	23	23	21	48	93	107		767
	1.0～1.9	111	44	51	77	108	131	170	172	69	20	15	21	15	35	189	312		1540
	2.0～2.9	46	16	36	55	60	59	192	165	50	19	12	20	32	42	180	349		1333
	3.0～3.9	22	17	23	41	49	44	129	193	50	16	10	22	41	69	188	230		1144
	4.0～5.9	24	42	67	118	78	27	154	338	134	49	22	45	99	207	315	183		1902
	6.0～7.9	6	11	24	52	27	2	35	105	47	22	2	2	47	104	169	39		694
	8.0～	5		5	5	1		3	17	15	4			10	41	129	44		279
	TOTAL	290	165	251	381	381	315	730	1041	399	151	84	133	265	546	1263	1264	575	8234
STABLE (E～G)	～0.4																	852	852
	0.5～0.9	100	58	53	33	53	43	73	103	98	57	36	48	68	105	213	168		1309
	1.0～1.9	182	67	48	48	84	91	161	212	107	29	26	29	39	88	334	602		2147
	2.0～2.9	155	47	31	34	66	59	95	121	60	19	18	20	26	81	185	534		1551
	3.0～3.9	35	9	6	14	19	14	33	42	21	5	5	9	18	57	82	141		510
	4.0～5.9																		
	6.0～7.9																		
	8.0～																		
	TOTAL	472	181	138	129	222	207	362	478	286	110	85	106	151	331	814	1445	852	6359
TOTAL	～0.4																	1537	1537
	0.5～0.9	199	114	114	80	127	124	140	173	152	93	77	85	109	189	356	313		2445
	1.0～1.9	348	143	130	154	246	305	426	483	221	75	69	64	90	190	658	1026		4628
	2.0～2.9	224	74	77	107	152	166	364	363	151	53	36	55	82	158	450	960		3472
	3.0～3.9	63	39	34	76	89	71	208	297	96	25	21	41	76	168	361	417		2082
	4.0～5.9	24	42	67	118	78	27	154	338	134	49	22	45	99	207	315	183		1902
	6.0～7.9	6	11	24	52	27	2	35	105	47	22	2	2	47	104	169	39		694
	8.0～	5		5	5	1		3	17	15	4			10	41	129	44		279
	TOTAL	869	423	451	592	720	695	1330	1776	816	321	227	292	513	1057	2438	2982	1537	17039

Table D5.1.14 Meteorological Condition for Simulation

STATION : JM2 ALL SEASON PERIOD : 1993/5/16～1994/5/15

STABI-LITY	WINDSPEED (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	CLM	TOTAL
		WIND DIRECTION (FREQUENCY)																	
UN-STABLE (A～B-C)	～0.4																	83	83
	0.5～0.9	35	34	36	27	35	24	27	33	19	8	5	3	4	5	6	8		309
	1.0～1.9	235	167	84	100	123	122	90	109	78	35	29	16	15	22	23	31		1279
	2.0～2.9	148	109	49	40	44	45	40	78	80	59	27	16	27	19	15	15		811
	3.0～3.9	87	93	52	7	7	1	5	13	46	82	40	30	24	11	8	1		507
	4.0～5.9																		
	6.0～7.9																		
	8.0～																		
	TOTAL	505	403	221	174	209	192	162	233	223	184	101	65	70	57	52	55	83	2989
NEUTRAL (C～D)	～0.4																	530	530
	0.5～0.9	225	51	27	26	23	30	35	74	59	34	21	10	10	13	20	124		782
	1.0～1.9	533	127	77	43	30	33	55	104	159	90	53	38	21	27	25	109		1524
	2.0～2.9	408	115	64	43	37	21	27	51	165	228	113	52	20	31	25	16		1416
	3.0～3.9	244	92	40	30	12	6	4	16	71	225	184	73	20	12	5	11		1045
	4.0～5.9	448	257	52	3	5	2	3	12	59	381	458	182	43	23	18	10		1956
	6.0～7.9	105	105	9						3	54	89	16	6		11			398
	8.0～		3								8	15	1	1					28
	TOTAL	1963	750	269	145	107	92	124	257	516	1020	933	372	121	106	104	270	530	7679
STABLE (E～G)	～0.4																	1210	1210
	0.5～0.9	332	59	28	22	25	16	32	58	126	101	57	52	64	54	82	445		1553
	1.0～1.9	832	66	42	36	36	31	19	64	170	116	89	71	111	75	29	380		2167
	2.0～2.9	339	62	13	8	17	10	4	26	66	96	161	132	103	26	20	63		1146
	3.0～3.9	125	17	9	1	1	3		2	16	34	143	74	22	15	8	6		476
	4.0～5.9																		
	6.0～7.9																		
	8.0～																		
	TOTAL	1628	204	92	67	79	60	55	150	378	347	450	329	300	170	139	894	1210	6552
TOTAL	～0.4																	1823	1823
	0.5～0.9	592	144	91	75	83	70	94	165	204	143	83	65	78	72	108	577		2644
	1.0～1.9	1600	360	203	179	189	186	164	277	407	241	171	125	147	124	77	520		4970
	2.0～2.9	895	286	126	91	98	76	71	155	311	383	301	200	150	76	60	94		3373
	3.0～3.9	456	202	101	38	20	10	9	31	133	341	367	177	66	38	21	18		2028
	4.0～5.9	448	257	52	3	5	2	3	12	59	381	458	182	43	23	18	10		1956
	6.0～7.9	105	105	9						3	54	89	16	6		11			398
	8.0～		3								8	15	1	1					28
	TOTAL	4096	1357	582	386	395	344	341	640	1117	1551	1484	766	491	333	295	1219	1823	17220

Table D5.1.15 Meteorological Condition for Simulation

STATION : MISKOLC ALL SEASON PERIOD : 1993/5/16～1994/5/15

STABI-LITY	WINDSPEED (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	CLM	TOTAL
		WIND DIRECTION (FREQUENCY)																	
UN-STABLE (A～B-C)	～0.4																	52	52
	0.5～0.9	33	40	41	29	68	46	68	65	44	5	14	6	11	7	14	22		513
	1.0～1.9	142	140	153	87	132	131	157	298	213	49	66	21	34	46	64	99		1832
	2.0～2.9	33	36	59	63	36	23	31	133	159	86	56	25	23	27	86	43		919
	3.0～3.9	9	14	33	26	14	9	4	6	59	54	19	13	14	17	90	10		391
	4.0～5.9																		
	6.0～7.9																		
	8.0～																		
	TOTAL	217	230	286	205	250	209	260	502	475	194	155	65	82	97	254	174	52	3707
NEUTRAL (C～D)	～0.4																	485	485
	0.5～0.9	190	77	71	42	77	55	114	178	131	49	54	12	27	32	93	149		1351
	1.0～1.9	241	117	69	54	71	56	144	226	454	219	104	26	27	62	171	282		2323
	2.0～2.9	91	84	84	54	16	46	35	61	306	137	84	26	11	31	112	62		1240
	3.0～3.9	5	20	87	6	2	1	6	8	88	54	28	2	16	43	101	21		488
	4.0～5.9		22	27	4				2	16	22	16	4	10	38	196	10		367
	6.0～7.9			4											8	44	4		60
	8.0～															8			8
	TOTAL	527	320	342	160	166	158	299	475	995	481	286	70	91	214	725	528	485	6322
STABLE (E～G)	～0.4																	496	496
	0.5～0.9	182	73	72	30	45	44	109	126	197	94	120	52	94	215	268	175		1896
	1.0～1.9	336	130	70	68	59	35	54	176	418	294	170	57	101	443	865	535		3811
	2.0～2.9	42	88	72	11	8	9	2	22	94	121	78	11	18	64	192	75		907
	3.0～3.9	2	6	17					4	13	16	12	2	6	18	115	6		217
	4.0～5.9																		
	6.0～7.9																		
	8.0～																		
	TOTAL	562	297	231	109	112	88	165	328	722	525	380	122	219	740	1440	791	496	7327
TOTAL	～0.4																	1033	1033
	0.5～0.9	405	190	184	101	190	145	291	369	372	148	188	70	132	254	375	346		3760
	1.0～1.9	719	387	292	209	262	222	355	700	1085	562	340	104	162	551	1100	916		7966
	2.0～2.9	166	208	215	128	60	78	68	216	559	344	218	62	52	122	390	180		3066
	3.0～3.9	16	40	137	32	16	10	10	18	160	124	59	17	36	78	306	37		1096
	4.0～5.9		22	27	4				2	16	22	16	4	10	38	196	10		367
	6.0～7.9			4											8	44	4		60
	8.0～															8			8
	TOTAL	1306	847	859	474	528	455	724	1305	2192	1200	821	257	392	1051	2419	1493	1033	17356

Table D5.1.16 Meteorological Condition for Simulation

STATION : JF1 ALL SEASON PERIOD : 1993/5/16～1994/5/15

STABI-LITY	WINDSPEED (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	CLM (%)	TOTAL (%)
		WIND DIRECTION (%)																	
UN-STABLE (A～B-C)	～0.4																	1.88	1.88
	0.5～0.9	0.06	0.04	0.05	0.05	0.05	0.20	0.28	0.15	0.20	0.14	0.22	0.44	0.84	0.88	0.32	0.09		4.02
	1.0～1.9	0.08	0.10	0.11	0.12	0.26	0.85	0.70	0.25	0.22	0.17	0.43	0.64	1.59	1.67	0.63	0.18		7.99
	2.0～2.9	0.03	0.04	0.06	0.10	0.31	0.78	0.55	0.11	0.06	0.09	0.19	0.44	0.52	0.57	0.17	0.05		4.09
	3.0～3.9		0.01	0.01	0.01	0.08	0.32	0.24	0.02	0.03	0.09	0.07	0.20	0.50	0.25	0.07	0.01		1.92
	4.0～5.9																		
	6.0～7.9																		
	8.0～																		
	TOTAL	0.17	0.19	0.23	0.28	0.70	2.15	1.77	0.53	0.50	0.49	0.91	1.73	3.46	3.37	1.18	0.34	1.88	19.90
NEUTRAL (C～D)	～0.4																	9.06	9.06
	0.5～0.9	0.22	0.13	0.21	0.16	0.56	1.49	0.79	0.14	0.11	0.10	0.21	0.40	1.12	1.14	0.94	0.55		8.27
	1.0～1.9	0.11	0.09	0.10	0.17	1.02	3.32	1.03	0.08	0.13	0.14	0.23	0.36	0.97	0.92	0.57	0.25		9.48
	2.0～2.9	0.07	0.08	0.06	0.16	0.90	1.80	0.28	0.08	0.11	0.07	0.13	0.33	0.37	0.35	0.13	0.04		4.96
	3.0～3.9	0.04	0.01	0.04	0.14	0.27	0.42	0.04	0.01	0.04	0.09	0.07	0.20	0.56	0.21	0.05	0.02		2.22
	4.0～5.9	0.01	0.01	0.02	0.18	0.22	0.16	0.01	0.01	0.02	0.12	0.13	0.41	1.85	0.40	0.05	0.01		3.58
	6.0～7.9				0.01	0.01	0.01			0.01		0.02	0.01	0.50	0.07	0.01			0.65
	8.0～													0.03					0.03
	TOTAL	0.44	0.31	0.43	0.82	2.98	7.21	2.13	0.32	0.41	0.51	0.78	1.73	5.40	3.10	1.76	0.87	9.06	38.25
STABLE (E～G)	～0.4																	17.02	17.02
	0.5～0.9	0.73	0.35	0.89	0.91	1.46	1.86	0.48	0.05	0.05	0.08	0.09	0.20	0.67	1.06	1.57	1.36		11.83
	1.0～1.9	0.27	0.10	0.30	0.44	1.15	2.64	0.60	0.08	0.09	0.12	0.11	0.25	0.73	0.96	0.79	0.67		9.28
	2.0～2.9	0.02	0.02	0.01	0.05	0.50	0.72	0.13	0.01	0.05	0.07	0.07	0.21	0.53	0.38	0.12	0.02		2.93
	3.0～3.9		0.01		0.03	0.07	0.08	0.01		0.04	0.04	0.05	0.10	0.28	0.10		0.01		0.79
	4.0～5.9																		
	6.0～7.9																		
	8.0～																		
	TOTAL	1.02	0.48	1.20	1.43	3.18	5.30	1.21	0.14	0.23	0.31	0.32	0.76	2.20	2.50	2.48	2.06	17.02	41.85
TOTAL	～0.4																	27.96	27.96
	0.5～0.9	1.00	0.52	1.15	1.12	2.07	3.55	1.54	0.34	0.36	0.32	0.52	1.05	2.63	3.08	2.84	2.00		24.12
	1.0～1.9	0.46	0.29	0.51	0.73	2.43	6.82	2.33	0.41	0.43	0.43	0.76	1.24	3.28	3.55	1.98	1.09		26.76
	2.0～2.9	0.13	0.14	0.13	0.30	1.71	3.31	0.96	0.21	0.22	0.23	0.38	0.99	1.42	1.31	0.42	0.11		11.97
	3.0～3.9	0.04	0.03	0.05	0.19	0.42	0.82	0.28	0.03	0.11	0.22	0.19	0.50	1.34	0.55	0.12	0.04		4.94
	4.0～5.9	0.01	0.01	0.02	0.18	0.22	0.16	0.01	0.01	0.02	0.12	0.13	0.41	1.85	0.40	0.05	0.01		3.58
	6.0～7.9				0.01	0.01	0.01			0.01		0.02	0.01	0.50	0.07	0.01			0.65
	8.0～													0.03					0.03
	TOTAL	1.64	0.99	1.86	2.53	6.86	14.66	5.12	1.00	1.15	1.32	2.01	4.21	11.05	8.96	5.42	3.26	27.96	100.0

Table D5.1.17 Meteorological Condition for Simulation

STATION : JF2 ALL SEASON PERIOD : 1993/5/16～1994/5/15

STABI-LITY	WINDSPEED (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	CLM (%)	TOTAL (%)
		WIND DIRECTION (%)																	
UN-STABLE (A～B-C)	～0.4																	0.35	0.35
	0.5～0.9	0.23	0.18	0.14	0.09	0.05	0.09	0.15	0.06	0.10	0.09	0.06	0.09	0.07	0.08	0.13	0.22		1.84
	1.0～1.9	0.57	0.69	0.71	0.65	0.41	0.42	0.51	0.53	0.62	0.43	0.43	0.24	0.18	0.22	0.32	0.46		7.39
	2.0～2.9	0.17	0.52	0.65	0.70	0.33	0.24	0.25	0.33	0.53	0.47	0.36	0.18	0.12	0.08	0.11	0.14		5.17
	3.0～3.9	0.04	0.31	0.41	0.39	0.05	0.04	0.08	0.07	0.21	0.39	0.44	0.28	0.04	0.05	0.05			2.83
	4.0～5.9																		
	6.0～7.9																		
	8.0～																		
	TOTAL	1.01	1.69	1.92	1.83	0.85	0.79	0.99	0.99	1.45	1.38	1.29	0.79	0.40	0.42	0.61	0.81	0.35	17.59
NEUTRAL (C～D)	～0.4																	2.20	2.20
	0.5～0.9	0.60	0.58	0.37	0.26	0.30	0.38	0.33	0.35	0.33	0.21	0.20	0.09	0.16	0.14	0.37	0.67		5.34
	1.0～1.9	0.62	1.00	1.17	0.74	0.68	0.50	0.81	0.79	0.79	0.64	0.55	0.29	0.16	0.20	0.24	0.29		9.48
	2.0～2.9	0.53	1.03	1.15	0.88	0.39	0.13	0.25	0.19	0.87	1.00	0.57	0.34	0.10	0.05	0.07	0.05		7.60
	3.0～3.9	0.33	0.57	0.70	0.91	0.31	0.01	0.04	0.05	0.33	1.16	0.85	0.40	0.13	0.06	0.05	0.01		5.90
	4.0～5.9	0.04	0.20	0.93	0.87	0.17		0.03	0.06	0.26	1.76	2.88	1.96	0.68	0.17	0.06	0.02		10.09
	6.0～7.9			0.18	0.06					0.02	0.70	1.12	0.55	0.35	0.11	0.04			3.12
	8.0～										0.09	0.23	0.06	0.05	0.01	0.01			0.44
	TOTAL	2.10	3.39	4.50	3.72	1.84	1.03	1.45	1.44	2.60	5.55	6.40	3.70	1.64	0.74	0.84	1.04	2.20	44.18
STABLE (E～G)	～0.4																	4.99	4.99
	0.5～0.9	1.38	0.95	0.62	0.55	0.57	0.43	0.54	0.51	0.34	0.25	0.30	0.36	0.26	0.27	0.75	1.49		9.56
	1.0～1.9	1.40	1.02	1.35	1.06	1.08	0.57	0.85	0.94	0.72	0.93	1.00	0.58	0.27	0.20	0.30	0.68		12.96
	2.0～2.9	0.72	0.71	0.80	0.81	0.55	0.08	0.16	0.26	0.43	1.34	1.20	0.62	0.08	0.06	0.07	0.04		7.94
	3.0～3.9	0.06	0.21	0.23	0.13	0.11			0.01	0.19	0.46	0.57	0.64	0.15	0.02	0.01	0.01		2.79
	4.0～5.9																		
	6.0～7.9																		
	8.0～																		
	TOTAL	3.56	2.89	3.00	2.56	2.31	1.07	1.55	1.72	1.68	2.97	3.08	2.20	0.76	0.56	1.13	2.21	4.99	38.23
TOTAL	～0.4																	7.54	7.54
	0.5～0.9	2.21	1.71	1.13	0.91	0.92	0.89	1.02	0.92	0.77	0.54	0.57	0.54	0.49	0.49	1.26	2.38		16.74
	1.0～1.9	2.59	2.71	3.24	2.45	2.17	1.49	2.17	2.25	2.13	2.00	1.98	1.12	0.62	0.63	0.86	1.43		29.83
	2.0～2.9	1.41	2.26	2.60	2.38	1.27	0.45	0.66	0.78	1.83	2.82	2.14	1.14	0.29	0.19	0.25	0.22		20.71
	3.0～3.9	0.42	1.09	1.34	1.44	0.47	0.05	0.12	0.12	0.73	2.00	1.86	1.32	0.32	0.12	0.11	0.02		11.52
	4.0～5.9	0.04	0.20	0.93	0.87	0.17		0.03	0.06	0.26	1.76	2.88	1.96	0.68	0.17	0.06	0.02		10.09
	6.0～7.9			0.18	0.06					0.02	0.70	1.12	0.55	0.35	0.11	0.04			3.12
	8.0～										0.09	0.23	0.06	0.05	0.01	0.01			0.44
	TOTAL	6.67	7.97	9.42	8.11	4.99	2.89	4.00	4.14	5.74	9.91	10.77	6.69	2.80	1.72	2.58	4.06	7.54	100.0

Table D5.1.18 Meteorological Condition for Simulation

STATION : JM1 ALL SEASON PERIOD : 1993/5/16～1994/5/15

STABI-LITY	WINDSPEED (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	CLM (%)	TOTAL (%)
		WIND DIRECTION (%)																	
UN-STABLE (A～B-C)	～0.4																	0.65	0.65
	0.5～0.9	0.13	0.12	0.09	0.08	0.09	0.17	0.12	0.11	0.12	0.09	0.11	0.08	0.12	0.21	0.29	0.22		2.17
	1.0～1.9	0.32	0.19	0.18	0.17	0.32	0.49	0.56	0.58	0.26	0.15	0.16	0.08	0.21	0.39	0.79	0.66		5.52
	2.0～2.9	0.13	0.06	0.06	0.11	0.15	0.28	0.45	0.45	0.24	0.09	0.04	0.09	0.14	0.21	0.50	0.45		3.45
	3.0～3.9	0.04	0.08	0.03	0.12	0.12	0.08	0.27	0.36	0.15	0.02	0.04	0.06	0.10	0.25	0.53	0.27		2.51
	4.0～5.9																		
	6.0～7.9																		
	8.0～																		
	TOTAL	0.63	0.45	0.36	0.48	0.69	1.02	1.40	1.51	0.77	0.35	0.34	0.31	0.57	1.06	2.12	1.60	0.65	14.30
NEUTRAL (C～D)	～0.4																	3.37	3.37
	0.5～0.9	0.45	0.21	0.26	0.19	0.34	0.31	0.28	0.30	0.20	0.12	0.13	0.13	0.12	0.28	0.55	0.63		4.50
	1.0～1.9	0.65	0.26	0.30	0.45	0.63	0.77	1.00	1.01	0.40	0.12	0.09	0.12	0.09	0.21	1.11	1.83		9.04
	2.0～2.9	0.27	0.09	0.21	0.32	0.35	0.35	1.13	0.97	0.29	0.11	0.07	0.12	0.19	0.25	1.06	2.05		7.82
	3.0～3.9	0.13	0.10	0.13	0.24	0.29	0.26	0.76	1.13	0.29	0.09	0.06	0.13	0.24	0.40	1.10	1.35		6.71
	4.0～5.9	0.14	0.25	0.39	0.69	0.46	0.16	0.90	1.98	0.79	0.29	0.13	0.26	0.58	1.21	1.85	1.07		11.16
	6.0～7.9	0.04	0.06	0.14	0.31	0.16	0.01	0.21	0.62	0.28	0.13	0.01	0.01	0.28	0.61	0.99	0.23		4.07
	8.0～	0.03		0.03	0.03	0.01		0.02	0.10	0.09	0.02			0.06	0.24	0.76	0.26		1.64
	TOTAL	1.70	0.97	1.47	2.24	2.24	1.85	4.28	6.11	2.34	0.89	0.49	0.78	1.56	3.20	7.41	7.42	3.37	48.32
STABLE (E～G)	～0.4																	5.00	5.00
	0.5～0.9	0.59	0.34	0.31	0.19	0.31	0.25	0.43	0.60	0.58	0.33	0.21	0.28	0.40	0.62	1.25	0.99		7.68
	1.0～1.9	1.07	0.39	0.28	0.28	0.49	0.53	0.94	1.24	0.63	0.17	0.15	0.17	0.23	0.52	1.96	3.53		12.60
	2.0～2.9	0.91	0.28	0.18	0.20	0.39	0.35	0.56	0.71	0.35	0.11	0.11	0.12	0.15	0.48	1.09	3.13		9.10
	3.0～3.9	0.21	0.05	0.04	0.08	0.11	0.08	0.19	0.25	0.12	0.03	0.03	0.05	0.11	0.33	0.48	0.83		2.99
	4.0～5.9																		
	6.0～7.9																		
	8.0～																		
	TOTAL	2.77	1.06	0.81	0.76	1.30	1.21	2.12	2.81	1.68	0.65	0.50	0.62	0.89	1.94	4.78	8.48	5.00	37.38
TOTAL	～0.4																	9.02	9.02
	0.5～0.9	1.17	0.67	0.67	0.47	0.75	0.73	0.82	1.02	0.89	0.55	0.45	0.50	0.64	1.11	2.09	1.84		14.35
	1.0～1.9	2.04	0.84	0.76	0.90	1.44	1.79	2.50	2.83	1.30	0.44	0.40	0.38	0.53	1.12	3.86	6.02		27.16
	2.0～2.9	1.31	0.43	0.45	0.63	0.89	0.97	2.14	2.13	0.89	0.31	0.21	0.32	0.48	0.93	2.64	5.63		20.38
	3.0～3.9	0.37	0.23	0.20	0.45	0.52	0.42	1.22	1.74	0.56	0.15	0.12	0.24	0.45	0.99	2.12	2.45		12.22
	4.0～5.9	0.14	0.25	0.39	0.69	0.46	0.16	0.90	1.98	0.79	0.29	0.13	0.26	0.58	1.21	1.85	1.07		11.16
	6.0～7.9	0.04	0.06	0.14	0.31	0.16	0.01	0.21	0.62	0.28	0.13	0.01	0.01	0.28	0.61	0.99	0.23		4.07
	8.0～	0.03		0.03	0.03	0.01		0.02	0.10	0.09	0.02			0.06	0.24	0.76	0.26		1.64
	TOTAL	5.10	2.48	2.65	3.47	4.23	4.08	7.81	10.42	4.79	1.88	1.33	1.71	3.01	6.20	14.31	17.50	9.02	100.0

