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EPA-550/9-74-023-A



**POPULATION DISTRIBUTION
OF THE UNITED STATES
AS A FUNCTION OF
OUTDOOR NOISE LEVEL**

VOLUME 2

JUNE 1974

**U.S. ENVIRONMENTAL PROTECTION AGENCY
Washington, D.C. 20460**

EPA-550/9-74-009-A

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VOLUME 2

JUNE 1974

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Prepared for:

U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Noise Abatement and Control
Washington, D.C. 20460

Under Contract No. 68-01-1886

This report has been approved for general availability. The contents of this report reflect the views of the contractor, who is responsible for the facts and the accuracy of the data presented herein, and do not necessarily reflect the official views or policy of EPA. This report does not constitute a standard specification, or regulation.

APPENDIX B

SITE DATA

This appendix provides a description of each of the 100 measurement sites utilized during this project. The computer output listings for each of the sites are also presented. Data are presented by city, in alphabetical order.

Figures B-1 through B-14 show maps of the fourteen cities in which noise measurements were obtained. On each map the specific measurement locations are indicated.

Figures B-15 through B-114 provide data for each of the sites. The first page of each figure, labeled Figure B-xx(a) provides a physical description of the site. A photo and vicinity map are shown, and the address, population density, and measured L_{dn} value are given. Also listed are various parameters of the traffic flow in the general vicinity of the site. The street on which the site is located, and the street in the vicinity of the site which most contributes to the noise environment of the site, are both classified into one of four categories: freeway, arterial, collector, and local. Also indicated are the types of vehicles that traverse these streets. Noise sources other than traffic that affect the noise environment at the site are also listed.

The second page of the figure, labeled Figure B-xx(b), lists various statistics and noise levels for each hour of the day. Tabulated are the maximum and minimum values occurring during the hour, the noise pollution level (NPL), the standard deviation (SIG) of the distribution of levels

occurring during the hour, the L-equivalent level (LEQ), and the traffic noise index (TNI). Various percentile levels ranging from L_1 to L_{99} are also listed.

Similar noise measures are tabulated for the daytime (0700-2200 hrs.) and nighttime (2200-0700 hrs.) periods on the final page, labeled Figure B-xx(c). Plotted at the top of this page is the distribution of levels for the daytime and nighttime periods. Also, the weighted 24-hour L-equivalent value, with weighting factors of 0, 8, 10, and 12 decibels for the nighttime period, are listed. Note that the weighted L-equivalent value for a weighting factor of 10 decibels is the day/night sound level (L_{dn}).

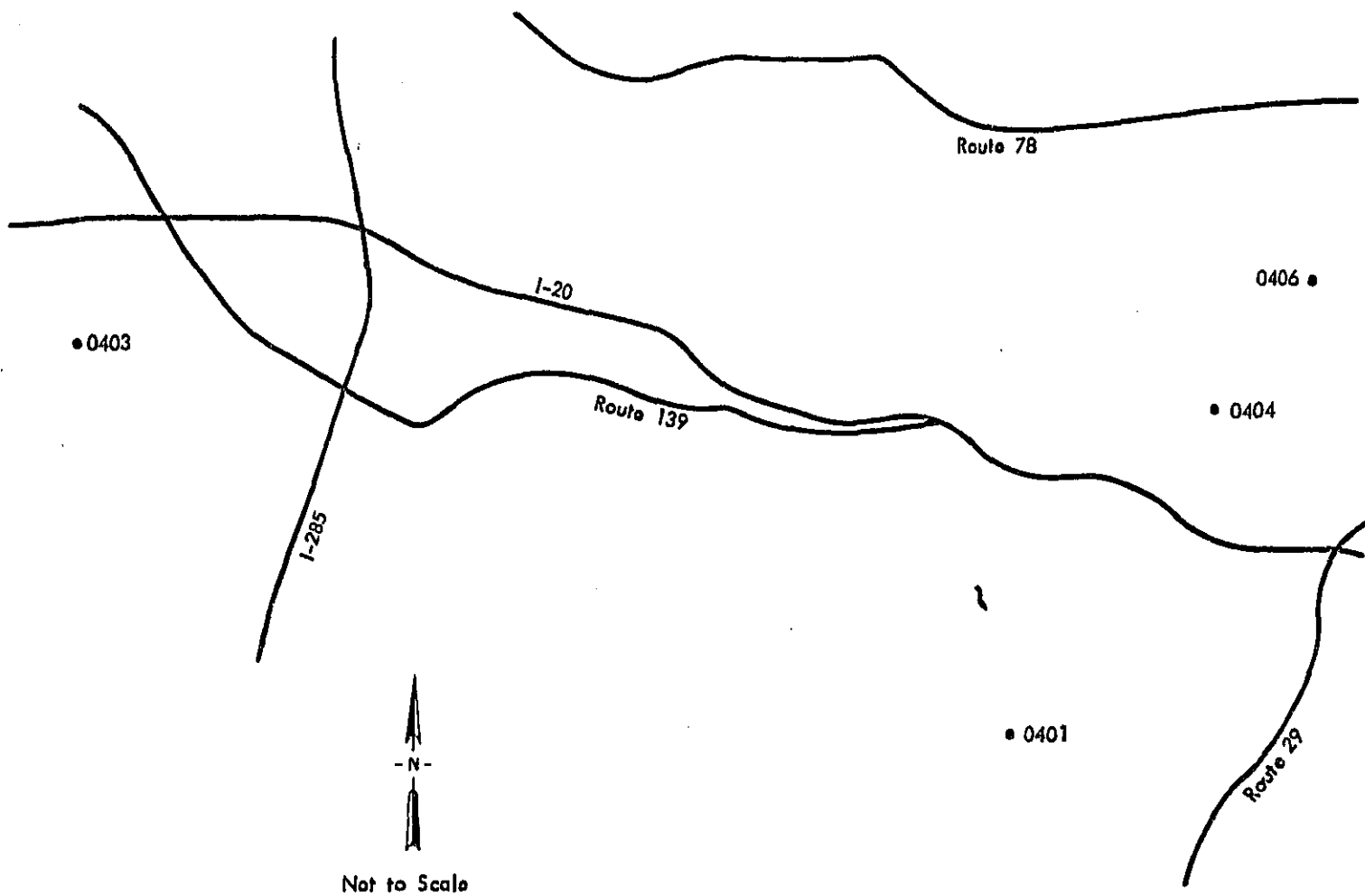


FIGURE B-1. LOCATION OF MEASUREMENT SITES IN ATLANTA

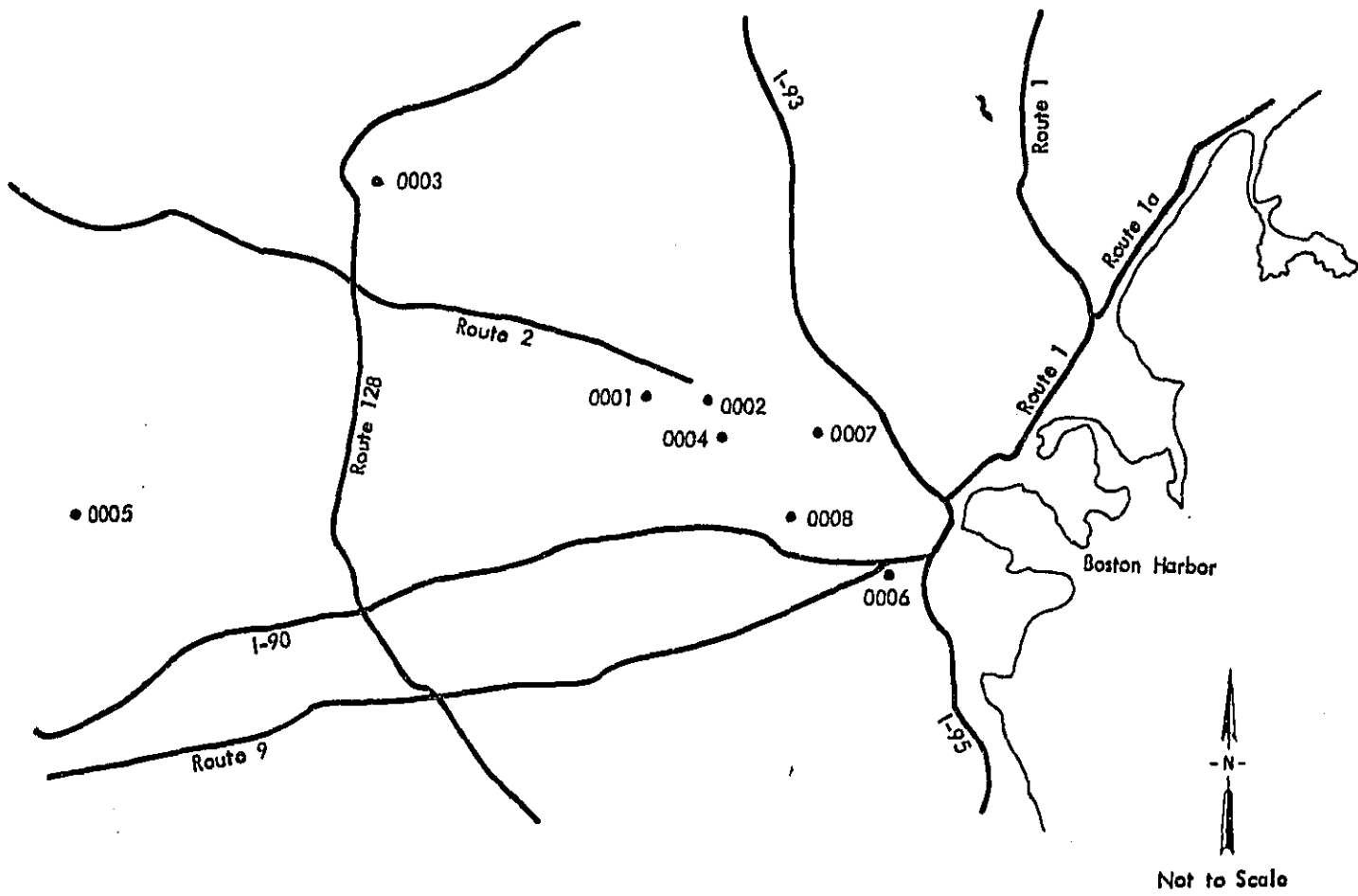


FIGURE B-2. LOCATION OF MEASUREMENT SITES IN BOSTON

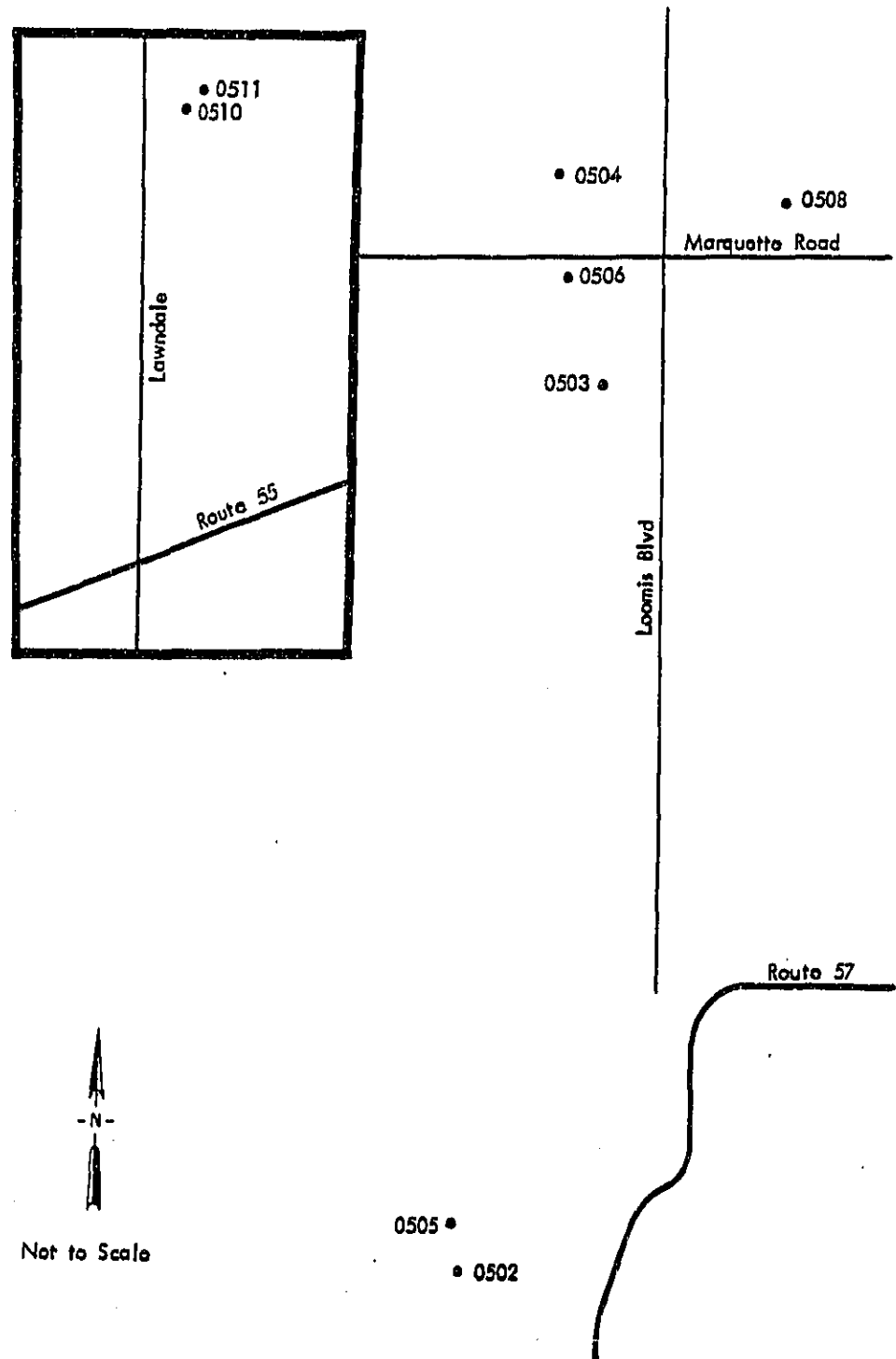


FIGURE B-3. LOCATION OF MEASUREMENT SITES IN CHICAGO

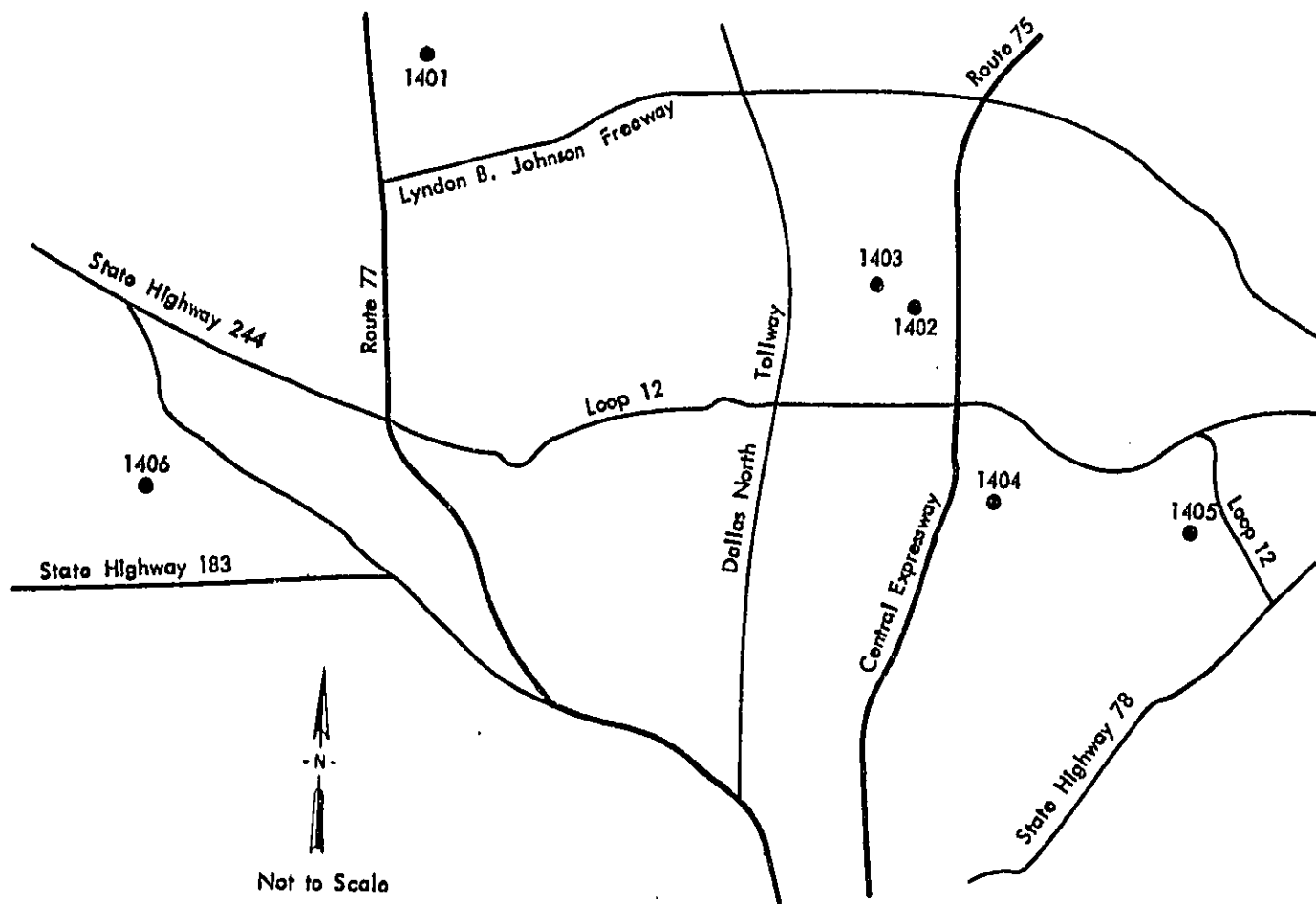


FIGURE B-4. LOCATION OF MEASUREMENT SITES IN DALLAS

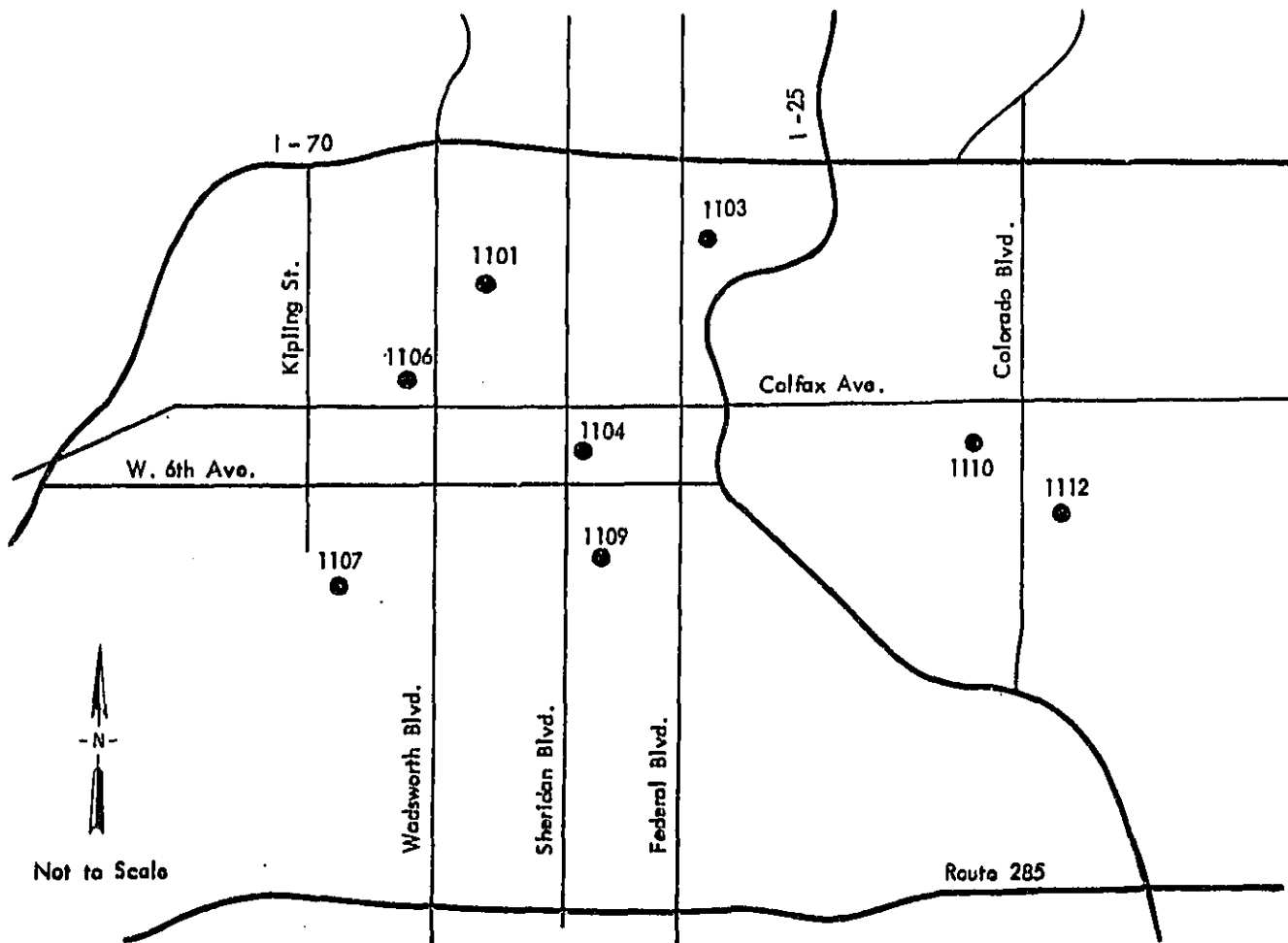
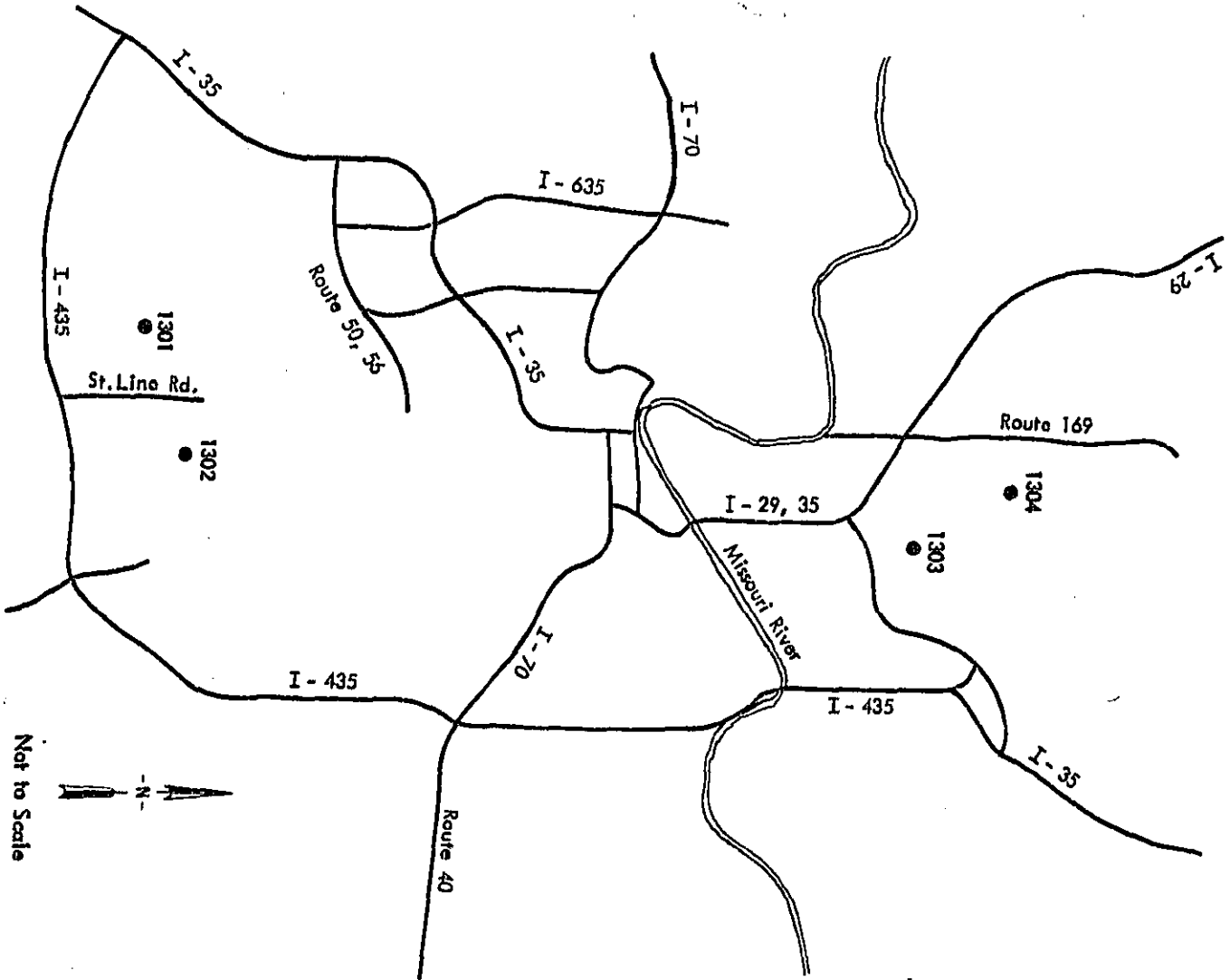


FIGURE B-5. LOCATION OF MEASUREMENT SITES IN DENVER

FIGURE B-6. LOCATION OF MEASUREMENT SITES IN KANSAS CITY



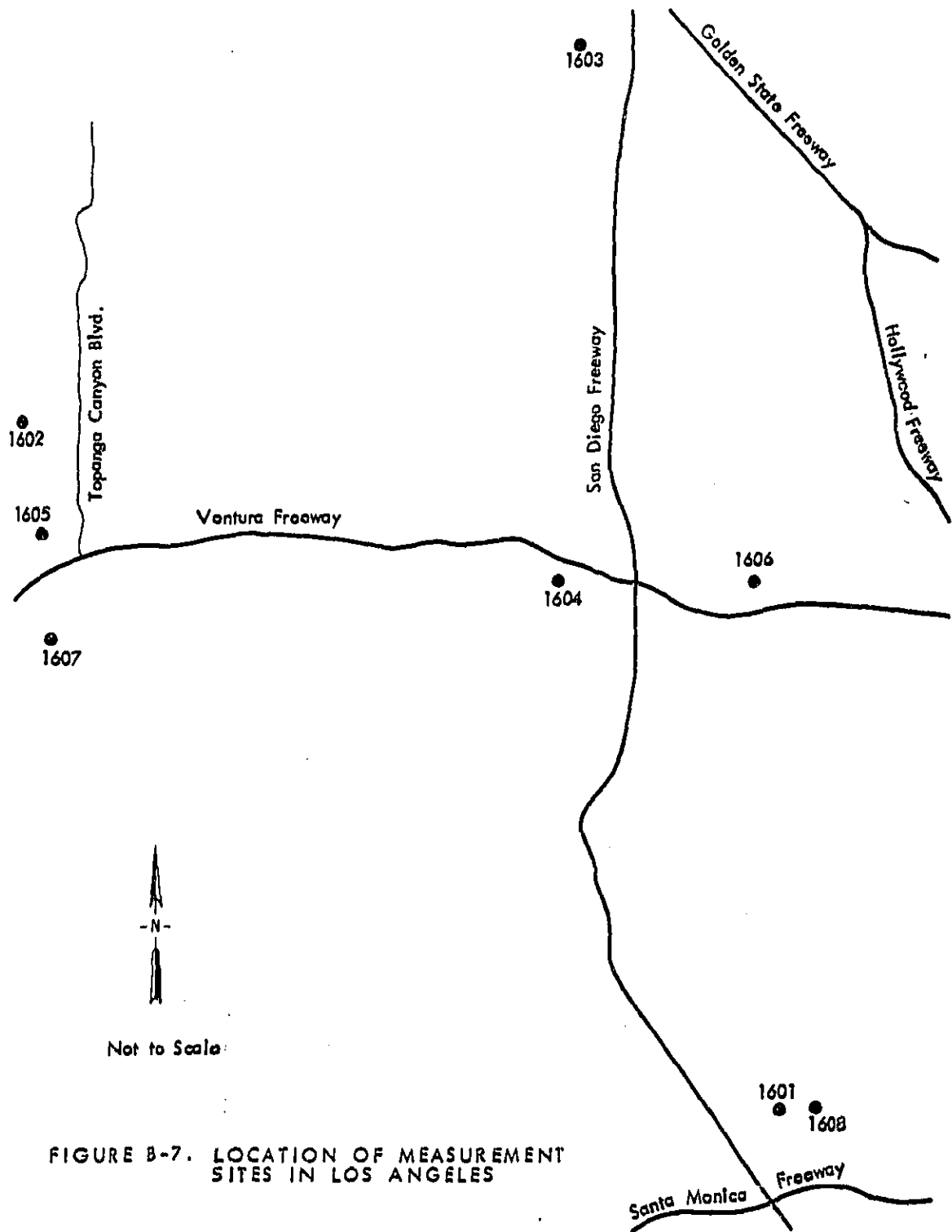


FIGURE B-7. LOCATION OF MEASUREMENT SITES IN LOS ANGELES

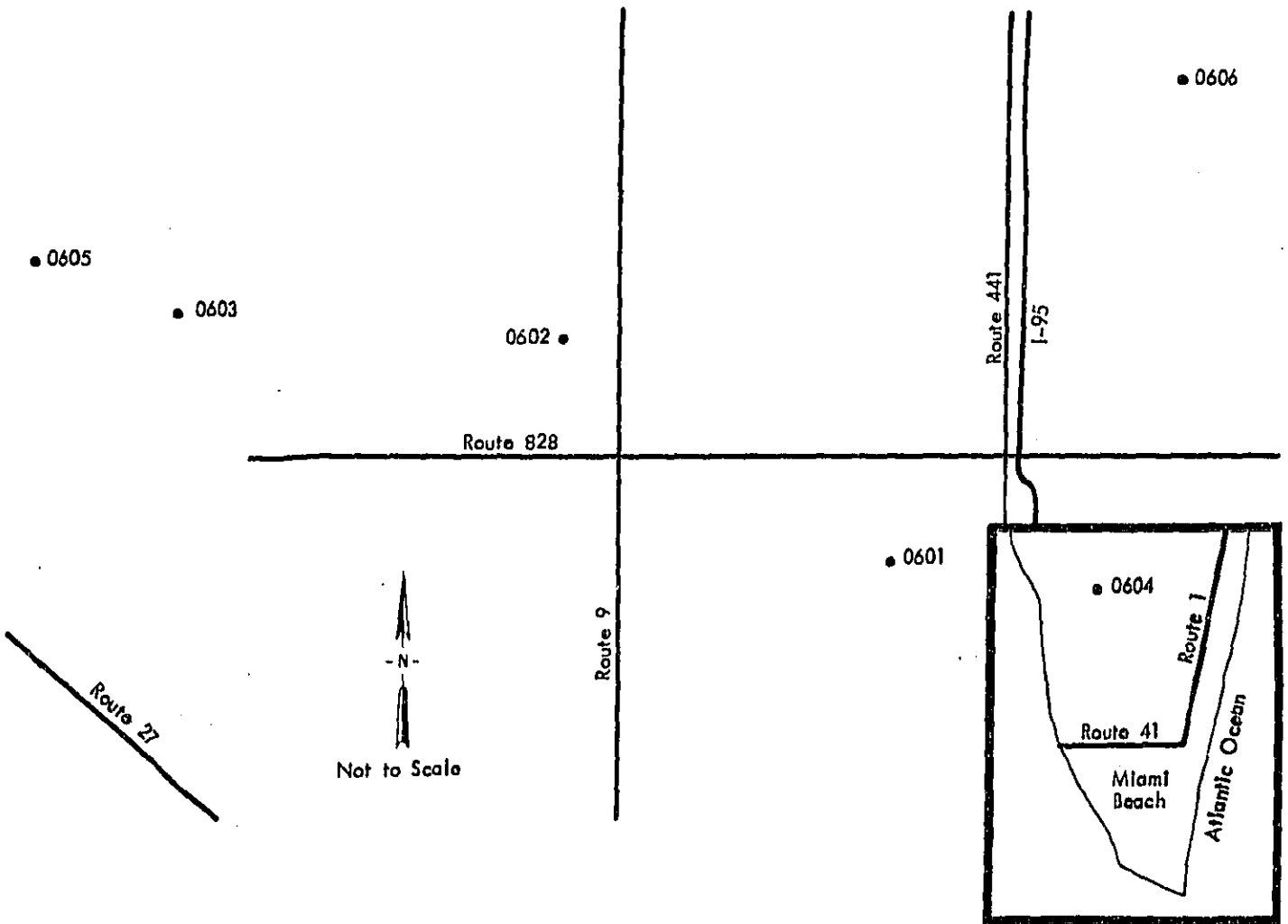


FIGURE B-8. LOCATION OF MEASUREMENT SITES IN MIAMI

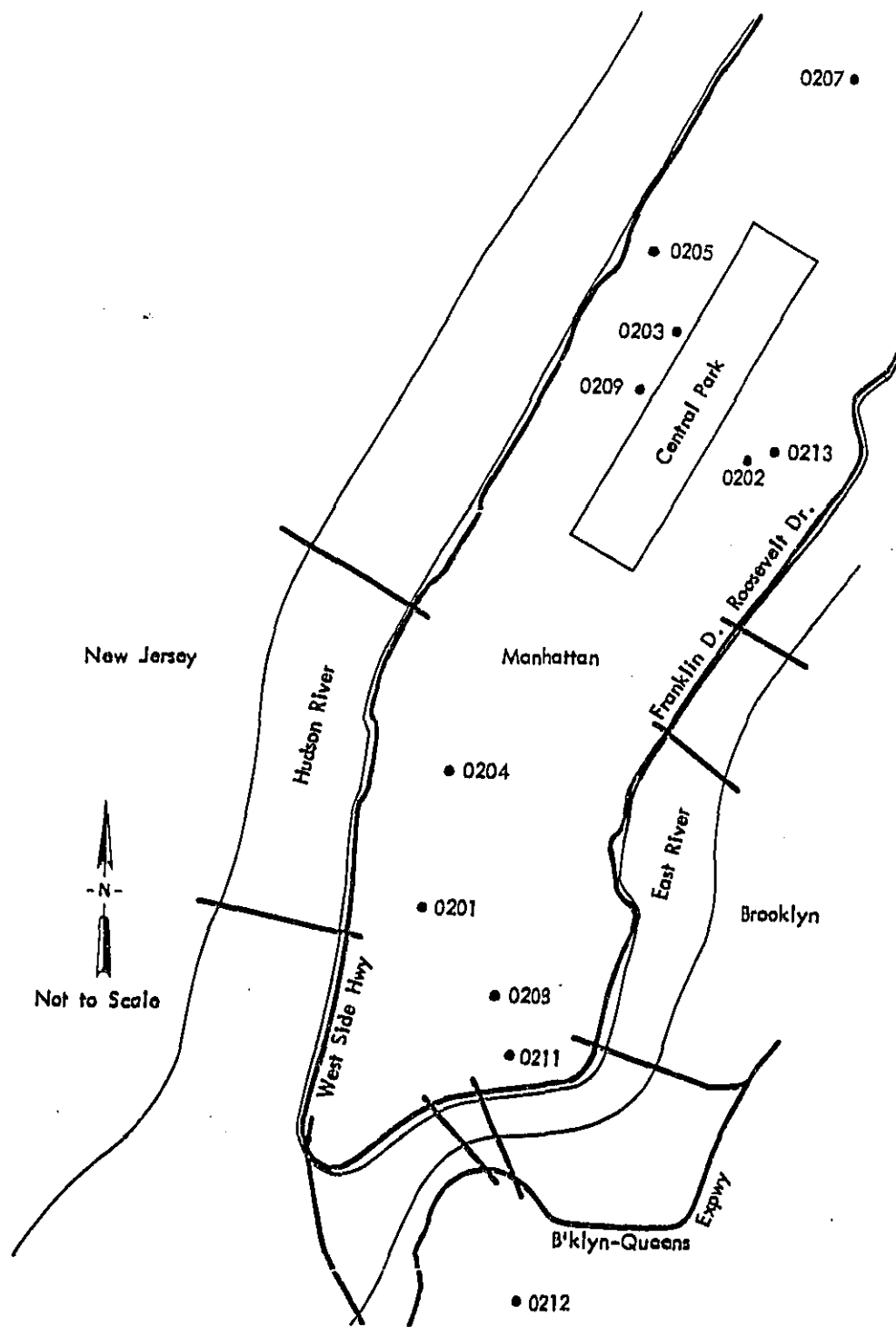


FIGURE B-9. LOCATION OF MEASUREMENT SITES IN NEW YORK

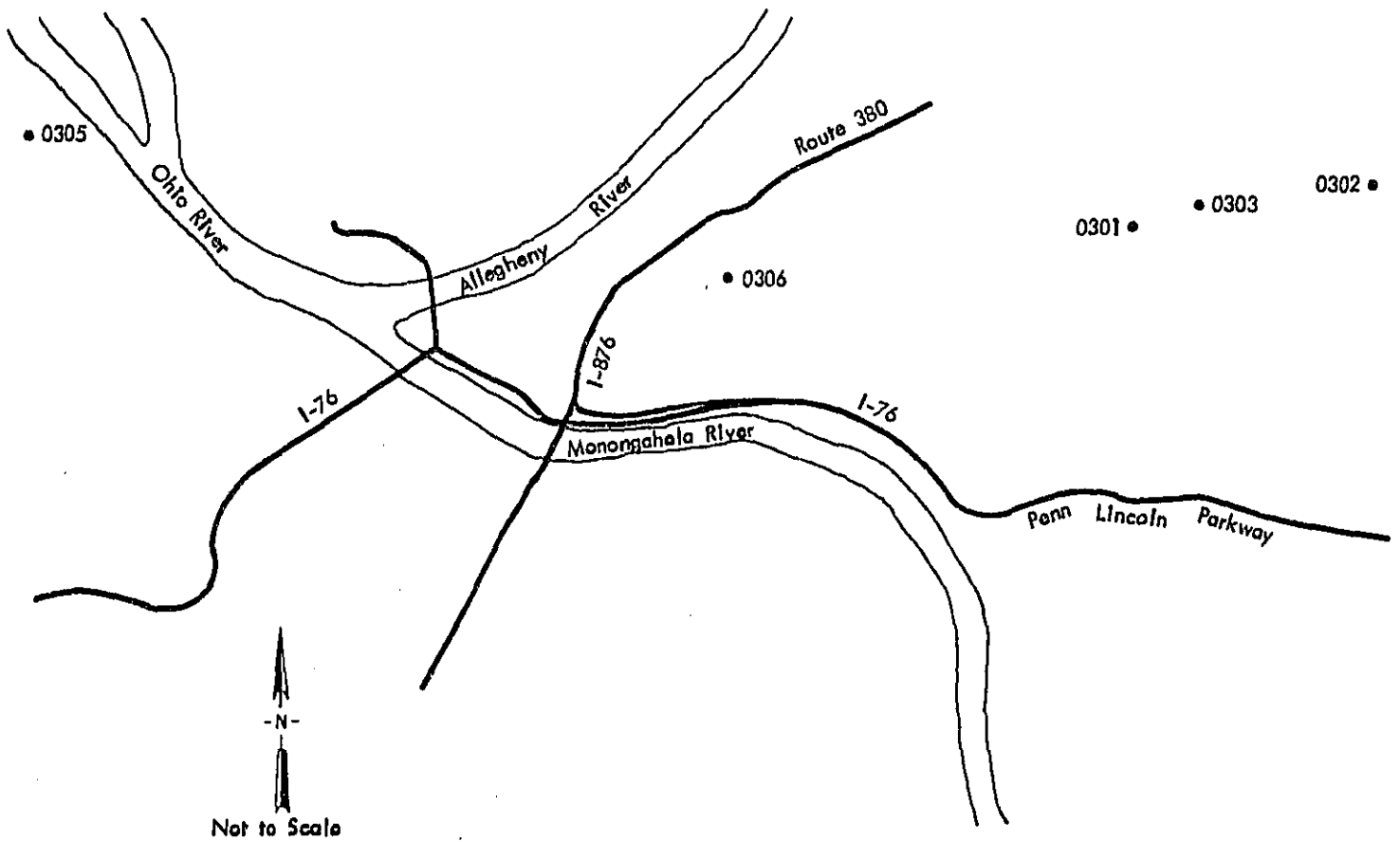


FIGURE B-10. LOCATION OF MEASUREMENT SITES IN PITTSBURGH

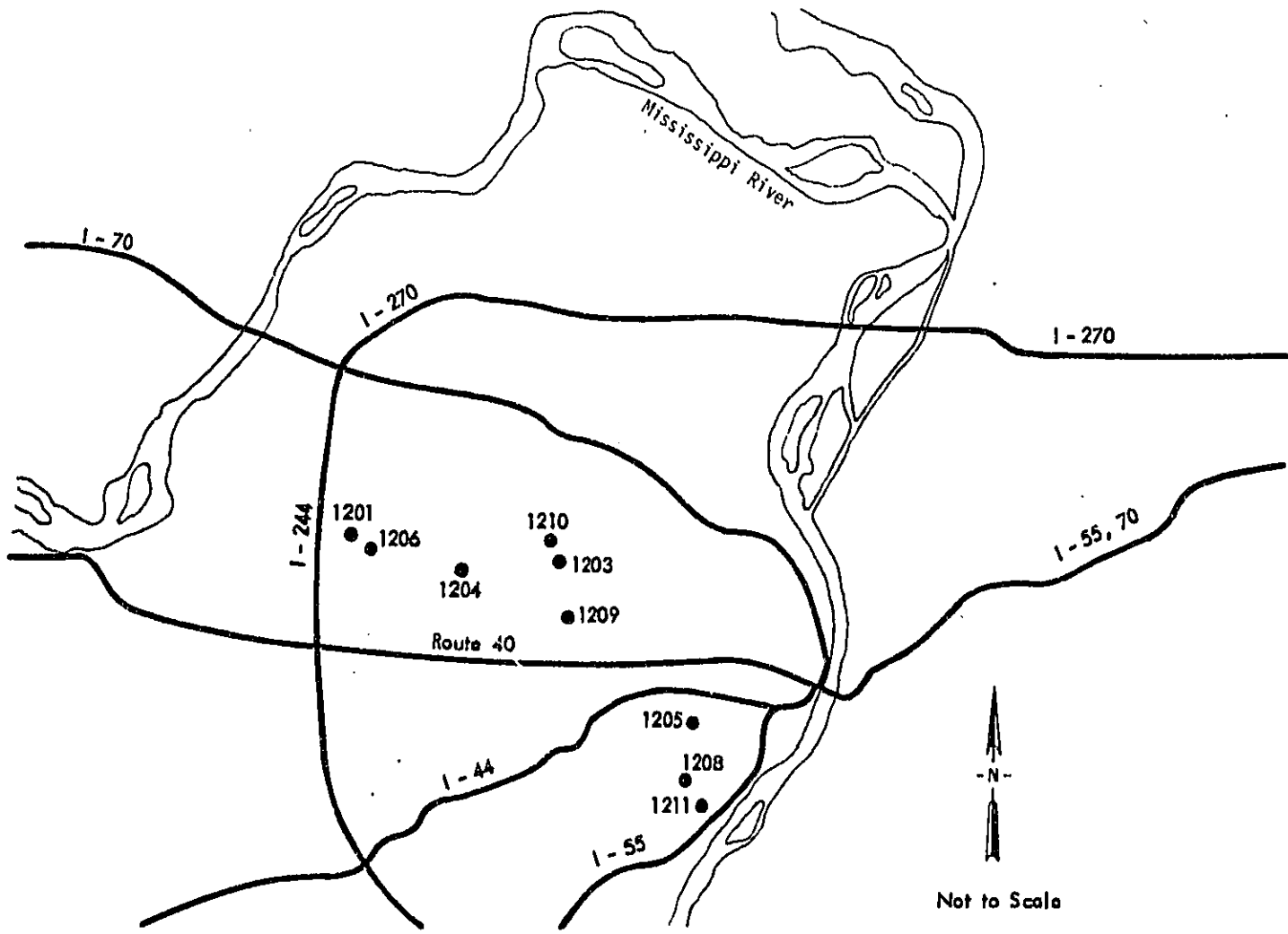


FIGURE B-11. LOCATION OF MEASUREMENT SITES IN ST. LOUIS

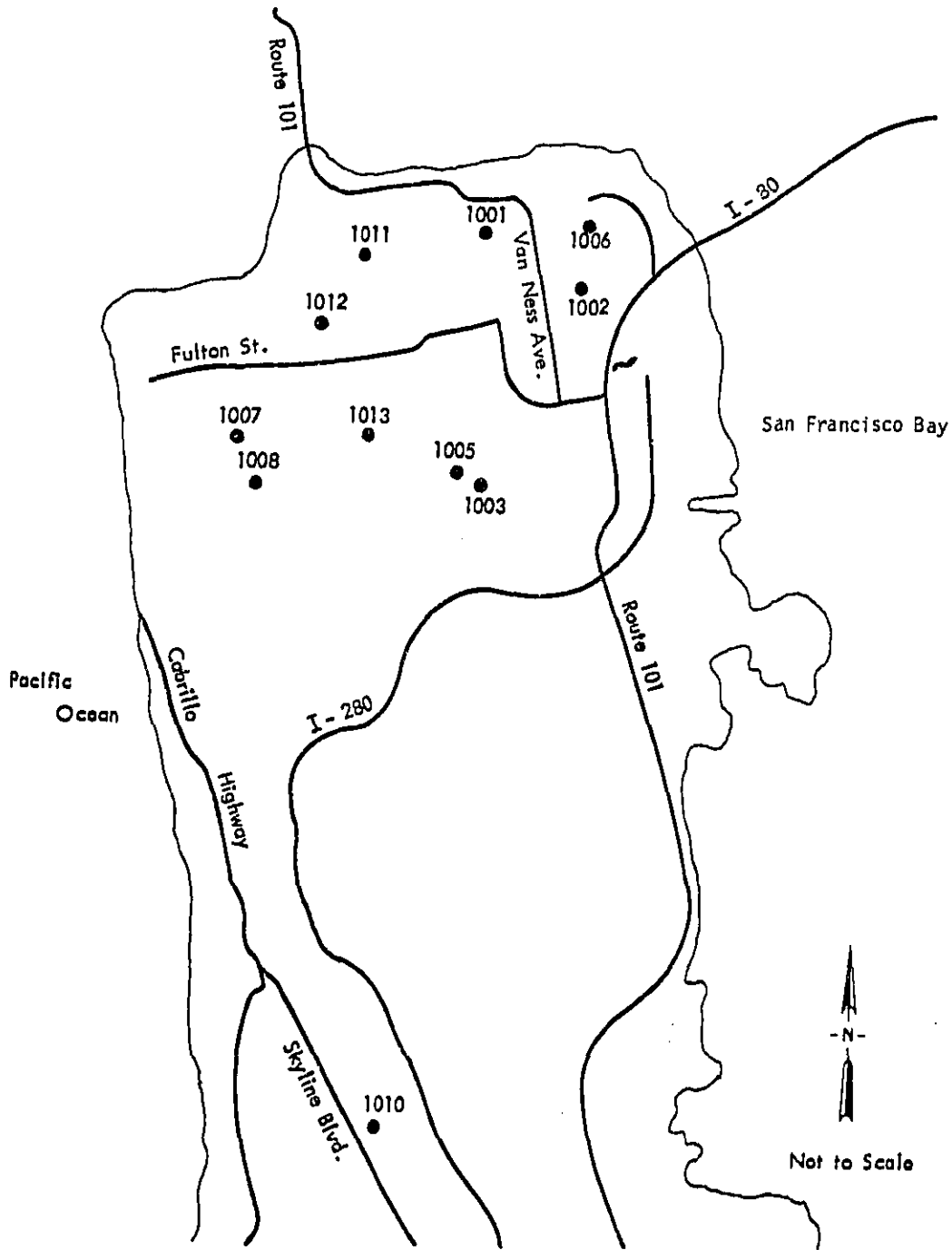


FIGURE B-12. LOCATION OF MEASUREMENT SITES IN SAN FRANCISCO

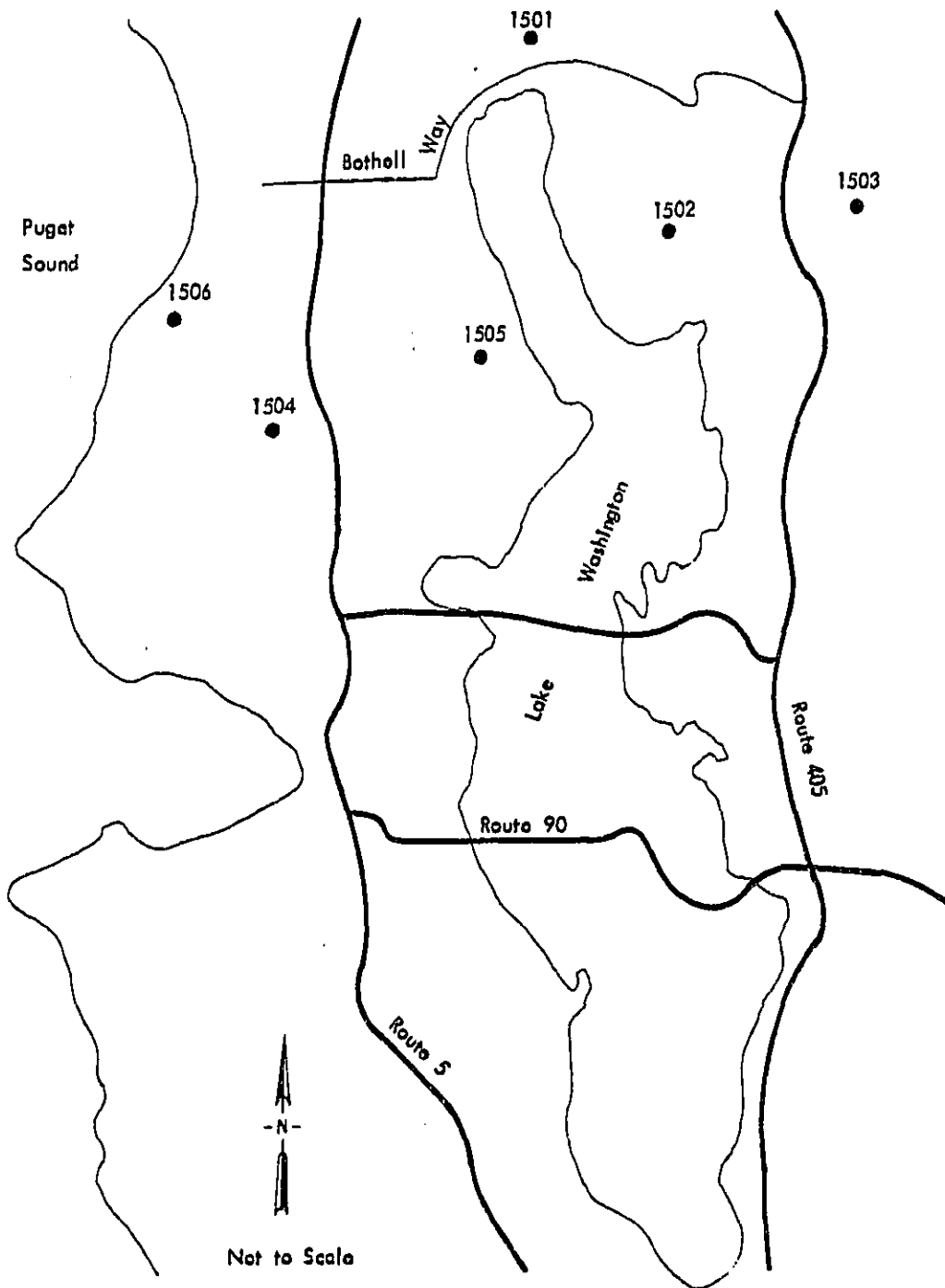


FIGURE B-13. LOCATION OF MEASUREMENT SITES IN SEATTLE

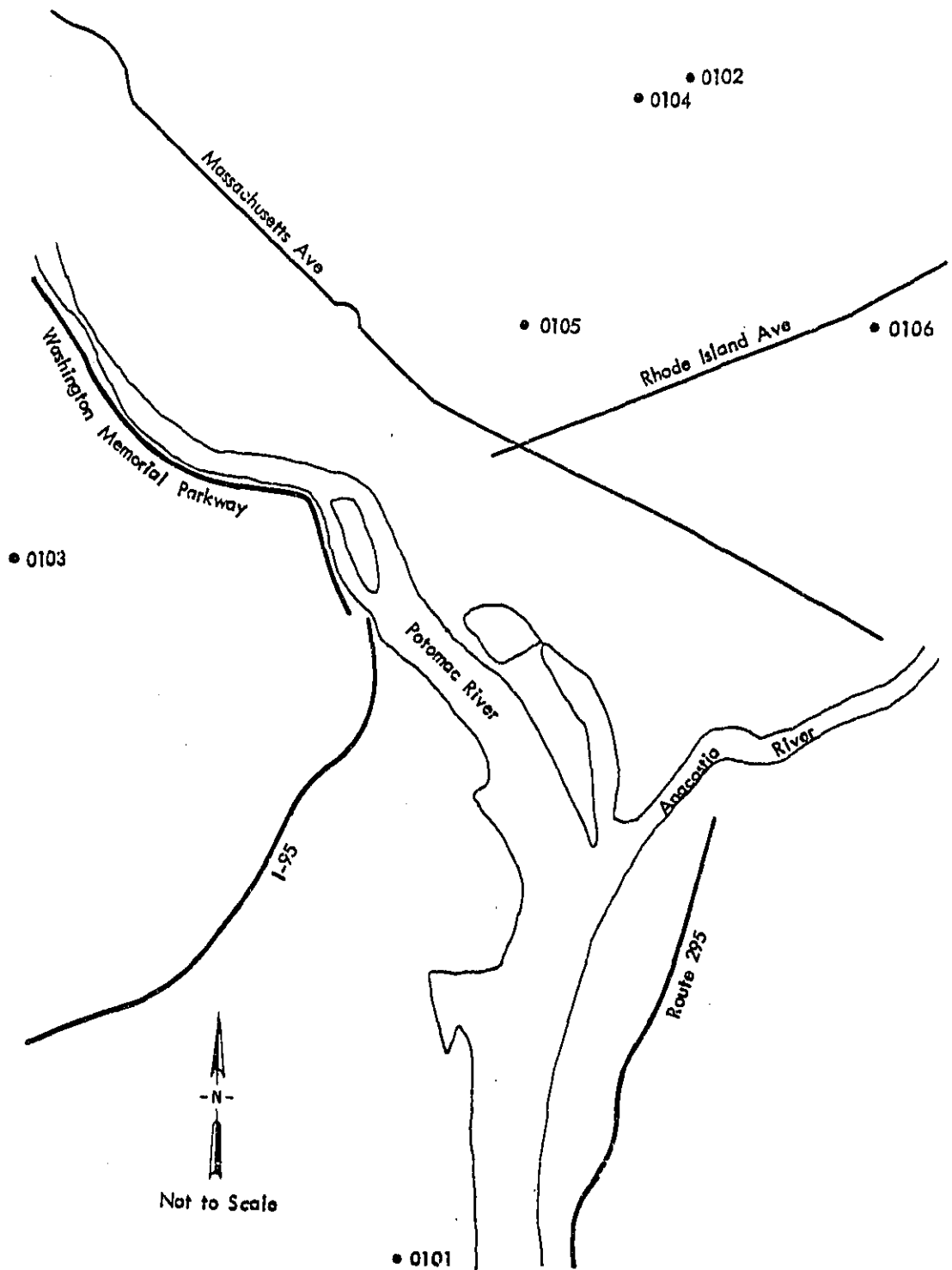
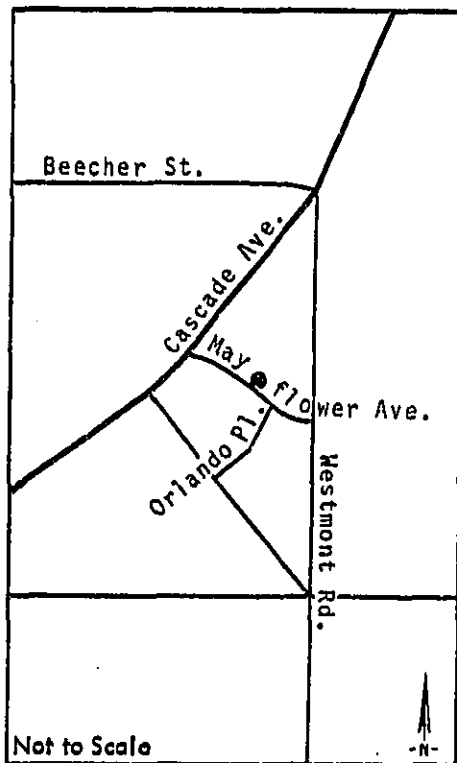


FIGURE B-14. LOCATION OF MEASUREMENT SITES IN WASHINGTON



L_{DN} :	63.8 dB
ρ :	6,400 $\frac{\text{people}}{\text{sq. mi.}}$

SITE: 0401
 Address: 1571 Mayflower SW
 Atlanta, GA
 Microphone Height: 3.0 m.
 Distance to Curb: 15.2 m:

ROADWAY TYPE

At Site: Local
 Vicinity: Collector

TRAFFIC

At Site: Cars
 Vicinity: Cars

OTHER NOISE SOURCES:

FIGURE 3-15(a). DESCRIPTION OF ATLANTA SITE 0401

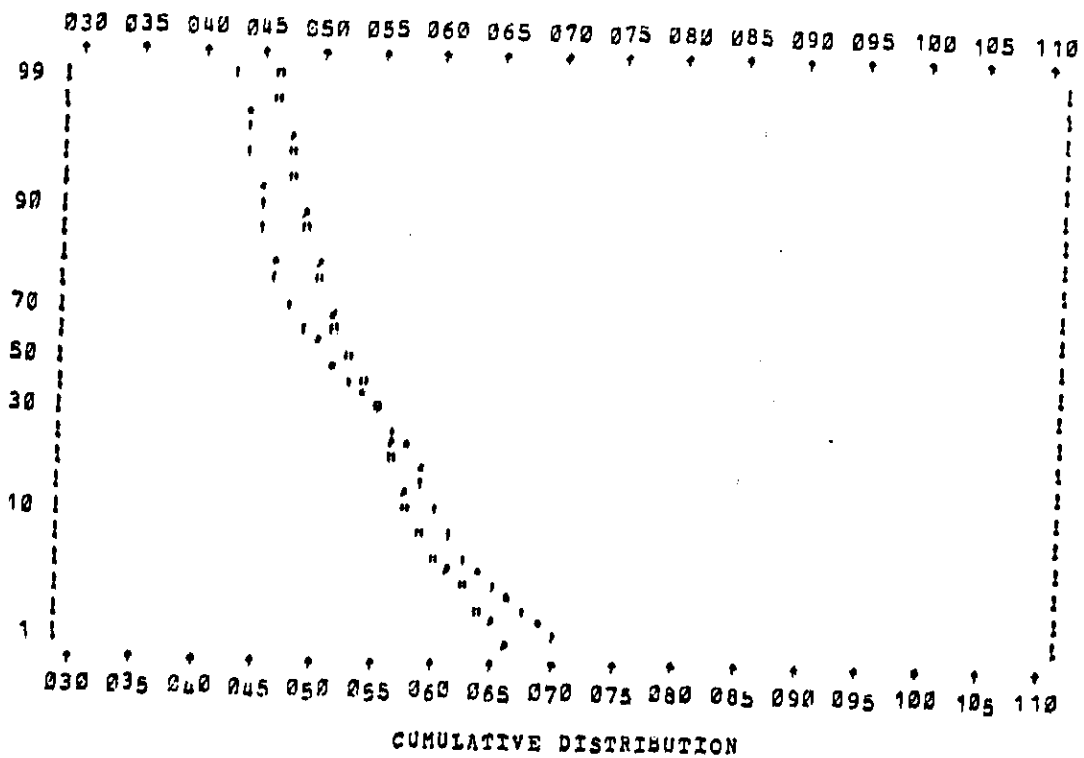
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SITE # 401											
HR	MAX	MIN	NPL	SIG	LEQ	TNI	L1	L3	L5	L10	L20
1	78.8	50.0	67.0	3.3	58.4	52.8	69.3	65.4	63.2	60.5	57.2
2	71.3	48.8	64.9	3.4	56.3	51.3	66.0	63.8	62.2	58.9	55.8
3	73.8	47.5	58.7	2.0	53.5	33.0	62.0	56.0	54.4	53.6	53.1
4	73.8	47.5	61.8	3.0	54.3	34.1	66.6	61.2	56.6	53.1	52.2
5	81.3	45.0	60.9	2.9	53.4	37.6	65.5	58.3	56.3	53.1	51.2
6	70.0	45.0	61.1	3.5	52.2	50.3	61.4	59.1	57.7	55.2	52.2
7	76.3	43.6	74.8	6.3	58.6	81.8	69.5	67.0	65.6	63.0	58.3
8	73.8	42.5	66.1	4.8	53.8	60.8	65.4	62.4	60.6	56.6	51.5
9	95.0	41.3	67.6	3.4	58.9	38.8	60.0	55.0	53.2	50.5	48.2
10	81.3	42.5	70.5	5.5	56.6	64.5	69.2	63.2	60.4	57.1	53.8
11	85.0	41.3	78.3	6.7	61.1	75.9	75.3	68.8	64.4	60.0	55.1
12	85.0	40.0	68.8	4.9	56.3	59.2	64.8	60.8	58.8	55.5	52.1
13	85.0	38.8	70.9	5.4	57.1	67.4	66.6	62.2	60.4	57.8	54.2
14	80.0	38.8	73.3	6.3	57.2	79.5	68.4	66.0	63.8	60.1	56.1
15	85.0	38.8	74.0	6.3	57.9	77.6	69.4	65.2	63.1	60.1	56.7
16	81.3	40.0	73.5	6.0	58.1	76.1	69.9	66.1	63.9	60.6	57.0
17	92.5	41.3	85.3	7.4	66.3	87.0	80.1	72.2	68.6	64.3	60.3
18	95.0	42.5	84.0	7.1	65.9	85.5	76.5	71.2	68.2	64.2	60.1
19	80.0	45.0	70.9	4.8	58.7	66.1	69.8	66.2	64.1	61.2	57.8
20	85.0	48.8	69.4	3.9	59.5	57.8	67.7	63.8	62.6	60.5	57.5
21	96.3	43.8	75.5	4.3	64.6	58.2	72.0	66.1	63.7	61.6	60.1
22	72.5	53.8	63.2	1.6	59.1	42.2	64.4	62.0	61.2	60.7	59.8
23	75.0	52.5	61.2	1.5	57.5	38.4	61.8	59.7	59.3	58.6	58.2
24	80.0	51.3	60.9	1.5	57.0	38.8	61.8	59.6	58.8	58.3	57.4

HR	L30	L40	L50	L60	L70	L80	L90	L95	L97	L99
1	56.1	55.6	55.2	54.7	54.3	53.8	53.1	52.7	52.5	51.7
2	54.3	53.6	53.1	52.7	52.3	51.8	51.4	50.9	50.5	50.2
3	52.6	52.3	52.0	51.7	51.4	51.0	50.4	50.2	50.1	49.4
4	51.8	51.4	51.0	50.7	50.4	50.1	49.4	49.0	48.9	48.4
5	50.8	50.4	50.0	49.6	49.3	48.9	48.3	47.9	47.7	47.4
6	50.4	49.3	48.6	48.2	47.9	47.5	46.9	46.6	46.4	46.3
7	54.4	51.5	49.6	48.6	48.0	47.4	46.8	46.5	46.3	45.8
8	49.3	48.1	47.3	46.7	46.2	45.7	45.2	45.0	44.5	44.0
9	47.1	46.4	46.0	45.7	45.3	45.0	44.3	44.0	43.9	43.8
10	51.5	49.5	48.1	47.1	46.2	45.5	44.6	44.1	43.9	43.7
11	52.1	50.1	48.7	47.5	46.5	45.6	44.7	44.2	43.9	43.4
12	50.1	48.8	47.8	46.9	46.1	45.3	44.3	43.8	43.2	42.5
13	51.6	49.8	48.5	47.4	46.5	45.6	44.6	43.9	43.5	42.7
14	53.6	51.8	50.4	49.1	47.6	45.8	43.7	42.5	41.8	40.9
15	54.3	52.2	50.4	48.8	47.3	45.9	44.3	43.3	42.8	41.8
16	54.4	52.5	50.9	49.5	48.2	46.9	45.5	44.5	43.9	42.8
17	57.6	55.3	53.3	51.6	50.1	48.8	46.8	45.5	44.9	43.8
18	57.2	54.9	52.9	51.1	49.6	48.3	47.2	46.5	46.3	45.3
19	55.9	54.5	53.4	52.5	51.7	50.8	49.6	48.6	47.9	47.0
20	55.0	54.8	54.0	53.4	52.8	52.1	51.5	50.9	50.5	50.1
21	59.3	58.6	57.8	57.0	55.9	54.7	52.7	51.0	50.1	48.6
22	59.4	59.0	58.7	58.3	57.9	57.6	56.8	56.4	56.3	55.4
23	57.7	57.3	57.0	56.7	56.4	56.0	55.4	55.1	54.9	54.1
24	57.1	56.8	56.4	56.1	55.7	55.3	54.8	54.2	54.0	53.8

FIGURE B-15(b). HOURLY NOISE DATA FOR ATLANTA SITE 0401

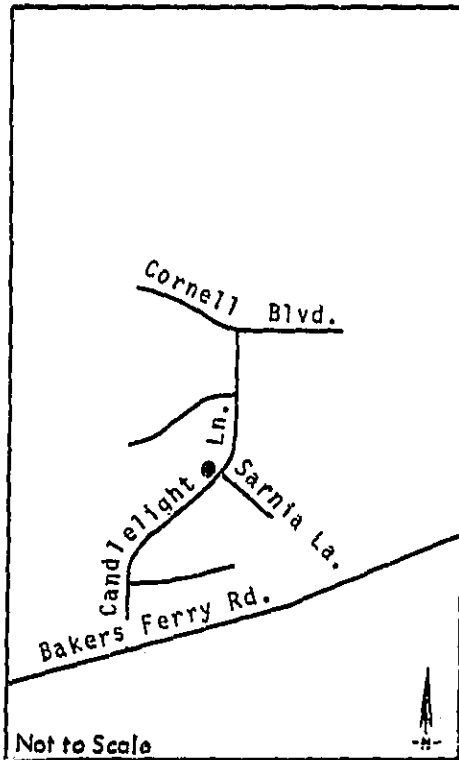
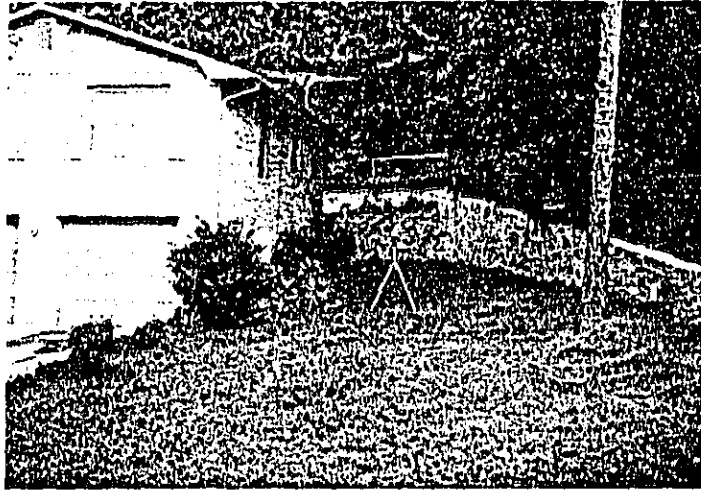
SITE # 401



	DAY " . "	NIGHT " , "	WEIGHTING	WEIGHTED LEQ
MAX	96.3	81.3	0.	59.8
MIN	38.8	43.8	0.	62.5
NPL	77.5	66.9	10.	63.8
SIG	6.4	4.2	12.	65.2
LEQ	61.1	56.2		
THI	76.1	57.9		
L1	71.1	66.6		
L3	65.6	62.8		
L5	63.2	60.4		
L10	60.4	58.2		
L20	58.1	56.8		
L30	55.7	55.6		
L40	53.1	54.2		
L50	51.0	52.8		
L60	49.2	51.8		
L70	47.6	50.9		
L80	46.3	49.8		
L90	45.2	48.3		
L95	44.3	47.5		
L97	43.9	47.0		
L99	42.8	46.5		

FIGURE B-15(c). DAY/NIGHT NOISE DATA FOR ATLANTA SITE 0401

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L_{DN} : 61.9 dB
 ρ : 1,700 $\frac{\text{people}}{\text{sq. mi.}}$

SITE: 0403
Address: 59 Candlelight Ln.
Atlanta, GA
Microphone Height: 1.5 m.
Distance to Curb: 13.7 m.

ROADWAY TYPE
At Site: Local
Vicinity: Collector

TRAFFIC
At Site: Cars
Vicinity: Cars, Buses

OTHER NOISE SOURCES:

FIGURE B-16(a). DESCRIPTION OF ATLANTA SITE 0403

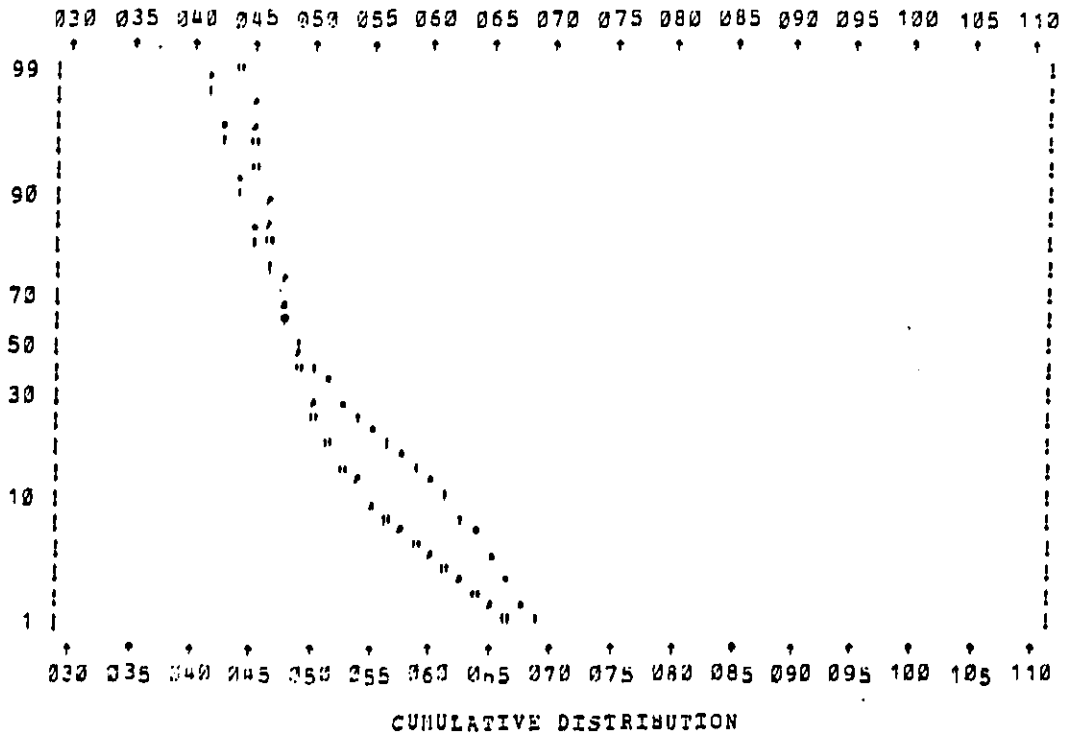
SITE # 403

HR	MAX	MIN	NPL	SIG	LEO	TNI	L1	L3	L5	L10	L20
1	73.8	43.8	68.7	5.1	55.7	64.1	67.5	64.7	62.8	58.2	52.7
2	70.0	42.5	65.7	4.5	54.1	57.4	66.4	62.4	60.1	56.3	52.3
3	65.0	42.5	53.7	2.0	48.5	36.3	53.5	52.2	51.5	50.7	49.6
4	75.0	41.3	60.4	3.2	52.3	38.2	63.4	53.8	52.2	51.0	49.7
5	70.0	41.3	59.3	3.4	50.8	41.0	62.5	57.9	54.5	51.6	49.8
6	75.0	41.3	62.7	4.0	52.3	49.5	64.0	59.3	57.0	53.5	50.4
7	85.0	43.8	74.8	5.9	59.7	71.0	71.1	67.6	65.3	60.3	56.2
8											
9											
10											
11	78.8	41.3	69.7	5.2	56.3	66.4	67.8	64.0	61.4	58.5	54.8
12	80.0	40.0	70.9	5.8	56.1	67.6	68.9	63.6	60.8	56.9	52.8
13	82.5	35.0	79.2	7.9	58.9	92.9	70.9	67.1	65.0	61.8	57.5
14	80.0	38.8	68.6	5.3	55.1	57.2	68.0	61.6	58.2	53.8	49.3
15	83.8	38.8	68.8	5.1	55.6	57.1	68.4	62.1	59.1	54.7	51.0
16	77.5	41.3	68.5	4.9	55.9	62.5	67.4	62.9	60.7	57.4	53.5
17	85.0	42.5	73.4	5.5	59.4	67.8	72.1	66.2	63.5	59.9	56.0
18	80.0	40.0	72.0	5.8	57.2	68.2	69.8	63.7	61.3	57.4	53.6
19	81.3	38.8	82.6	7.9	62.5	100.5	70.4	68.4	67.5	66.2	64.5
20	83.8	37.5	83.0	8.6	61.0	100.8	70.2	67.4	66.6	63.4	63.6
21	78.8	37.5	72.2	5.7	57.5	72.2	69.3	64.8	62.9	59.7	55.6
22	77.5	45.0	64.9	3.8	55.2	45.7	67.8	60.7	58.3	54.7	52.3
23	67.5	43.8	60.6	3.3	52.3	47.9	61.5	59.0	57.1	54.9	52.8
24	76.3	43.8	67.8	4.6	56.1	56.8	69.0	64.0	61.2	56.9	52.9

HR	L30	L40	L50	L60	L70	L80	L90	L95	L97	L99
1	50.7	49.7	48.9	48.2	47.4	46.9	46.3	45.6	45.3	45.1
2	50.2	49.2	48.4	47.7	47.1	46.6	45.9	45.4	45.2	44.9
3	49.0	48.3	47.7	47.2	46.7	46.2	45.4	45.1	44.7	44.1
4	48.7	48.2	47.7	47.2	46.7	46.1	45.3	44.7	44.3	43.8
5	49.0	48.3	47.7	47.1	46.6	45.9	45.1	44.3	44.0	43.2
6	48.9	48.1	47.4	46.8	46.3	45.6	44.8	44.2	43.9	43.1
7	53.3	51.5	50.3	49.4	48.6	47.7	46.7	46.1	45.6	45.1
8										
9										
10										
11	52.4	50.6	49.4	48.4	47.7	46.8	45.9	45.3	45.0	44.2
12	50.0	48.3	47.1	46.2	45.3	44.4	43.4	42.7	42.3	41.5
13	54.1	51.3	48.8	46.6	44.6	43.0	41.4	40.1	39.2	37.8
14	47.3	46.2	45.5	44.8	44.2	43.5	42.7	42.0	41.6	41.0
15	49.2	47.9	47.0	46.2	45.5	44.7	43.9	43.1	42.6	41.7
16	51.4	50.0	49.1	48.3	47.5	46.7	45.7	45.1	44.5	43.8
17	53.7	52.1	50.9	50.0	49.2	48.3	47.2	46.4	45.9	45.1
18	51.4	49.9	48.6	47.4	46.2	45.1	43.9	42.9	42.5	41.6
19	62.8	61.4	60.3	57.9	55.7	48.8	44.7	42.6	41.9	40.9
20	60.7	55.2	51.4	48.8	47.0	45.4	43.7	42.3	41.3	39.6
21	53.2	51.4	50.1	49.1	48.1	47.0	45.5	44.1	43.3	42.1
22	51.2	50.6	49.9	49.5	49.0	48.4	47.7	47.2	46.8	46.4
23	51.3	50.4	49.6	49.0	48.5	47.9	47.2	46.7	46.5	46.3
24	51.4	50.6	49.9	49.2	48.6	47.8	46.9	46.4	46.1	45.3

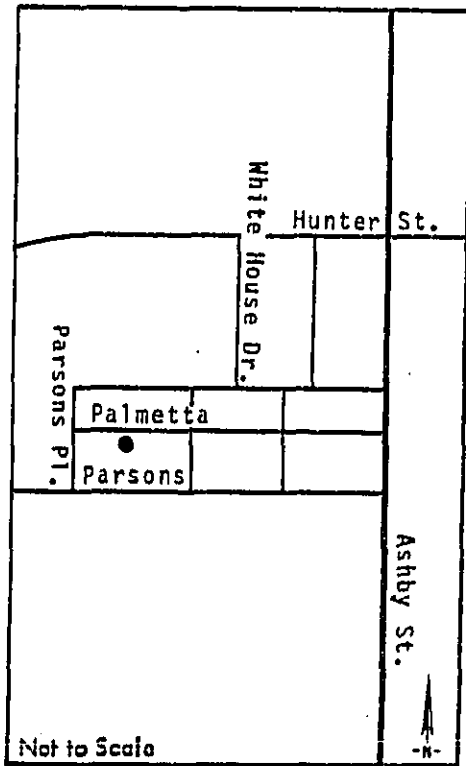
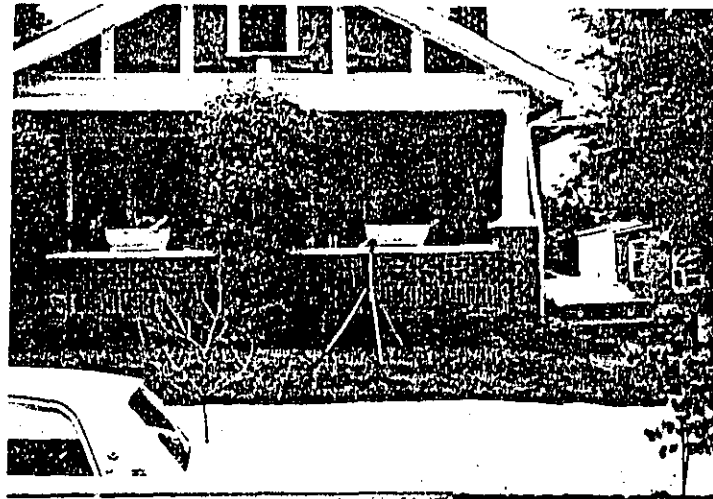
FIGURE B-13(b). HOURLY NOISE DATA FOR ATLANTA SITE 0403

SITE # 433



	DAY "·"	NIGHT "·"	WEIGHTING	WEIGHTED LEQ
MAX	85.0	85.0	0.	57.3
MIN	35.0	41.3	8.	60.5
NPL	75.3	66.1	10.	61.9
SIG	5.7	4.4	12.	63.5
LEQ	58.3	54.8		
TNI	83.8	52.5		
L1	69.6	66.9		
L3	65.2	62.0		
L5	64.7	59.2		
L10	61.5	54.9		
L20	55.2	51.5		
L30	52.8	50.		
L40	50.7	49.2		
L50	49.3	48.5		
L60	48.1	47.8		
L70	46.9	47.2		
L80	45.6	46.6		
L90	44.0	45.7		
L95	42.8	45.1		
L97	42.1	44.7		
L99	40.8	43.9		

FIGURE B-16(c). DAY/NIGHT NOISE DATA FOR ATLANTA SITE 0403



L_{DN} : 60.7 dB
 ρ : 11,200 $\frac{\text{people}}{\text{sq. mi.}}$

SITE: 0404
 Address: 1016 Palmetto
 Atlanta, GA
 Microphone Height: 2.7 m.
 Distance to Curb: 3.6 m.