Table D5.1.19 Meteorological Condition for Simulation

STATION : JM2 ALL SEASON PERIOD : 1993/5/16～1994/5/15

STABI-LITY	WINDSPEED (M/S)	WIND DIRECTION (%) N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	CLM (%)	TOTAL (%)
UN-STABLE (A～B-C)	～0.4																	0.48	0.48
	0.5～0.9	0.20	0.20	0.21	0.16	0.20	0.14	0.16	0.19	0.11	0.05	0.03	0.02	0.02	0.03	0.03	0.05		1.79
	1.0～1.9	1.36	0.97	0.49	0.58	0.71	0.71	0.52	0.63	0.45	0.20	0.17	0.09	0.09	0.13	0.13	0.18		7.43
	2.0～2.9	0.86	0.63	0.28	0.23	0.26	0.26	0.23	0.45	0.46	0.34	0.16	0.09	0.16	0.11	0.09	0.09		4.71
	3.0～3.9	0.51	0.54	0.30	0.04	0.04	0.01	0.03	0.08	0.27	0.48	0.23	0.17	0.14	0.06	0.05	0.01		2.94
	4.0～5.9																		
	6.0～7.9																		
	8.0～																		
	TOTAL	2.93	2.34	1.28	1.01	1.21	1.11	0.94	1.35	1.30	1.07	0.59	0.38	0.41	0.33	0.30	0.32	0.48	17.36
NEUTRAL (C～D)	～0.4																	3.08	3.08
	0.5～0.9	1.31	0.30	0.16	0.15	0.13	0.17	0.20	0.43	0.34	0.20	0.12	0.06	0.06	0.08	0.12	0.72		4.54
	1.0～1.9	3.10	0.74	0.45	0.25	0.17	0.19	0.32	0.60	0.92	0.52	0.31	0.22	0.12	0.16	0.15	0.63		8.85
	2.0～2.9	2.37	0.67	0.37	0.25	0.21	0.12	0.16	0.30	0.96	1.32	0.66	0.30	0.12	0.18	0.15	0.09		8.22
	3.0～3.9	1.42	0.53	0.23	0.17	0.07	0.03	0.02	0.09	0.41	1.31	1.07	0.42	0.12	0.07	0.03	0.06		6.07
	4.0～5.9	2.60	1.49	0.30	0.02	0.03	0.01	0.02	0.07	0.34	2.21	2.66	1.06	0.25	0.13	0.10	0.06		11.36
	6.0～7.9	0.61	0.61	0.05						0.02	0.31	0.52	0.09	0.03		0.06			2.31
	8.0～		0.02								0.05	0.09	0.01	0.01					0.16
	TOTAL	11.40	4.36	1.56	0.84	0.62	0.53	0.72	1.49	3.00	5.92	5.42	2.16	0.70	0.62	0.60	1.57	3.08	44.59
STABLE (E～G)	～0.4																	7.03	7.03
	0.5～0.9	1.93	0.34	0.16	0.13	0.15	0.09	0.19	0.34	0.73	0.59	0.33	0.30	0.37	0.31	0.48	2.58		9.02
	1.0～1.9	4.83	0.38	0.24	0.21	0.21	0.18	0.11	0.37	0.99	0.67	0.52	0.41	0.64	0.44	0.17	2.21		12.58
	2.0～2.9	1.97	0.36	0.08	0.05	0.10	0.06	0.02	0.15	0.38	0.56	0.93	0.77	0.60	0.15	0.12	0.37		6.66
	3.0～3.9	0.73	0.10	0.05	0.01	0.01	0.02		0.01	0.09	0.20	0.83	0.43	0.13	0.09	0.05	0.03		2.76
	4.0～5.9																		
	6.0～7.9																		
	8.0～																		
	TOTAL	9.45	1.18	0.53	0.39	0.46	0.35	0.32	0.87	2.20	2.02	2.61	1.91	1.74	0.99	0.81	5.19	7.03	38.05
TOTAL	～0.4																	10.59	10.59
	0.5～0.9	3.44	0.84	0.53	0.44	0.48	0.41	0.55	0.96	1.18	0.83	0.48	0.38	0.45	0.42	0.63	3.35		15.35
	1.0～1.9	9.29	2.09	1.18	1.04	1.10	1.08	0.95	1.61	2.36	1.40	0.99	0.73	0.85	0.72	0.45	3.02		28.86
	2.0～2.9	5.20	1.66	0.73	0.53	0.57	0.44	0.41	0.90	1.81	2.22	1.75	1.16	0.87	0.44	0.35	0.55		19.59
	3.0～3.9	2.65	1.17	0.59	0.22	0.12	0.06	0.05	0.18	0.77	1.98	2.13	1.03	0.38	0.22	0.12	0.10		11.78
	4.0～5.9	2.60	1.49	0.30	0.02	0.03	0.01	0.02	0.07	0.34	2.21	2.66	1.06	0.25	0.13	0.10	0.06		11.36
	6.0～7.9	0.61	0.61	0.05						0.02	0.31	0.52	0.09	0.03		0.06			2.31
	8.0～		0.02								0.05	0.09	0.01	0.01					0.16
	TOTAL	23.79	7.88	3.38	2.24	2.29	2.00	1.98	3.72	6.49	9.01	8.62	4.45	2.85	1.93	1.71	7.08	10.59	100.0

Table D5.1.20 Meteorological Condition for Simulation

STATION : MISKOLC ALL SEASON

PERIOD : 1993/5/16～1994/5/15

STABI-LITY	WINDSPEED (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	CLM (%)	TOTAL (%)
		WIND DIRECTION (%)																	
UN-STABLE (A～B-C)	～0.4																	0.30	0.30
	0.5～0.9	0.19	0.23	0.24	0.17	0.39	0.27	0.39	0.37	0.25	0.03	0.08	0.03	0.06	0.04	0.08	0.13		2.96
	1.0～1.9	0.82	0.81	0.88	0.50	0.76	0.75	0.90	1.72	1.23	0.28	0.38	0.12	0.20	0.27	0.37	0.57		10.56
	2.0～2.9	0.19	0.21	0.34	0.36	0.21	0.13	0.18	0.77	0.92	0.50	0.32	0.14	0.13	0.16	0.50	0.25		5.29
	3.0～3.9	0.05	0.08	0.19	0.15	0.08	0.05	0.02	0.03	0.34	0.31	0.11	0.07	0.08	0.10	0.52	0.06		2.25
	4.0～5.9																		
	6.0～7.9																		
	8.0～																		
	TOTAL	1.25	1.33	1.65	1.18	1.44	1.20	1.50	2.89	2.74	1.12	0.89	0.37	0.47	0.56	1.46	1.00	0.30	21.35
NEUTRAL (C～D)	～0.4																	2.79	2.79
	0.5～0.9	1.09	0.44	0.41	0.24	0.44	0.32	0.66	1.03	0.75	0.28	0.31	0.07	0.16	0.18	0.54	0.86		7.78
	1.0～1.9	1.39	0.67	0.40	0.31	0.41	0.32	0.83	1.30	2.62	1.26	0.60	0.15	0.16	0.36	0.99	1.62		13.38
	2.0～2.9	0.52	0.48	0.48	0.31	0.09	0.27	0.20	0.35	1.76	0.79	0.48	0.15	0.06	0.18	0.65	0.36		7.14
	3.0～3.9	0.03	0.12	0.50	0.03	0.01	0.01	0.03	0.05	0.51	0.31	0.16	0.01	0.09	0.25	0.58	0.12		2.81
	4.0～5.9		0.13	0.16	0.02				0.01	0.09	0.13	0.09	0.02	0.06	0.22	1.13	0.06		2.11
	6.0～7.9			0.02											0.05	0.25	0.02		0.35
	8.0～															0.05			0.05
	TOTAL	3.04	1.84	1.97	0.92	0.96	0.91	1.72	2.74	5.73	2.77	1.65	0.40	0.52	1.23	4.18	3.04	2.79	36.43
STABLE (E～G)	～0.4																	2.86	2.86
	0.5～0.9	1.05	0.42	0.41	0.17	0.26	0.25	0.63	0.73	1.14	0.54	0.69	0.30	0.54	1.24	1.54	1.01		10.92
	1.0～1.9	1.94	0.75	0.40	0.39	0.34	0.20	0.31	1.01	2.41	1.69	0.98	0.33	0.58	2.55	4.98	3.08		21.96
	2.0～2.9	0.24	0.51	0.41	0.06	0.05	0.05	0.01	0.13	0.54	0.70	0.45	0.06	0.10	0.37	1.11	0.43		5.23
	3.0～3.9	0.01	0.03	0.10					0.02	0.07	0.09	0.07	0.01	0.03	0.10	0.66	0.03		1.25
	4.0～5.9																		
	6.0～7.9																		
	8.0～																		
	TOTAL	3.24	1.71	1.33	0.63	0.65	0.51	0.95	1.89	4.16	3.02	2.19	0.70	1.26	4.26	8.30	4.56	2.86	42.22
TOTAL	～0.4																	5.95	5.95
	0.5～0.9	2.33	1.09	1.06	0.58	1.09	0.84	1.68	2.13	2.14	0.85	1.08	0.40	0.76	1.46	2.16	1.99		21.66
	1.0～1.9	4.14	2.23	1.68	1.20	1.51	1.28	2.05	4.03	6.25	3.24	1.96	0.60	0.93	3.17	6.34	5.28		45.90
	2.0～2.9	0.96	1.20	1.24	0.74	0.35	0.45	0.39	1.24	3.22	1.98	1.26	0.36	0.30	0.70	2.25	1.04		17.67
	3.0～3.9	0.09	0.23	0.79	0.18	0.09	0.06	0.06	0.10	0.92	0.71	0.34	0.10	0.21	0.45	1.76	0.21		6.31
	4.0～5.9		0.13	0.16	0.02				0.01	0.09	0.13	0.09	0.02	0.06	0.22	1.13	0.06		2.11
	6.0～7.9			0.02											0.05	0.25	0.02		0.35
	8.0～															0.05			0.05
	TOTAL	7.52	4.88	4.95	2.73	3.04	2.62	4.17	7.52	12.63	6.91	4.73	1.48	2.26	6.06	13.94	8.60	5.95	100.0

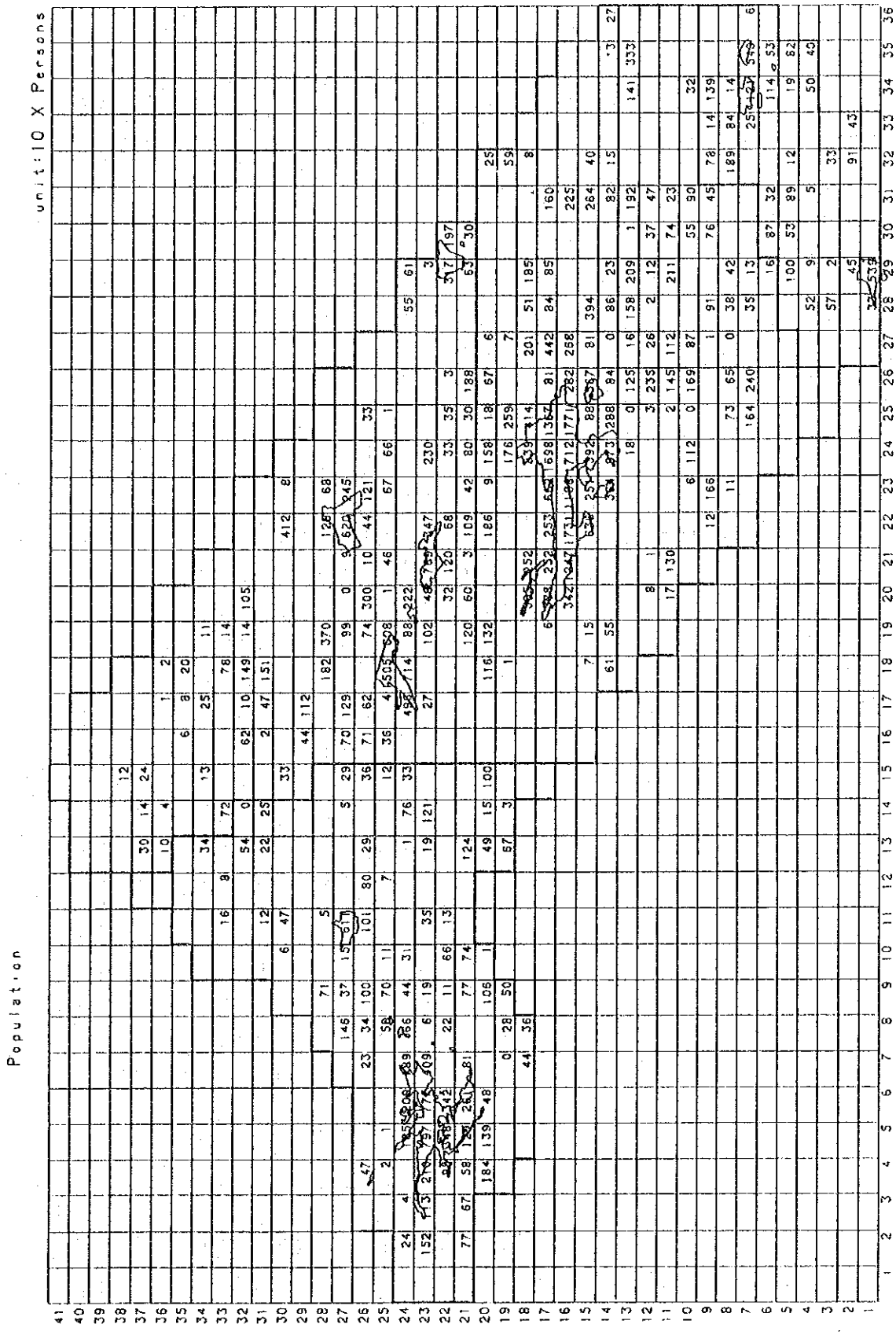


Figure D5.1.6 Population by Grid Elements

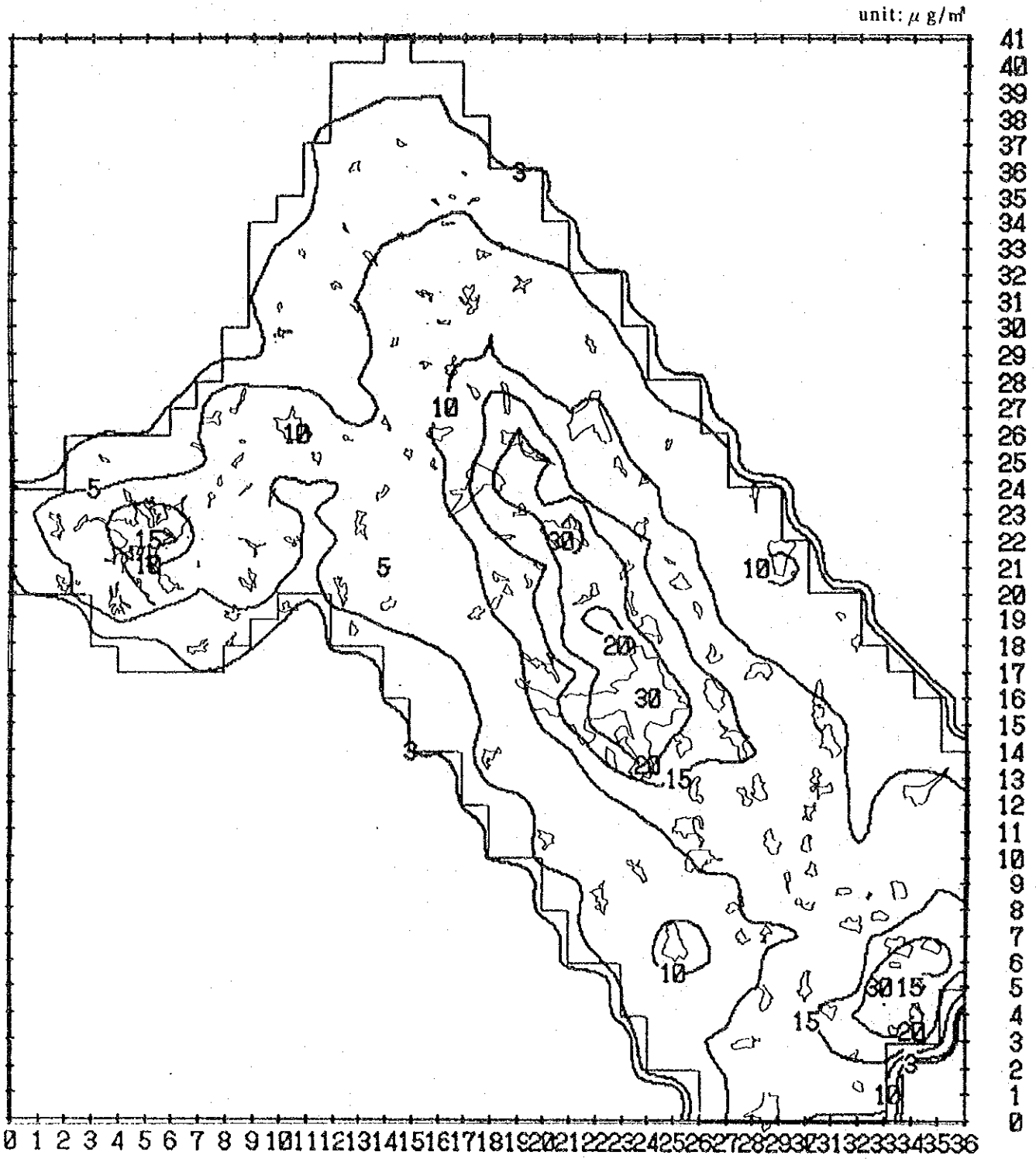


Figure D5.2.1 Average Concentration Isopleth for SO2 in Non-heating Season (1993, All Sources)

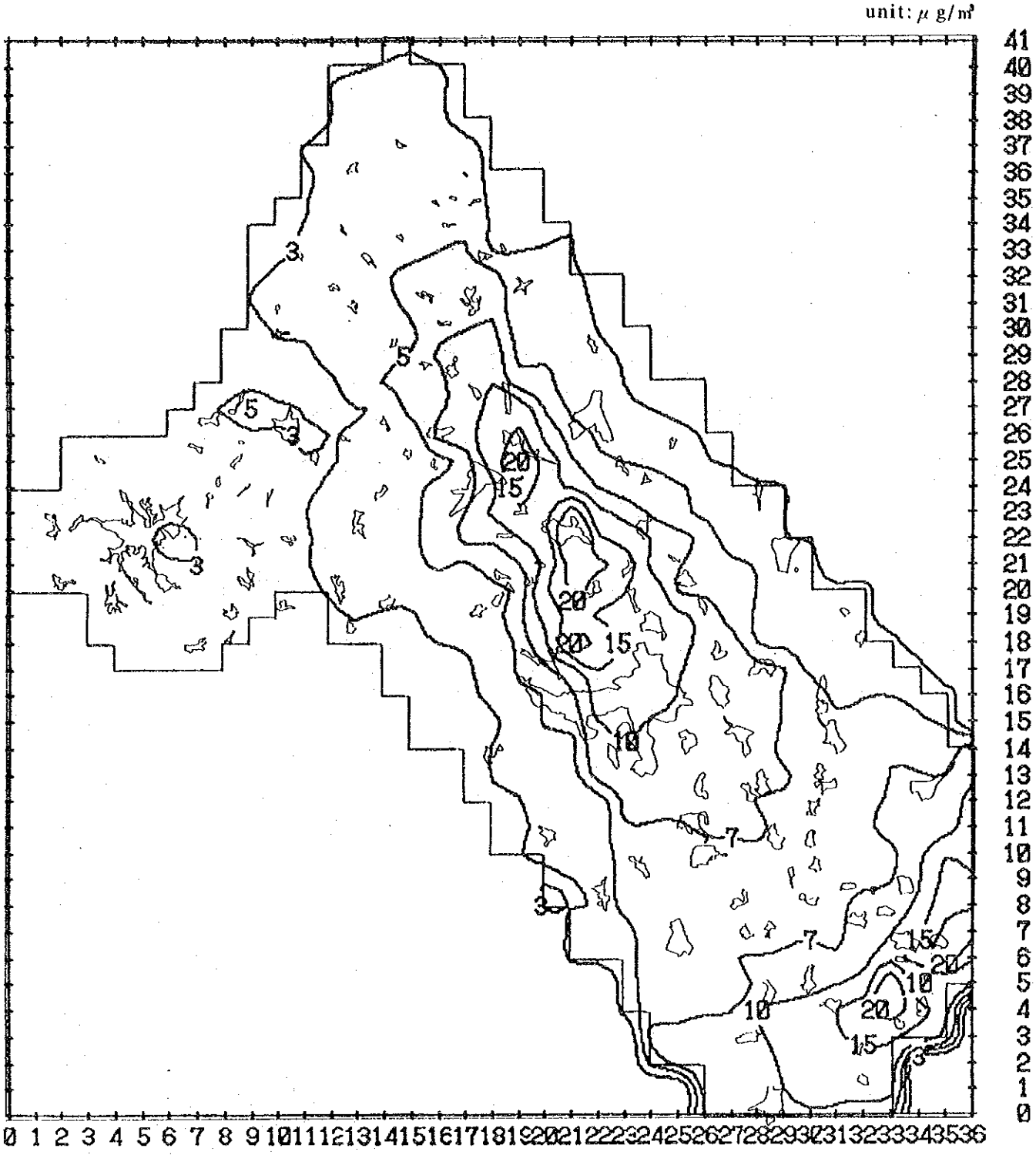


Figure D5.2.2 Annual Average Concentration Isopleth for SO2 in 1993 (Industries)

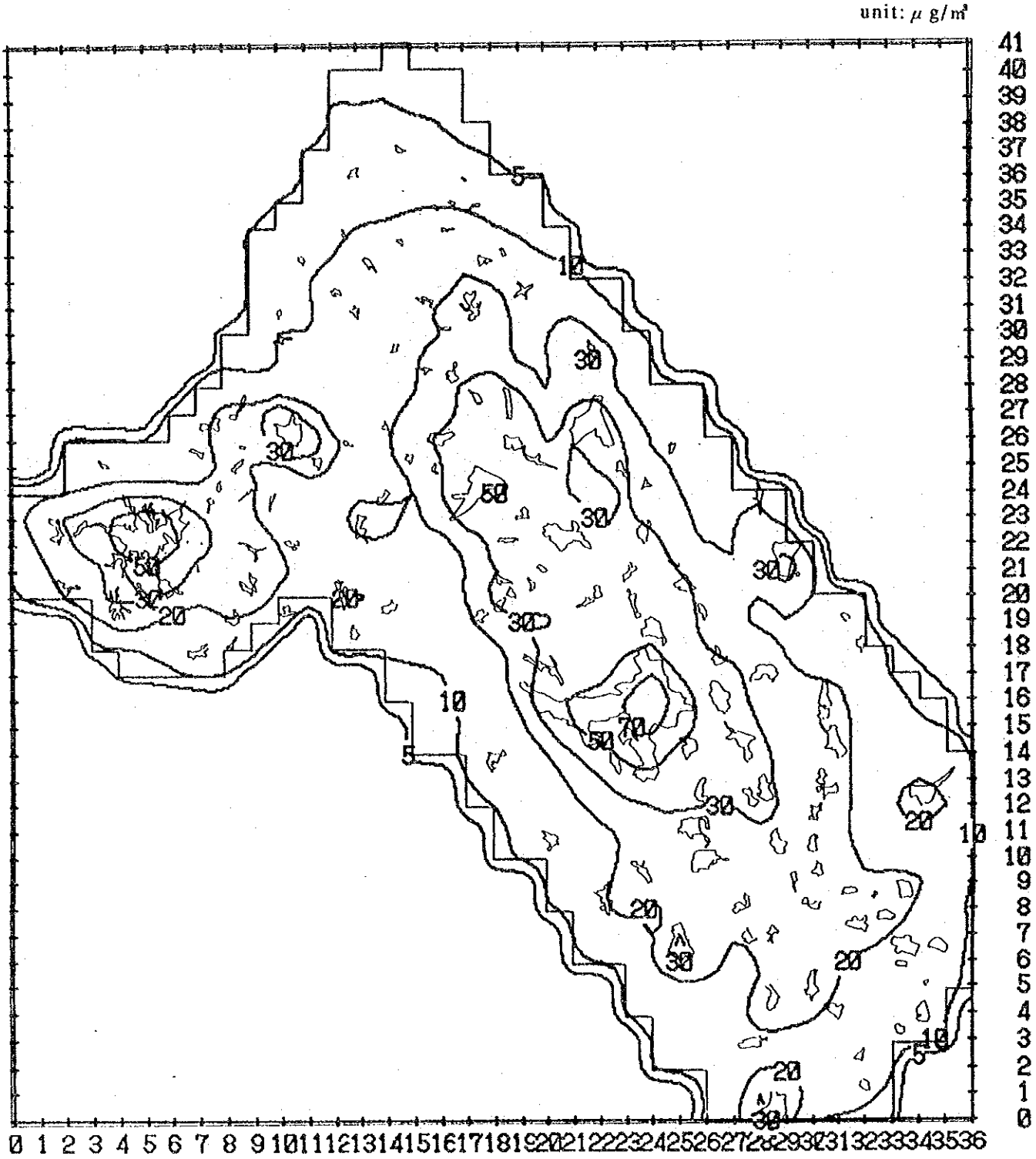


Figure D5.2.3 Annual Average Concentration Isopleth for SO2 in 1993 (Communal Sources)

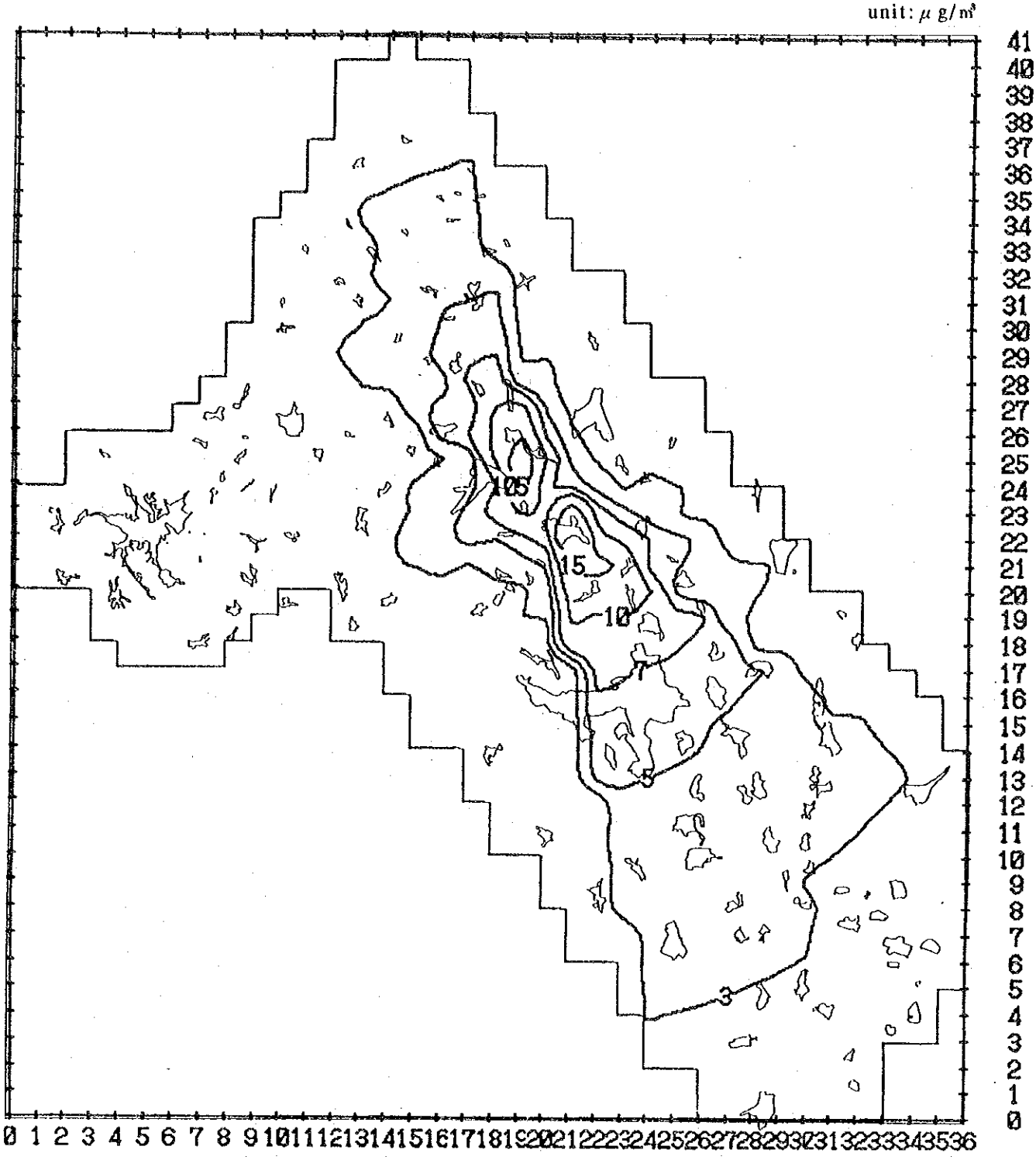


Figure D5.2.4 Annual Average Concentration Isopleth for SO2 in 1993 (Borsod P.S.)

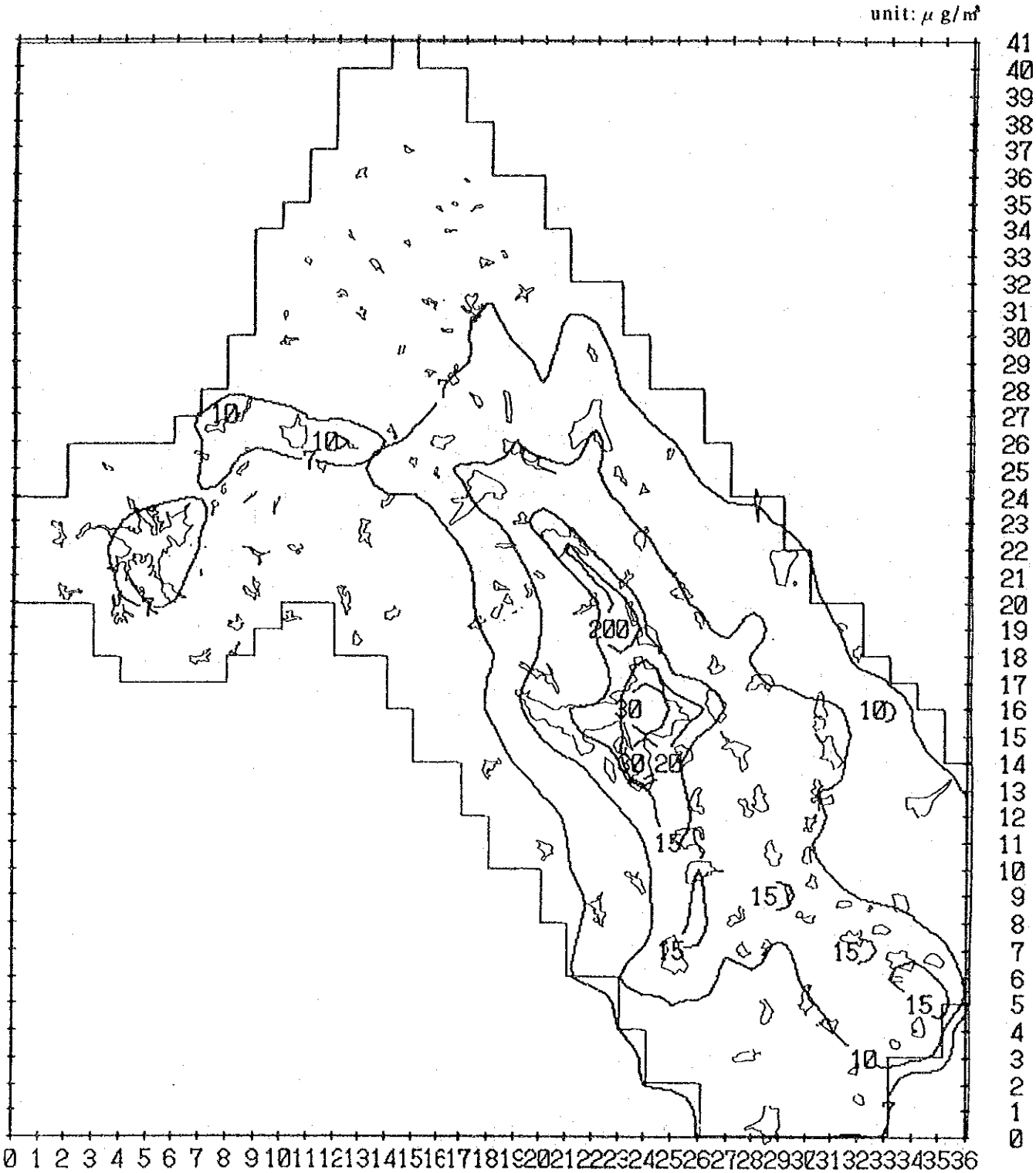


Figure D5.2.5 Average Concentration Isopleth for NOx in Non-heating Season (1993,All Sources)

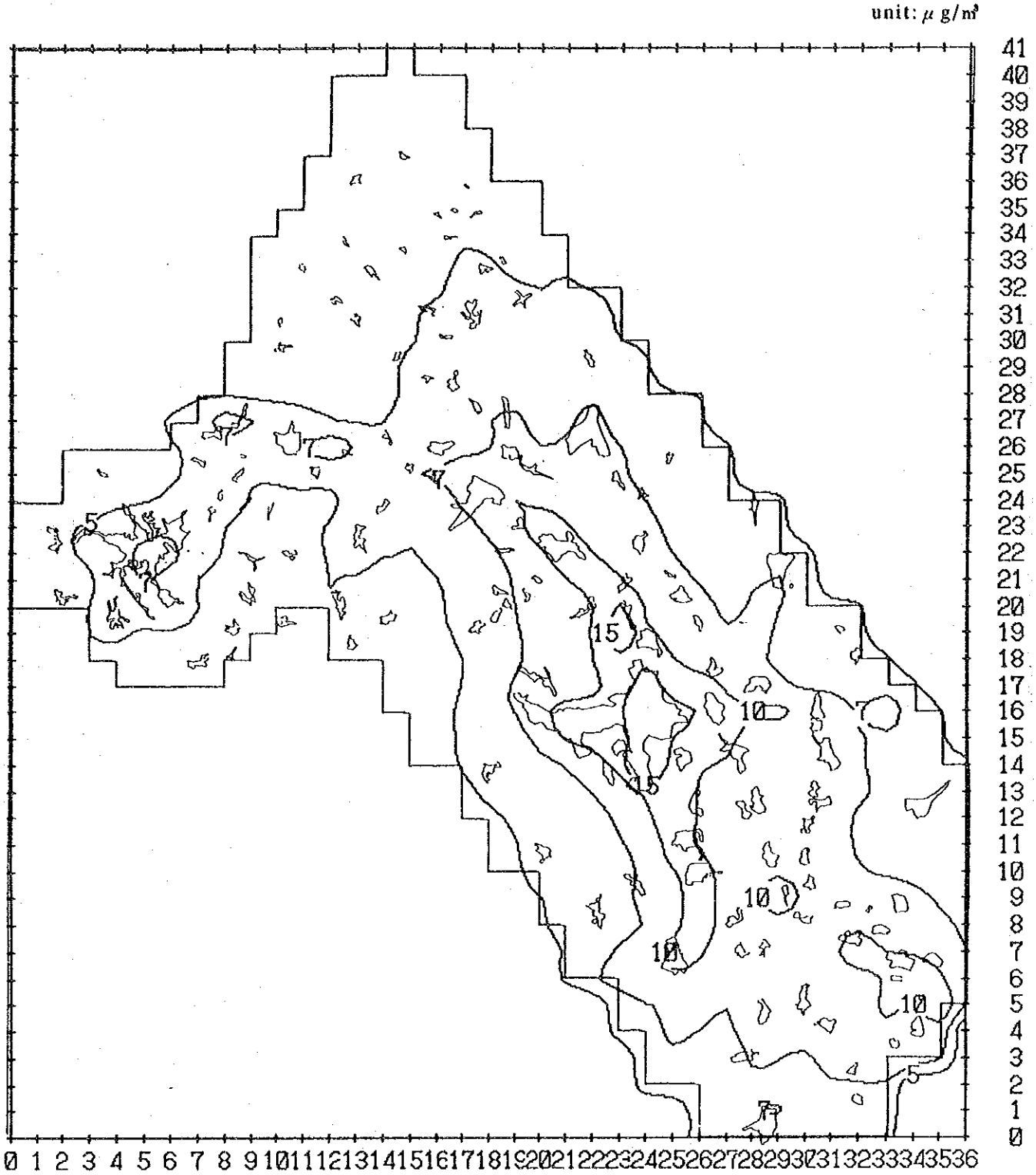


Figure D5.2.6 Average Concentration Isopleth for NO2 in Non-heating Season (1993 ,All Sources)

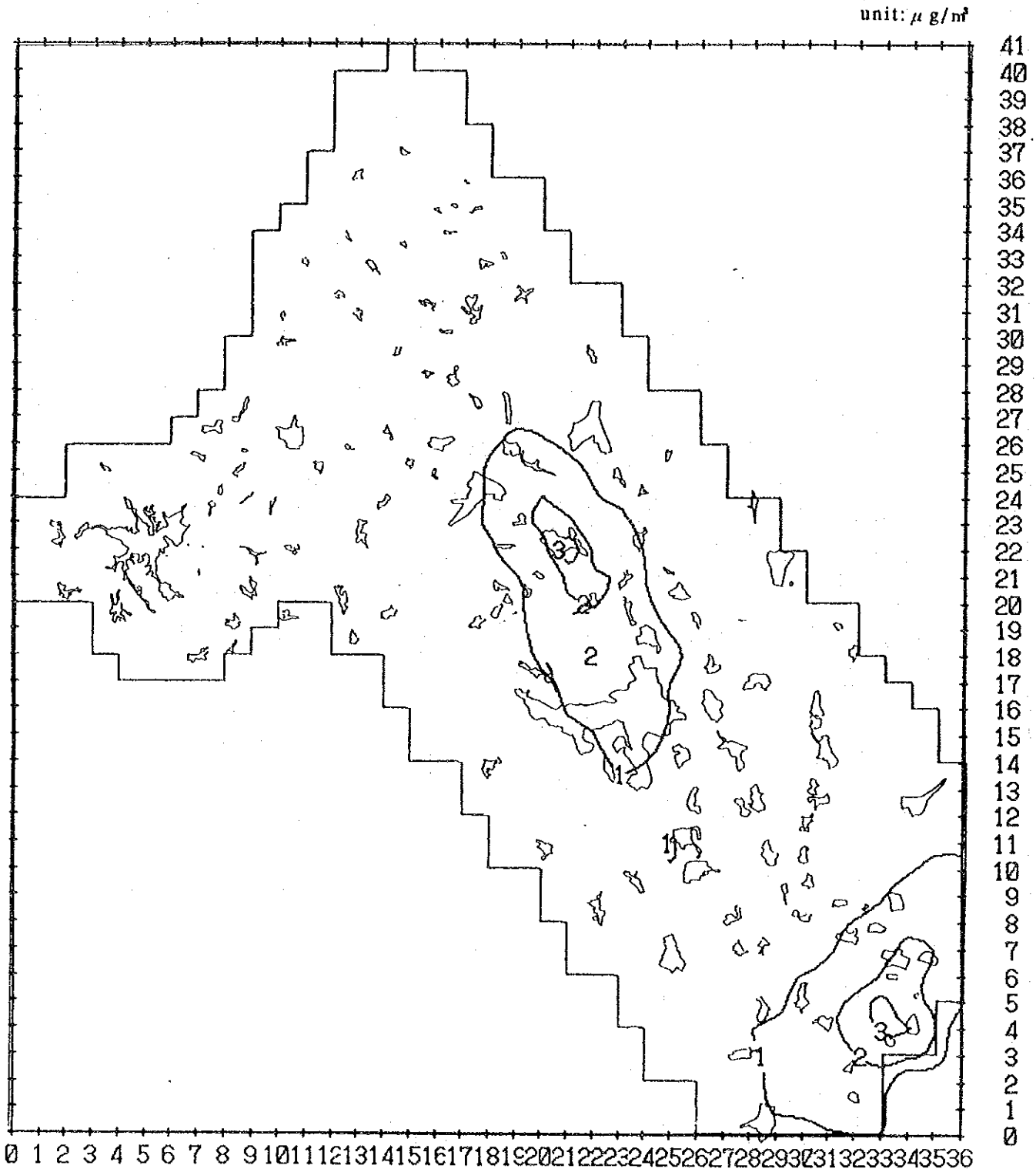


Figure D5.2.7 Annual Average Concentration Isopleth for NO2 in 1993 (Industries)