ROADWAY TYPE
 At Site: Local
 Vicinity: Collector

TRAFFIC
 At Site: Cars
 Vicinity: Cars

OTHER NOISE SOURCES:

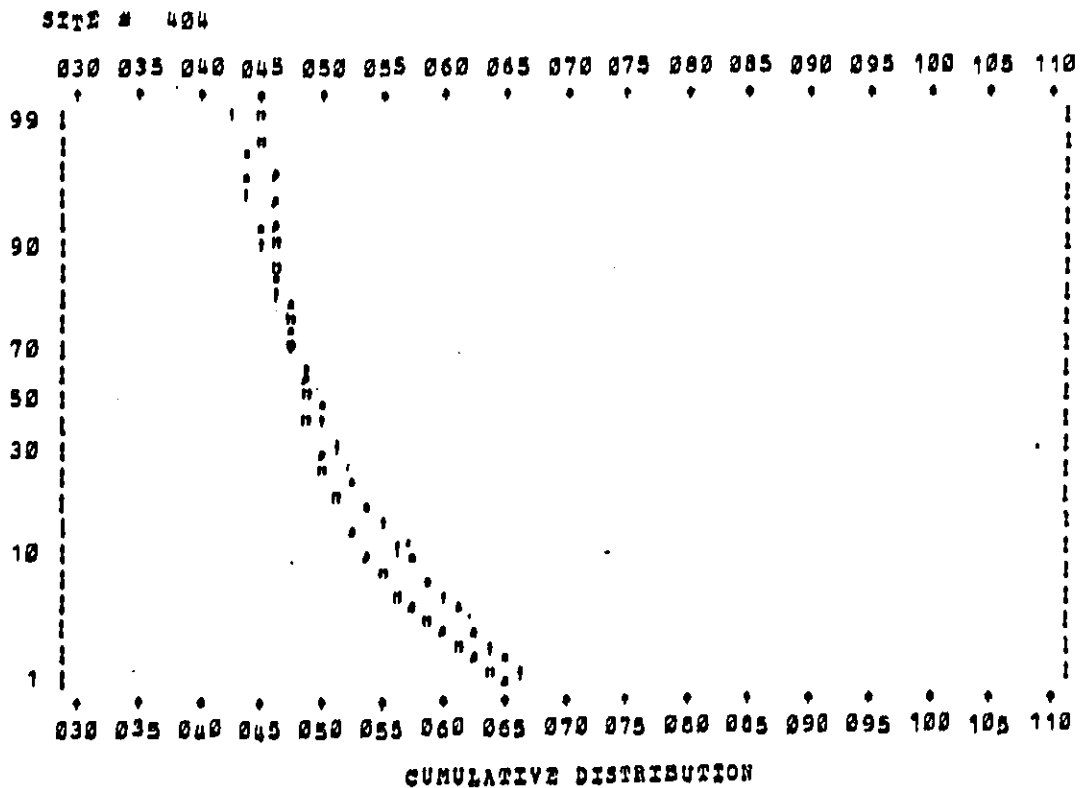
FIGURE B-17(a). DESCRIPTION OF ATLANTA SITE 0404

BLACK COPY

SITE # 404											
HR	MAX	MIN	NPL	SIG	LEQ	TNI	L1	L3	L5	L10	L20
1	80.0	45.0	64.1	3.9	54.2	51.3	64.6	60.9	58.6	55.7	52.4
2	86.3	43.8	62.2	3.2	53.9	38.1	63.7	58.2	56.0	52.1	50.2
3	70.0	42.5	59.1	3.0	51.4	38.0	64.4	55.3	53.3	51.5	50.0
4	63.8	42.5	55.4	2.4	49.3	36.1	57.7	54.3	52.8	50.8	49.6
5	63.8	42.5	58.1	3.1	50.3	45.1	59.3	56.5	55.0	53.0	50.7
6	72.5	43.8	61.4	3.7	52.0	41.2	64.0	60.7	57.3	52.1	49.4
7	83.8	45.0	71.7	5.2	58.3	65.5	70.2	68.3	65.7	60.1	54.1
8	88.8	46.3	66.0	3.9	56.1	49.9	67.6	62.9	60.0	56.6	53.7
9	77.5	46.3	62.0	3.1	54.2	44.5	63.4	59.0	57.4	55.2	53.4
10	76.3	42.5	64.6	4.0	54.3	55.6	63.0	61.4	59.5	56.5	53.6
11	83.8	40.0	71.6	5.7	56.9	72.8	68.2	64.2	62.5	59.7	56.0
12	97.5	40.0	78.6	6.2	62.6	76.9	69.7	64.7	62.8	60.0	56.1
13	80.0	40.0	72.6	6.3	56.5	77.6	67.0	63.6	62.1	59.9	56.7
14	80.0	38.8	69.1	5.4	55.3	63.2	67.5	61.8	59.3	55.9	52.5
15	76.3	40.0	65.2	4.8	52.9	53.9	66.1	59.7	56.6	53.1	50.2
16	81.3	42.5	70.1	5.1	56.9	57.9	70.0	64.8	60.9	56.1	52.1
17	90.0	42.5	72.5	5.1	59.4	58.3	68.5	62.3	59.7	55.9	51.9
18	82.5	43.8	67.7	4.7	55.7	58.1	67.0	62.1	59.7	56.4	52.3
19	78.8	42.5	65.0	4.2	54.2	50.0	65.9	61.4	58.6	54.6	51.0
20	81.3	45.0	66.4	4.1	55.8	52.3	67.5	62.6	59.1	56.3	53.3
21	85.0	45.0	69.2	4.4	57.9	55.8	69.6	64.7	61.6	57.7	54.8
22	78.8	46.3	58.1	2.1	52.7	36.3	60.1	55.7	54.6	53.5	52.6
23	77.5	46.3	61.5	3.1	53.6	42.2	64.5	59.7	57.2	54.7	52.3
24	73.8	45.0	59.3	2.7	52.3	36.8	63.4	56.8	54.8	52.6	51.2

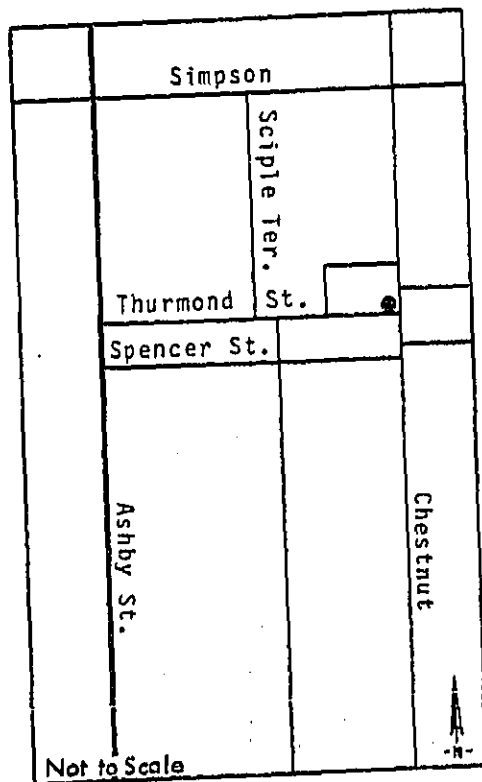
HR	130	140	150	160	170	180	190	195	197	199
1	50.8	49.8	49.3	48.7	48.2	47.8	47.2	46.7	46.5	46.3
2	49.6	49.1	48.6	48.2	47.8	47.4	46.7	46.4	46.2	45.4
3	49.3	48.7	48.2	47.7	47.2	46.7	46.0	45.5	45.3	45.0
4	48.9	48.4	47.9	47.4	46.9	46.4	45.7	45.3	45.1	44.5
5	49.4	48.6	48.0	47.4	46.9	46.4	45.6	45.2	45.0	44.2
6	48.5	48.1	47.6	47.2	46.8	46.4	45.8	45.3	45.2	44.9
7	52.0	50.9	50.2	49.7	49.3	48.9	48.3	47.9	47.7	47.5
8	52.4	51.6	50.9	50.4	49.8	49.3	48.8	48.1	47.9	47.6
9	52.3	51.6	51.0	50.5	50.0	49.4	48.8	48.2	47.9	47.6
10	52.1	51.0	50.2	49.5	48.9	48.0	46.8	45.9	45.4	44.8
11	53.2	51.3	49.7	48.5	47.5	46.5	45.4	44.5	43.9	42.6
12	53.5	51.7	49.9	48.3	46.9	45.6	44.4	43.6	43.0	42.5
13	53.3	50.1	48.3	47.0	46.0	45.0	44.0	43.2	42.8	41.9
14	50.2	48.5	47.1	46.1	45.2	44.4	43.4	42.7	42.3	41.5
15	48.4	47.1	46.0	45.1	44.4	43.7	42.9	42.3	41.9	41.4
16	50.3	49.2	48.3	47.6	46.9	46.3	45.5	45.1	44.7	44.1
17	49.8	48.5	47.6	46.9	46.3	45.7	45.1	44.6	44.2	43.9
18	50.3	49.0	48.2	47.5	47.0	46.5	45.8	45.3	45.2	44.8
19	49.5	48.6	48.0	47.5	47.1	46.6	46.2	45.6	45.3	45.1
20	51.7	50.7	49.9	49.4	48.8	48.2	47.7	47.1	46.7	46.3
21	53.4	52.6	51.8	51.1	50.2	49.3	48.4	47.8	47.6	46.8
22	52.1	51.6	51.2	50.8	50.4	50.0	49.3	49.0	48.8	48.1
23	51.2	50.8	50.3	49.9	49.6	49.2	48.8	48.2	47.9	47.6
24	50.7	50.2	49.8	49.4	49.0	48.5	47.8	47.5	47.0	46.5

FIGURE B-17(b). HOURLY NOISE DATA FOR ATLANTA SITE 0404



	DAY "L"	NIGHT "N"	WEIGHTING	WEIGHTED LEQ
MAX	97.5	86.3	0.	56.0
MIN	38.8	42.5	8.	59.3
NPL	69.6	63.0	10.	60.7
STD	4.9	3.7	12.	62.2
LEQ	56.9	53.6		
TH1	61.4	44.9		
L1	67.3	65.4		
L3	62.6	60.0		
L5	60.2	56.9		
L10	56.8	53.6		
L20	53.4	51.1		
L30	51.8	50.2		
L40	50.7	49.6		
L50	49.7	49.0		
L60	48.7	48.4		
L70	47.7	47.9		
L80	46.6	47.3		
L90	45.3	46.5		
L95	44.2	45.8		
L97	43.6	45.4		
L99	42.6	45.1		

FIGURE B-17(c). DAY/NIGHT NOISE DATA FOR ATLANTA SITE 0404



L_{DN} : 67.3 dB
 ρ : 5,900 $\frac{\text{people}}{\text{sq. mi.}}$

SITE: 0406
 Address: 216 Chestnut NW
 Atlanta, GA
 Microphone Height: 1.2 m.
 Distance to Curb: 3.7 m.

ROADWAY TYPE

At Site: Collector
 Vicinity: Arterial

TRAFFIC

At Site: Cars
 Vicinity: Cars, Trucks

OTHER NOISE SOURCES:

FIGURE B-18(a). DESCRIPTION OF ATLANTA SITE 0406

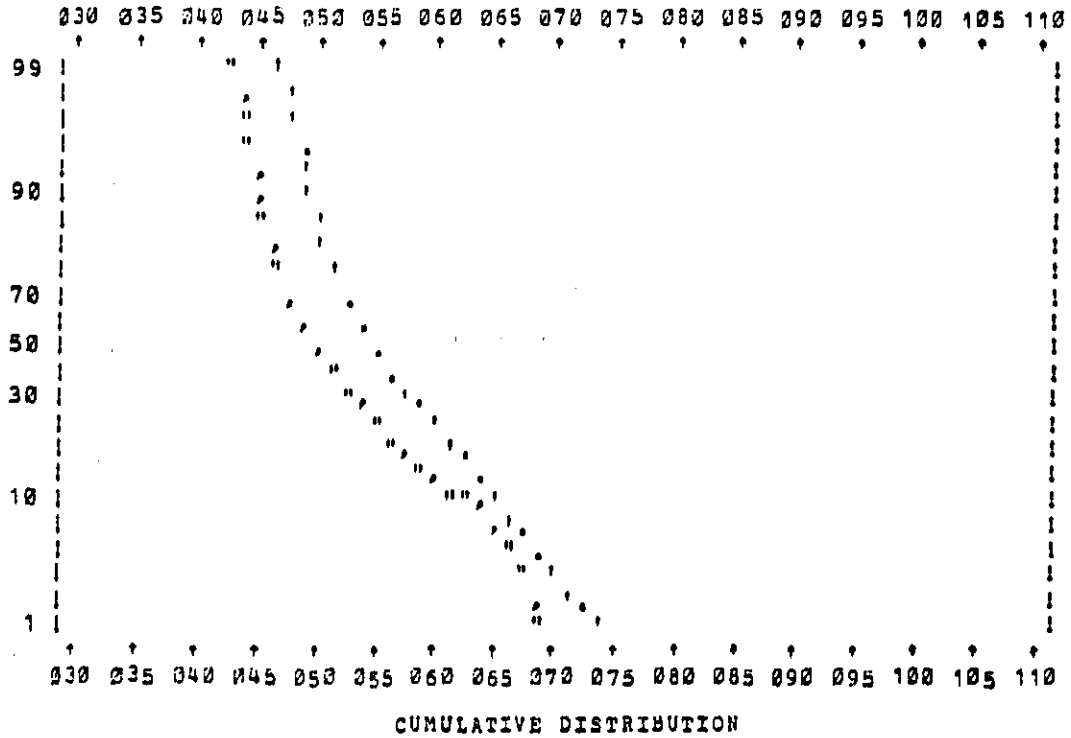
BLACK COPY

SITE # 406											
HR	MAX	MIN	NPL	SIG	LEO	TNI	L1	L3	L5	L10	L20
1	83.8	41.3	73.1	6.1	57.4	76.6	68.4	65.4	63.6	60.4	56.1
2	83.8	41.3	69.0	5.2	55.7	58.9	67.3	63.3	60.3	55.3	50.5
3	77.5	41.3	68.2	5.2	54.8	59.7	67.4	63.4	59.5	55.2	51.4
4	77.5	41.3	67.8	5.1	54.6	63.5	63.9	59.4	58.0	57.2	56.4
5	93.8	41.3	71.6	5.0	58.8	54.3	69.5	63.1	60.3	55.1	53.4
6	82.5	41.3	63.9	4.0	53.7	45.1	64.6	59.6	56.3	52.6	49.9
7	93.8	45.0	85.8	7.8	65.9	96.0	72.9	69.9	69.3	68.3	67.0
8	93.8	46.3	90.5	8.5	68.7	110.8	79.7	77.3	76.0	73.4	68.0
9											
10	90.0	45.0	74.1	5.6	59.8	74.0	70.9	67.7	65.9	62.4	58.0
11	86.3	45.0	75.8	5.9	60.8	77.2	71.7	67.7	63.8	62.7	57.8
12	97.5	43.8	80.7	6.3	64.5	82.0	73.4	68.8	67.0	64.3	60.6
13	88.8	45.0	77.0	5.9	61.8	76.6	72.2	67.5	63.8	62.9	58.9
14	85.0	43.8	77.0	6.0	61.5	80.7	72.1	68.6	66.9	64.3	60.6
15	87.5	45.0	77.7	6.0	62.3	81.3	72.6	69.0	67.3	64.8	61.1
16	95.0	46.3	79.4	6.2	63.4	83.6	73.3	70.0	68.5	65.6	61.8
17	88.8	46.3	78.6	5.9	63.4	82.5	73.8	70.1	68.7	66.6	63.7
18	97.5	46.3	81.9	6.2	65.9	83.7	74.3	70.0	68.4	66.4	63.2
19	87.5	46.3	78.3	6.2	62.5	83.2	73.6	70.0	68.5	65.6	61.8
20	92.5	46.3	76.9	5.6	62.7	77.6	72.7	68.7	67.3	65.2	62.1
21	82.5	47.5	74.6	5.4	60.8	75.1	71.8	68.4	66.7	64.2	60.2
22	88.8	47.5	75.6	5.4	61.8	76.9	71.2	68.5	67.2	65.1	62.2
23	97.5	46.3	79.0	6.1	63.4	82.9	72.5	69.4	67.9	65.6	61.9
24	73.8	42.5	70.6	5.8	55.7	72.6	66.1	64.2	62.5	59.5	55.7

HR	L30	L40	L50	L60	L70	L80	L90	L95	L97	L99
1	53.1	50.8	49.1	47.8	46.7	45.8	45.0	44.3	43.0	42.4
2	48.4	47.3	46.5	45.9	45.4	44.8	44.1	43.8	43.4	42.8
3	49.8	48.3	47.1	46.1	45.3	44.5	43.8	43.1	42.8	42.5
4	55.5	52.3	49.7	48.4	47.2	46.2	45.1	44.2	43.8	42.8
5	52.7	52.0	51.3	49.5	48.0	46.6	45.4	44.6	44.1	43.6
6	48.7	48.0	47.4	46.8	46.3	45.7	45.0	44.3	44.0	43.8
7	65.5	63.7	59.3	54.8	52.2	50.6	49.1	48.2	47.8	46.9
8	63.6	59.4	56.2	54.4	53.2	52.1	50.9	50.1	49.6	48.9
9										
10	55.2	53.5	52.3	51.2	50.4	49.5	48.6	47.9	47.6	46.8
11	54.8	53.2	51.9	50.9	49.9	48.9	47.8	47.1	46.7	46.3
12	57.3	55.0	53.3	52.0	50.8	49.7	48.5	47.7	47.2	46.5
13	55.8	53.7	52.3	51.2	50.2	49.3	48.4	47.8	47.5	46.6
14	57.8	55.6	54.0	52.7	51.3	50.2	48.9	47.9	47.5	46.6
15	58.3	56.3	54.7	53.4	52.1	50.9	49.3	48.3	47.8	46.9
16	59.0	56.8	55.0	53.5	52.1	50.9	49.6	48.9	48.4	47.7
17	61.2	59.1	57.3	55.6	54.1	52.7	51.3	50.3	49.7	48.8
18	60.5	58.2	56.2	54.7	53.3	52.0	50.6	49.7	49.2	48.5
19	58.8	56.6	54.8	53.3	52.1	50.9	49.8	49.0	48.6	47.8
20	59.6	57.6	55.9	54.5	53.3	52.2	51.0	50.2	49.6	48.9
21	57.5	55.5	54.1	53.0	52.2	51.4	50.5	50.0	49.6	49.0
22	59.9	57.9	56.2	54.8	53.5	52.3	51.2	50.4	50.1	49.2
23	59.0	56.7	54.9	53.4	52.2	51.0	49.8	49.0	48.7	47.9
24	52.9	52.1	48.1	47.0	46.2	45.7	45.1	44.5	44.2	43.9

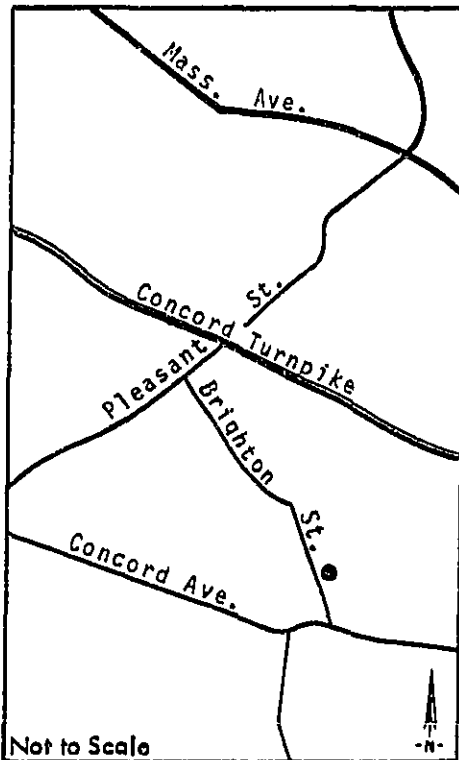
FIGURE B-18(b). HOURLY NOISE DATA FOR ATLANTA SITE 0406

SITE # 406



	DAY 'D'	NIGHT 'N'	WEIGHTING	WEIGHTED LEQ
MAX	97.5	97.5	0.	62.6
MIN	43.8	41.3	8.	65.9
NPL	79.3	77.6	10.	67.3
SIG	6.3	6.8	12.	68.9
LEQ	63.5	60.3		
TNI	83.4	85.7		
L1	74.9	69.9		
L3	70.3	67.8		
L5	68.2	66.3		
L10	65.4	62.6		
L20	61.6	56.6		
L30	58.6	53.6		
L40	56.3	51.6		
L50	54.6	49.8		
L60	53.2	48.3		
L70	52.0	47.1		
L80	50.8	46.0		
L90	49.4	44.9		
L95	48.5	44.1		
L97	47.9	43.8		
L99	47.0	43.0		

FIGURE B-18(c). DAY/NIGHT NOISE DATA FOR ATLANTA SITE 0406



L_{DN} :	61.2 dB
ρ :	6,200 $\frac{\text{people}}{\text{sq. mi.}}$

SITE: 0001
 Address: 24 Griswold
 Cambridge, MA
 Microphone Height: 3.0 m.
 Distance to Curb: 9.1 m.

ROADWAY TYPE
 At Site: Local
 Vicinity: Arterial

TRAFFIC
 At Site: Cars
 Vicinity: Cars, Trucks

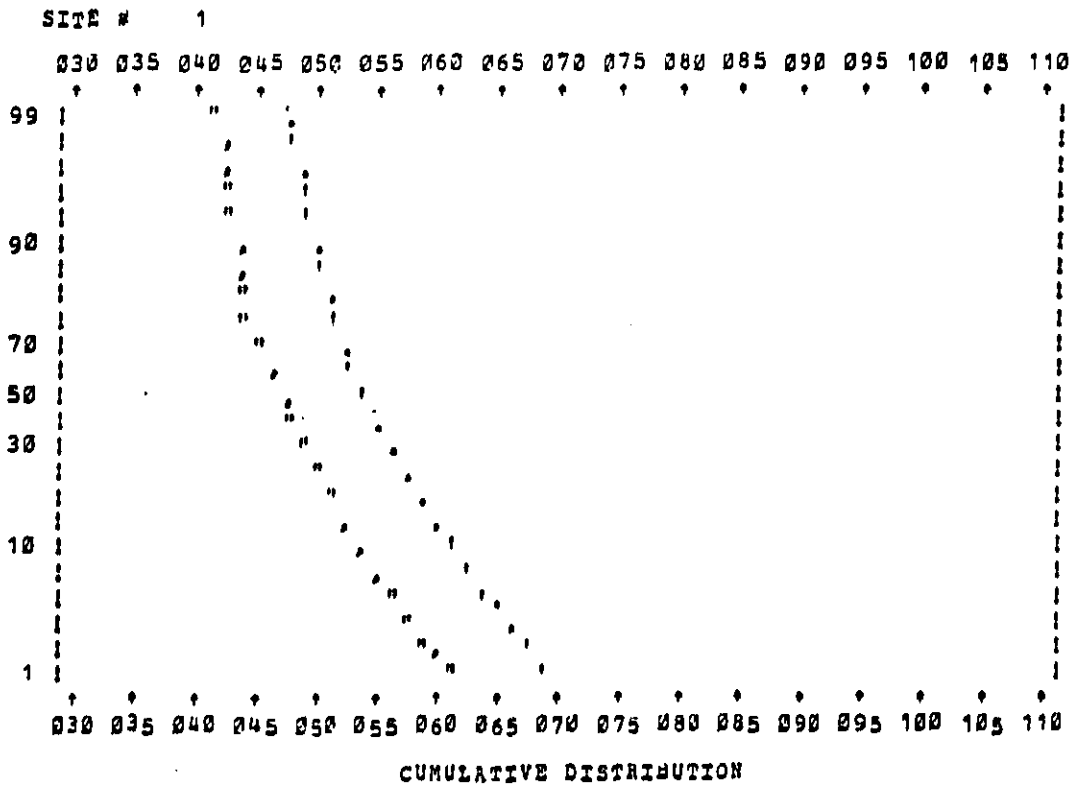
OTHER NOISE SOURCES:

FIGURE 3-19(a). DESCRIPTION OF BOSTON SITE 0001

SITE # 1											
HR	MAX	MIN	NPL	SIG	LEQ	TNI	L1	L3	L5	L10	L20
1	85.0	42.5	61.2	3.5	52.3	47.7	61.2	56.9	55.5	53.5	51.0
2	71.3	42.5	55.8	2.8	48.7	36.8	57.7	53.4	51.7	49.8	48.1
3	76.3	41.3	55.9	3.1	47.9	36.8	58.1	52.9	50.9	48.7	46.7
4	85.0	41.3	57.8	3.1	50.0	39.7	54.0	52.0	50.8	49.1	47.0
5	82.5	41.3	59.6	3.8	49.9	46.0	58.9	55.8	54.1	51.0	48.5
6	87.5	41.3	61.9	3.2	53.7	40.1	57.3	53.3	51.6	49.8	48.1
7	76.3	43.8	66.8	4.2	56.0	57.7	67.7	63.0	60.8	57.0	55.1
8	85.0	47.5	70.6	4.3	59.5	63.9	70.2	67.0	65.0	62.3	59.2
9	81.3	47.5	69.7	4.2	59.0	62.3	69.6	66.6	64.8	61.9	58.6
10	77.5	45.0	71.8	5.0	59.0	69.4	70.3	67.2	65.4	62.0	58.3
11	86.3	46.3	75.1	5.3	61.4	71.4	73.3	68.3	65.9	62.8	58.8
12	91.3	43.8	75.6	5.6	61.3	75.3	71.5	67.7	65.8	63.0	59.7
13	81.3	43.8	72.3	5.2	58.9	69.9	70.1	66.3	64.4	61.2	57.8
14	81.3	43.8	71.9	4.9	59.2	68.6	70.0	66.4	64.7	61.8	58.0
15	90.0	46.3	69.3	4.2	58.4	62.0	68.9	65.8	63.8	61.0	57.4
16	83.8	47.5	70.8	4.4	59.5	63.2	70.5	66.2	64.4	61.6	58.0
17	83.8	46.3	70.1	4.3	59.2	61.6	69.7	65.8	64.0	61.2	58.5
18	86.3	46.3	70.6	4.3	59.5	63.2	69.8	66.2	64.4	61.8	58.9
19	98.8	46.3	76.7	5.1	63.6	67.7	72.3	67.3	65.1	62.0	58.6
20	88.8	45.0	70.5	4.5	58.9	64.1	69.3	66.0	64.3	61.1	57.6
21	83.8	46.3	63.9	3.4	55.1	50.4	64.6	61.5	59.8	57.0	54.6
22	82.5	43.8	66.3	4.2	55.5	57.4	65.4	62.4	60.6	57.6	54.9
23	78.8	43.8	64.6	4.0	54.5	55.1	65.3	60.1	58.5	56.6	53.7
24	90.0	43.8	65.1	3.7	55.5	48.1	64.5	59.8	57.6	54.6	52.2

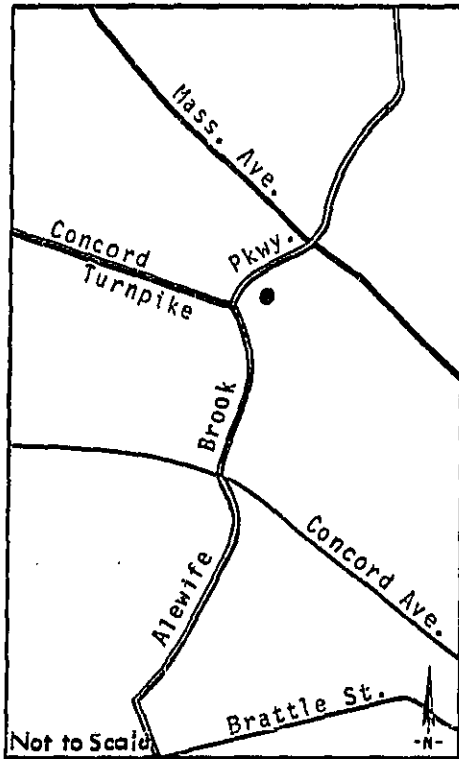
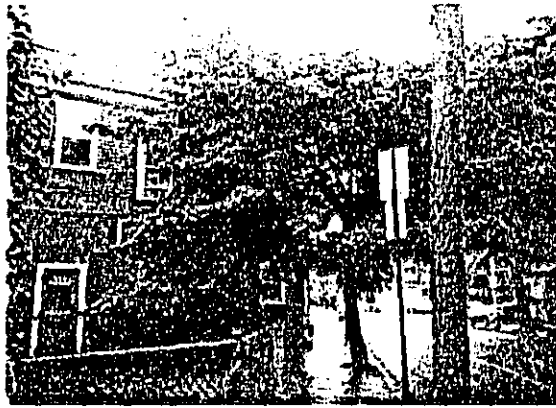
HR	L30	L40	L50	L60	L70	L80	L90	L95	L97	L99
1	49.7	48.7	47.9	47.2	46.6	46.0	45.4	45.0	44.6	44.0
2	47.1	46.4	45.9	45.5	45.1	44.6	44.1	43.9	43.8	43.1
3	45.7	44.9	44.2	43.7	43.3	43.0	42.6	42.2	41.8	41.4
4	45.3	44.4	43.7	43.4	43.1	42.7	42.3	41.8	41.6	41.4
5	47.0	46.0	44.9	44.2	43.6	43.1	42.6	42.1	41.7	41.4
6	47.0	46.2	45.5	44.8	44.3	43.8	43.1	42.7	42.5	41.8
7	53.7	52.7	51.9	51.2	50.3	49.2	47.8	46.9	46.4	45.4
8	57.2	56.0	55.0	54.2	53.5	52.7	51.7	51.2	50.7	50.1
9	56.9	55.8	54.9	54.2	53.5	52.8	51.7	51.0	50.4	49.4
10	56.1	54.8	53.7	52.8	51.8	50.8	49.5	48.6	48.0	47.1
11	56.6	55.2	54.0	53.0	52.0	51.0	49.9	49.1	48.8	47.8
12	57.7	56.0	54.4	52.9	51.6	50.4	48.9	47.9	47.5	46.5
13	55.6	54.0	52.9	51.9	50.9	49.7	48.2	47.3	46.7	45.8
14	55.8	54.4	53.3	52.4	51.6	50.7	49.5	48.8	48.1	47.1
15	55.6	54.5	53.7	53.0	52.4	51.6	50.7	50.0	49.4	48.8
16	55.9	54.4	53.6	53.3	52.6	51.9	51.1	50.4	50.1	49.2
17	57.1	55.9	54.9	54.2	53.2	52.2	51.1	50.2	49.7	48.9
18	57.3	56.0	55.0	54.2	53.3	52.5	51.4	50.3	49.7	48.8
19	56.7	55.2	54.1	53.1	52.1	51.2	50.2	49.3	48.9	48.0
20	55.8	54.6	53.6	52.8	52.0	51.3	50.2	49.3	48.9	47.9
21	53.4	52.6	51.9	51.3	50.7	50.0	49.2	48.8	48.3	47.8
22	53.3	52.1	51.1	50.2	49.3	48.5	47.6	46.9	46.6	46.2
23	52.1	51.0	50.2	49.4	48.7	48.0	47.1	46.6	46.4	45.6
24	51.1	50.2	49.5	48.8	48.2	47.6	46.8	46.4	46.1	45.3

FIGURE B-19(b). HOURLY NOISE DATA FOR BOSTON SITE 0001



	DAY '.,'	NIGHT ",,"	WEIGHTING	WEIGHTED LEQ
MAX	98.8	90.0	0.	58.1
MIN	43.8	41.3	8.	60.2
MFL	71.9	64.2	10.	61.2
SIG	4.8	4.4	12.	62.4
LEQ	59.7	52.9		
TNI	66.2	54.8		
L1	70.0	62.5		
L3	66.3	58.0		
L5	64.4	56.1		
L10	61.4	53.6		
L20	58.1	51.1		
L30	56.1	49.5		
L40	54.8	48.3		
L50	53.8	47.2		
L60	52.9	46.2		
L70	52.0	45.1		
L80	51.1	44.1		
L90	49.8	43.1		
L95	48.8	42.7		
L97	48.1	42.4		
L99	47.1	41.6		

FIGURE B-19(c). DAY/NIGHT NOISE DATA FOR BOSTON SITE 0001



L_{DN} :	68.9 dB
ρ :	12,500 $\frac{\text{people}}{\text{sq. mi.}}$

SITE: 0002
 Address: 93 Rice
 Cambridge, MA
 Microphone Height: 1.8 m.
 Distance to Curb: 12.2 m.

ROADWAY TYPE
 At Site: Local
 Vicinity: Collector

TRAFFIC
 At Site: Cars
 Vicinity: Cars, Trucks

OTHER NOISE SOURCES:

FIGURE B-20(a). DESCRIPTION OF BOSTON SITE 0002

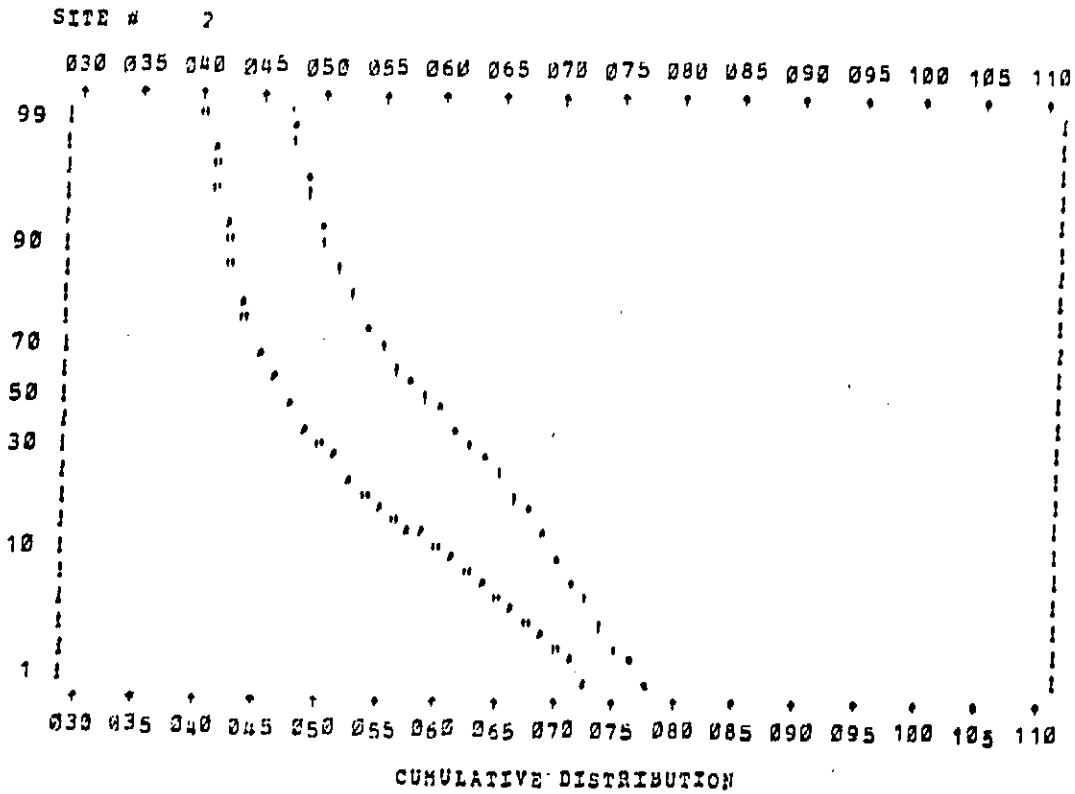
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SITE # 2

HR	MAX	MIN	NPL	SIG	LEO	TNI	L1	L3	L5	L10	L20
1	91.3	41.3	82.1	7.6	62.7	96.0	74.4	71.1	69.4	66.1	60.9
2	88.8	40.0	76.9	6.4	60.5	72.7	73.5	68.0	64.7	59.2	53.6
3	83.8	38.8	73.7	6.2	57.8	67.1	71.2	65.7	61.8	56.5	51.3
4	77.5	37.5	63.6	4.4	52.3	41.7	65.3	56.7	52.5	48.7	45.9
5	80.0	37.5	62.5	4.1	51.9	43.0	62.5	56.6	53.3	49.6	46.8
6	85.0	37.5	64.2	4.1	53.7	38.1	65.8	54.4	51.2	48.2	46.0
7	83.8	38.8	72.9	5.8	58.0	55.1	70.5	65.1	60.5	53.2	48.9
8	86.3	42.5	80.1	6.8	62.7	87.8	74.4	70.9	68.9	65.6	60.7
9	87.5	46.3	83.6	6.8	66.2	92.4	76.8	73.5	71.9	69.7	67.1
10	101.2	43.8	88.9	7.1	70.7	93.3	78.5	74.2	72.4	70.0	67.2
11	95.0	42.5	88.0	7.8	68.1	100.4	77.7	74.0	72.2	69.4	65.9
12	92.5	42.5	85.3	7.2	66.8	94.8	77.7	74.2	72.2	69.1	65.3
13	93.8	46.3	87.2	7.5	67.9	98.5	79.1	75.0	73.2	70.2	66.5
14	105.0	46.3	90.8	7.6	71.3	97.1	80.7	75.4	73.0	69.7	66.0
15	90.0	45.0	83.8	7.0	66.0	94.1	76.8	73.6	72.0	69.3	65.8
16	97.5	43.8	86.9	7.2	68.3	95.3	77.6	73.9	72.1	69.2	65.6
17	90.0	43.8	84.3	7.0	66.3	95.4	76.9	73.4	71.8	69.3	66.0
18	95.0	45.0	86.6	7.1	68.5	97.5	78.0	75.3	73.8	71.8	69.2
19	88.8	45.0	86.0	7.1	67.7	97.8	78.3	75.2	73.7	71.5	68.5
20	93.8	45.0	83.3	6.8	65.8	92.9	76.1	73.3	71.7	69.2	66.0
21	91.3	45.0	85.5	7.0	67.6	95.5	78.3	74.7	73.1	70.6	67.3
22	91.3	43.8	82.7	7.0	64.8	91.3	74.7	71.7	70.1	67.1	62.7
23	88.8	42.5	81.7	7.2	63.2	92.8	74.8	71.6	69.8	66.5	61.6
24	93.8	42.5	83.4	7.4	64.5	93.8	75.7	71.7	69.6	66.6	62.0

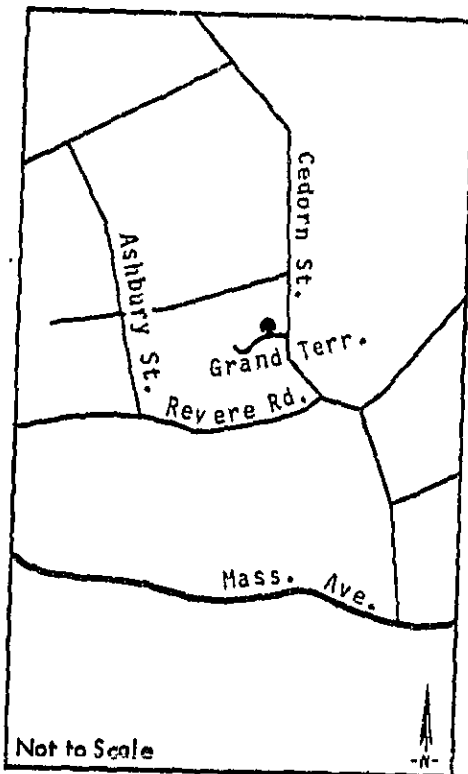
HR	L30	L42	L50	L60	L70	L80	L90	L95	L97	L99
1	56.9	54.0	52.4	50.6	49.0	47.5	46.2	45.3	44.9	44.0
2	50.9	49.4	48.3	47.4	46.6	45.7	44.7	44.0	43.6	42.7
3	48.8	47.1	46.1	45.3	44.5	43.8	42.9	42.3	41.8	41.3
4	44.8	44.1	43.5	42.9	42.4	41.8	41.0	40.4	40.2	39.5
5	45.6	44.8	44.2	43.6	43.1	42.6	41.8	41.3	40.8	40.1
6	44.9	44.4	43.8	43.3	42.8	42.3	41.6	41.2	40.7	40.1
7	47.1	46.1	45.3	44.6	44.0	43.3	42.6	41.9	41.6	41.3
8	57.4	54.8	53.1	51.7	50.6	49.5	48.2	47.2	46.6	45.6
9	64.9	62.4	60.0	57.9	55.9	54.1	52.2	50.7	49.9	48.9
10	64.7	62.3	60.1	58.1	56.1	54.3	52.2	50.6	49.5	47.5
11	63.1	60.6	58.2	55.9	53.9	51.8	49.1	47.5	46.5	45.3
12	62.3	59.8	57.6	55.6	53.7	52.1	50.5	49.5	48.9	47.9
13	63.4	60.8	58.3	56.1	54.2	52.5	50.7	49.7	49.1	48.4
14	63.1	60.5	58.2	56.1	54.2	52.4	50.6	49.5	48.9	47.9
15	63.0	60.7	58.6	56.5	54.6	52.8	51.1	50.0	49.4	48.5
16	63.2	60.8	58.6	56.6	54.7	52.7	50.5	49.0	48.2	47.1
17	63.4	61.2	59.3	57.5	55.4	53.1	50.7	49.2	48.5	47.5
18	66.8	64.7	62.5	60.3	58.1	55.9	53.2	51.5	50.4	48.8
19	66.2	63.9	61.9	59.8	57.6	55.3	52.7	51.1	50.0	47.9
20	63.4	61.0	58.9	56.8	55.0	53.3	51.3	50.0	49.2	48.1
21	64.9	62.8	60.8	58.7	56.5	54.5	52.4	50.8	50.0	48.9
22	59.0	56.3	54.4	52.9	51.8	50.6	49.1	48.0	47.5	46.5
23	57.7	54.8	52.9	51.5	50.2	49.1	47.8	46.8	46.4	45.4
24	58.0	54.9	53.1	51.6	50.4	49.0	47.6	46.6	46.2	45.3

FIGURE B-20(b). HOURLY NOISE DATA FOR BOSTON SITE 0002



	DAY " , "	NIGHT " , "	WEIGHTING	WEIGHTED L _{EQ}
MAX	105.0	93.8	0.	66.2
MIN	42.5	37.5	8.	68.0
NPL	86.7	79.3	10.	68.9
SIG	7.4	7.4	12.	70.1
L _{EQ}	67.8	60.3		
TNI	97.3	85.0		
L1	77.6	72.8		
L3	74.1	68.5		
L5	72.4	65.9		
L10	69.8	62.6		
L20	66.5	54.7		
L30	63.7	51.0		
L40	61.2	48.8		
L50	58.9	47.1		
L60	56.8	45.7		
L70	54.7	44.6		
L80	52.8	43.6		
L90	50.7	42.5		
L95	49.3	41.7		
L97	48.5	41.3		
L99	47.1	40.4		

FIGURE B-20(c). DAY/NIGHT NOISE DATA FOR BOSTON SITE 0002



L_{DN} :	59.6	dB
ρ :	2,000	$\frac{\text{people}}{\text{sq. mi.}}$

SITE: 0003
 Address: 3 Garrard
 Lexington, MA
 Microphone Height: 9.1 m.
 Distance to Curb: 15.2 m.

ROADWAY TYPE

At Site: Local
 Vicinity: Local

TRAFFIC

At Site: Cars
 Vicinity: Cars

OTHER NOISE SOURCES:

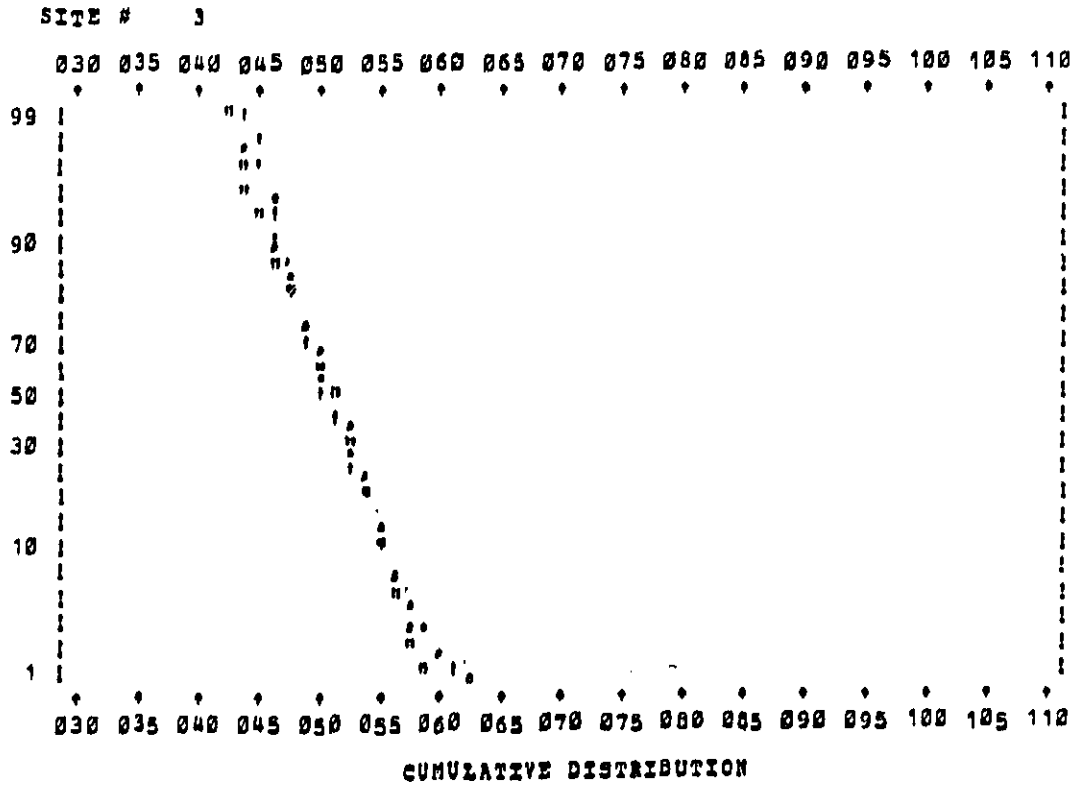
FIGURE B-21(a). DESCRIPTION OF BOSTON SITE 0003

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SITE # 3											
HR	MAX	MIN	NPL	SIG	LEQ	THI	L1	L3	L5	L10	L20
1	70.0	46.3	59.4	2.3	53.5	43.5	59.2	57.7	57.0	55.9	54.8
2	63.8	45.0	57.2	2.3	51.4	40.7	57.3	55.7	54.8	53.7	52.5
3	65.0	43.8	57.2	2.5	50.8	42.7	57.1	55.6	54.7	53.4	52.0
4	60.0	41.3	56.5	3.2	48.3	47.1	55.3	53.7	52.9	51.6	49.8
5	67.5	41.3	57.5	3.2	49.4	46.3	57.3	55.0	53.8	52.3	50.5
6	68.0	42.5	60.2	3.3	51.8	50.8	58.3	56.7	55.9	54.7	53.2
7	71.3	45.0	62.2	2.7	55.3	45.7	62.5	60.0	58.6	57.3	56.1
8	76.3	50.0	62.0	2.2	56.4	40.6	62.9	59.8	58.6	57.4	56.3
9	75.0	47.5	59.1	2.1	53.7	40.3	60.6	58.0	57.0	55.6	54.2
10	72.5	45.0	59.8	2.8	52.6	45.6	60.1	57.8	56.7	55.1	53.5
11	66.3	43.8	58.4	2.9	51.0	44.6	59.0	56.7	55.3	53.6	51.9
12	85.0	42.5	58.8	3.3	50.4	45.6	58.7	56.1	54.7	52.6	50.1
13	76.3	42.5	66.1	4.4	54.9	54.2	67.3	61.1	58.1	55.4	53.0
14	72.5	41.3	58.5	3.0	50.7	45.2	58.6	55.7	54.6	53.1	51.5
15	80.0	43.8	59.8	3.1	52.0	46.8	58.7	56.6	55.6	54.2	52.6
16	83.8	45.0	68.9	4.1	56.4	40.9	69.1	61.2	58.4	55.7	53.7
17	76.3	42.5	62.1	3.6	52.9	49.8	61.9	58.3	56.9	54.8	52.7
18	88.8	42.5	72.6	4.9	60.0	54.0	73.6	63.4	59.7	56.1	53.4
19	77.5	43.8	62.6	3.6	53.4	46.8	65.3	58.0	56.1	54.1	52.1
20	86.3	43.8	69.5	3.9	59.5	45.7	69.1	58.9	56.8	54.8	53.1
21	76.3	45.0	58.3	2.4	52.0	42.4	58.8	56.6	55.8	54.5	53.0
22	82.5	50.0	62.2	2.3	56.3	41.7	62.8	59.8	58.7	57.3	56.0
23	70.0	48.8	59.7	2.1	54.4	39.9	61.2	58.4	57.3	56.1	54.9
24	68.0	48.8	59.3	1.9	54.4	40.1	59.7	58.1	57.3	56.3	55.3

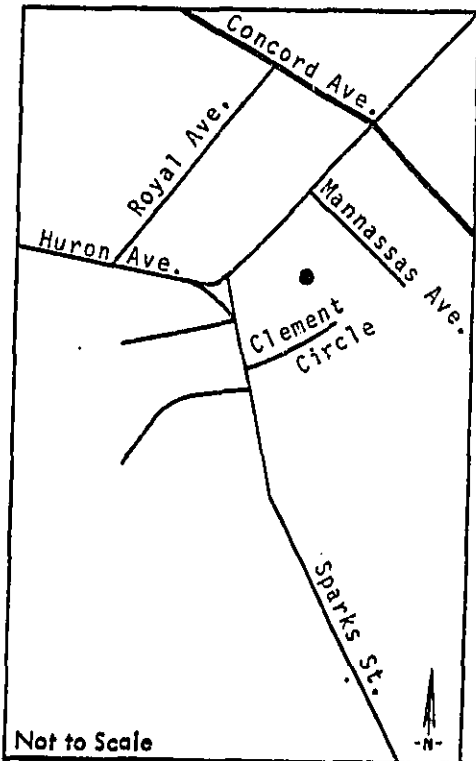
HR	L30	L40	L50	L60	L70	L80	L90	L95	L97	L99
1	54.0	53.3	52.7	52.1	51.5	50.8	50.1	49.3	49.0	48.3
2	51.8	51.1	50.6	50.0	49.4	48.8	48.0	47.6	47.0	46.4
3	51.1	50.3	49.6	49.0	48.4	47.8	47.0	46.5	46.3	45.6
4	48.4	47.2	46.2	45.4	44.6	43.9	43.1	42.7	42.4	41.6
5	49.2	48.1	47.3	46.6	46.0	45.3	44.3	43.7	43.2	42.7
6	52.2	51.3	50.5	49.6	48.7	47.5	46.0	45.1	44.5	43.9
7	55.4	54.8	54.3	53.8	53.2	52.5	51.2	49.4	48.8	47.8
8	59.8	55.3	54.9	54.5	54.1	53.0	53.0	52.6	52.3	51.6
9	53.5	53.0	52.5	52.1	51.7	51.3	50.6	50.3	50.1	49.6
10	52.4	51.6	51.0	50.4	49.8	49.2	48.3	47.7	47.4	46.6
11	50.0	49.9	49.3	48.6	48.0	47.4	46.6	46.0	45.6	45.1
12	48.6	47.6	47.0	46.4	45.9	45.4	44.9	44.3	44.1	43.8
13	51.4	50.3	49.4	48.6	47.8	46.9	45.8	45.2	44.8	44.0
14	50.4	49.6	48.8	48.1	47.4	46.7	45.7	45.1	44.5	43.8
15	51.5	50.6	49.8	49.1	48.4	47.7	46.7	46.0	45.5	45.0
16	52.7	51.9	51.1	50.3	49.6	48.9	48.0	47.5	46.9	46.4
17	51.3	50.4	49.6	48.9	48.2	47.6	46.5	45.6	45.2	44.4
18	51.8	50.7	49.8	49.2	48.5	47.8	46.8	46.3	45.6	44.8
19	50.9	49.9	49.2	48.5	47.9	47.3	46.6	46.1	45.6	45.1
20	52.0	51.2	50.6	50.0	49.4	48.8	47.8	47.1	46.5	45.6
21	51.9	51.1	50.5	50.0	49.5	49.1	48.5	48.0	47.7	47.5
22	55.2	54.7	54.2	53.8	53.4	53.0	52.5	51.9	51.6	51.4
23	54.3	53.7	53.3	52.9	52.5	52.0	51.5	51.2	50.7	50.2
24	54.7	54.2	53.7	53.3	52.8	52.4	51.6	51.3	50.8	50.2

FIGURE B-21(b). HOURLY NOISE DATA FOR BOSTON SITE 0003



	DAY '1'	NIGHT "n"	WEIGHTING	WEIGHTED LEQ
MAX	88.8	71.3	0.	54.6
MIN	41.3	41.3	0.	58.2
NPL	65.2	62.1	10.	59.6
SIG	3.8	3.7	12.	61.2
LEQ	55.4	52.7		
THI	52.1	54.1		
L1	63.0	59.4		
L3	58.5	57.4		
L5	57.1	56.6		
L10	55.6	55.5		
L20	53.9	54.2		
L30	52.7	53.3		
L40	51.6	52.5		
L50	50.6	51.6		
L60	49.7	50.6		
L70	48.9	49.3		
L80	47.9	47.9		
L90	46.7	46.0		
L95	45.8	44.6		
L97	45.3	43.9		
L99	44.5	42.9		

FIGURE B-21(c). DAY/NIGHT NOISE DATA FOR BOSTON SITE 0003



Not to Scale

L_{DN} :	59.6 dB
ρ :	8,100 $\frac{\text{people}}{\text{sq. mi.}}$

SITE: 0004
 Address: 5 Clement Cr.
 Cambridge, MA
 Microphone Height: 7.6 m.
 Distance to Curb: 9.1 m.

ROADWAY TYPE

At Site: Local
 Vicinity: Collector

TRAFFIC

At Site: Cars
 Vicinity: Cars, Trucks, Buses

OTHER NOISE SOURCES:

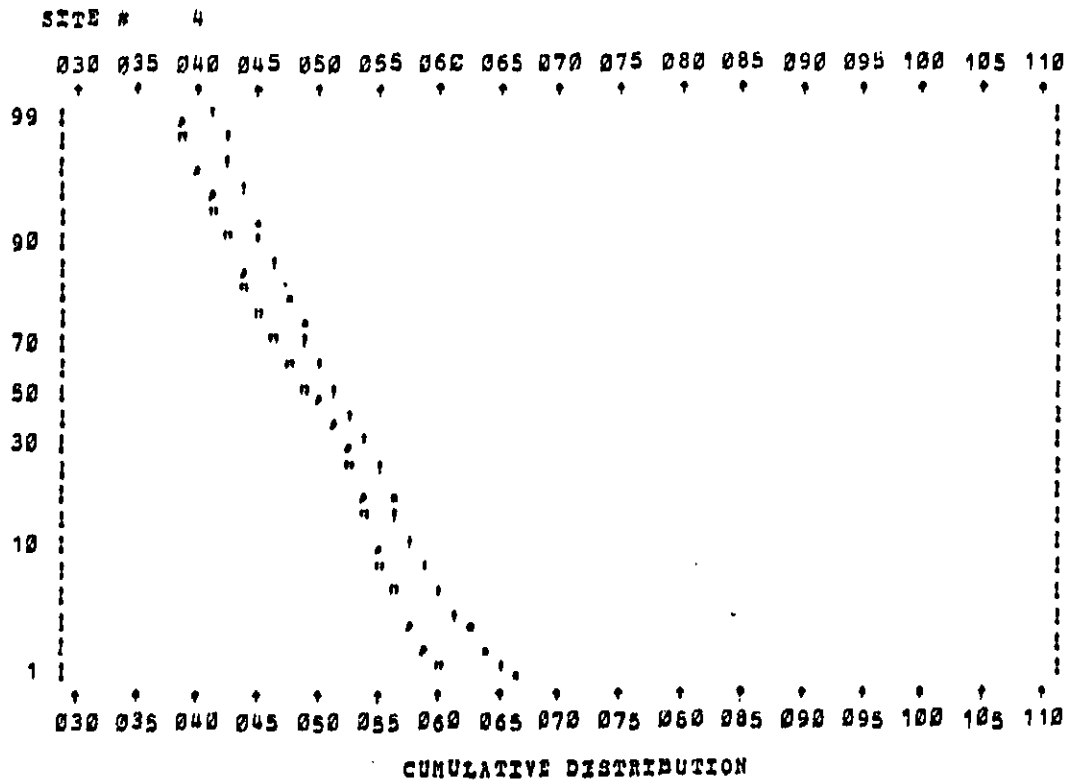
FIGURE B-22(a). DESCRIPTION OF BOSTON SITE 0004

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SITE #		4									
HR	MAX	MIN	NPL	SIG	LEQ	TNI	L1	L3	L5	L10	L20
1	70.0	47.5	59.6	2.2	54.0	40.6	61.1	58.5	57.2	55.8	54.5
2	68.8	46.3	58.7	2.3	52.8	39.9	61.1	57.3	56.0	54.5	53.2
3	76.3	45.0	56.0	2.2	50.3	37.8	56.8	54.5	53.5	52.2	50.7
4	62.5	41.3	54.6	2.5	48.1	38.4	55.8	53.1	51.9	50.2	48.7
5	63.8	41.3	52.4	2.2	46.7	32.9	54.6	51.1	49.8	48.4	47.1
6	65.0	37.5	50.1	2.3	44.3	31.3	51.5	48.2	47.1	46.0	44.9
7	68.8	35.0	57.0	4.1	46.5	47.3	57.6	52.6	50.8	48.3	45.7
8	65.0	37.5	56.9	3.7	47.5	48.1	56.4	53.6	52.3	50.6	48.5
9	68.8	38.8	60.9	4.0	50.6	54.7	59.5	57.0	55.6	53.7	51.6
10	70.0	40.0	64.9	4.6	53.1	62.8	61.9	60.0	58.7	56.7	54.4
11	77.5	42.5	66.4	4.1	55.8	57.6	65.3	61.7	59.9	57.8	55.8
12	76.3	41.3	66.3	4.3	55.1	58.5	65.7	61.8	59.9	57.3	55.0
13	83.8	41.3	71.3	5.2	57.9	68.3	69.0	64.6	62.7	59.5	56.2
14	82.5	38.8	74.0	5.6	59.6	69.4	72.6	66.7	63.6	60.1	56.8
15	82.5	40.0	70.4	5.1	57.2	64.2	68.8	63.2	61.0	57.9	55.1
16	85.0	41.3	70.4	4.7	58.3	60.6	69.1	62.5	60.7	58.3	56.0
17	77.5	40.0	66.4	4.2	55.6	58.9	65.3	61.2	59.8	57.6	55.4
18	77.5	38.8	65.1	4.1	54.7	57.6	63.7	60.4	59.0	57.1	55.3
19	83.8	41.3	71.2	5.0	58.4	64.7	69.5	64.3	62.2	59.4	56.9
20	82.5	41.3	71.7	5.2	58.4	68.4	68.8	64.8	62.7	59.9	56.9
21	70.0	43.0	65.2	4.3	54.3	59.8	62.9	60.5	59.2	57.3	55.5
22	78.8	51.3	63.1	2.2	57.5	42.9	64.7	62.0	60.6	58.9	57.7
23	72.5	50.0	61.4	2.2	55.7	39.8	64.3	60.1	58.5	57.0	55.8
24	77.5	47.5	63.5	2.9	56.1	44.9	66.4	61.0	59.3	57.2	55.4

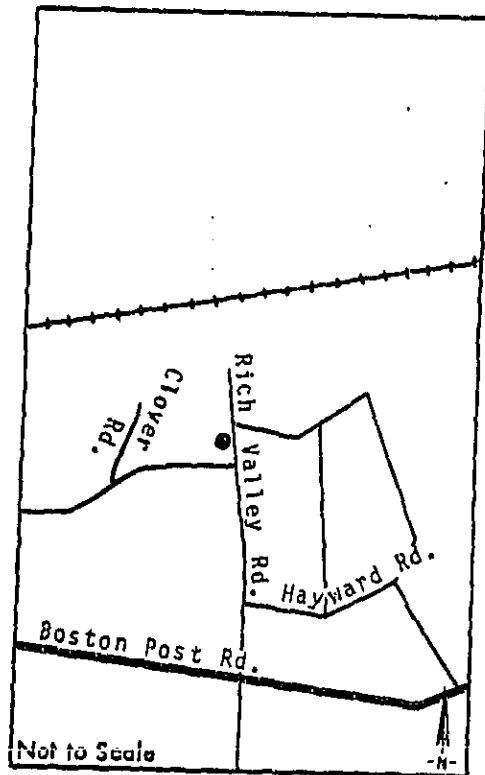
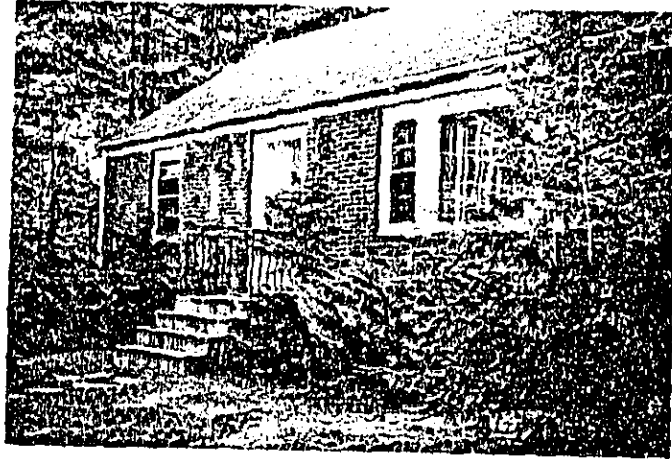
HR	L30	L40	L50	L60	L70	L80	L90	L95	L97	L99
1	53.7	53.2	52.0	52.3	51.9	51.5	50.8	50.4	50.2	49.6
2	52.4	51.9	51.4	50.9	50.5	50.1	49.4	49.0	48.9	48.3
3	49.8	49.3	48.7	48.4	48.0	47.6	47.0	46.6	46.4	46.2
4	48.0	47.4	46.9	46.4	45.8	45.2	44.2	43.6	43.1	42.6
5	46.2	45.8	45.3	44.9	44.5	44.1	43.6	43.0	42.8	42.5
6	44.3	43.7	43.2	42.8	42.2	41.7	40.9	40.3	40.0	39.1
7	44.5	43.7	42.7	41.4	40.4	39.5	38.6	37.9	37.7	37.0
8	46.8	45.6	44.7	44.0	43.3	42.6	41.5	40.5	40.0	39.1
9	50.2	49.0	47.9	46.9	45.7	44.6	43.3	42.6	42.1	41.5
10	52.7	51.2	49.8	48.5	47.2	45.9	44.6	44.0	43.5	42.7
11	54.4	53.3	52.2	51.2	50.2	49.2	47.9	46.8	46.2	45.1
12	53.5	52.3	51.3	50.4	49.4	48.3	46.9	45.8	45.1	44.0
13	54.5	53.1	52.0	50.9	49.7	48.3	46.5	45.3	44.6	43.8
14	55.0	53.6	52.4	51.3	50.1	48.8	47.0	45.6	44.7	43.0
15	53.4	52.1	50.9	49.8	48.6	47.4	45.8	44.7	44.0	42.9
16	54.6	53.4	52.4	51.4	50.3	49.1	47.5	46.2	45.5	44.2
17	54.0	52.9	52.0	51.0	50.0	48.8	47.2	46.3	45.6	44.7
18	54.0	52.9	52.0	51.1	50.1	48.8	47.0	45.7	45.0	43.4
19	55.4	54.2	53.2	52.1	50.9	49.5	47.7	46.1	45.2	43.9
20	55.0	53.7	52.6	51.5	50.3	49.0	47.1	45.7	44.8	43.4
21	54.3	53.2	52.1	51.0	49.8	48.4	46.5	44.9	44.0	42.7
22	57.1	56.6	56.1	55.7	55.3	55.0	54.3	53.9	53.8	53.1
23	55.1	54.7	54.3	54.0	53.6	53.1	52.7	52.4	51.9	51.5
24	54.6	54.1	53.6	53.1	52.7	52.1	51.4	50.7	50.4	50.1

FIGURE B-22(b). HOURLY NOISE DATA FOR BOSTON SITE 0004



	DAY "L"	NIGHT "N"	WEIGHTING	WEIGHTED LEQ
MAX	85.0	77.5	0.	55.3
MIN	37.5	35.0	8.	38.3
NPL	69.5	65.1	10.	59.6
SIG	5.1	5.0	12.	61.1
LEQ	56.5	52.2		
TNI	65.5	61.6		
L1	66.4	60.7		
L3	62.2	57.4		
L5	60.3	56.2		
L10	58.0	54.9		
L20	55.8	53.6		
L30	54.4	52.5		
L40	53.0	51.2		
L50	51.7	49.5		
L60	50.5	47.7		
L70	49.1	46.0		
L80	47.6	44.4		
L90	45.4	42.7		
L95	44.0	40.9		
L97	43.1	39.9		
L99	41.7	38.4		

FIGURE B-22(c). DAY/NIGHT NOISE DATA FOR BOSTON SITE 0004



L_{DN} :	57.0 dB
ρ :	1,000 $\frac{\text{people}}{\text{sq. mi.}}$

SITE: 0005
 Address: 28 Rich Valley Rd.
 Wayland, MA
 Microphone Height: 1.5 m.
 Distance to Curb: 9.1 m.

ROADWAY TYPE
 At Site: Local
 Vicinity: Arterial

TRAFFIC
 At Site: Cars
 Vicinity: Cars, Trucks

OTHER NOISE SOURCES:

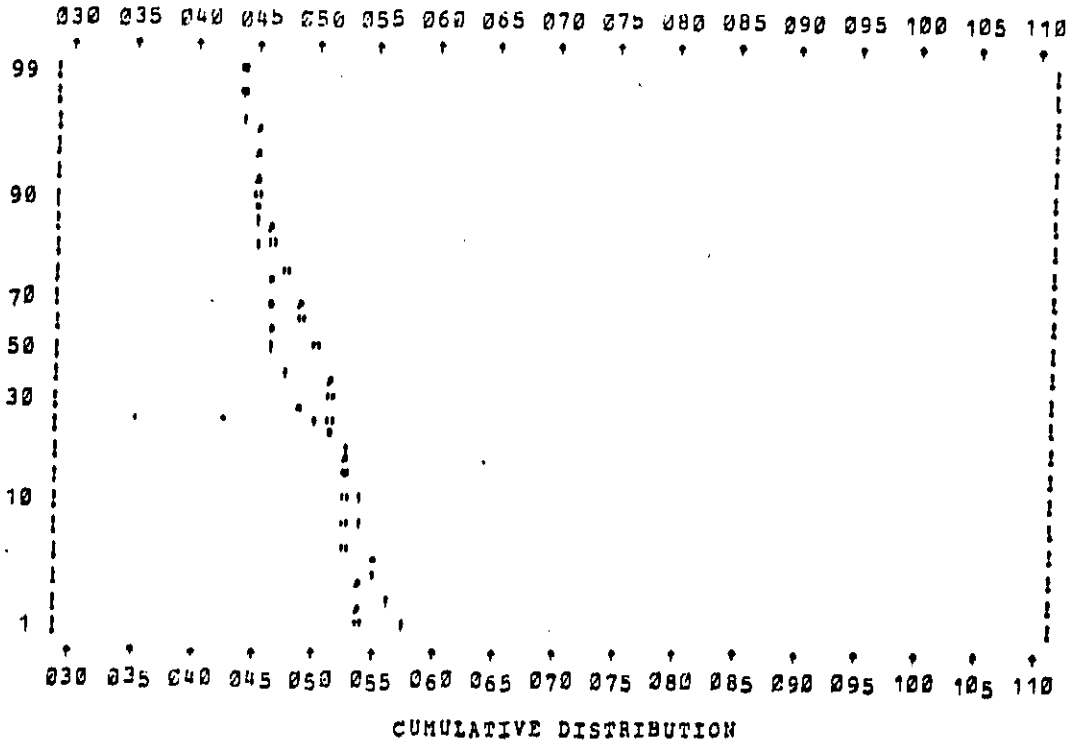
FIGURE B-23(a). DESCRIPTION OF BOSTON SITE 0005

SITE #											
5											
HR	MAX	MIN	NPL	SIG	LEQ	TNI	L1	L3	L5	L10	L20
1	71.3	48.8	55.5	1.2	52.6	29.0	55.8	53.7	53.6	53.2	52.6
2	71.3	48.8	53.9	1.0	51.4	28.3	53.3	52.5	52.4	52.2	51.8
3	65.0	47.5	53.0	1.0	50.5	27.5	52.8	52.2	51.9	51.2	51.0
4	52.5	47.5	50.8	0.6	49.3	24.8	51.1	50.7	50.2	49.9	49.8
5	51.3	45.0	49.9	0.7	48.1	25.1	49.9	49.7	49.5	48.9	48.6
6	68.8	43.8	49.6	1.2	46.5	25.3	50.3	48.0	47.5	47.3	47.0
7	71.3	43.8	48.0	1.1	45.3	22.6	49.2	47.4	46.8	46.1	45.8
8	57.5	42.5	48.5	1.3	45.3	22.5	51.0	48.7	47.2	46.1	45.5
9	63.8	43.8	54.7	2.4	48.5	33.3	56.2	53.7	52.1	49.8	48.3
10	76.3	43.8	59.2	3.2	50.9	39.9	60.5	56.5	54.5	51.4	48.7
11	68.8	43.8	56.5	2.8	49.3	39.4	58.6	55.3	53.6	51.3	49.0
12	71.3	43.8	58.3	3.1	50.3	45.4	59.4	56.8	55.3	53.0	50.4
13	65.0	43.8	55.9	2.7	49.0	39.1	57.7	55.1	53.7	51.3	49.1
14	71.3	43.8	55.8	2.7	48.9	37.9	57.7	55.2	53.5	50.9	48.6
15	72.5	43.8	55.0	2.4	48.8	38.4	56.2	53.8	52.9	51.1	49.1
16	62.5	43.8	52.0	1.9	47.0	30.5	53.8	51.5	50.2	48.5	47.2
17	73.8	42.5	59.6	3.6	50.2	47.0	61.5	56.8	54.7	52.4	49.7
18	80.0	43.8	65.5	4.6	53.7	53.3	65.2	61.6	58.6	54.6	50.1
19	67.5	42.5	50.7	1.7	46.4	25.8	53.4	52.4	48.6	47.1	46.2
20	71.3	43.8	58.2	3.2	50.2	46.4	57.8	55.1	54.4	53.1	51.5
21	63.8	50.0	56.7	1.0	54.2	31.9	57.0	56.1	55.8	55.0	54.8
22	72.5	50.0	56.4	1.0	53.8	31.0	56.6	55.0	54.9	54.7	54.3
23	65.0	50.0	54.9	2.8	53.0	29.6	55.0	54.6	54.2	53.7	53.5
24	65.0	50.0	54.5	0.8	52.5	29.7	54.7	53.7	53.7	53.5	53.2

HR	L30	L42	L50	L60	L70	L80	L90	L95	L97	L99
1	52.3	52.2	52.0	51.8	51.7	51.5	51.3	50.9	50.6	50.2
2	51.5	51.2	51.0	50.8	50.6	50.4	50.2	50.1	50.0	49.5
3	50.8	50.6	50.4	50.2	49.9	49.5	49.1	48.9	48.8	48.8
4	49.6	49.5	49.3	49.1	49.0	48.6	46.3	47.9	47.7	47.6
5	48.4	48.2	48.1	47.9	47.7	47.5	46.9	46.6	46.4	46.3
6	46.7	46.4	46.1	45.8	45.5	45.2	44.6	44.2	44.0	43.8
7	45.4	45.0	44.8	44.6	44.4	44.2	44.0	43.9	43.8	43.8
8	45.0	44.8	44.6	44.5	44.3	44.1	43.9	43.8	43.8	43.8
9	47.5	47.1	46.7	46.4	46.0	45.7	45.3	45.2	45.1	45.0
10	47.6	47.1	46.6	46.2	45.9	45.6	45.3	45.1	45.1	45.0
11	47.9	47.2	46.8	46.3	46.0	45.6	45.3	45.1	45.1	45.0
12	49.1	48.3	47.7	47.2	46.7	46.2	45.5	45.3	45.1	45.0
13	48.1	47.3	46.9	46.5	46.1	45.7	45.3	45.2	45.1	45.0
14	47.7	47.1	46.6	46.2	45.9	45.5	45.2	45.0	44.7	44.1
15	48.3	47.7	47.2	46.8	46.4	45.9	45.3	45.0	44.6	44.0
16	46.6	46.1	45.9	45.6	45.4	45.1	44.6	44.2	44.0	43.8
17	48.1	46.8	46.1	45.6	45.2	44.7	44.2	44.0	43.9	43.8
18	47.5	46.7	46.1	45.9	45.6	45.3	45.1	44.7	44.3	43.9
19	45.9	45.7	45.5	45.3	45.0	44.6	44.2	44.0	43.9	43.8
20	50.2	48.7	47.7	47.0	46.3	45.8	45.3	45.1	45.0	44.2
21	54.5	54.3	54.1	53.8	53.5	53.1	52.8	52.6	52.4	51.6
22	53.9	53.7	53.4	53.2	52.9	52.8	52.6	52.5	52.0	51.5
23	53.3	53.1	53.0	52.8	52.6	52.3	51.7	51.5	51.4	51.3
24	52.9	52.6	52.3	52.1	51.9	51.7	51.4	51.3	51.3	50.7

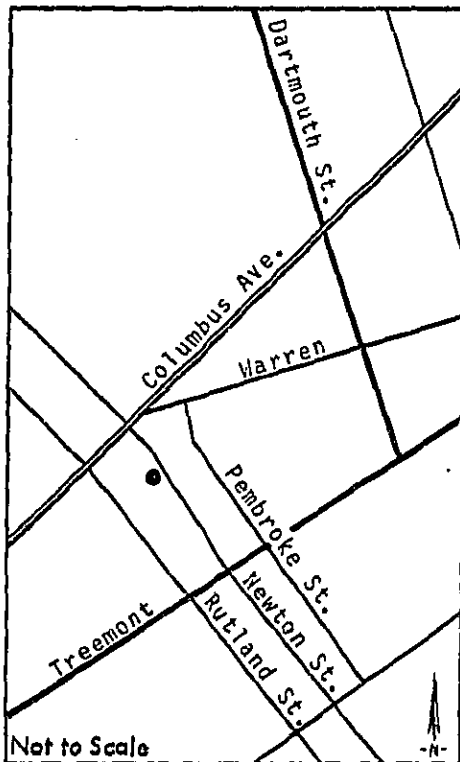
FIGURE B-23(b). HOURLY NOISE DATA FOR BOSTON SITE 0005

SITE # 5



	DAY "L"	NIGHT "N",	WEIGHTING	WEIGHTED LEQ
MAX	80.0	71.3	0.	50.6
MIN	42.5	43.8	8.	55.4
NPL	60.0	57.8	10.	57.0
SIG	3.7	2.8	12.	58.8
LEQ	50.6	50.6		
TNI	51.1	46.2		
L1	56.7	54.3		
L3	55.5	53.6		
L5	54.8	53.4		
L10	53.9	53.0		
L20	52.3	52.3		
L30	49.1	51.7		
L40	47.6	51.0		
L50	46.8	50.2		
L60	46.2	49.3		
L70	45.8	48.3		
L80	45.4	46.9		
L90	44.9	45.3		
L95	44.3	44.5		
L97	44.1	44.2		
L99	43.9	43.9		

FIGURE B-23(c). DAY/NIGHT NOISE DATA FOR BOSTON SITE 0005



L_{DN} :	67.8 dB
ρ :	11,100 $\frac{\text{people}}{\text{sq. mi.}}$

SITE: 0006
 Address: 156 W. Newton
 Boston, MA
 Microphone Height: 4.5 m.
 Distance to Curb: 6.1 m.

ROADWAY TYPE
 At Site: Local
 Vicinity: Collector

TRAFFIC
 At Site: Cars
 Vicinity: Cars, Trucks

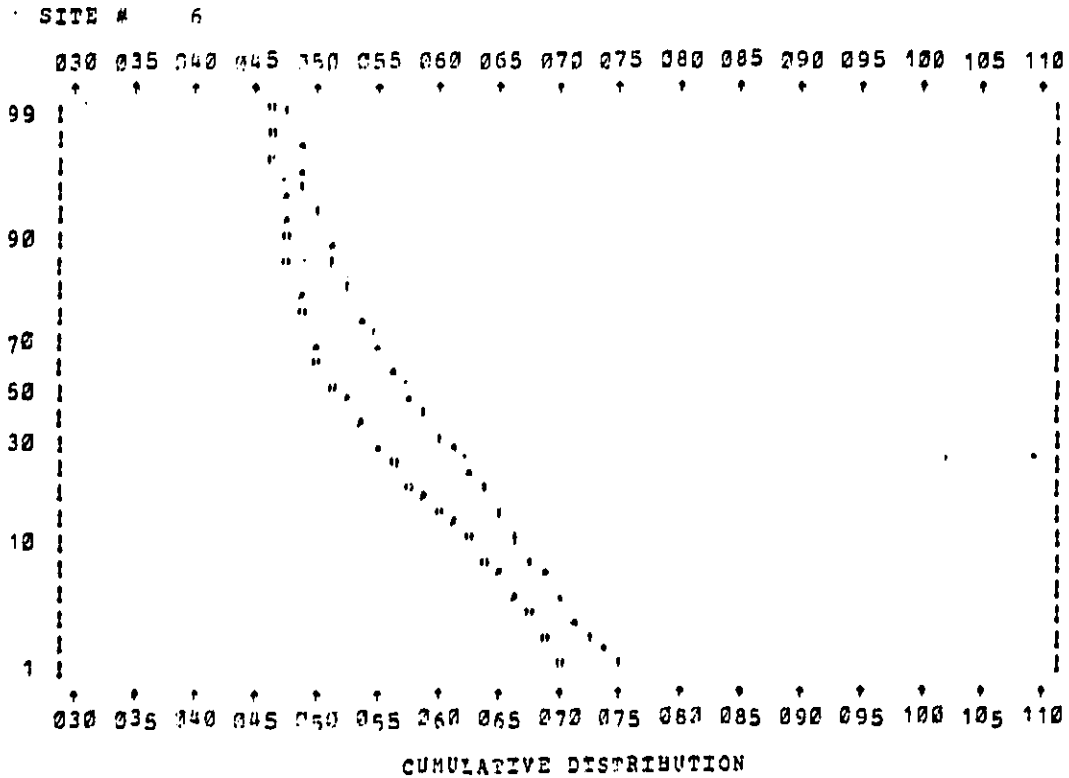
OTHER NOISE SOURCES:

FIGURE B-24(a). DESCRIPTION OF BOSTON SITE 0006

SITE #		6									
HR	MAX	MIN	NPL	SIG	LEQ	TNI	L1	L3	L5	L10	L20
1	78.8	46.3	73.7	5.4	59.8	75.9	70.4	67.8	66.3	63.7	59.6
2	80.0	46.3	74.6	5.6	60.3	77.5	71.2	68.5	66.9	64.1	59.9
3	78.8	46.3	72.6	5.4	58.8	73.0	69.9	67.3	65.6	62.3	57.7
4	90.0	30.0	71.1	5.4	57.4	62.6	69.6	66.1	63.7	58.7	53.9
5	77.5	30.0	64.9	4.2	54.2	42.9	66.9	61.1	57.3	53.1	50.3
6	76.3	30.0	66.8	4.0	55.0	55.8	67.2	63.3	60.7	56.4	52.7
7	78.8	30.0	70.6	5.2	57.2	64.3	69.4	66.2	64.0	58.9	54.1
8	85.0	31.3	80.2	6.9	62.6	86.3	74.9	71.5	69.1	64.9	59.5
9	83.8	45.0	76.4	6.1	60.8	80.8	71.1	68.5	66.9	63.9	60.1
10	82.5	45.0	75.9	6.0	60.6	80.8	71.4	68.7	67.0	64.3	60.2
11	81.3	46.3	74.9	5.6	60.5	78.6	70.8	67.9	66.6	64.4	60.8
12	92.5	31.3	76.2	5.2	62.9	76.5	72.1	69.1	67.9	66.0	63.7
13	96.3	40.8	78.5	5.5	64.5	78.5	72.7	69.9	68.6	66.5	63.8
14	90.0	47.5	78.2	5.6	63.8	78.2	73.6	69.6	68.2	65.8	62.6
15	102.5	30.0	87.1	6.5	70.5	82.9	79.7	73.1	70.5	67.7	64.6
16	100.0	48.0	84.3	6.2	68.5	83.1	79.8	73.8	71.2	68.3	65.3
17	87.5	48.8	79.2	5.6	65.0	79.1	76.3	71.7	69.8	67.4	64.8
18	88.0	52.0	78.5	5.3	64.8	79.4	74.7	71.6	70.1	68.2	65.6
19	88.8	50.0	81.0	5.6	66.5	78.9	79.4	73.1	70.8	68.0	65.1
20	133.7	50.0	88.5	6.5	72.0	85.9	80.5	76.3	73.3	69.5	65.9
21	87.5	48.8	81.0	6.0	65.8	82.3	78.2	73.5	71.3	68.0	64.7
22	91.3	48.8	78.1	5.4	64.2	77.0	73.7	69.8	68.4	66.2	63.3
23	87.5	47.5	78.9	6.0	63.6	82.4	75.2	70.9	69.0	66.7	63.5
24	85.0	47.5	74.8	5.3	61.2	75.9	70.8	68.3	67.1	64.9	61.9

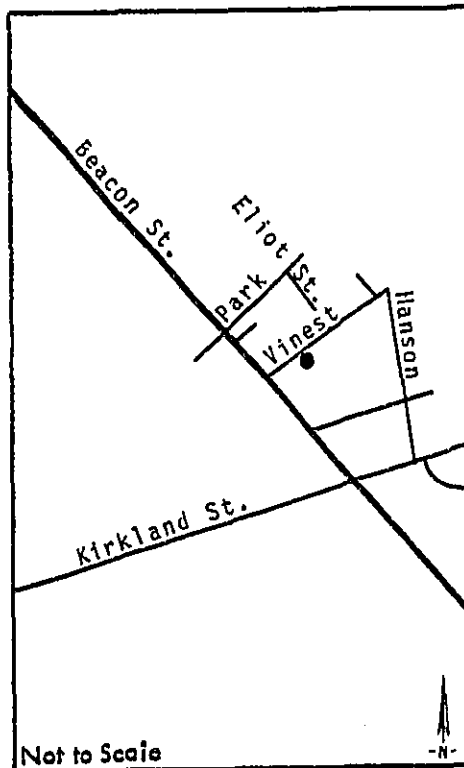
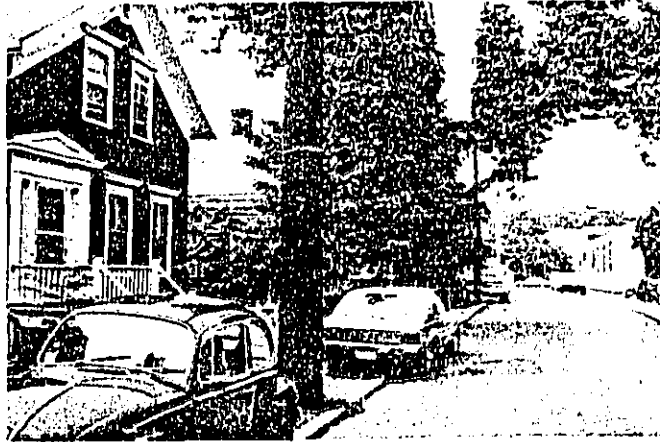
HR	L30	L40	L50	L60	L70	L80	L90	L95	L97	L99
1	56.7	54.8	53.4	52.3	51.3	50.5	49.6	49.0	48.8	47.9
2	57.0	55.0	53.7	52.7	51.7	50.7	49.6	49.0	48.7	47.9
3	54.9	53.2	52.1	51.0	50.1	49.4	48.7	48.1	47.8	47.6
4	52.0	50.8	49.4	49.2	48.5	48.0	47.4	46.7	46.4	41.7
5	49.0	48.4	48.0	47.6	47.2	46.8	46.5	46.3	45.7	45.1
6	50.5	49.4	48.6	48.2	47.7	47.2	46.7	46.4	46.3	45.4
7	51.9	50.5	49.6	48.8	48.3	47.8	47.1	46.6	46.4	46.3
8	55.9	53.5	51.9	50.7	49.7	48.7	47.8	47.1	46.8	46.4
9	56.9	54.8	53.0	51.6	50.4	49.4	48.3	47.7	47.2	46.5
10	57.1	54.9	53.4	52.1	50.9	49.8	48.8	48.0	47.7	47.0
11	57.7	55.5	53.9	52.7	51.7	50.7	49.6	49.0	48.8	47.9
12	61.9	60.2	58.7	57.2	55.7	54.1	52.5	51.5	50.9	49.9
13	61.7	59.8	58.1	56.6	55.2	53.8	52.5	51.5	51.1	50.3
14	60.3	58.3	56.6	55.2	54.0	52.9	51.7	50.8	50.3	49.5
15	62.1	59.9	58.1	56.6	55.2	53.9	52.6	51.6	51.2	50.2
16	62.9	62.9	59.2	57.6	56.2	54.8	53.4	52.5	51.9	51.3
17	62.8	61.0	59.4	57.9	56.5	55.1	53.5	52.4	51.8	50.9
18	63.4	61.4	59.7	58.3	57.0	55.8	54.5	53.6	53.0	52.1
19	62.7	60.7	59.1	57.9	56.8	55.7	54.4	53.8	53.1	52.5
20	63.4	61.2	59.4	57.9	56.5	55.4	54.1	53.2	52.7	51.8
21	62.4	60.6	58.4	57.2	55.9	54.6	53.3	52.4	51.8	51.0
22	60.7	58.6	57.0	55.7	54.6	53.6	52.6	51.8	51.5	50.7
23	60.8	56.7	56.1	55.2	53.9	52.7	51.5	50.7	50.3	49.6
24	59.2	57.0	55.4	54.3	53.3	52.3	51.2	50.4	50.1	49.2

FIGURE B-24(b). HOURLY NOISE DATA FOR BOSTON SITE 0006



	DAY "L"	NIGHT "N"	WEIGHTING	WEIGHTED LEQ
MAX	103.7	90.0	0.	64.8
MIN	30.2	37.0	8.	66.8
NPL	82.4	74.9	10.	67.8
SIG	5.3	6.0	12.	69.0
LEQ	66.3	59.5		
TNI	84.5	78.7		
L1	76.1	70.7		
L3	71.2	67.6		
L5	69.4	66.0		
L10	66.9	62.8		
L20	63.9	58.7		
L30	61.3	55.2		
L40	59.2	53.3		
L50	57.4	51.9		
L60	55.9	50.6		
L70	54.4	49.5		
L80	52.9	48.4		
L90	51.0	47.5		
L95	49.4	46.8		
L97	48.7	46.5		
L99	47.6	46.1		

FIGURE B-24(c). DAY/NIGHT NOISE DATA FOR BOSTON SITE 0006



L_{DN} :	61.7 dB
ρ :	5,800 $\frac{\text{people}}{\text{sq. mi.}}$

SITE: 0007
 Address: 88 Propezio Way
 Somerville, MA
 Microphone Height: 1.5 m.
 Distance to Curb: 4.6 m.

ROADWAY TYPE
 At Site: Local
 Vicinity: Collector

TRAFFIC
 At Site: Cars
 Vicinity: Cars

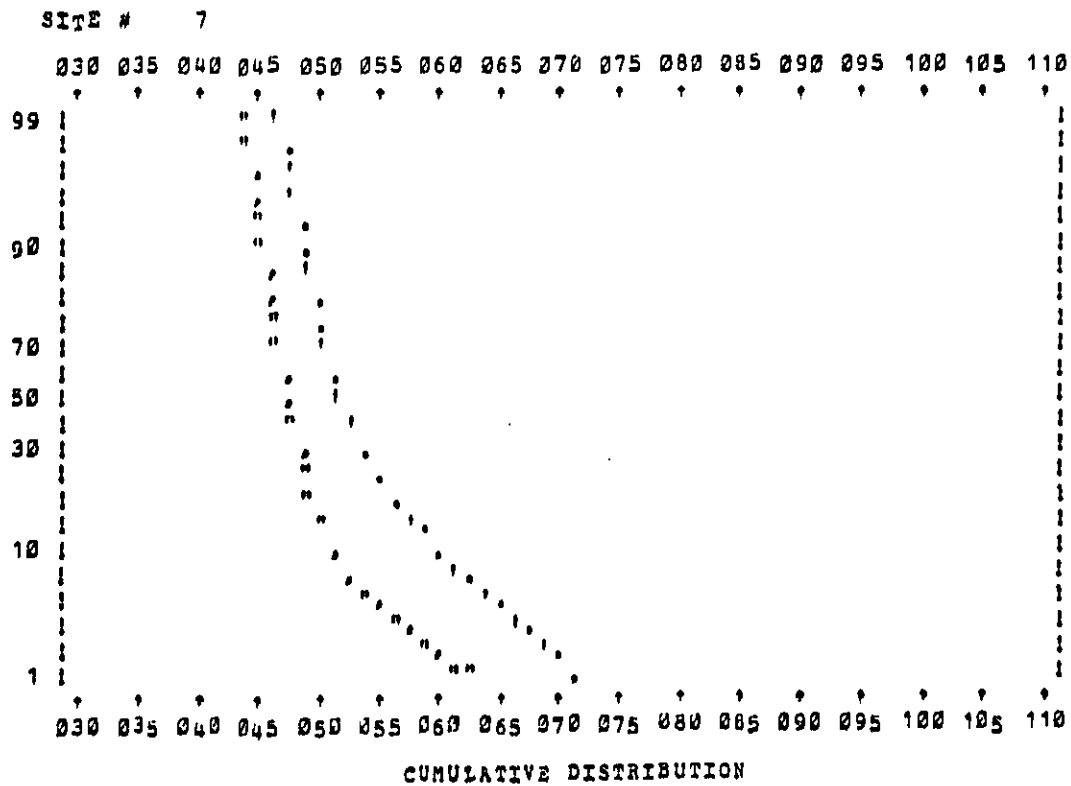
OTHER NOISE SOURCES:

FIGURE B-25(a). DESCRIPTION OF BOSTON SITE 0007

SITE #		7									
HR	MAX	MIN	NPL	SIG	LEQ	TNI	L1	L3	L5	L10	L20
1	77.5	45.0	58.1	2.6	51.4	31.3	61.2	54.7	52.3	50.2	49.0
2	78.8	43.8	62.4	3.6	53.2	41.0	64.7	58.5	55.7	52.5	49.5
3	60.0	43.8	49.9	1.1	47.1	25.9	51.1	49.5	48.7	48.2	47.4
4	63.8	43.8	50.1	1.2	47.3	26.6	51.1	49.3	48.6	48.2	47.4
5	77.5	42.5	54.5	2.3	48.7	31.9	54.6	51.1	50.2	48.7	47.5
6	77.5	42.5	57.1	2.8	50.3	35.5	59.1	53.2	51.1	49.7	48.6
7	90.0	42.5	74.2	5.6	59.8	61.4	73.4	65.1	61.5	56.8	51.5
8	81.3	43.8	74.0	5.6	59.7	71.6	72.4	68.4	65.9	61.7	56.8
9	82.5	45.0	74.3	5.5	60.1	68.7	73.1	69.0	66.6	61.4	56.3
10	90.0	45.0	75.8	5.8	61.0	71.0	73.5	69.4	66.4	61.5	56.8
11	86.3	45.0	75.1	5.4	61.4	68.3	72.8	67.5	65.0	61.4	56.5
12	87.5	45.0	73.9	5.3	60.4	63.9	72.4	66.8	63.9	59.8	56.0
13	86.3	45.0	71.8	4.8	59.4	58.7	71.7	66.2	62.8	58.6	55.1
14	82.5	46.3	69.0	4.3	57.9	52.8	70.3	65.1	61.6	57.4	54.3
15	88.8	46.3	70.5	4.3	59.6	58.4	70.3	66.0	63.7	60.3	57.2
16	83.8	47.5	71.3	4.5	59.9	55.8	72.4	67.1	64.2	59.4	56.0
17	91.3	47.5	74.7	5.1	61.7	64.2	73.7	67.7	64.7	61.1	57.3
18	88.8	45.0	77.6	5.6	62.7	70.4	75.4	69.4	66.5	61.8	57.2
19	81.3	43.8	73.3	5.5	59.2	73.0	70.8	67.4	65.4	61.9	57.8
20	83.8	43.8	71.3	5.2	57.9	67.5	69.1	65.6	63.3	59.7	55.8
21	82.5	46.3	61.1	2.9	53.7	41.4	63.9	59.2	57.3	54.6	52.5
22	83.8	45.0	65.1	3.7	55.6	48.7	66.5	60.1	57.8	55.4	52.1
23	77.5	46.3	63.2	3.5	54.3	42.7	67.1	60.6	57.9	53.7	51.7
24	81.3	45.0	62.2	3.2	54.0	37.3	65.0	57.4	54.4	51.9	50.2

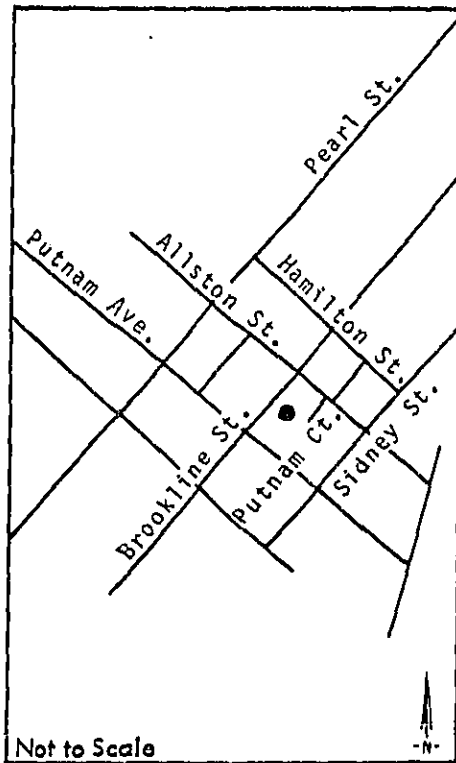
HR	L30	L40	L50	L60	L70	L80	L90	L95	L97	L99
1	40.5	48.2	47.8	47.5	47.2	46.9	46.5	46.4	46.3	46.3
2	46.4	47.8	47.4	47.1	46.8	46.6	46.3	45.8	45.5	45.2
3	47.3	47.1	46.9	46.7	46.5	46.3	45.7	45.3	45.2	45.1
4	47.2	47.0	46.7	46.5	46.3	45.8	45.3	45.1	45.0	44.3
5	46.8	46.2	45.9	45.6	45.2	44.9	44.3	44.0	43.9	43.8
6	48.0	47.4	46.8	46.2	45.7	45.2	44.5	44.1	43.9	43.8
7	49.6	46.6	47.9	47.2	46.6	46.0	45.3	44.8	44.4	43.9
8	54.1	52.5	51.5	50.8	50.0	49.3	48.4	47.7	47.2	46.3
9	53.7	52.3	51.4	50.8	50.2	49.6	48.9	48.3	48.0	47.6
10	54.4	52.8	51.7	50.8	50.0	49.2	48.4	47.8	47.6	46.7
11	53.8	52.5	51.7	51.0	50.5	49.9	49.1	48.8	48.3	47.7
12	53.3	51.9	51.0	50.4	49.8	49.2	48.5	47.9	47.7	47.2
13	53.4	52.2	51.3	50.7	50.1	49.4	48.5	47.8	47.6	46.7
14	52.8	52.0	51.2	50.7	50.1	49.6	49.0	48.5	48.1	47.6
15	55.7	54.6	53.8	53.1	52.4	51.7	50.9	50.3	50.1	49.2
16	54.6	53.7	53.0	52.4	51.8	51.3	50.6	50.2	50.0	49.2
17	55.2	53.7	52.8	52.0	51.4	50.7	50.0	49.4	49.1	48.8
18	54.9	53.4	52.3	51.3	50.5	49.7	48.9	48.3	47.9	47.5
19	55.3	53.6	52.3	51.1	50.2	49.3	48.2	47.6	47.0	46.4
20	53.4	51.9	50.7	49.7	48.9	48.1	47.2	46.5	46.3	45.4
21	51.7	51.1	50.8	50.4	50.1	49.6	49.1	48.8	48.4	47.8
22	50.9	50.2	49.7	49.2	48.8	48.2	47.7	47.2	46.8	46.4
23	50.8	50.2	49.7	49.4	49.0	48.6	48.0	47.7	47.6	47.0
24	49.5	48.8	48.4	48.1	47.7	47.3	46.8	46.5	46.4	46.3

FIGURE B-25(b). HOURLY NOISE DATA FOR BOSTON SITE 0007



	DAY	NIGHT	WEIGHTING	WEIGHTED LEQ
MAX	91.3	90.0	0.	58.4
MIN	43.8	42.5	8.	60.6
NPL	72.9	62.5	10.	61.7
STG	5.1	3.4	12.	63.0
LEQ	59.8	53.7		
THI	63.3	38.2		
L1	71.8	63.7		
L3	66.9	57.0		
L5	64.1	53.9		
L10	59.9	51.1		
L20	55.9	49.5		
L30	53.9	48.5		
L40	52.6	47.9		
L50	51.7	47.4		
L60	50.9	47.0		
L70	50.3	46.6		
L80	49.5	46.2		
L90	48.7	45.4		
L95	47.9	44.9		
L97	47.6	44.4		
L99	46.7	44.0		

FIGURE B-25(c). DAY/NIGHT NOISE DATA FOR BOSTON SITE 0007



L_{DN} :	65.2 dB
ρ :	10,100 $\frac{\text{people}}{\text{sq. mi.}}$

SITE: 0008
 Address: 268 Brookline
 Cambridge, MA
 Microphone Height: 9.1 m.
 Distance to Curb: 18.2 m.

ROADWAY TYPE
 At Site: Local
 Vicinity: Local

TRAFFIC
 At Site: Cars
 Vicinity: Cars

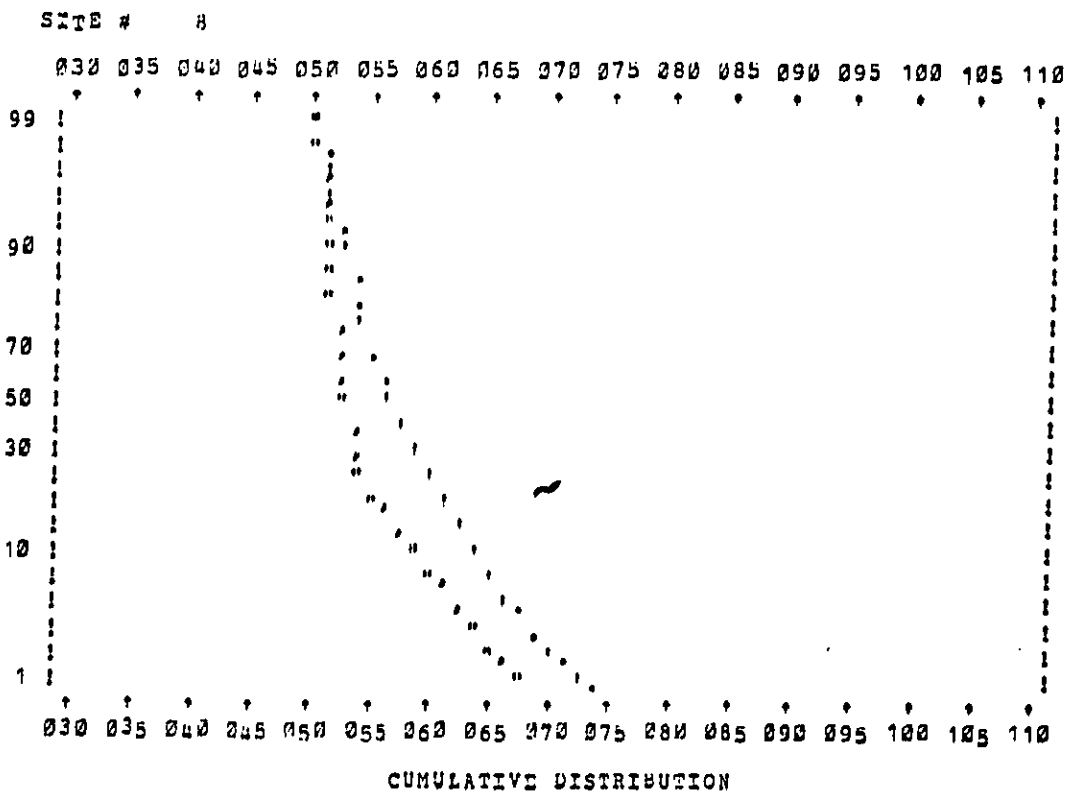
OTHER NOISE SOURCES:

FIGURE 3-26(a). DESCRIPTION OF BOSTON SITE 0008

SITE #		R									
HR	MAX	MIN	NPL	SIG	LEQ	THI	L1	L3	L5	L10	L20
1	81.3	48.8	57.8	3.8	58.1	57.0	67.4	64.0	62.6	60.5	57.6
2	81.3	48.8	68.8	4.0	58.5	55.0	69.8	65.2	63.0	59.7	55.7
3	79.8	48.8	64.9	3.2	56.7	42.9	67.4	63.4	61.0	56.8	54.2
4	77.5	48.8	61.5	2.6	54.8	36.0	64.9	60.9	58.3	55.2	53.5
5	76.3	50.0	60.4	2.3	54.6	34.6	64.0	58.6	56.3	54.7	53.6
6	77.5	48.8	59.1	1.9	54.3	33.5	61.1	56.0	55.0	54.5	53.6
7	77.5	50.0	63.0	2.7	56.0	40.7	66.2	61.5	59.4	56.5	54.6
8	80.0	50.0	69.0	3.9	59.1	57.4	70.5	65.7	63.7	61.3	58.2
9	92.5	48.8	78.7	5.5	64.6	72.3	77.1	71.4	68.5	64.9	62.1
10	83.8	47.5	75.7	5.3	62.2	74.8	72.4	69.1	67.5	64.9	62.3
11	83.8	47.5	71.7	4.6	59.9	66.7	69.4	66.5	64.9	62.6	60.0
12	88.8	47.5	74.6	5.0	61.8	69.3	73.1	68.7	66.4	63.6	61.0
13	88.8	47.5	76.6	5.2	63.2	71.0	74.6	69.1	67.0	64.0	61.2
14	81.3	48.8	72.1	4.4	60.8	64.8	70.9	67.0	65.3	63.1	60.7
15	90.0	48.8	73.6	4.6	61.8	66.4	71.7	67.5	66.0	63.5	60.7
16	83.8	48.8	75.6	4.9	63.1	69.4	74.8	69.6	67.4	64.9	62.4
17	87.5	50.0	73.4	4.4	62.0	65.0	72.4	68.0	66.1	63.9	61.8
18	85.3	50.0	77.1	4.8	64.7	68.2	77.0	72.0	69.0	65.7	62.9
19	87.5	51.3	71.6	3.7	62.0	60.1	70.7	66.9	65.5	63.6	61.7
20	83.8	51.3	72.0	4.1	61.6	59.6	73.7	67.5	65.5	62.9	60.5
21	87.5	50.0	77.7	5.0	64.8	70.5	77.1	72.3	69.6	65.9	62.3
22	86.3	48.8	74.6	4.8	62.4	67.5	73.4	69.0	66.6	64.0	61.3
23	87.5	48.8	73.4	4.8	61.0	66.2	72.8	67.6	65.3	62.6	59.8
24	86.3	47.5	72.2	4.9	59.7	67.1	70.0	67.1	65.2	62.2	59.0

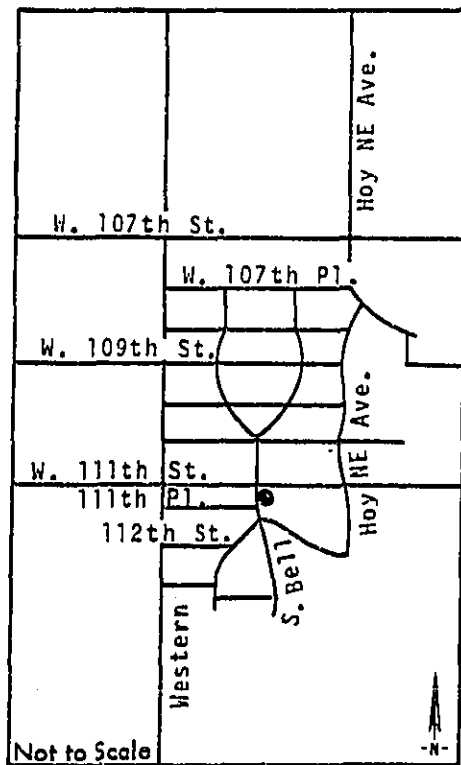
HR	L30	L40	L50	L60	L70	L80	L90	L95	L97	L99
1	55.4	54.0	53.4	53.0	52.5	52.1	51.6	51.4	51.3	50.5
2	53.8	53.1	52.5	52.2	51.9	51.6	51.3	50.9	50.5	50.2
3	53.5	53.1	52.7	52.3	52.0	51.7	51.4	51.3	51.1	50.4
4	53.0	52.5	52.3	52.0	51.8	51.6	51.3	51.0	50.6	50.2
5	53.2	52.8	52.4	52.1	51.9	51.6	51.4	51.2	50.7	50.2
6	53.3	53.0	52.7	52.4	52.1	51.8	51.5	51.3	51.1	50.4
7	53.8	53.5	53.2	52.9	52.6	52.2	51.7	51.5	51.4	51.3
8	56.2	55.2	54.6	54.1	53.6	53.1	52.6	52.1	51.8	51.4
9	60.3	58.5	56.8	55.4	54.3	53.3	52.4	51.7	51.4	50.6
10	60.7	59.2	57.5	56.0	54.5	53.1	51.6	50.7	50.2	49.3
11	58.3	56.7	55.3	54.1	53.1	52.2	51.3	50.4	50.1	49.2
12	59.1	57.5	56.1	54.8	53.7	52.7	51.7	51.1	50.6	50.1
13	59.5	57.9	56.5	55.1	53.8	52.8	51.7	51.1	50.6	50.0
14	58.9	57.3	56.0	55.0	54.3	53.5	52.6	51.8	51.5	50.7
15	58.7	57.2	56.0	55.0	54.2	53.4	52.5	51.7	51.4	50.6
16	60.6	58.9	57.4	56.3	55.3	54.4	53.3	52.6	52.1	51.4
17	60.0	58.5	57.3	56.2	55.2	54.3	53.4	52.7	52.5	51.6
18	61.2	59.8	58.7	57.7	56.8	55.9	54.8	54.1	53.7	52.7
19	60.3	59.1	58.2	57.2	56.4	55.6	54.8	54.2	54.0	53.5
20	58.9	57.8	56.8	56.0	55.3	54.6	54.0	53.5	53.1	52.7
21	60.4	59.1	58.0	57.0	56.2	55.3	54.3	53.8	53.2	52.6
22	59.6	58.1	56.8	55.7	54.7	53.8	52.8	52.1	51.7	50.9
23	57.8	56.1	54.7	53.6	52.8	52.1	51.4	50.8	50.5	50.2
24	56.5	54.5	53.3	52.4	51.8	51.2	50.5	50.2	50.0	49.3

FIGURE B-26(b). HOURLY NOISE DATA FOR BOSTON SITE 0008



	DAY ".",	NIGHT "*",	WEIGHTING	WEIGHTED LEQ
MAX	92.5	87.5	0.	61.3
MIN	47.5	47.5	8.	64.0
NPL	75.0	67.1	10.	65.2
SIG	4.8	3.7	12.	66.6
LEQ	62.6	57.7		
THI	68.0	52.1		
L1	73.3	68.5		
L3	68.8	64.1		
L5	66.7	62.1		
L10	64.0	59.0		
L20	61.4	55.4		
L30	59.7	53.9		
L40	58.2	53.3		
L50	56.9	52.9		
L60	55.8	52.4		
L70	54.8	52.1		
L80	53.8	51.7		
L90	52.7	51.4		
L95	51.8	51.0		
L97	51.4	50.6		
L99	50.4	50.1		

FIGURE B-26(c). DAY/NIGHT NOISE DATA FOR BOSTON SITE 0008



L_{DN} : 71.2 dB
 ρ : 6,600 $\frac{\text{people}}{\text{sq. mi.}}$

SITE: 0502
 Address: 2203 111th
 Chicago, IL
 Microphone Height: 4.6 m.
 Distance to Curb: 1.7 m.

ROADWAY TYPE
 At Site: Arterial
 Vicinity: Collector

TRAFFIC
 At Site: Cars, Trucks, Buses
 Vicinity: Cars, Buses

OTHER NOISE SOURCES:

FIGURE 3-27(a). DESCRIPTION OF CHICAGO SITE 0502

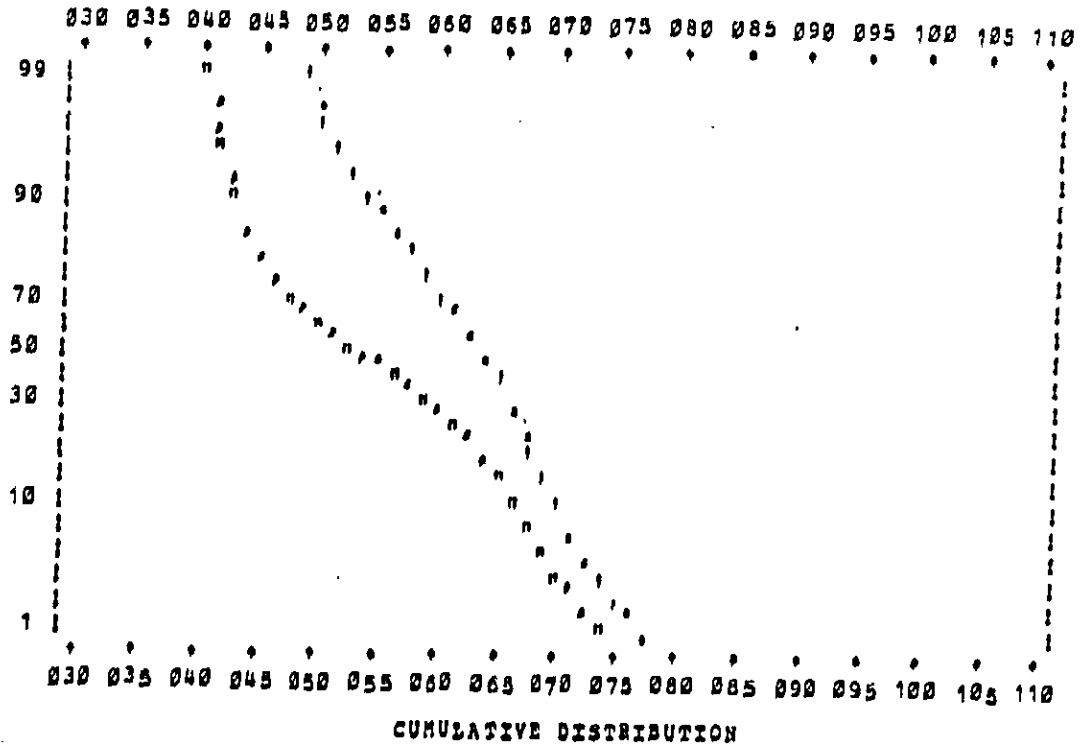
SITE # 502

HR	MAX	MIN	NPL	SIG	LEQ	TNI	L1	L3	L5	L10	L20
1	87.5	40.0	81.5	7.3	62.8	92.4	72.6	68.7	67.4	65.3	62.4
2	81.3	40.0	81.9	8.0	61.3	97.0	74.0	68.6	66.8	64.2	60.3
3	90.0	38.8	84.1	8.3	62.8	92.7	72.6	68.0	65.3	61.8	56.5
4	81.3	38.8	72.0	6.6	55.1	71.7	67.9	64.2	61.6	55.9	49.4
5	82.5	38.8	80.2	7.8	60.1	91.6	72.3	67.7	65.3	62.0	57.0
6	90.0	40.0	86.6	8.2	65.5	101.0	76.6	71.0	69.4	66.9	64.0
7	91.3	45.0	86.5	7.0	68.6	95.6	78.9	75.3	73.2	71.2	69.3
8	88.8	46.3	85.5	6.5	68.9	92.3	78.4	74.8	73.4	71.7	70.1
9	90.0	45.0	84.4	6.2	68.5	87.4	76.5	75.5	73.7	71.3	69.1
10	93.8	45.0	84.6	6.4	68.1	89.4	78.4	74.7	72.6	70.2	67.8
11	86.3	43.8	82.2	6.2	66.4	86.0	76.7	72.8	71.2	69.3	67.2
12	87.5	47.5	86.2	6.6	68.4	91.7	80.6	75.6	73.5	70.6	67.9
13	87.5	46.3	82.6	5.8	67.7	84.5	77.5	74.4	72.8	70.4	68.1
14	87.5	46.3	82.6	6.1	67.1	85.5	77.9	74.2	72.0	69.5	67.3
15	96.3	47.5	84.6	6.0	69.2	84.8	79.8	75.2	73.1	70.2	67.8
16	87.5	47.5	82.2	5.6	67.8	83.2	77.4	74.0	72.4	70.5	68.5
17	95.0	45.0	83.1	5.6	68.6	82.4	78.1	74.6	73.1	71.1	69.3
18	101.2	47.5	84.4	5.4	70.6	78.9	80.8	75.8	73.6	71.2	69.3
19	87.5	46.3	81.5	5.9	66.5	85.3	75.3	72.4	71.2	69.6	67.8
20	92.5	45.0	83.2	6.4	66.0	89.2	76.8	72.6	71.1	69.3	67.3
21	96.3	45.0	83.1	6.0	67.8	83.2	75.4	70.6	69.3	67.8	65.9
22	80.0	45.0	78.2	5.0	63.3	82.1	72.6	69.3	68.1	66.6	64.8
23	86.3	43.8	81.5	6.8	64.1	91.3	73.3	70.6	69.3	67.3	65.1
24	86.3	42.5	80.9	6.8	63.4	90.8	72.9	69.5	68.4	66.8	64.5

HR	L30	L40	L50	L60	L70	L80	L90	L95	L97	L99
1	59.7	56.9	54.6	52.5	50.6	48.4	46.2	44.7	44.0	42.9
2	56.2	53.2	50.8	48.4	46.4	44.7	43.3	42.7	42.3	41.6
3	51.6	47.7	45.3	43.9	43.0	42.2	41.5	41.0	40.6	40.2
4	45.5	43.8	42.9	42.2	41.7	41.3	40.6	40.3	40.2	40.0
5	52.9	49.9	47.7	45.8	44.3	43.2	42.1	41.5	41.3	40.5
6	61.1	58.2	55.6	52.9	50.5	48.1	45.6	44.2	43.4	42.2
7	67.7	66.1	64.3	62.2	59.7	56.7	53.1	51.0	50.0	48.5
8	68.8	67.5	65.9	64.1	62.1	59.4	54.8	51.9	50.7	49.2
9	67.5	66.1	64.7	63.2	61.5	59.2	55.9	52.5	50.8	48.8
10	66.1	64.7	63.2	61.6	59.5	57.1	53.8	51.4	50.0	48.3
11	65.8	64.4	63.0	61.3	59.2	56.7	53.4	51.2	49.7	47.7
12	66.2	64.7	63.0	61.2	58.7	56.6	53.6	52.2	51.1	50.1
13	66.6	65.4	64.2	62.9	61.2	59.0	55.7	53.2	51.9	49.5
14	65.8	64.4	63.0	61.5	59.7	57.5	54.2	51.7	50.6	49.1
15	66.4	65.0	63.6	62.5	60.9	58.7	55.3	52.9	51.8	50.1
16	67.2	66.0	64.8	63.4	61.8	59.8	56.2	53.5	52.1	50.3
17	67.9	66.7	65.4	64.1	62.6	60.5	57.3	54.6	52.8	49.7
18	68.0	66.8	65.7	64.4	63.0	61.2	58.6	56.2	54.7	52.6
19	66.4	65.1	63.5	61.9	60.1	57.7	54.4	51.7	50.7	49.2
20	65.8	64.3	62.7	60.7	58.7	56.1	52.7	50.5	49.4	47.8
21	64.5	63.0	61.5	59.9	57.9	55.6	52.6	50.6	49.6	47.9
22	63.4	62.0	60.3	58.4	56.3	54.1	51.4	49.7	48.7	47.5
23	63.3	61.6	59.8	57.8	55.5	52.5	49.3	47.4	46.6	45.5
24	62.3	60.3	58.2	56.1	53.9	51.5	48.8	46.9	45.9	44.4

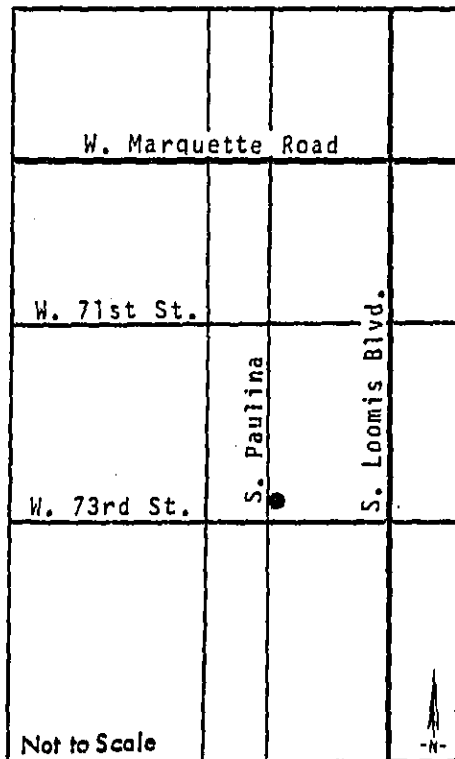
FIGURE B-27(b). HOURLY NOISE DATA FOR CHICAGO SITE 0502

SITE # 502



	DAY "L"	NIGHT "N"	WEIGHTING	WEIGHTED LEQ
MAX	101.2	91.3	0.	66.8
MIN	43.8	38.8	8.	69.9
MFL	83.8	87.5	10.	71.2
STD	6.2	9.1	12.	72.7
LEQ	68.0	63.9		
TMI	87.7	109.3		
L1	77.7	74.6		
L3	74.0	70.7		
L5	72.3	69.2		
L10	70.2	66.7		
L20	68.1	63.3		
L30	66.5	60.2		
L40	65.1	57.0		
L50	63.7	53.7		
L60	62.2	50.7		
L70	60.3	47.7		
L80	57.8	44.7		
L90	54.3	42.5		
L95	51.8	41.6		
L97	50.5	41.2		
L99	48.7	40.4		

FIGURE B-27(c). DAY/NIGHT NOISE DATA FOR CHICAGO SITE 0502



L_{DN} :	60.6 dB
ρ :	12,900 $\frac{\text{people}}{\text{sq.mi.}}$

SITE: 0503
 Address: 721 S. Paulina
 Chicago, IL
 Microphone Height: 4.6 m.
 Distance to Curb: 7.6 m.

ROADWAY TYPE

At Site: Local
 Vicinity: Collector

TRAFFIC

At Site: Cars, Trucks
 Vicinity: Cars, Trucks

OTHER NOISE SOURCES:

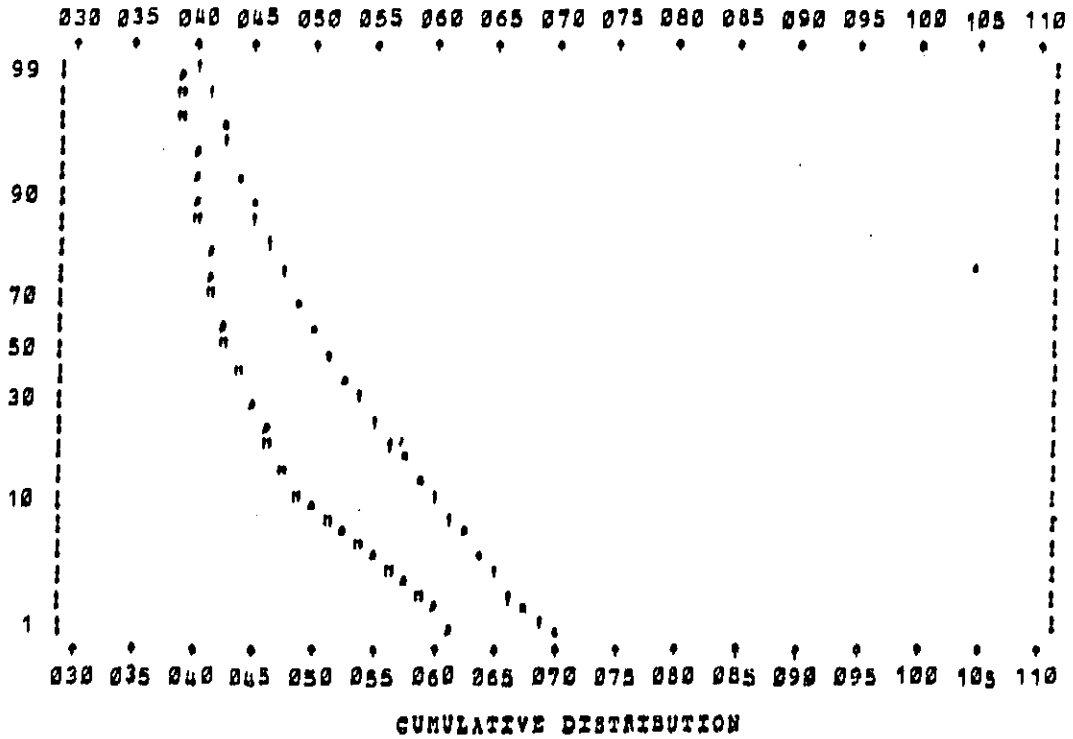
FIGURE B-28(a). DESCRIPTION OF CHICAGO SITE 0503

SITE # 503											
HR	MAX	MIN	NPL	SIG	LEQ	TNI	L1	L3	L5	L10	L20
1	83.8	38.8	69.8	5.8	54.9	58.6	69.0	62.4	58.5	52.8	48.2
2	67.5	37.5	50.2	2.4	44.0	28.0	53.0	47.8	46.1	44.7	43.5
3	66.3	36.3	54.2	3.4	45.5	36.0	57.8	51.5	48.2	46.1	44.3
4	77.5	36.3	53.4	2.9	46.0	26.2	54.0	47.6	45.6	43.2	41.6
5	61.3	36.3	50.7	2.8	43.4	37.0	50.8	49.1	48.0	45.1	44.5
6	72.5	37.5	57.0	3.5	47.9	44.3	56.7	53.2	51.8	49.6	47.5
7	76.3	40.0	64.3	4.6	52.6	51.9	65.5	59.6	57.2	52.9	49.2
8	81.3	41.3	66.7	4.9	54.0	60.0	63.6	61.2	59.9	57.6	54.1
9	78.3	37.5	68.6	5.9	53.5	68.5	65.3	61.6	59.3	55.7	52.3
10	77.5	36.3	69.9	6.0	54.5	66.7	67.0	61.2	59.2	54.6	49.4
11	87.5	41.3	68.4	5.2	55.1	63.5	65.9	61.8	59.8	56.3	52.2
12	92.5	42.5	71.4	5.1	58.4	65.1	69.2	64.2	62.2	59.1	55.0
13	96.3	43.8	77.1	5.6	62.7	69.1	72.3	67.1	64.5	60.5	55.9
14	96.3	43.8	82.0	7.0	64.8	85.5	77.3	71.9	68.8	64.6	60.2
15	88.8	45.0	73.5	5.3	60.0	72.3	69.9	65.9	64.3	62.4	60.3
16	80.0	45.0	69.7	4.8	57.3	68.7	66.0	63.9	62.8	60.9	58.5
17	86.3	45.0	71.0	5.1	58.8	68.9	69.5	66.0	64.2	61.2	57.7
18	97.5	45.0	78.4	5.3	64.7	88.6	74.3	67.8	65.3	62.2	59.1
19	93.8	43.8	75.5	5.4	61.6	70.8	70.7	66.3	64.5	61.4	57.7
20	85.0	41.3	70.7	5.1	57.8	66.1	69.2	64.5	62.5	59.6	56.2
21	90.0	41.3	74.3	5.8	59.4	71.5	69.8	64.7	62.5	59.3	55.4
22	82.5	40.0	73.6	6.5	57.0	77.7	68.5	64.7	62.7	59.3	54.9
23	76.3	40.0	62.4	4.5	50.9	53.0	63.0	58.2	55.8	52.4	49.0
24	88.8	38.8	78.0	5.5	56.0	63.4	64.3	60.5	58.5	54.6	48.7

HR	L30	L40	L50	L60	L70	L80	L90	L95	L97	L99
1	46.0	44.4	43.4	42.6	42.1	41.5	40.9	40.4	40.2	40.0
2	42.8	42.3	41.9	41.6	41.2	40.7	40.3	40.1	39.8	39.1
3	42.9	42.2	41.6	41.1	40.7	40.2	39.5	39.1	38.9	38.6
4	40.9	40.5	40.1	39.8	39.5	39.2	38.9	38.4	38.1	37.7
5	43.1	42.2	41.5	40.9	40.4	39.8	39.2	38.9	38.8	37.9
6	46.3	45.3	44.4	43.7	43.0	42.3	41.4	40.6	40.2	39.5
7	47.5	46.4	45.7	45.0	44.5	44.0	43.3	42.8	42.6	42.0
8	51.7	50.1	48.9	47.8	46.8	45.8	44.8	44.0	43.7	42.8
9	49.9	47.4	45.7	44.5	43.5	42.6	41.5	40.6	40.2	39.2
10	46.9	45.3	44.1	43.1	42.3	41.5	40.5	40.0	39.5	38.9
11	49.9	48.4	47.3	46.3	45.5	44.7	43.9	43.2	42.9	42.6
12	52.9	51.4	50.3	49.4	48.6	47.9	47.1	46.4	45.8	44.9
13	53.5	52.0	50.9	50.0	49.2	48.4	47.6	47.0	46.6	46.3
14	57.3	55.0	53.2	51.7	50.2	48.9	47.6	46.8	46.4	45.6
15	50.6	56.9	55.1	53.5	52.1	50.7	49.1	48.1	47.7	46.7
16	56.5	54.9	53.5	52.2	50.9	49.7	48.4	47.6	47.1	46.4
17	55.5	54.0	52.8	51.8	50.8	49.8	48.7	47.8	47.5	46.6
18	57.0	55.5	54.3	53.3	52.3	51.3	50.1	49.1	48.5	47.5
19	55.5	53.8	52.5	51.3	50.3	49.3	48.2	47.6	47.1	46.4
20	54.2	52.7	51.4	50.3	49.4	48.4	47.4	46.6	46.3	45.3
21	52.8	50.9	49.5	48.3	47.3	46.3	45.2	44.4	44.0	43.3
22	51.8	49.4	47.4	46.0	44.9	44.1	43.2	42.6	42.3	41.5
23	47.2	46.1	45.2	44.5	43.7	43.1	42.3	41.7	41.4	40.8
24	46.5	45.2	44.3	43.5	43.0	42.4	41.7	41.4	41.1	40.4

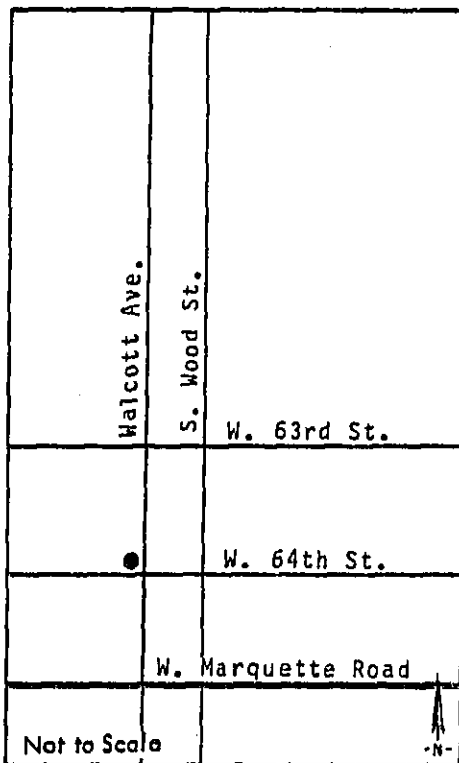
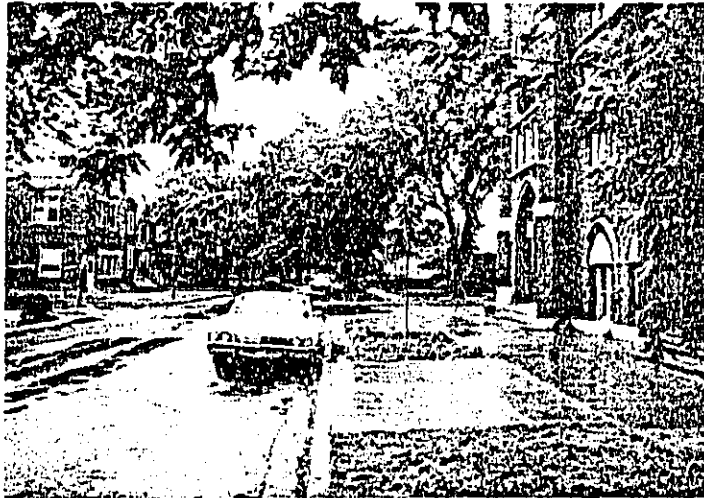
FIGURE B-28(b). HOURLY NOISE DATA FOR CHICAGO SITE 0503

SITE # 503



	DAY '.'	NIGHT 'n'	WEIGHTING	WEIGHTED LEQ
MAX	97.5	80.0	0.	58.4
MIN	36.3	36.3	0.	59.8
NPL	70.1	63.1	10.	60.6
SIG	6.3	4.6	12.	61.5
LEQ	60.1	51.2		
TNI	78.0	48.3		
L1	70.2	62.0		
L3	65.3	56.6		
L5	63.2	53.5		
L10	60.4	49.6		
L20	56.8	46.6		
L30	54.3	45.1		
L40	52.4	44.1		
L50	50.9	43.2		
L60	49.6	42.3		
L70	48.3	41.6		
L80	46.8	40.8		
L90	44.5	40.0		
L95	42.9	39.3		
L97	42.0	39.0		
L99	40.5	38.5		

FIGURE B-28(c). DAY/NIGHT NOISE DATA FOR CHICAGO SITE 0503



L_{DN} :	66.9	dB
ρ :	19,800	$\frac{\text{people}}{\text{sq. mi.}}$

SITE: 0504
 Address: Corner of 64th & Walcott
 Chicago, IL
 Microphone Height: 4.6 m.
 Distance to Curb: 5.5 m.

ROADWAY TYPE
 At Site: Collector
 Vicinity: Arterial

TRAFFIC
 At Site: Cars, Trucks
 Vicinity: Cars, Trucks

OTHER NOISE SOURCES:

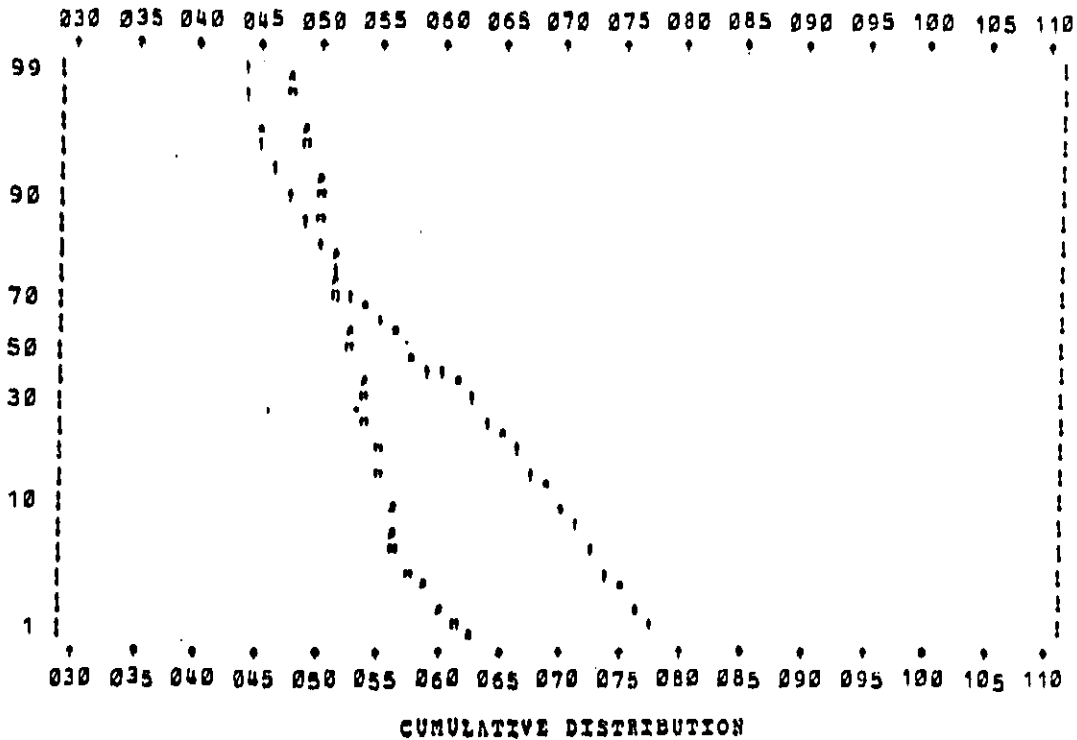
FIGURE B-29(a). DESCRIPTION OF CHICAGO SITE 0504

SITE # 504											
HR	MAX	MIN	NPZ	SIG	L20	TNI	L1	L3	L5	L10	L20
1	76.3	50.0	56.4	1.2	53.2	31.6	57.2	55.3	54.8	54.0	53.5
2	72.5	48.8	54.6	1.2	51.6	28.4	55.7	53.3	52.5	52.2	51.8
3	72.5	47.5	57.2	2.1	51.9	37.7	55.9	54.0	53.7	53.5	53.1
4	82.5	51.3	61.8	2.2	56.3	39.1	59.2	57.3	56.9	56.2	55.7
5	70.0	52.5	57.4	1.1	54.5	32.6	58.5	56.2	56.0	55.4	54.9
6	78.8	47.5	61.6	1.9	56.8	32.1	60.1	60.5	58.3	56.2	56.1
7	86.3	46.3	70.3	4.1	59.9	56.2	70.7	66.2	63.8	60.1	56.3
8	92.5	43.8	79.0	5.9	63.8	77.3	75.3	70.4	68.2	64.5	59.8
9	86.3	42.5	80.9	6.7	63.7	86.0	75.5	71.9	69.8	65.6	60.4
10	96.3	41.3	86.6	7.4	67.8	88.1	78.6	72.0	68.8	64.8	59.9
11	100.0	40.0	92.3	8.8	69.9	107.7	82.0	76.9	74.3	70.2	65.0
12	82.5	51.3	77.7	4.9	63.2	77.9	74.2	71.8	70.6	69.0	66.7
13	96.3	48.8	89.6	6.7	72.5	87.7	86.0	78.0	74.9	70.9	67.5
14	87.5	51.3	80.3	4.5	68.7	76.1	78.4	75.7	74.3	71.9	69.3
15	95.0	51.3	84.6	5.2	71.2	84.1	81.1	78.3	76.7	74.4	71.9
16	91.3	50.0	87.5	6.6	70.5	97.3	80.0	77.2	75.9	73.8	71.6
17	87.5	46.3	84.8	6.9	67.1	95.7	77.4	75.1	73.7	71.4	67.4
18	86.3	43.8	78.5	6.1	63.0	83.5	73.6	70.4	68.7	66.2	62.9
19	86.3	43.8	83.3	7.5	64.2	98.2	74.2	71.4	70.4	68.7	65.7
20	78.8	41.3	78.6	5.9	55.6	74.4	65.4	63.6	62.4	59.1	55.9
21	78.8	38.8	75.0	6.9	57.3	91.0	65.0	64.5	64.0	63.2	58.4
22	66.3	42.5	67.4	5.0	54.7	69.2	64.1	62.4	61.2	59.0	56.0
23	62.5	43.8	60.0	3.1	52.2	48.0	60.0	59.0	58.3	55.0	51.9
24	63.8	48.8	55.1	1.2	51.9	32.1	56.0	53.7	53.6	53.2	52.5

HR	L30	L40	L50	L60	L70	L80	L90	L95	L97	L99
1	53.3	53.0	52.7	52.5	52.2	51.8	51.5	51.4	51.3	51.1
2	51.4	51.1	50.9	50.8	50.6	50.4	50.2	50.1	50.1	50.0
3	52.8	52.3	51.5	50.4	49.7	49.2	48.8	48.2	47.9	47.6
4	55.2	54.5	53.7	53.3	52.9	52.5	51.9	51.6	51.4	51.2
5	54.6	54.4	54.2	54.0	53.8	53.4	53.0	52.7	52.6	52.5
6	55.9	55.7	55.5	55.3	55.1	54.9	54.3	54.0	53.9	53.8
7	55.0	54.6	54.2	53.7	53.1	52.5	51.4	50.5	50.2	49.3
8	57.2	55.4	54.1	53.1	52.2	51.3	50.2	49.4	49.0	48.1
9	57.4	55.4	53.8	52.8	51.3	50.2	48.9	47.8	47.3	46.3
10	56.9	54.6	52.8	51.3	49.9	48.5	47.0	46.0	45.4	44.3
11	61.3	58.2	55.7	53.5	51.5	49.7	47.7	46.4	45.6	44.4
12	64.4	62.5	61.1	59.9	58.8	57.5	56.0	55.2	54.6	53.8
13	65.1	63.1	61.4	59.8	58.4	56.9	55.3	54.2	53.7	52.6
14	67.7	66.4	65.4	64.4	63.3	62.2	60.5	59.1	58.2	56.5
15	69.9	68.2	66.8	65.5	64.2	62.8	61.2	60.0	59.1	57.2
16	69.9	68.5	66.9	65.0	62.5	59.1	56.0	54.5	53.9	52.7
17	63.7	60.9	58.8	57.1	55.8	54.6	53.3	52.2	51.5	50.1
18	68.7	58.9	57.3	55.8	54.1	52.3	50.4	49.0	48.2	46.9
19	62.6	59.7	57.1	54.6	52.3	50.5	48.8	47.8	47.3	46.4
20	52.8	51.0	49.5	47.9	46.3	45.1	44.1	43.4	43.0	42.6
21	56.5	52.3	50.1	49.0	47.1	45.0	43.9	43.3	42.9	42.6
22	52.9	51.7	50.6	49.4	48.0	46.7	45.6	45.2	44.8	44.1
23	51.1	50.8	50.4	50.1	49.6	48.8	47.3	46.5	46.0	45.3
24	52.2	51.9	51.6	51.5	51.0	50.6	50.3	50.1	50.0	49.5

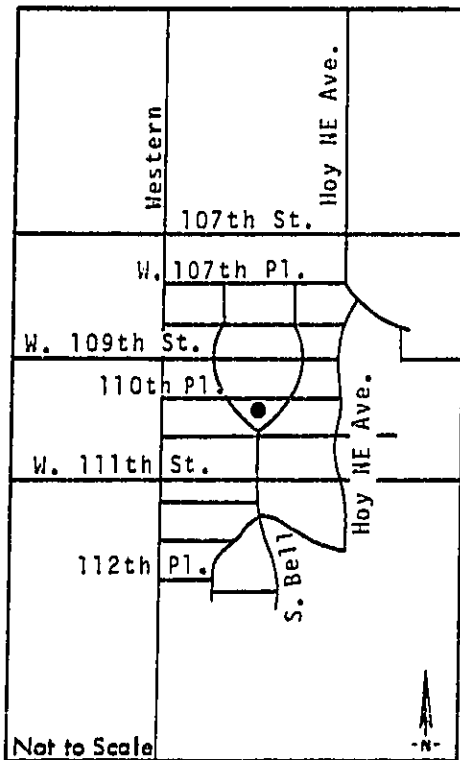
FIGURE B-29(b). HOURLY NOISE DATA FOR CHICAGO SITE 0504

SITE # 504



	DAY	NIGHT	WEIGHTING	WEIGHTED LEQ
MAX	100.0	86.3	0.	65.7
MIN	38.8	43.8	8.	66.4
NPL	89.1	62.4	10.	66.9
SIG	8.4	2.8	12.	67.5
LEQ	67.6	55.2		
TNI	105.5	43.1		
L1	78.3	63.1		
L3	74.5	58.4		
L5	72.7	56.8		
L10	69.8	55.9		
L20	66.0	54.9		
L30	63.1	54.1		
L40	60.2	53.4		
L50	57.4	52.8		
L60	55.1	52.2		
L70	52.7	51.5		
L80	50.5	50.8		
L90	47.8	50.1		
L95	45.8	49.2		
L97	44.8	48.7		
L99	43.6	47.1		

FIGURE B-29(c). DAY/NIGHT NOISE DATA FOR CHICAGO SITE 0504



L_{DN} :	59.0 dB
ρ :	7,400 $\frac{\text{people}}{\text{sq. mi.}}$

SITE: 0505
 Address: 11024 S. Bell Ave.
 Chicago, IL
 Microphone Height: 6.1 m.
 Distance to Curb: 7.3 m.