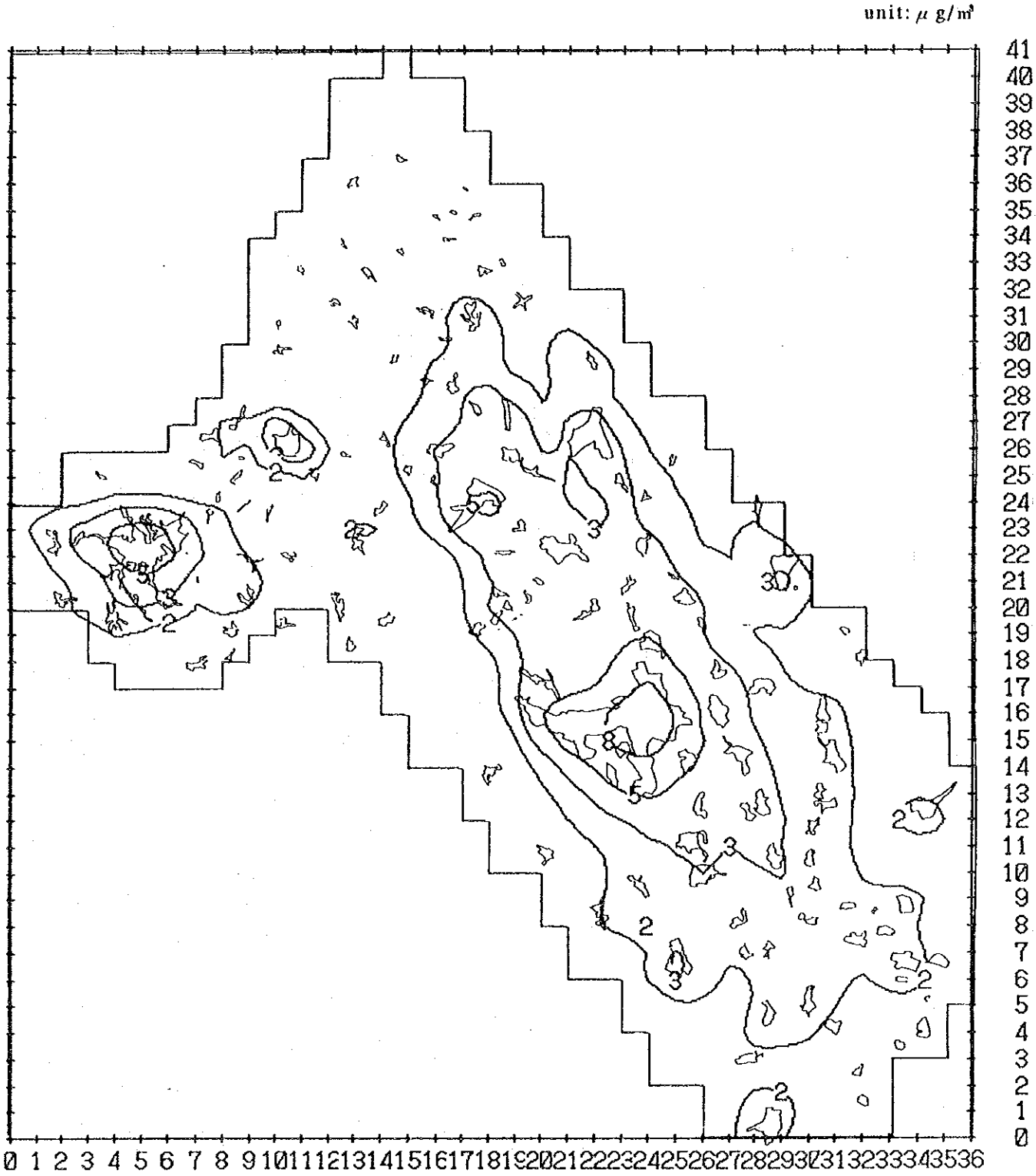


Figure D5.2.8 Annual Average Concentration Isopleth for NO2 in 1993 (Communal Sources)

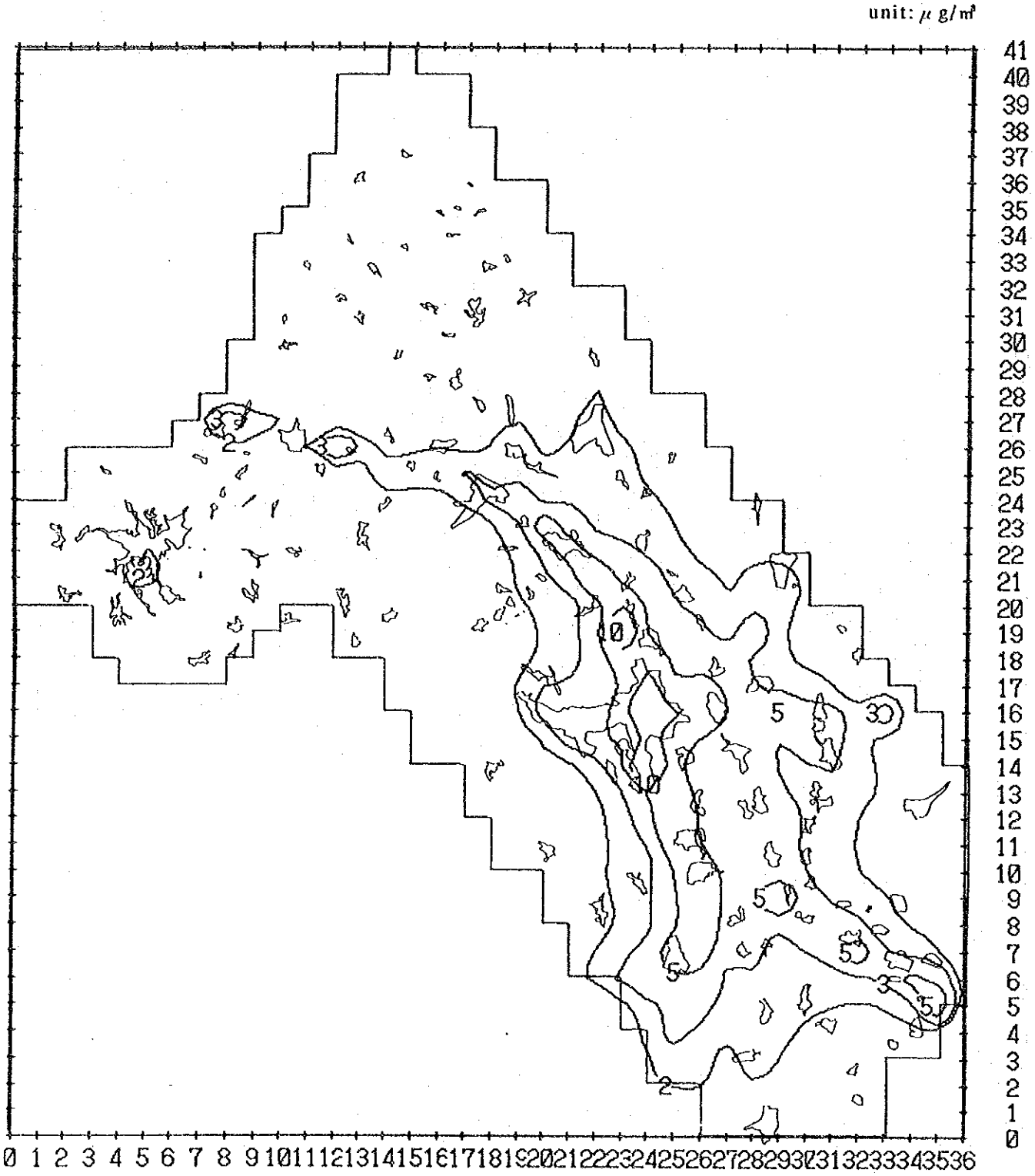


Figure D5.2.9 Annual Average Concentration Isopleth for NO2 in 1993 (Motor Vehicles)

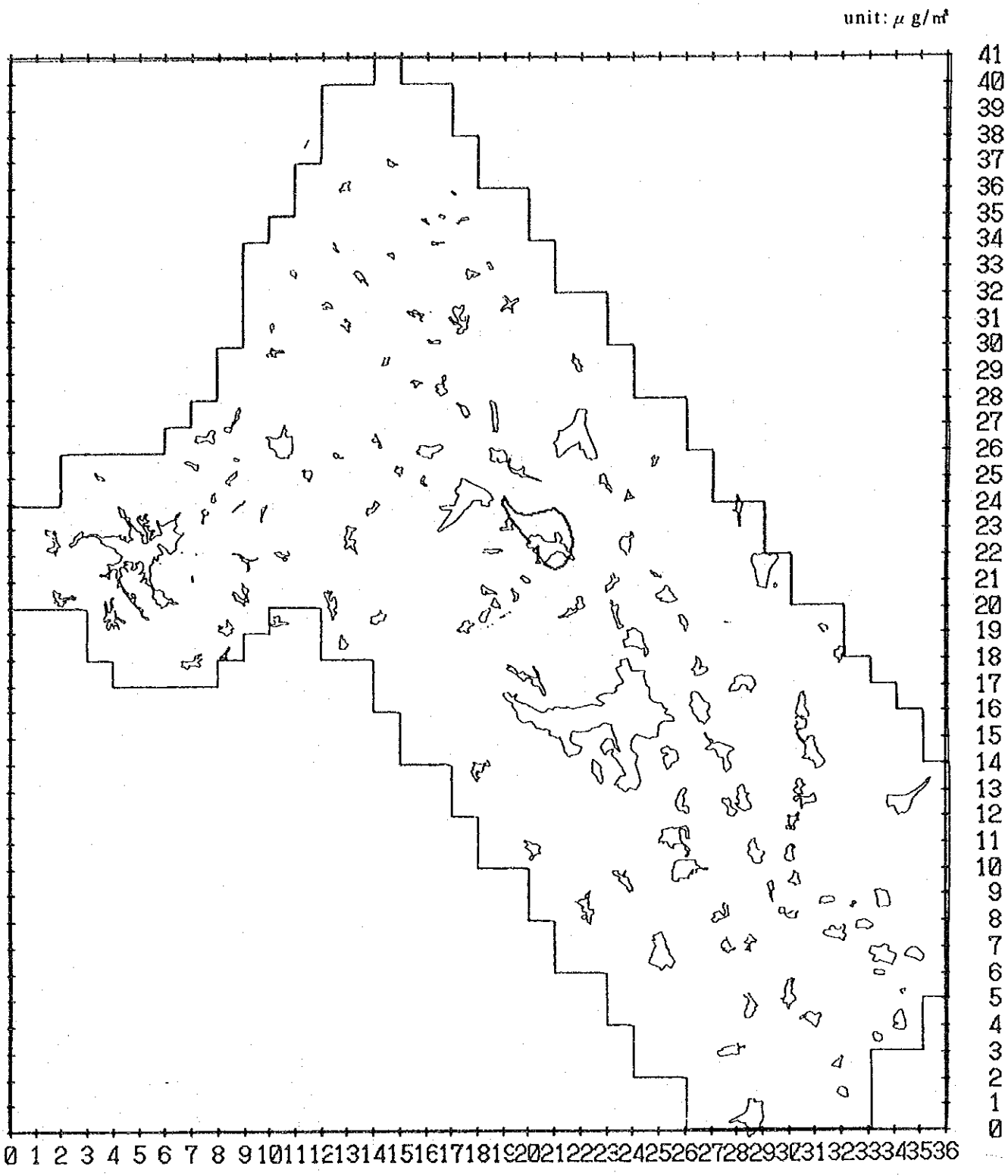


Figure D5.2.10 Annual Average Concentration Isopleth for NO2 in 1993 (Borsod P.S.)

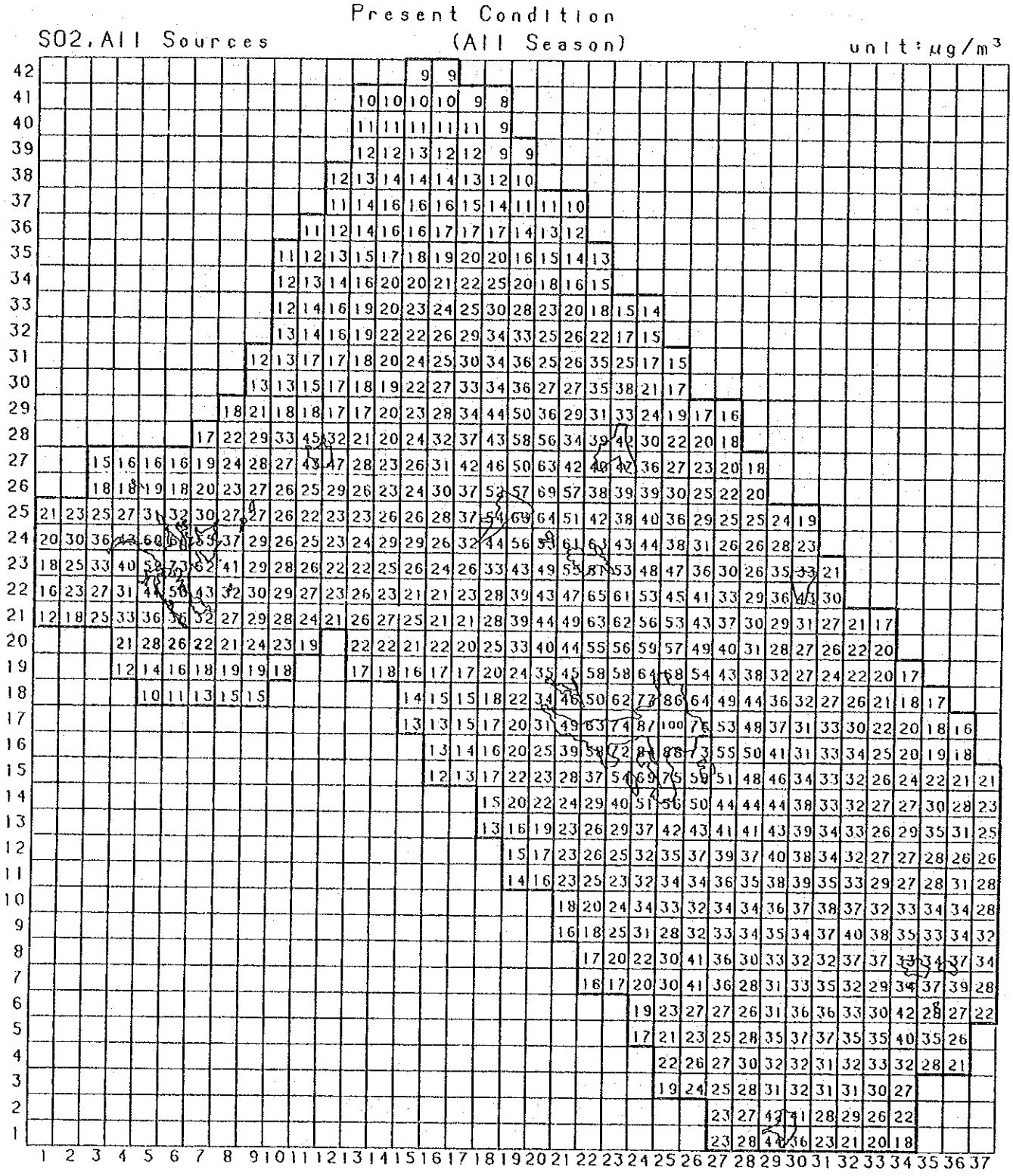


Figure D5.2.11 Annual Average Concentration for SO2 in 1993 (All Sources)

Present Condition

SO2, All Sources (Heating Season) unit: μg/m³

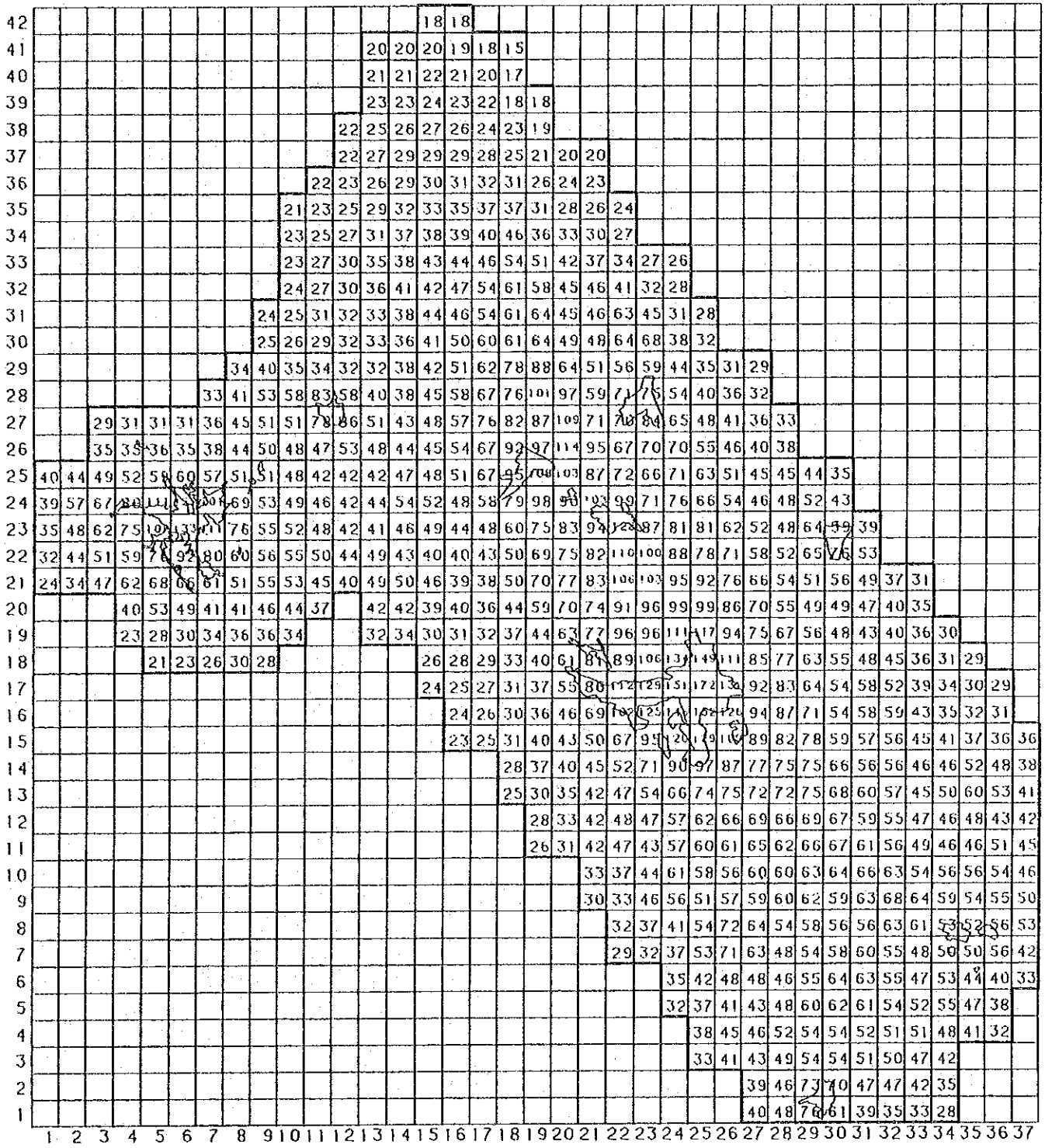


Figure D5.2.12 Average Concentration for SO2 in Heating Season (1993,All Sources)

Present Condition

SO2, All Sources (Non-Heating Season) unit: μg/m³

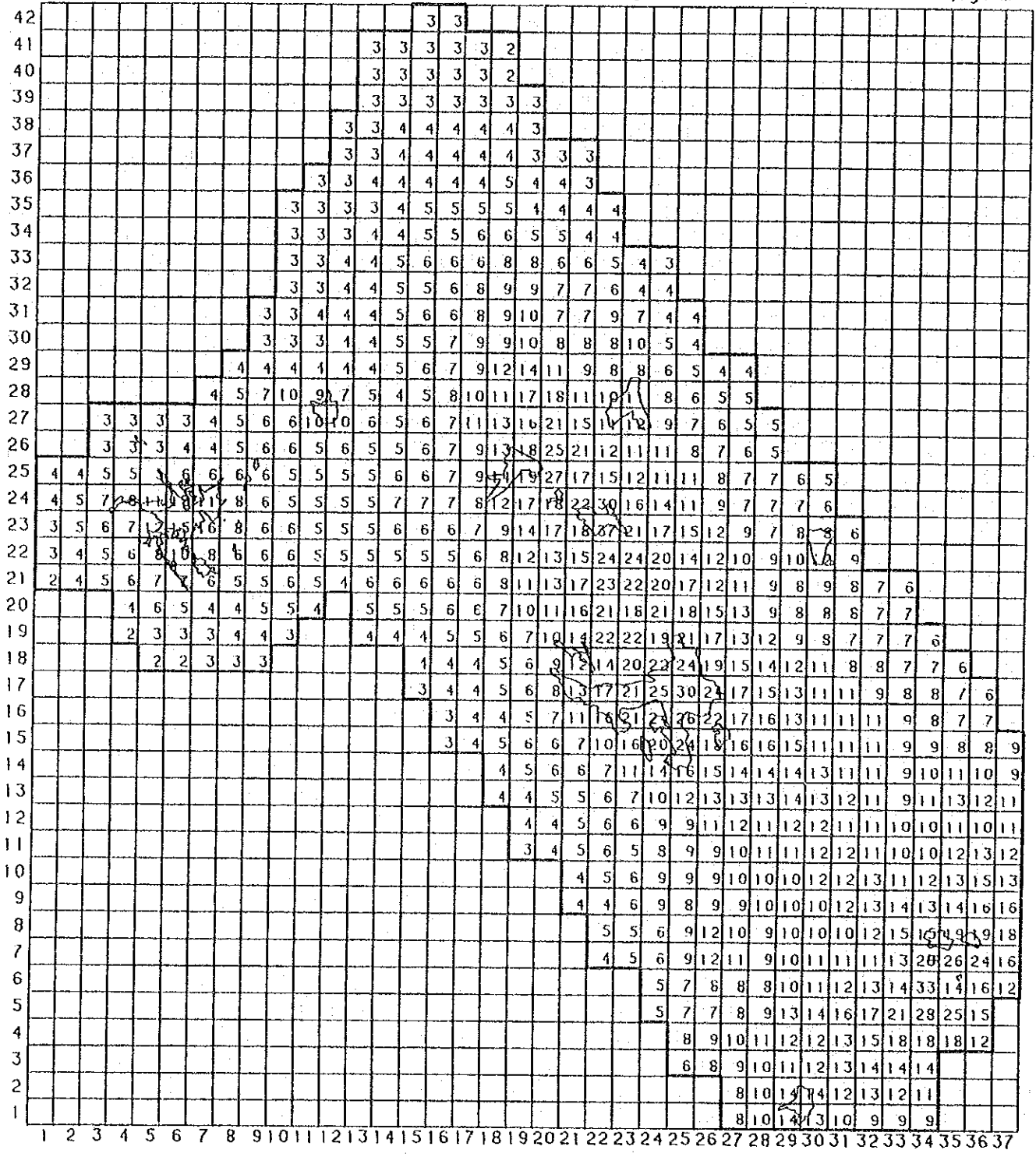


Figure D5.2.13 Average Concentration for SO2 in Non-Heating Season (1993, All Sources)