ROADWAY TYPE
 At Site: Local
 Vicinity: Collector

TRAFFIC
 At Site: Cars, Trucks
 Vicinity: Cars, Trucks

OTHER NOISE SOURCES:

FIGURE 3-30(a). DESCRIPTION OF CHICAGO SITE 0505

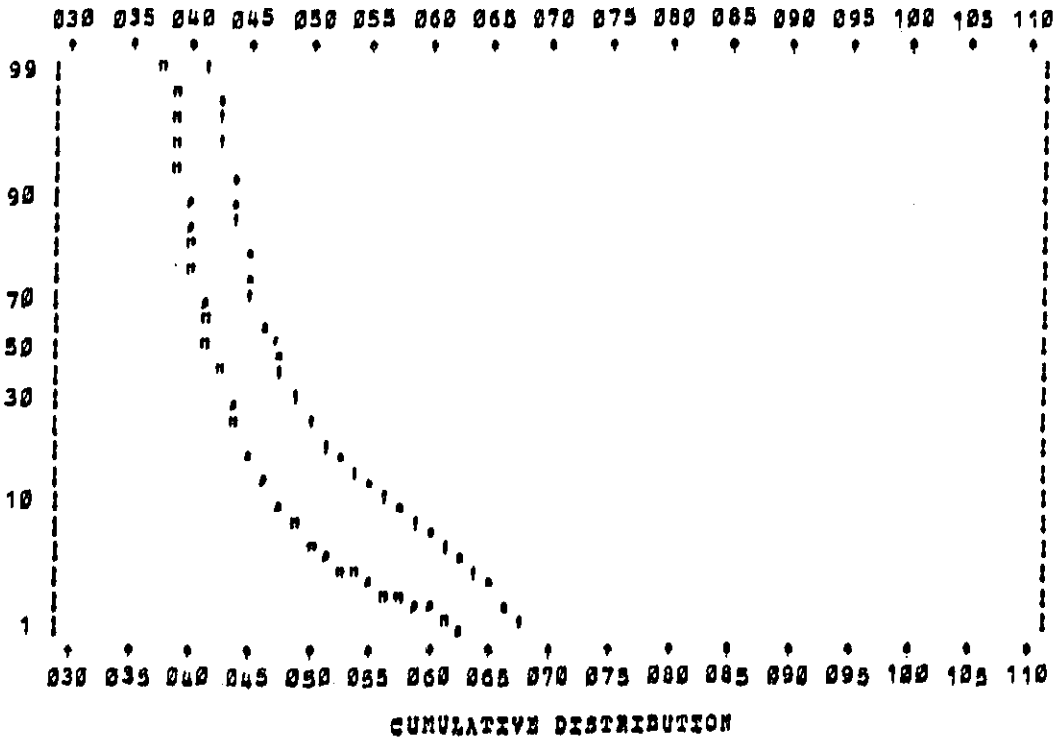
BLACK COPY

SITE # 505											
HR	MAX	MIN	NPL	SIG	LEQ	TNI	L1	L3	L5	L10	L20
1	82.5	37.5	63.8	4.3	52.7	30.7	64.9	54.6	49.4	44.9	42.5
2	73.8	37.5	54.9	3.2	46.9	31.8	55.5	49.5	47.5	45.1	43.2
3	73.8	36.3	51.1	2.3	45.1	23.5	50.0	45.1	43.9	42.6	41.6
4	76.3	37.5	53.1	2.6	46.5	23.2	51.5	45.9	44.0	42.5	41.6
5	69.0	36.3	48.5	2.3	42.7	25.1	49.6	45.7	44.4	43.0	41.8
6	67.5	37.5	55.5	3.5	46.4	41.1	57.7	53.1	51.3	48.1	45.3
7	81.3	40.0	67.6	4.7	55.6	46.1	67.8	58.7	55.0	51.2	48.0
8	85.0	40.0	69.3	5.1	56.3	52.7	67.8	62.8	59.0	53.4	49.5
9	77.5	40.0	69.5	5.8	54.7	68.5	67.1	63.8	61.6	56.9	51.1
10	81.3	40.0	66.1	4.7	54.0	52.4	66.5	61.4	58.2	53.6	50.1
11	75.0	41.3	64.1	4.5	52.7	54.1	64.6	61.2	58.1	54.3	50.4
12	81.3	40.0	68.0	5.0	55.3	56.9	67.2	61.4	58.3	54.6	51.0
13	80.0	42.5	71.8	5.4	57.9	65.2	70.9	66.2	63.6	58.6	54.4
14	76.3	40.0	65.3	4.7	53.2	54.5	65.3	59.5	57.3	53.5	50.3
15	102.5	40.0	75.7	5.9	60.6	69.1	68.5	65.2	62.7	57.5	51.6
16	90.0	40.0	71.0	5.6	56.5	69.3	67.6	64.0	61.9	58.0	52.5
17	82.5	40.0	72.1	6.1	56.5	69.7	69.4	65.6	62.9	57.3	51.6
18	91.3	40.0	75.4	6.5	58.8	77.9	70.1	67.1	64.8	60.0	53.9
19	78.8	41.3	71.7	5.9	56.6	66.4	69.5	64.5	61.2	56.5	52.0
20	93.8	40.0	73.2	5.8	58.3	64.5	69.9	64.6	61.8	56.6	52.5
21	78.8	40.0	73.0	6.1	57.4	72.0	69.9	65.6	62.9	58.3	54.1
22	78.8	40.0	64.8	4.7	52.0	49.1	65.2	59.9	56.2	51.5	48.1
23	77.5	40.0	68.8	5.5	54.7	53.8	68.6	63.7	60.3	53.0	48.0
24	75.0	38.8	62.2	4.2	51.4	37.4	64.9	56.9	51.7	48.0	45.8

HR	L30	L40	L50	L60	L70	L80	L90	L95	L97	L99
1	42.0	41.5	41.1	40.8	40.5	40.2	39.7	39.2	39.0	38.8
2	42.3	41.9	41.4	41.0	40.6	40.2	39.5	39.1	38.9	38.8
3	41.1	40.7	40.4	40.0	39.7	39.3	38.9	38.8	38.3	37.8
4	41.0	40.7	40.3	40.0	39.6	39.3	39.0	38.8	38.4	37.8
5	41.1	40.8	40.5	40.1	39.8	39.3	38.9	38.5	38.1	37.7
6	44.1	43.3	42.7	42.2	41.7	41.3	40.5	40.1	39.7	39.0
7	46.5	45.7	45.0	44.6	44.1	43.6	42.9	42.5	42.1	41.5
8	47.9	46.8	45.9	45.3	44.7	44.2	43.6	43.0	42.8	42.5
9	48.4	46.9	45.8	45.0	44.4	43.8	43.0	42.7	42.5	41.7
10	48.6	47.6	46.8	46.1	45.5	44.8	43.9	43.2	42.8	42.2
11	48.7	47.8	47.0	46.3	45.7	45.1	44.3	43.9	43.7	42.9
12	49.3	48.1	47.1	46.2	45.5	44.7	43.8	43.0	42.6	41.7
13	52.4	51.1	50.0	49.1	48.3	47.4	46.3	45.5	45.2	44.4
14	48.7	47.6	46.6	45.7	44.8	44.1	43.2	42.6	42.1	41.5
15	49.3	47.9	46.9	46.0	45.2	44.4	43.6	42.9	42.7	42.0
16	49.8	48.6	47.7	46.8	46.0	45.2	44.2	43.6	43.0	42.5
17	49.2	47.8	46.7	45.7	44.9	44.1	43.2	42.6	42.2	41.5
18	50.8	49.2	48.0	47.0	46.0	45.1	44.1	43.3	42.9	42.2
19	49.7	48.0	46.8	45.8	44.9	44.1	43.2	42.8	42.6	41.8
20	49.8	48.1	46.9	46.1	45.4	44.7	44.0	43.4	43.0	42.6
21	51.4	49.6	48.2	47.1	46.1	45.0	43.8	43.0	42.6	41.8
22	46.6	45.6	44.8	44.2	43.6	43.0	42.3	41.8	41.5	41.3
23	46.1	45.0	44.6	44.2	43.7	43.3	42.8	42.6	42.3	41.6
24	44.7	44.0	43.4	43.0	42.8	42.0	41.5	41.2	40.7	40.2

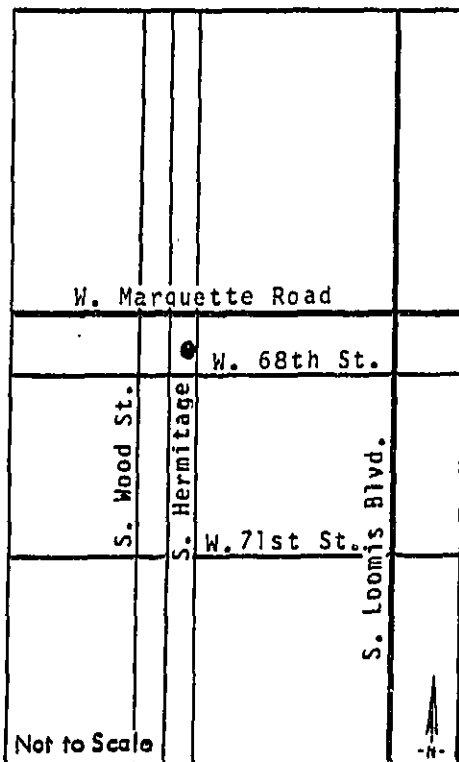
FIGURE B-30(b). HOURLY NOISE DATA FOR CHICAGO SITE 0505

SITE # 505



	DAY	NIGHT	WEIGHTING	WEIGHTED LEQ
MAX	102.5	82.5	0.	55.4
MIN	40.0	36.3	0.	57.8
MPL	71.3	62.3	10.	59.0
STD	5.6	4.4	12.	60.3
L50	56.8	51.1		
THI	64.9	40.5		
L1	68.5	63.0		
L3	64.2	54.1		
L5	61.3	50.8		
L10	58.4	47.2		
L20	51.7	44.9		
L30	49.5	43.7		
L40	48.1	42.8		
L50	47.0	42.1		
L60	46.1	41.3		
L70	45.3	40.7		
L80	44.5	40.2		
L90	43.6	39.4		
L95	42.9	39.0		
L97	42.6	38.9		
L99	41.8	38.2		

FIGURE B-30(c). DAY/NIGHT NOISE DATA FOR CHICAGO SITE 0505



L_{DN} :	64.4 dB
ρ :	20,600 $\frac{\text{people}}{\text{sq. mi.}}$

SITE: 0506
 Address: 6700 S. Hermitage
 Chicago, IL
 Microphone Height: 3.0 m.
 Distance to Curb: 9.1 m.

ROADWAY TYPE
 At Site: Collector
 Vicinity: Arterial

TRAFFIC
 At Site: Cars, Trucks
 Vicinity: Cars, Trucks, Buses

OTHER NOISE SOURCES:

FIGURE B-31(a). DESCRIPTION OF CHICAGO SITE 0506

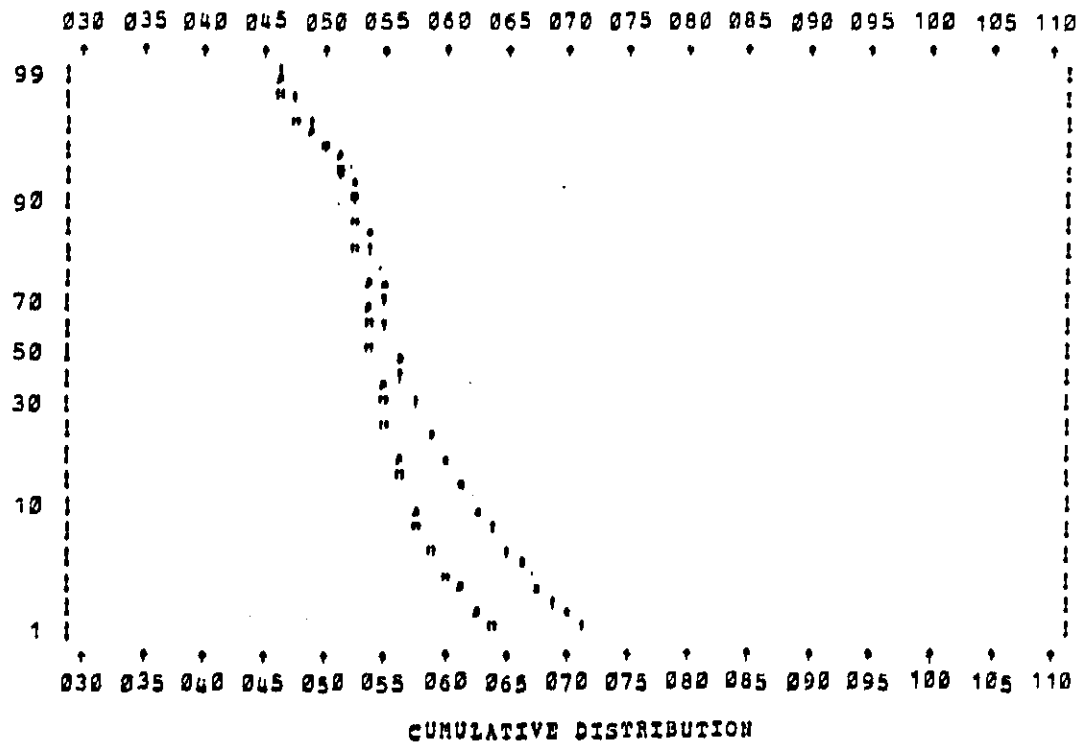
SITE # 506

HR	MAX	MIN	NPL	SIG	LEO	TNI	L1	L3	L5	L10	L20
1	86.3	51.3	67.0	3.2	58.8	42.3	70.1	64.8	61.5	57.7	56.0
2	82.5	42.5	64.1	3.8	54.3	52.0	62.8	58.0	56.7	55.1	54.2
3	76.3	50.0	57.4	1.3	54.1	31.8	58.1	56.1	55.5	54.9	54.4
4	70.0	51.3	57.4	1.2	54.3	31.7	59.7	56.7	56.0	55.0	54.7
5	67.5	45.0	57.5	1.6	53.5	33.0	58.4	56.1	55.3	54.7	53.9
6	73.8	45.0	63.9	3.0	56.3	30.9	63.9	61.9	60.5	58.6	57.0
7	83.8	51.3	65.2	2.5	58.7	43.6	67.3	62.8	61.2	59.2	57.8
8	93.8	46.3	77.5	5.0	64.6	61.2	76.0	74.1	69.0	63.1	59.0
9	80.0	45.0	67.6	3.7	58.0	53.7	67.8	64.2	62.3	59.2	57.0
10	85.0	51.3	71.5	3.9	61.4	53.6	72.8	67.4	65.7	61.3	58.0
11	85.0	41.3	72.2	5.0	59.4	62.7	69.3	63.6	61.2	58.3	56.0
12	83.0	41.3	71.9	5.1	58.8	68.7	70.0	65.5	63.4	60.7	57.7
13	77.5	46.3	66.4	3.1	58.4	53.2	67.2	64.3	63.0	61.0	58.7
14	92.5	51.3	68.8	3.5	59.8	56.8	68.7	65.9	64.7	62.0	58.7
15	78.8	51.3	65.5	2.8	58.4	48.2	67.2	63.6	62.2	60.1	58.4
16	86.3	47.5	74.5	4.8	62.2	68.1	74.1	68.8	66.9	63.0	60.6
17	83.8	48.8	69.6	3.8	59.9	59.0	70.0	66.5	64.8	62.1	59.6
18	93.8	52.5	73.4	3.9	63.3	60.9	73.2	69.1	67.1	64.4	61.6
19	95.0	52.5	81.1	5.3	67.5	72.6	79.1	74.4	71.2	67.2	63.7
20	87.5	52.5	68.6	3.1	60.6	53.8	69.3	66.2	64.7	62.4	60.2
21	83.8	52.5	71.3	3.7	61.8	60.9	71.2	68.0	66.5	64.3	62.2
22	78.8	52.5	66.2	3.0	58.5	49.2	68.5	64.0	62.9	60.4	57.9
23	78.8	51.3	62.3	2.2	56.7	41.1	64.3	61.1	59.7	58.2	56.8
24	86.3	52.5	67.4	3.0	59.7	42.2	70.0	63.9	61.1	58.5	56.9

HR	L30	L40	L50	L60	L70	L80	L90	L95	L97	L99
1	55.2	54.7	54.4	54.1	53.8	53.3	52.9	52.7	52.6	52.1
2	53.6	53.2	52.9	52.5	51.2	47.3	46.2	45.5	45.2	44.6
3	54.0	53.7	53.5	53.2	53.0	52.8	52.5	52.0	51.7	51.3
4	54.4	54.2	53.9	53.6	53.3	53.0	52.8	52.6	52.6	52.4
5	53.6	53.4	53.2	53.0	52.8	52.6	51.9	51.4	49.6	47.3
6	56.1	55.5	55.0	54.5	54.0	53.1	51.2	50.1	49.4	48.4
7	57.1	56.6	56.2	55.8	55.4	55.0	54.4	54.0	53.9	33.8
8	57.4	56.5	55.9	55.3	54.8	54.3	53.8	52.9	52.6	50.5
9	56.0	55.4	54.8	54.4	53.9	53.1	51.0	48.9	48.0	46.9
10	56.8	56.0	55.6	55.1	54.7	54.3	53.9	53.4	53.0	52.7
11	54.9	54.0	52.9	51.4	49.8	48.3	46.8	45.8	45.3	44.2
12	55.9	54.6	53.3	52.1	50.8	49.5	48.0	46.9	46.4	45.3
13	57.5	56.7	56.0	55.5	54.9	54.3	53.6	52.9	52.7	51.6
14	57.3	56.4	55.8	55.2	54.7	54.2	53.8	53.2	52.9	52.6
15	57.4	56.7	56.2	55.7	55.2	54.7	54.1	53.9	53.7	52.9
16	58.6	57.3	56.3	55.4	54.4	53.5	52.4	51.6	51.3	50.3
17	58.2	57.3	56.6	55.9	55.2	54.3	53.1	52.2	51.7	50.8
18	60.0	58.9	58.1	57.4	56.9	56.3	55.5	55.2	55.0	54.2
19	61.5	59.9	58.7	57.7	56.9	56.2	55.4	55.0	54.5	54.0
20	59.0	58.3	57.6	57.0	56.5	55.9	55.3	54.9	54.4	54.0
21	60.7	59.6	58.6	57.7	57.0	56.3	55.5	55.1	54.7	54.1
22	56.8	56.1	55.7	55.3	54.9	54.5	54.1	53.9	53.8	53.3
23	56.1	55.6	55.1	54.8	54.5	54.2	53.9	53.6	53.1	52.7
24	56.1	55.6	55.2	54.8	54.5	54.2	54.0	53.8	53.7	52.9

FIGURE B-31(b). HOURLY NOISE DATA FOR CHICAGO SITE 0506

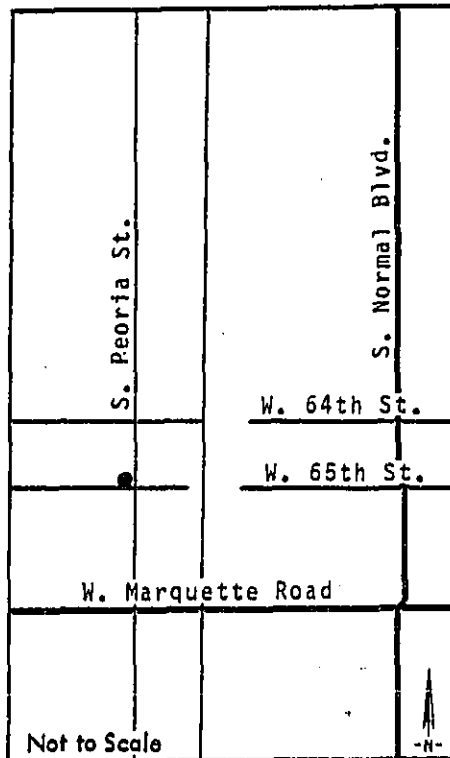
SITE # 506



	DAY ","	NIGHT ","	WEIGHTING	WEIGHTED LEQ
MAX	95.0	86.3	0.	60.5
MIN	41.3	42.5	8.	63.2
NPL	73.3	64.4	10.	64.4
SIG	4.5	3.0	12.	65.8
LEQ	61.8	56.8		
TNI	61.4	42.0		
L1	72.5	64.9		
L3	67.4	60.9		
L5	65.4	59.1		
L10	62.5	57.0		
L20	59.6	56.1		
L30	58.1	55.3		
L40	57.0	54.7		
L50	56.2	54.3		
L60	55.6	53.9		
L70	54.9	53.5		
L80	54.2	53.0		
L90	52.9	52.5		
L95	50.5	51.3		
L97	48.9	48.2		
L99	46.7	46.0		

FIGURE B-31(c). DAY/NIGHT NOISE DATA FOR CHICAGO SITE 0506

BLACK COPY



L_{DN} :	63.1	dB
ρ :	32,600	$\frac{\text{people}}{\text{sq. mi.}}$

SITE: 0508
Address: 910 W. 65th
Chicago, IL
Microphone Height: 6.7 m.
Distance to Curb: 11.0 m.

ROADWAY TYPE
At Site: Local
Vicinity: Collector

TRAFFIC
At Site: Cars, Trucks
Vicinity: Cars, Trucks

OTHER NOISE SOURCES:

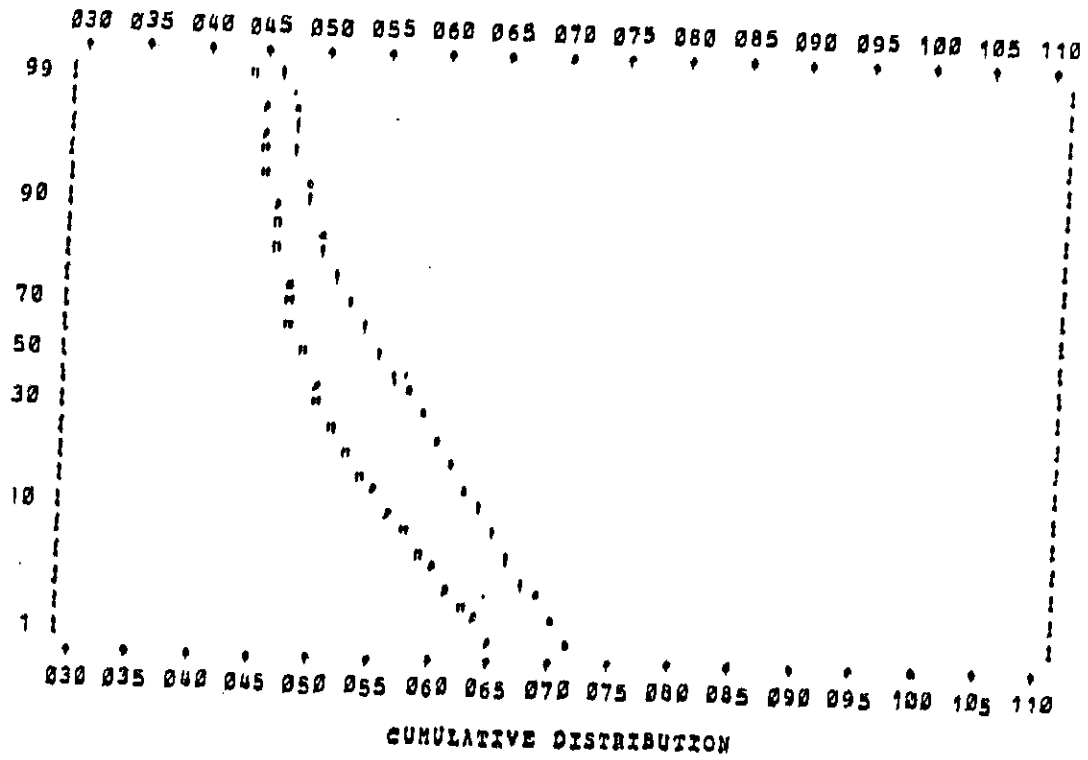
FIGURE B-32(a). DESCRIPTION OF CHICAGO SITE 0508

SITE #		508									
HR	MAX	MIN	NPL	SIG	LEQ	THI	L1	L3	L5	L10	L20
1	82.5	43.8	73.3	5.7	58.7	71.9	70.5	66.0	64.5	60.8	56.1
2	75.0	42.5	60.3	3.4	51.6	45.2	61.3	58.9	56.9	53.5	51.0
3	80.0	42.5	62.2	3.7	52.6	42.7	64.4	58.7	55.9	52.1	49.8
4	73.8	41.3	55.3	2.7	48.5	35.9	58.1	53.6	51.7	49.8	48.3
5	78.8	42.5	60.6	3.4	51.8	41.8	62.1	57.5	55.2	51.9	49.5
6	81.3	43.8	63.4	3.4	54.8	48.6	62.1	59.1	57.6	55.5	53.0
7	78.8	45.0	65.8	4.2	55.0	58.2	66.2	61.8	60.1	57.8	54.7
8	81.3	45.0	69.4	4.8	57.1	68.1	66.5	64.4	63.1	60.8	57.2
9	87.5	43.8	71.2	5.1	58.1	68.9	68.0	64.0	62.5	60.5	57.8
10	81.3	43.8	70.6	4.9	58.0	65.0	69.1	64.7	62.8	59.9	57.5
11	75.0	42.5	69.8	5.1	56.6	69.4	67.1	64.3	62.5	60.1	57.1
12	88.8	43.8	73.6	5.2	60.2	71.3	69.5	65.8	64.2	61.6	58.6
13	91.3	45.0	77.3	5.4	63.4	71.9	74.8	69.2	66.7	63.6	60.9
14	98.8	45.0	74.4	4.9	62.0	69.3	68.4	65.3	64.0	62.0	59.5
15	97.5	45.0	78.0	5.7	63.5	79.6	73.3	69.8	68.1	65.7	62.8
16	88.8	43.8	72.2	4.7	60.3	68.1	69.3	66.0	64.6	62.7	60.6
17	101.2	41.3	78.2	5.1	65.1	68.0	74.2	68.0	65.6	62.8	60.3
18	85.0	47.5	79.6	5.9	64.5	85.3	74.5	72.0	70.7	68.4	65.5
19	87.5	46.3	78.3	5.5	64.1	80.0	73.4	69.9	68.6	67.1	65.2
20	88.8	46.3	74.4	5.0	61.7	70.6	72.2	68.5	66.7	63.9	61.1
21	88.8	46.3	75.6	5.0	62.8	73.4	72.8	69.3	67.6	65.3	62.6
22	77.5	43.8	71.1	5.1	58.1	69.3	69.2	65.3	63.5	61.0	58.0
23	73.8	45.0	65.8	4.2	55.0	59.5	64.9	62.2	60.7	58.2	55.3
24	78.8	43.8	68.0	4.5	56.5	57.0	68.2	61.3	59.5	56.8	53.6

HR	L30	L40	L50	L60	L70	L80	L90	L95	L97	L99
1	53.5	51.5	50.1	49.2	48.5	47.9	47.1	46.6	46.4	45.8
2	49.8	49.1	48.5	48.0	47.5	46.9	46.3	45.6	45.3	45.0
3	48.8	48.2	47.6	47.1	46.5	45.9	45.2	44.6	44.2	43.9
4	47.4	46.9	46.4	45.9	45.3	45.1	44.4	44.0	43.8	43.1
5	48.5	47.9	47.4	46.9	46.5	46.0	45.3	45.0	44.5	44.0
6	51.7	50.8	50.1	49.5	49.0	48.4	47.8	47.3	46.8	46.4
7	52.7	51.4	50.5	49.7	49.0	48.4	47.7	47.1	46.7	46.3
8	54.9	53.3	52.1	51.1	50.2	49.4	48.4	47.7	47.3	46.6
9	55.6	53.6	52.0	50.8	49.7	48.8	47.8	47.0	46.6	45.9
10	55.7	54.1	52.8	51.5	50.4	49.4	48.2	47.2	46.5	45.4
11	54.9	53.1	51.5	50.2	49.2	48.1	47.0	46.4	46.0	45.2
12	56.7	55.1	53.7	52.3	51.1	49.9	48.4	47.6	47.0	46.3
13	59.0	57.4	56.0	54.8	53.6	52.3	50.9	50.0	49.3	48.3
14	57.8	56.2	54.9	53.7	52.4	51.1	49.5	48.5	47.8	46.8
15	60.7	59.0	57.5	56.1	54.5	52.9	51.0	49.8	49.0	47.8
16	59.0	57.7	56.5	55.3	54.0	52.7	50.9	49.6	49.0	47.8
17	58.7	57.3	56.2	55.0	53.9	52.6	51.0	49.9	49.1	48.0
18	62.9	60.8	59.1	57.5	56.1	54.6	52.8	51.6	51.0	50.1
19	63.7	62.3	60.7	59.1	57.3	55.2	52.7	51.1	50.2	48.9
20	59.3	57.9	56.6	55.4	54.2	53.1	51.7	50.6	50.0	49.0
21	60.9	59.5	58.2	57.0	55.7	54.3	52.6	51.4	50.7	49.6
22	56.0	54.4	53.0	51.8	50.6	49.5	48.2	47.4	46.8	46.3
23	53.2	51.8	50.8	50.0	49.3	48.5	47.8	47.2	46.8	46.4
24	51.9	50.6	49.7	48.8	48.2	47.5	46.7	46.3	45.7	45.2

FIGURE B-32(b). HOURLY NOISE DATA FOR CHICAGO SITE 0508

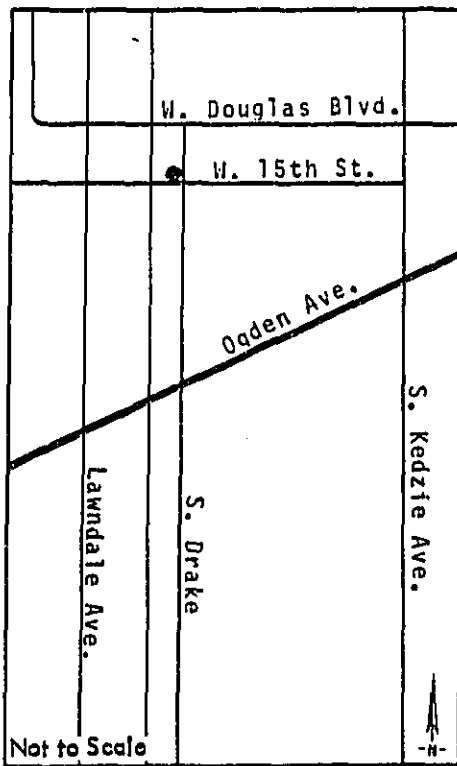
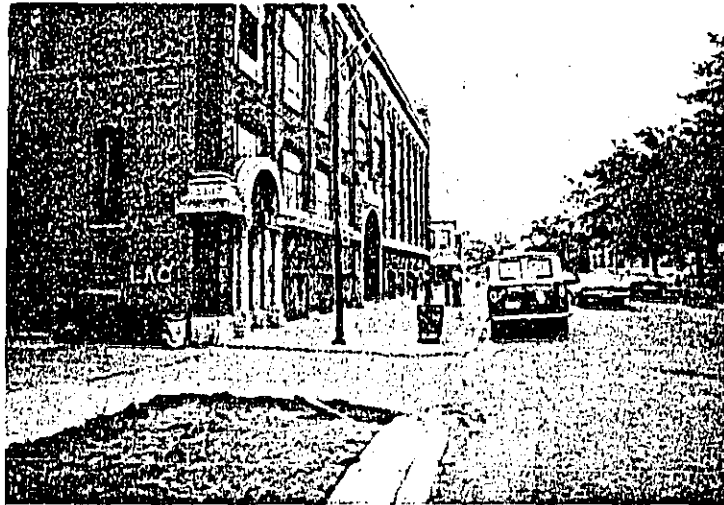
SITE # 508



	DAY "L"	NIGHT "N"	WEIGHTING	WEIGHTED L2Q
MAX	101.2	82.3		
MIN	41.3	41.3	0.	60.2
NPL	76.4	65.9	8.	62.1
STD	5.7	4.4	10.	63.1
L2Q	61.7	54.7	12.	64.3
TNI	77.8	56.4		
L1	71.8	65.3		
L3	68.1	61.1		
L5	66.4	59.0		
L10	63.8	56.0		
L20	60.8	52.6		
L30	58.7	50.9		
L40	57.0	49.8		
L50	55.5	48.9		
L60	54.0	48.2		
L70	52.5	47.6		
L80	50.9	46.0		
L90	49.2	45.9		
L95	48.0	45.2		
L97	47.5	44.8		
L99	46.4	44.0		

FIGURE B-32(c). DAY/NIGHT NOISE DATA FOR CHICAGO SITE 0508

BLACK COPY



L_{DN}: 68.4 dB
ρ: 65,000 $\frac{\text{people}}{\text{sq. mi.}}$

SITE: 0510
Address: Corner of Drake & 15th
Chicago, IL
Microphone Height: 6.1 m.
Distance to Curb: 4.6 m.

ROADWAY TYPE
At Site: Collector
Vicinity: Arterial

TRAFFIC
At Site: Cars, Trucks
Vicinity: Cars, Trucks

OTHER NOISE SOURCES:

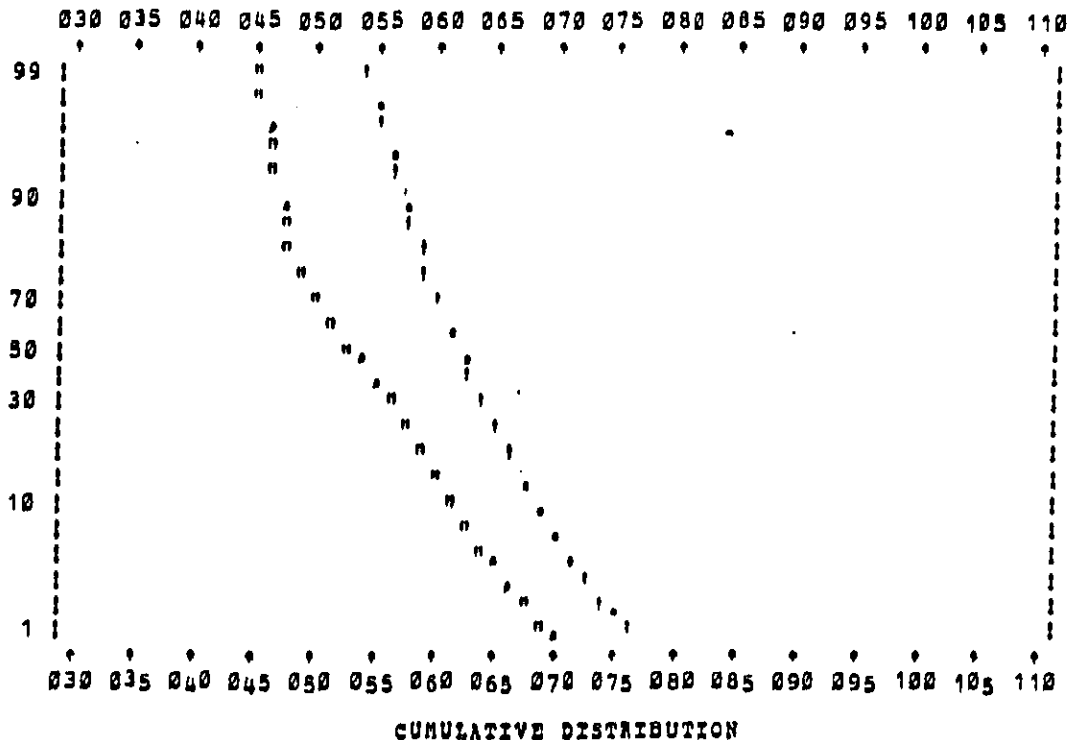
FIGURE B-33(a). DESCRIPTION OF CHICAGO SITE 0510

SITE # 510											
HR	MAX	MIN	NPL	SIG	LEQ	TNI	L1	L3	L5	L10	L20
1	87.5	45.0	71.9	5.1	58.9	70.3	69.5	66.1	64.3	61.7	58.7
2	82.5	45.0	70.0	4.8	57.6	65.1	68.4	65.0	63.2	60.1	57.3
3	81.3	43.8	69.8	5.0	57.1	60.5	69.4	64.6	61.7	57.9	54.7
4	78.8	43.8	61.6	3.5	52.6	45.8	62.3	57.7	55.9	53.2	50.1
5	96.3	43.8	71.7	4.4	60.4	54.8	65.2	60.9	58.7	55.6	51.8
6	77.5	43.8	69.6	4.9	57.2	66.3	67.7	63.7	62.0	59.7	57.7
7	85.0	47.5	74.6	4.7	62.5	69.5	72.2	68.7	67.1	64.5	61.8
8	91.3	47.5	84.5	6.1	68.8	82.0	83.5	75.3	71.8	68.6	64.0
9	87.5	47.5	76.3	4.5	64.7	68.6	75.4	71.4	69.3	66.4	63.8
10	93.8	52.5	78.2	4.4	66.8	72.7	76.0	73.1	71.6	69.6	67.4
11	93.8	50.0	79.5	4.9	67.1	71.6	77.2	72.6	70.5	67.5	64.6
12	85.0	51.3	74.4	3.9	64.3	66.7	73.4	70.6	69.1	67.1	65.0
13	92.5	52.5	78.8	4.4	67.7	70.3	77.4	73.6	71.8	69.3	66.8
14	86.3	51.3	74.9	4.0	64.7	66.2	74.5	71.1	69.5	67.3	64.9
15	96.3	51.3	76.2	4.0	66.0	65.3	74.7	71.1	69.4	67.1	64.8
16	97.5	53.8	77.4	4.1	67.0	68.3	76.0	72.7	71.0	68.0	66.4
17	88.8	51.3	75.1	3.8	65.4	66.3	74.3	71.2	69.9	68.2	66.0
18	106.2	55.0	82.4	4.3	71.3	70.3	83.3	76.0	73.7	71.4	68.6
19	91.3	52.5	81.5	5.0	68.7	78.1	80.1	75.8	73.8	71.2	68.4
20	97.5	52.5	79.7	4.6	68.0	71.8	79.0	74.1	72.0	69.5	67.0
21	92.5	51.3	78.9	4.6	67.2	72.4	77.6	73.4	71.5	69.2	66.7
22	95.0	50.0	77.9	4.5	66.4	68.7	74.9	70.7	69.1	66.8	64.4
23	86.3	48.8	74.1	4.5	62.5	68.5	72.6	69.0	67.2	64.8	62.0
24	83.8	46.3	73.3	4.9	60.8	67.7	71.8	67.9	65.8	62.9	60.0

HR	L30	L40	L50	L60	L70	L80	L90	L95	L97	L99
1	56.9	55.3	53.9	52.6	51.3	50.1	48.9	48.1	47.7	46.9
2	55.2	53.6	52.3	51.2	50.2	49.4	48.4	47.9	47.6	46.9
3	52.4	50.8	49.7	48.9	48.3	47.7	47.0	46.6	46.4	46.1
4	48.7	48.0	47.4	47.0	46.7	46.3	45.7	45.3	45.2	45.0
5	49.8	48.7	48.0	47.4	46.9	46.5	45.9	45.4	45.2	45.0
6	50.1	54.8	53.5	52.2	50.7	49.1	47.5	46.7	46.3	45.4
7	60.1	58.9	57.8	56.8	55.7	54.5	52.8	51.6	50.8	49.5
8	61.7	60.3	59.2	58.1	57.0	55.8	54.1	52.8	52.0	50.7
9	62.4	61.4	60.4	59.5	58.5	57.3	55.7	54.4	53.7	52.8
10	66.1	64.6	63.2	62.1	61.0	59.9	58.5	57.4	56.7	55.6
11	62.8	61.5	60.5	59.5	58.6	57.5	56.1	55.1	54.5	53.7
12	63.7	62.7	61.9	61.0	59.9	58.8	57.3	56.2	55.5	54.4
13	65.3	64.1	63.1	62.2	61.3	60.3	59.0	57.9	57.3	56.1
14	63.5	62.4	61.5	60.7	59.8	58.9	57.6	56.6	56.0	55.1
15	63.4	62.3	61.4	60.6	59.7	58.8	57.7	56.7	56.2	55.1
16	64.8	63.6	62.7	61.9	61.0	60.1	59.0	58.1	57.6	56.5
17	64.4	63.2	62.3	61.5	60.7	59.8	58.8	57.7	57.1	56.1
18	67.3	66.2	65.4	64.6	63.8	62.9	61.7	60.7	60.2	59.0
19	66.7	65.3	64.1	62.9	61.7	60.4	58.8	57.7	57.0	55.8
20	65.5	64.3	63.2	62.2	61.2	60.2	58.8	57.7	57.0	55.8
21	65.1	63.8	62.7	61.7	60.6	59.5	58.1	57.0	56.4	55.2
22	62.9	61.7	60.7	59.7	58.8	57.7	56.2	55.0	54.2	52.8
23	60.3	59.0	58.0	57.0	56.0	54.9	53.5	52.5	51.9	51.2
24	58.2	56.8	55.6	54.5	53.5	52.5	51.3	50.2	49.6	48.5

FIGURE B-33(b). HOURLY NOISE DATA FOR CHICAGO SITE 0510

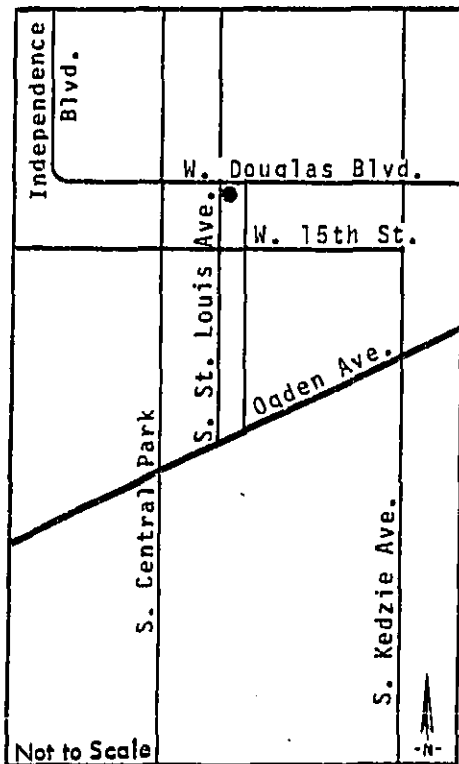
SITE # 510



	DAY	NIGHT	WEIGHTING	WEIGHTED LEQ
MAX	106.2	96.3	0.	65.7
MIN	47.5	43.8	8.	67.5
NPL	79.4	74.3	10.	68.4
SIG	4.7	5.8	12.	69.5
LEQ	67.3	59.7		
TNI	72.5	75.0		
L1	77.2	70.0		
L3	72.9	66.2		
L5	71.1	64.3		
L10	68.7	61.5		
L20	66.2	58.6		
L30	64.5	56.7		
L40	63.3	55.0		
L50	62.2	53.3		
L60	61.2	51.6		
L70	60.1	49.8		
L80	59.0	48.3		
L90	57.4	47.0		
L95	56.1	46.4		
L97	55.2	45.9		
L99	53.7	45.3		

FIGURE B-33(c). DAY/NIGHT NOISE DATA FOR CHICAGO SITE 0510

BLACK COPY



L_{DN} : 70.7 dB
 ρ : 65,000 $\frac{\text{people}}{\text{sq. mi.}}$

SITE: 0511
Address: Corner of St. Louis Ave.
& Douglas, Chicago, IL
Microphone Height: 6.7 m.
Distance to Curb: 7.6 m.

ROADWAY TYPE
At Site: Collector
Vicinity: Arterial

TRAFFIC
At Site: Cars, Trucks, Buses
Vicinity: Cars, Trucks, Buses

OTHER NOISE SOURCES:

FIGURE B-34(a). DESCRIPTION OF CHICAGO SITE 0511

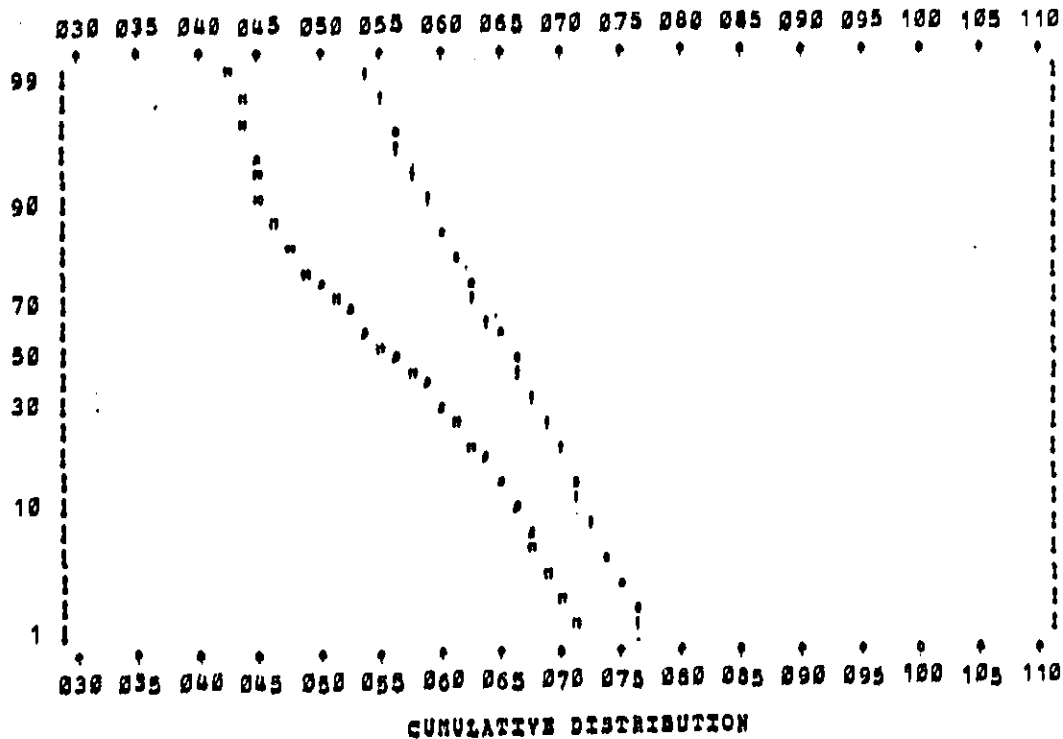
SITE # 511

HR	MAX	MIN	NPL	SIG	LEO	TNI	L1	L3	L5	L10	L20
1	80.0	43.8	75.6	5.4	62.8	78.8	71.8	69.5	68.4	66.6	64.1
2	87.5	43.8	73.7	6.0	60.3	82.3	69.6	67.3	66.1	64.1	61.1
3	86.3	42.5	75.6	6.5	59.0	83.0	69.8	67.8	65.4	62.5	59.3
4	81.3	41.3	71.4	5.9	58.3	71.4	67.8	63.8	61.6	58.3	54.0
5	77.5	41.3	69.9	5.8	55.2	72.1	66.5	63.6	61.5	58.6	54.2
6	90.0	42.5	77.8	6.5	61.2	86.9	70.8	68.3	67.0	64.9	62.0
7	85.0	46.3	80.1	5.5	66.0	81.9	75.1	72.3	71.0	69.4	67.4
8	87.5	47.5	79.3	5.1	66.2	80.7	73.9	72.2	71.3	70.0	68.0
9	88.8	47.5	79.3	5.3	65.8	79.7	74.4	71.9	70.9	69.1	66.8
10	100.0	48.8	90.7	6.5	74.1	81.7	86.3	78.7	74.0	69.7	67.2
11	98.8	50.8	82.3	5.1	69.3	76.3	76.9	72.9	71.1	69.0	66.8
12	88.8	50.8	76.7	4.4	65.6	71.5	74.5	71.9	70.4	68.6	66.5
13	97.5	52.5	81.5	4.7	69.6	73.3	79.5	75.2	73.2	70.3	68.1
14	91.3	52.5	77.4	4.0	67.1	70.3	75.7	73.0	71.7	69.9	68.2
15	88.8	53.8	77.1	3.9	67.0	69.7	74.8	72.4	71.2	69.9	68.2
16	90.3	53.8	80.1	4.8	72.7	70.9	83.6	78.0	75.8	73.3	71.4
17	86.3	55.0	79.4	3.8	69.8	72.3	75.9	74.4	73.7	72.9	71.6
18	96.3	53.8	81.3	3.9	71.4	73.7	77.8	76.4	75.7	74.5	72.9
19	88.8	57.5	80.5	3.9	70.5	74.9	77.1	75.9	75.1	74.0	72.3
20	90.0	56.3	79.5	3.9	69.4	73.6	76.2	74.7	73.8	72.7	71.1
21	90.0	55.0	79.2	4.0	68.9	74.1	75.5	74.8	73.3	72.1	70.5
22	81.3	53.8	77.7	4.1	67.3	73.3	74.2	72.8	72.1	70.8	69.0
23											
24	86.3	45.0	77.8	5.3	64.2	79.3	73.7	71.1	69.6	67.6	65.1

HR	L30	L40	L50	L60	L70	L80	L90	L95	L97	L99
1	62.3	60.7	59.4	58.0	56.4	54.7	52.5	50.5	49.5	47.6
2	59.1	57.2	55.4	53.4	51.7	50.0	48.0	46.8	46.3	45.3
3	56.8	54.3	52.2	50.4	48.7	47.1	45.7	45.1	44.6	44.0
4	51.1	49.2	47.7	46.6	45.7	44.8	43.9	43.3	42.9	42.6
5	51.2	49.0	47.4	46.4	45.6	44.9	44.1	43.7	43.2	42.7
6	59.7	57.6	55.8	54.0	52.2	50.1	47.5	46.1	45.3	44.2
7	65.7	64.3	63.0	61.4	59.5	57.6	55.3	53.3	52.1	50.1
8	66.3	64.8	63.4	62.0	60.4	58.6	56.4	54.8	54.0	52.2
9	64.9	63.3	61.8	60.5	59.2	57.6	55.5	53.8	52.6	50.7
10	65.3	63.7	62.2	60.8	59.4	57.8	55.7	54.2	53.3	51.9
11	65.1	63.6	62.2	61.0	59.7	58.3	56.6	55.4	54.7	53.4
12	64.9	63.6	62.5	61.4	60.4	59.2	57.8	56.3	55.4	53.9
13	66.8	65.7	64.6	63.5	62.4	61.0	59.3	58.1	57.4	56.0
14	66.9	65.8	64.7	63.7	62.7	61.4	59.7	58.5	57.8	56.5
15	66.9	65.8	64.7	63.7	62.6	61.5	60.0	58.7	57.9	56.8
16	70.0	68.9	67.8	66.8	65.7	64.2	62.1	60.5	59.4	57.7
17	70.5	69.5	68.4	67.4	66.3	65.1	63.0	61.5	60.6	59.1
18	71.7	70.6	69.6	68.6	67.5	66.4	64.7	63.2	62.0	59.5
19	71.0	69.8	68.6	67.9	66.8	65.5	63.8	62.3	61.3	59.9
20	69.8	68.7	67.6	66.6	65.5	64.2	62.4	61.0	60.3	59.0
21	69.1	68.0	67.0	65.8	64.6	63.3	61.5	60.1	59.3	58.0
22	67.7	66.6	65.5	64.4	63.2	61.8	59.9	58.6	57.8	56.4
23										
24	63.4	61.9	60.4	58.1	57.6	55.9	53.7	52.2	51.4	50.0

FIGURE B-34(b). HOURLY NOISE DATA FOR CHICAGO SITE 0511

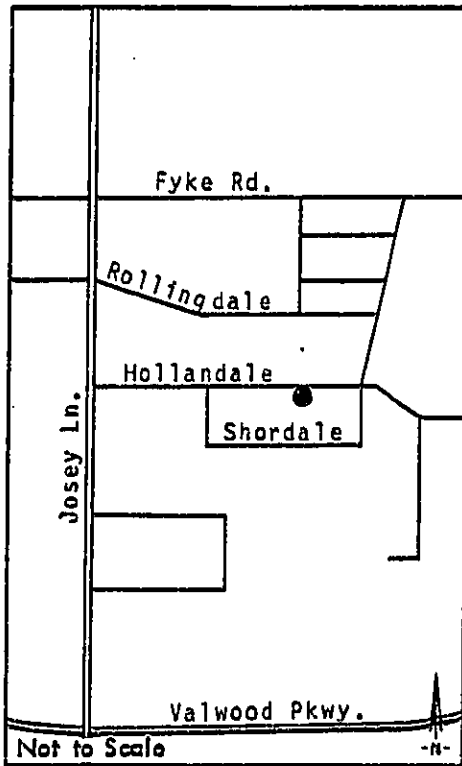
SITE # 511



	DAY 'L'	NIGHT "L",	WEIGHTING	WEIGHTED L ₉₀
MAX	100.0	90.0	0.	68.1
MIN	47.5	41.3	8.	69.8
MPL	83.0	81.0	10.	70.7
SIG	5.2	7.4	12.	71.8
L20	69.7	61.8		
THI	81.3	95.9		
L1	77.4	72.1		
L3	74.7	69.4		
L5	73.6	68.0		
L10	72.8	65.8		
L20	69.8	62.8		
L30	68.3	60.3		
L40	67.0	58.2		
L50	65.7	56.0		
L60	64.3	53.8		
L70	62.8	50.9		
L80	61.1	48.2		
L90	58.9	45.8		
L95	57.0	44.6		
L97	55.9	44.1		
L99	53.9	43.2		

FIGURE B-34(c). DAY/NIGHT NOISE DATA FOR CHICAGO SITE 0511

BLACK COPY



L_{DN} :	65.9 dB
ρ :	8,400 $\frac{\text{people}}{\text{sq. mi.}}$

SITE: 1401
Address: 2776 Hollandale
Farmers Branch, TX
Microphone Height: 1.5 m.
Distance to Curb: 9.1 m.

ROADWAY TYPE
At Site: Collector
Vicinity: Local

TRAFFIC
At Site: Cars
Vicinity: Cars

OTHER NOISE SOURCES:

FIGURE B-35(a). DESCRIPTION OF DALLAS SITE 1401

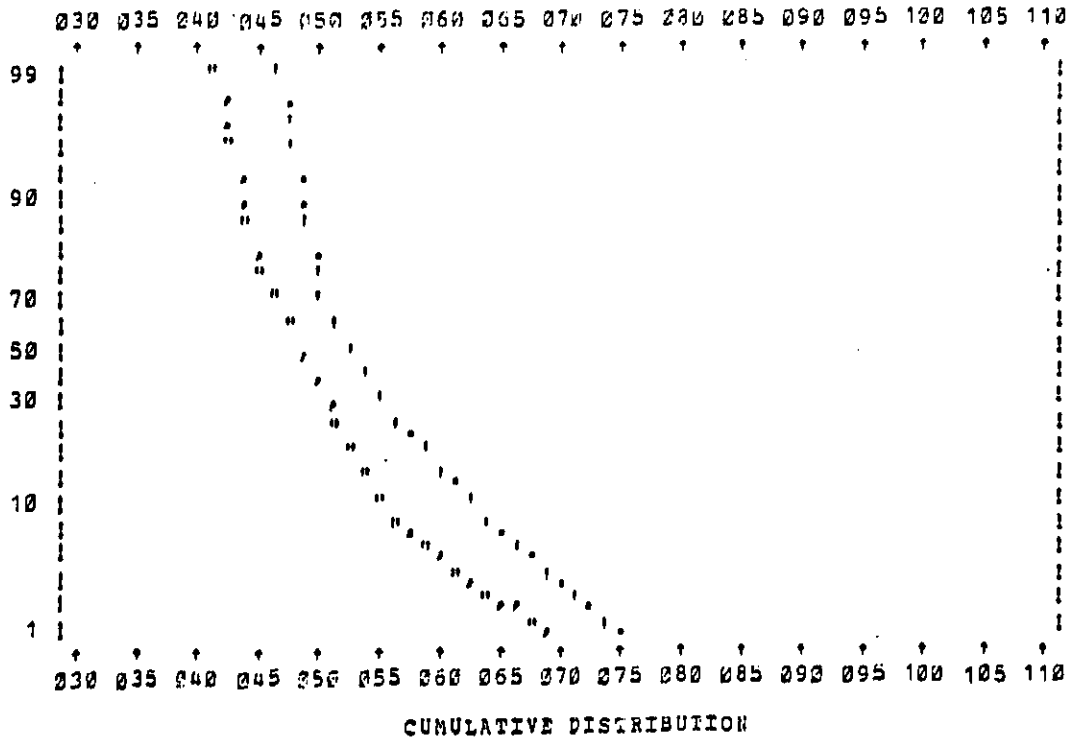
SITE # 1401

HR	MAX	MIN	NPL	SIG	LEQ	TNI	L1	L3	L5	L10	L20
1	75.0	40.0	60.4	3.9	50.5	42.5	62.1	57.2	53.8	50.3	47.3
2	81.3	40.0	72.0	5.6	57.7	52.1	72.5	62.2	57.6	52.5	49.0
3	76.3	38.8	63.6	4.3	52.5	44.4	63.7	57.1	53.3	50.0	48.7
4	78.8	40.0	66.1	4.1	55.6	48.2	68.0	62.1	57.0	54.8	54.1
5	60.0	38.8	59.2	3.0	51.5	42.7	57.3	56.6	55.8	53.5	52.3
6	75.0	42.5	65.7	4.3	54.7	56.1	65.8	59.4	57.4	56.7	55.7
7	80.0	42.5	76.3	6.3	60.1	74.6	73.9	69.1	65.7	60.6	56.1
8	73.8	46.3	80.2	7.2	61.7	93.3	73.2	71.9	70.5	66.5	57.9
9	87.5	43.0	89.0	8.5	67.2	107.5	80.9	76.1	73.6	70.1	61.0
10											
11	88.8	43.8	83.8	7.4	65.0	90.7	78.5	73.8	70.9	66.4	61.5
12	110.0	30.0	90.1	6.5	73.4	83.5	73.5	70.0	67.7	64.6	59.9
13	87.5	45.0	73.3	4.9	60.9	66.8	72.6	67.3	64.7	61.5	58.4
14	85.0	46.3	74.8	5.3	61.2	70.2	73.4	68.8	66.1	62.6	59.1
15	110.0	45.0	82.7	5.3	69.2	66.3	71.8	66.5	64.1	60.4	56.0
16	86.3	45.0	74.3	5.5	60.2	68.2	72.2	67.7	64.8	60.7	56.6
17	83.8	46.3	73.5	5.2	60.1	68.7	72.3	67.0	64.4	61.6	57.8
18	80.0	45.0	71.9	5.1	58.9	70.9	68.8	65.4	64.0	62.4	60.4
19	86.3	45.0	73.6	5.2	60.4	63.7	73.4	67.0	64.0	60.2	56.7
20	86.3	45.0	76.4	5.8	61.6	70.1	75.4	69.5	66.0	61.7	57.8
21	85.0	45.0	77.9	6.1	62.4	76.1	75.4	69.8	67.2	62.9	58.6
22	86.3	43.8	75.0	5.7	60.4	69.8	73.5	69.3	66.5	61.1	56.3
23	81.3	43.8	70.1	4.9	57.6	58.7	71.0	63.4	61.0	57.3	53.8
24	76.3	41.3	70.0	5.4	56.1	58.8	69.7	64.5	60.8	55.3	49.8

HR	L30	L40	L50	L60	L70	L80	L90	L95	L97	L99
1	46.0	45.4	44.8	44.4	44.1	43.6	43.0	42.6	42.4	41.6
2	46.8	45.3	44.5	43.9	43.5	43.0	42.6	42.0	41.7	41.4
3	48.0	47.4	46.5	45.3	44.0	42.8	41.8	41.4	41.0	40.3
4	53.4	52.6	51.7	50.7	49.6	48.4	47.0	45.8	45.0	43.4
5	51.8	51.3	50.8	50.3	49.7	48.9	47.1	43.7	42.4	41.3
6	54.9	52.6	52.7	49.6	48.9	48.1	46.9	45.8	45.3	44.3
7	53.1	51.3	50.0	49.0	48.1	47.2	45.9	45.1	44.6	43.9
8	54.7	51.2	49.6	48.6	48.2	47.9	47.5	46.9	46.6	46.4
9	56.5	53.4	51.3	50.2	49.4	48.5	47.7	47.0	46.6	46.3
10										
11	58.3	55.6	53.4	51.8	50.6	49.5	48.3	47.6	47.0	46.4
12	50.5	54.1	52.4	51.1	50.0	49.2	48.3	47.7	47.5	46.6
13	56.6	55.5	54.7	54.1	53.3	52.2	49.7	48.7	48.1	47.6
14	56.9	55.4	54.3	53.3	52.2	51.1	50.1	49.2	48.9	48.1
15	53.5	52.0	50.9	50.2	49.6	49.1	48.4	47.9	47.7	47.3
16	53.8	52.2	51.1	50.2	49.6	49.0	48.2	47.7	47.5	46.7
17	55.3	53.6	52.3	51.4	50.7	50.0	49.2	48.8	48.4	47.7
18	58.2	55.8	54.0	52.6	51.6	50.6	49.6	48.9	48.5	47.8
19	54.5	53.0	52.0	51.2	50.5	49.8	49.0	48.4	48.0	47.6
20	55.3	53.4	52.2	51.2	50.5	49.7	48.8	48.1	47.8	47.2
21	56.2	54.4	53.1	52.0	51.0	49.8	48.5	47.7	47.3	46.6
22	53.8	52.4	51.4	50.6	49.9	49.1	48.2	47.6	47.2	46.5
23	51.8	50.5	49.6	48.9	48.3	47.7	46.9	46.4	46.2	45.3
24	48.0	47.1	46.5	45.9	45.3	44.7	44.1	43.7	43.2	42.7

FIGURE B-35(b). HOURLY NOISE DATA FOR DALLAS SITE 1401

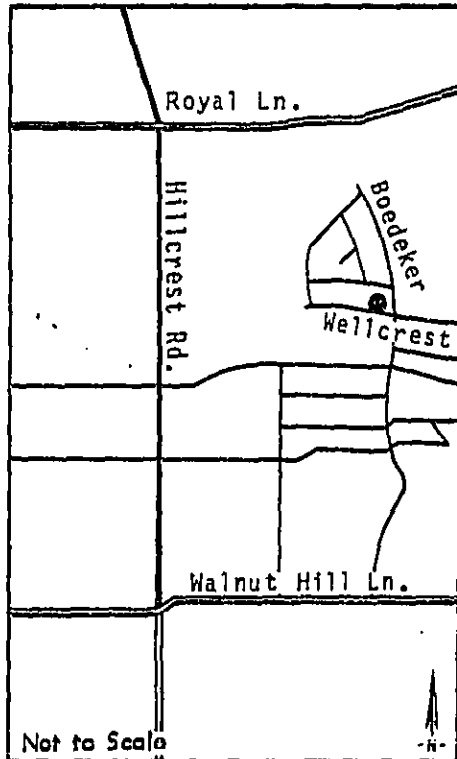
SITE # 1401



	DAY ".."	NIGHT "*,."	WEIGHTING	WEIGHTED LEQ
MAX	12.0	81.3	0.	64.0
MIN	30.0	38.8	5.	65.2
NPL	81.3	69.7	10.	65.9
SIG	6.0	5.3	12.	66.8
LEQ	65.8	56.7		
TNI	74.6	61.9		
L1	75.0	60.8		
L3	69.9	62.0		
L5	66.9	58.7		
L10	62.6	55.7		
L20	58.5	52.8		
L30	55.9	51.1		
L40	54.0	49.7		
L50	52.6	48.6		
L60	51.4	47.5		
L70	50.5	46.2		
L80	49.6	44.9		
L90	48.7	43.6		
L95	47.9	42.7		
L97	47.6	42.3		
L99	46.7	41.4		

FIGURE B-35(c). DAY/NIGHT NOISE DATA FOR DALLAS SITE 1401

BLACK COPY



L_{DN} : 57.8 dB
 ρ : 3,600 $\frac{\text{people}}{\text{sq. mi.}}$

SITE: 1402
Address: 7431 Wellcrest Dr.
Dallas, TX
Microphone Height: 1.5 m.
Distance to Curb: 9.1 m.

ROADWAY TYPE
At Site: Local
Vicinity: Collector

TRAFFIC
At Site: Cars
Vicinity: Cars

OTHER NOISE SOURCES:

FIGURE B-36(a). DESCRIPTION OF DALLAS SITE 1402

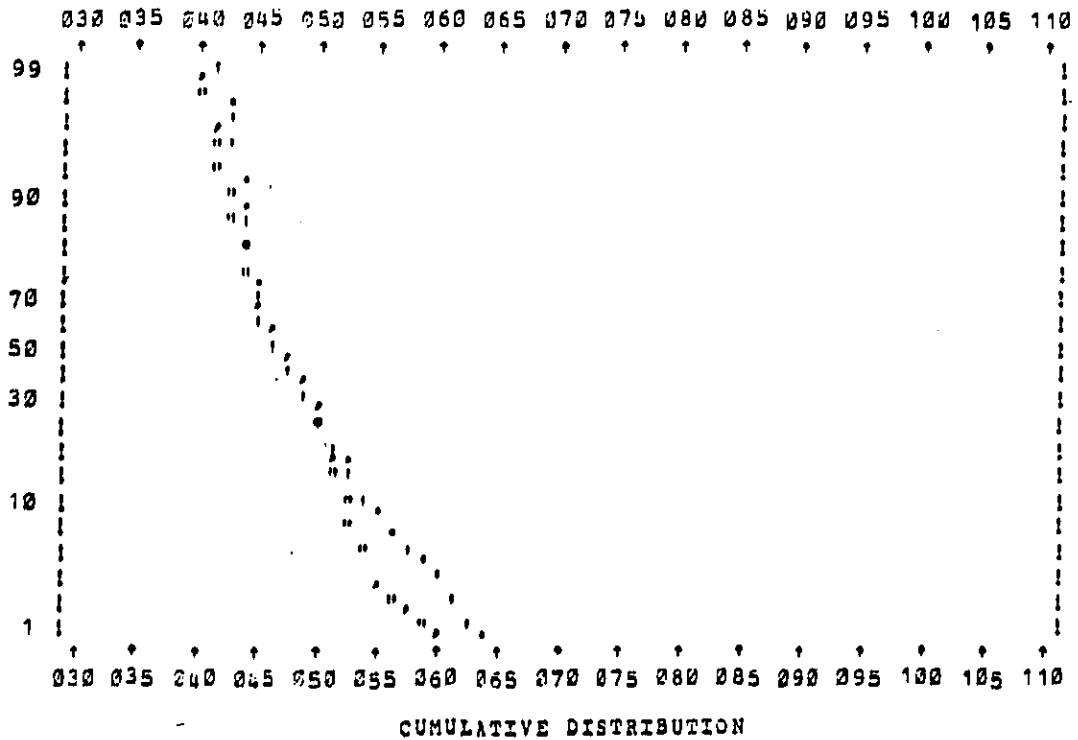
SITE # 1402

HR	MAX	MIN	NPL	SIG	LEQ	TNI	L1	L3	L5	L10	L20
1	70.0	37.5	59.6	4.1	49.0	42.5	61.8	57.0	54.2	49.1	46.6
2	58.6	36.3	54.4	3.3	45.9	46.3	51.9	50.9	50.3	49.3	47.8
3	66.3	36.3	59.3	3.6	50.0	50.5	54.7	53.9	53.6	53.0	52.0
4	68.8	37.5	61.3	4.0	51.1	53.6	60.1	53.9	53.6	53.1	52.2
5	72.5	36.3	59.1	3.5	50.2	40.7	62.6	52.9	51.7	49.8	48.5
6	71.3	40.0	58.7	2.6	52.0	42.9	56.2	54.4	53.7	53.4	52.7
7	71.3	43.8	57.2	2.4	51.0	43.0	57.0	55.7	55.0	53.9	51.5
8	85.0	40.0	70.9	5.0	58.0	54.4	69.5	63.6	60.2	54.5	51.5
9	77.5	38.8	62.3	4.1	51.7	53.5	61.5	57.4	55.7	53.4	51.1
10	78.8	37.5	63.4	4.4	52.1	47.5	64.3	57.4	54.5	51.0	49.0
11	58.8	42.5	56.4	3.8	50.7	53.7	56.3	55.7	55.1	54.1	53.0
12	78.8	40.0	70.4	6.1	54.8	80.5	63.9	61.5	60.9	59.7	51.9
13	72.5	38.8	64.8	5.1	51.8	61.1	62.9	59.5	57.1	54.8	52.4
14	73.6	40.0	58.4	3.4	49.7	38.4	60.2	56.1	52.7	49.6	47.7
15	76.3	41.3	64.3	4.6	52.4	54.2	64.6	60.1	57.3	53.6	50.1
16	78.8	40.0	68.4	5.2	55.0	63.0	66.0	61.1	58.8	56.1	53.8
17	73.8	41.3	63.6	4.3	52.5	47.6	65.4	60.1	57.3	52.4	49.4
18											
19	97.5	41.3	66.9	3.9	56.8	44.4	63.0	57.2	54.7	51.5	49.0
20	85.0	41.3	66.9	5.1	54.0	60.3	65.5	61.0	59.0	55.4	51.4
21	86.3	42.5	66.4	4.3	55.3	59.3	64.6	60.0	58.6	56.9	54.9
22	78.8	41.3	60.0	3.8	50.4	50.1	59.4	55.6	54.2	53.0	51.0
23	73.8	41.3	59.7	3.7	50.3	39.9	62.8	55.9	53.1	49.9	47.2
24	76.3	41.3	65.8	4.9	53.1	56.2	66.2	61.6	57.9	54.1	49.8

HR	L30	L40	L50	L60	L70	L80	L90	L95	L97	L99
1	45.2	44.5	43.9	43.3	42.6	42.0	41.3	40.5	40.2	39.4
2	46.5	45.4	44.4	43.4	42.4	41.4	40.3	39.5	39.1	38.6
3	51.1	50.0	49.1	48.2	47.2	45.8	43.8	41.3	39.9	38.9
4	51.3	50.7	50.1	49.2	47.7	44.9	43.0	42.0	41.5	40.6
5	47.7	47.0	46.3	45.7	45.1	44.1	42.9	41.9	41.4	40.3
6	52.2	51.7	51.2	50.6	49.9	49.0	47.6	45.9	44.9	43.8
7	50.8	50.2	49.7	49.3	48.9	48.3	47.5	46.8	46.4	45.6
8	50.1	49.3	48.5	47.8	47.2	46.1	44.6	43.7	43.2	42.7
9	49.7	48.8	47.9	47.0	46.0	44.8	43.3	42.4	41.8	41.1
10	47.7	46.7	45.8	44.9	44.1	43.2	42.2	41.4	40.9	40.2
11	52.0	52.6	48.8	47.1	46.0	45.1	44.3	43.9	43.8	43.0
12	48.5	46.5	45.4	44.7	44.1	43.5	42.8	42.3	41.9	41.4
13	49.6	47.1	45.7	44.7	44.1	43.4	42.6	42.0	41.6	41.3
14	46.8	46.0	45.5	45.3	44.5	44.0	43.3	42.8	42.6	42.0
15	47.8	46.6	45.8	45.1	44.6	44.1	43.4	42.9	42.7	42.5
16	52.5	51.4	50.3	48.8	46.1	44.7	43.8	43.0	42.6	41.8
17	48.0	47.0	46.2	45.7	45.1	44.6	44.1	43.8	43.4	42.8
18										
19	47.5	46.5	45.8	45.2	44.7	44.3	43.9	43.6	43.1	42.7
20	49.1	47.3	46.1	45.3	44.7	44.2	43.8	43.1	42.8	42.5
21	53.7	52.8	52.3	50.9	49.3	47.7	46.0	45.1	44.6	44.0
22	49.1	47.5	46.3	45.6	45.0	44.5	44.3	43.8	43.3	42.8
23	46.0	45.4	44.9	44.5	44.2	43.8	43.2	42.8	42.7	42.5
24	47.3	46.0	45.3	44.8	44.4	44.0	43.3	42.9	42.7	42.5

FIGURE B-36(b). HOURLY NOISE DATA FOR DALLAS SITE 1402

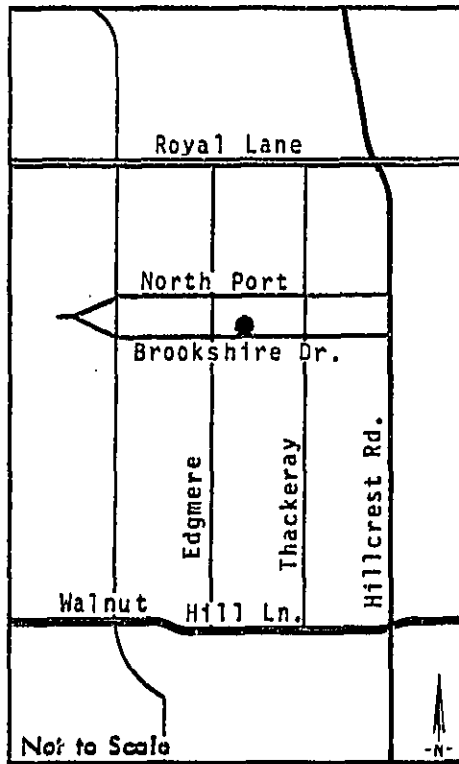
SITE # 1432



	DAY "L"	NIGHT "N"	WEIGHTING	WEIGHTED LEQ
MAX	97.5	76.3	0.	53.1
MIN	37.5	36.3	8.	56.4
NPL	66.5	61.5	10.	57.8
SIG	4.8	4.2	12.	59.3
LEQ	54.1	50.7		
TNI	57.4	52.7		
L1	64.4	60.7		
L3	62.2	55.7		
L5	57.7	53.7		
L10	54.5	52.6		
L20	51.6	51.7		
L30	49.6	49.8		
L40	48.0	48.6		
L50	46.8	47.3		
L60	45.8	45.9		
L70	44.9	44.8		
L80	44.3	43.9		
L90	43.5	42.6		
L95	42.8	41.5		
L97	42.5	40.7		
L99	41.5	39.5		

FIGURE B-36(c). DAY/NIGHT NOISE DATA FOR DALLAS SITE 1402

BLACK COPY



L_{DN} : 61.1 dB
 ρ : 3,600 $\frac{\text{people}}{\text{sq. mi.}}$

SITE: 1403
Address: 6531 Brookshire Dr.
Dallas, TX
Microphone Height: 1.5 m.
Distance to Curb: 13.7 m.

ROADWAY TYPE
At Site: Local
Vicinity: Collector

TRAFFIC
At Site: Cars
Vicinity: Cars

OTHER NOISE SOURCES:
Cicada Locusts

FIGURE B-37(a). DESCRIPTION OF DALLAS SITE 1403

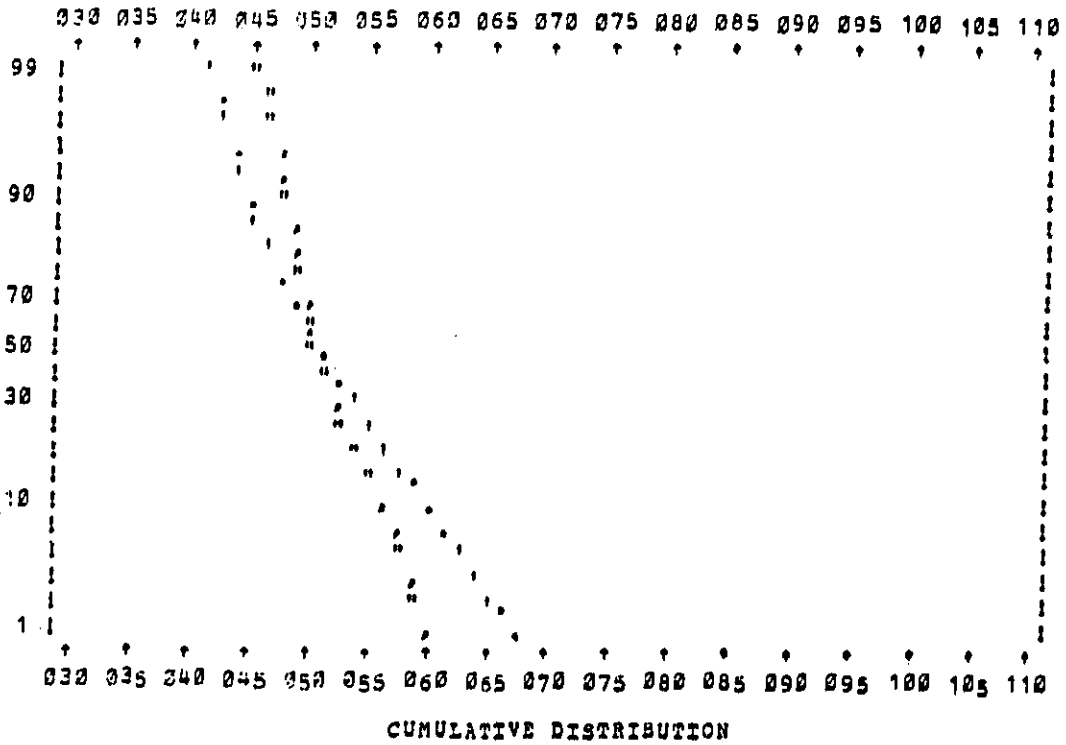
SITE # 1403

HR	MAX	MIN	NPL	SIG	LEO	TNI	L1	L3	L5	L10	L20
1	76.3	42.5	55.3	2.0	50.2	35.7	54.7	53.0	52.4	51.7	50.9
2	58.8	41.3	53.3	1.6	49.2	33.1	53.0	51.2	51.1	50.8	50.3
3	58.8	42.5	55.0	1.7	50.5	34.7	55.8	54.6	53.6	52.3	51.3
4	70.0	42.5	61.9	3.5	53.1	52.6	62.7	58.6	58.0	56.4	53.6
5	75.0	46.3	63.9	3.1	55.9	51.7	64.5	59.6	59.1	58.3	57.0
6	63.8	46.3	62.0	2.6	55.3	49.1	60.8	59.7	59.1	58.2	56.9
7	66.3	43.8	64.4	4.1	54.0	58.5	59.9	59.2	58.5	57.3	56.2
8	77.5	41.3	67.8	4.8	55.4	50.3	69.0	63.6	59.4	53.6	49.9
9	75.0	40.0	62.8	4.5	51.2	55.7	62.7	59.1	57.1	53.7	49.4
10	87.5	37.5	69.7	5.1	56.6	53.3	66.5	58.6	55.7	51.9	47.5
11	103.7	38.8	74.3	5.2	65.0	65.5	65.7	61.8	60.3	57.4	54.5
12	66.3	47.5	60.4	2.5	53.9	43.3	62.1	58.9	57.4	56.0	54.6
13	85.0	47.5	74.8	5.1	61.7	75.1	70.9	68.0	67.0	65.6	63.7
14	78.8	45.0	68.8	4.3	57.8	65.5	65.0	63.2	62.3	61.1	57.5
15	76.3	42.5	69.7	4.9	57.1	68.6	66.4	64.2	63.0	60.7	58.0
16	78.8	42.5	67.2	4.5	55.7	60.7	65.9	62.3	60.5	57.8	54.5
17	81.3	43.8	68.5	4.7	56.6	63.6	67.2	63.0	61.4	58.9	56.4
18	72.5	42.5	63.8	4.1	53.4	54.0	63.5	60.9	58.4	55.7	53.4
19	80.0	42.5	68.9	4.8	56.7	65.7	66.2	62.1	60.7	59.3	57.6
20	75.0	41.3	75.6	6.1	60.0	80.5	70.9	68.2	66.1	63.2	60.4
21											
22	71.3	41.3	60.7	3.1	52.6	43.5	61.8	56.9	55.3	53.9	52.6
23	70.0	43.8	59.5	2.7	52.6	38.6	63.1	57.7	55.2	53.6	52.5
24	77.5	42.5	64.3	3.4	55.5	42.3	66.4	58.4	56.8	54.1	52.2

HR	L30	L40	L50	L60	L70	L80	L90	L95	L97	L99
1	50.5	50.0	49.4	48.7	48.2	47.8	47.0	46.4	46.1	45.0
2	49.7	49.3	48.8	48.4	47.9	47.5	46.8	46.4	46.1	44.9
3	50.8	50.3	49.9	49.5	49.2	48.8	48.1	47.7	47.5	46.6
4	52.0	51.1	50.3	49.6	48.9	48.3	47.7	47.0	46.6	46.3
5	55.4	54.4	53.7	52.9	52.2	51.5	50.5	50.0	49.5	48.9
6	55.8	54.9	54.2	53.5	52.9	52.2	51.3	50.6	50.2	49.5
7	55.3	54.1	52.4	50.2	48.8	47.9	46.9	46.4	45.9	45.3
8	48.5	47.7	47.1	46.5	45.9	45.4	44.7	44.2	44.0	43.8
9	47.2	46.1	45.3	44.7	44.2	43.7	43.0	42.6	42.5	41.7
10	46.0	45.1	44.3	43.6	42.9	42.2	41.4	40.7	40.3	39.5
11	52.6	51.1	49.9	48.7	47.6	46.4	44.8	43.3	42.7	41.6
12	53.7	53.0	52.4	51.9	51.3	50.8	50.2	49.7	49.2	48.8
13	60.9	58.2	56.9	55.7	54.7	53.7	52.5	51.5	51.1	50.1
14	55.5	54.3	53.3	52.4	51.6	50.7	49.6	48.8	48.2	47.5
15	55.7	53.9	52.5	51.3	50.3	49.3	48.1	47.3	46.7	46.0
16	52.8	51.6	50.5	49.6	48.7	47.9	46.9	46.3	45.7	45.2
17	55.1	53.7	52.4	51.2	50.1	48.7	47.4	46.6	46.2	45.4
18	52.0	50.6	49.5	48.6	47.9	47.1	46.3	45.5	45.2	44.4
19	56.5	55.3	54.0	52.2	50.5	49.0	47.2	46.2	45.5	44.5
20	58.9	57.6	56.0	54.2	51.6	49.2	47.4	46.3	45.7	45.1
21										
22	52.0	51.3	50.8	50.4	49.8	48.8	47.3	45.2	44.8	43.5
23	51.6	51.0	50.6	50.2	49.7	49.2	48.6	47.7	47.2	46.5
24	51.5	50.9	50.2	49.7	49.3	48.8	48.0	47.6	46.6	45.3

FIGURE B-37(b). HOURLY NOISE DATA FOR DALLAS SITE 1403

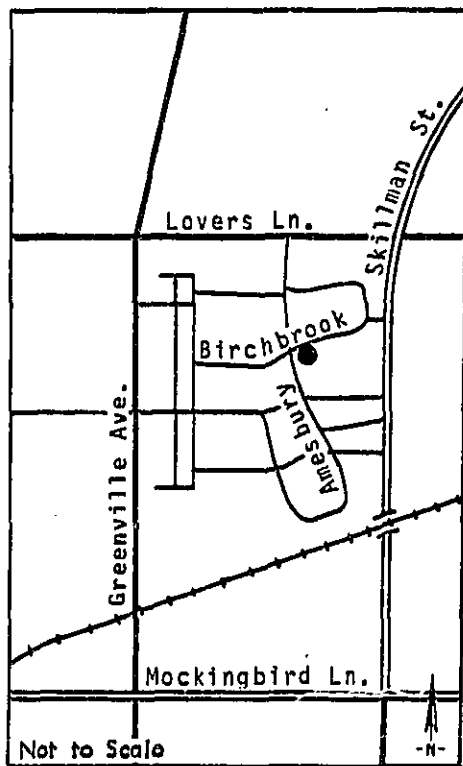
SITE # 1403



	DAY "L"	NIGHT "H",	WEIGHTING	WEIGHTED LEQ
MAX	133.7	77.5	0.	57.3
MIN	37.5	41.3	8.	59.9
NPL	73.5	62.2	10.	61.1
SIG	5.8	3.4	12.	62.5
LEQ	58.6	53.5		
TNI	74.0	51.9		
L1	67.8	60.4		
L3	64.4	58.7		
L5	62.7	57.9		
L10	59.7	56.3		
L20	56.3	54.0		
L30	54.2	52.4		
L40	52.5	51.4		
L50	51.0	50.7		
L60	49.6	50.0		
L70	48.2	49.3		
L80	46.7	48.6		
L90	44.9	47.7		
L95	43.5	47.0		
L97	42.8	46.5		
L99	41.5	45.6		

FIGURE B-37(c). DAY/NIGHT NOISE DATA FOR DALLAS SITE 1403

BLACK COPY



L _{DN} :	61.1 dB
ρ:	3,500 $\frac{\text{people}}{\text{sq. mi.}}$

SITE: 1404
 Address: 6020 Birchbrook, #212
 Dallas, TX
 Microphone Height: 4.3 m.
 Distance to Curb: 11.0 m.

ROADWAY TYPE
 At Site: Local
 Vicinity: Local

TRAFFIC
 At Site: Cars
 Vicinity: Cars

OTHER NOISE SOURCES:

FIGURE B-38(d). DESCRIPTION OF DALLAS SITE 1404

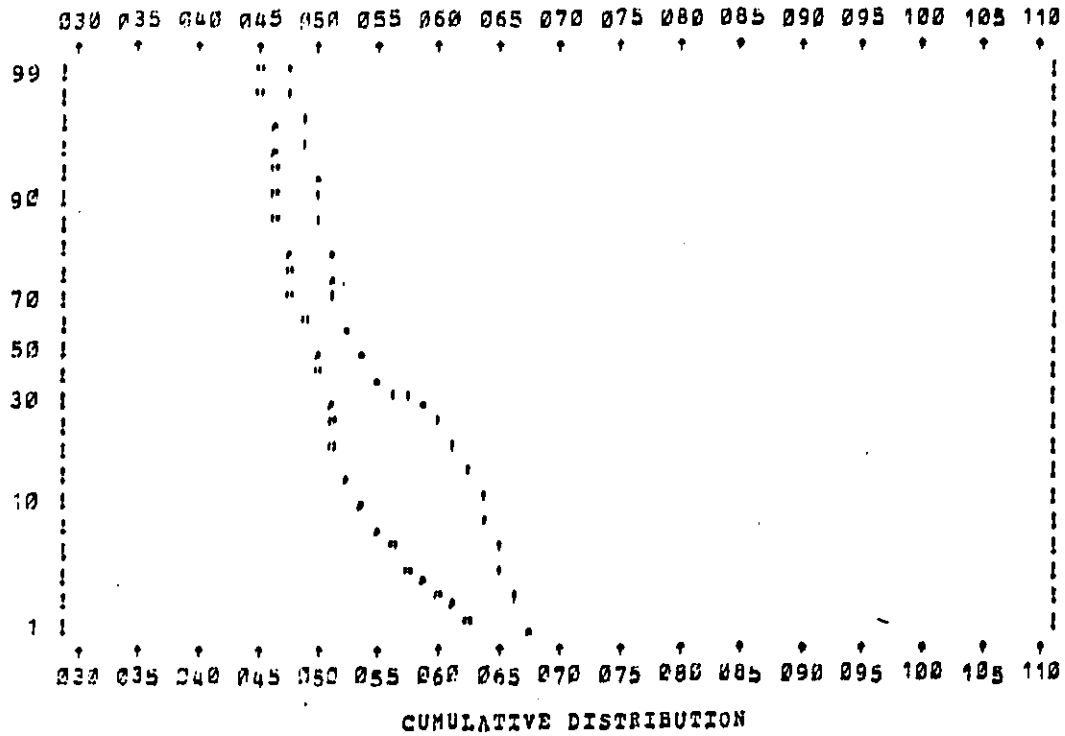
SITE # 1404

HR	MAX	MIN	#PL	SIG	LEQ	TNI	L1	L3	L5	L10	L20
1	81.3	46.3	62.9	3.2	54.9	42.5	64.0	60.1	58.2	55.0	52.6
2	71.3	45.0	55.4	2.0	50.2	31.5	58.6	53.6	52.2	51.0	50.0
3	72.5	45.0	57.9	2.6	51.2	31.8	62.6	55.8	52.7	50.6	49.6
4	71.3	43.8	55.4	2.5	49.9	29.3	61.3	54.7	51.3	49.5	48.4
5	76.3	43.8	65.3	4.3	54.2	42.3	66.8	62.5	58.3	52.1	48.3
6	72.5	43.8	58.0	2.9	50.6	38.7	59.9	56.7	54.5	51.5	49.8
7	72.5	46.3	58.8	2.4	52.7	37.3	61.5	57.3	55.5	53.7	52.6
8	81.3	47.5	65.2	3.5	56.1	52.1	66.1	63.7	62.0	58.4	55.0
9	76.3	43.8	66.8	4.5	55.2	60.8	66.0	62.9	61.1	58.0	54.0
10	72.5	47.5	61.0	2.9	53.5	41.5	63.8	60.1	57.6	54.7	52.5
11	77.5	47.5	64.9	3.6	55.6	52.1	66.3	62.9	60.9	57.9	54.8
12	85.0	47.5	73.9	5.3	60.3	73.6	66.5	65.4	64.8	64.1	62.9
13	73.8	47.5	62.9	3.1	54.9	48.8	64.4	61.7	60.1	57.4	54.6
14	77.5	47.5	72.0	5.0	59.1	73.6	68.5	66.0	65.1	63.9	60.2
15	78.8	48.8	73.7	4.8	61.4	72.0	67.3	65.7	64.9	64.3	63.3
16	77.5	47.5	71.2	3.6	61.9	58.2	68.2	66.1	65.3	64.4	63.4
17	76.3	47.5	69.2	4.5	57.6	67.7	66.4	64.8	63.8	62.0	57.9
18	77.5	47.5	67.2	4.1	56.8	62.3	66.1	63.7	62.7	60.8	57.3
19	83.8	47.5	65.8	3.7	56.4	52.7	65.8	62.8	61.1	58.2	54.9
20	77.5	47.5	74.5	5.8	59.6	79.2	68.4	66.0	65.3	64.3	62.1
21	75.0	48.8	78.2	5.4	64.4	81.8	68.9	68.0	67.4	66.0	66.0
22	86.8	48.8	74.3	5.2	60.9	70.5	69.3	65.9	64.5	63.2	61.7
23	83.8	48.0	61.6	2.7	54.6	42.0	64.2	60.8	58.6	55.9	53.7
24	77.5	47.5	62.6	3.0	54.8	39.4	66.0	61.4	58.3	54.9	52.7

HR	L32	L40	L50	L60	L70	L80	L90	L95	L97	L99
1	51.7	51.1	50.7	50.4	50.1	49.6	49.1	48.9	48.8	48.1
2	49.6	49.2	48.9	48.5	48.2	47.8	47.5	46.9	46.6	46.4
3	49.0	48.6	48.3	48.0	47.8	47.5	46.9	46.6	46.4	46.3
4	48.0	47.5	47.2	47.0	46.7	46.5	46.2	45.6	45.3	45.1
5	47.4	47.2	46.9	46.6	46.3	45.9	45.4	45.2	45.1	44.6
6	49.0	48.4	48.0	47.5	47.0	46.4	45.7	45.3	45.2	45.0
7	52.1	51.7	51.2	50.8	50.4	49.9	49.2	48.8	48.4	47.7
8	53.7	53.1	52.4	52.0	51.6	51.2	50.5	50.1	50.0	49.1
9	51.9	50.7	49.8	49.0	48.4	47.8	47.0	46.6	46.4	45.9
10	51.7	51.1	50.7	50.3	50.0	49.5	49.0	48.6	48.6	47.9
11	53.3	52.3	51.8	51.2	50.8	50.4	49.8	49.2	49.0	48.8
12	61.8	60.1	56.5	53.8	52.5	51.7	50.9	50.4	50.2	49.6
13	53.4	52.6	52.1	51.7	51.3	50.8	50.3	49.9	49.4	48.9
14	56.0	54.1	53.2	52.5	51.9	51.4	50.7	50.2	50.1	49.3
15	62.5	61.7	60.6	59.2	56.6	53.2	51.8	51.2	50.7	50.2
16	62.6	61.9	61.3	60.5	59.6	58.5	56.5	52.4	50.8	49.5
17	55.6	54.1	52.9	52.0	51.2	50.6	50.1	49.4	49.1	48.8
18	54.9	53.7	52.7	52.1	51.4	50.9	50.3	50.1	49.7	49.0
19	53.4	52.4	51.8	51.2	50.8	50.4	50.0	49.4	49.1	48.8
20	57.6	53.9	52.3	51.2	50.6	50.0	49.3	48.9	48.8	48.0
21	65.6	65.1	64.6	63.9	62.8	58.8	51.6	50.7	50.2	49.4
22	60.3	58.0	54.4	52.8	52.0	51.4	50.7	50.3	50.2	50.0
23	52.8	52.3	52.0	51.7	51.4	51.0	50.5	50.2	50.1	50.0
24	52.2	51.6	51.4	51.0	50.7	50.4	50.1	49.8	49.4	49.0

FIGURE B-38(b). HOURLY NOISE DATA FOR DALLAS SITE 1404

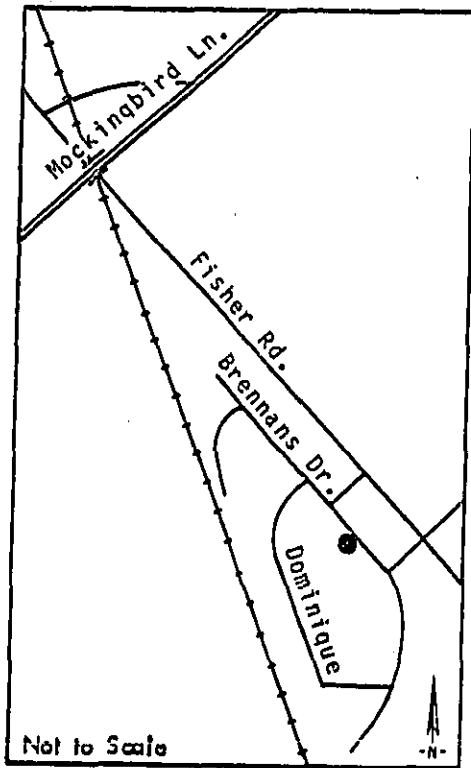
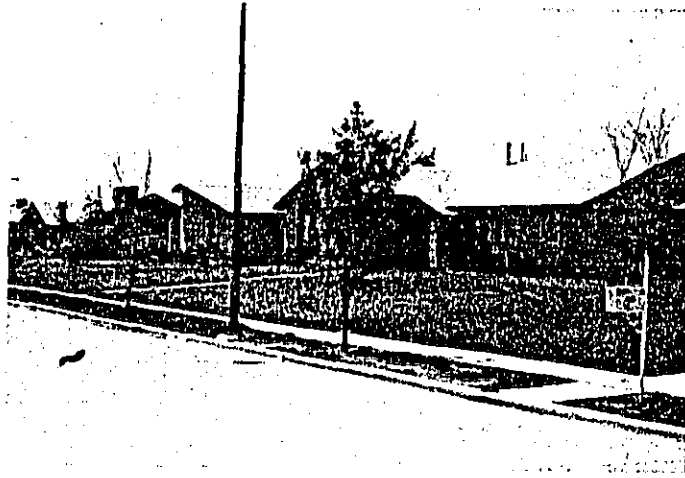
SITE # 1404



	DAY	NIGHT	WEIGHTING	WEIGHTED L2Q
MAX	88.8	83.8	0.	57.9
MIN	43.8	43.8	8.	60.1
NPL	73.4	61.8	10.	61.1
SIG	5.5	3.4	12.	62.4
L5Q	59.4	53.0		
TNI	75.5	44.3		
L1	67.6	63.5		
L3	66.0	58.7		
L5	65.3	56.2		
L10	63.9	53.5		
L20	61.6	52.0		
L30	58.5	51.1		
L40	54.9	50.4		
L50	53.2	49.7		
L60	52.2	48.8		
L70	51.4	48.0		
L80	50.7	47.3		
L90	50.0	46.5		
L95	49.1	46.0		
L97	48.4	45.6		
L99	47.4	45.2		

FIGURE B-38(c). DAY/NIGHT NOISE DATA FOR DALLAS SITE 1404

BLACK COPY



L_{DN} :	56.3	dB
ρ :	3,300	$\frac{\text{people}}{\text{sq. mi.}}$

SITE: 1405
Address: 7314 Brennans Dr.
Dallas, TX
Microphone Height: 1.5 m.
Distance to Curb: 9.1 m.

ROADWAY TYPE

At Site: Local
Vicinity: Local

TRAFFIC

At Site: Cars
Vicinity: Cars

OTHER NOISE SOURCES:

FIGURE B-39(a). DESCRIPTION OF DALLAS SITE 1405

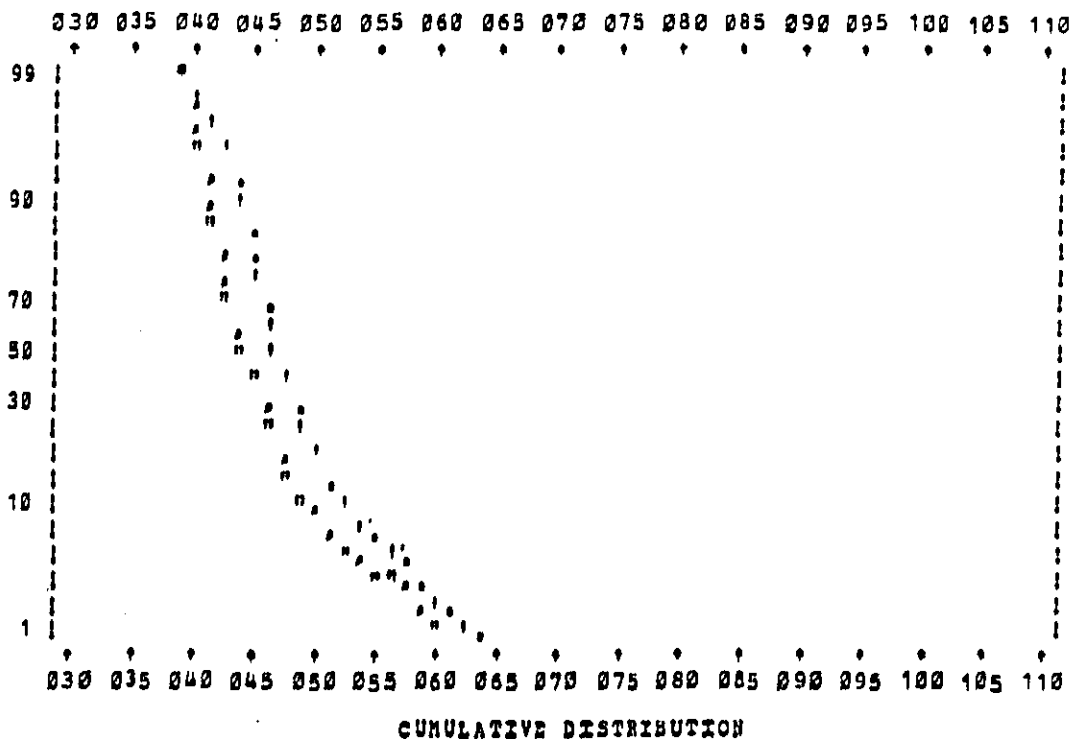
SITE # 1405

HR	MAX	MIN	NPL	SIG	LEQ	TNI	L1	L3	L5	L10	L20
1	71.3	41.3	55.3	2.7	48.5	28.2	58.6	52.1	44.9	47.5	46.5
2	62.5	40.0	47.9	1.6	43.9	24.4	48.6	46.1	45.6	44.8	44.2
3	68.8	37.5	50.1	3.7	48.5	33.1	62.6	53.4	49.0	46.1	44.6
4	66.3	36.3	55.3	3.6	46.2	29.8	59.4	53.1	48.3	44.4	43.2
5	68.8	36.3	64.3	5.3	50.6	60.5	62.9	59.6	58.6	53.2	46.8
6	71.3	37.5	64.4	5.2	51.0	56.6	63.4	59.7	58.0	52.3	45.1
7	67.5	40.0	56.7	3.1	48.9	42.3	57.8	54.7	53.6	51.0	48.9
8	72.5	43.8	55.4	2.1	50.1	32.8	57.9	53.7	52.4	51.1	49.9
9	73.8	40.0	58.1	3.2	49.8	37.1	61.5	55.6	52.6	49.8	48.0
10	80.0	35.0	73.1	6.6	56.2	76.4	70.2	62.6	60.8	56.7	51.1
11	77.5	35.0	68.6	5.9	53.0	60.4	67.0	61.8	57.4	52.1	49.2
12	70.0	41.3	61.3	4.0	51.2	46.7	63.1	58.9	56.3	52.3	49.8
13	76.3	41.3	58.2	3.1	50.1	37.3	59.6	55.1	52.8	49.9	48.0
14	76.3	41.3	63.9	4.5	52.5	59.5	62.9	58.6	57.2	55.7	51.8
15	78.8	41.3	60.9	3.4	52.3	39.9	61.5	56.3	53.7	51.2	49.2
16	75.0	40.0	59.6	3.4	50.8	39.7	62.6	55.6	53.1	50.5	48.3
17	80.0	41.3	61.1	3.7	51.6	47.5	60.7	57.2	55.3	52.6	49.5
18	76.3	41.3	62.6	4.2	51.9	53.5	63.1	59.8	57.7	54.2	51.1
19	71.3	40.0	57.6	3.3	49.0	43.7	59.1	55.7	53.7	51.3	48.6
20	76.3	41.3	62.9	4.1	52.4	47.9	64.3	60.2	57.7	53.2	49.8
21	78.8	43.8	63.7	3.8	54.0	44.7	66.5	62.8	57.5	53.8	52.1
22	78.8	45.0	64.0	4.1	53.6	50.7	65.0	61.0	58.7	55.1	50.2
23	67.5	43.8	56.6	2.6	49.9	35.6	59.5	55.6	53.8	51.1	49.2
24	73.8	42.5	59.7	3.3	51.2	34.4	63.0	56.7	53.6	49.9	47.8

HR	L30	L40	L50	L60	L70	L80	L90	L95	L97	L99
1	45.9	45.5	45.1	44.8	44.5	44.2	43.9	43.6	43.1	42.7
2	43.7	43.4	43.1	42.8	42.5	42.1	41.6	41.4	41.3	41.0
3	43.8	43.2	42.7	42.2	41.7	41.1	40.4	40.0	39.5	39.0
4	42.6	42.0	41.4	40.9	40.4	39.9	39.3	39.0	38.9	38.5
5	44.3	43.5	43.0	42.5	42.0	41.5	40.8	40.2	39.9	39.1
6	43.5	43.0	42.5	42.1	41.8	41.5	40.9	40.4	40.2	39.7
7	48.0	47.3	46.7	46.1	45.5	44.8	43.9	43.2	42.9	42.4
8	49.4	48.9	48.6	48.3	48.0	47.7	47.2	46.7	46.5	46.3
9	47.2	46.6	46.1	45.7	45.3	44.9	44.1	43.6	43.1	42.6
10	48.7	47.0	45.8	44.6	43.2	41.6	40.1	39.1	38.6	37.7
11	47.5	46.1	44.9	43.9	42.6	40.9	39.3	38.3	37.8	37.0
12	48.3	47.2	46.4	45.9	45.3	44.8	44.2	43.9	43.7	42.9
13	47.1	46.5	46.0	45.6	45.3	44.8	44.2	43.8	43.5	42.8
14	48.9	47.6	46.9	46.3	45.8	45.3	44.5	44.0	43.8	43.0
15	48.3	47.7	47.1	46.6	46.1	45.5	44.9	44.2	44.0	43.3
16	47.3	46.8	46.2	45.8	45.4	44.9	44.2	43.8	43.3	42.7
17	47.9	47.0	46.3	45.9	45.4	45.0	44.3	43.9	43.8	43.1
18	49.8	48.9	48.0	47.1	46.1	45.3	44.5	44.0	43.8	43.1
19	47.3	46.4	45.9	45.4	44.9	44.3	43.8	43.2	42.9	42.6
20	48.5	47.7	47.1	46.6	46.1	45.5	44.9	44.3	44.1	43.8
21	51.1	50.5	49.9	49.3	48.7	47.7	46.8	46.4	46.2	45.4
22	48.7	48.2	47.8	47.4	47.1	46.8	46.5	46.3	46.3	45.6
23	48.5	48.1	47.7	47.3	47.0	46.7	46.3	45.8	45.5	45.2
24	47.1	46.7	46.2	45.9	45.6	45.3	45.0	44.5	44.2	43.9

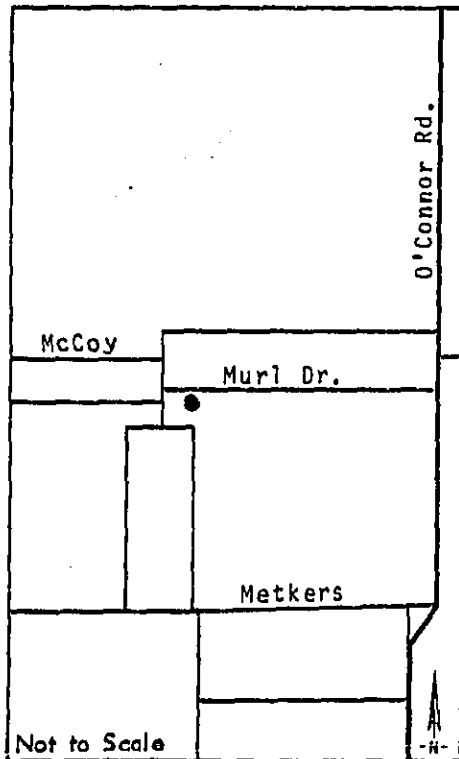
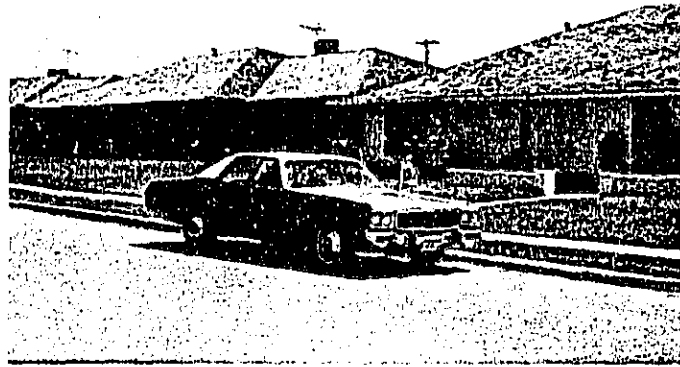
FIGURE B-39(b). HOURLY NOISE DATA FOR DALLAS SITE 1405

SITE # 1405



	DAY 'd'	NIGHT 'n'	WEIGHTING	WEIGHTED LEQ
MAX	80.0	73.8	0.	51.5
MIN	35.0	36.3	8.	54.9
NPL	63.4	59.9	10.	56.3
SIG	4.3	4.1	12.	57.8
LEQ	52.4	49.2		
TNI	48.5	44.7		
L1	63.8	60.0		
L3	58.8	56.6		
L5	56.2	53.2		
L10	52.6	49.5		
L20	50.0	47.4		
L30	48.7	46.7		
L40	47.8	45.4		
L50	47.1	44.4		
L60	46.4	43.5		
L70	45.7	42.8		
L80	45.1	42.0		
L90	44.0	41.1		
L95	42.9	40.3		
L97	41.4	39.8		
L99	39.1	39.1		

FIGURE B-39(c). DAY/NIGHT NOISE DATA FOR DALLAS SITE 1405



L_{DN} :	61.6 dB
ρ :	4,200 $\frac{\text{people}}{\text{sq. mi.}}$

SITE: 1406
 Address: 800 Murl
 Irving, TX
 Microphone Height: 1.5 m.
 Distance to Curb: 10.0 m.

ROADWAY TYPE
 At Site: Local
 Vicinity: Local

TRAFFIC
 At Site: Cars
 Vicinity: Cars, Motorcycles

OTHER NOISE SOURCES:

FIGURE B-40(a). DESCRIPTION OF DALLAS SITE 1406

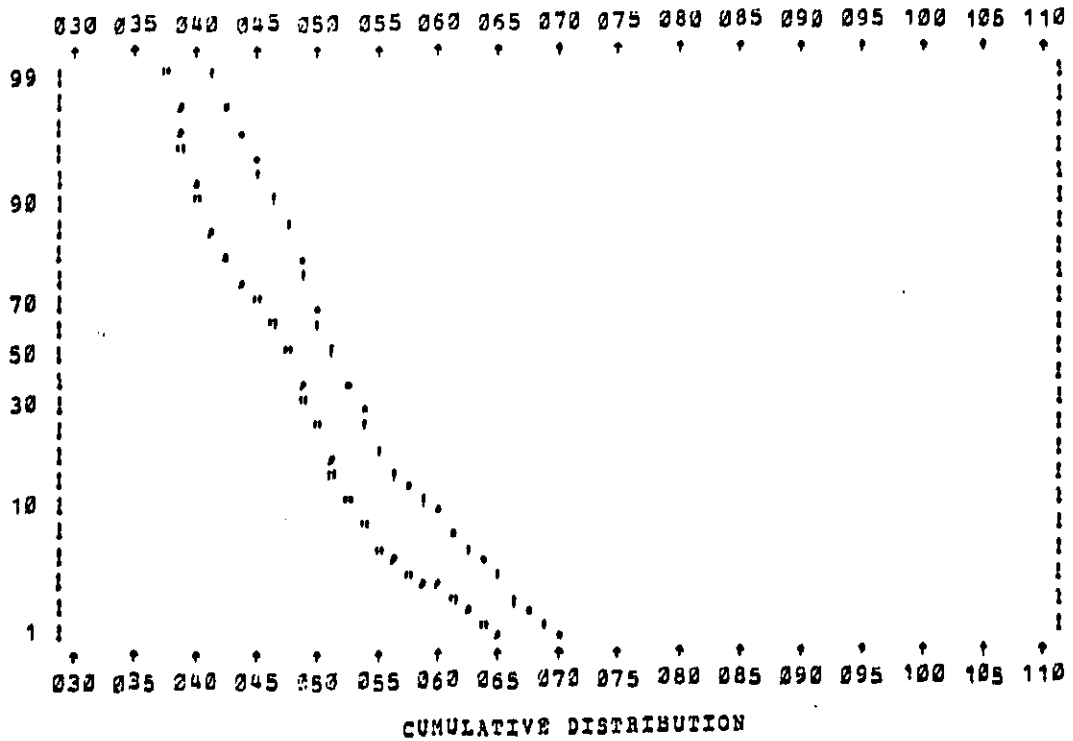
SITE # 1406

HR	MAX	MIN	MPL	SIG	LEQ	TNI	L1	L3	L5	L10	L20
1	77.5	37.5	63.4	4.4	52.0	49.2	63.6	60.0	55.0	51.3	49.6
2	73.8	37.5	62.9	4.3	51.9	48.1	64.8	56.0	53.4	50.9	49.4
3	78.8	36.3	64.2	5.5	55.0	54.1	68.2	60.0	55.4	51.1	48.6
4	77.5	35.0	58.8	4.0	48.4	44.2	54.1	51.0	49.0	47.7	46.8
5	60.0	35.0	55.2	4.0	44.9	47.9	52.1	49.9	48.9	47.9	46.9
6	77.5	36.3	59.4	4.0	48.8	49.3	56.1	52.5	51.5	50.0	48.6
7	81.3	41.3	68.6	4.7	56.5	55.2	68.6	63.8	60.9	56.2	53.2
8	78.8	45.0	70.2	4.6	58.5	56.4	72.0	65.7	63.1	58.4	55.1
9	76.3	43.8	65.0	3.9	55.0	51.9	66.1	62.0	59.3	56.2	53.8
10	76.3	40.0	68.2	4.8	55.9	61.0	67.4	62.9	60.3	57.5	55.5
11	80.0	37.5	74.8	6.5	58.1	72.5	71.5	66.1	63.1	57.6	54.6
12	88.8	38.0	74.8	6.1	59.3	72.2	72.4	66.7	63.5	58.7	53.8
13	76.3	37.5	69.6	5.9	54.4	71.4	66.4	63.5	61.3	56.4	50.5
14	87.5	45.8	90.9	8.2	70.8	97.5	84.0	79.8	77.1	69.9	58.6
15	97.5	46.3	75.7	5.3	62.1	69.8	72.3	68.1	65.8	62.2	57.4
16	82.5	43.8	71.8	5.1	58.7	66.6	70.9	66.1	63.9	60.2	56.0
17	80.0	42.5	68.6	4.6	56.3	65.2	67.6	64.1	62.4	59.1	54.8
18	83.8	43.8	73.5	5.6	59.3	73.8	71.9	66.6	64.4	61.5	56.8
19	81.3	43.8	69.6	4.7	57.5	64.4	68.6	65.0	63.2	59.8	55.9
20	83.8	42.5	68.7	4.6	56.9	60.0	66.9	63.3	61.1	57.7	54.3
21	78.8	45.0	68.5	4.4	57.2	61.5	67.8	64.3	62.3	59.5	56.5
22	83.8	45.0	72.4	4.5	60.9	53.1	73.7	66.2	63.2	58.6	55.9
23	77.5	42.5	64.4	3.6	55.3	46.4	66.2	62.1	59.0	55.7	53.8
24	82.5	42.0	70.5	4.4	59.1	44.5	73.2	63.8	59.5	54.6	52.3

HR	L30	L40	L50	L60	L70	L80	L90	L95	L97	L99
1	48.7	48.1	47.5	46.7	45.4	43.5	42.0	41.3	40.8	40.2
2	48.6	47.9	47.2	46.2	44.5	43.0	41.8	41.2	40.7	40.2
3	47.6	46.9	46.1	44.0	42.4	41.3	40.0	39.1	38.8	37.9
4	45.9	43.5	41.9	41.0	40.4	39.8	38.9	38.1	37.8	37.1
5	46.2	45.2	42.9	41.0	39.9	38.8	37.9	37.3	36.9	36.4
6	47.6	46.6	45.5	44.1	42.8	41.6	40.3	39.5	39.1	38.8
7	51.7	50.7	49.9	49.1	48.4	47.6	46.5	45.6	45.1	44.0
8	53.8	52.9	52.2	51.5	50.8	50.1	49.1	48.3	47.8	47.1
9	52.6	51.8	51.3	50.4	49.7	48.8	47.6	46.7	46.3	45.4
10	54.1	52.9	51.8	50.7	49.6	48.3	46.3	44.3	43.5	42.6
11	52.7	50.7	49.8	47.8	46.2	44.4	42.7	41.6	41.0	40.2
12	52.2	51.2	50.4	49.5	48.4	46.5	44.2	42.9	42.3	41.0
13	49.1	48.3	47.4	46.1	44.4	42.9	41.4	40.3	39.8	38.9
14	54.9	53.5	52.9	52.3	51.9	51.4	50.7	50.3	50.2	49.9
15	55.0	53.6	52.7	52.0	51.3	50.6	49.6	49.0	48.6	47.8
16	53.7	52.6	51.7	51.0	50.2	49.3	48.1	47.2	46.7	46.1
17	52.9	51.7	50.8	50.0	49.2	48.3	47.0	46.2	45.7	45.1
18	53.8	52.4	51.6	50.8	50.1	48.8	47.4	46.6	46.3	45.4
19	53.9	52.8	52.0	51.2	50.5	49.6	48.3	47.2	46.6	45.6
20	52.4	51.2	50.5	49.8	49.1	48.2	47.0	46.3	45.8	45.1
21	55.2	54.2	53.2	52.3	51.3	50.2	48.8	47.6	47.0	46.4
22	54.5	53.5	52.9	52.3	51.9	51.4	50.4	49.7	49.2	48.4
23	52.9	52.2	51.5	50.9	50.5	50.0	48.9	47.8	47.1	46.1
24	51.8	51.3	50.8	50.3	49.8	49.1	48.0	46.9	45.9	44.2

FIGURE B-40(b). HOURLY NOISE DATA FOR DALLAS SITE 1406

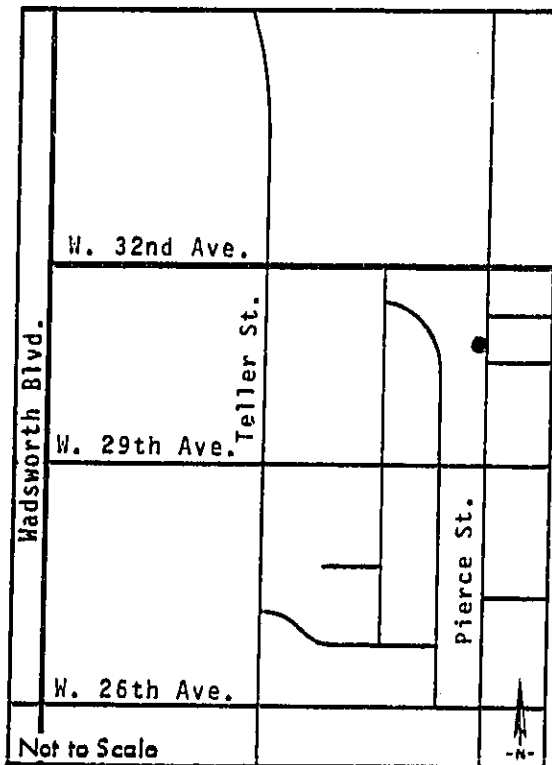
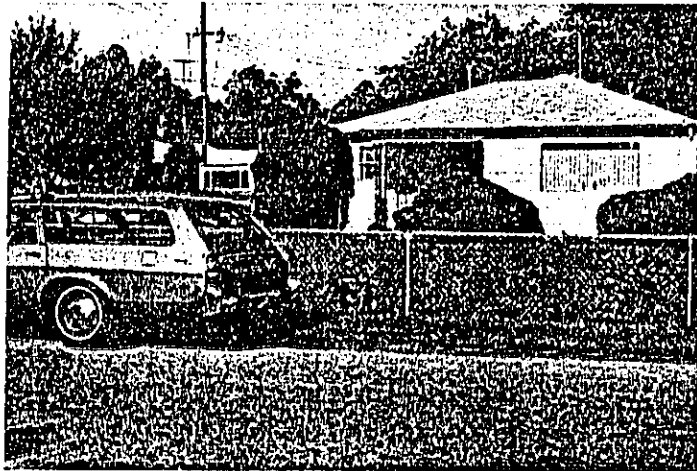
SITE # 1406



	DAY	NIGHT	WEIGHTING	WEIGHTED LEQ
MAX	97.5	82.5	0.	57.4
MIN	37.5	35.0	8.	60.4
NPL	72.4	68.2	10.	61.6
SIG	5.4	5.4	12.	63.1
LEQ	58.6	54.3		
THI	66.2	60.7		
L1	70.0	65.7		
L3	65.2	58.9		
L5	62.9	55.6		
L10	59.8	52.9		
L20	55.4	51.0		
L30	53.6	49.8		
L40	52.4	48.6		
L50	51.5	47.5		
L60	50.6	46.5		
L70	49.7	44.8		
L80	48.5	42.2		
L90	46.6	40.4		
L95	44.6	39.2		
L97	43.1	38.5		
L99	41.3	37.6		

FIGURE B-40(c). DAY/NIGHT NOISE DATA FOR DALLAS SITE 1406

BLACK COPY



L _{DN} :	62.6 dB
ρ :	5,400 $\frac{\text{people}}{\text{sq. mi.}}$

SITE: 1101
Address: 3035 Pierce
Wheat Ridge, CO
Microphone Height: 1.5 m.
Distance to Curb: 9.1 m.

ROADWAY TYPE
At Site: Collector
Vicinity: Collector

TRAFFIC
At Site: Cars
Vicinity: Cars

OTHER NOISE SOURCES:

FIGURE B-41(a). DESCRIPTION OF DENVER SITE 1101

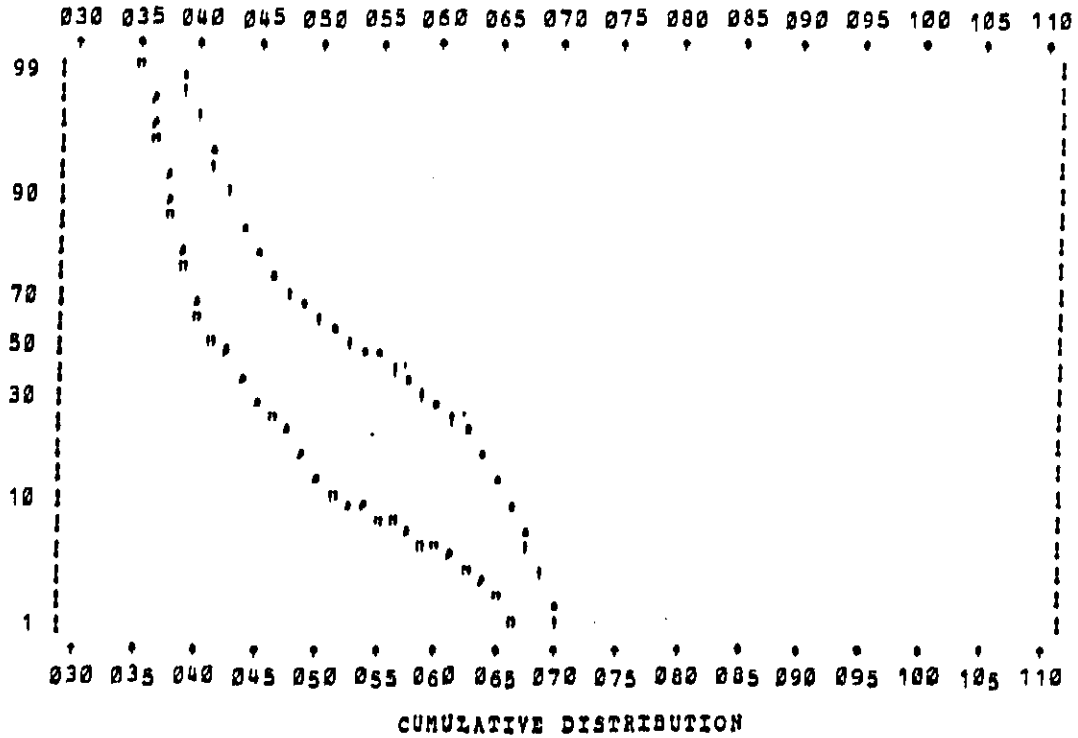
SITE # 1101

HR	MAX	MIN	NPL	SIG	LEO	TNI	L1	L3	L5	L10	L20
1	73.8	33.8	66.4	5.9	51.2	55.7	65.4	60.0	56.0	49.4	43.9
2	75.0	33.8	62.5	5.0	49.8	38.9	64.0	54.8	49.6	44.6	41.8
3	76.3	32.5	58.9	4.4	47.7	39.6	59.2	48.9	46.7	44.1	41.4
4	73.8	33.8	60.5	4.5	49.1	33.7	63.7	51.2	46.8	43.6	41.6
5	71.3	33.8	52.9	3.3	44.6	32.6	53.8	47.0	45.2	43.5	41.7
6	73.8	36.3	64.0	4.7	52.0	45.6	65.8	60.2	54.8	50.0	48.0
7	81.3	43.8	74.6	6.2	58.8	80.1	69.8	67.7	66.1	63.2	58.3
8	92.5	42.5	87.1	8.0	66.7	98.3	77.9	72.8	70.4	67.4	64.6
9	92.5	36.3	83.3	8.8	60.7	102.4	70.5	67.7	66.4	64.1	60.0
10	86.3	35.0	87.4	10.0	61.9	112.5	72.6	68.3	67.1	64.9	61.2
11	83.8	35.0	84.8	9.1	61.4	107.3	71.0	68.5	67.3	65.4	62.3
12	88.8	37.5	84.1	8.7	62.0	106.3	70.2	68.2	67.2	65.6	62.7
13	76.3	37.5	80.8	7.7	61.0	99.7	69.6	67.8	66.9	65.4	63.1
14	76.3	36.3	85.7	9.8	60.7	112.4	69.9	68.1	67.2	65.6	63.0
15	85.0	35.0	85.8	9.4	61.8	109.5	70.7	68.3	67.2	65.8	63.4
16	76.3	37.5	83.9	9.0	60.9	106.9	70.2	68.5	67.5	65.9	63.2
17	78.8	42.5	82.1	6.6	65.1	92.1	72.4	71.2	70.5	69.2	67.5
18	78.8	40.0	83.6	8.2	62.6	102.1	71.0	69.7	68.9	67.5	65.2
19	85.0	38.8	83.0	8.2	61.9	100.8	71.6	68.9	67.7	66.0	63.0
20	82.5	40.0	82.7	8.1	62.0	98.9	71.2	69.1	68.0	66.1	63.2
21	80.0	40.0	79.4	7.5	60.3	94.0	69.8	68.2	67.1	65.1	61.9
22	87.5	38.8	78.5	7.6	59.2	94.2	69.4	67.3	66.1	63.6	58.7
23	76.3	37.5	74.2	7.0	56.2	84.4	68.4	65.7	64.0	59.7	51.4
24	76.3	36.3	71.7	6.5	55.0	71.1	68.1	64.6	61.7	55.5	48.5

HR	L30	L40	L50	L60	L70	L80	L90	L95	L97	L99
1	42.2	41.1	40.3	39.6	39.0	38.2	37.3	36.5	36.1	35.3
2	40.6	39.8	39.2	38.6	37.9	37.3	36.5	35.9	35.5	35.1
3	39.8	38.7	38.0	37.4	36.9	36.4	35.6	35.2	34.9	34.1
4	40.6	39.8	39.3	38.7	38.2	37.7	36.9	36.4	36.0	35.3
5	40.7	39.9	39.4	38.9	38.4	37.9	37.2	36.6	36.4	35.7
6	46.9	46.0	45.3	44.5	43.7	42.8	41.5	40.5	39.9	38.9
7	54.2	51.5	50.2	49.4	48.7	48.1	47.5	46.7	46.4	45.7
8	62.8	60.9	58.7	56.1	52.5	49.8	47.1	45.6	44.9	44.0
9	56.0	51.5	48.0	45.3	43.7	42.5	41.3	40.4	40.1	39.1
10	57.1	52.7	48.4	45.2	42.8	40.9	39.0	37.9	37.3	36.5
11	58.9	55.4	51.8	48.3	45.4	43.3	41.5	40.3	39.6	38.3
12	59.6	57.2	54.9	51.4	48.3	44.8	42.0	40.7	40.1	39.1
13	60.8	58.5	56.6	54.5	51.7	48.0	43.9	42.0	41.2	40.0
14	59.9	56.2	51.8	47.4	44.2	41.9	40.0	38.9	38.3	37.7
15	60.5	56.9	53.2	49.5	46.1	43.4	41.2	40.0	39.2	38.0
16	60.1	56.0	52.0	48.8	46.1	44.0	42.3	41.5	41.0	40.2
17	66.0	64.4	62.3	59.8	57.1	54.3	51.6	50.0	49.2	47.7
18	62.9	60.0	56.5	52.8	49.9	47.9	45.9	44.9	44.3	43.3
19	60.2	56.9	53.5	50.4	48.0	46.2	44.4	43.3	42.8	42.0
20	59.8	56.1	52.6	49.9	48.0	46.5	45.1	44.1	43.8	42.8
21	58.4	54.6	51.8	49.7	48.2	46.8	45.5	44.6	44.1	43.2
22	54.3	51.3	49.1	47.3	45.9	44.7	43.4	42.5	42.0	41.3
23	47.7	45.9	44.7	43.7	43.0	42.3	41.4	40.7	40.4	40.0
24	46.1	44.8	43.8	43.0	42.2	41.4	40.3	39.6	39.1	38.6

FIGURE B-4(b). HOURLY NOISE DATA FOR DENVER SITE 1101

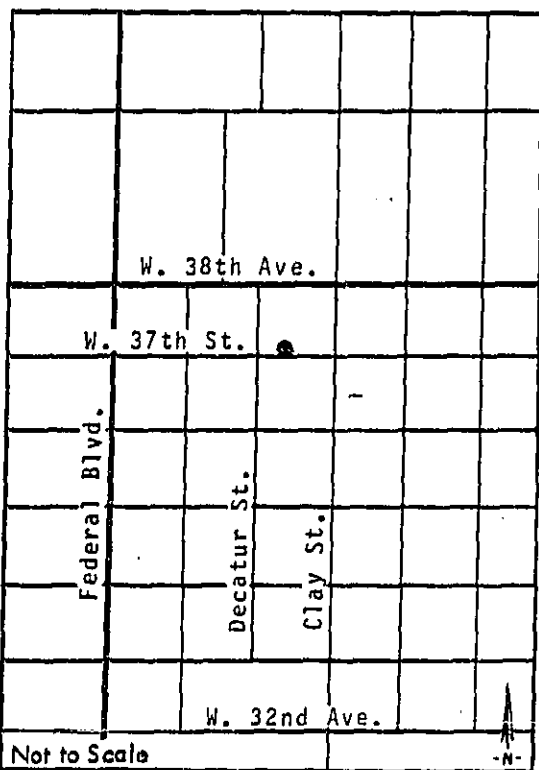
SITE # 1101



	DAY "."	NIGHT "n"	WEIGHTING	WEIGHTED LEQ
MAX	92.5	81.5	0.	60.2
MIN	35.0	32.5	8.	61.7
NPL	84.7	71.2	10.	62.6
SIG	8.9	6.9	12.	63.6
LEQ	61.8	53.6		
TNI	100.0	68.3		
L1	71.0	67.1		
L3	69.0	63.1		
L5	67.9	59.6		
L10	66.1	52.5		
L20	63.3	48.0		
L30	60.2	45.4		
L40	56.8	43.4		
L50	53.4	41.9		
L60	50.1	40.6		
L70	47.4	39.5		
L80	45.0	38.4		
L90	42.5	37.2		
L95	40.9	36.5		
L97	40.1	36.0		
L99	38.5	35.2		

FIGURE B-41(c). DAY/NIGHT NOISE DATA FOR DENVER SITE 1101

BLACK COPY



L_{DN} : 58.3 dB
 ρ : 11,300 $\frac{\text{people}}{\text{sq. mi.}}$

SITE: 1103
Address: 2741 W. 37th
Denver, CO
Microphone Height: 1.5 m.
Distance to Curb: 6.1 m.

ROADWAY TYPE
At Site: Local
Vicinity: Local

TRAFFIC
At Site: Cars
Vicinity: Cars

OTHER NOISE SOURCES:

FIGURE 3-42(a). DESCRIPTION OF DENVER SITE 1103

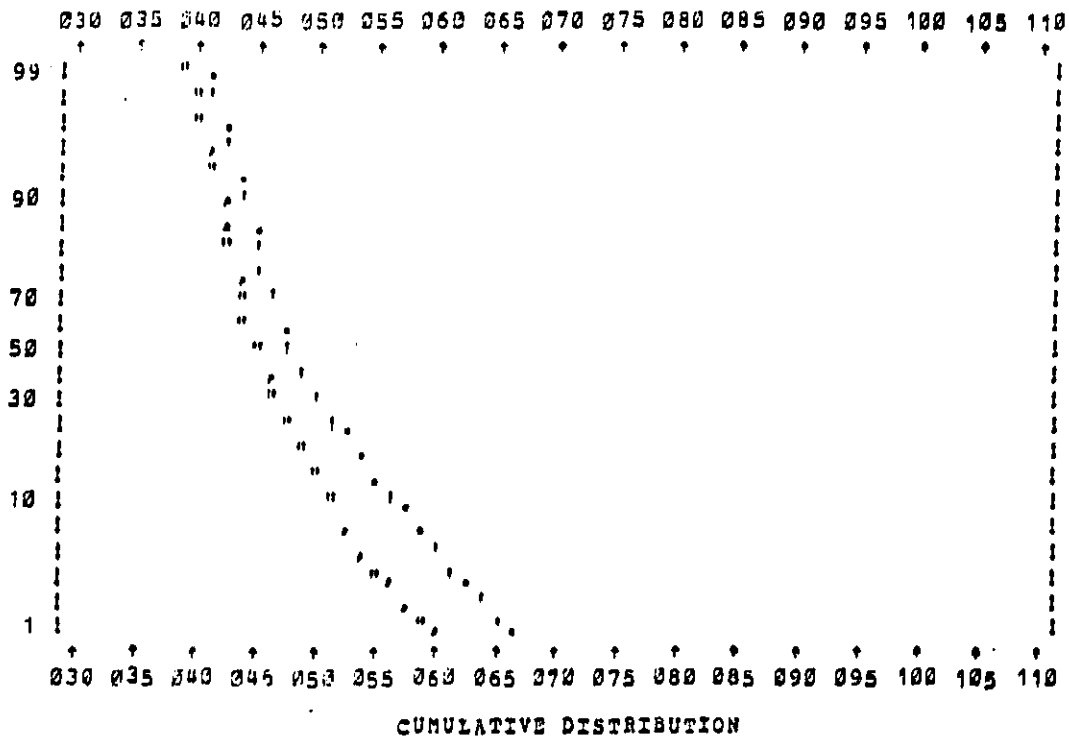
SITE # 1123

HR	MAX	MIN	NPL	SIG	LEQ	TNI	L1	L3	L5	L10	L20
1	78.8	38.8	59.8	3.4	51.0	35.2	61.2	53.7	51.0	48.3	46.7
2	77.5	37.5	58.6	3.7	49.1	36.7	60.4	54.6	51.4	47.6	45.2
3	70.0	36.3	55.7	3.5	46.8	37.8	58.6	53.3	50.4	47.4	45.2
4	70.0	36.3	56.7	3.3	48.1	35.5	58.1	49.1	47.8	46.4	45.2
5	62.5	37.5	51.3	2.3	45.5	33.3	51.8	49.6	48.6	47.3	46.1
6	73.8	41.3	58.4	3.3	50.0	44.2	59.7	55.8	53.9	51.8	50.0
7	78.8	45.0	56.0	3.7	56.5	42.1	70.6	62.1	58.3	54.8	53.0
8	75.0	45.0	67.0	4.4	55.7	61.2	66.3	63.8	62.2	58.7	54.6
9	75.0	37.5	69.8	5.9	54.8	69.0	67.3	63.1	60.3	56.5	52.8
10	78.8	36.3	67.7	5.8	52.7	68.8	64.5	60.9	58.7	55.4	51.3
11											
12	80.0	40.0	67.6	4.8	55.4	54.7	67.0	61.6	59.0	54.6	51.3
13	77.5	38.5	67.6	5.4	53.9	65.6	65.9	62.0	59.8	56.1	52.4
14	78.8	40.0	66.6	4.8	54.3	54.5	67.0	61.0	57.6	54.0	50.8
15	76.3	40.0	66.8	4.8	54.5	52.5	67.7	61.5	58.2	53.6	50.0
16	83.8	38.8	74.2	5.9	59.1	61.3	72.9	63.6	59.6	55.0	50.1
17	92.5	41.3	73.3	4.7	58.1	67.0	66.8	63.9	62.4	60.2	57.8
18	81.3	42.5	69.4	4.9	56.8	63.9	67.8	63.5	61.4	58.5	55.4
19	77.5	41.3	66.8	5.1	55.8	63.5	67.5	63.5	61.3	57.6	53.7
20	75.0	41.3	61.5	3.8	51.7	46.8	62.6	58.8	56.4	52.8	50.1
21	78.8	42.5	63.8	4.2	53.2	53.2	64.7	60.5	58.5	55.1	51.8
22	73.8	42.5	62.8	4.0	52.5	51.8	63.5	60.6	58.7	54.7	51.0
23	73.8	42.5	58.6	3.3	50.2	43.4	60.3	56.7	54.9	52.2	49.5
24	73.8	40.0	56.8	3.1	48.8	37.5	58.6	54.5	52.2	49.3	47.4

HR	L30	L45	L50	L60	L70	L80	L90	L95	L97	L99
1	45.9	45.3	44.8	44.3	43.9	43.4	42.7	42.1	41.7	41.3
2	44.4	43.7	43.3	42.8	42.4	41.8	41.3	40.6	40.3	39.8
3	44.4	43.7	43.2	42.7	42.2	41.5	40.6	39.9	39.3	38.8
4	44.4	43.6	43.1	42.5	41.8	41.1	40.1	39.3	39.0	38.5
5	45.5	44.8	44.4	43.9	43.4	42.8	42.0	41.4	41.1	40.3
6	49.0	48.2	47.5	46.9	46.2	45.4	44.3	43.6	43.1	42.6
7	52.1	51.5	51.0	50.6	50.2	49.7	49.1	48.7	48.1	47.6
8	52.5	51.6	50.8	50.1	49.4	48.7	47.9	47.5	47.0	46.5
9	50.3	48.4	47.0	45.8	44.6	43.5	42.3	41.6	41.3	40.3
10	48.0	46.0	44.0	43.8	42.9	42.0	40.9	40.2	39.7	38.9
11										
12	49.5	48.4	47.5	46.9	46.2	45.5	44.6	44.0	43.7	42.8
13	50.0	48.3	47.0	45.9	45.0	44.1	43.0	42.3	41.8	41.3
14	49.1	47.9	46.9	46.1	45.4	44.6	43.8	43.1	42.7	41.9
15	48.4	47.4	46.7	46.0	45.3	44.6	43.9	43.2	42.8	42.2
16	48.2	47.1	46.2	45.5	44.8	44.0	42.9	42.1	41.6	40.8
17	56.3	55.0	54.1	53.2	52.2	50.6	47.9	46.1	45.3	44.0
18	53.5	52.2	51.2	50.1	48.9	47.9	46.7	45.9	45.4	44.5
19	51.3	49.9	48.8	48.0	47.2	46.5	45.6	45.1	44.5	43.8
20	48.7	47.9	47.2	46.6	46.1	45.5	44.9	44.2	44.0	43.4
21	49.9	48.8	48.1	47.4	46.9	46.4	45.7	45.3	45.1	44.4
22	49.5	48.6	48.0	47.4	46.9	46.4	45.6	45.2	45.0	44.1
23	48.2	47.4	46.9	46.5	46.0	45.6	45.1	44.6	44.2	43.9
24	46.7	46.1	45.6	45.1	44.6	44.0	43.2	42.7	42.5	41.7

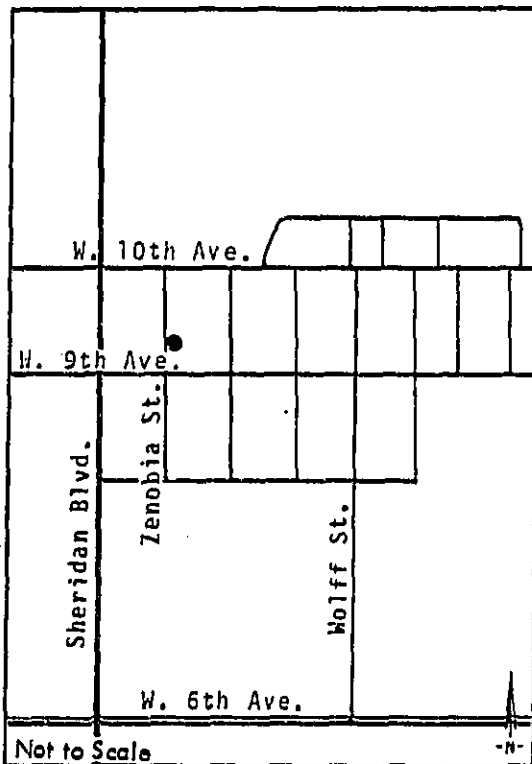
FIGURE B-42(b). HOURLY NOISE DATA FOR DENVER SITE 1103

SITE # 1103



	DAY "·"	NIGHT "·"	WEIGHTING	WEIGHTED LEQ
MAX	92.5	78.8	0.	54.2
MIN	36.3	36.3	8.	37.0
NPL	69.0	61.5	10.	50.3
SIG	5.3	4.2	12.	59.7
LEQ	55.4	50.8		
TNI	64.9	49.8		
L1	66.5	60.7		
L3	62.3	55.5		
L5	60.0	53.4		
L10	56.7	51.3		
L20	53.2	49.1		
L30	50.9	47.3		
L40	49.3	46.2		
L50	48.2	45.3		
L60	47.2	44.5		
L70	46.3	43.8		
L80	45.3	42.9		
L90	44.0	41.9		
L95	42.8	41.0		
L97	42.1	40.4		
L99	40.9	39.4		

FIGURE B-42(c). DAY/NIGHT NOISE DATA FOR DENVER SITE 1103



L_{DN} :	60.7 dB
ρ :	8,200 $\frac{\text{people}}{\text{sq. mi.}}$

SITE: 1104
 Address: 948 Zenobia
 Denver, CO
 Microphone Height: 1.5 m.
 Distance to Curb: 4.6 m.

ROADWAY TYPE
 At Site: Local
 Vicinity: Arterial

TRAFFIC
 At Site: Cars, Buses
 Vicinity: Cars, Trucks, Buses

OTHER NOISE SOURCES:

FIGURE B-43(a). DESCRIPTION OF DENVER SITE 1104

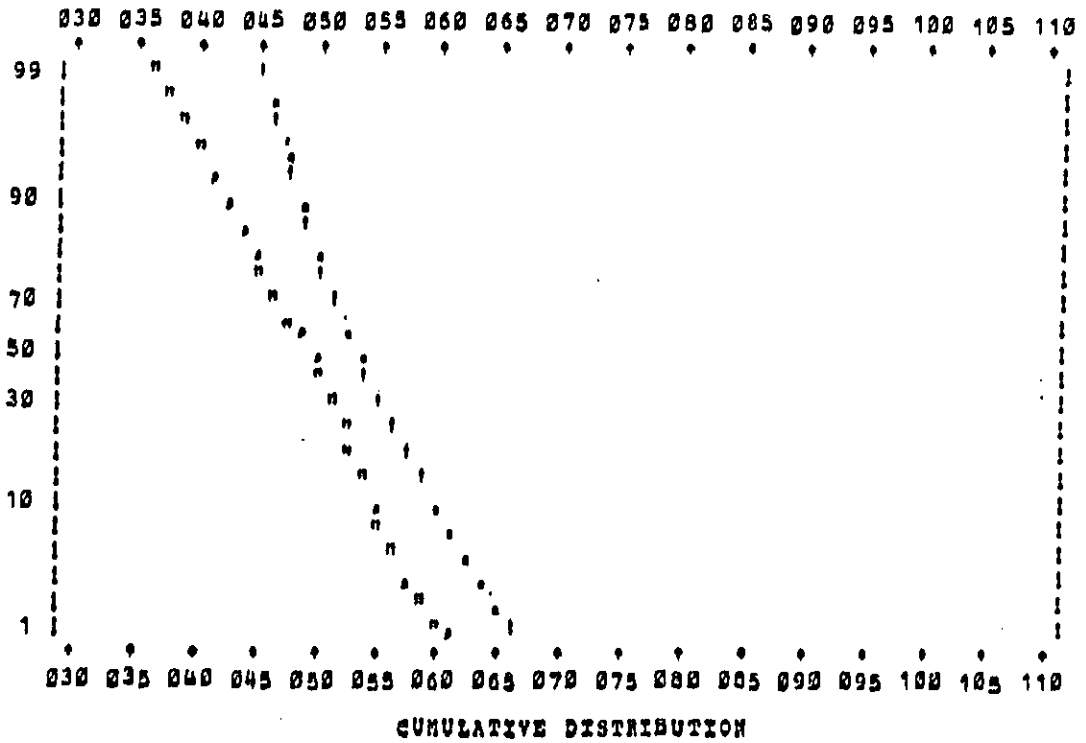
SITE # 1104

HR	MAX	MIN	NPL	SIG	LEQ	TNI	L1	L3	L5	L10	L20
1	76.3	42.5	62.1	3.4	53.5	44.9	63.2	58.1	55.9	53.9	52.4
2	75.0	38.8	61.1	3.6	52.0	45.0	61.6	56.2	54.7	52.5	50.7
3	60.0	36.3	54.1	3.1	46.2	43.2	52.9	51.0	50.2	49.1	47.6
4	70.0	32.5	56.4	4.3	45.4	48.3	55.3	50.1	48.6	47.0	45.2
5	60.0	36.3	54.0	3.0	46.3	40.9	53.7	51.2	50.1	48.8	47.5
6	66.3	42.5	57.3	2.6	50.6	42.0	57.7	55.5	54.4	52.9	51.6
7	80.0	46.3	67.1	3.7	57.7	47.7	70.0	63.5	60.2	57.2	55.3
8	82.5	47.5	67.4	3.5	58.5	49.2	69.0	64.0	61.1	58.6	56.9
9	82.5	43.8	70.8	4.6	59.1	58.0	73.0	64.4	61.0	58.7	55.0
10	83.8	41.3	62.6	3.7	53.2	46.8	64.1	58.5	55.9	53.6	51.9
11	76.3	40.0	66.2	4.3	55.1	50.6	65.8	62.5	60.8	57.6	54.4
12	75.0	41.3	63.3	3.7	53.7	50.7	64.7	60.5	58.1	55.7	53.2
13	80.0	41.3	69.2	5.1	56.1	69.8	64.1	62.2	61.3	59.9	57.9
14	77.5	42.5	61.4	3.2	53.2	48.9	61.6	58.8	57.4	55.7	53.6
15	78.8	41.3	66.1	4.0	55.9	56.3	66.0	62.5	60.6	58.0	55.7
16	77.5	45.0	71.7	4.0	59.3	74.1	69.6	67.1	66.0	64.0	58.1
17	78.8	43.8	67.9	4.0	57.6	57.6	67.4	63.6	62.1	59.5	57.3
18	77.5	52.5	67.0	2.4	60.9	48.1	68.2	65.4	64.0	62.6	61.5
19	86.3	52.5	66.7	2.5	60.2	46.5	68.0	64.4	62.8	61.2	59.9
20	75.0	47.5	63.0	2.5	56.8	43.7	65.2	61.9	60.1	58.3	57.0
21	73.8	45.0	61.4	2.8	54.3	43.8	63.7	59.1	57.4	55.8	54.4
22	71.3	47.5	60.2	2.3	54.4	41.3	61.6	58.2	57.2	56.1	55.0
23	73.8	47.5	61.6	2.4	55.4	44.0	62.3	59.9	58.7	57.3	56.0
24	82.5	45.0	63.4	2.7	56.3	41.6	61.2	57.3	56.2	55.2	54.1

HR	130	140	150	160	170	180	190	195	197	199
1	51.5	50.8	50.2	49.5	48.8	48.0	46.8	46.1	45.5	44.5
2	49.6	48.8	48.1	47.4	46.7	45.9	45.0	44.2	43.8	42.7
3	46.6	45.7	44.8	44.0	43.2	42.2	41.0	40.2	39.7	38.9
4	43.9	42.8	41.6	40.4	39.2	37.9	36.6	35.7	35.2	34.4
5	46.6	45.7	44.9	44.2	43.3	42.4	41.4	40.5	40.1	39.0
6	50.7	50.0	49.4	48.9	48.2	47.5	46.5	45.8	45.4	44.7
7	54.4	53.6	53.0	52.4	51.8	51.3	50.4	49.8	49.3	48.8
8	56.0	55.3	54.6	54.0	53.4	52.7	51.7	50.9	50.4	49.6
9	53.6	52.7	52.0	51.4	50.7	49.9	48.9	47.9	47.5	46.6
10	50.7	49.8	49.1	48.4	47.7	46.9	45.8	45.1	44.6	43.9
11	52.8	51.8	50.9	50.1	49.3	48.4	47.3	46.4	45.7	44.6
12	51.9	51.0	50.3	49.6	48.9	48.2	47.3	46.6	46.3	45.3
13	55.5	53.2	51.4	50.1	49.1	48.0	46.6	45.6	45.2	44.1
14	52.4	51.5	50.8	50.2	49.6	49.0	48.0	47.3	46.7	45.6
15	54.3	53.4	52.7	51.9	51.0	50.0	48.6	47.5	46.8	45.5
16	56.1	55.1	54.4	53.6	52.9	51.9	50.6	49.7	49.1	48.2
17	55.8	54.5	53.5	52.8	52.0	51.2	50.2	49.3	48.8	47.8
18	60.9	60.3	59.8	59.4	58.9	58.2	57.4	56.6	56.2	55.2
19	59.3	58.7	58.3	57.8	57.3	56.7	56.0	55.4	55.1	54.4
20	56.2	55.8	55.3	54.9	54.4	54.0	53.1	52.6	52.1	51.4
21	53.5	52.8	52.3	51.7	51.2	50.5	49.8	49.1	48.8	47.9
22	54.3	53.6	53.2	52.7	52.2	51.7	51.0	50.3	50.1	49.2
23	55.2	54.6	54.1	53.6	53.1	52.6	51.7	51.3	50.7	50.1
24	53.4	52.8	52.3	51.8	51.3	50.8	49.7	49.0	48.5	47.7

FIGURE B-43(b). HOURLY NOISE DATA FOR DENVER SITE 1104

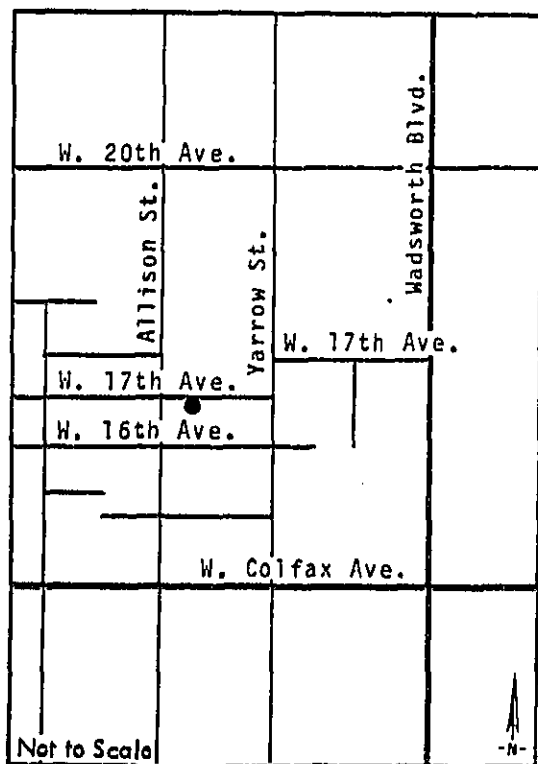
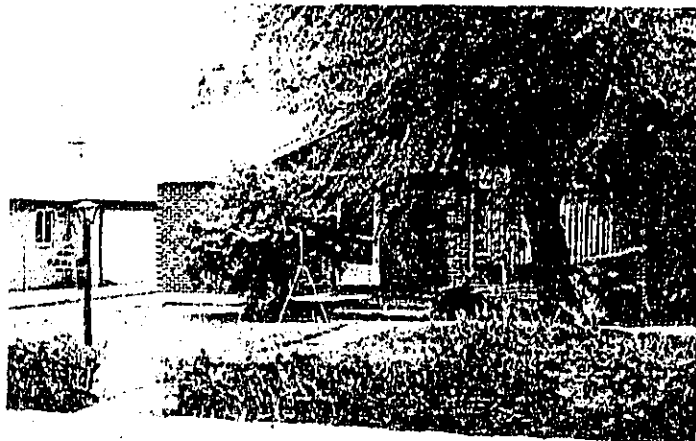
SITE # 1104



	DAY "d"	NIGHT "n"	WEIGHTING	WEIGHTED LEQ
MAX	86.3	82.5	8.	56.2
MIN	40.0	32.5	8.	59.3
NPL	69.0	66.8	10.	60.7
SIG	4.6	5.2	12.	62.2
LEQ	57.3	53.4		
TNI	64.0	63.1		
L1	67.0	61.6		
L3	63.4	57.6		
L5	61.8	56.3		
L10	59.9	54.8		
L20	57.8	53.2		
L30	55.8	52.0		
L40	54.5	50.8		
L50	53.3	49.4		
L60	52.3	48.0		
L70	51.2	46.5		
L80	50.1	44.6		
L90	48.5	42.1		
L95	47.4	40.1		
L97	46.6	38.7		
L99	45.3	36.4		

FIGURE B-43(c). DAY/NIGHT NOISE DATA FOR DENVER SITE 1104

BLACK COPY



L_{DN} :	57.3 dB
ρ :	4,100 $\frac{\text{people}}{\text{sq. mi.}}$

SITE: 1106
Address: 7944 17th St.
Lakewood, CO
Microphone Height: 1.5 m.
Distance to Curb: 6.7 m.