Present Condition

SO2, Industories (All Season) unit: μg/m³

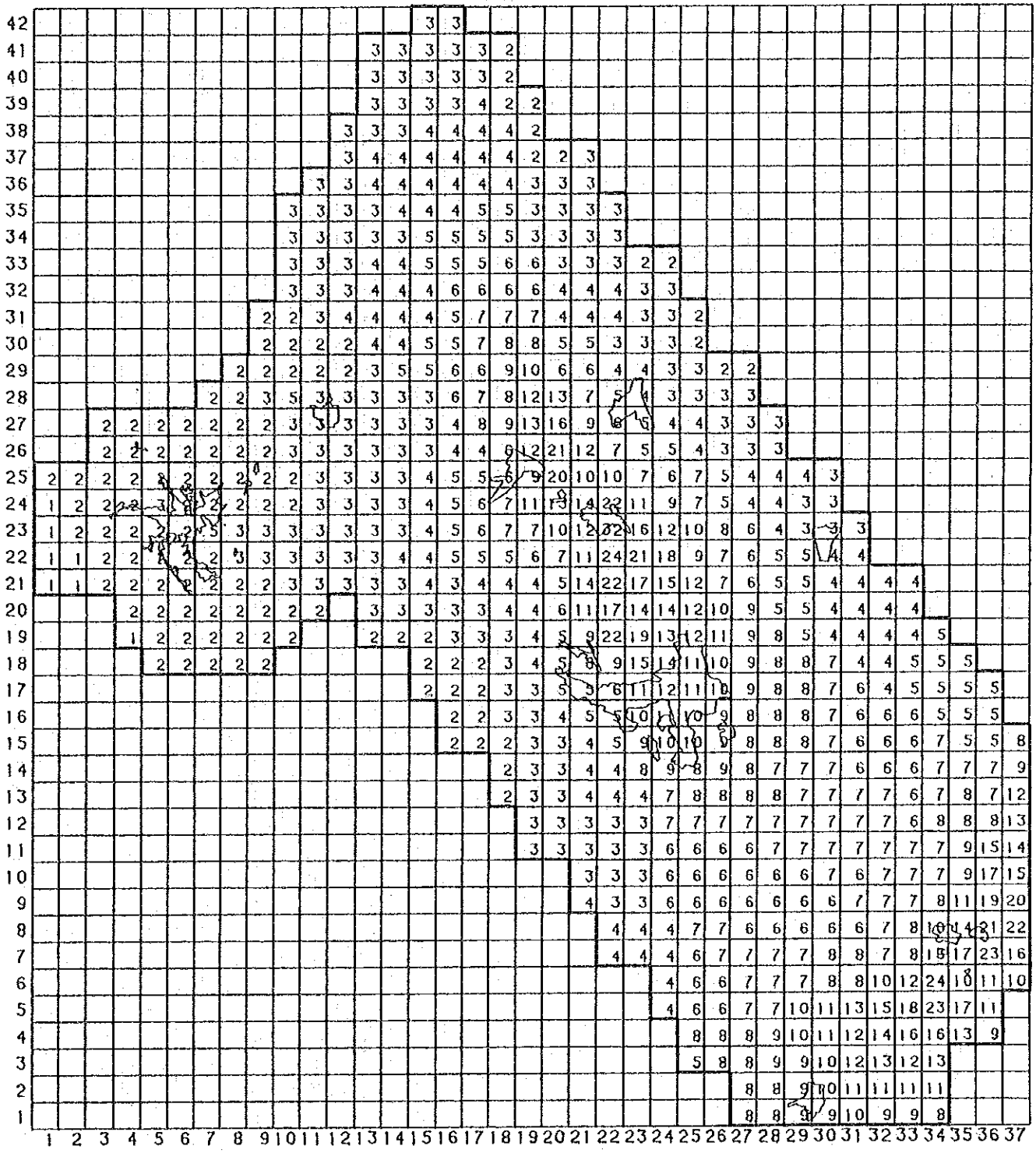


Figure D5.2.14 Annual Average Concentration for SO2 in 1993 (Industries)

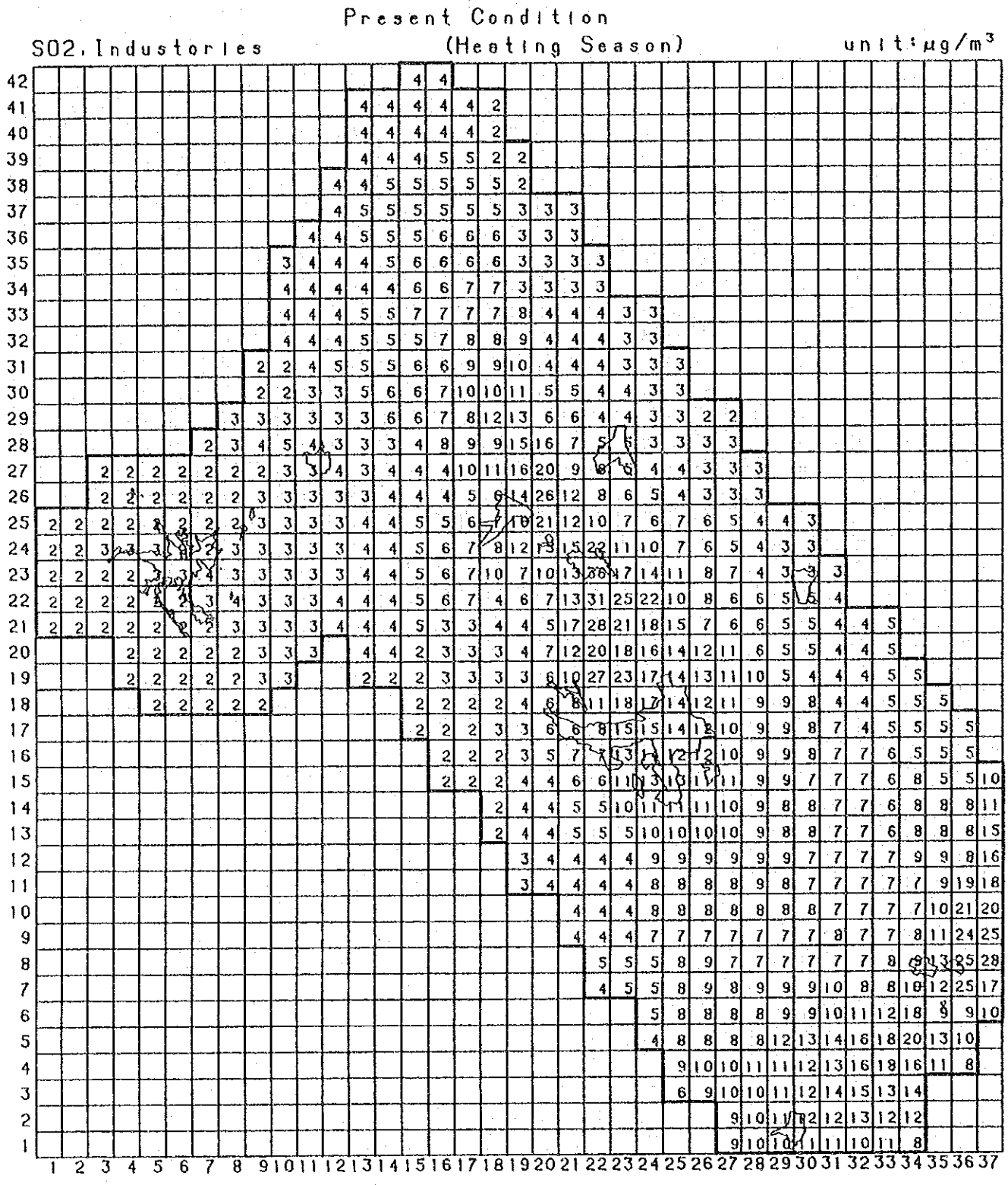


Figure D5.2.15 Average Concentration for SO2 in Heating Season (1993,Industries)

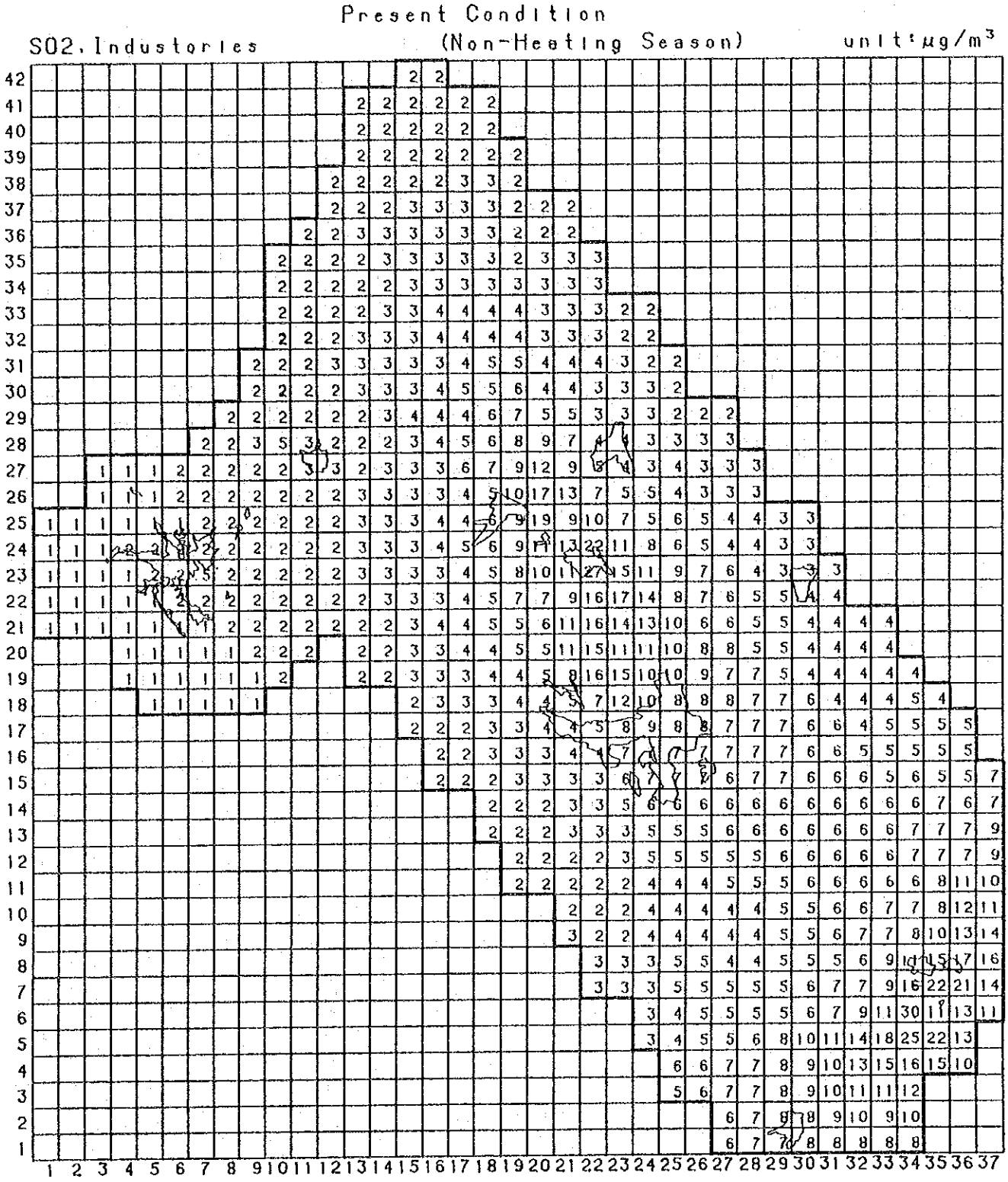


Figure D5.2.16 Average Concentration for SO2 in Non-Heating Season (1993,Industries)

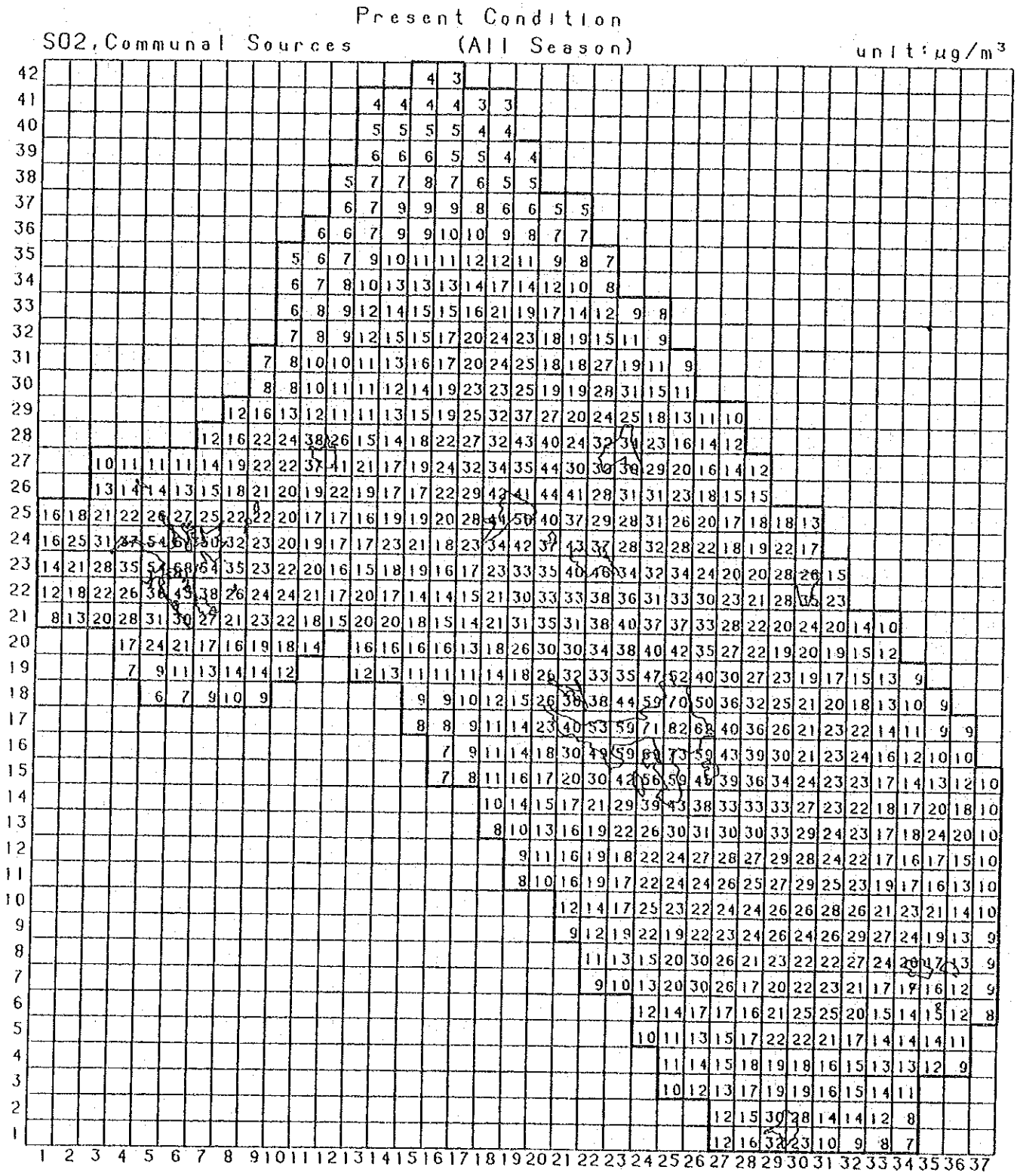


Figure D5.2.17 Annual Average Concentration for SO2 in 1993 (Communal Sources)

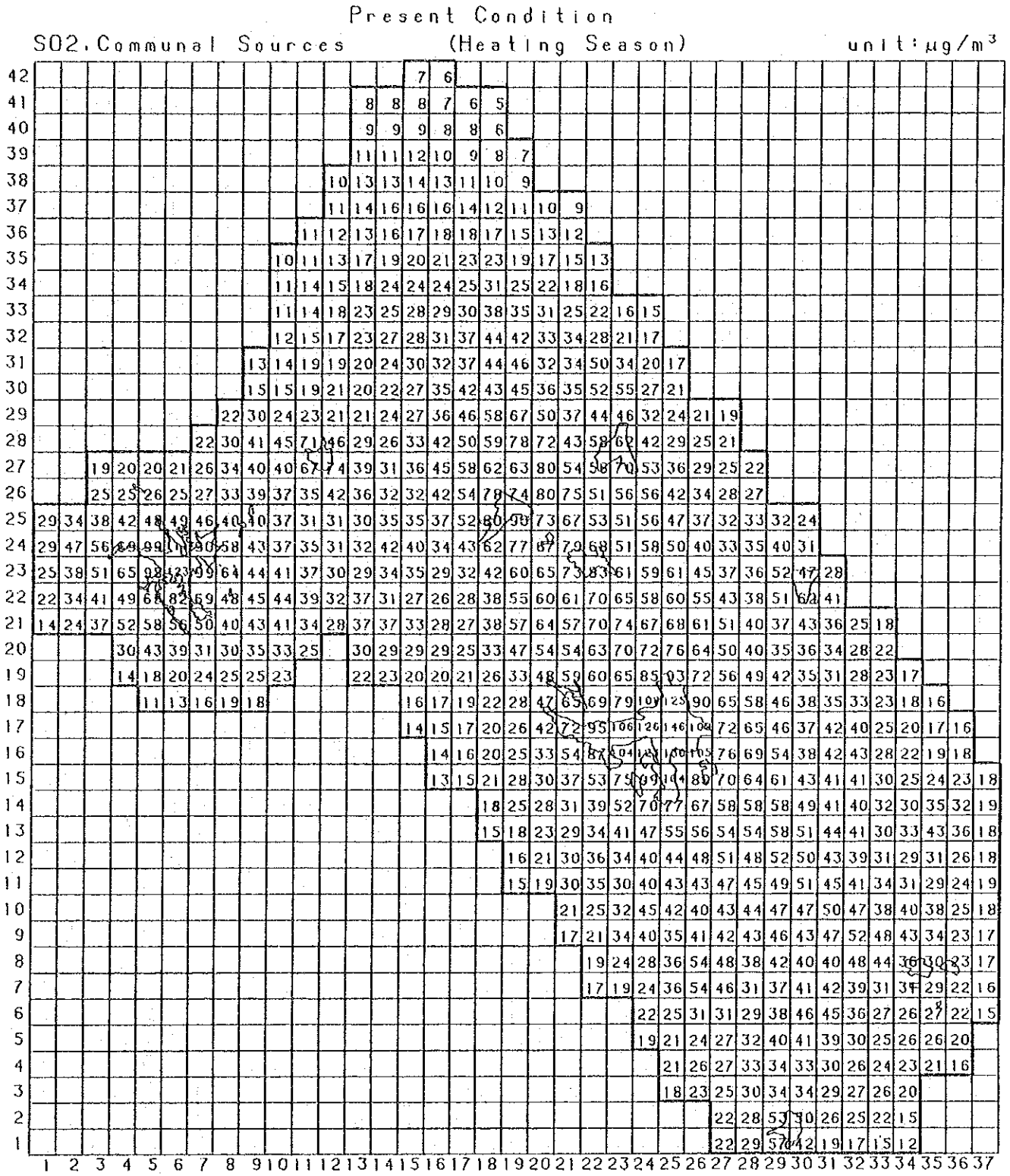


Figure D5.2.18 Average Concentration for SO2 in Heating Season (1993,Communal Sources)