ROADWAY TYPE
At Site: Local
Vicinity: Arterial

TRAFFIC
At Site: Cars
Vicinity: Cars, Trucks

OTHER NOISE SOURCES:

FIGURE B-44(a). DESCRIPTION OF DENVER SITE 1106

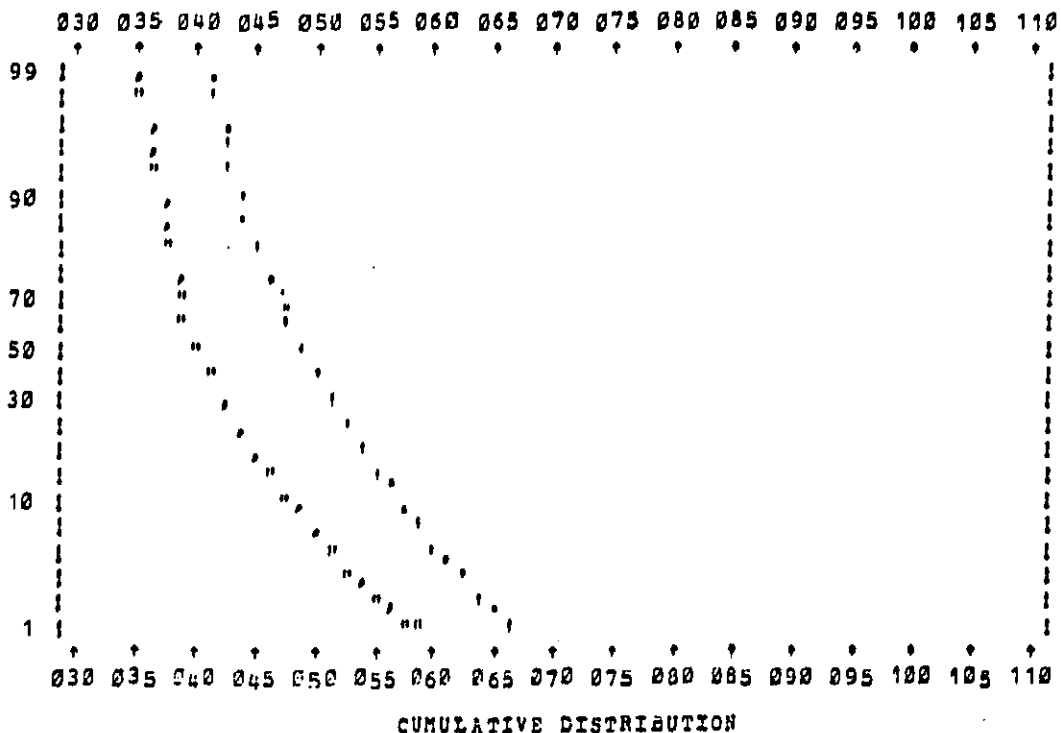
SITE # 1106

HR	MAX	MIN	NPL	SIG	LEQ	TNI	L1	L3	L5	L10	L20
1	65.0	33.8	51.2	3.2	43.0	28.8	54.0	47.8	44.9	42.2	40.7
2	67.5	33.8	51.4	3.4	42.8	34.2	53.9	47.1	45.2	43.4	41.7
3	62.5	33.8	47.8	2.5	41.6	32.0	47.8	46.0	45.2	43.9	42.4
4	61.3	31.3	47.7	3.1	39.8	31.9	48.8	45.4	43.7	41.6	39.7
5	61.3	32.5	49.2	3.1	41.2	34.1	50.7	46.9	45.3	43.3	41.3
6	72.5	35.0	58.3	4.4	47.1	48.0	58.3	54.5	52.0	48.4	45.7
7	85.0	40.0	66.7	4.7	54.7	55.1	65.0	63.2	60.2	54.8	51.9
8	77.5	45.0	62.9	3.4	54.3	47.2	64.7	60.5	58.3	55.7	53.5
9	81.3	43.8	64.2	3.6	55.0	47.7	65.5	60.0	58.0	55.2	53.1
10	80.0	41.3	67.0	4.7	54.9	56.5	67.9	62.1	59.3	55.3	51.7
11	86.3	38.8	67.7	5.2	54.3	61.9	66.3	61.5	58.8	55.1	51.4
12	78.8	35.0	66.9	5.4	53.0	62.7	65.0	60.6	57.8	54.2	50.3
13	78.8	42.5	68.6	4.7	56.6	57.6	69.1	64.4	60.9	57.1	54.1
14	91.3	37.5	77.2	7.1	59.0	84.7	69.3	65.3	63.4	60.6	56.7
15	86.3	38.8	68.3	4.9	55.7	63.7	66.4	62.6	60.4	57.8	55.4
16	80.0	38.8	69.8	5.3	56.4	65.6	67.4	63.5	61.5	57.8	54.2
17	96.3	38.8	74.9	5.3	61.2	61.8	67.1	61.6	59.1	55.7	52.0
18	93.8	42.5	71.1	4.5	59.4	65.4	68.5	66.1	64.4	61.7	58.8
19	87.5	45.0	71.4	4.7	59.4	59.0	71.7	65.0	62.0	58.9	56.2
20	78.8	38.8	63.8	4.2	53.0	47.8	65.1	59.5	56.2	52.6	50.0
21	77.5	40.0	62.1	4.0	51.8	44.8	64.3	58.7	55.6	51.6	48.9
22	88.8	38.8	64.8	4.5	53.2	47.0	64.3	57.9	55.0	50.6	47.5
23	71.3	37.5	54.8	3.3	46.5	32.6	57.5	52.1	48.7	45.9	44.0
24	75.0	33.8	63.6	5.0	50.8	41.1	63.6	56.8	52.9	46.2	42.2

HR	L30	L40	L50	L60	L70	L80	L90	L95	L97	L99
1	39.8	39.3	38.8	38.3	37.9	37.4	36.7	36.4	36.2	35.4
2	40.6	39.7	39.0	38.3	37.7	37.1	36.5	35.9	35.5	35.1
3	41.5	40.8	40.2	39.7	39.2	38.6	37.8	37.2	36.8	36.3
4	38.7	38.0	37.3	36.7	36.2	35.5	34.9	34.2	33.9	33.2
5	40.2	39.4	38.7	38.2	37.6	37.0	36.3	35.6	35.3	34.9
6	44.5	43.4	42.7	41.4	40.5	39.5	38.6	37.9	37.6	36.8
7	50.5	49.5	48.7	47.9	47.0	46.1	44.8	43.8	43.2	42.7
8	52.3	51.7	51.0	50.5	50.0	49.3	48.5	47.8	47.6	46.7
9	52.0	51.2	50.5	49.8	49.2	48.6	47.7	47.1	46.7	46.3
10	50.1	49.1	48.3	47.5	46.7	45.9	44.9	44.1	43.8	43.0
11	49.6	48.4	47.4	46.5	45.4	44.2	42.8	41.7	41.1	40.2
12	48.1	46.6	45.5	44.5	43.6	42.7	41.4	40.3	39.7	38.5
13	52.5	51.2	50.4	49.6	48.8	48.0	46.9	46.3	45.8	45.1
14	52.9	49.4	47.4	46.1	45.0	43.9	42.6	41.6	41.1	40.1
15	53.8	52.7	51.7	50.6	49.3	47.7	45.8	44.4	43.5	41.1
16	52.4	51.1	50.0	48.9	47.8	46.7	45.2	44.0	43.1	41.8
17	50.1	48.8	47.8	46.8	45.9	44.9	43.6	42.7	42.1	41.3
18	57.2	55.8	54.7	53.8	52.9	51.9	50.5	49.3	48.4	46.6
19	54.6	53.5	52.4	51.6	50.8	50.0	48.9	48.1	47.7	46.9
20	48.8	47.9	47.2	46.5	45.9	45.2	44.3	43.5	42.9	41.7
21	47.7	46.9	46.3	45.7	45.2	44.6	43.9	43.3	42.9	42.5
22	46.1	45.1	44.4	43.7	43.1	42.6	41.8	41.4	41.0	40.3
23	43.2	42.6	42.2	41.8	41.4	40.9	40.3	40.0	39.6	39.0
24	41.1	40.5	39.9	39.5	39.1	38.7	37.9	37.6	37.1	36.5

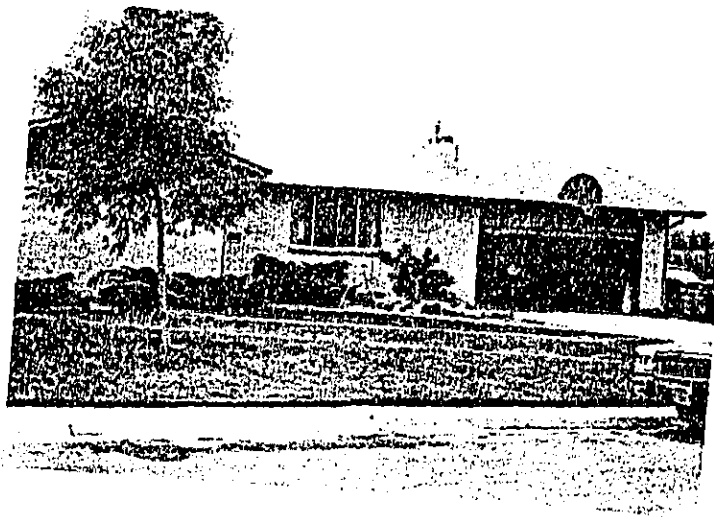
FIGURE B-44(b). HOURLY NOISE DATA FOR DENVER SITE 1106

SITE # 1106



	DAY "."	NIGHT ","	WEIGHTING	WEIGHTED LEQ
MAX	96.3	65.0	0.	55.0
MIN	35.0	31.3	8.	56.5
NPL	70.8	60.8	10.	57.3
SIG	5.5	4.9	12.	58.3
LEQ	56.7	48.1		
TNI	67.1	52.3		
L1	67.3	59.7		
L3	62.8	53.4		
L5	60.4	51.1		
L10	57.2	48.2		
L20	53.8	44.5		
L30	52.0	42.5		
L40	50.5	41.3		
L50	49.3	40.4		
L60	48.1	39.5		
L70	46.8	38.7		
L80	45.5	37.9		
L90	43.9	36.8		
L95	42.7	36.1		
L97	41.9	35.5		
L99	40.7	34.6		

FIGURE B-44(c). DAY/NIGHT NOISE DATA FOR DENVER SITE 1106



L_{DN} :	59.0 dB
ρ :	2,200 $\frac{\text{people}}{\text{sq. mi.}}$

SITE: 1107
 Address: 9392 W. Kentucky Pl.
 Lakewood, CO
 Microphone Height: 1.5 m.
 Distance to Curb: 9.1 m.

ROADWAY TYPE
 At Site: Local
 Vicinity: Arterial

TRAFFIC
 At Site: Cars
 Vicinity: Cars, Trucks

OTHER NOISE SOURCES:

FIGURE B-45(a). DESCRIPTION OF DENVER SITE 1107

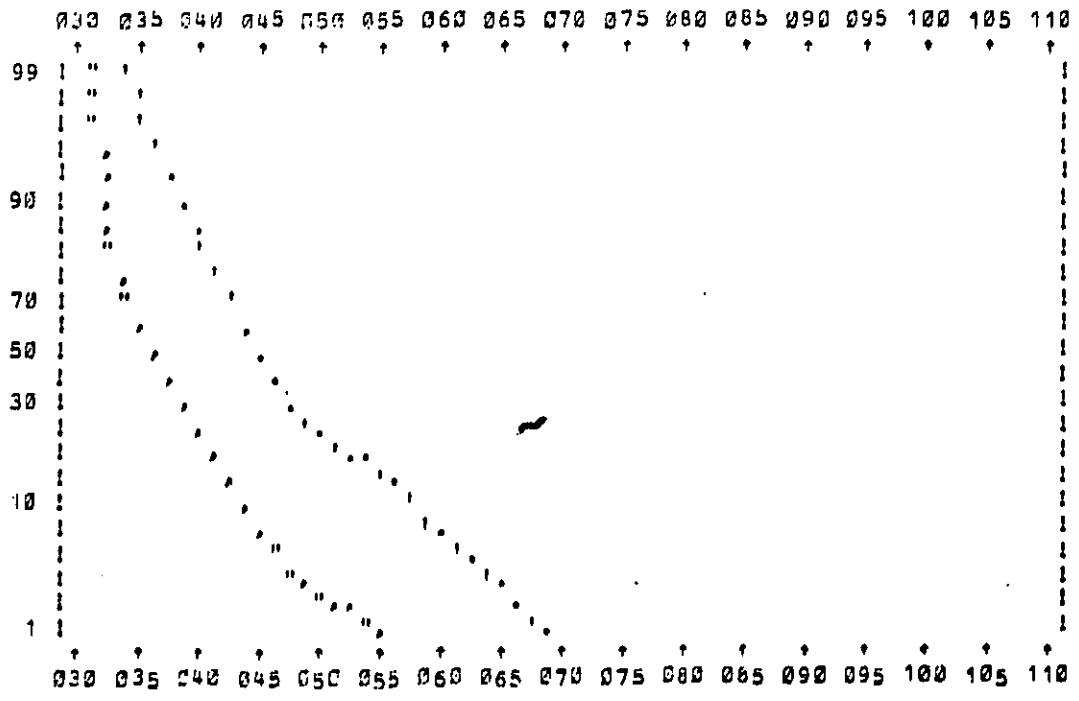
SITE # 1107

HR	MAX	MIN	NPL	SIG	LEQ	TNI	L1	L3	L5	L10	L20
1	71.3	31.3	71.4	8.3	50.2	87.6	61.8	58.8	57.0	53.3	46.1
2	67.5	31.3	48.2	3.2	40.0	20.9	46.8	41.3	38.6	36.4	34.7
3	52.5	31.3	41.9	2.5	35.4	27.3	42.0	40.4	39.5	38.1	36.5
4	52.5	31.3	46.9	3.0	39.2	35.1	46.3	44.2	43.3	42.0	40.6
5	52.5	31.3	43.3	2.8	36.2	30.4	43.2	41.3	40.4	39.1	37.4
6	78.8	31.3	49.9	3.4	41.2	31.9	48.5	42.4	41.1	39.6	37.9
7	71.3	32.5	59.0	4.5	47.4	49.5	58.4	53.1	50.7	48.1	45.9
8	88.8	30.8	78.1	7.2	59.7	79.0	72.6	67.7	63.7	59.0	52.7
9	72.5	31.3	67.2	4.8	47.8	46.3	61.2	53.6	50.1	46.5	43.1
10	76.3	31.3	62.6	5.6	48.3	48.3	61.9	55.1	51.3	45.3	41.2
11	90.0	31.3	88.7	10.4	62.1	115.1	73.5	71.5	69.6	62.9	52.6
12	102.5	31.3	85.4	8.8	63.0	104.7	69.9	66.9	65.1	62.7	53.9
13	83.8	37.5	83.3	9.3	59.6	104.2	70.2	68.0	66.6	64.6	61.6
14	82.5	38.8	72.2	6.1	56.5	77.1	64.7	62.4	61.3	59.9	58.3
15	83.8	40.0	71.2	5.4	57.4	59.9	70.2	63.8	60.1	55.7	51.0
16	107.5	40.0	75.9	3.4	67.3	37.7	58.8	54.0	51.7	49.1	47.4
17											
18	96.3	37.5	73.9	5.6	59.6	66.2	66.9	61.7	59.7	56.0	51.9
19											
20	92.5	33.8	78.0	7.6	58.6	78.4	69.9	63.3	60.5	55.7	52.8
21	95.0	35.0	77.9	7.2	59.4	77.5	68.9	62.7	59.8	56.7	54.4
22	85.0	36.3	64.7	4.4	53.5	35.7	62.5	56.4	52.1	46.5	44.5
23											
24	75.0	31.3	65.5	5.9	50.4	34.1	63.6	54.3	47.3	39.8	36.9

HR	L30	L40	L50	L60	L70	L80	L90	L95	L97	L99
1	41.5	38.2	35.9	34.3	33.2	32.4	31.8	31.5	31.4	31.3
2	33.7	33.2	32.8	32.4	32.1	31.8	31.5	31.4	31.3	31.3
3	35.4	34.6	33.8	33.2	32.6	32.2	31.7	31.5	31.4	31.3
4	39.5	38.6	37.8	37.0	36.2	35.4	34.3	33.6	33.1	32.5
5	36.1	35.3	34.5	33.9	33.3	32.7	32.0	31.6	31.5	31.3
6	36.8	35.9	35.1	34.4	33.6	32.9	32.1	31.7	31.5	31.3
7	44.6	43.6	42.6	41.5	40.4	39.2	37.7	36.5	35.9	35.0
8	48.4	46.6	45.6	44.9	44.2	43.4	42.3	41.5	41.1	40.2
9	41.5	40.6	39.8	39.1	38.4	37.7	36.5	35.6	35.1	34.1
10	39.3	38.1	37.3	36.6	35.9	35.2	34.3	33.8	33.2	32.6
11	47.3	44.3	42.1	40.2	38.5	37.1	35.5	34.5	34.0	33.2
12	48.7	46.1	44.5	43.0	41.7	40.4	38.7	37.3	36.2	34.8
13	52.9	46.6	44.8	43.7	43.0	42.2	41.4	40.6	40.3	39.8
14	56.9	55.3	53.7	51.5	47.9	45.8	44.1	43.2	42.7	41.8
15	49.2	48.0	47.1	46.4	45.8	45.2	44.3	43.8	43.2	42.6
16	46.6	46.0	45.5	44.9	44.4	43.8	42.9	42.3	41.8	41.3
17										
18	49.8	48.4	47.2	46.2	45.1	43.9	42.7	41.8	41.5	40.7
19										
20	48.3	45.5	43.6	42.1	40.8	39.6	38.1	37.2	36.6	35.6
21	50.0	46.6	44.7	43.3	42.0	40.9	39.7	39.0	38.5	37.6
22	43.6	43.1	42.4	42.0	41.5	40.9	40.1	39.3	38.9	38.0
23										
24	35.4	34.5	33.7	33.2	32.6	32.2	31.7	31.5	31.4	31.3

FIGURE B-45(b). HOURLY NOISE DATA FOR DENVER SITE 1107

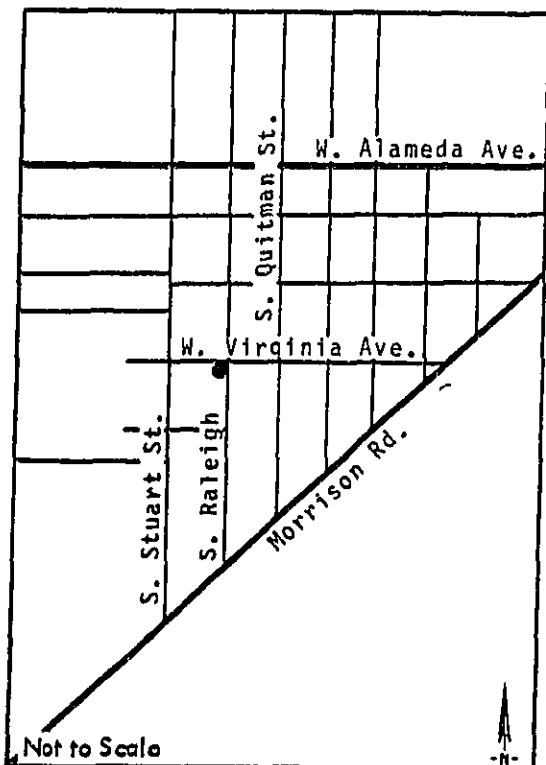
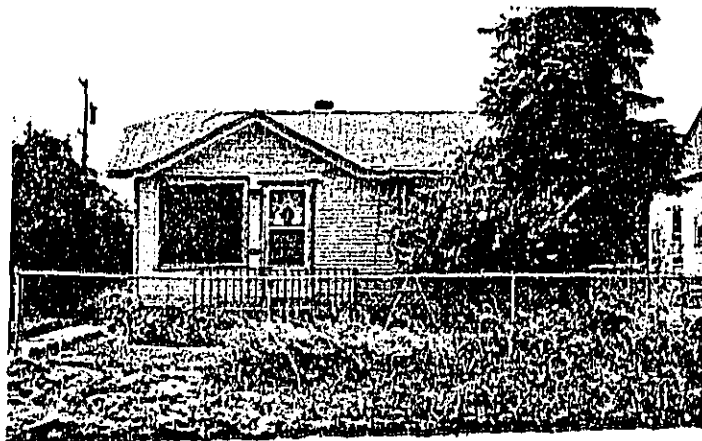
SITE # 1107



CUMULATIVE DISTRIBUTION

	DAY	NIGHT	WEIGHTING	WEIGHTED LEQ
MAX	107.5	78.8	0.	58.4
MIN	31.3	31.3	8.	56.6
NPL	79.6	58.0	10.	59.8
SIG	7.5	5.1	12.	59.4
LEQ	63.4	45.0		
TNI	85.3	48.5		
L1	68.8	55.4		
L3	64.3	48.6		
L5	61.9	46.3		
L10	57.6	43.6		
L20	51.8	40.5		
L30	47.9	38.6		
L40	46.1	37.1		
L50	44.4	35.8		
L60	43.5	34.7		
L70	42.2	33.7		
L80	40.7	32.8		
L90	38.4	32.0		
L95	38.6	31.6		
L97	35.7	31.5		
L99	34.3	31.3		

FIGURE B-45(c). DAY/NIGHT NOISE DATA FOR DENVER SITE 1107



L_{DN} :	59.3 dB
ρ :	8,900 $\frac{\text{people}}{\text{sq. mi.}}$

SITE: 1109
 Address: 509 Raleigh
 Denver, CO
 Microphone Height: 1.5 m.
 Distance to Curb: 6.1 m.

ROADWAY TYPE
 At Site: Local
 Vicinity: Local

TRAFFIC
 At Site: Cars
 Vicinity: Cars, Motorcycles

OTHER NOISE SOURCES:

FIGURE B-46(a). DESCRIPTION OF DENVER SITE 1109

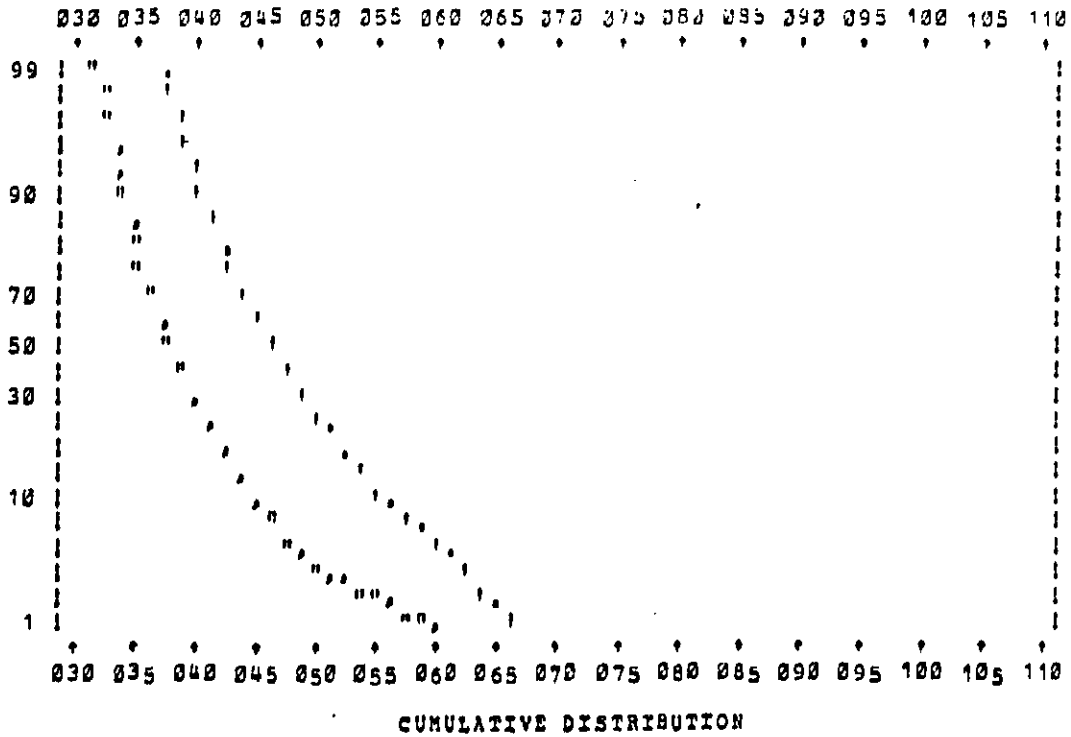
SITE # 1109

HR	MAX	MIN	NPL	910	LEQ	TNI	L1	L3	L5	L10	L20
1	68.8	31.3	51.5	3.4	42.8	29.9	53.9	45.4	43.3	41.4	39.9
2	76.3	30.0	55.6	4.2	44.9	35.4	56.0	46.8	44.4	41.5	38.8
3	66.3	31.3	54.6	4.6	42.9	49.7	53.1	49.3	47.7	45.9	43.5
4	63.8	31.3	48.2	3.2	39.9	37.1	47.7	45.5	44.4	42.7	40.8
5	62.5	30.0	43.5	2.6	36.9	22.0	45.3	40.8	39.2	37.5	36.2
6	70.0	30.0	46.7	2.9	39.1	30.1	46.9	43.5	42.0	40.1	38.8
7	71.3	32.5	62.6	5.0	49.9	50.0	63.1	56.4	52.7	48.6	46.1
8	76.3	36.3	70.5	6.5	53.8	73.7	66.1	62.0	59.6	56.1	51.9
9	77.5	32.5	71.8	7.1	53.7	75.5	66.5	62.8	59.3	54.6	50.0
10	78.8	32.5	71.3	6.5	54.7	65.1	67.7	59.9	56.6	51.9	47.5
11	80.0	36.3	66.8	5.4	52.9	57.2	65.8	60.1	56.5	52.0	48.2
12	80.0	36.3	69.9	5.9	54.7	66.7	67.1	62.1	59.2	55.0	50.8
13	81.3	33.8	69.5	6.0	54.2	68.0	66.0	61.9	59.4	55.0	50.5
14	78.8	35.0	69.7	5.6	54.7	67.6	67.0	62.2	59.7	55.9	51.9
15	80.0	41.3	71.3	5.6	57.0	70.0	69.0	65.0	62.9	59.3	55.3
16	80.0	42.5	66.0	4.4	54.6	57.1	65.9	62.4	60.1	56.6	53.3
17	78.8	40.0	70.2	5.5	56.2	69.5	68.2	64.3	62.2	58.7	54.9
18	82.5	38.8	71.4	5.7	56.7	67.1	68.7	63.9	61.3	57.1	53.0
19	92.5	38.0	75.5	5.9	60.5	67.5	69.7	64.6	62.0	57.4	53.4
20	91.3	37.5	74.4	5.9	59.2	66.9	68.8	63.3	62.2	54.3	52.6
21	80.0	37.5	69.5	5.9	54.4	66.4	66.6	62.3	59.2	54.9	50.2
22	83.8	37.5	67.9	5.3	54.5	55.3	64.8	59.4	56.1	51.8	47.5
23	81.3	32.5	66.7	5.6	52.3	54.8	63.3	55.9	52.8	48.5	43.8
24	87.5	32.5	80.5	7.9	60.3	56.9	74.8	68.7	62.5	49.1	42.5

HR	L30	L40	L50	L60	L70	L80	L90	L95	L97	L99
1	39.0	38.4	37.8	37.2	36.7	36.0	35.2	34.6	34.2	33.8
2	37.5	36.7	36.0	35.4	34.8	34.3	33.6	32.9	32.6	31.9
3	41.6	39.7	38.3	37.3	36.4	35.6	34.6	33.9	33.4	32.7
4	39.6	38.7	37.9	37.2	36.4	35.6	34.6	34.0	33.6	32.7
5	35.6	35.0	34.5	34.1	33.7	33.2	32.6	32.1	31.7	31.4
6	38.2	37.6	37.1	36.6	35.9	35.1	33.4	32.4	31.9	31.3
7	44.8	43.8	43.0	42.1	41.3	40.1	38.2	36.8	36.0	34.8
8	48.4	45.4	43.7	42.8	42.0	41.2	40.2	39.5	39.1	38.3
9	47.0	44.5	42.6	41.2	39.9	38.8	37.6	36.7	36.3	35.4
10	45.0	43.2	41.8	40.7	39.7	38.8	37.6	36.7	36.3	35.4
11	46.1	44.8	43.7	42.9	42.1	41.3	40.3	39.5	39.1	38.2
12	48.3	46.6	45.3	44.2	43.2	42.2	41.1	40.3	39.9	39.0
13	48.1	46.4	45.2	44.1	43.1	42.0	40.7	39.7	39.1	38.0
14	49.5	47.7	46.3	45.2	44.2	43.2	42.0	41.2	40.5	39.3
15	52.7	50.9	49.7	48.6	47.7	46.8	45.8	45.0	44.4	43.6
16	51.4	50.2	49.3	48.5	47.9	47.2	46.4	45.7	45.4	45.0
17	52.8	51.1	49.8	48.5	47.4	46.3	45.1	44.3	43.9	43.0
18	50.7	49.0	47.7	46.7	45.8	44.9	43.8	42.9	42.5	41.5
19	51.2	49.7	48.5	47.6	46.6	45.4	44.0	43.0	42.6	41.6
20	50.5	48.7	47.4	46.2	45.1	44.0	42.8	41.8	41.4	40.4
21	47.8	46.1	45.0	43.9	43.0	42.0	41.0	40.3	40.0	39.1
22	45.5	44.3	43.5	42.8	42.1	41.5	40.7	40.2	39.8	39.0
23	41.7	40.5	39.6	38.9	38.2	37.5	36.4	35.5	35.1	34.3
24	41.2	40.4	39.6	38.9	38.2	37.5	36.4	35.6	35.2	34.4

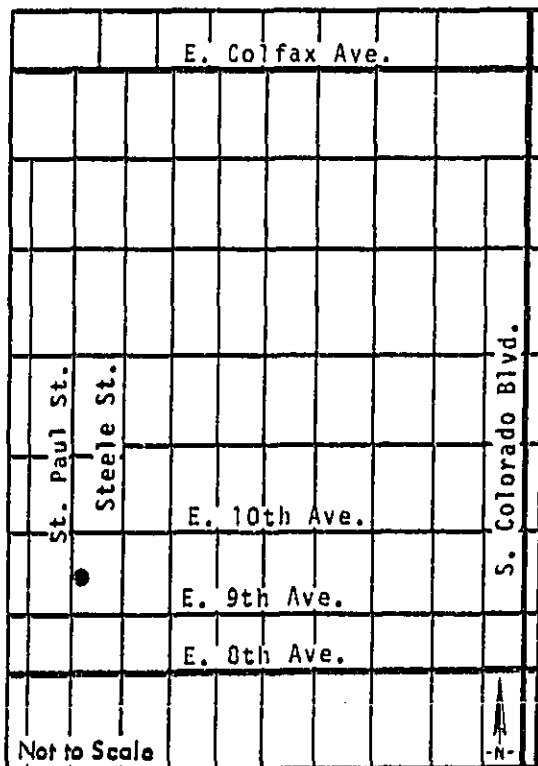
FIGURE B-46(b). HOURLY NOISE DATA FOR DENVER SITE 1109

SITE * 1109



	DAY "1"	NIGHT "2"	WEIGHTING	WEIGHTED LEQ
MAX	92.5	87.5	0.	54.9
MIN	32.5	30.0	8.	57.9
NPL	72.2	68.5	10.	59.3
SIG	6.3	5.3	12.	60.7
LEQ	56.0	52.0		
TNI	71.6	46.8		
L1	67.3	61.0		
L3	62.8	51.2		
L5	60.0	48.0		
L10	55.9	44.8		
L20	51.9	42.0		
L30	49.6	40.2		
L40	47.9	39.0		
L50	46.4	38.0		
L60	45.1	37.1		
L70	43.7	36.3		
L80	42.3	35.3		
L90	40.7	34.1		
L95	39.5	33.3		
L97	38.7	32.8		
L99	37.1	31.9		

FIGURE B-46(c). DAY/NIGHT NOISE DATA FOR DENVER SITE 1109



L_{DN} :	56.6 dB
ρ :	14,200 $\frac{\text{people}}{\text{sq.mi.}}$

SITE: 1110
 Address: 944 St. Paul
 Denver, CO
 Microphone Height: 1.5 m.
 Distance to Curb: 9.1 m.

ROADWAY TYPE
 At Site: Local
 Vicinity: Local

TRAFFIC
 At Site: Cars
 Vicinity: Cars

OTHER NOISE SOURCES:

FIGURE B-47(a). DESCRIPTION OF DENVER SITE 1110

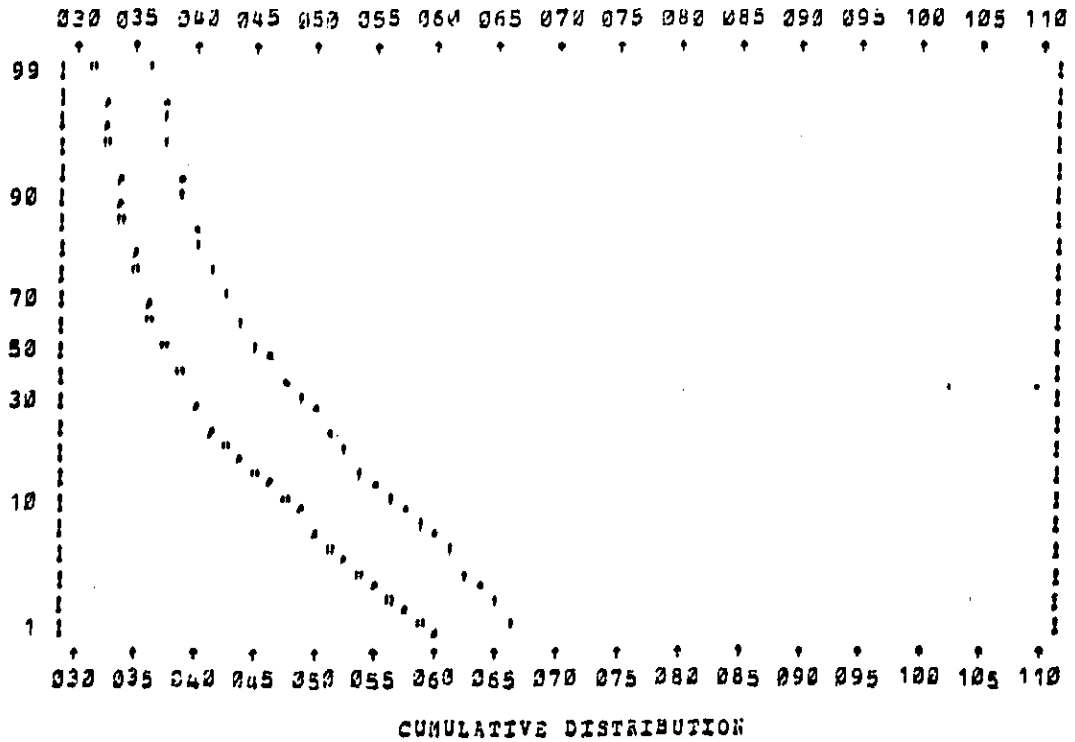
SITE # 1112

HR	MAX	MIN	NFL	SIG	LEQ	TNI	L1	L3	L5	L10	L20
1	68.8	31.3	59.8	4.9	47.3	39.4	62.0	54.4	50.3	44.4	40.5
2	70.0	30.0	53.9	4.2	43.1	39.3	53.4	48.6	46.2	42.8	39.3
3											
4	70.0	31.3	48.9	3.1	40.9	30.1	47.0	43.6	42.4	40.4	38.8
5	46.3	30.0	38.2	1.6	34.0	17.9	38.8	37.2	36.5	35.7	34.8
6	67.5	30.0	66.2	7.3	47.2	78.5	57.6	55.5	54.2	51.9	47.9
7	73.8	33.8	67.5	6.0	52.2	68.0	64.0	60.5	58.1	54.2	50.9
8	72.5	36.3	65.6	5.6	51.2	64.0	63.4	59.7	57.4	53.3	49.2
9	73.8	33.8	70.9	6.8	53.5	80.3	64.9	62.1	60.4	57.0	52.4
10	77.5	33.8	73.6	7.1	55.4	81.2	68.2	63.6	61.3	57.2	52.7
11	80.0	31.3	70.8	7.0	53.0	75.1	65.7	61.4	58.5	54.2	50.1
12	73.8	31.3	70.7	6.8	53.3	71.9	66.8	62.6	59.4	53.8	49.0
13											
14	81.3	32.5	77.0	7.5	58.0	85.2	71.5	66.7	63.5	58.9	52.9
15	80.0	33.8	71.5	6.5	54.9	71.5	67.1	62.7	59.8	55.1	50.5
16	73.8	32.5	67.9	6.2	52.0	68.8	64.6	60.2	57.7	53.5	50.1
17	82.5	36.3	73.4	6.4	57.1	78.0	68.7	65.5	63.5	59.4	54.2
18	72.5	35.0	71.5	6.3	55.4	78.5	66.8	64.2	62.3	59.1	54.6
19	75.0	35.0	72.2	6.9	54.6	82.4	66.5	63.4	61.5	57.6	52.3
20	87.5	35.0	69.4	6.0	54.1	66.6	65.3	60.7	57.8	54.1	51.2
21	98.8	36.3	81.3	7.4	62.3	90.9	71.5	67.3	66.0	62.4	58.2
22	78.8	35.0	71.3	6.9	53.6	74.7	66.5	62.8	60.0	55.0	49.0
23	76.3	32.5	64.4	5.3	50.8	45.7	64.6	58.2	53.3	47.2	43.4
24	70.0	32.5	53.0	3.6	43.8	31.1	54.0	48.3	45.4	42.2	39.9

HR	L30	L40	L50	L60	L70	L80	L90	L95	L97	L99
1	39.4	38.7	38.2	37.8	37.3	36.7	36.0	35.3	35.0	34.1
2	37.7	36.9	36.2	35.6	35.0	34.5	33.9	33.3	33.0	32.6
3										
4	37.9	37.1	36.5	35.8	35.1	34.5	33.9	33.2	32.9	32.6
5	34.3	33.9	33.5	33.1	32.8	32.3	31.7	31.3	31.0	30.3
6	43.7	39.4	36.8	35.3	34.5	33.8	33.1	32.7	32.5	31.7
7	48.7	46.9	45.3	43.8	42.4	41.0	39.6	38.6	37.9	36.8
8	46.8	45.0	43.7	42.6	41.7	40.8	39.7	39.0	38.5	37.7
9	49.5	47.2	45.4	43.6	42.0	40.6	39.2	38.3	37.8	37.0
10	49.9	47.5	45.5	43.8	42.3	40.9	39.3	38.2	37.6	36.6
11	47.5	45.1	43.1	41.3	39.9	38.6	37.2	36.2	35.5	34.5
12	46.4	44.5	42.9	41.5	40.3	39.1	37.8	36.8	36.3	35.2
13										
14	50.2	48.7	46.9	45.1	43.4	41.8	40.1	39.0	38.2	37.0
15	47.9	46.0	44.5	43.2	42.0	40.9	39.7	38.8	38.2	37.2
16	48.0	46.2	44.6	43.2	41.8	40.2	38.4	37.1	36.4	35.3
17	51.6	49.8	48.3	47.0	45.9	44.7	43.2	42.1	41.5	40.3
18	52.0	50.0	48.6	47.2	45.9	44.5	42.7	41.3	40.4	38.9
19	49.8	48.0	46.5	44.9	43.1	41.3	39.4	38.3	37.7	36.8
20	49.2	47.4	45.7	44.1	42.7	41.4	40.0	39.0	38.5	37.7
21	56.1	54.0	52.2	50.1	47.9	45.6	42.9	41.3	40.4	38.9
22	45.3	43.2	41.9	40.9	40.2	39.4	38.4	37.7	37.2	36.4
23	41.8	40.9	40.3	39.8	39.3	38.8	37.7	36.9	36.4	35.3
24	39.0	38.4	38.0	37.5	37.0	36.6	35.9	35.3	35.1	34.3

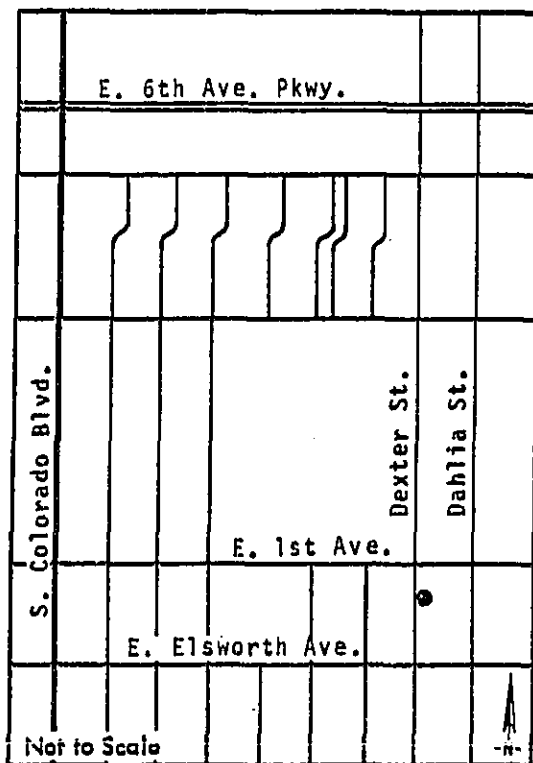
FIGURE B-47(b). HOURLY NOISE DATA FOR DENVER SITE 1110

SITE # 1110



	DAY ' , ' ,	NIGHT " , " ,	WEIGHTING	WEIGHTED LEQ
MAX	98.8	76.3	0.	54.3
MIN	31.3	30.0	8.	55.8
MPL	74.0	62.7	10.	56.6
SIG	7.0	5.9	12.	57.6
LEQ	56.0	47.5		
TNI	80.5	60.2		
L1	67.4	60.2		
L3	63.6	54.4		
L5	61.2	51.9		
L10	57.1	47.7		
L20	52.3	42.7		
L30	49.6	40.3		
L40	47.6	38.9		
L50	45.7	37.9		
L60	44.0	36.9		
L70	42.4	35.8		
L80	40.9	34.7		
L90	39.3	33.5		
L95	38.1	32.8		
L97	37.6	32.4		
L99	36.3	31.5		

FIGURE B-47(c). DAY/NIGHT NOISE DATA FOR DENVER SITE 1110



L _{DN} :	61.3 dB
ρ:	4,800 $\frac{\text{people}}{\text{sq.mi.}}$

SITE: 1112
 Address: 60 Dexter
 Denver, CO
 Microphone Height: 1.5 m.
 Distance to Curb: 10.7 m.

ROADWAY TYPE
 At Site: Local
 Vicinity: Collector

TRAFFIC
 At Site: Cars
 Vicinity: Cars, Trucks

OTHER NOISE SOURCES:

FIGURE B-48(a). DESCRIPTION OF DENVER SITE 1112

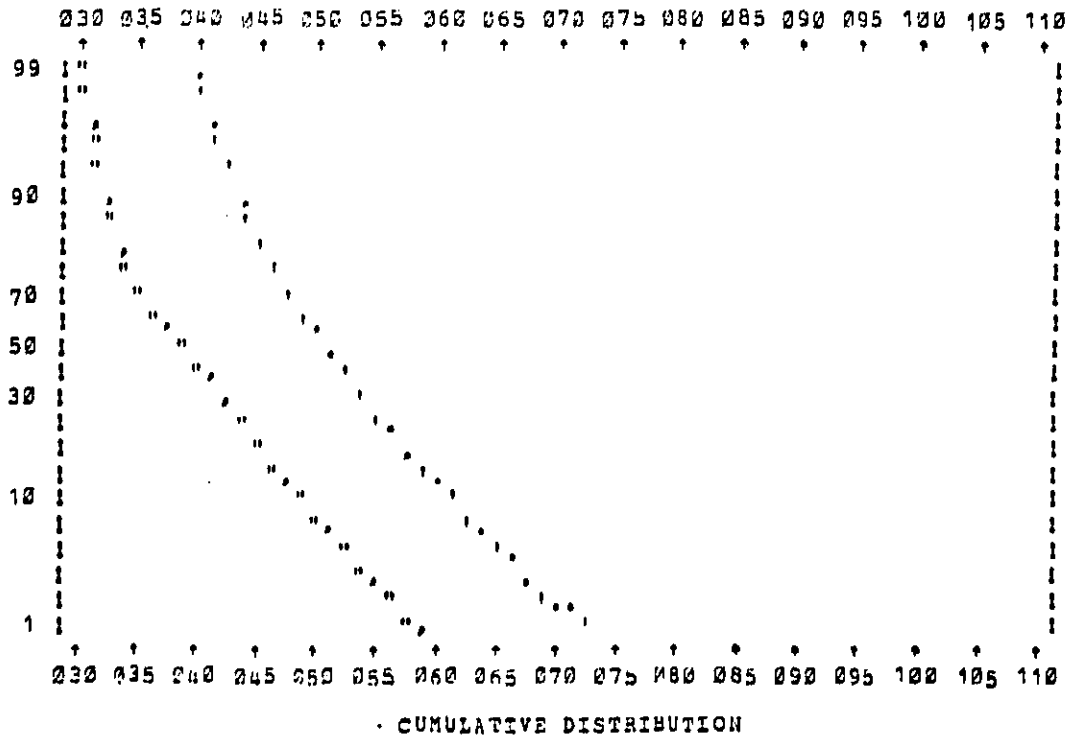
SITE # 1112

HR	MAX	MIN	NFL	SIG	LEO	INI	L1	L3	L5	L10	L20
1	67.5	32.5	54.6	5.0	46.8	58.8	57.8	55.1	53.2	49.6	45.6
2	68.8	32.0	57.4	4.8	45.0	46.8	58.2	51.7	48.6	44.8	41.1
3	67.5	30.0	51.2	3.8	41.4	34.4	52.2	46.0	43.7	41.0	38.9
4	63.8	32.0	49.1	3.8	39.5	28.7	51.0	44.0	40.8	38.2	36.1
5	57.5	32.0	46.0	3.6	36.9	26.0	49.2	43.9	40.7	36.9	34.7
6	71.3	32.0	55.2	4.7	43.1	43.8	52.8	47.8	45.4	42.2	39.2
7	76.3	31.3	70.2	6.9	52.6	74.6	66.1	60.1	57.4	53.5	49.3
8	80.0	37.5	71.0	5.9	55.9	73.2	66.9	62.4	60.7	58.3	55.6
9	80.0	36.3	73.5	6.5	56.8	77.1	68.7	64.3	62.0	58.4	55.1
10	85.0	37.5	85.5	8.7	63.3	106.3	75.9	71.8	69.8	66.6	62.1
11	88.8	41.3	80.1	6.0	64.9	77.0	77.9	70.7	67.7	64.6	61.3
12	96.3	36.3	91.9	8.7	69.6	97.1	83.6	76.1	72.0	65.6	60.9
13	80.0	35.0	71.7	6.3	55.5	76.3	66.9	63.2	60.9	57.7	54.6
14	77.5	35.0	72.0	6.0	56.6	75.2	67.9	65.0	63.0	59.0	55.4
15	85.0	37.5	82.3	7.8	62.3	91.3	75.7	71.5	67.9	62.5	56.4
16	82.5	41.3	65.4	4.3	54.4	56.1	64.2	60.7	58.4	55.5	53.3
17	91.3	40.0	76.5	6.1	61.0	74.6	71.4	66.3	63.7	60.4	57.1
18											
19	96.3	37.5	79.3	6.5	62.6	76.8	67.7	63.4	61.2	57.9	54.1
20	78.8	37.5	69.4	5.7	54.7	67.5	66.6	60.9	58.6	55.7	52.7
21	92.5	38.8	79.5	6.9	61.8	89.1	71.0	67.1	65.6	63.6	60.2
22	85.0	40.0	75.7	6.0	60.2	66.8	73.3	66.6	62.7	57.7	54.0
23	77.5	43.0	62.2	4.3	51.1	53.8	61.6	57.5	55.6	53.0	50.4
24	80.0	37.5	61.4	4.5	49.7	54.8	59.5	55.9	54.2	51.7	48.2

HR	L30	L45	L50	L60	L70	L80	L90	L95	L97	L99
1	43.5	42.4	41.6	40.9	40.2	39.3	36.5	35.1	34.5	33.9
2	39.6	38.6	38.0	37.3	36.6	35.5	34.1	33.2	32.7	31.8
3	37.7	36.9	36.1	35.5	34.8	34.1	33.2	32.7	32.2	31.4
4	34.9	34.1	33.5	33.0	32.6	32.0	31.4	30.8	30.5	30.2
5	33.6	32.9	32.3	31.9	31.4	31.0	30.5	30.2	30.1	30.0
6	37.4	36.3	35.3	34.4	33.5	32.6	31.6	31.0	30.6	30.2
7	46.4	44.1	42.4	41.1	39.8	38.3	36.5	35.5	35.1	34.1
8	53.8	52.3	50.7	49.0	47.1	45.4	43.3	41.8	41.0	40.0
9	53.3	51.7	50.0	48.2	46.2	44.1	42.1	40.7	40.0	38.9
10	57.0	54.1	52.0	49.9	47.9	45.9	43.4	42.0	41.3	40.2
11	59.5	58.0	56.7	55.5	54.1	52.5	50.5	49.0	48.1	46.6
12	57.9	55.4	53.2	51.4	49.6	47.7	45.1	43.3	42.5	40.9
13	52.4	50.8	49.3	47.6	45.8	43.8	41.6	40.0	39.2	37.9
14	53.9	52.7	51.3	49.5	47.7	45.8	43.0	42.4	41.7	40.4
15	53.6	51.6	49.7	48.1	46.7	45.1	43.0	41.5	40.8	40.0
16	51.9	50.8	49.8	48.8	47.7	46.5	45.3	44.5	44.0	43.3
17	55.2	53.6	52.2	50.8	49.3	47.5	45.7	44.4	43.7	42.5
18										
19	52.0	50.2	48.5	46.9	45.2	43.5	41.7	40.6	40.1	39.2
20	50.8	49.2	47.6	46.1	44.6	43.1	41.7	40.8	40.3	39.4
21	57.3	55.2	53.4	51.7	49.7	47.5	45.1	43.8	43.0	41.9
22	51.9	50.3	49.0	48.1	47.1	46.0	44.7	43.8	43.1	42.3
23	48.4	47.2	46.2	45.3	44.5	43.6	42.7	42.1	41.7	41.4
24	45.9	44.6	43.7	42.9	42.2	41.5	40.6	40.1	39.7	39.0

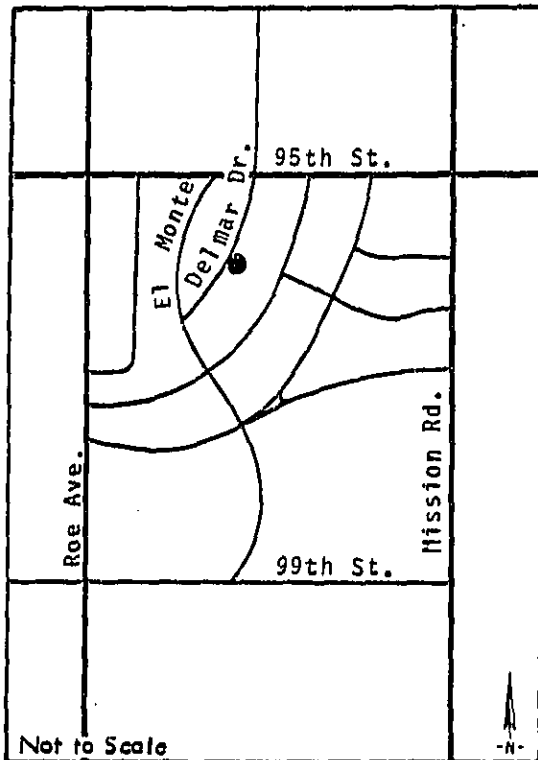
FIGURE B-48(b). HOURLY NOISE DATA FOR DENVER SITE 1112

SITE # 112



	DAY ".",	NIGHT "*",	WEIGHTING	WEIGHTED LEQ
MAX	96.3	80.0	0.	60.6
MIN	35.0	30.0	8.	61.1
NPL	81.0	64.7	10.	61.3
SIG	7.2	6.6	12.	61.7
LEQ	62.6	47.7		
TNI	85.3	68.7		
L1	73.5	59.0		
L3	67.7	54.6		
L5	65.1	52.3		
L10	61.3	48.8		
L20	57.1	45.1		
L30	54.6	42.8		
L40	52.7	40.9		
L50	51.0	38.9		
L60	49.3	36.9		
L70	47.5	35.2		
L80	45.6	33.7		
L90	43.4	32.2		
L95	41.9	31.3		
L97	41.0	30.8		
L99	39.7	30.3		

FIGURE B-48(c). DAY/NIGHT NOISE DATA FOR DENVER SITE 1112



L_{DN} :	60.1 dB
ρ :	2,400 $\frac{\text{people}}{\text{sq. mi.}}$

SITE: 1301
 Address: 9607 Delmar
 Overland Park, KS
 Microphone Height: 1.5 m.
 Distance to Curb: 11.0 m.

ROADWAY TYPE

At Site: Local
 Vicinity: Arterial

TRAFFIC

At Site: Cars
 Vicinity: Cars, Trucks

OTHER NOISE SOURCES:

FIGURE B-49(a). DESCRIPTION OF KANSAS CITY SITE 1301

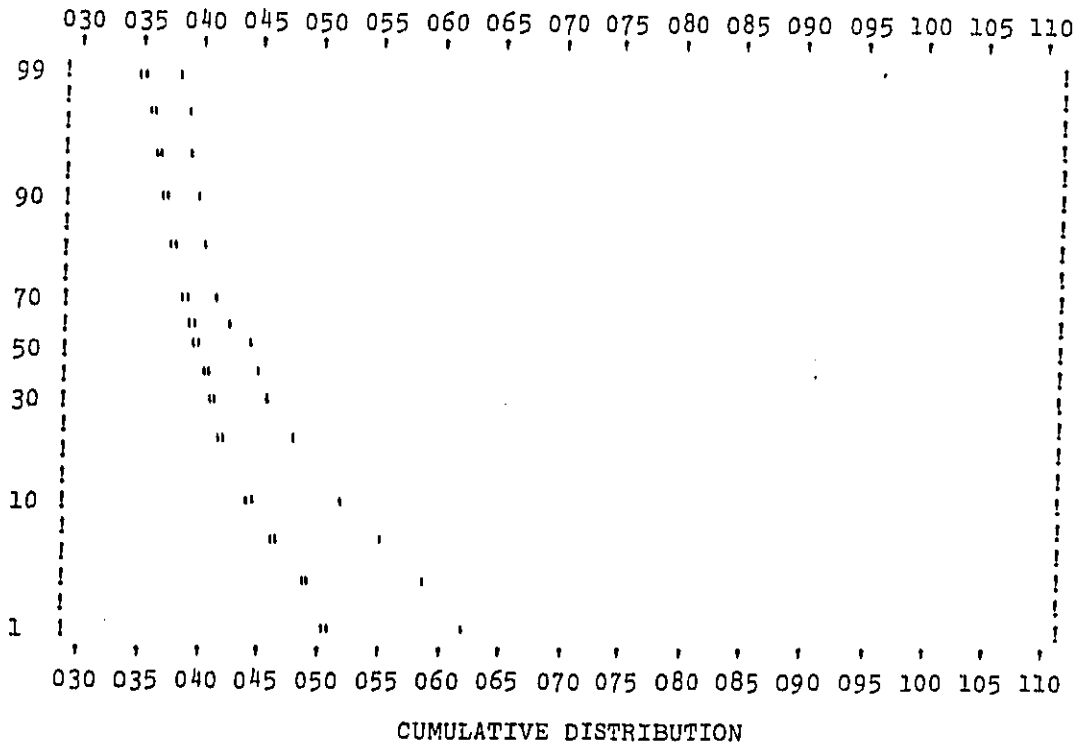
SITE # 1301

HR	MAX	MIN	NPL	SIG	LEQ	TNI	L1	L3	L5	L10	L20
1	63.0	37.0	47.7	1.9	42.7	24.8	46.5	44.8	44.0	42.9	42.2
2	54.0	35.0	43.3	1.6	39.1	20.5	44.0	41.5	40.8	39.9	39.2
3	47.0	34.0	42.1	1.5	38.2	17.6	43.9	41.0	40.0	38.9	38.1
4	54.0	35.0	43.5	1.8	39.0	21.5	44.5	41.5	40.9	39.9	38.9
5	64.0	35.0	46.0	2.0	40.9	21.2	43.5	41.5	40.8	40.1	39.2
6	61.0	36.0	48.9	2.5	42.5	31.2	50.0	46.0	45.0	43.8	42.5
7	66.0	38.0	54.4	3.1	46.5	35.0	56.3	50.0	48.5	46.5	45.0
8											
9	66.0	40.0	57.9	3.6	48.8	34.8	61.0	57.0	53.5	48.0	45.6
10	74.0	38.0	59.7	3.8	50.0	39.5	59.5	54.0	51.5	48.0	46.0
11	81.0	37.0	75.8	6.4	59.3	60.0	70.0	63.5	58.0	52.0	45.5
12	65.0	37.0	52.9	3.2	44.7	34.9	54.0	50.7	48.5	45.3	42.8
13	72.0	37.0	60.5	4.5	49.0	42.2	60.0	55.5	51.5	47.0	43.5
14	70.0	38.0	58.0	3.8	48.2	48.9	57.0	52.5	51.0	50.1	45.5
15	78.0	37.0	61.9	4.1	51.4	41.5	61.0	55.5	52.0	48.1	45.7
16	71.0	39.0	56.9	3.4	48.2	38.2	56.0	54.2	50.3	47.9	45.5
17	64.0	39.0	55.7	3.3	47.2	39.2	57.0	53.8	51.2	48.3	45.8
18	99.0	41.0	86.1	6.4	69.7	77.8	66.0	63.5	62.3	60.3	57.9
19	66.0	42.0	61.6	3.8	51.8	53.7	61.0	58.5	57.0	54.5	51.5
20	92.0	41.0	72.9	3.8	63.0	44.0	61.0	55.0	53.5	51.5	49.5
21	94.0	41.0	79.0	5.1	65.9	48.5	71.0	59.3	56.0	52.3	49.3
22	96.0	40.0	78.6	4.7	66.6	59.5	61.0	57.5	56.5	54.2	47.6
23	68.0	38.0	57.3	3.6	48.2	34.1	59.0	54.2	49.7	46.5	44.0
24	61.0	38.0	50.5	2.5	44.1	26.7	54.0	47.3	46.3	43.9	42.8

HR	L30	L40	L50	L60	L70	L80	L90	L95	L97	L99
1	41.6	41.2	40.9	40.5	40.0	39.5	39.0	38.5	38.2	38.0
2	38.5	38.2	37.8	37.4	37.2	36.9	36.4	36.2	36.1	35.5
3	37.8	37.3	37.1	36.9	36.5	36.3	36.1	35.6	35.4	35.1
4	38.5	38.1	37.7	37.2	36.9	36.5	36.0	35.5	35.3	35.1
5	38.7	38.3	38.0	37.6	37.2	36.9	36.3	36.1	35.8	35.2
6	41.7	41.0	40.5	39.9	39.2	38.6	37.9	37.4	37.2	37.0
7	44.1	43.5	43.0	42.5	42.0	41.3	40.4	39.7	39.3	38.6
8										
9	44.8	44.4	43.9	43.5	43.2	42.5	42.3	42.1	41.5	41.2
10	44.9	44.0	43.3	42.8	42.1	41.5	40.7	40.2	40.0	39.3
11	43.6	42.0	41.7	41.1	40.5	40.0	39.3	39.0	38.5	38.1
12	41.8	41.2	40.7	40.4	39.8	39.5	39.0	38.4	38.2	37.5
13	42.1	41.2	40.5	40.1	39.5	39.2	38.5	38.2	38.0	37.3
14	44.0	43.2	42.7	42.4	41.8	41.4	40.5	40.0	39.7	39.3
15	44.5	43.6	42.9	42.4	41.8	41.2	40.3	40.0	39.2	38.5
16	44.5	43.7	43.2	42.7	42.3	41.7	41.2	40.5	40.2	40.0
17	44.8	44.1	43.5	43.1	42.5	42.0	41.5	40.8	40.4	40.0
18	55.5	53.1	49.0	47.5	46.6	45.7	44.5	43.5	43.0	42.1
19	50.0	49.1	48.2	47.5	46.4	45.9	44.8	44.3	44.1	43.2
20	48.3	47.6	46.7	46.2	45.5	44.8	44.1	43.3	43.1	42.2
21	47.5	46.7	46.0	45.6	45.1	44.5	43.8	43.3	43.1	42.5
22	46.5	45.7	45.2	44.5	44.0	43.4	42.3	41.8	41.3	41.0
23	43.3	42.7	42.3	41.9	41.5	41.1	40.6	40.3	40.1	39.5
24	42.5	41.8	41.5	41.2	40.7	40.3	39.7	39.3	39.1	38.5

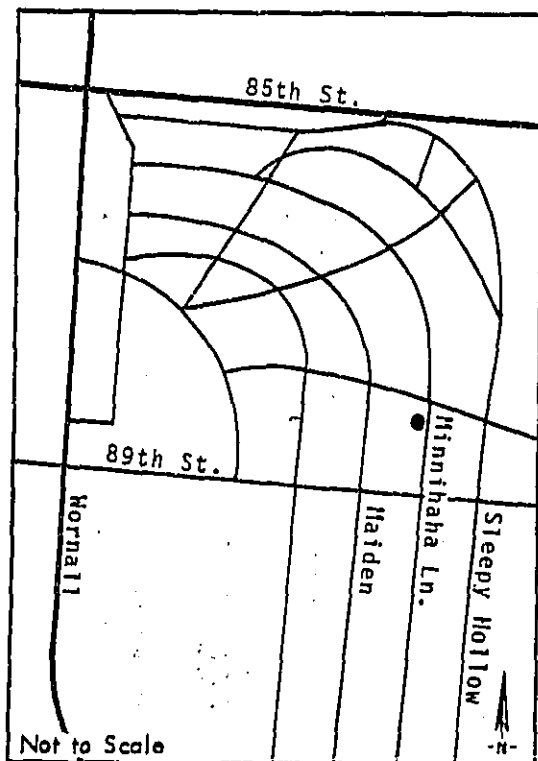
FIGURE B-49(b). HOURLY NOISE DATA FOR KANSAS CITY SITE 1301

SITE # 1301



	DAY	NIGHT	WEIGHTING	WEIGHTED LEQ
MAX	99.0	68.0	0.	59.8
MIN	64.0	47.0	8.	60.0
NPL	74.5	51.5	10.	60.1
SIG	5.1	3.3	12.	60.3
LEQ	61.8	43.6		
TNI	56.1	35.2		
L1	61.7	51.0		
L3	57.9	46.5		
L5	55.8	45.2		
L10	51.5	43.6		
L20	48.0	42.4		
L30	46.3	41.5		
L40	45.1	40.3		
L50	44.1	39.9		
L60	43.3	38.9		
L70	42.3	38.1		
L80	41.4	37.4		
L90	40.3	36.7		
L95	39.4	36.2		
L97	39.1	36.0		
L99	38.1	35.1		

FIGURE B-49(c). DAY/NIGHT NOISE DATA FOR KANSAS CITY SITE 1301



L_{DN} :	53.2	dB
ρ :	2,600	$\frac{\text{people}}{\text{sq. mi.}}$

SITE: 1302
 Address: 8808 Minnehaha Ln.
 Kansas City, Mo.
 Microphone Height: 1.5 m.
 Distance to Curb: 9.2 m.

ROADWAY TYPE
 At Site: Local
 Vicinity: Arterial

TRAFFIC
 At Site: Cars
 Vicinity: Cars, Trucks

OTHER NOISE SOURCES:

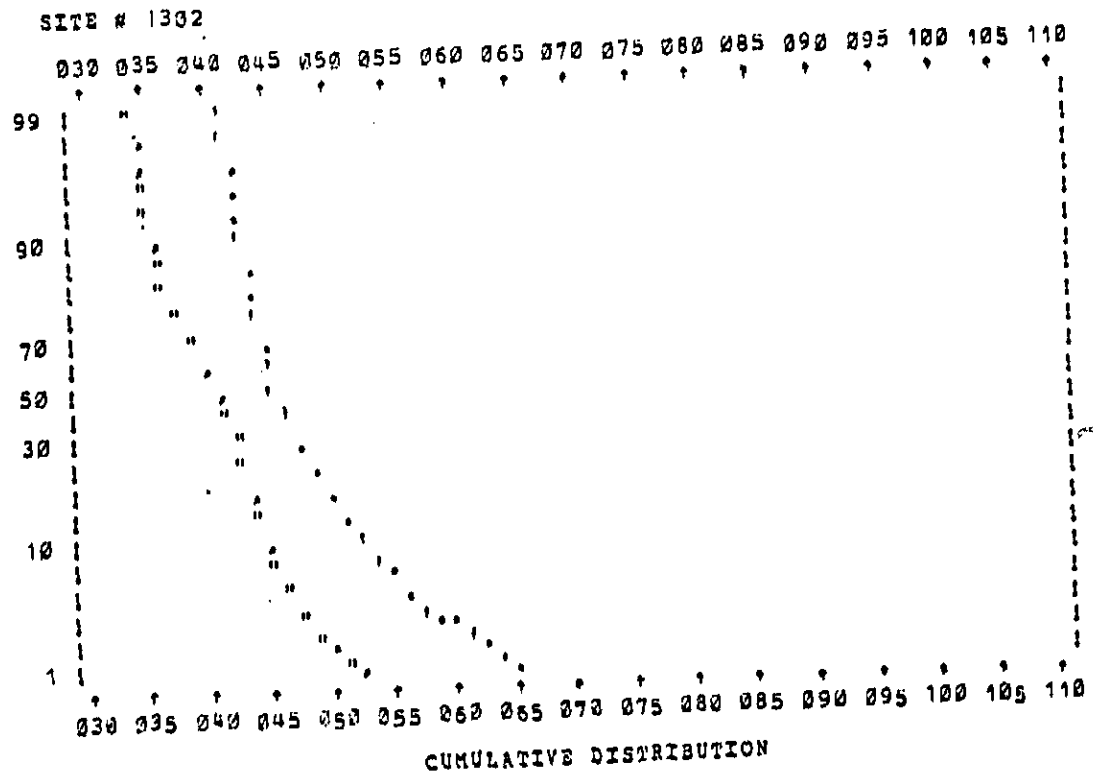
FIGURE B-50(a). DESCRIPTION OF KANSAS CITY SITE 1302

SITE # 1302

HR	MAX	MIN	NPL	SIG	LEQ	TNI	L1	L3	L5	L10	L20
1	70.0	37.5	50.3	2.4	44.3	29.0	51.9	48.3	46.8	45.1	43.8
2	60.0	35.0	48.1	2.5	41.6	27.8	51.3	47.0	44.9	42.8	41.1
3	52.5	32.5	45.5	2.0	40.4	25.8	46.1	44.1	43.2	42.2	41.3
4	62.5	32.5	50.1	3.4	41.3	26.8	53.4	48.9	45.7	40.8	38.6
5	63.8	31.3	42.3	1.8	37.6	17.6	42.2	39.4	38.6	37.6	37.1
6	67.5	32.5	48.5	2.9	41.0	30.6	47.5	44.3	43.0	41.6	40.6
7	65.0	36.3	55.1	3.4	46.3	38.3	57.7	52.5	50.1	47.4	45.2
8											
9	65.0	38.8	58.3	3.9	48.4	48.8	58.2	56.4	55.0	51.2	47.2
10	78.0	37.5	60.3	4.2	49.6	46.0	61.8	57.2	54.5	50.3	47.2
11	73.8	38.8	63.9	4.9	51.4	57.3	63.1	58.9	56.8	53.3	49.5
12	82.5	38.8	74.0	6.6	57.2	69.3	70.0	67.4	62.1	56.3	51.1
13	70.0	38.8	58.0	3.8	48.4	42.5	60.3	54.9	52.7	49.4	46.7
14	78.8	40.0	62.1	4.4	50.9	54.0	60.5	56.7	54.6	52.6	50.8
15	75.0	40.0	61.4	3.9	51.3	55.1	59.7	56.5	55.5	54.1	52.5
16	71.3	40.0	58.7	3.7	49.3	48.1	58.9	55.6	53.7	51.8	49.7
17	73.8	41.3	59.2	3.6	49.9	42.3	60.2	56.0	53.7	50.3	47.6
18	83.8	41.3	77.3	7.1	59.2	89.3	71.1	68.0	66.4	63.2	54.5
19	72.5	41.3	57.5	3.0	49.8	37.3	60.1	55.1	52.9	50.4	48.4
20	75.0	41.3	56.2	2.8	49.1	33.8	60.0	54.6	52.1	49.4	47.7
21	72.5	42.0	60.3	3.8	50.5	50.6	60.0	57.7	55.9	53.2	50.0
22	66.3	41.3	53.3	2.4	47.3	31.7	56.4	51.7	49.9	48.4	47.2
23	71.3	40.0	53.7	2.6	47.1	27.4	58.2	49.9	47.7	46.3	45.4
24	72.5	38.8	52.2	2.4	46.1	25.6	53.0	48.3	46.2	45.0	44.2

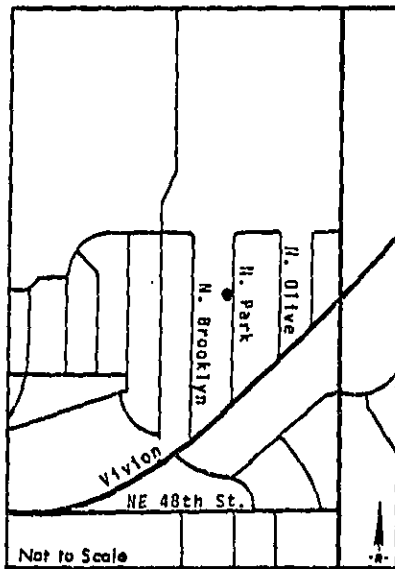
HR	L30	L40	L50	L60	L70	L80	L90	L95	L97	L99
1	43.3	42.7	42.3	41.9	41.5	41.1	40.4	40.1	39.8	39.1
2	40.6	40.1	39.7	39.4	39.1	38.7	37.9	37.3	36.9	36.4
3	40.8	40.3	39.9	39.4	39.0	38.5	37.7	36.7	36.1	35.1
4	38.0	37.4	37.1	36.8	36.5	36.0	35.5	35.2	35.1	34.4
5	36.6	36.2	35.9	35.6	35.3	35.0	34.3	33.9	33.8	33.0
6	39.8	39.0	38.2	37.3	36.6	36.0	35.3	34.8	34.4	33.9
7	44.0	43.4	42.9	42.4	41.9	41.5	40.4	39.4	38.9	38.0
8										
9	45.9	45.0	44.4	43.9	43.4	42.8	42.0	41.5	41.3	40.6
10	45.8	44.8	44.1	43.5	43.0	42.5	41.7	41.3	40.8	40.1
11	47.1	45.7	44.6	43.9	43.3	42.7	41.9	41.5	41.3	40.6
12	47.9	46.2	44.9	44.0	43.3	42.7	42.0	41.5	41.4	40.7
13	45.2	44.3	43.6	43.1	42.7	42.2	41.7	41.3	41.3	40.6
14	49.4	47.9	46.2	45.1	44.0	43.1	42.2	41.7	41.5	41.3
15	51.5	50.5	49.4	48.3	47.2	45.5	43.8	43.0	42.7	41.9
16	48.0	46.5	45.7	44.9	44.4	43.8	43.1	42.7	42.6	41.8
17	46.5	45.7	45.1	44.6	44.1	43.5	43.0	42.7	42.6	41.9
18	50.3	48.4	47.2	46.4	45.8	45.2	44.5	44.0	43.9	43.2
19	47.4	46.9	46.5	46.1	45.7	45.3	44.7	44.2	44.0	43.6
20	47.1	46.7	46.2	45.9	45.5	45.2	44.6	44.1	43.9	43.6
21	48.6	47.5	46.8	46.2	45.5	44.9	44.0	43.4	43.0	42.5
22	46.5	46.0	45.6	45.3	44.9	44.4	43.9	43.4	43.0	42.6
23	44.8	44.5	44.1	43.7	43.4	43.0	42.7	42.5	42.0	41.5
24	43.6	43.3	42.9	42.6	42.2	41.8	41.4	41.2	40.7	40.2

FIGURE B-50(b). HOURLY NOISE DATA FOR KANSAS CITY SITE 1302



	DAY	NIGHT	WEIGHTING	WEIGHTED LEQ
MAX	83.8	72.5	0.	51.0
MIN	37.5	31.3	8.	52.4
NPL	64.5	53.7	10.	53.2
SIG	4.6	3.8	12.	54.2
LEQ	52.7	43.9		
TNI	52.1	41.8		
L1	65.1	52.9		
L3	58.9	48.0		
L5	55.9	46.3		
L10	52.6	44.9		
L20	49.5	43.6		
L30	47.7	42.7		
L40	46.7	41.8		
L50	45.9	40.8		
L60	45.2	39.7		
L70	44.4	38.6		
L80	43.6	37.1		
L90	42.7	35.9		
L95	42.0	35.2		
L97	41.6	34.9		
L99	41.3	34.0		

FIGURE B-50(c). DAY/NIGHT NOISE DATA FOR KANSAS CITY SITE 1302



L_{dn}	60.0	dB
ρ	2,700	$\frac{\text{people}}{\text{sq. mi.}}$

SITE: 1303
 Address: 5030 North Park
 Kansas City North, Mo.
 Microphone Height: 1.5 m.
 Distance to Curb: 14.0 m.

ROADWAY TYPE
 At Site: Local
 Vicinity: Arterial

TRAFFIC
 At Site: Cars
 Vicinity: Cars, Trucks

OTHER NOISE SOURCES:

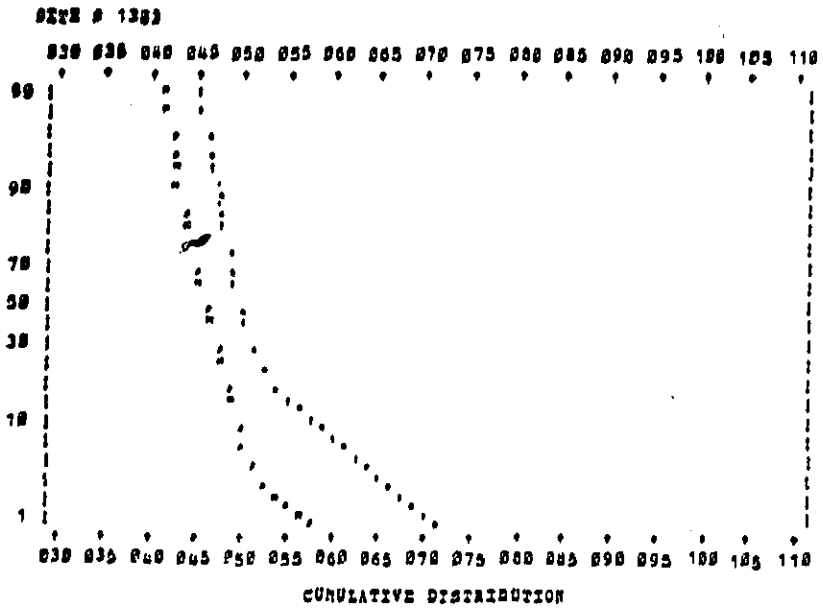
FIGURE B-51(a). DESCRIPTION OF KANSAS CITY SITE 1303

SITE # 1303

HR	MAX	MIN	HPL	SD	L20	THI	L1	L3	L5	L10	L20
1	68.0	42.5	55.0	2.4	48.9	29.4	58.0	54.8	52.2	48.9	48.3
2	68.8	42.5	58.5	1.6	46.4	26.3	51.2	48.4	47.5	47.2	46.4
3	71.3	41.3	54.8	2.8	47.7	28.5	59.6	51.4	48.4	46.8	45.9
4	62.5	40.0	50.0	1.8	45.3	26.9	52.8	48.2	47.0	46.1	45.6
5	76.3	43.0	54.0	2.7	47.0	25.9	58.7	49.6	48.6	45.3	44.6
6	68.8	40.0	54.0	2.8	46.8	34.3	56.9	51.1	49.6	47.7	46.8
7	76.3	42.5	62.3	3.7	52.9	37.0	65.6	58.6	53.5	50.6	48.7
8	70.0	42.5	56.7	2.7	49.9	37.1	59.7	55.2	53.3	51.2	49.7
9	71.3	42.5	57.8	2.8	50.6	36.1	60.0	56.2	54.0	51.3	49.8
10	81.3	45.0	47.5	4.2	56.9	40.8	78.0	64.9	59.7	53.7	51.3
11	70.0	43.8	56.7	2.4	50.7	33.0	60.9	53.6	52.0	50.9	49.9
12	83.8	43.8	43.5	3.5	54.6	46.3	63.8	58.6	56.9	54.9	53.4
13	82.5	43.8	65.5	3.9	55.6	48.1	65.4	59.4	55.9	51.7	49.9
14	77.5	45.0	63.3	3.7	53.9	43.2	66.1	62.0	58.7	54.1	50.7
15	76.3	43.8	57.8	2.6	51.8	36.1	58.6	52.4	51.4	50.8	48.9
16	75.0	43.8	68.8	2.9	52.5	34.2	64.0	58.7	55.3	51.9	50.4
17	81.3	43.8	60.9	3.2	52.7	39.6	63.2	57.8	54.3	52.2	50.9
18	86.3	47.5	72.1	4.4	58.9	51.6	70.8	65.5	62.3	57.4	53.6
19	98.8	45.0	64.5	7.0	66.6	84.9	77.6	72.4	69.6	65.3	60.3
20	92.5	46.3	79.0	5.9	63.9	72.3	75.9	69.4	66.3	62.5	58.6
21	93.8	46.3	86.3	7.2	67.6	92.2	79.5	75.4	73.0	69.0	64.6
22	90.0	46.3	66.6	3.7	57.2	43.5	68.3	62.2	59.2	55.2	52.4
23	65.0	46.3	53.7	1.4	50.1	29.1	55.9	53.8	52.6	51.1	50.1
24	67.5	43.8	52.8	1.6	48.7	28.9	55.6	51.5	50.4	49.7	48.9

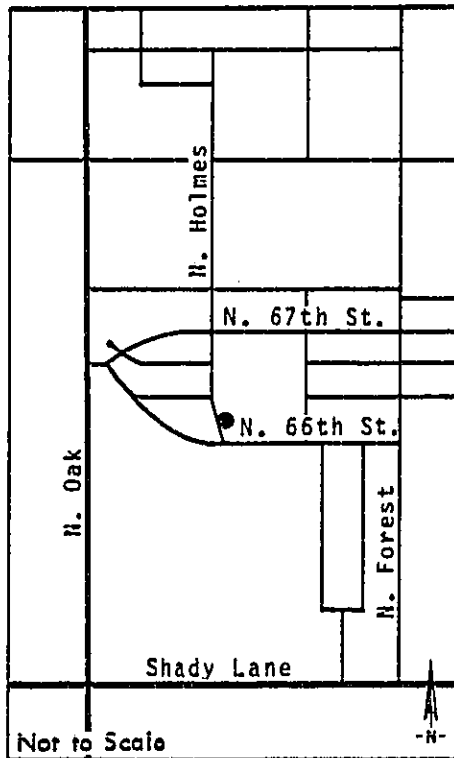
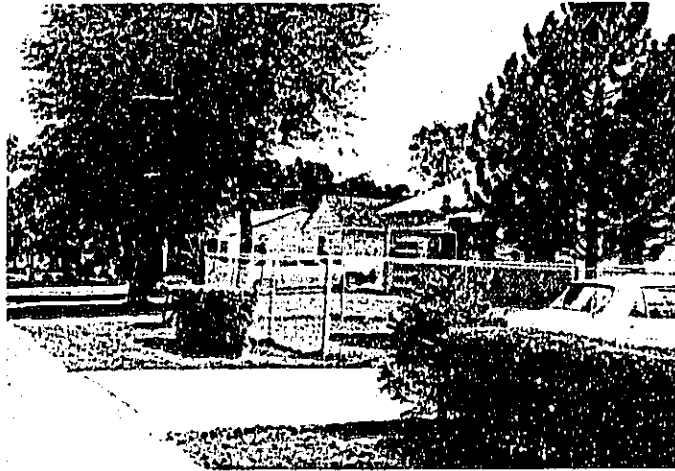
HR	L30	L40	L50	L60	L70	L80	L90	L95	L97	L99
1	47.9	47.5	47.2	46.9	46.6	46.3	45.3	44.6	44.3	43.9
2	46.1	45.8	45.5	45.3	45.0	44.5	44.1	43.9	43.8	43.0
3	45.4	45.0	44.5	44.1	43.7	43.3	42.8	42.6	42.5	41.8
4	45.0	44.8	44.5	44.2	44.0	43.6	42.5	41.9	41.6	41.4
5	44.1	43.6	43.3	43.0	42.7	42.3	41.7	41.4	41.3	40.7
6	45.0	44.5	43.9	43.5	43.1	42.8	42.2	41.7	41.5	41.3
7	48.0	47.4	47.0	46.6	46.2	45.7	45.2	44.6	44.2	43.9
8	48.7	48.3	47.8	47.4	47.0	46.6	45.9	45.4	45.1	44.4
9	49.1	48.6	48.2	47.8	47.4	46.9	46.3	45.6	45.3	44.6
10	50.7	50.1	49.7	49.4	49.0	48.7	48.3	47.7	47.6	46.8
11	49.5	49.1	48.7	48.3	48.0	47.6	46.9	46.5	46.3	45.5
12	52.3	51.0	49.9	49.2	48.6	48.2	47.7	47.5	46.9	46.3
13	49.1	48.5	48.0	47.6	46.9	46.2	45.6	45.2	45.1	44.7
14	49.8	49.5	49.1	48.8	48.5	48.1	47.8	47.6	47.6	47.2
15	49.2	48.5	47.6	47.1	46.7	46.3	45.7	45.3	45.2	45.0
16	49.8	49.6	49.3	49.2	48.8	48.3	47.8	47.5	46.8	45.6
17	50.0	49.4	48.8	48.1	47.4	46.9	46.4	45.8	45.5	45.1
18	52.4	51.8	51.2	50.8	50.4	50.0	49.4	49.0	48.9	48.6
19	57.1	54.6	52.7	51.3	50.3	49.5	48.8	48.0	47.6	46.8
20	56.1	54.3	52.9	51.7	50.8	50.0	49.2	48.8	48.4	47.8
21	61.1	58.6	56.5	54.9	53.5	52.3	51.3	50.3	49.8	49.9
22	51.8	51.2	50.8	50.4	50.0	49.5	49.1	48.8	48.7	47.9
23	49.8	49.6	49.4	49.2	49.1	48.9	48.4	47.9	47.8	47.6
24	48.5	48.3	48.0	47.8	47.5	47.0	46.6	46.4	46.3	45.7

FIGURE B-51(b). HOURLY NOISE DATA FOR KANSAS CITY SITE 1303



	DAY "L"	NIGHT "N"	WEIGHTING	WEIGHTED L _{eq}
MAX	98.6	76.3	0.	58.7
MIN	42.3	40.8	8.	59.5
MPL	74.8	56.7	10.	69.0
SD	5.2	3.1	12.	69.7
L50	60.6	48.8		
TMZ	60.4	39.6		
11	71.9	57.8		
13	66.8	52.5		
15	62.7	50.6		
110	57.8	49.6		
120	53.3	48.5		
130	51.4	47.6		
140	50.5	46.7		
150	49.7	46.8		
160	49.2	45.2		
170	48.6	44.5		
180	47.9	43.9		
190	46.9	42.9		
195	46.2	42.4		
197	45.7	41.9		
199	45.2	41.4		

FIGURE B-51(c). DAY/NIGHT NOISE DATA FOR KANSAS CITY SITE 1303



L_{DN} :	67.4	dB
ρ :	3,000	$\frac{\text{people}}{\text{sq. mi.}}$

SITE: 1304
 Address: 6603 North Holmes
 Kansas City, Mo.
 Microphone Height: 1.5 m.
 Distance to Curb: 9.2 m.

ROADWAY TYPE
 At Site: Local
 Vicinity: Local

TRAFFIC
 At Site: Cars
 Vicinity: Cars

OTHER NOISE SOURCES:

FIGURE B-52(a). DESCRIPTION OF KANSAS CITY SITE 1304

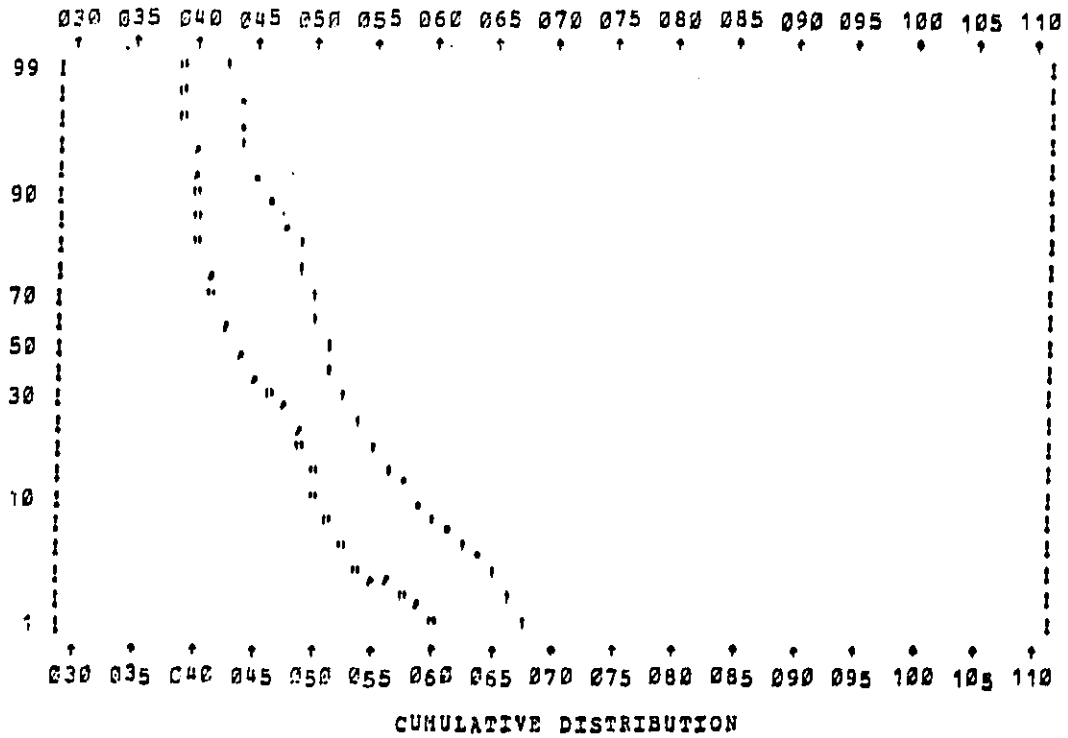
SITE # 1304

HR	MAX	MIN	NPL	SIG	LEO	TNI	L1	L3	L5	L10	L20
1	68.8	40.0	56.5	3.3	48.0	43.8	57.1	52.9	51.4	50.5	49.4
2	65.0	37.5	55.8	3.6	46.6	46.9	55.6	51.2	50.8	49.9	48.8
3	73.8	37.5	60.6	4.4	49.4	48.8	59.4	50.8	50.0	49.4	47.8
4	63.8	37.5	52.6	3.4	43.9	47.5	51.1	49.9	49.5	48.6	42.7
5	70.0	37.5	55.4	3.8	45.6	48.0	55.8	50.3	49.7	48.9	44.7
6	73.8	37.5	57.6	3.8	48.0	42.6	59.2	50.9	49.7	48.3	44.3
7	72.5	37.5	62.9	4.8	50.5	52.6	63.1	59.0	56.0	51.3	47.3
8	82.5	38.8	66.2	4.9	53.6	58.0	63.2	60.3	58.1	54.0	50.8
9	81.3	38.8	63.8	4.6	52.2	55.1	62.4	58.7	56.8	53.5	50.7
10	77.5	40.0	61.8	4.0	51.6	51.4	61.9	58.1	56.1	53.6	51.1
11	78.8	41.3	62.1	3.4	53.4	46.5	63.5	60.0	57.7	54.6	52.4
12	70.0	47.5	67.5	4.3	56.5	63.6	66.1	64.2	63.1	60.5	56.7
13	80.0	41.3	66.4	4.4	55.2	60.3	65.3	61.8	59.9	57.0	53.3
14	80.0	42.5	64.7	3.9	54.8	48.5	66.8	61.3	58.5	54.8	52.2
15	85.0	46.3	71.1	4.7	59.0	58.0	71.1	66.9	63.5	59.0	55.4
16	81.3	46.3	58.9	2.5	52.6	37.5	61.6	58.1	56.3	53.7	52.0
17	81.3	47.5	76.6	6.0	61.3	83.1	71.0	68.8	67.8	66.1	63.3
18	106.2	47.5	76.7	3.1	68.8	41.6	64.7	59.5	58.0	55.8	54.0
19	95.0	47.5	69.6	3.8	59.7	55.7	67.4	63.5	62.1	59.5	56.6
20	82.5	47.5	73.4	5.1	60.3	75.2	68.6	66.5	65.9	64.8	60.4
21	106.2	48.8	83.4	5.5	69.4	74.2	73.3	69.2	67.3	64.6	61.3
22	78.8	47.5	60.2	2.5	53.8	39.0	63.2	59.1	57.3	54.9	52.9
23	77.5	42.5	64.3	3.9	54.4	49.0	64.7	61.1	58.5	54.9	52.1
24	78.8	42.0	65.6	4.5	54.2	47.3	65.1	57.8	54.9	51.7	50.4

HR	L30	L40	L50	L60	L70	L80	L90	L95	L97	L99
1	47.1	45.5	44.8	44.3	43.8	43.3	42.8	42.5	42.0	41.5
2	45.0	44.3	43.6	43.0	42.5	41.8	40.9	40.2	40.0	39.1
3	42.6	41.9	41.2	40.9	40.5	40.2	39.6	39.2	39.0	38.8
4	41.6	41.0	40.5	40.1	39.7	39.4	39.0	38.8	38.8	38.0
5	41.9	41.1	40.8	40.5	40.2	39.7	39.2	38.9	38.8	38.1
6	42.5	41.9	41.4	41.0	40.7	40.4	40.2	40.0	39.5	39.0
7	45.6	44.4	43.6	42.9	42.3	41.7	40.9	40.3	40.1	39.4
8	49.4	48.1	46.6	45.3	44.3	43.5	42.7	42.0	41.7	41.3
9	49.2	47.8	46.5	45.5	44.7	43.9	43.0	42.5	41.9	41.4
10	49.9	48.9	47.7	46.7	45.9	45.2	44.3	43.9	43.5	42.7
11	51.5	50.9	50.4	49.9	49.4	48.9	47.3	46.2	45.5	44.5
12	54.4	53.2	52.2	51.3	50.7	50.2	49.4	49.0	48.8	48.2
13	51.7	50.9	50.4	49.8	49.2	48.2	45.9	44.7	44.1	43.3
14	51.2	50.7	50.3	49.8	49.4	48.9	47.0	45.4	44.7	44.0
15	53.9	52.3	51.3	50.8	50.4	50.0	49.3	49.0	48.9	48.6
16	51.2	50.8	50.5	50.2	49.8	49.5	49.1	48.9	48.0	48.3
17	57.3	55.4	54.0	53.0	52.2	51.4	50.5	49.9	49.4	49.0
18	53.3	52.7	52.3	51.9	51.5	51.1	50.5	50.2	50.1	49.6
19	54.9	53.7	53.0	52.4	51.9	51.5	50.8	50.3	50.2	49.7
20	56.7	54.8	53.8	53.1	52.5	51.9	51.3	50.7	50.4	50.1
21	56.8	56.8	55.3	54.0	53.0	52.2	51.4	50.8	50.5	50.1
22	52.2	51.9	51.5	51.2	50.9	50.5	50.2	50.1	49.9	49.1
23	51.2	50.7	50.2	49.3	48.4	47.5	46.5	45.7	45.3	44.9
24	49.6	48.7	46.1	45.3	44.6	44.0	43.2	42.7	42.4	41.6

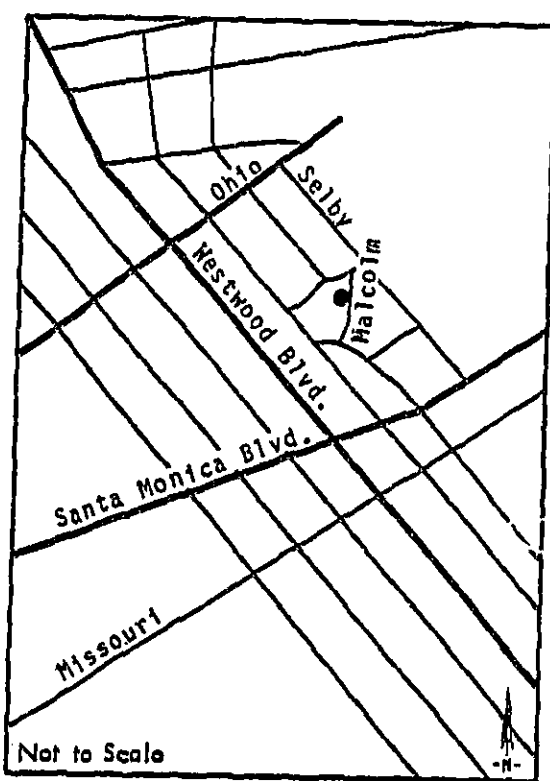
FIGURE B-52(b). HOURLY NOISE DATA FOR KANSAS CITY SITE 1304

SITE # 1304



	DAY "L"	NIGHT "N"	WEIGHTING	WEIGHTED LEQ
MAX	66.2	78.8	0.	60.1
MIN	38.8	37.5	8.	60.9
NPL	75.3	62.6	10.	61.4
SIG	5.2	4.8	12.	62.1
LEQ	62.0	50.3		
TNI	67.0	52.9		
L1	68.5	61.0		
L3	65.2	55.1		
L5	63.1	52.4		
L10	58.7	50.8		
L20	54.8	49.2		
L30	53.1	47.0		
L40	52.1	44.8		
L50	51.3	43.5		
L60	50.7	42.4		
L70	50.0	41.4		
L80	49.0	40.7		
L90	45.9	40.0		
L95	44.3	39.4		
L97	43.5	39.1		
L99	42.5	36.8		

FIGURE B-52(c). DAY/NIGHT NOISE DATA FOR KANSAS CITY SITE 1304



L_{DN} :	56.4	dB
ρ :	12,400	$\frac{\text{people}}{\text{sq. mi.}}$

SITE: 1601
 Address: 1637 Malcolm
 Los Angeles, Ca.
 Microphone Height: 4.5 m.
 Distance to Curb: 6.4 m.

ROADWAY TYPE
 At Site: Local
 Vicinity: Local

TRAFFIC
 At Site: Cars
 Vicinity: Cars

OTHER NOISE SOURCES:

FIGURE B-53(a). DESCRIPTION OF LOS ANGELES SITE 1601

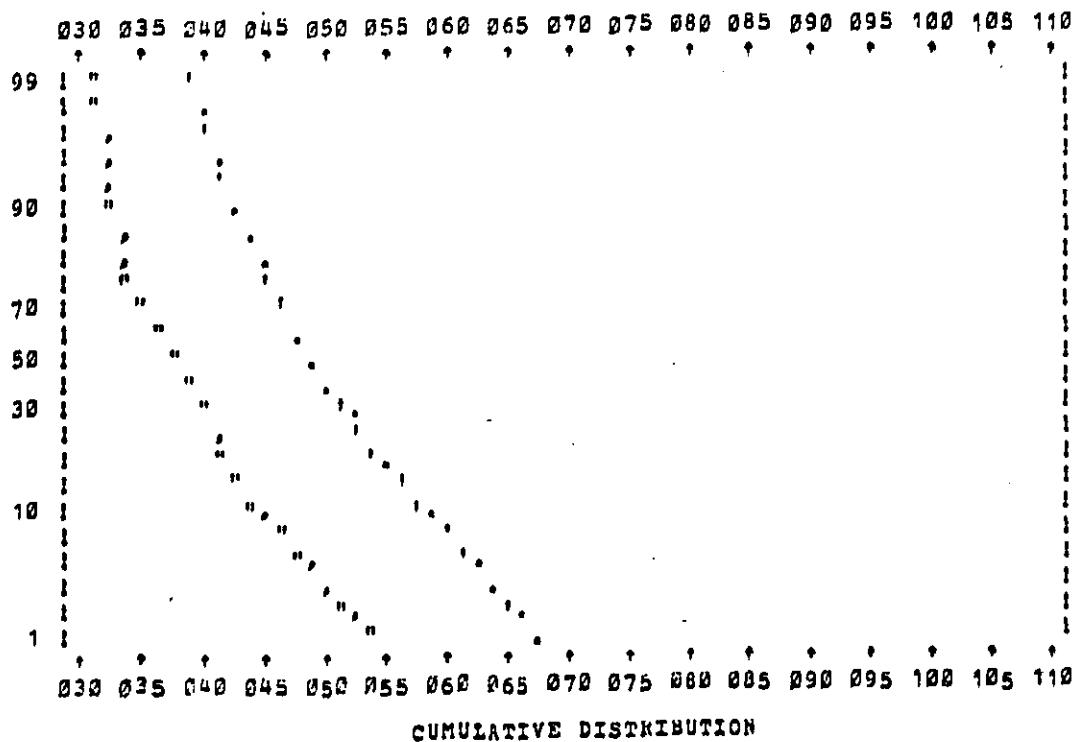
SITE # 1631

HR	MAX	MIN	NPL	SIG	LEQ	TNI	L1	L3	L5	L10	L20
1	72.5	33.8	55.3	4.3	44.4	41.7	55.8	51.5	49.0	44.8	41.2
2	55.0	31.3	52.4	4.3	41.3	49.6	49.8	48.0	47.0	45.3	42.9
3	65.0	31.3	54.4	4.9	41.8	48.6	53.6	49.5	47.7	44.2	40.2
4	53.8	31.3	42.8	2.3	34.9	16.9	44.8	39.5	37.1	35.5	34.4
5	67.5	31.3	46.6	3.2	38.5	23.7	48.3	41.9	39.8	37.2	34.9
6	75.0	31.3	48.2	2.8	42.1	26.8	46.1	42.2	41.1	39.7	38.5
7	67.5	35.0	54.9	4.0	44.8	41.7	55.5	51.9	49.9	45.0	43.2
8	95.0	36.3	77.0	7.2	58.5	79.8	67.5	63.7	61.4	57.0	51.8
9	90.0	36.3	73.9	6.9	56.2	80.3	68.1	62.7	60.8	57.8	53.0
10	80.0	42.5	74.7	5.9	59.6	74.1	72.7	66.4	64.2	61.2	57.6
11	85.0	42.5	72.1	5.2	58.8	69.4	69.9	65.5	63.7	60.7	57.2
12	100.0	42.5	75.4	5.6	61.2	69.5	68.3	65.0	63.0	59.4	54.9
13	75.0	42.5	66.1	5.1	55.0	67.6	65.6	63.0	61.5	58.9	54.8
14	78.8	40.0	68.2	5.1	55.2	63.2	66.0	61.6	59.7	56.0	53.1
15	77.5	42.5	76.8	6.6	60.0	79.5	72.4	70.0	66.9	62.1	57.9
16	81.3	42.5	67.4	4.9	55.0	64.1	65.0	61.4	59.9	57.7	54.3
17	82.5	41.3	70.5	5.5	56.4	70.4	67.4	64.1	62.1	59.3	55.6
18	78.8	42.5	69.6	5.5	55.4	70.5	66.3	64.0	62.3	58.9	54.0
19	83.8	41.3	67.9	5.2	54.6	63.7	65.9	62.4	60.2	56.5	52.1
20	86.3	38.8	73.2	6.3	57.0	74.2	68.1	63.5	61.5	58.0	53.1
21	78.8	38.8	69.0	5.5	54.8	65.7	64.3	61.0	58.7	55.7	53.9
22	83.8	37.5	61.2	4.4	49.9	46.2	61.9	55.7	52.3	49.1	45.0
23	73.8	36.3	54.3	3.4	45.5	31.7	56.4	52.0	48.7	44.7	42.4
24	80.0	35.0	63.2	4.9	50.6	53.1	60.5	54.4	52.7	49.6	46.6

HR	L30	L40	L50	L60	L70	L80	L90	L95	L97	L99
1	39.8	38.9	38.2	37.7	37.1	36.6	35.9	35.4	35.2	35.0
2	40.8	39.1	37.9	36.7	35.7	34.8	33.8	33.1	32.8	32.5
3	37.4	35.6	34.7	34.3	33.8	33.3	32.8	32.5	32.1	31.5
4	33.7	33.4	33.1	32.8	32.5	32.1	31.7	31.5	31.4	31.3
5	34.2	33.6	33.2	32.9	32.5	32.1	31.7	31.5	31.4	31.3
6	37.8	37.3	36.8	36.3	35.6	34.8	34.0	33.5	33.1	32.7
7	42.2	41.5	40.8	40.0	38.9	38.1	37.2	36.6	36.4	35.7
8	46.6	43.7	42.3	41.4	40.8	40.2	39.4	38.9	38.8	37.9
9	49.9	47.4	45.4	43.7	42.4	41.4	40.3	39.6	39.2	38.8
10	55.4	53.3	51.7	50.4	49.2	48.1	46.9	46.1	45.6	45.1
11	55.0	53.5	52.4	51.5	50.5	49.4	47.9	46.7	46.2	45.3
12	51.9	49.9	48.7	48.1	47.5	46.8	46.1	45.4	45.1	44.3
13	51.6	49.7	46.6	47.9	47.3	46.7	46.0	45.4	45.2	44.7
14	50.7	49.0	47.9	47.0	46.2	45.5	44.6	43.9	43.3	42.6
15	54.5	52.2	50.6	49.4	48.3	47.3	46.3	45.6	45.3	44.8
16	51.8	49.6	48.4	47.5	46.9	46.4	45.6	45.2	45.0	44.2
17	53.0	50.8	49.2	48.1	47.2	46.5	45.6	45.1	44.7	44.0
18	51.5	49.6	48.1	47.1	46.2	45.6	45.0	44.3	44.1	43.8
19	49.5	47.9	46.9	46.1	45.5	44.8	44.1	43.8	43.2	42.7
20	50.0	47.6	46.1	45.1	44.2	43.4	42.6	41.8	41.4	40.6
21	53.5	53.2	52.8	52.5	48.8	43.7	42.4	41.7	41.4	40.7
22	43.5	42.6	42.0	41.5	41.0	40.6	40.1	39.6	39.2	38.9
23	41.6	41.1	40.7	40.3	40.0	39.5	39.0	38.8	38.4	37.8
24	44.3	42.7	41.5	40.6	39.8	39.2	38.4	37.9	37.7	37.3

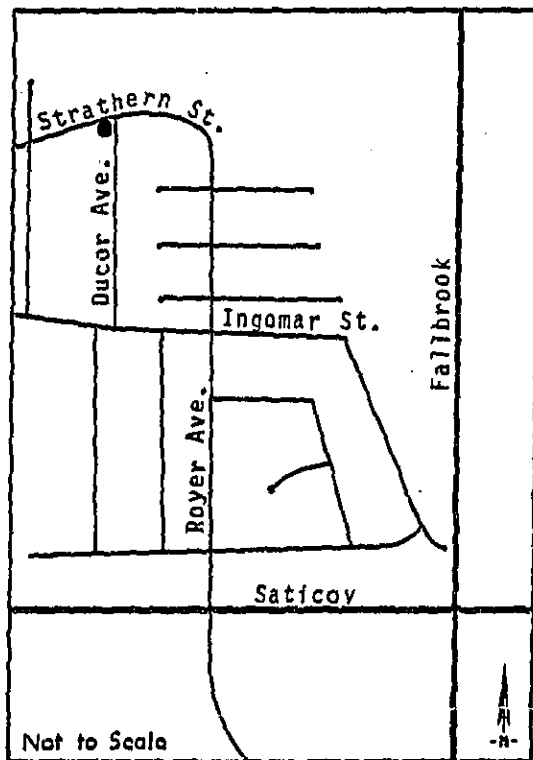
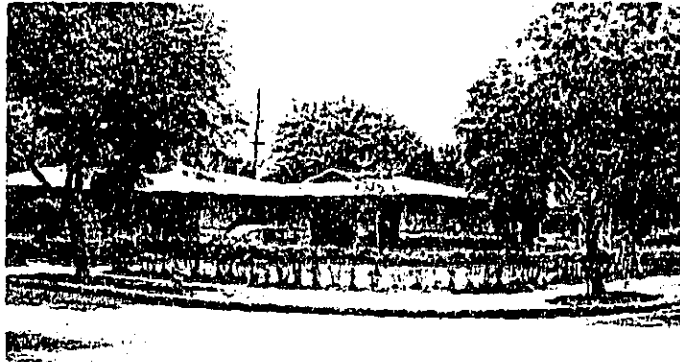
FIGURE B-53(b). HOURLY NOISE DATA FOR LOS ANGELES SITE 1601

SITE # 1601



	DAY ".,"	NIGHT ".,",	WEIGHTING	WEIGHTED LEQ
MAX	80.0	80.0	0.	55.3
MIN	36.3	31.3	8.	56.0
NPL	73.3	57.5	10.	56.4
SIG	6.3	5.0	12.	57.0
LEQ	57.2	44.7		
TNI	77.0	49.8		
L1	68.1	54.4		
L3	63.7	50.0		
L5	61.7	47.8		
L10	58.4	44.5		
L20	54.3	41.7		
L30	52.2	40.4		
L40	50.0	39.2		
L50	48.4	37.9		
L60	47.1	36.7		
L70	46.0	35.:		
L80	44.6	33.8		
L90	42.2	32.8		
L95	40.0	32.:		
L97	40.2	31.8		
L99	39.2	31.4		

FIGURE B-53(c). DAY/NIGHT NOISE DATA FOR LOS ANGELES SITE 1601



L_{DN} :	57.1	dB
ρ :	1,300	$\frac{\text{people}}{\text{sq. mi.}}$

SITE: 1602
 Address: 7937 Ducor
 Canoga Park, Ca.
 Microphone Height: 1.5 m.
 Distance to Curb: 5.4 m.

ROADWAY TYPE
 At Site: Local
 Vicinity: Local

TRAFFIC
 At Site: Cars
 Vicinity: Cars

OTHER NOISE SOURCES:

FIGURE B-54(a). DESCRIPTION OF LOS ANGELES SITE 1602

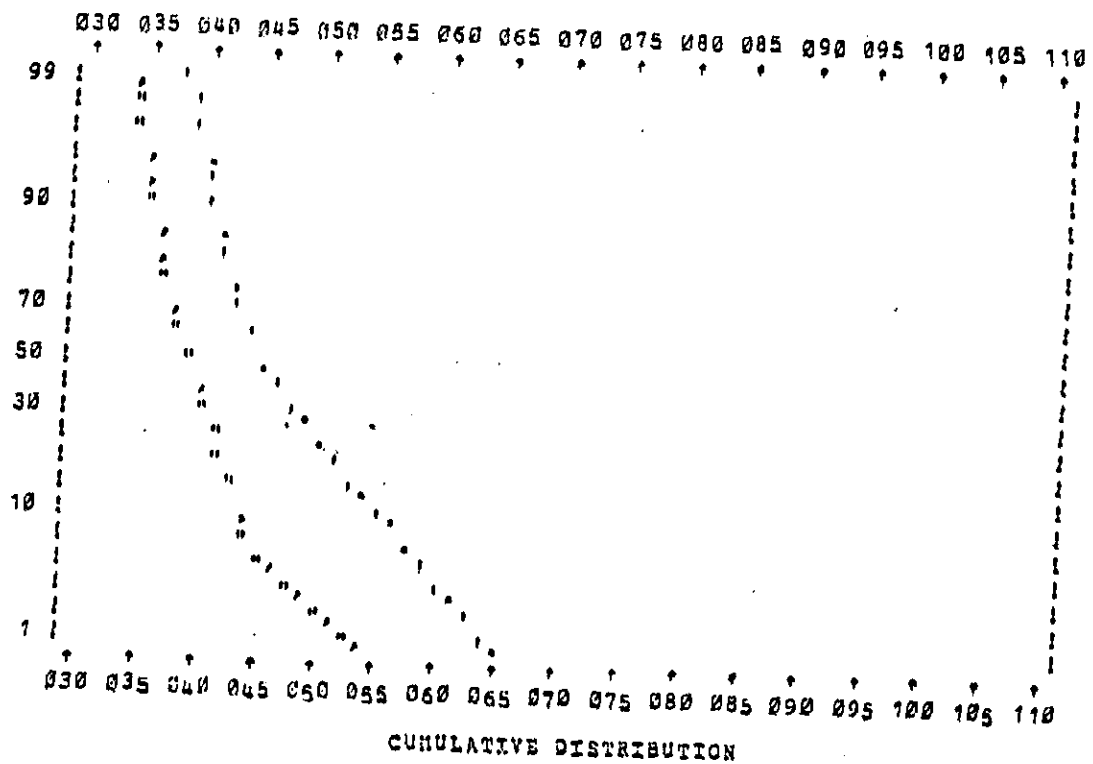
SITE # 1622

HR	MAX	MIN	NPL	SIG	LEQ	TNI	L1	L3	L5	L10	L20
1	73.8	33.8	51.9	2.9	44.4	26.5	50.9	45.9	43.8	41.5	40.6
2	62.5	31.3	45.4	2.3	39.6	24.9	45.2	42.3	41.2	40.4	39.6
3	66.3	31.3	48.3	3.0	40.7	28.3	50.8	44.0	42.3	40.8	39.6
4	53.8	31.3	48.0	3.3	39.7	37.8	48.6	46.2	45.0	43.0	39.9
5	82.5	31.3	53.6	2.8	46.4	18.7	51.3	39.1	38.5	37.6	37.0
6	67.5	31.3	49.2	3.1	41.2	29.5	50.8	44.0	42.2	40.7	39.6
7	71.3	37.5	56.6	3.6	47.3	38.7	58.9	53.6	51.2	47.5	44.6
8	86.3	38.6	62.9	4.4	51.6	51.0	62.0	58.1	55.4	51.8	48.0
9	80.0	36.3	68.3	6.1	52.6	76.2	63.2	59.6	58.4	56.8	49.2
10	83.8	36.3	71.9	6.7	54.8	76.2	67.1	62.8	60.1	56.5	50.9
11	77.5	36.3	68.6	6.0	53.2	69.0	65.7	61.1	59.0	54.9	49.5
12	87.5	36.3	72.1	5.9	57.0	65.0	66.2	61.5	58.4	54.4	50.0
13	77.5	36.3	72.2	7.1	54.1	82.1	65.3	62.2	60.5	57.4	53.3
14	87.5	35.0	71.3	5.9	56.3	68.0	64.4	60.3	58.1	55.0	51.5
15	91.3	35.0	82.1	7.9	62.0	82.9	72.4	65.7	62.2	57.5	52.3
16	76.3	35.0	69.7	6.4	53.4	73.0	65.7	60.9	58.9	55.2	50.7
17	82.5	37.5	70.4	6.0	54.6	71.0	65.9	61.8	59.6	56.0	52.5
18	83.8	38.8	67.7	5.1	54.6	65.1	64.8	61.4	59.6	56.8	53.6
19	80.0	37.5	69.5	5.8	54.8	70.0	65.9	61.7	59.8	56.9	53.2
20	76.3	36.3	67.9	5.8	53.0	69.3	64.3	60.5	58.7	55.4	50.5
21	80.0	38.8	66.0	5.3	52.5	63.7	63.5	60.3	58.3	55.0	51.1
22	85.0	37.5	64.4	4.4	53.2	44.7	62.8	56.8	53.9	49.3	45.3
23	91.3	36.3	66.5	3.7	57.0	32.2	57.2	52.3	49.0	45.2	43.6
24	78.8	33.8	58.1	3.6	46.9	29.5	58.1	51.2	47.5	44.0	42.7

HR	L30	L40	L50	L60	L70	L80	L90	L95	L97	L99
1	39.9	39.4	38.9	38.4	37.9	37.3	36.6	36.1	35.6	35.2
2	39.1	36.6	38.1	37.6	37.1	36.5	35.6	35.0	34.5	33.9
3	38.9	36.3	37.8	37.1	36.5	35.8	35.0	34.3	34.0	33.4
4	38.5	37.8	37.2	36.7	36.1	35.5	34.7	34.1	33.9	33.1
5	36.5	36.1	35.7	35.3	35.0	34.5	34.0	33.6	33.1	32.7
6	39.0	38.3	37.7	36.8	36.0	35.3	34.5	34.0	33.8	32.9
7	43.6	43.1	42.6	42.1	41.7	41.2	40.5	40.1	39.8	39.1
8	46.2	45.2	44.6	44.0	43.4	42.9	42.1	41.6	41.4	40.8
9	45.5	43.7	42.9	42.2	41.6	41.0	40.3	39.8	39.3	38.9
10	47.3	45.2	43.6	42.5	41.7	40.8	39.9	39.2	38.9	38.1
11	47.0	45.4	44.1	43.1	42.2	41.4	40.2	39.4	39.0	38.1
12	47.8	46.1	44.7	43.6	42.7	41.8	40.8	40.2	39.7	38.9
13	50.1	47.0	45.1	43.8	41.5	40.3	39.2	38.5	38.0	37.6
14	49.2	47.2	45.7	44.3	43.1	41.9	40.6	39.7	39.2	38.4
15	48.3	45.8	44.0	42.6	41.4	40.3	39.0	38.1	37.6	36.6
16	48.3	46.4	44.8	43.3	41.9	40.6	39.3	38.4	37.9	37.1
17	50.5	48.9	47.3	45.8	44.1	42.5	41.0	40.2	39.8	39.0
18	51.6	50.0	48.7	47.6	46.5	45.4	44.0	43.0	42.5	41.3
19	50.8	48.0	47.2	46.0	45.0	43.8	42.5	41.6	41.1	40.2
20	47.5	45.8	44.6	43.6	42.7	41.8	40.8	40.2	39.8	39.0
21	48.4	46.4	45.1	44.4	43.7	43.0	42.1	41.5	41.2	40.4
22	44.4	43.7	43.2	42.7	42.2	41.6	40.9	40.3	40.1	39.5
23	43.0	42.4	41.9	41.4	40.9	40.3	39.5	39.0	38.7	37.8
24	42.0	41.5	41.0	40.5	40.0	39.4	38.8	38.0	37.7	36.9

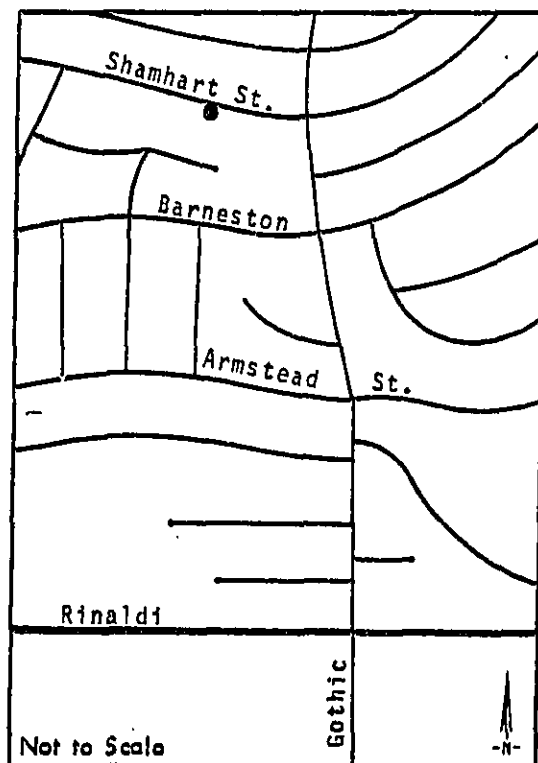
FIGURE B-54(b). HOURLY NOISE DATA FOR LOS ANGELES SITE 1602

SITE # 1602



	DAY " , "	NIGHT " , "	WEIGHTING	WEIGHTED L20
MAX	91.3	91.3		
MIN	35.0	31.3	0.	53.6
NPL	70.5	59.4	8.	56.0
SIG	6.0	4.0	10.	57.1
L20	55.0	49.2	12.	58.4
L30	65.3	54.3		
L40	61.0	48.1		
L50	58.9	45.6		
L60	55.6	43.5		
L70	51.2	42.0		
L80	48.4	40.9		
L90	46.4	39.8		
L95	44.9	39.0		
L97	43.8	38.1		
L99	42.8	37.2		
	41.8	36.3		
	40.6	35.2		
	39.7	34.4		
	39.1	34.0		
	38.2	33.4		

FIGURE B-54(c). DAY/NIGHT NOISE DATA FOR LOS ANGELES SITE 1602



L_{DN} :	56.1	dB
ρ :	4,900	$\frac{\text{people}}{\text{sq. mi.}}$

SITE: 1603

Address: 16434 Shamhart Dr.
Granada Hills, Ca.

Microphone Height: 1.5 m.

Distance to Curb: 9.1 m.

ROADWAY TYPE

At Site: Local

Vicinity: Local

TRAFFIC

At Site: Cars

Vicinity: Cars

OTHER NOISE SOURCES:

FIGURE B-55(a). DESCRIPTION OF LOS ANGELES SITE 1603

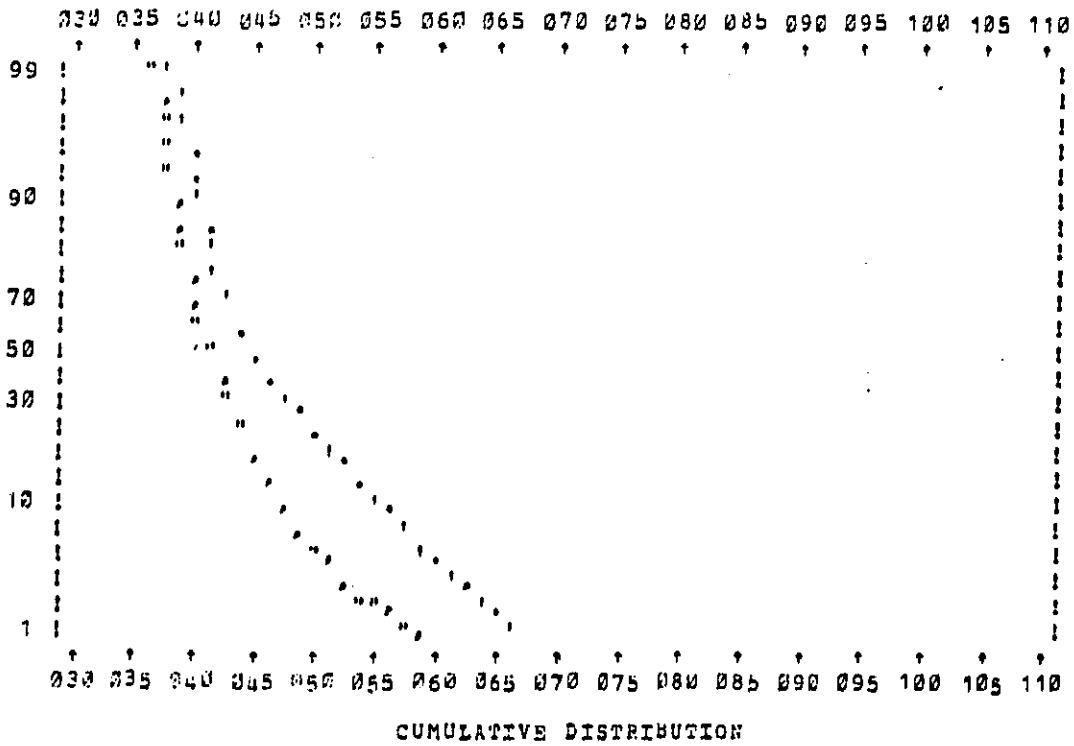
SITE # 1603

HR	MAX	MIN	NPL	SIG	LEO	TNI	L1	L3	L5	L10	L20
1	78.8	35.0	57.0	3.8	48.0	31.7	57.5	51.1	47.8	43.7	41.6
2	75.0	35.0	67.0	5.6	52.6	42.3	67.6	61.0	54.5	46.7	42.7
3	63.8	35.0	52.4	3.4	43.6	31.2	55.2	50.9	47.8	43.6	41.7
4	60.0	35.0	47.0	1.9	42.1	25.7	49.2	45.5	44.1	43.4	42.5
5	68.8	36.3	51.1	2.6	44.5	29.3	53.0	47.1	45.5	44.6	43.6
6	70.0	36.8	51.0	2.2	45.4	28.1	52.7	47.4	46.4	45.0	44.9
7	66.3	40.0	50.1	3.1	48.2	41.6	57.7	53.7	52.3	50.3	48.4
8	77.5	40.0	60.5	5.0	53.8	54.5	65.3	59.9	57.4	53.0	48.7
9	78.8	37.5	71.1	6.0	55.9	64.3	69.7	60.0	58.3	54.3	50.7
10	77.5	36.3	73.3	6.9	55.5	74.5	69.4	64.4	60.7	55.9	51.7
11	76.3	35.0	71.4	6.6	54.6	73.6	67.4	61.8	59.3	55.5	51.3
12	78.8	37.5	69.8	6.0	54.4	72.0	65.8	61.9	60.0	56.6	52.3
13	80.0	35.0	71.2	6.6	54.2	78.0	65.5	61.6	59.7	56.0	52.3
14	82.5	36.3	70.9	6.4	54.6	70.9	67.0	62.0	59.1	55.3	51.3
15	78.8	36.3	67.8	5.9	52.7	69.3	63.4	60.0	58.3	54.9	50.8
16	76.8	35.0	71.9	6.6	54.6	71.5	68.3	61.5	58.8	54.6	50.3
17	73.8	37.5	76.8	7.9	56.6	91.6	67.8	65.1	63.5	60.9	56.7
18	78.8	37.5	73.1	6.8	55.6	79.6	68.5	63.4	61.2	57.8	53.4
19	78.8	37.5	75.7	7.2	57.3	81.2	70.9	65.8	62.3	58.4	53.8
20	80.0	37.5	70.6	6.4	54.3	76.1	65.3	62.1	60.1	57.3	53.7
21	78.8	36.3	68.6	6.1	53.0	69.4	64.7	61.0	59.2	55.0	49.5
22	78.8	36.3	61.4	4.3	50.5	44.0	61.1	55.4	52.3	48.5	45.8
23	73.8	33.8	61.0	4.8	48.7	49.2	60.5	54.9	52.2	48.4	43.9
24	70.0	35.0	60.0	4.9	47.4	46.0	60.2	56.5	53.3	47.7	42.9

HR	L30	L40	L50	L60	L70	L80	L90	L95	L97	L99
1	40.8	40.1	39.6	39.2	38.8	38.2	37.7	37.1	36.8	36.4
2	41.7	41.0	40.4	39.9	39.4	38.9	38.1	37.7	37.5	36.7
3	40.7	40.0	39.6	39.2	38.8	38.3	37.8	37.5	37.0	36.5
4	42.1	41.7	41.3	40.9	40.5	40.1	39.2	38.8	38.3	37.7
5	43.1	42.6	42.1	41.6	41.1	40.5	39.7	39.0	38.5	37.7
6	44.4	44.0	43.6	43.2	42.8	42.3	41.6	41.3	40.9	40.3
7	47.4	46.7	46.0	45.3	44.6	44.0	43.2	42.8	42.6	41.8
8	46.9	45.7	44.9	44.3	43.7	43.1	42.5	41.8	41.6	41.3
9	48.4	46.6	45.1	43.7	42.8	41.9	41.0	40.4	40.1	39.4
10	48.6	46.1	44.3	42.8	41.7	40.7	39.7	39.1	38.8	38.0
11	48.6	46.5	44.7	43.1	41.7	40.6	39.5	38.9	38.5	37.8
12	49.8	48.0	46.4	45.0	43.8	42.6	41.5	40.7	40.3	39.6
13	48.9	46.6	44.8	43.5	42.2	41.0	39.8	39.0	38.6	37.7
14	48.5	46.6	44.9	43.4	42.2	41.1	40.1	39.4	39.1	38.8
15	48.2	46.2	44.7	43.4	42.3	41.2	40.2	39.4	39.0	38.5
16	47.2	44.6	42.6	41.3	40.4	39.7	39.0	38.4	38.0	37.6
17	52.7	48.6	45.6	43.5	42.4	41.6	40.7	40.1	39.7	39.0
18	50.1	47.6	45.8	44.3	43.0	41.8	40.6	39.9	39.4	38.9
19	50.7	48.3	46.3	44.5	43.0	41.9	40.8	40.2	39.8	39.1
20	50.8	48.4	46.3	44.6	43.2	42.1	41.0	40.4	40.1	39.4
21	46.3	44.4	43.2	42.3	41.6	40.9	40.2	39.7	39.2	38.8
22	44.7	43.9	43.2	42.6	41.9	41.2	40.1	39.3	38.9	38.1
23	42.0	41.0	40.4	39.8	39.4	38.9	38.2	37.7	37.5	36.7
24	41.1	40.3	39.7	39.2	38.7	38.2	37.7	37.2	36.8	36.4

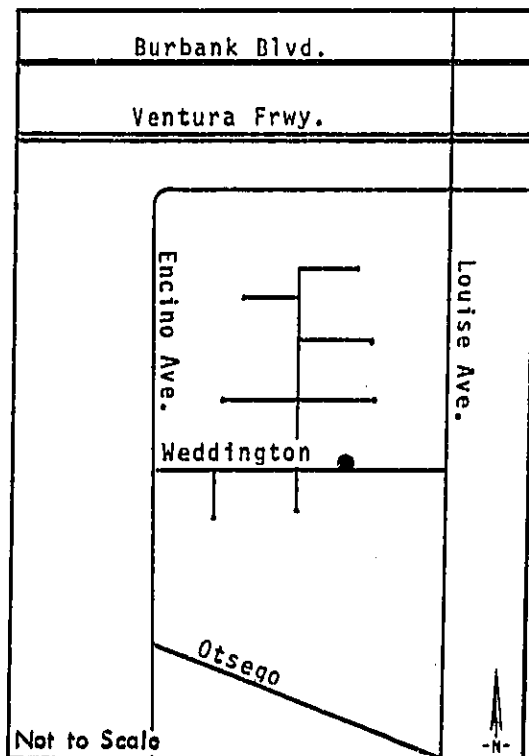
FIGURE B-55(b). HOURLY NOISE DATA FOR LOS ANGELES SITE 1603

SITE # 1603



	DAY ".."	NIGHT "*",	WEIGHTING	WEIGHTED LEQ
MAX	62.5	78.8	0.	53.1
MIN	35.0	33.8	8.	55.1
NPL	72.9	58.5	10.	56.1
SIG	6.4	4.2	12.	57.3
LEQ	50.6	47.8		
TNI	72.3	43.1		
L1	67.1	59.0		
L3	61.8	52.6		
L5	59.4	49.9		
L10	55.8	47.0		
L20	51.2	44.5		
L30	48.4	43.2		
L40	46.2	42.2		
L50	44.7	41.3		
L60	43.5	40.6		
L70	42.4	39.8		
L80	41.4	39.1		
L90	40.2	38.3		
L95	39.4	37.7		
L97	39.0	37.5		
L99	38.3	36.7		

FIGURE B-55(c). DAY/NIGHT NOISE DATA FOR LOS ANGELES SITE 1603



L_{DN} :	61.0	dB
ρ :	3,900	$\frac{\text{people}}{\text{sq. mi.}}$

SITE: 1604
 Address: 17329 Weddington
 Encino, Ca.
 Microphone Height: 1.5 m.
 Distance to Curb: 11.0 m.

ROADWAY TYPE

At Site: Local
 Vicinity: Local

TRAFFIC

At Site: Cars
 Vicinity: Cars

OTHER NOISE SOURCES:

FIGURE B-56(a). DESCRIPTION OF LOS ANGELES SITE 1604

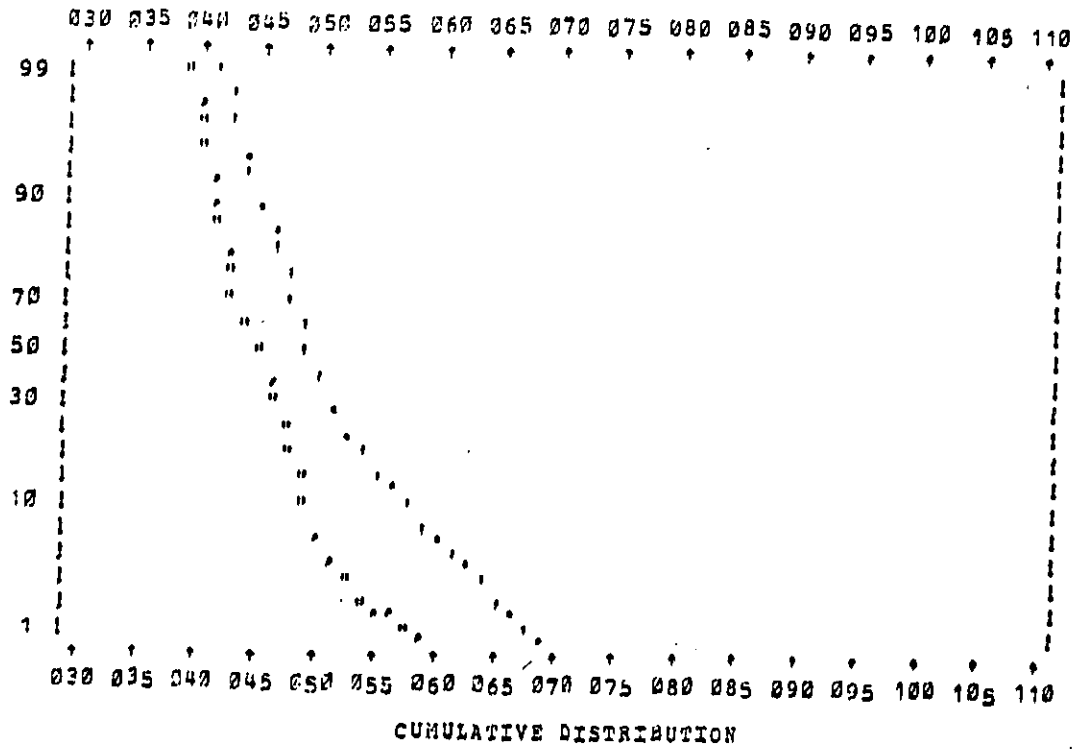
SITE # 1624

HR	MAX	MIN	NPL	STG	L2Q	THI	L1	L3	L5	L10	L20
1	76.3	47.0	54.4	2.8	47.3	36.5	54.5	50.6	49.7	48.7	47.9
2	68.3	38.8	50.7	2.2	45.0	34.5	49.8	48.7	48.3	47.4	46.0
3	68.8	37.5	60.4	4.3	49.3	42.0	63.6	56.4	51.9	48.4	46.5
4	63.8	37.5	44.7	2.0	42.8	27.9	48.8	46.9	45.9	44.5	43.3
5	67.5	36.3	51.4	2.8	44.3	35.4	51.5	48.6	47.4	46.0	44.6
6	66.3	36.3	54.4	2.0	47.2	39.9	53.6	51.6	50.7	49.5	48.3
7	66.3	41.3	53.7	2.2	47.9	31.3	56.0	51.6	49.9	48.7	47.7
8	78.8	40.0	64.3	4.7	52.3	51.0	65.6	60.1	56.8	52.2	48.4
9	75.0	43.0	65.3	4.8	53.0	57.4	65.0	59.3	57.3	53.9	49.3
10	82.5	37.5	70.1	5.4	56.3	60.1	66.7	59.7	57.3	54.1	49.8
11	93.8	43.4	87.2	7.0	69.2	79.5	80.6	72.4	68.4	63.9	58.7
12	82.5	43.4	66.5	4.6	56.7	57.2	68.5	64.1	61.2	57.2	53.5
13	81.3	43.4	65.0	3.8	55.3	47.2	65.0	60.9	58.5	55.0	51.6
14	102.5	43.0	87.2	6.4	70.7	65.7	81.4	69.3	64.0	60.0	56.8
15	88.8	45.0	78.9	6.2	63.1	83.6	74.6	70.5	68.7	66.1	63.3
16	100.0	45.0	76.9	5.3	63.2	65.5	72.3	65.8	63.4	59.8	55.6
17	83.8	45.0	68.6	4.4	57.2	54.3	67.5	63.1	60.6	56.8	53.3
18	97.5	45.0	68.9	3.9	59.0	52.8	64.9	61.3	59.6	56.7	53.5
19	75.0	45.0	61.5	3.3	53.0	46.6	62.8	59.3	57.8	55.1	52.2
20	100.0	42.5	75.7	4.5	64.3	54.4	66.9	61.9	60.0	56.3	52.3
21	67.5	43.4	61.8	3.5	52.8	52.3	62.7	59.9	58.3	56.0	52.5
22	73.8	42.5	57.5	2.8	50.5	37.1	58.9	55.6	53.4	51.0	49.8
23	75.0	43.8	62.8	3.8	53.1	46.7	64.8	61.4	58.7	54.1	50.9
24	75.8	41.3	55.7	2.4	49.5	34.6	58.0	52.5	51.1	50.1	49.5

HR	L30	L40	L50	L60	L70	L80	L90	L95	L97	L99
1	46.8	45.6	44.8	44.2	43.7	43.2	42.7	42.3	41.9	41.4
2	44.8	44.2	43.6	43.2	42.8	42.4	41.7	41.4	41.3	40.5
3	44.3	43.1	42.4	42.0	41.6	41.3	40.6	40.2	40.1	39.5
4	42.6	42.2	41.6	41.3	40.9	40.5	40.0	39.4	39.1	38.0
5	43.6	42.9	42.3	41.7	41.0	40.4	39.6	39.0	38.8	37.9
6	47.4	46.8	46.1	45.4	44.7	43.8	42.7	41.6	40.9	39.6
7	47.1	46.7	46.3	45.9	45.5	45.2	44.5	44.0	43.8	43.1
8	47.1	46.1	45.3	44.6	44.0	43.3	42.6	42.0	41.7	41.3
9	47.4	46.3	45.5	44.8	44.2	43.5	42.8	42.3	41.9	41.4
10	47.3	45.9	44.9	44.3	43.6	42.9	42.1	41.5	41.3	40.4
11	55.5	53.5	52.2	51.3	50.6	49.8	48.7	46.5	45.7	44.9
12	51.6	50.7	50.1	49.5	48.9	48.1	47.2	46.6	46.3	45.5
13	50.5	49.8	49.4	49.1	48.6	48.1	47.6	46.9	46.5	45.7
14	54.5	52.3	51.0	50.0	49.5	49.0	48.1	47.6	47.2	46.4
15	60.5	58.0	56.1	54.9	53.7	52.1	50.2	49.1	48.5	47.7
16	53.3	51.4	50.7	49.9	49.2	48.6	47.9	47.6	47.3	46.6
17	51.4	50.3	49.6	49.0	48.5	48.1	47.6	47.1	46.7	46.4
18	51.9	50.8	50.0	49.5	49.0	48.5	47.9	47.7	47.6	46.9
19	50.8	49.9	49.6	49.2	48.8	48.3	47.9	47.6	47.5	46.9
20	50.7	49.8	49.3	48.8	48.3	47.8	46.9	46.3	45.7	45.2
21	51.1	50.2	49.6	49.1	48.6	48.0	47.2	46.7	46.4	45.9
22	49.3	48.7	48.2	47.6	47.0	46.4	45.6	45.2	45.0	44.3
23	49.9	49.4	48.9	48.5	48.0	47.4	46.6	46.0	45.6	45.2
24	48.9	48.4	48.0	47.5	46.9	46.2	45.3	44.6	44.2	43.8

FIGURE B-56(b). HOURLY NOISE DATA FOR LOS ANGELES SITE 1604

SITE # 1604



	DAY ".,"	NIGHT ",,"	WEIGHTING	WEIGHTED LEQ
MAX	102.5	76.3	0.	60.1
MIN	37.5	36.3	8.	62.7
NPL	76.0	58.0	10.	61.0
SIG	5.4	3.8	12.	61.5
LEQ	62.0	48.4		
TNT	65.6	44.7		
L1	69.2	59.1		
L3	64.1	52.7		
L5	61.5	50.9		
L10	57.6	49.5		
L20	53.7	48.2		
L30	51.3	47.2		
L40	50.1	46.2		
L50	49.4	45.2		
L60	48.8	44.1		
L70	48.0	43.1		
L80	47.0	42.2		
L90	45.0	41.1		
L95	43.5	40.3		
L97	42.8	40.0		
L99	41.8	39.1		

FIGURE B-56(c). DAY/NIGHT NOISE DATA FOR LOS ANGELES SITE 1604



L_{DN} : 58.6 dB
 ρ : 5,200 $\frac{\text{people}}{\text{sq. mi.}}$

SITE: 1605
 Address: 5811 Kentland
 Woodland Hills, Ca.
 Microphone Height: 1.5 m.
 Distance to Curb: 7.3 m.

ROADWAY TYPE
 At Site: Local
 Vicinity: Local

TRAFFIC
 At Site: Cars
 Vicinity: Cars

OTHER NOISE SOURCES:

FIGURE B-57(a). DESCRIPTION OF LOS ANGELES SITE 1605

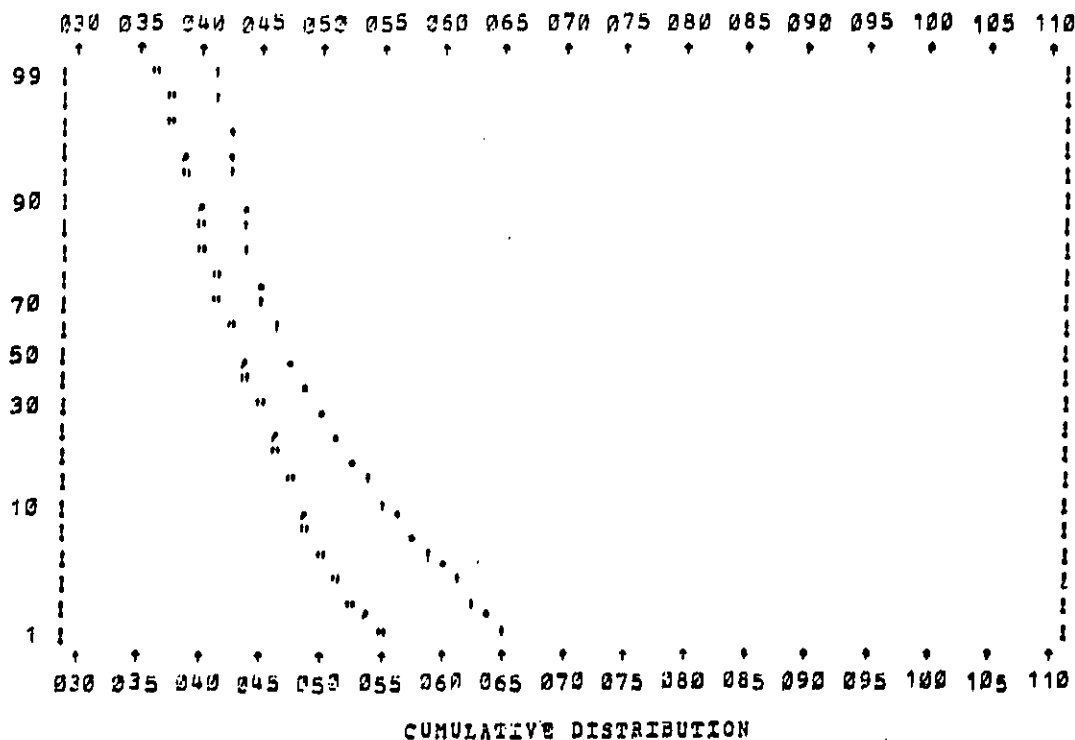
SITE # 1625

HR	MAX	MIN	NPL	SIG	LEQ	TNI	L1	L3	L5	L10	L20
1	85.0	36.3	67.4	3.8	57.7	31.2	61.1	49.6	47.3	45.9	44.9
2	68.8	33.8	51.8	2.9	44.4	33.2	53.1	46.4	45.9	45.0	44.1
3	58.8	33.8	52.6	2.9	43.3	36.0	51.6	48.4	47.1	45.7	44.2
4	56.3	33.8	50.4	2.9	43.1	37.9	49.6	47.9	47.1	45.9	44.4
5	72.5	32.5	53.6	3.8	43.9	44.6	53.0	50.4	48.8	46.7	44.5
6	66.3	35.0	55.8	3.3	47.4	42.9	55.7	51.9	50.8	49.5	48.0
7	70.0	41.3	56.6	2.7	49.6	37.4	58.6	53.9	52.2	50.6	49.3
8	70.0	40.0	59.8	3.8	50.2	46.7	61.6	57.9	54.9	51.8	49.0
9	71.3	40.0	62.5	4.5	50.9	56.4	62.0	58.6	56.9	53.6	49.8
10	76.3	38.8	63.5	4.7	51.5	56.7	62.4	58.8	56.8	53.3	50.1
11	90.0	38.8	76.1	6.5	59.6	76.0	71.5	65.5	63.1	59.4	55.3
12	87.5	38.8	85.7	8.2	64.6	90.8	77.7	71.5	67.2	61.8	54.1
13	83.8	37.5	68.9	5.6	54.4	68.1	65.1	60.7	59.0	56.3	53.0
14	81.3	40.0	69.7	5.5	55.6	67.6	66.0	62.4	60.4	57.2	52.2
15	76.3	38.8	64.5	4.9	52.0	59.4	63.0	59.3	57.3	54.0	50.2
16	81.3	40.0	68.8	5.0	55.9	57.8	66.4	61.8	58.8	54.8	50.9
17	72.5	41.3	61.8	3.5	52.7	50.9	60.8	57.2	56.0	54.8	53.5
18	83.8	42.5	65.9	4.4	54.6	59.0	64.9	61.2	59.5	56.8	53.3
19	83.8	41.3	69.7	5.1	56.5	59.5	67.6	62.6	60.7	58.5	51.5
20	77.5	38.8	64.9	4.9	52.3	60.7	63.5	60.5	58.4	54.9	51.3
21	76.3	41.3	63.8	4.5	52.2	59.4	62.2	59.3	57.9	55.4	52.2
22	72.5	42.0	63.7	4.4	52.4	56.0	63.9	60.3	58.2	54.6	51.2
23	81.3	40.0	62.1	3.6	52.9	42.1	62.3	55.4	53.5	51.1	48.7
24	68.8	37.5	53.4	2.9	45.9	34.3	55.4	50.3	48.1	46.6	45.3

HR	L30	L45	L50	L60	L70	L80	L90	L95	L97	L99
1	44.3	43.7	43.3	42.8	42.3	41.7	40.8	40.2	39.7	38.9
2	43.2	42.4	41.7	41.0	40.4	39.7	38.9	38.2	37.8	37.3
3	43.2	42.4	41.7	41.0	40.4	39.7	38.9	38.2	37.8	37.0
4	43.4	42.5	41.7	41.0	40.3	39.5	38.5	37.8	37.4	36.5
5	43.0	42.0	41.1	40.3	39.5	38.6	37.4	36.3	35.7	35.0
6	47.0	46.1	45.4	44.7	44.0	43.0	41.7	40.5	39.8	38.8
7	48.5	47.9	47.4	46.9	46.4	45.7	45.1	44.4	44.1	43.8
8	47.5	46.9	46.4	45.8	45.3	44.6	43.5	42.8	42.6	41.8
9	48.0	46.8	45.8	44.9	44.2	43.5	42.7	42.1	41.8	41.4
10	49.8	47.7	45.6	45.3	44.1	43.1	42.2	41.6	41.4	40.8
11	52.7	50.3	48.4	47.2	46.1	45.1	43.9	43.0	42.7	41.8
12	50.5	48.2	46.7	45.5	44.3	43.2	42.1	41.4	41.0	40.3
13	50.7	48.7	47.1	45.7	44.5	43.4	42.3	41.5	41.1	40.0
14	49.5	47.9	46.8	45.9	45.2	44.5	43.7	42.9	42.6	41.7
15	48.0	46.5	45.6	44.8	44.1	43.3	42.2	41.3	40.8	40.2
16	49.2	48.0	47.0	46.2	45.4	44.6	43.8	43.1	42.7	42.1
17	52.6	51.9	51.1	50.0	48.5	47.3	46.1	45.3	45.0	44.0
18	51.2	50.0	49.2	48.4	47.7	46.9	46.1	45.4	45.1	44.1
19	50.1	49.0	48.1	47.3	46.4	45.3	44.2	43.4	43.0	42.6
20	49.0	47.5	46.4	45.6	44.7	43.9	42.9	42.3	41.8	41.4
21	49.9	48.3	47.2	46.4	45.6	44.9	44.0	43.5	43.0	42.6
22	49.6	48.0	47.9	47.1	46.2	45.2	44.1	43.4	43.0	42.6
23	47.7	47.1	46.5	46.0	45.5	45.0	44.1	43.7	43.1	42.6
24	44.4	43.7	43.1	42.5	42.0	41.5	40.7	40.2	40.0	39.2

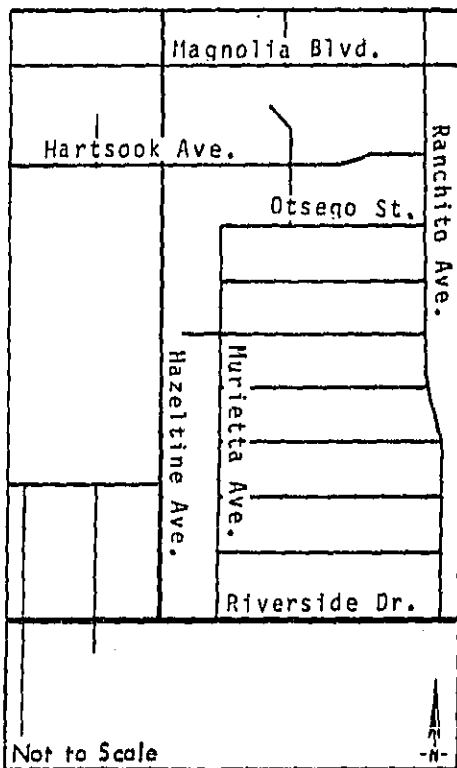
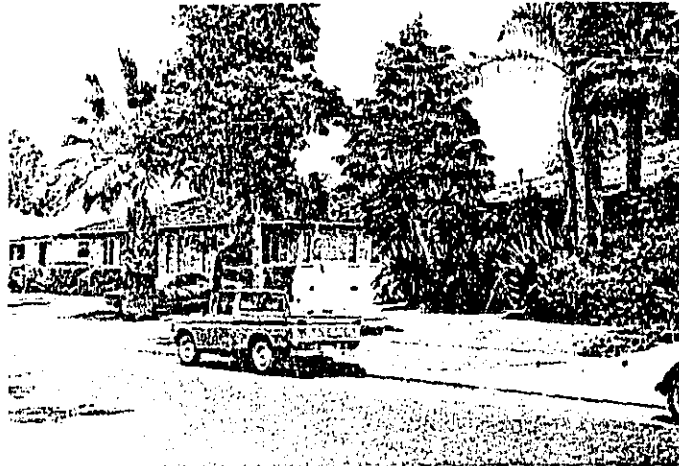
FIGURE B-57(b). HOURLY NOISE DATA FOR LOS ANGELES SITE 1605

SITE # 1625



	DAY "L"	NIGHT "N"	WEIGHTING	WEIGHTED LEQ
MAX	93.0	85.0	0.	55.1
MIN	37.5	32.5	8.	57.5
NPL	73.1	60.7	10.	58.6
SIG	5.3	3.9	12.	59.9
LEQ	56.5	50.7		
TNI	62.8	45.5		
L1	66.0	55.9		
L3	61.4	51.6		
L5	59.1	50.2		
L10	55.6	48.5		
L20	52.1	46.8		
L30	49.9	45.6		
L40	48.4	44.6		
L50	47.3	43.7		
L60	46.3	42.7		
L70	45.4	41.8		
L80	44.4	40.8		
L90	43.2	39.5		
L95	42.5	38.5		
L97	41.9	37.9		
L99	41.3	36.7		

FIGURE B-57(c). DAY/NIGHT NOISE DATA FOR LOS ANGELES SITE 1605



L_{DN} :	59.2 dB
ρ :	7,700 $\frac{\text{people}}{\text{sq. mi.}}$

SITE: 1606
 Address: 14017 Hartsook
 Van Nuys, CA
 Microphone Height: 1.5 m.
 Distance to Curb: 4.0 m.