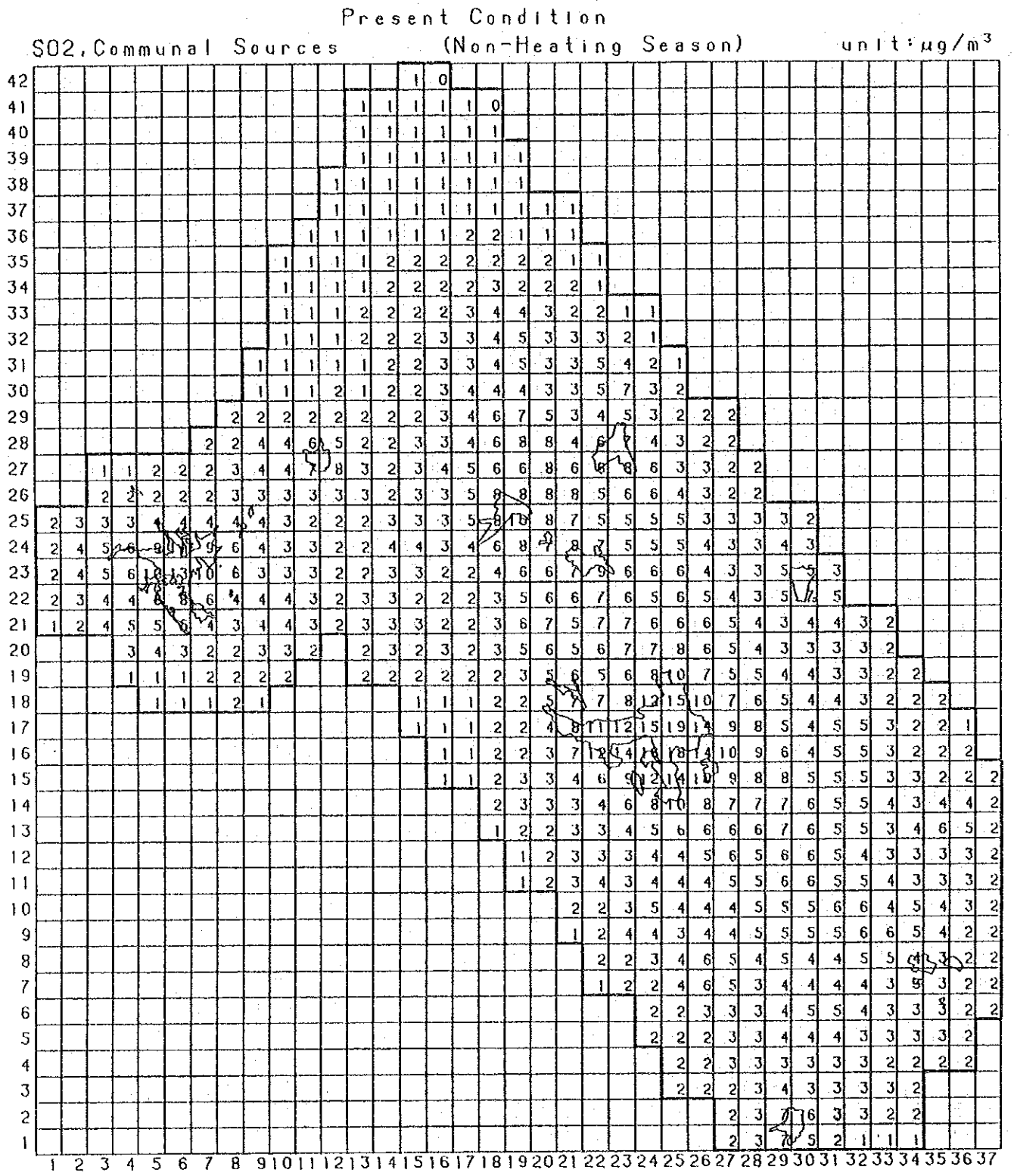


Figure D5.2.19 Average Concentration for SO2 in Non-Heating Season (1993,Communal Sources)

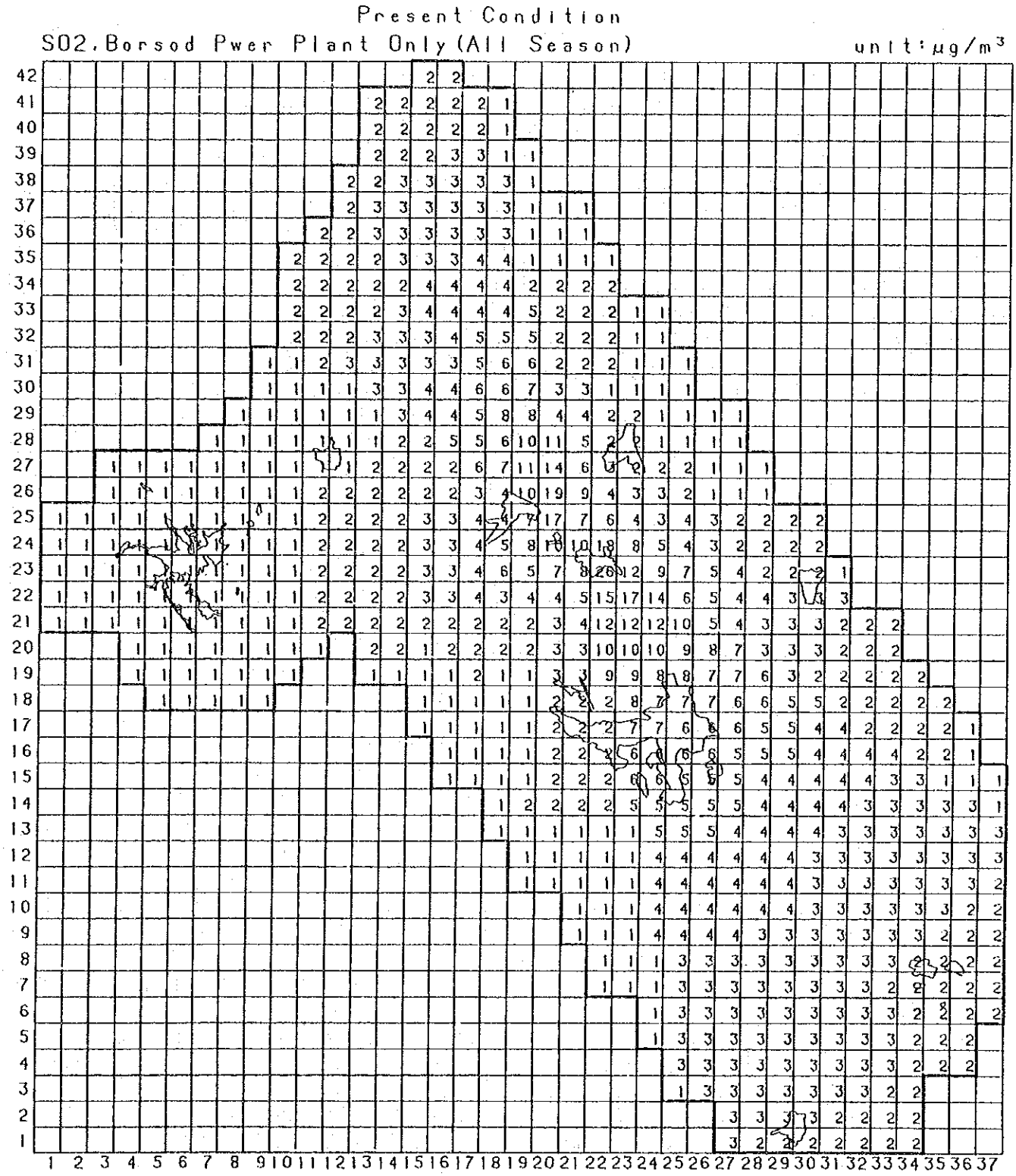


Figure D5.2.20 Annual Average Concentration for SO2 in 1993 (Borsod P.S.)

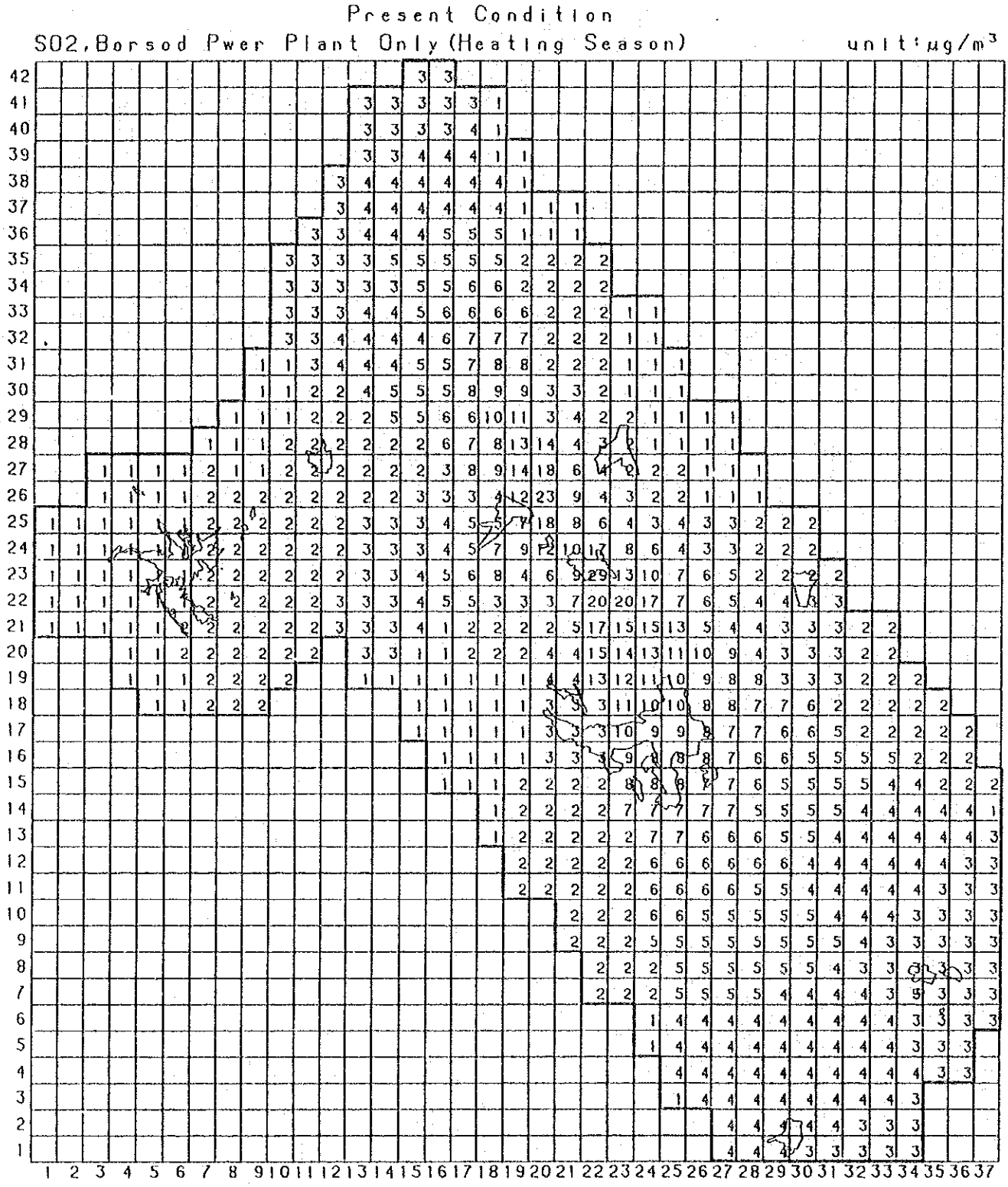


Figure D5.2.21 Average Concentration for SO2 in Heating Season (1993,Borsod P.S.)

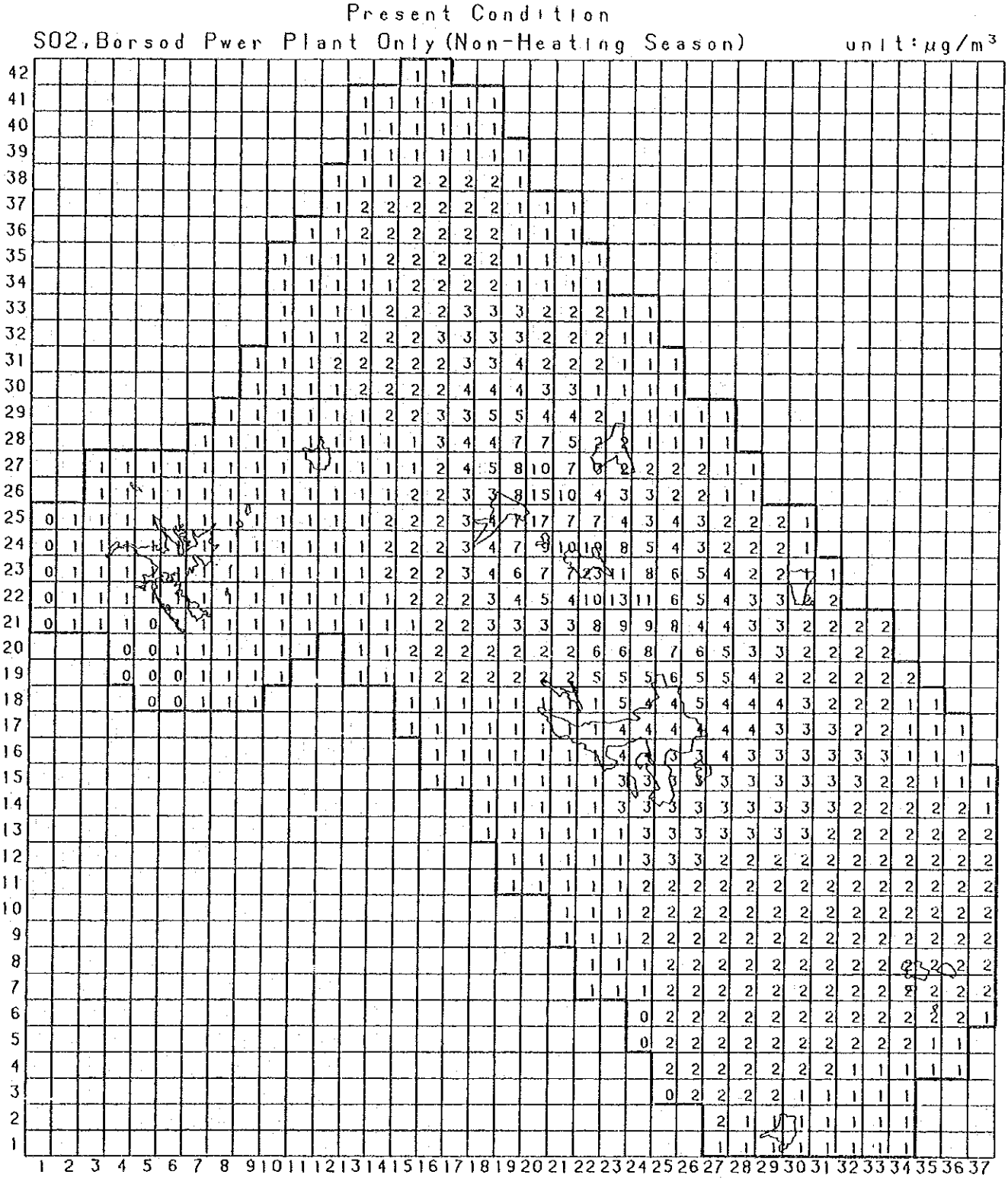


Figure D5.2.22 Average Concentration for SO2 in Non-Heating Season (1993,Borsod P.S.)

Present Condition

NOx, All Sources (All Season) unit: μg/m³

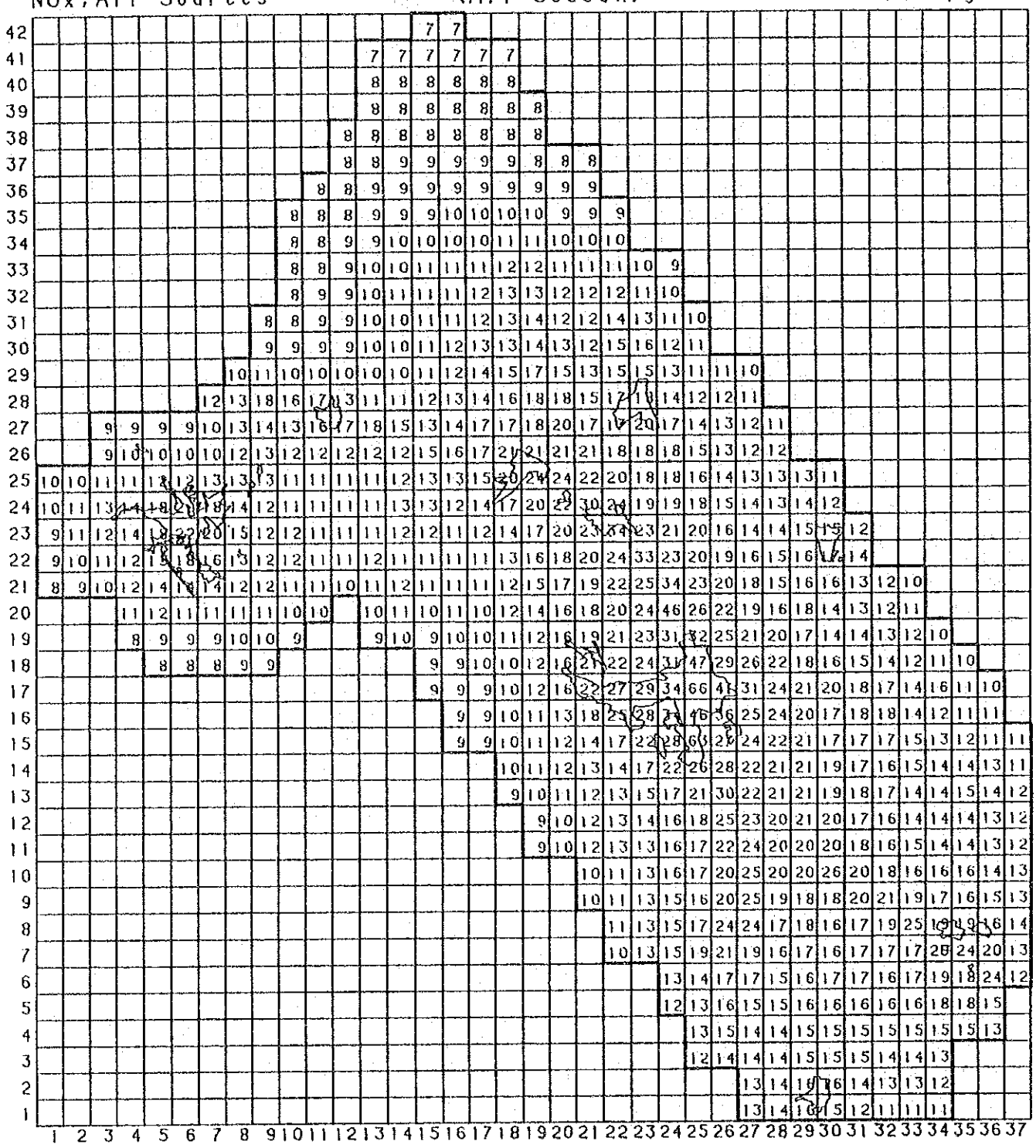


Figure D5.2.23 Annual Average Concentration for NOx in 1993 (All Sources)

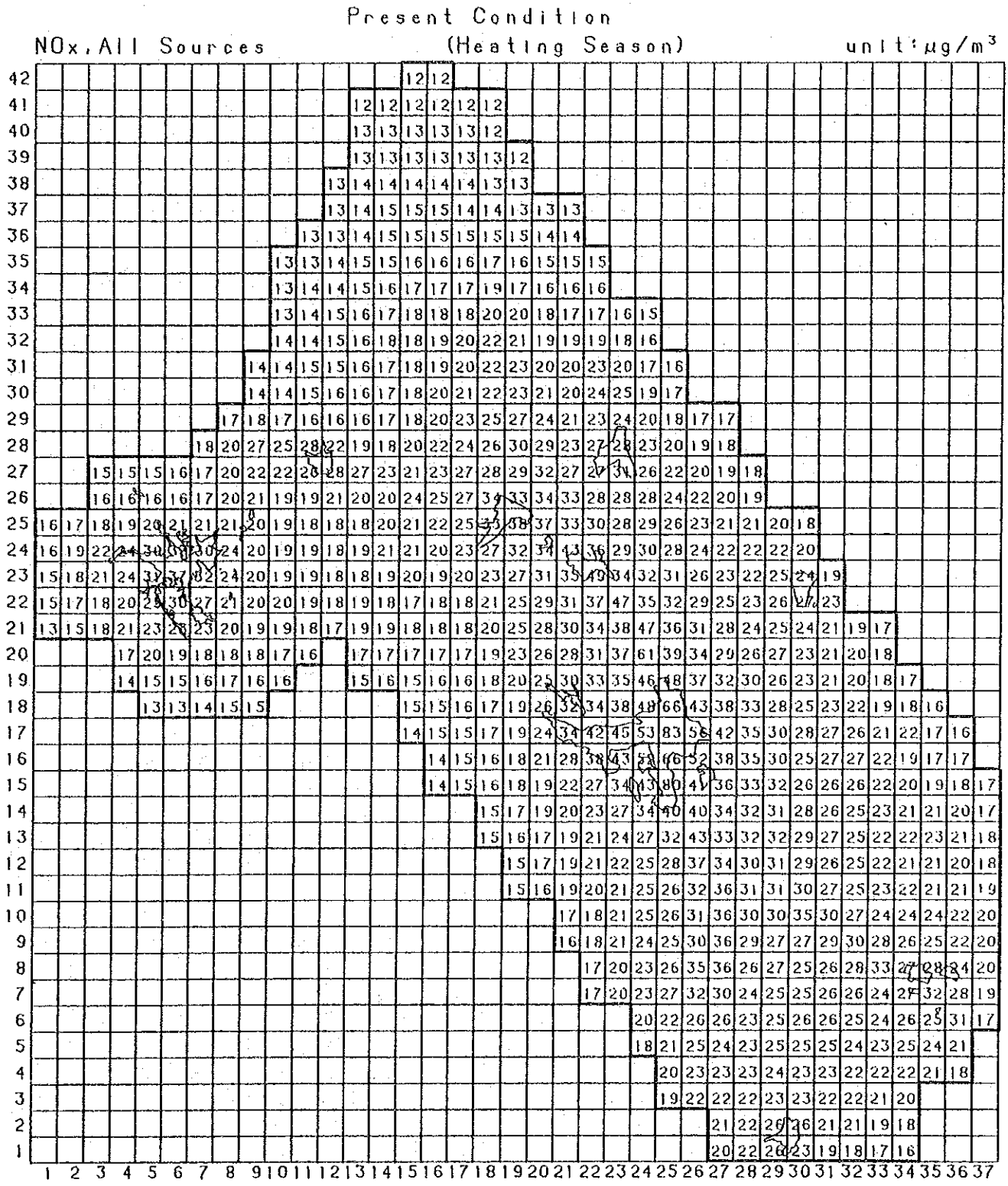


Figure D5.2.24 Average Concentration for NOx in Heating Season (1993,All Sources)

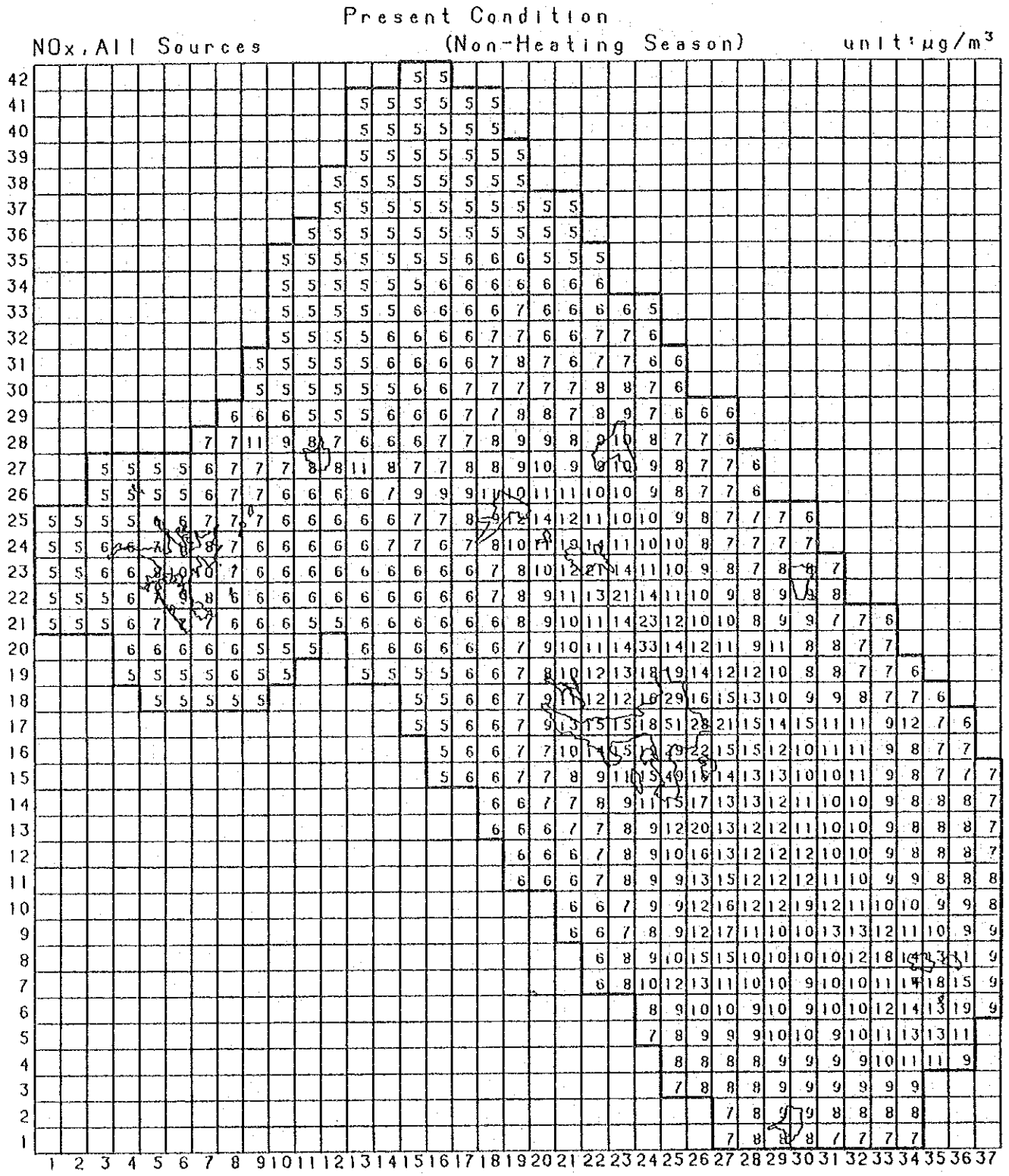


Figure D5.2.25 Average Concentration for NOx in Non-Heating Season (1993,All Sources)

Present Condition

NOx, Communal Sources (All Season) unit: μg/m³

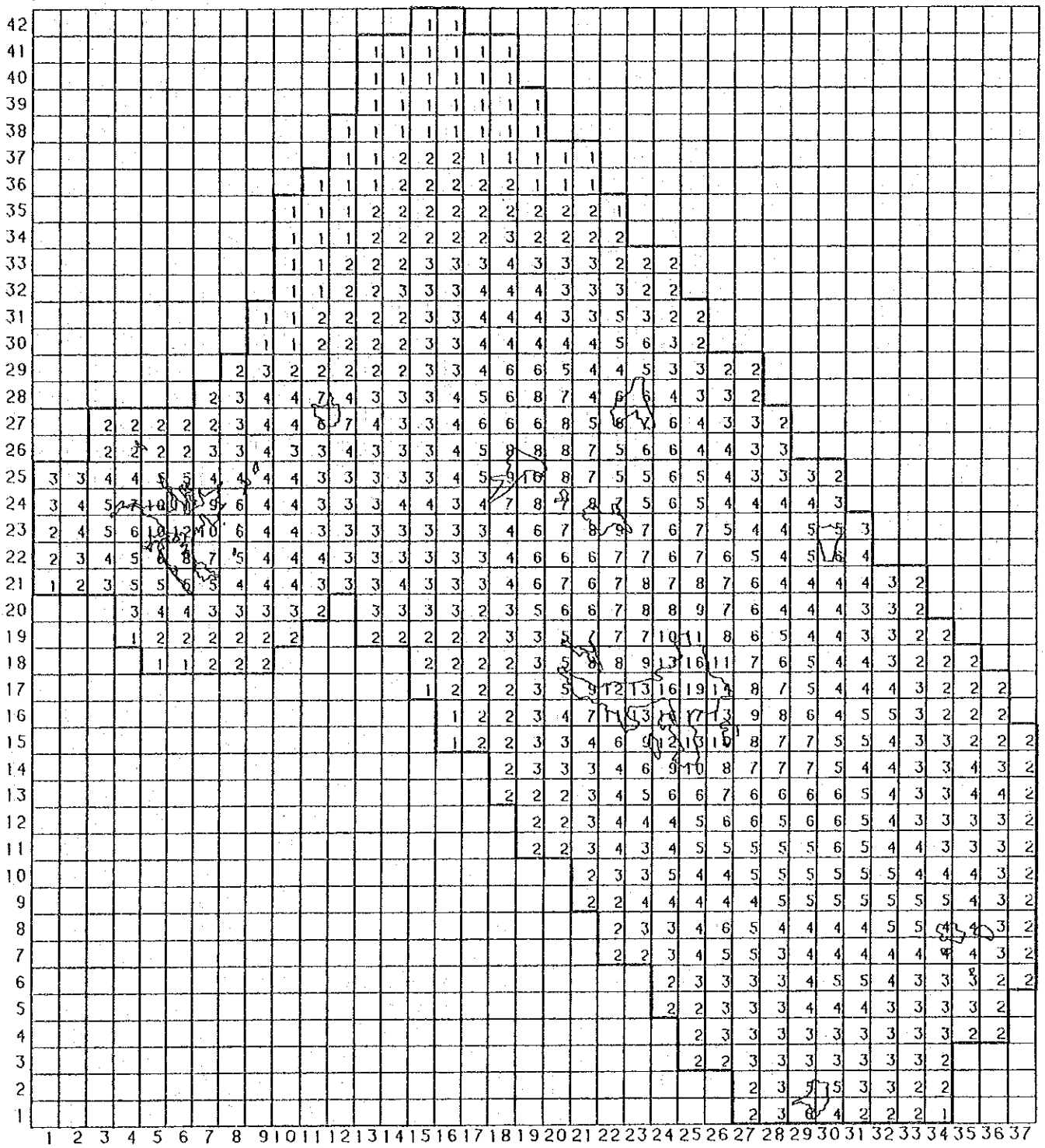


Figure D5.2.26 Annual Average Concentration for NOx in 1993 (Communal Sources)

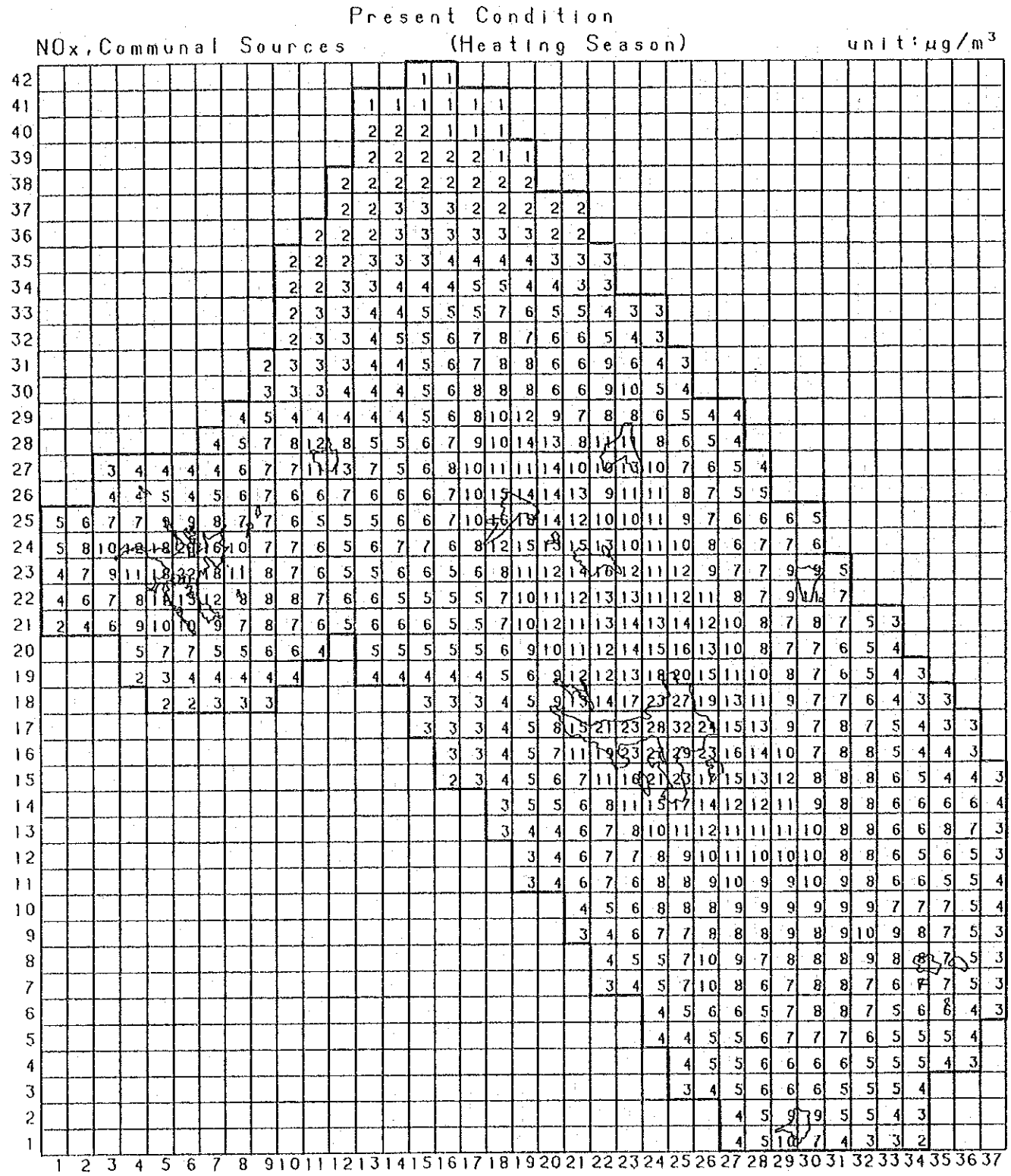


Figure D5.2.27 Average Concentration for NOx in Heating Season (1993,Communal Sources)

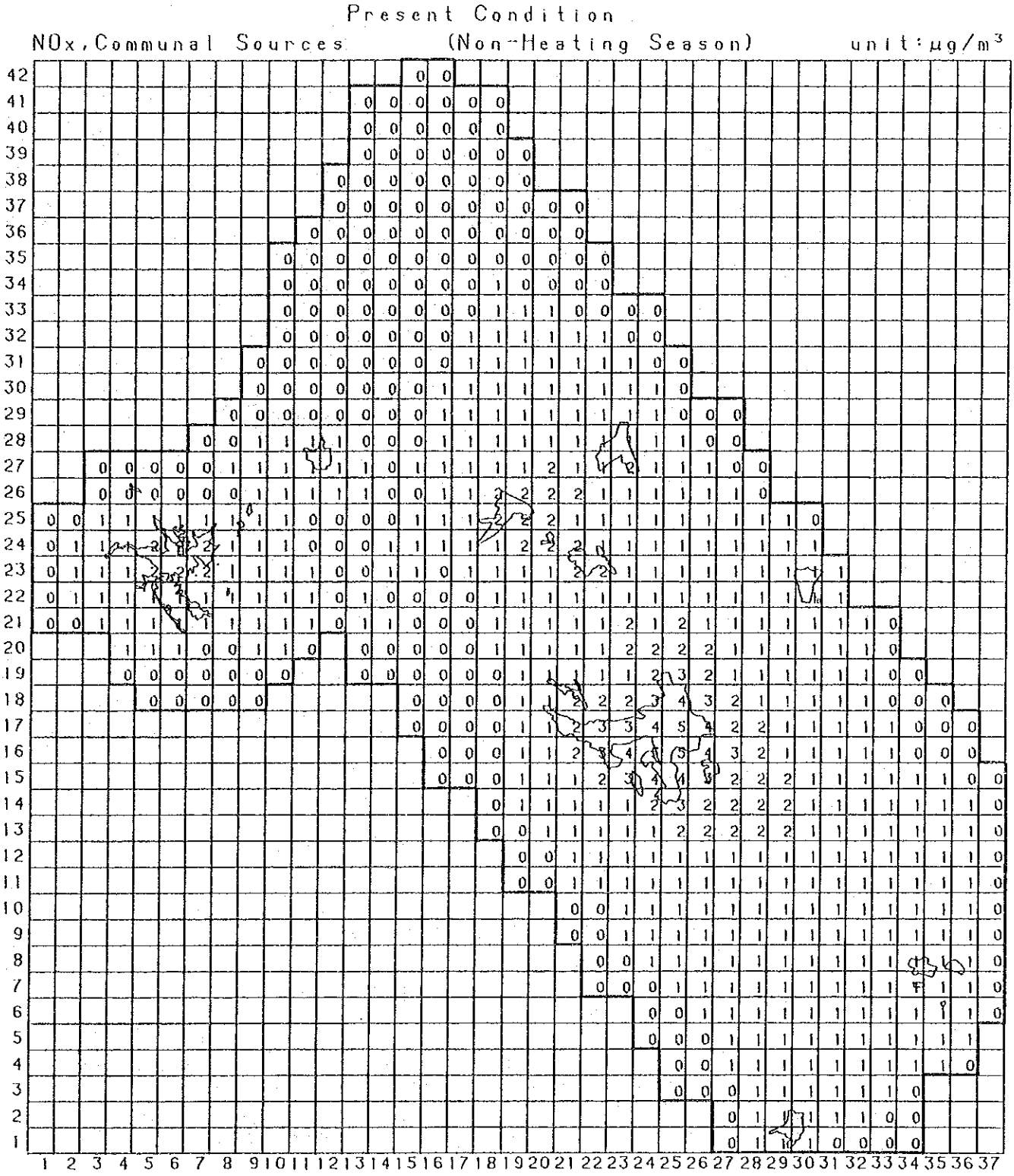


Figure D5.2.28 Average Concentration for NOx in Non-Heating Season (1993,Communal Sources)

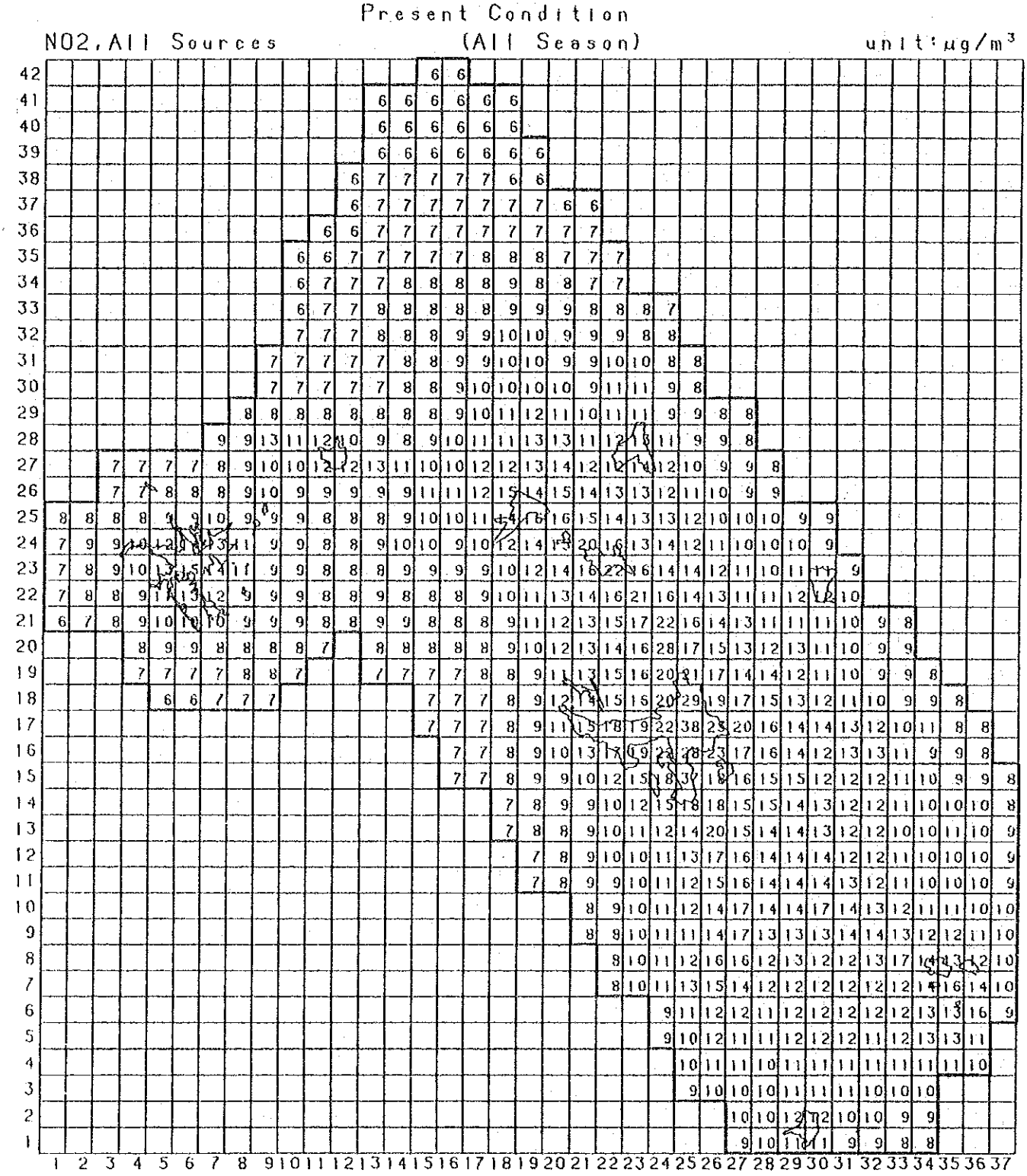


Figure D5.2.29 Annual Average Concentration for NO2 in 1993 (All Sources)

Present Condition

NO2, All Sources (Heating Season) unit: μg/m³

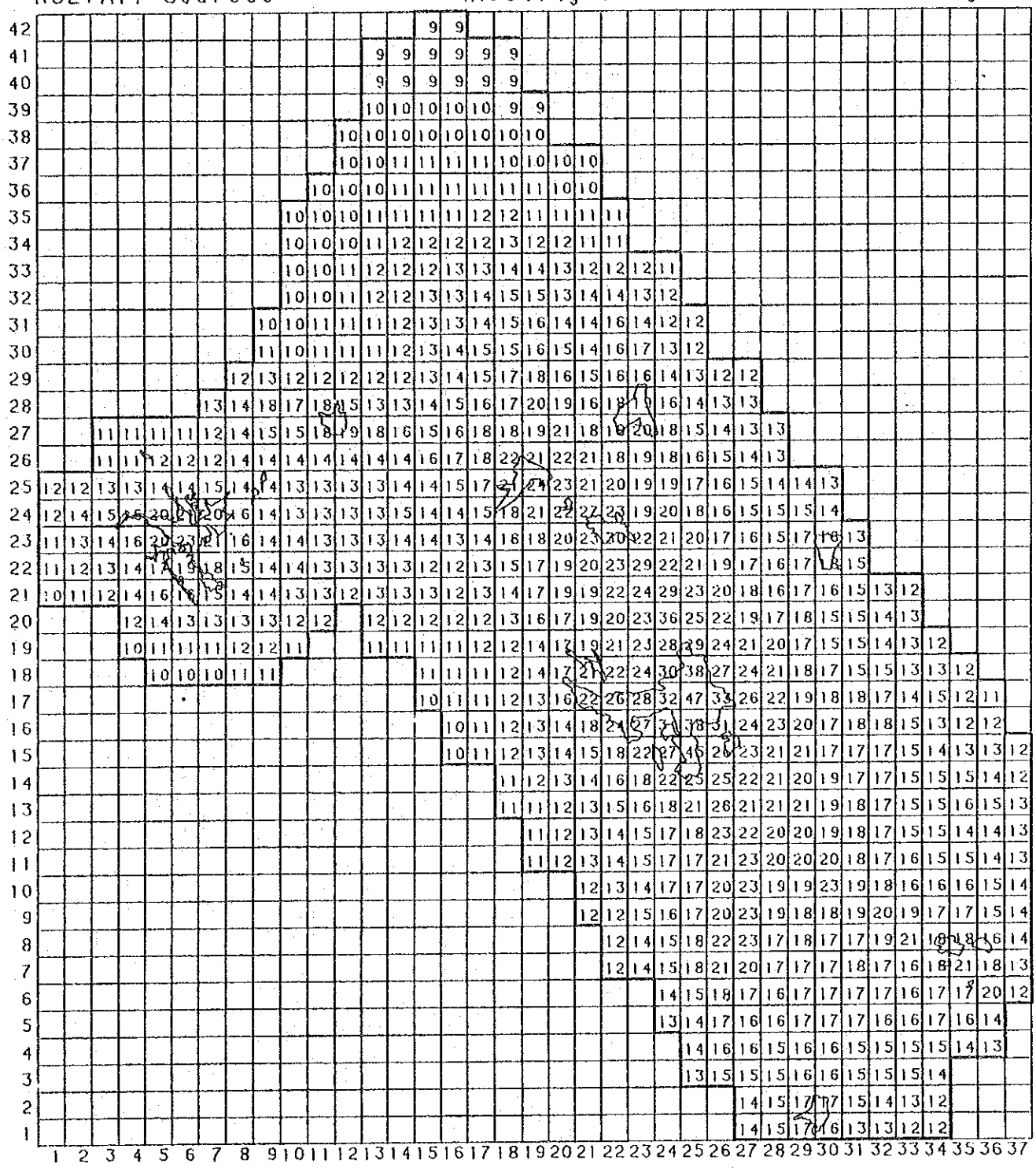


Figure D5.2.30 Average Concentration for NO2 in Heating Season (1993,All Sources)

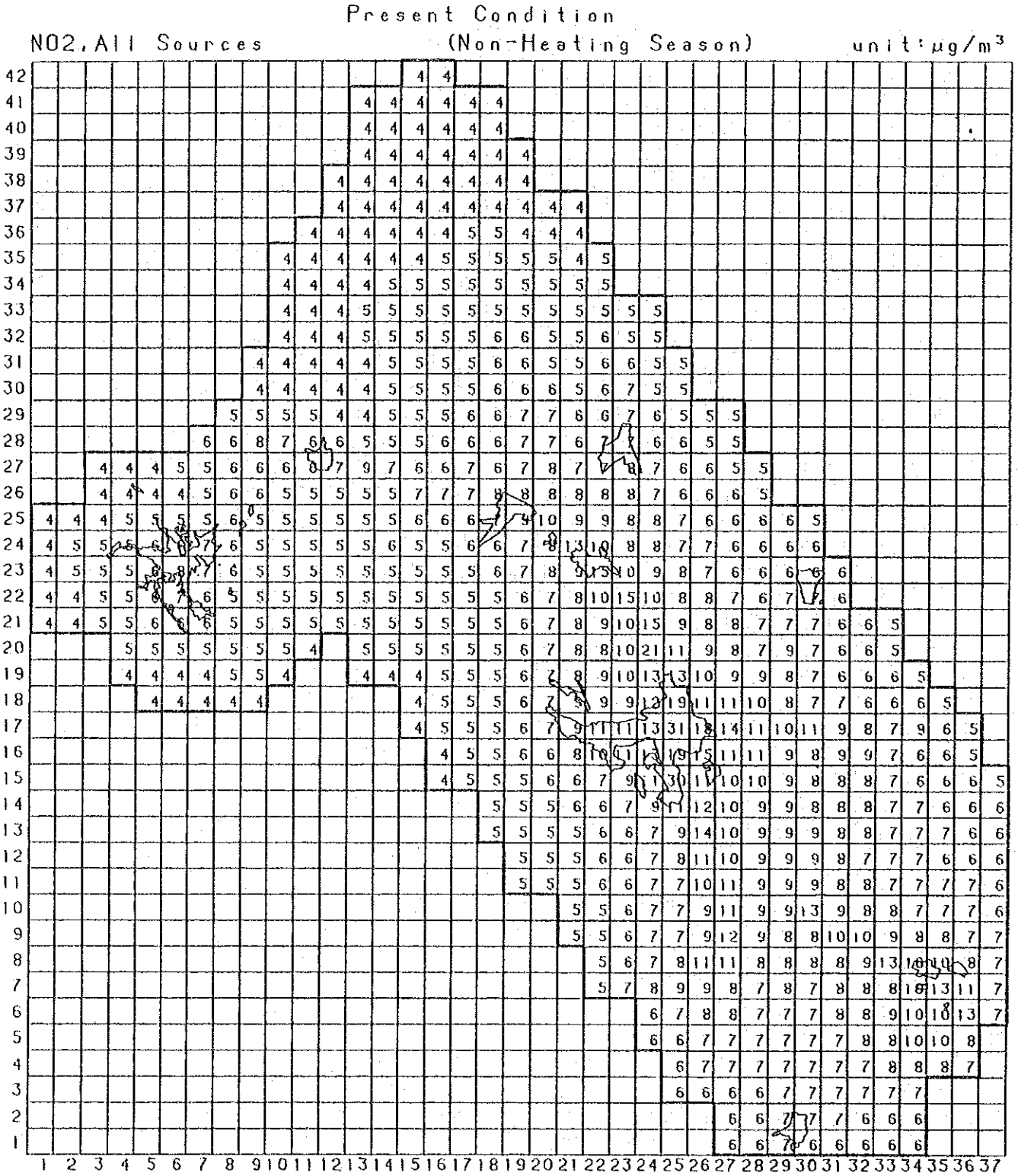


Figure D5.2.31 Average Concentration for NO2 in Non-Heating Season (1993, All Sources)

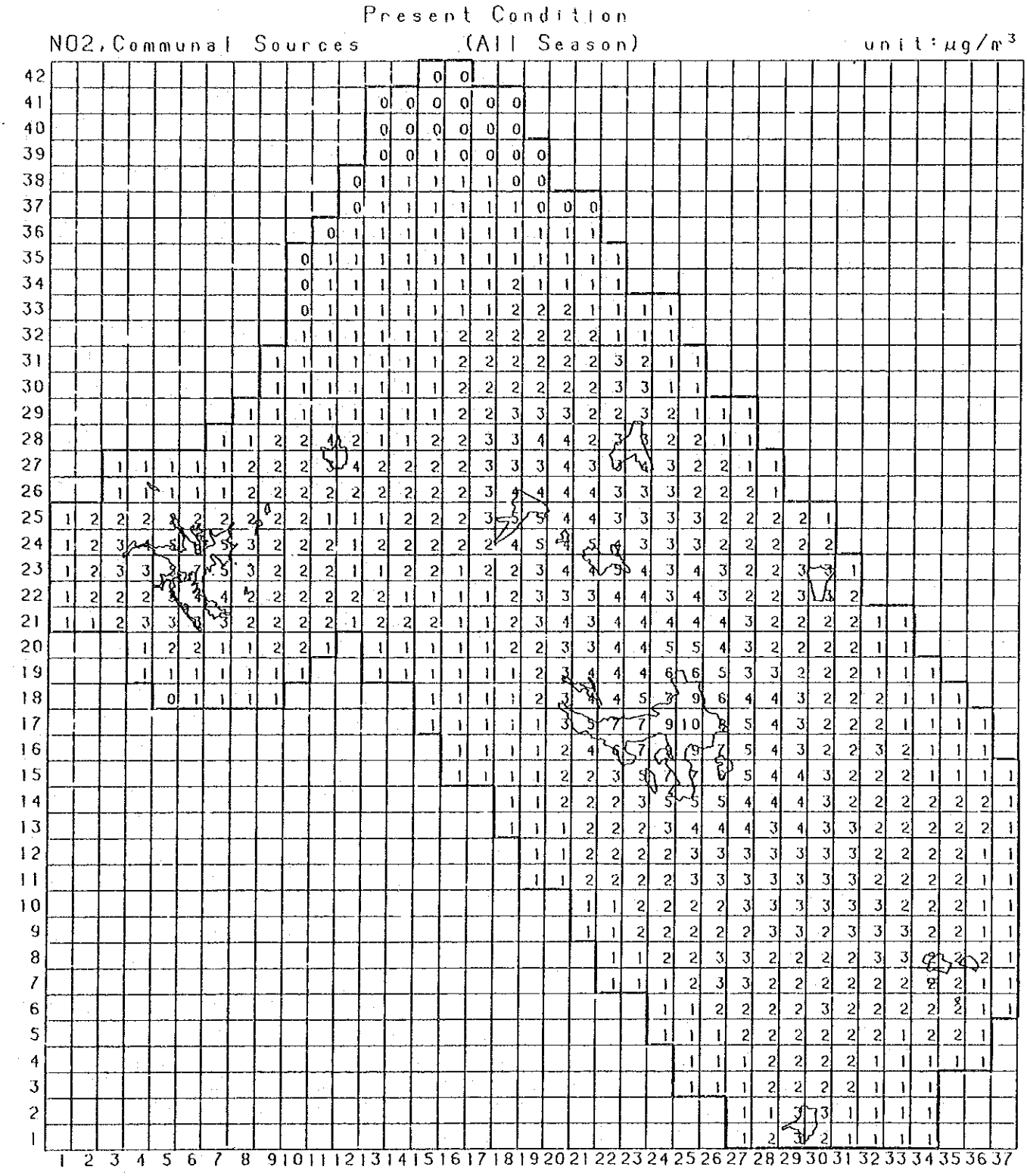


Figure D5.2.32 Annual Average Concentration for NO2 in 1993 (Communal Sources)

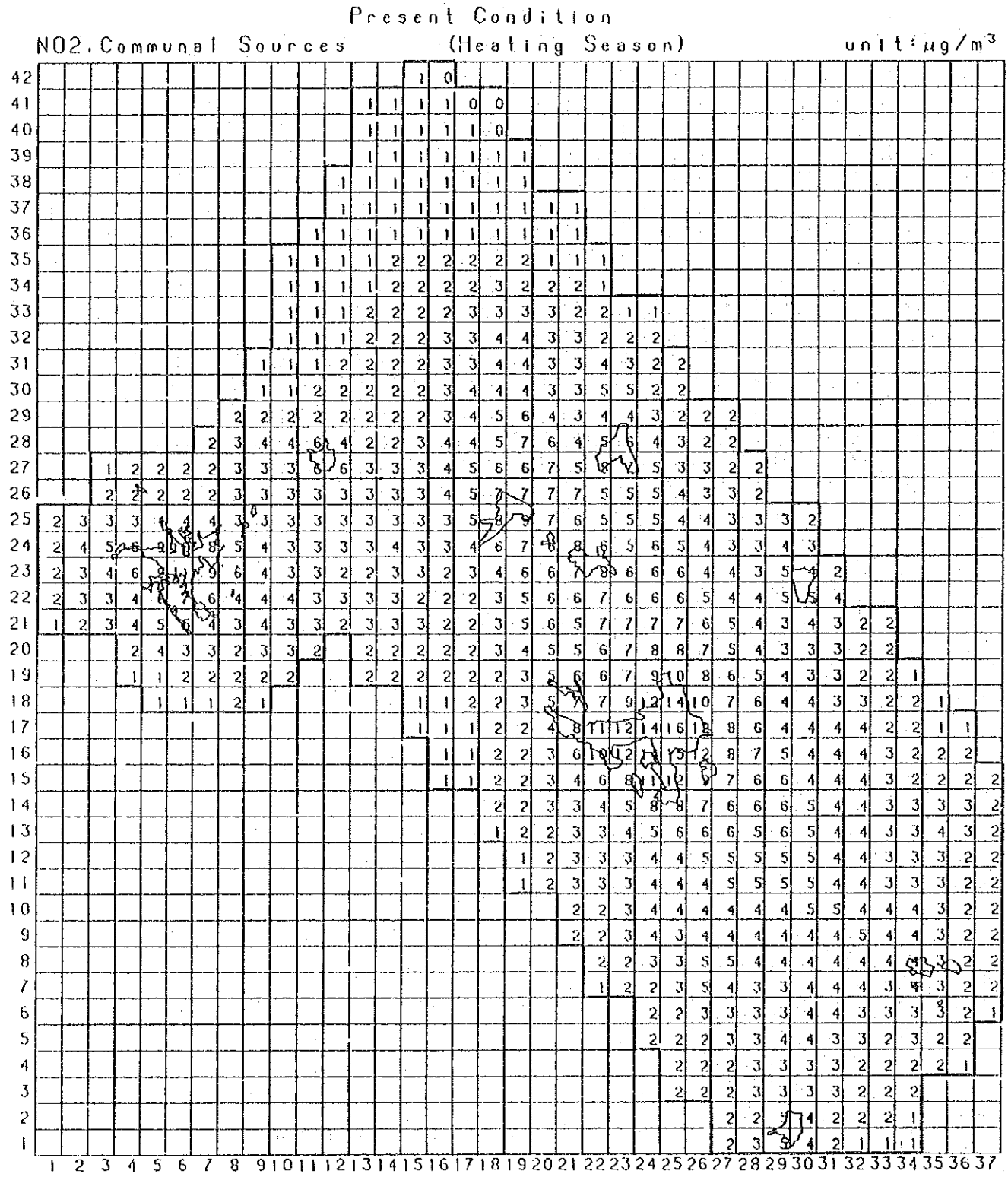


Figure D5.2.33 Average Concentration for NO2 in Heating Season (1993,Communal Sources)

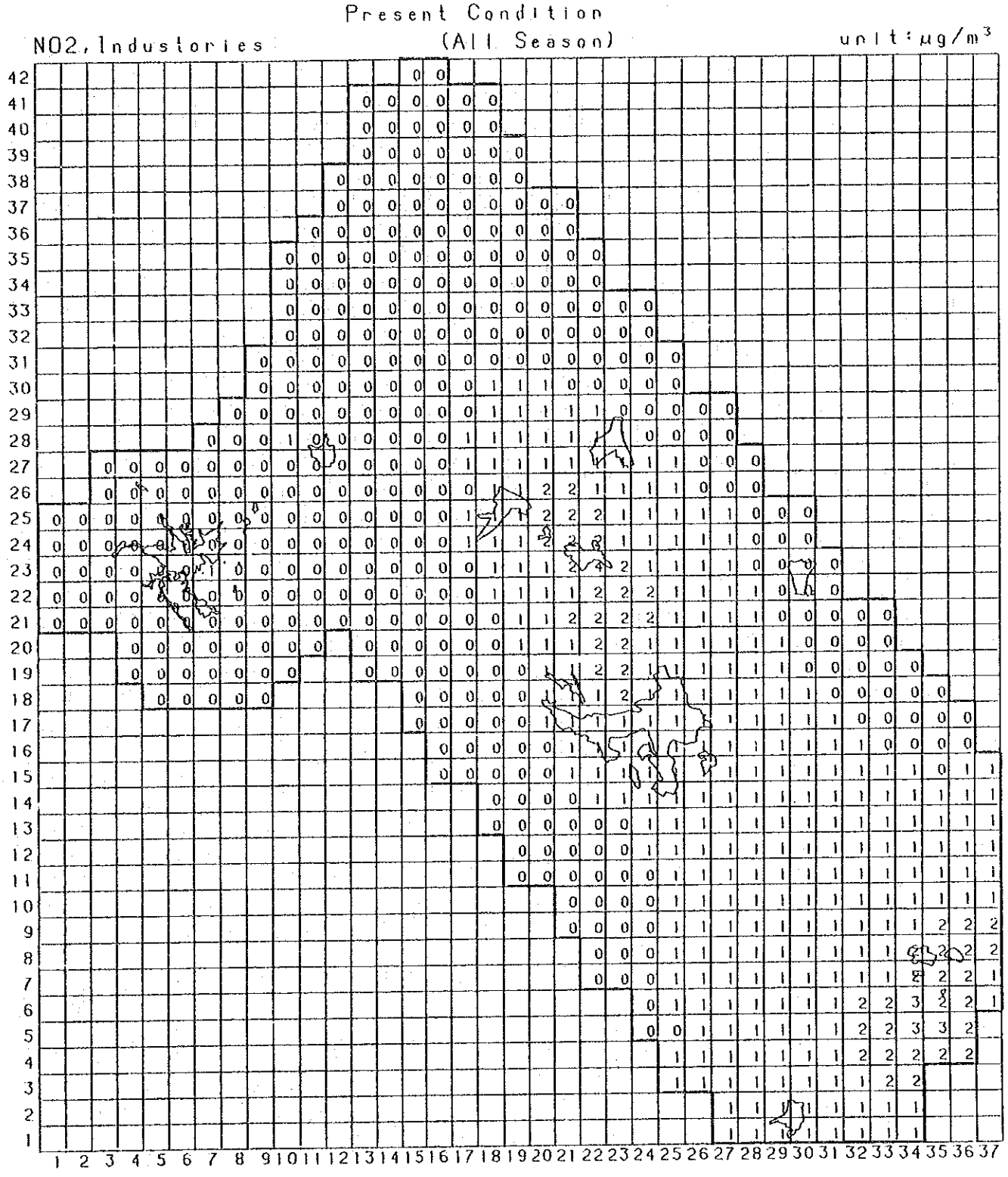


Figure D5.2.34 Annual Average Concentration for NO2 in 1993 (Industries)

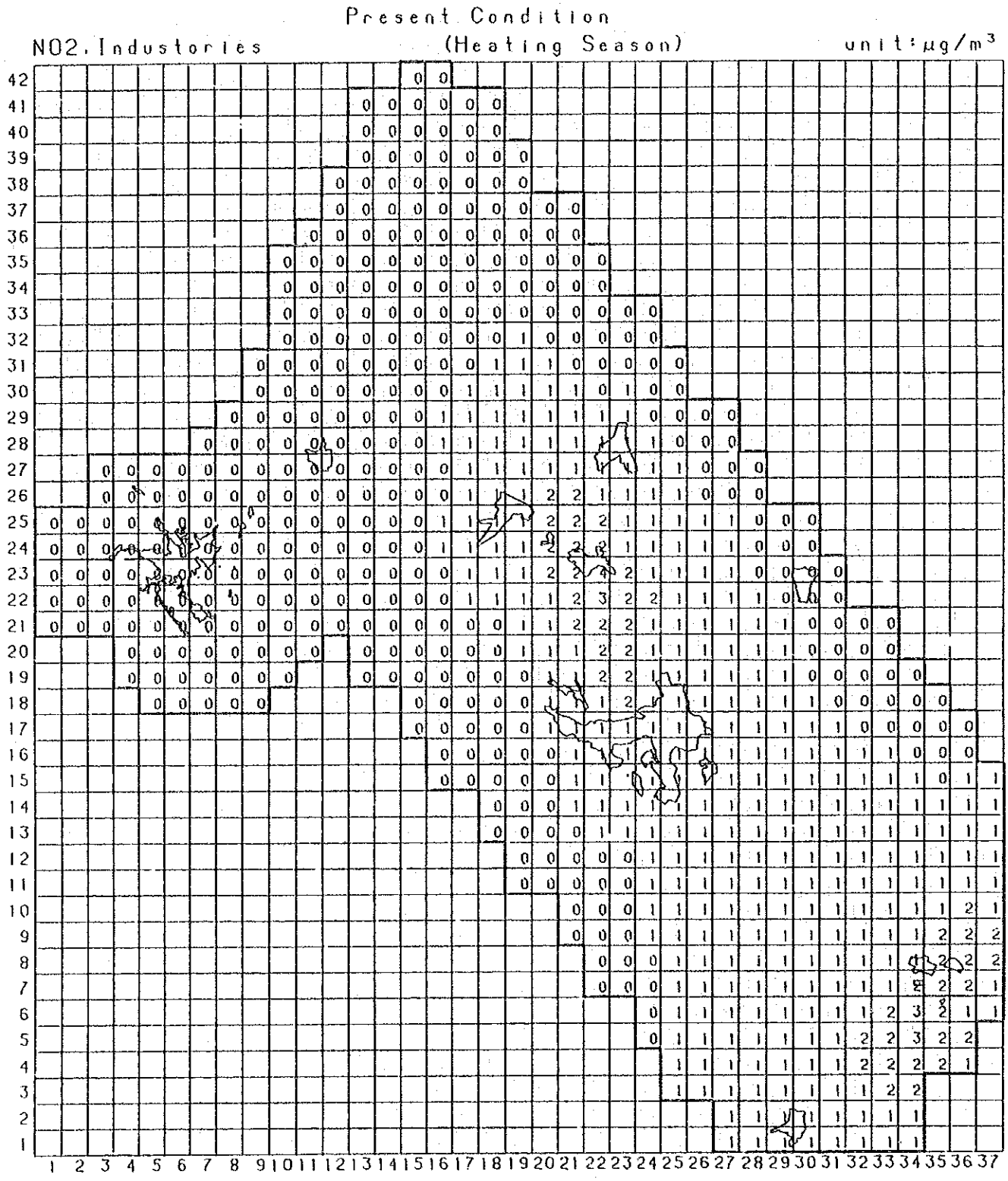


Figure D5.2.35 Average Concentration for NO2 in Heating Season (1993,Industries)