ROADWAY TYPE

At Site: Local
 Vicinity: Arterial

TRAFFIC

At Site: Cars
 Vicinity: Cars, Trucks

OTHER NOISE SOURCES:

FIGURE B-58(a). DESCRIPTION OF LOS ANGELES SITE 1606

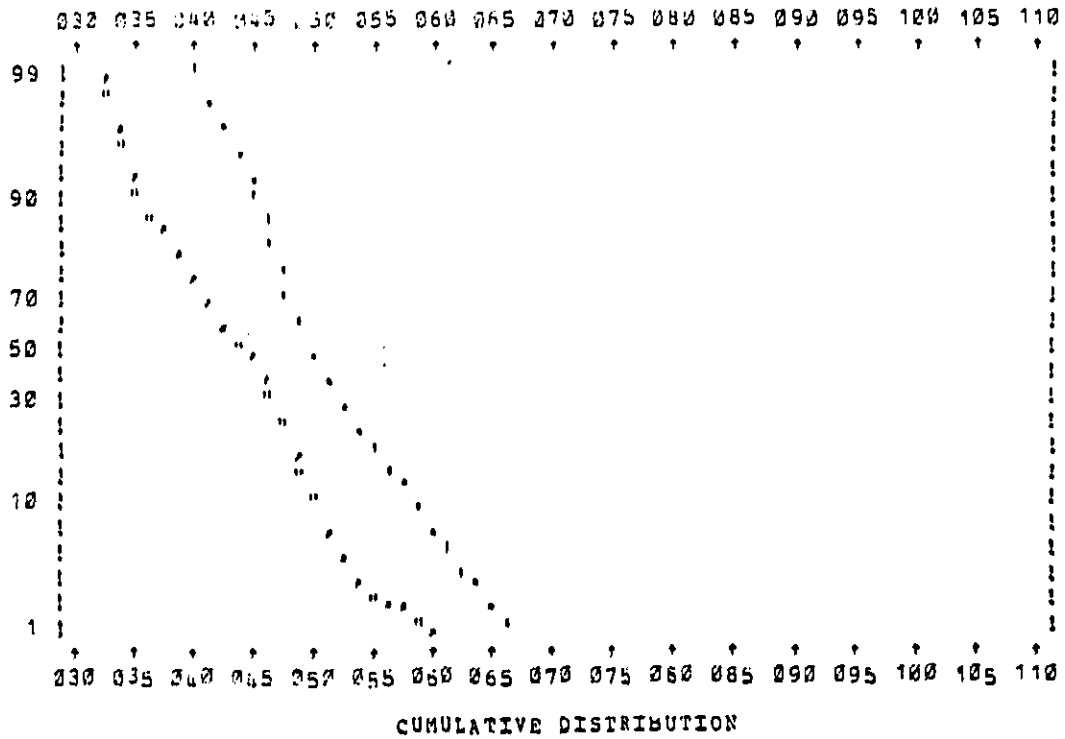
SITE # 1606

HR	MAX	MIN	NPL	SIG	LEO	TNI	L1	L3	L5	L10	L20
1	76.3	41.3	61.3	3.7	51.0	43.9	63.8	58.9	56.1	52.2	50.2
2	65.0	40.0	55.6	2.8	48.3	40.9	56.2	52.6	51.8	50.5	49.0
3	62.5	31.3	60.5	5.3	46.9	62.9	56.1	53.6	52.4	50.8	48.4
4	66.3	30.0	51.7	4.1	41.3	45.1	49.7	47.5	46.4	44.2	41.5
5	73.8	30.0	49.9	3.4	41.2	33.6	45.8	43.2	41.8	40.2	38.3
6	65.0	31.3	51.4	3.2	43.1	38.6	49.5	47.4	46.3	45.0	43.4
7	82.5	36.3	68.0	5.0	55.1	44.4	64.5	58.0	53.3	48.1	44.7
8	86.3	36.3	78.8	7.4	59.9	79.3	72.8	65.5	62.4	57.0	49.7
9	86.3	38.8	78.1	6.6	61.2	81.3	72.1	66.2	63.7	61.0	58.3
10	87.5	38.8	75.9	6.1	60.4	73.0	69.6	64.1	62.0	59.1	56.0
11	77.5	41.3	70.1	5.7	58.6	70.6	67.3	63.2	61.3	58.3	54.1
12	85.0	41.3	73.5	6.1	58.0	73.6	68.0	63.2	61.4	59.5	57.5
13	96.3	42.5	75.0	5.5	60.9	69.1	66.2	63.0	61.4	59.0	56.8
14	90.0	43.8	73.0	4.9	60.4	62.2	67.5	63.3	61.1	58.5	55.5
15	76.3	42.5	68.9	5.0	56.2	64.3	67.2	63.5	61.5	58.6	56.1
16	83.8	43.8	70.5	4.7	58.4	58.9	64.3	61.5	61.2	58.0	53.7
17	75.0	45.0	65.2	4.1	54.7	54.9	66.0	62.4	60.5	57.0	52.7
18	76.3	43.8	67.6	4.7	55.5	62.4	67.1	63.6	61.5	58.0	53.6
19	81.3	45.0	67.3	4.2	56.6	58.1	66.9	63.2	61.5	58.7	55.7
20	81.3	45.0	63.6	3.6	54.3	44.6	64.6	61.0	58.9	54.4	51.6
21	76.3	42.5	62.6	3.8	52.9	48.5	64.7	60.2	57.6	54.1	50.9
22	73.8	43.0	59.0	3.0	51.3	43.6	60.6	57.2	55.0	53.4	51.6
23	78.8	41.3	59.3	3.1	51.4	37.0	63.2	54.2	52.1	50.7	49.4
24	76.3	40.0	64.0	4.0	53.8	45.4	65.9	57.2	54.5	52.4	50.7

HR	L30	L40	L50	L60	L70	L80	L90	L95	L97	L99
1	49.3	48.6	48.0	47.3	46.7	46.0	45.0	44.2	43.9	43.1
2	48.0	47.3	46.6	46.0	45.3	44.6	43.8	43.0	42.7	42.0
3	46.3	44.3	42.7	41.2	40.0	38.7	36.8	35.1	34.4	33.6
4	40.1	39.1	38.0	36.9	35.9	34.9	33.9	33.2	32.8	32.2
5	37.1	36.2	35.4	34.6	33.9	33.2	32.3	31.6	31.3	30.4
6	42.3	41.4	40.7	39.9	39.1	38.2	37.1	36.4	35.7	34.6
7	43.3	42.4	41.8	41.2	40.6	40.1	39.3	39.0	38.8	38.0
8	47.0	45.2	43.8	42.7	41.7	40.7	39.6	38.9	38.4	37.7
9	56.7	55.3	54.1	52.7	50.5	47.3	44.3	42.7	41.8	40.6
10	54.1	52.6	51.0	49.2	47.4	46.0	44.4	43.3	42.6	41.4
11	51.4	49.3	47.9	46.7	45.8	45.1	44.1	43.6	43.1	42.7
12	54.4	51.3	49.2	47.8	46.7	45.7	44.8	44.1	43.8	43.0
13	55.1	53.0	50.3	49.0	47.9	46.8	45.7	45.1	44.5	43.9
14	53.1	51.5	50.3	49.5	48.7	48.0	47.2	46.7	46.4	45.8
15	53.7	51.3	50.0	49.2	48.4	47.7	46.7	45.9	45.4	44.6
16	51.9	50.9	50.1	49.6	49.0	48.4	47.6	46.9	46.6	46.0
17	51.2	50.4	49.8	49.3	48.8	48.2	47.7	47.1	46.7	46.4
18	51.7	50.6	49.7	49.0	48.3	47.6	46.6	45.9	45.5	45.1
19	53.9	52.7	51.8	51.1	50.4	49.8	48.9	48.2	47.8	47.5
20	50.7	50.0	49.5	49.1	48.7	48.2	47.7	47.1	46.8	46.4
21	49.8	49.2	48.6	48.1	47.6	46.9	46.0	45.4	45.1	44.3
22	50.3	49.5	48.9	48.4	47.9	47.4	46.6	46.2	45.7	45.2
23	48.6	48.1	47.6	47.1	46.6	46.0	45.2	44.5	44.1	43.3
24	49.5	48.6	47.8	47.2	46.5	45.7	44.7	44.0	43.5	42.7

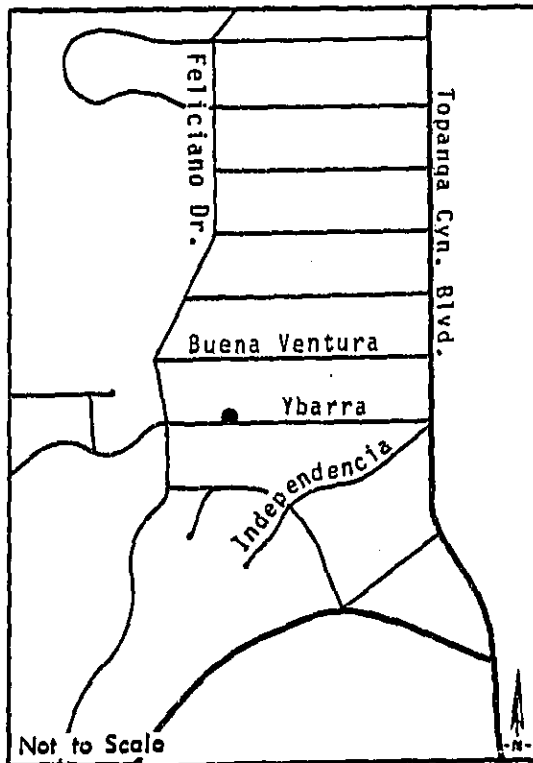
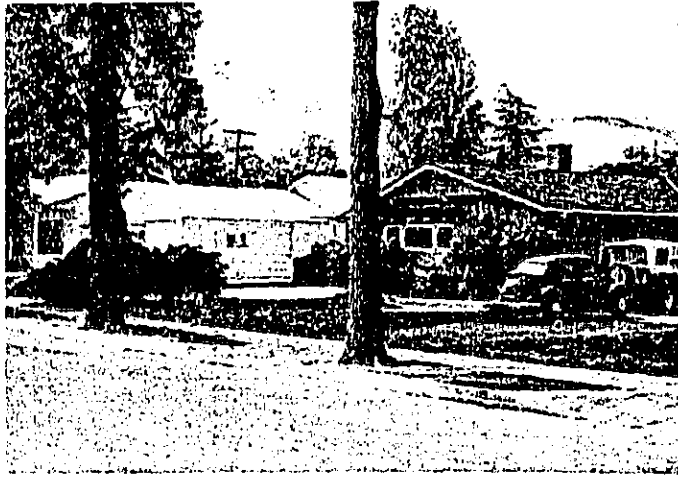
FIGURE B-58(b). HOURLY NOISE DATA FOR LOS ANGELES SITE 1606

SITE # 1606



	DAY ","	NIGHT ","	WEIGHTING	WEIGHTED LEQ
MAX	96.3	82.5	0.	56.5
MIN	36.3	30.0	8.	58.3
NPL	72.0	65.6	10.	59.2
SIG	5.4	5.9	12.	60.1
LEQ	58.1	50.5		
THI	66.9	63.8		
L1	67.4	60.6		
L3	63.2	53.7		
L5	61.1	52.0		
L10	58.3	50.2		
L20	54.9	48.4		
L30	52.4	47.1		
L40	50.8	45.9		
L50	49.8	44.4		
L60	48.9	42.4		
L70	48.1	40.4		
L80	47.1	38.5		
L90	45.5	35.6		
L95	43.8	34.0		
L97	42.3	33.2		
L99	40.1	32.0		

FIGURE B-58(c). DAY/NIGHT NOISE DATA FOR LOS ANGELES SITE 1606



L_{DN} :	58.9	dB
ρ :	4,900	$\frac{\text{people}}{\text{sq. mi.}}$

SITE: 1607
 Address: 22133 Ybarra
 Woodland Hills, Ca.
 Microphone Height: 1.5 m.
 Distance to Curb: 4.5 m.

ROADWAY TYPE
 At Site: Local
 Vicinity: Arterial

TRAFFIC
 At Site: Cars
 Vicinity: Cars, Trucks

OTHER NOISE SOURCES:

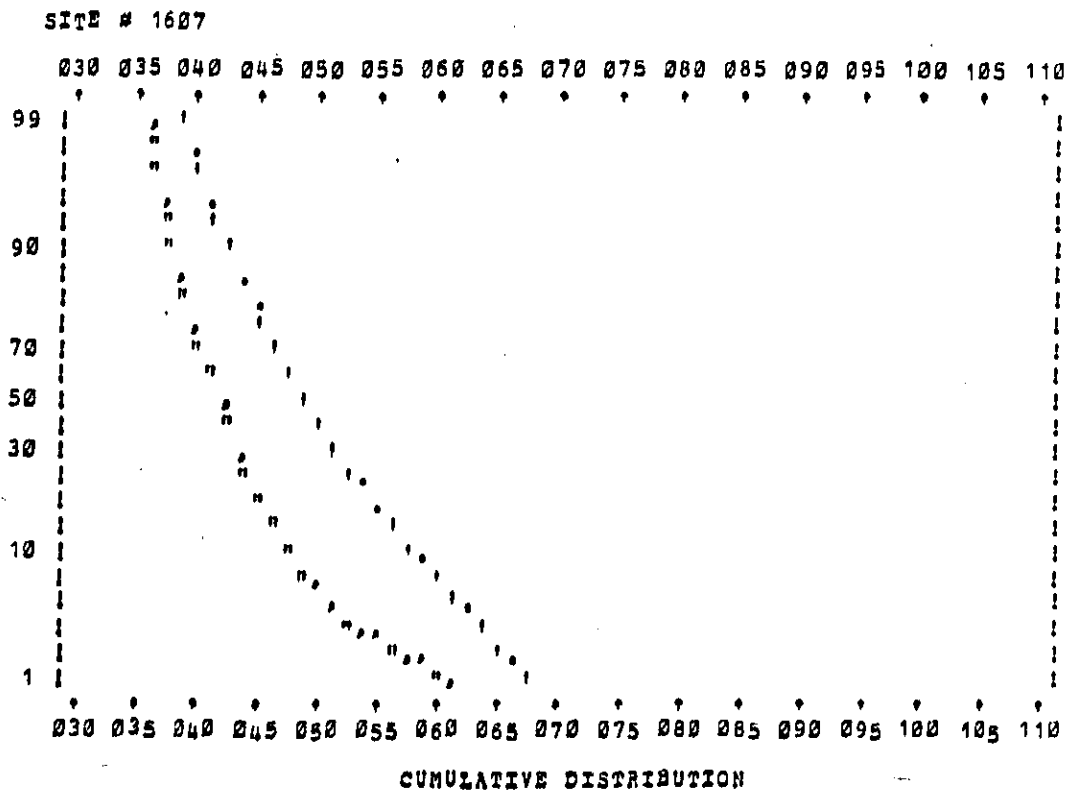
FIGURE B-59(a). DESCRIPTION OF LOS ANGELES SITE 1607

SITE # 1607

HR	MAX	MIN	NPL	SIG	L20	TNI	L1	L3	L5	L10	L20
1	75.0	40.0	57.7	3.2	49.5	28.9	61.8	51.2	48.5	46.1	44.8
2	67.5	37.5	47.5	1.8	42.9	21.6	48.3	44.9	43.7	43.0	42.3
3	85.0	36.3	65.4	4.2	54.8	31.4	60.1	52.2	48.9	44.7	42.5
4	78.8	35.0	54.0	2.9	46.6	22.9	52.3	44.8	42.7	41.2	40.3
5	81.3	32.5	54.9	3.2	46.7	29.5	51.8	45.0	43.7	42.3	40.8
6	85.0	32.5	62.7	4.7	50.7	42.4	61.2	52.3	50.8	45.6	42.8
7	80.0	38.8	63.9	4.4	52.5	42.6	65.0	58.5	54.2	49.5	46.5
8	78.8	36.3	69.8	6.2	54.0	66.9	66.9	62.1	59.0	54.1	48.2
9	80.0	36.3	74.4	8.1	57.7	90.0	69.9	66.5	63.5	59.9	56.5
10	82.5	36.3	72.2	6.3	56.1	73.7	67.0	63.3	61.2	57.3	54.2
11	87.5	36.3	76.4	7.2	57.9	85.3	70.8	65.8	63.4	59.8	55.5
12	85.0	36.3	71.6	6.1	55.9	73.3	66.9	62.8	60.4	57.0	52.9
13	81.3	37.5	72.2	6.2	56.2	75.5	68.0	64.1	62.1	58.4	54.2
14	81.3	40.0	68.7	5.2	55.5	63.4	66.9	63.0	60.8	56.9	53.2
15	80.0	40.0	73.2	6.5	56.6	80.9	66.5	63.7	62.4	60.6	57.9
16	75.0	42.5	68.0	5.1	55.0	65.0	66.5	63.2	61.2	57.7	54.3
17	83.8	43.8	69.6	4.7	57.5	62.5	68.3	64.1	62.3	58.8	55.3
18	82.5	43.8	70.7	4.9	58.1	66.6	68.4	65.0	63.1	60.1	56.1
19	86.3	41.3	70.5	5.3	56.9	65.3	67.7	62.9	60.8	57.5	52.8
20	91.3	38.8	75.1	6.2	59.2	74.4	68.5	64.5	62.2	58.7	54.8
21	83.8	41.3	71.9	5.4	58.1	69.0	69.2	65.5	63.5	59.9	55.4
22	72.5	42.5	63.0	3.9	52.9	48.6	64.2	61.2	58.8	54.4	50.6
23	82.5	41.3	64.6	4.2	53.8	47.6	63.9	59.6	56.6	52.3	49.8
24	75.0	40.0	59.9	3.9	49.8	37.4	62.2	57.5	53.6	48.6	45.7

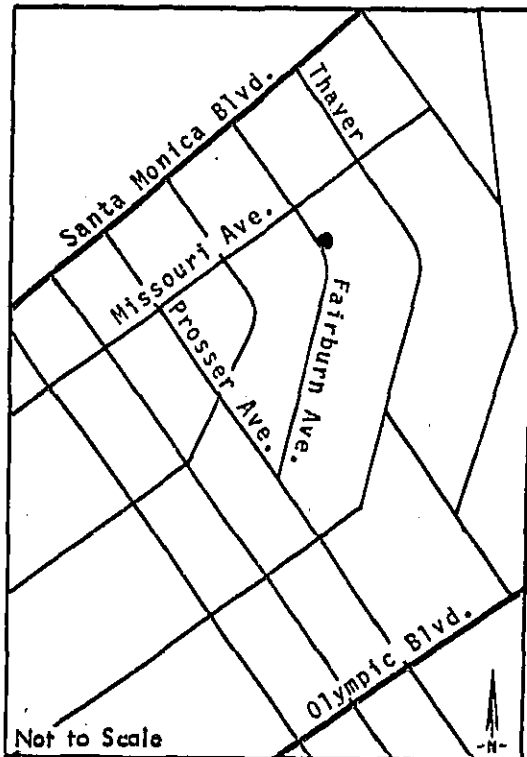
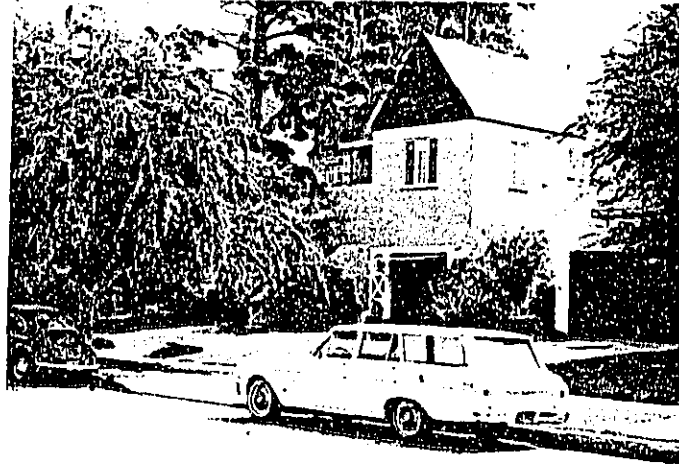
HR	L30	L40	L50	L60	L70	L80	L90	L95	L97	L99
1	44.2	43.7	43.4	43.1	42.8	42.5	41.9	41.5	41.4	41.3
2	42.0	41.6	41.3	41.0	40.7	40.4	40.1	39.7	39.3	38.9
3	41.8	41.2	40.8	40.5	40.2	39.7	39.2	38.9	38.8	37.9
4	39.7	39.3	38.9	38.5	38.2	37.8	37.3	36.8	36.5	36.3
5	39.9	39.3	38.7	38.3	37.8	37.2	36.5	35.9	35.5	35.0
6	41.5	40.6	39.8	39.1	38.4	37.6	36.6	36.0	35.5	35.0
7	45.5	44.8	44.3	43.7	43.2	42.6	41.8	41.3	40.7	40.2
8	45.5	44.0	43.0	42.2	41.5	40.7	39.8	39.1	38.8	37.9
9	52.1	48.5	45.9	43.9	42.3	41.1	39.8	39.0	38.7	37.9
10	52.7	51.3	49.8	47.7	45.3	43.5	41.8	40.6	40.0	39.0
11	52.6	50.5	48.6	46.8	45.0	43.2	41.3	40.2	39.5	38.8
12	50.5	48.7	47.3	45.9	44.6	43.2	41.6	40.5	39.9	38.8
13	51.5	49.7	48.2	46.8	45.5	44.2	42.6	41.6	41.2	40.2
14	51.2	49.9	48.7	47.7	46.8	45.8	44.7	43.9	43.4	42.7
15	54.4	51.0	49.0	47.4	46.1	44.9	43.8	43.1	42.8	42.1
16	52.1	50.5	49.3	48.2	47.2	46.3	45.3	44.6	44.2	43.8
17	53.4	52.2	51.2	50.3	49.5	48.6	47.6	46.8	46.4	45.6
18	53.7	52.5	51.6	50.8	50.0	49.1	48.0	47.1	46.6	45.8
19	50.2	48.8	47.9	47.1	46.3	45.6	44.9	44.2	43.9	43.1
20	52.2	50.2	48.5	47.1	45.8	44.7	43.4	42.7	42.2	41.4
21	53.4	52.0	50.8	49.7	48.8	48.0	46.9	45.9	45.3	44.2
22	49.3	48.6	48.1	47.7	47.2	46.7	46.3	45.6	45.3	45.1
23	40.5	47.7	47.0	46.3	45.5	44.7	43.9	43.2	42.9	42.5
24	44.7	44.3	43.8	43.4	43.1	42.8	42.3	41.7	41.5	41.3

FIGURE B-59(b). HOURLY NOISE DATA FOR LOS ANGELES SITE 1607



	DAY "!"	NIGHT ",,"	WEIGHTING	WEIGHTED LEQ
MAX	91.3	85.0	0.	55.4
MIN	36.3	32.5	8.	57.8
NPL	72.6	62.8	10.	58.9
SIG	6.2	4.6	12.	60.2
LEQ	56.0	51.0		
TNI	75.7	46.6		
L1	68.1	61.6		
L3	63.9	53.6		
L5	61.9	50.8		
L10	58.5	47.7		
L20	54.3	45.0		
L30	52.0	43.9		
L40	50.3	43.0		
L50	48.9	42.2		
L60	47.6	41.3		
L70	46.4	40.4		
L80	44.9	39.3		
L90	42.7	38.1		
L95	41.2	37.2		
L97	40.3	36.7		
L99	39.1	35.8		

FIGURE B-59(c). DAY/NIGHT NOISE DATA FOR LOS ANGELES SITE 1607



L_{DN} :	55.8	dB
ρ :	7,500	$\frac{\text{people}}{\text{sq. mi.}}$

SITE: 1608
 Address: 2018 Fairburn
 Los Angeles, Ca.
 Microphone Height: 1.5 m.
 Distance to Curb: 10.0 m.

ROADWAY TYPE

At Site: Local
 Vicinity: Local

TRAFFIC

At Site: Cars
 Vicinity: Cars

OTHER NOISE SOURCES:

FIGURE B-60(a). DESCRIPTION OF LOS ANGELES SITE 1608

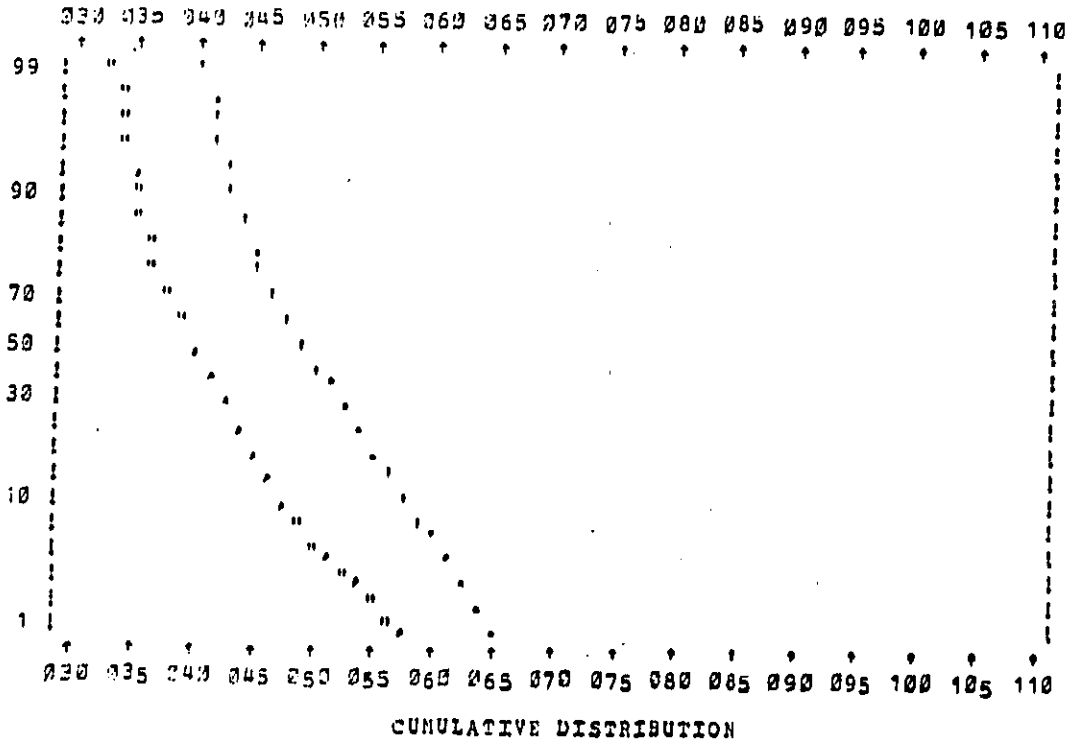
SITE # 1608

HR	MAX	MIN	NPL	SIG	LEQ	TNI	L1	L3	L5	L10	L20
1	73.0	33.8	61.0	5.3	47.4	58.2	59.1	54.6	52.4	49.7	46.6
2	61.3	31.3	56.7	5.1	43.6	55.1	54.7	51.0	49.5	47.0	43.8
3	60.0	31.3	56.2	5.1	43.2	50.7	55.5	51.9	48.7	45.6	42.3
4	63.8	31.3	52.4	4.0	42.1	37.4	54.9	47.2	45.0	42.5	40.1
5	65.0	32.5	51.6	3.7	42.2	33.0	54.6	48.7	45.5	42.2	39.8
6	73.8	33.8	53.8	3.7	44.4	34.8	53.3	49.0	47.1	43.6	40.7
7	70.0	36.3	56.4	3.6	47.1	41.2	57.8	51.2	49.6	47.6	45.8
8	75.0	36.3	65.7	5.6	51.5	61.9	63.3	60.5	58.2	53.0	47.7
9	75.0	38.8	70.7	6.3	54.6	75.8	66.1	62.6	60.9	57.9	53.9
10	76.3	40.0	69.8	5.9	54.0	75.3	64.7	62.4	61.1	59.0	55.3
11	92.5	42.5	73.9	5.1	60.7	70.0	67.5	64.5	62.9	60.4	57.8
12	75.0	42.5	66.8	4.5	55.4	63.6	64.6	62.2	60.8	58.6	56.0
13	71.3	43.8	67.9	4.6	56.0	66.5	65.5	63.5	62.0	59.5	56.7
14	82.5	43.8	69.5	4.7	57.6	65.9	67.4	63.7	62.4	60.0	56.6
15	78.8	45.0	67.2	4.5	55.7	62.7	65.5	62.8	61.2	58.9	56.1
16	75.0	43.8	65.1	4.1	54.6	58.4	64.2	61.3	60.0	57.6	54.8
17	90.0	43.8	68.8	4.9	56.1	65.1	66.5	63.1	61.3	58.7	55.3
18	72.5	42.5	69.1	5.1	56.0	68.7	67.1	64.2	62.5	59.7	55.9
19	77.5	41.3	66.1	4.9	53.6	63.2	64.7	61.9	59.9	56.8	52.9
20	90.0	40.0	66.8	3.9	56.9	43.0	61.3	57.3	54.7	50.9	47.9
21	86.3	40.0	65.6	4.7	53.6	51.6	64.5	59.5	56.7	52.4	48.5
22	71.3	38.8	55.1	3.5	47.1	40.1	57.7	54.1	52.3	48.4	45.9
23	73.8	36.3	59.5	4.4	48.3	47.0	59.7	55.4	52.9	48.8	45.1
24	71.3	36.3	62.7	5.1	49.6	58.3	61.2	58.2	55.6	51.8	48.3

HR	L30	L40	L50	L60	L70	L80	L90	L95	L97	L99
1	44.6	42.9	41.2	39.7	38.5	37.7	36.8	36.4	36.1	35.4
2	42.0	40.3	38.2	36.6	35.7	35.0	34.2	33.8	33.5	32.8
3	39.8	37.7	36.2	35.6	35.0	34.4	33.9	33.3	32.9	32.6
4	38.6	37.5	36.5	35.9	35.4	34.8	34.2	33.9	33.8	32.9
5	38.5	37.8	37.3	36.8	36.4	35.9	35.3	35.0	34.5	33.9
6	39.6	38.8	38.3	37.9	37.5	37.0	36.5	36.3	35.9	35.3
7	44.7	44.0	43.2	42.4	41.6	40.7	39.7	39.0	38.7	37.8
8	45.5	44.2	43.2	42.3	41.6	40.8	40.0	39.3	39.0	38.2
9	50.8	48.1	46.1	44.9	44.0	43.0	41.9	41.4	41.0	40.2
10	52.3	49.8	48.1	46.8	45.7	44.7	43.5	42.7	42.2	41.5
11	56.1	54.8	53.9	52.9	51.7	49.6	47.2	45.8	45.2	44.2
12	54.3	53.0	52.2	51.0	50.1	48.9	46.9	45.8	45.3	44.5
13	54.9	53.7	52.6	51.6	50.5	49.0	47.1	46.3	45.7	45.2
14	54.8	53.6	52.5	51.6	50.6	49.5	48.1	47.1	46.6	45.8
15	54.2	52.8	51.6	50.5	49.5	48.6	47.6	46.9	46.6	46.3
16	53.1	52.0	51.1	50.2	49.3	48.3	47.3	46.6	46.4	45.6
17	52.9	51.3	50.0	48.9	48.1	47.3	46.5	46.0	45.6	45.1
18	53.2	51.5	50.3	49.3	48.4	47.6	46.7	46.1	45.6	45.1
19	50.5	49.1	48.1	47.2	46.5	45.6	44.6	43.9	43.5	42.8
20	46.7	46.0	45.4	44.9	44.5	44.1	43.5	42.9	42.7	42.3
21	46.9	45.8	45.0	44.4	43.9	43.3	42.7	42.2	41.8	41.4
22	44.8	44.2	43.6	43.0	42.5	41.9	41.2	40.5	40.3	40.0
23	43.4	42.4	41.8	41.2	40.7	40.1	39.3	38.9	38.8	37.9
24	45.2	44.5	43.3	42.2	41.3	40.5	39.6	39.1	38.9	38.5

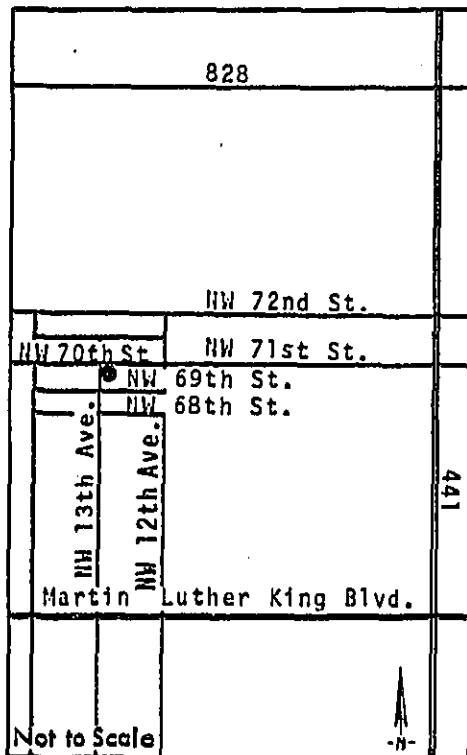
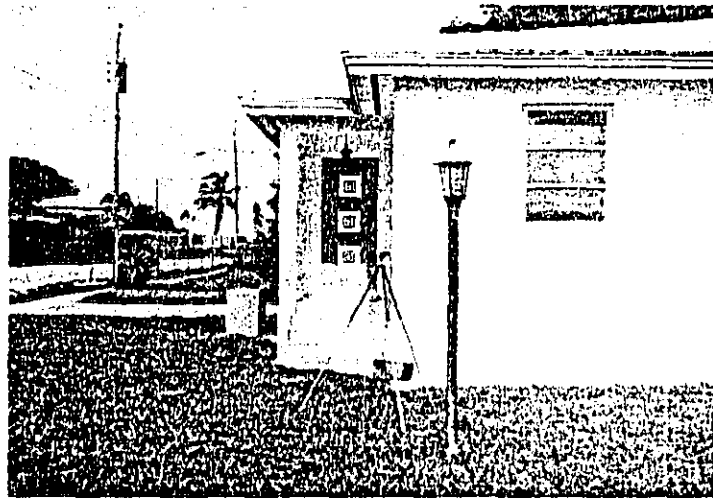
FIGURE B-60(b). HOURLY NOISE DATA FOR LOS ANGELES SITE 1608

SITE # 1608



	DAY "L"	NIGHT "N"	WEIGHTING	WEIGHTED LEQ
MAX	92.5	73.8	0.	53.8
MIN	36.3	31.3	8.	55.1
NPL	70.3	59.3	10.	55.8
SIG	5.7	5.1	12.	56.7
LEQ	55.5	46.1		
TNI	72.3	54.2		
L1	65.3	57.8		
L3	62.3	53.0		
L5	60.7	50.6		
L10	57.9	47.4		
L20	54.6	44.4		
L30	52.5	42.6		
L40	50.8	41.2		
L50	49.1	40.0		
L60	47.7	38.7		
L70	46.3	37.5		
L80	44.9	36.4		
L90	43.1	35.2		
L95	41.9	34.4		
L97	41.3	34.0		
L99	40.2	33.2		

FIGURE B-60(c). DAY/NIGHT NOISE DATA FOR LOS ANGELES SITE 1608



L_{DN} : 66.1 dB
 ρ : 21,300 $\frac{\text{people}}{\text{sq. mi.}}$

SITE: 0601
 Address: 6969 NW 13th Ave.
 Miami, FL
 Microphone Height: 1.5 m.
 Distance to Curb: 10.8 m.

ROADWAY TYPE

At Site: Local
 Vicinity: Arterial

TRAFFIC

At Site: Cars
 Vicinity: Cars, Trucks

OTHER NOISE SOURCES:

FIGURE B-61(a). DESCRIPTION OF MIAMI SITE 0601

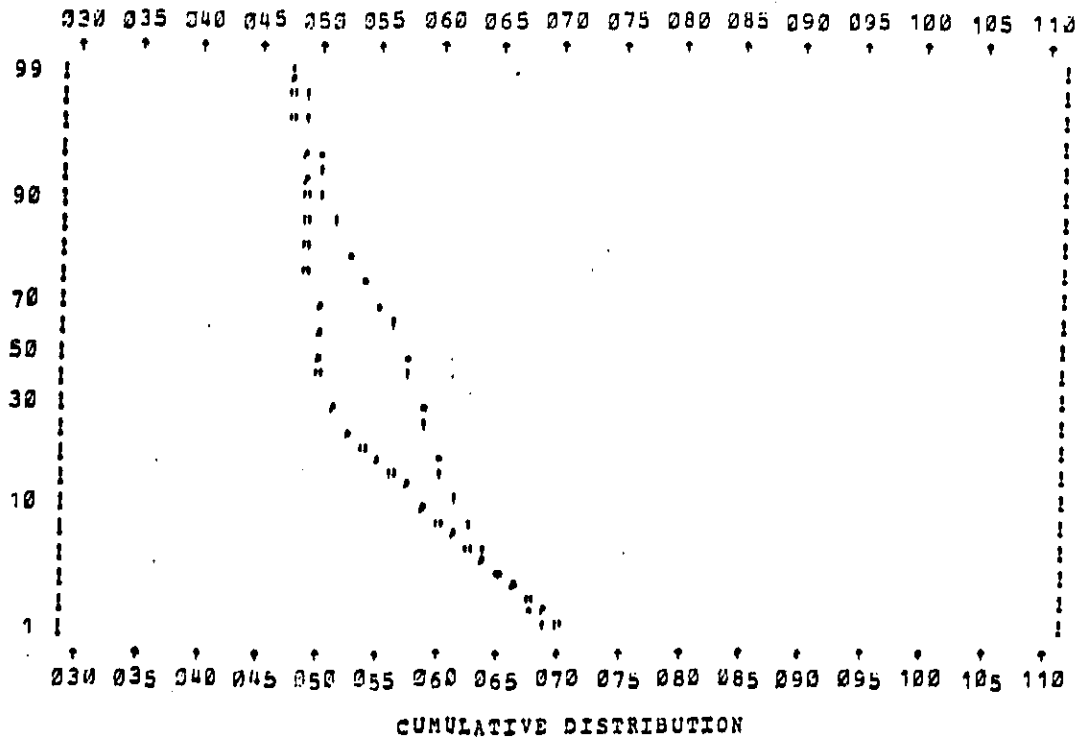
SITE # 621

HR	MAX	MIN	NP1	SIG	LBQ	TNI	L1	L3	LS	L10	L20
1	76.3	47.5	67.3	4.2	56.5	53.3	69.5	64.6	61.5	56.8	52.5
2	77.5	47.5	55.7	1.6	51.2	28.0	58.0	53.7	52.4	51.1	50.4
3	78.8	47.5	53.9	3.4	55.3	36.8	68.0	60.1	57.1	53.4	51.2
4	73.8	47.5	61.2	3.1	53.2	37.1	64.6	60.7	57.8	53.4	50.9
5	90.0	46.3	54.8	1.4	51.3	26.7	54.7	51.9	51.1	50.2	49.8
6	91.3	42.5	85.5	7.6	66.1	89.7	78.6	74.9	70.7	66.3	62.6
7	85.3	42.5	77.4	6.0	62.0	72.9	74.6	68.5	65.9	61.5	56.4
8	78.8	47.5	68.3	4.0	58.2	56.7	69.1	65.7	63.6	60.2	57.2
9	83.8	43.8	72.9	5.2	59.5	68.1	70.3	65.8	64.0	61.1	57.2
10	83.8	46.3	69.6	4.6	57.9	63.3	68.5	65.3	63.5	60.3	56.5
11	83.8	47.5	71.0	4.6	59.3	62.5	70.5	65.7	63.7	60.6	56.6
12	81.3	51.3	66.7	2.6	59.9	47.3	68.8	65.1	63.4	61.1	59.7
13	83.8	56.3	70.4	2.9	62.9	49.8	73.7	68.3	66.1	63.5	61.6
14	80.0	52.5	64.6	1.9	60.0	41.9	66.9	63.7	62.6	61.2	60.2
15	82.8	55.0	72.3	3.4	63.6	49.6	75.9	68.9	65.7	62.8	60.9
16	80.0	55.0	66.9	2.5	60.6	46.3	69.6	65.8	64.2	62.1	60.3
17	78.8	55.0	65.2	2.2	59.6	41.2	68.3	64.3	62.5	60.3	58.7
18	83.8	52.5	68.6	3.0	60.9	47.2	72.0	65.7	63.7	61.2	59.3
19	73.8	48.8	67.1	3.9	57.0	58.7	67.0	64.8	63.2	60.1	57.0
20	82.5	47.5	71.1	4.6	59.3	65.2	70.6	66.7	64.7	61.8	58.7
21	83.8	43.8	70.0	4.7	58.0	66.3	67.7	64.8	63.3	60.8	58.4
22	76.3	47.5	68.7	4.4	57.4	61.5	68.3	64.5	62.7	60.0	57.3
23	88.8	46.3	73.0	5.1	59.8	67.2	71.9	66.4	64.4	61.3	57.4
24	87.5	47.5	63.2	3.1	55.2	42.0	64.4	60.6	58.2	54.8	52.3

HR	L30	L40	L50	L60	L70	L80	L90	L95	L97	L99
1	51.1	52.5	50.0	49.7	49.5	49.2	48.9	48.8	48.7	47.9
2	49.9	49.8	49.6	49.4	49.2	49.0	48.8	48.7	48.2	47.7
3	50.5	50.0	49.7	49.5	49.3	49.1	48.9	48.7	48.2	47.7
4	50.0	49.8	49.6	49.4	49.2	49.0	48.8	48.4	48.0	47.7
5	49.6	49.4	49.2	49.0	48.8	48.5	48.0	47.7	47.6	47.5
6	60.0	58.5	57.1	52.4	50.4	49.4	48.6	47.8	47.5	44.5
7	53.8	52.2	51.1	50.4	49.7	48.9	47.7	46.4	45.7	44.8
8	55.7	54.8	54.0	53.4	52.8	52.1	51.4	50.6	50.2	49.3
9	54.7	53.1	51.9	51.0	50.3	49.5	48.7	47.6	46.8	45.6
10	54.7	53.4	52.4	51.6	50.8	50.1	49.2	48.8	48.4	47.8
11	54.6	53.6	53.0	52.3	51.6	50.8	50.0	49.3	49.1	48.8
12	59.2	58.7	58.3	57.9	57.5	56.8	55.7	54.8	54.3	53.8
13	60.7	60.0	59.7	59.3	59.0	58.6	58.1	57.8	57.7	57.6
14	59.6	59.1	58.7	58.4	58.2	57.9	57.7	57.6	57.5	56.7
15	59.8	59.2	58.6	58.3	58.0	57.7	57.2	56.7	56.5	56.3
16	59.5	59.0	58.6	58.3	58.0	57.8	57.4	56.8	56.6	56.4
17	58.5	58.2	57.9	57.7	57.3	57.0	56.6	56.4	56.4	56.3
18	58.4	57.7	57.3	57.0	56.7	56.4	55.9	55.4	55.2	55.0
19	55.2	54.0	53.2	52.5	51.9	51.3	50.6	50.3	50.2	50.0
20	56.8	55.4	54.3	53.3	52.5	51.6	50.6	50.1	49.7	49.0
21	56.8	55.5	54.4	53.3	52.1	50.7	49.0	47.6	46.7	45.7
22	55.4	53.8	52.5	51.6	50.9	50.3	49.5	49.1	49.0	48.8
23	54.8	53.0	51.9	51.1	50.5	49.9	49.3	49.0	48.8	48.2
24	51.2	50.8	50.5	50.1	49.7	49.4	49.0	48.9	48.8	48.6

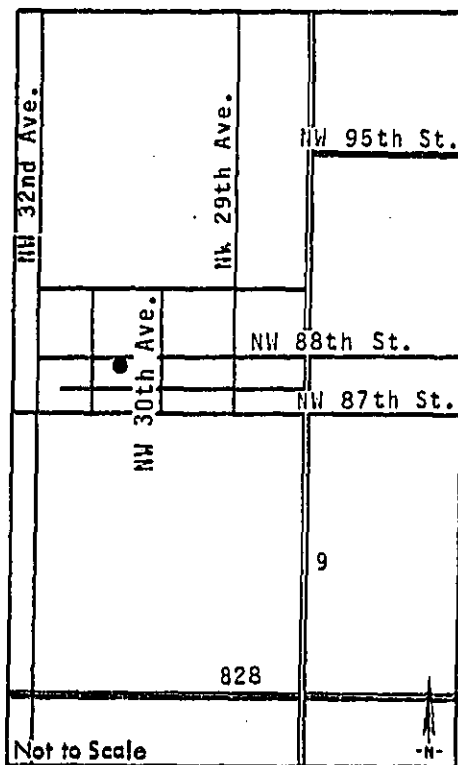
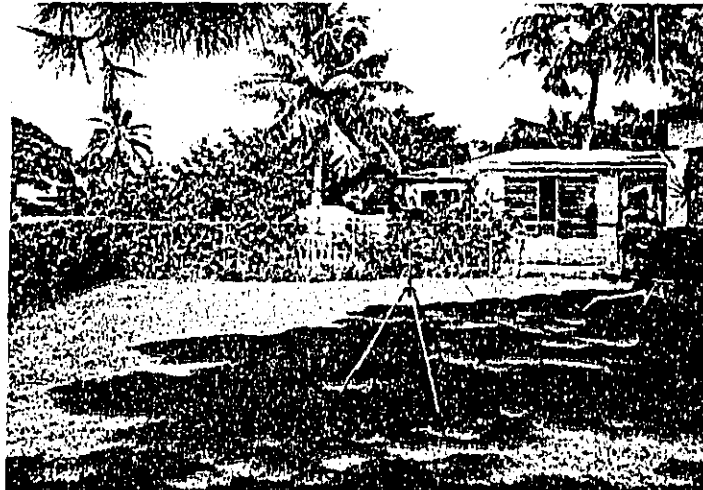
FIGURE B-61(b). HOURLY NOISE DATA FOR MIAMI SITE 0601

SITE # 601



	DAY "."	NIGHT ".*"	WEIGHTING	WEIGHTED LEQ
MAX	88.8	91.3	0.	59.9
MIN	43.8	42.5	8.	64.5
NPL	71.7	72.1	10.	66.1
SIG	4.5	4.9	12.	67.8
LEQ	60.1	59.6		
TNI	64.2	58.4		
L1	69.9	71.2		
L3	65.7	65.3		
L5	63.8	62.8		
L10	61.5	58.7		
L20	59.0	53.5		
L30	58.7	51.3		
L40	58.0	50.6		
L50	57.4	50.0		
L60	56.3	49.7		
L70	54.1	49.4		
L80	52.3	49.1		
L90	52.6	48.8		
L95	49.6	48.1		
L97	49.1	47.8		
L99	47.9	46.8		

FIGURE B-61(c). DAY/NIGHT NOISE DATA FOR MIAMI SITE 0601



L_{DN} :	58.1 dB
ρ :	5,200 $\frac{\text{people}}{\text{sq. mi.}}$

SITE: 0602
 Address: 3030 NW 88th
 Miami, FL
 Microphone Height: 1.5 m.
 Distance to Curb: 4.6 m.

ROADWAY TYPE
 At Site: Collector
 Vicinity: Arterial

TRAFFIC
 At Site: Cars, Trucks
 Vicinity: Cars, Trucks

OTHER NOISE SOURCES:

FIGURE B-62(a). DESCRIPTION OF MIAMI SITE 0602

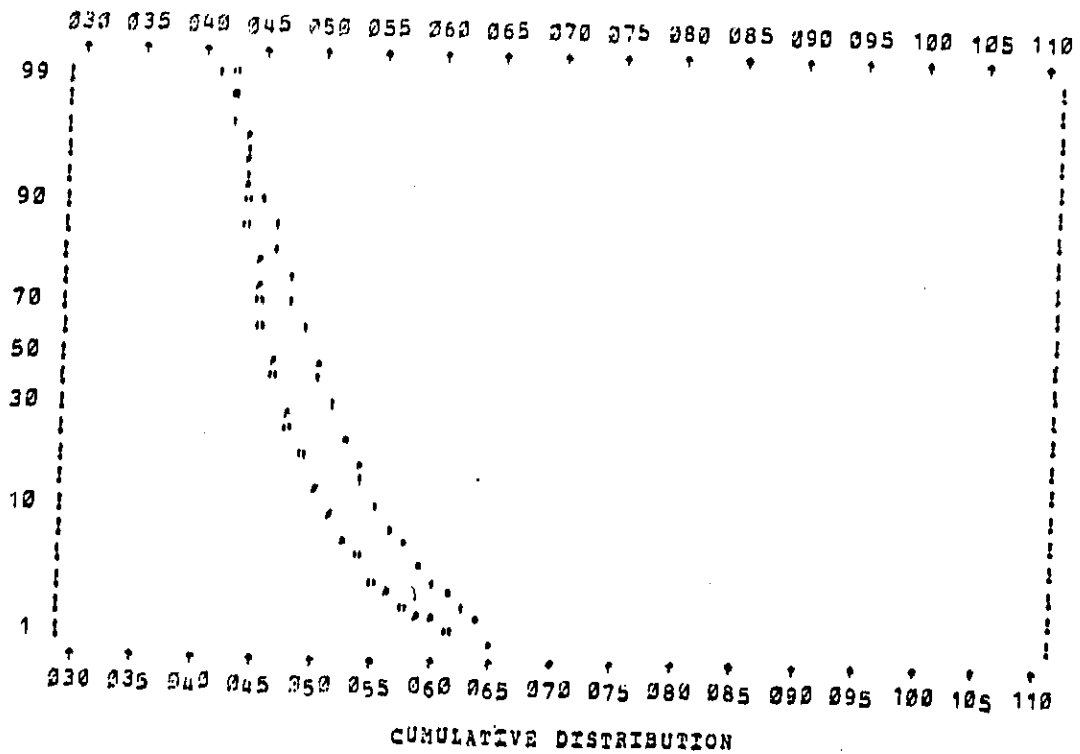
SITE # 602

HR	MAX	MIN	NPL	SIG	LEQ	TNI	L1	L3	L5	L10	L20
1	75.0	43.8	60.1	3.3	51.6	31.0	64.8	56.7	52.7	49.2	47.6
2	71.3	42.5	55.3	2.5	49.0	30.3	57.1	52.0	50.7	48.8	47.3
3	70.0	42.5	56.8	3.0	49.2	29.6	62.8	52.5	50.3	47.9	46.2
4	70.0	42.5	57.0	3.1	49.1	31.7	62.3	53.8	51.2	48.3	46.1
5	68.8	41.3	50.4	1.9	45.6	26.8	52.0	49.1	48.0	46.4	45.4
6	76.3	41.3	56.4	2.9	49.0	31.5	58.6	52.2	49.8	47.6	46.0
7	76.3	41.3	63.0	3.9	52.9	48.5	64.9	58.6	56.0	53.5	51.2
8	81.3	43.8	54.3	3.7	54.8	46.2	65.8	60.0	57.4	54.4	52.2
9	72.5	41.3	61.3	3.9	51.2	48.9	62.4	58.1	55.9	52.5	49.8
10	77.5	38.8	63.5	4.7	51.6	50.3	64.0	58.7	55.1	51.2	48.3
11	81.3	40.0	61.1	3.7	51.5	41.7	62.7	56.3	53.7	50.8	48.4
12	75.0	41.3	63.6	4.2	53.0	51.9	64.3	59.4	56.6	54.0	52.1
13	77.5	45.0	61.4	3.3	52.8	41.6	64.2	60.1	57.2	53.4	51.2
14	96.3	45.0	54.6	3.1	56.6	35.6	64.6	57.4	54.4	51.6	49.9
15	75.0	45.0	60.3	3.0	52.6	37.6	63.7	58.3	55.6	52.6	51.0
16	83.8	46.3	65.6	3.8	56.2	49.1	66.6	62.5	60.2	56.6	54.6
17	77.5	46.3	64.0	3.5	55.0	47.4	66.1	62.3	59.7	56.2	53.5
18	85.0	46.3	68.0	4.0	57.8	54.9	68.3	63.9	61.5	58.4	55.9
19	80.0	46.3	66.0	3.6	56.9	51.5	67.1	63.1	61.0	58.1	55.8
20	82.5	47.5	65.4	3.4	56.6	51.2	66.6	62.4	60.6	58.3	56.0
21	82.5	46.3	63.5	3.1	55.5	44.1	66.1	61.5	59.3	56.3	54.3
22	81.3	43.8	61.0	3.2	52.8	39.9	62.7	58.2	55.4	52.4	50.9
23	80.0	43.8	64.2	4.0	54.1	50.6	65.1	60.4	58.1	54.7	52.2
24	72.5	43.8	59.4	3.2	51.1	41.6	61.9	57.4	55.0	52.2	49.8

HR	L30	L40	L50	L60	L70	L80	L90	L95	L97	L99
1	47.1	46.8	46.4	46.1	45.8	45.5	45.2	45.1	45.0	44.2
2	46.7	46.2	46.0	45.7	45.5	45.2	44.9	44.3	44.1	43.9
3	45.8	45.3	45.0	44.7	44.4	44.2	43.9	43.8	43.8	43.0
4	45.4	44.9	44.7	44.5	44.2	44.0	43.8	43.4	43.0	42.7
5	44.9	44.6	44.3	44.1	43.8	43.4	42.9	42.7	42.6	42.5
6	45.3	44.8	44.5	44.1	43.8	43.4	42.9	42.7	42.6	42.5
7	50.0	49.1	48.3	47.6	46.8	45.9	45.1	44.3	44.0	43.3
8	51.1	50.5	49.8	49.3	48.8	48.1	47.1	46.5	46.2	45.4
9	48.5	47.6	47.0	46.4	45.7	44.9	43.7	43.0	42.8	42.5
10	46.7	45.6	44.7	43.9	43.2	42.5	41.5	40.9	40.5	40.1
11	47.1	46.2	45.7	45.1	44.7	44.2	43.8	43.2	42.9	42.6
12	50.7	49.6	48.7	47.9	46.9	45.8	44.7	44.0	43.8	42.9
13	50.3	49.7	49.1	48.6	48.2	47.8	47.4	46.8	46.6	46.3
14	49.4	48.8	48.5	48.2	47.9	47.6	46.9	46.6	46.4	46.3
15	50.2	49.7	49.3	48.8	48.4	48.0	47.6	47.1	46.8	46.4
16	53.3	52.1	51.2	50.7	50.3	49.7	49.1	48.8	48.6	47.9
17	52.3	51.5	50.9	50.5	50.1	49.6	49.1	48.8	48.7	47.9
18	54.7	53.9	53.0	52.1	51.3	50.5	49.6	49.1	48.8	48.0
19	54.7	53.9	53.3	52.7	52.1	51.3	50.3	49.6	49.2	48.8
20	54.7	53.7	53.1	52.4	51.9	51.4	50.6	50.1	49.6	48.9
21	53.4	52.8	52.3	51.9	51.6	51.1	50.3	49.7	49.2	48.3
22	50.0	49.3	48.7	48.2	47.7	47.2	46.6	46.3	46.0	45.3
23	50.9	49.8	49.1	48.5	48.0	47.5	46.1	45.5	45.3	45.1
24	48.7	48.0	47.4	47.1	46.7	46.4	45.7	45.4	45.2	45.0

FIGURE B-62(b). HOURLY NOISE DATA FOR MIAMI SITE 0602

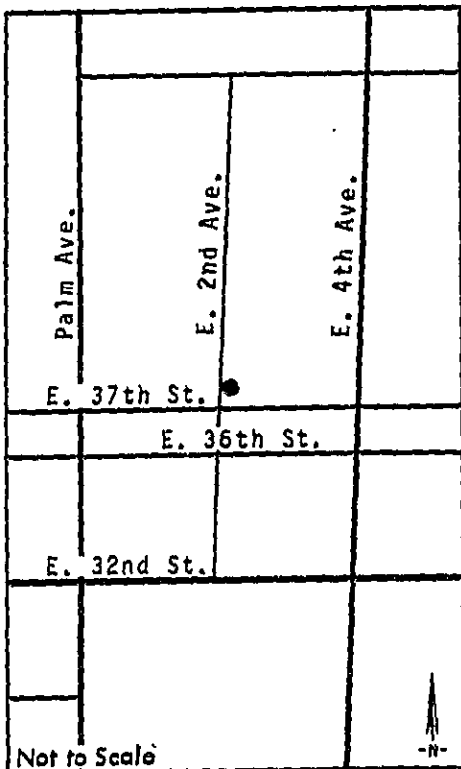
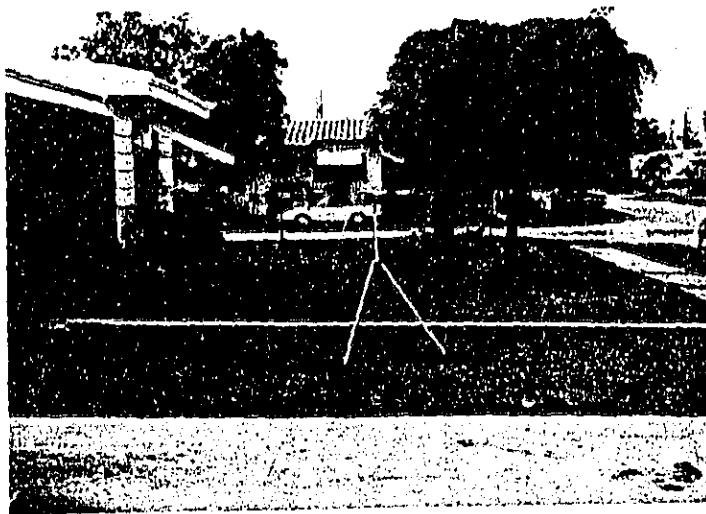
SITE # 602



	DAY "1"	NIGHT ",,"	WEIGHTING	WEIGHTED LEQ
MAX	96.3	82.0		
MIN	38.8	41.3	0.	53.6
NFI	66.0	62.1	8.	56.7
SIG	4.4	3.6	10.	58.1
LEQ	54.7	50.8	12.	59.6
TNI	55.8	42.4		
L1	65.3	62.3		
L3	60.8	56.1		
L5	58.3	53.6		
L10	55.4	51.0		
L20	53.2	48.7		
L30	51.8	47.5		
L40	50.8	46.7		
L50	49.9	46.0		
L60	49.1	45.5		
L70	48.2	44.9		
L80	47.2	44.4		
L90	45.3	43.9		
L95	44.0	43.3		
L97	43.2	43.0		
L99	41.9	42.7		

FIGURE B-62(c). DAY/NIGHT NOISE DATA FOR MIAMI SITE 0602

BLACK COPY



L_{DN}: 63.2 dB
ρ: 9,500 $\frac{\text{people}}{\text{sq. mi.}}$

SITE: 0603
Address: 3605 E. 2nd Ave.
Miami, FL
Microphone Height: 1.5 m.
Distance to Curb: 9.1 m.

ROADWAY TYPE
At Site: Local
Vicinity: Collector

TRAFFIC
At Site: Cars, Trucks
Vicinity: Cars, Trucks

OTHER NOISE SOURCES:

FIGURE B-63(a). DESCRIPTION OF MIAMI SITE 0603

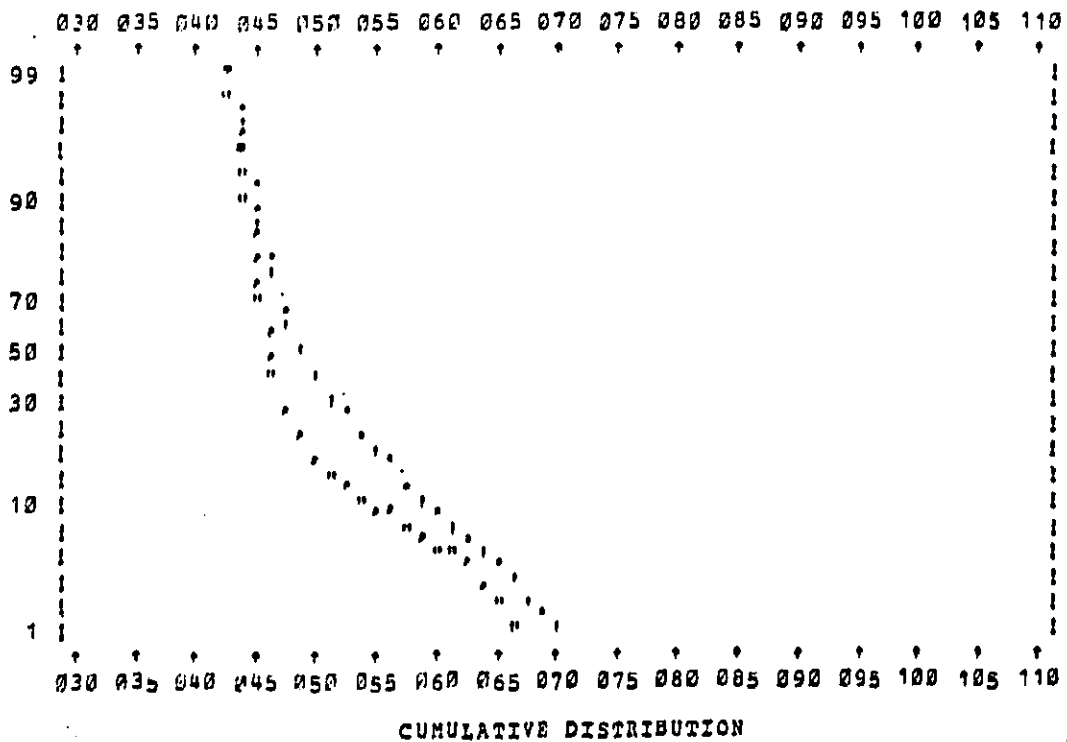
SITE # 623

HR	MAX	MIN	NPL	SIG	LEQ	TNI	L1	L3	L5	L10	L20
1	78.8	42.5	63.2	4.0	53.0	34.0	66.0	59.6	55.2	49.2	47.0
2	77.5	42.5	56.5	2.7	49.6	28.2	59.3	51.8	49.8	47.6	46.2
3	72.5	41.3	55.0	2.7	48.1	30.6	58.5	53.2	50.6	48.1	46.4
4	77.5	41.3	82.0	8.5	60.2	98.0	68.6	67.3	66.6	65.4	63.2
5	77.5	41.3	62.4	4.2	51.5	50.4	62.2	59.7	57.2	53.1	50.6
6	81.3	41.3	62.2	3.8	52.5	38.0	62.8	55.1	52.9	49.2	46.5
7	81.3	41.3	73.1	5.6	58.8	65.3	72.6	65.2	62.0	57.9	53.9
8	82.5	45.0	71.1	5.2	57.9	67.9	69.2	65.9	63.8	60.3	56.4
9	82.5	45.0	69.6	4.6	57.8	56.3	69.9	65.4	62.5	57.8	54.1
10	77.5	41.3	69.7	5.6	55.3	66.3	67.9	64.0	61.2	57.0	52.2
11	91.3	40.0	85.2	7.4	66.2	75.1	80.3	68.9	65.0	58.8	52.9
12	83.8	40.0	71.2	5.9	56.2	71.9	68.0	64.9	62.7	58.8	54.6
13	91.3	45.0	77.1	6.0	61.7	78.8	73.0	69.2	67.2	63.9	59.2
14	91.3	41.3	72.2	5.7	57.6	64.0	70.5	66.4	62.8	57.1	52.5
15	81.3	41.3	69.8	5.5	55.8	64.8	67.9	63.6	61.1	57.0	52.7
16	87.5	42.5	76.6	6.4	60.1	78.5	71.9	68.3	66.1	61.5	55.6
17	87.5	42.5	77.2	6.5	60.6	79.9	72.1	68.4	66.0	62.0	56.2
18	77.5	41.3	74.6	6.4	58.1	79.0	70.3	67.1	64.8	61.0	56.0
19	78.8	40.0	71.4	6.0	56.1	71.7	68.3	64.5	62.0	58.4	54.5
20	88.8	40.0	74.2	6.3	58.1	76.6	70.1	66.5	64.2	59.9	54.4
21	100.0	42.5	85.4	6.8	68.1	75.3	72.9	66.8	64.2	60.0	55.7
22	77.5	42.5	67.6	4.9	55.0	57.4	67.2	63.0	60.2	55.8	51.2
23	93.8	43.8	66.4	4.1	55.8	45.8	65.6	60.6	57.6	53.1	49.6
24	76.3	42.5	59.6	3.4	51.0	38.5	62.2	57.4	54.9	51.0	48.5

HR	L30	L40	L50	L60	L70	L80	L90	L95	L97	L99
1	46.2	45.9	45.7	45.4	45.2	44.9	44.3	44.0	43.9	43.8
2	45.9	45.6	45.2	44.9	44.6	44.3	44.0	43.9	43.8	43.8
3	45.9	45.5	45.1	44.8	44.5	44.2	43.9	43.8	43.5	42.8
4	60.3	52.3	47.6	46.5	45.9	45.3	44.5	44.0	43.8	43.1
5	48.9	47.2	46.3	45.7	45.1	44.6	44.1	43.8	43.4	42.8
6	45.6	44.9	44.6	44.3	43.9	43.5	43.0	42.7	42.6	42.5
7	51.8	50.5	49.5	48.7	47.9	47.0	45.5	44.3	43.9	43.0
8	53.6	52.0	51.0	50.2	49.4	48.7	47.8	47.1	46.7	46.3
9	52.7	51.7	51.0	50.3	49.7	49.1	48.2	47.7	47.5	46.6
10	49.6	47.5	45.5	45.8	45.2	44.6	44.0	43.4	43.0	42.6
11	49.8	48.1	46.9	46.0	45.2	44.4	43.4	42.8	42.5	41.6
12	51.6	49.5	48.1	47.1	46.2	45.4	44.4	43.9	43.4	42.7
13	56.4	54.5	53.0	51.9	50.9	50.0	48.9	48.0	47.5	46.6
14	50.1	48.7	47.8	47.1	46.4	45.6	44.7	44.1	43.8	43.0
15	50.3	48.6	47.4	46.6	45.8	45.2	44.3	43.9	43.6	42.9
16	52.1	50.2	49.2	48.3	47.6	46.8	45.9	45.2	44.9	44.1
17	52.8	50.9	49.6	48.6	47.8	47.0	46.0	45.3	45.1	44.2
18	53.2	50.8	49.0	47.7	46.8	45.9	44.9	44.2	43.9	43.1
19	51.4	49.0	47.4	46.4	45.6	44.9	44.0	43.4	43.0	42.6
20	51.4	49.7	48.3	47.1	46.1	45.3	44.3	43.8	43.3	42.7
21	52.8	50.4	48.7	47.5	46.4	45.7	44.9	44.2	44.0	43.6
22	48.7	47.6	47.0	46.5	46.0	45.6	45.2	45.0	44.5	44.0
23	48.4	47.7	47.2	46.8	46.5	46.0	45.5	45.2	45.1	44.7
24	47.5	47.0	46.5	46.1	45.8	45.5	45.2	45.0	44.8	44.1

FIGURE B-63(b). HOURLY NOISE DATA FOR MIAMI SITE 0603

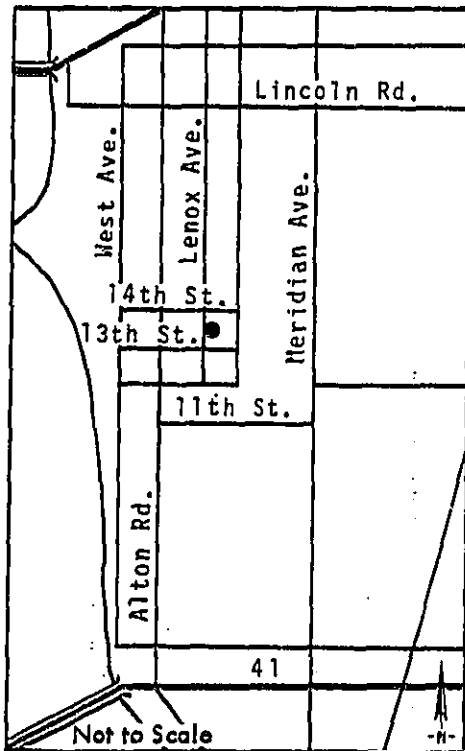
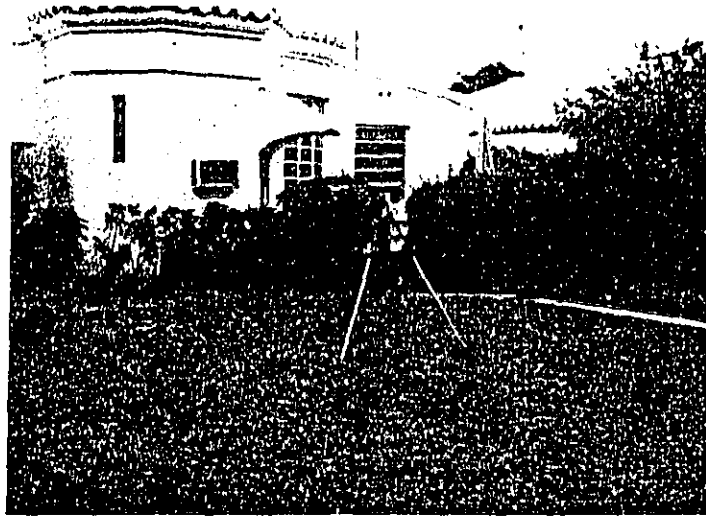
SITE # 603



	DAY '.,'	NIGHT ",,"	WEIGHTING	WEIGHTED LEQ
MAX	00.0	93.8	0.	59.8
MIN	40.0	41.3	8.	62.1
NPL	77.2	68.5	10.	63.2
SIG	6.2	5.2	12.	64.5
LEQ	61.3	55.2		
TNI	73.9	56.6		
L1	70.7	67.0		
L3	66.6	63.8		
L5	64.1	61.0		
L10	59.7	54.7		
L20	54.9	49.7		
L30	52.2	47.8		
L40	50.5	46.8		
L50	49.1	46.1		
L60	48.0	45.7		
L70	46.9	45.2		
L80	45.9	44.7		
L90	44.9	44.1		
L95	44.1	43.8		
L97	43.8	43.4		
L99	42.9	42.8		

FIGURE B-63(c). DAY/NIGHT NOISE DATA FOR MIAMI SITE 0603

BLACK COPY



L_{DN} :	64.4	dB
ρ :	29,500	$\frac{\text{people}}{\text{sq. mi.}}$

SITE: 0604
Address: 1335 Lenox Ave.
Miami Beach, FL
Microphone Height: 1.5 m.
Distance to Curb: 13.7 m.

ROADWAY TYPE

At Site: Local
Vicinity: Collector

TRAFFIC

At Site: Cars, Trucks
Vicinity: Cars, Trucks

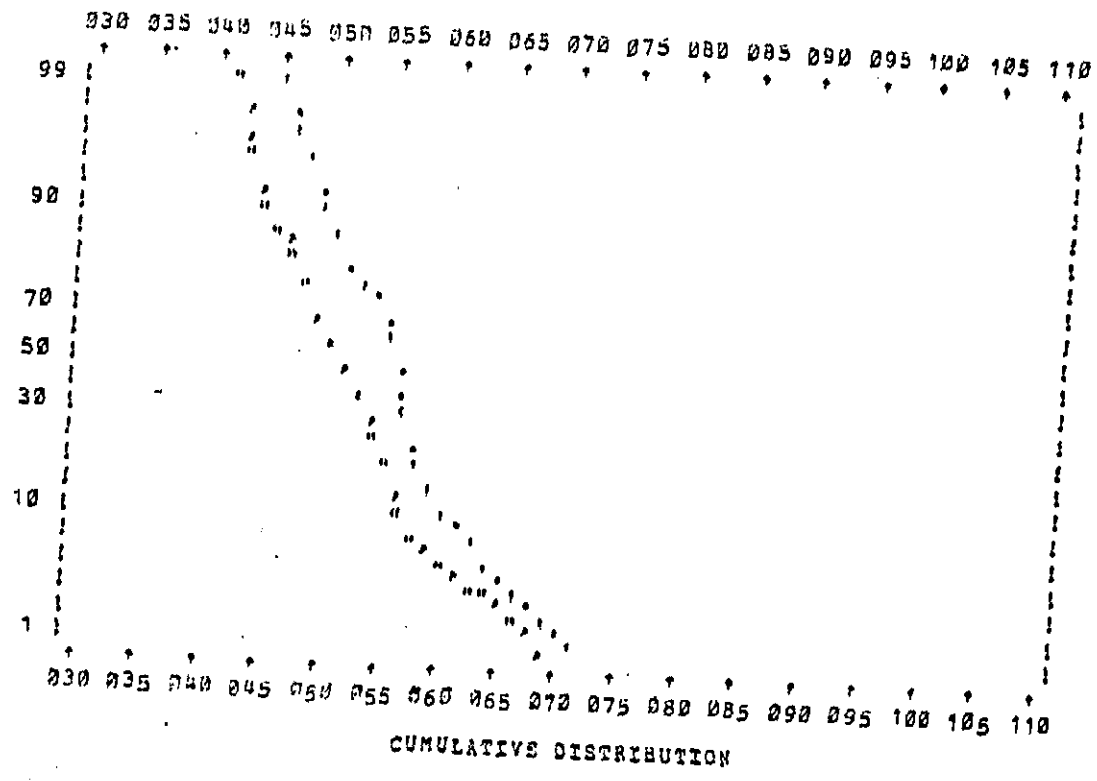
OTHER NOISE SOURCES:

FIGURE B-64(a). DESCRIPTION OF MIAMI SITE 0604

SITE # 604											
HR	MAX	MIN	NPL	SIG	LEQ	TNI	L1	L3	L5	L10	L20
1	70.0	43.8	55.7	1.7	51.4	34.9	55.0	53.7	53.5	52.8	52.2
2	65.0	46.3	56.3	1.6	52.1	35.8	55.8	54.8	54.4	53.7	53.1
3	85.0	46.3	72.8	5.0	60.1	72.0	71.1	68.7	67.5	63.6	56.0
4	81.3	41.3	69.7	5.1	56.7	60.6	68.3	63.7	61.5	56.4	51.1
5	81.3	40.0	65.6	3.9	55.7	39.1	66.6	52.3	50.5	49.7	49.0
6	76.3	42.0	63.3	4.1	52.7	39.6	64.5	52.6	49.7	48.6	48.1
7	81.3	42.0	71.8	5.7	57.1	68.4	68.2	63.0	61.0	57.0	51.9
8	78.8	42.5	68.7	4.8	56.4	60.0	68.7	64.3	61.5	57.4	53.7
9	82.5	41.3	79.2	6.9	61.5	85.8	74.6	70.7	68.1	63.5	58.1
10	78.8	42.5	69.7	5.0	56.8	71.3	66.7	64.5	63.3	61.1	56.8
11	70.0	46.3	63.2	3.2	55.0	48.5	64.1	61.7	60.1	57.2	55.0
12	81.3	43.8	66.6	4.0	56.4	50.9	67.5	62.3	59.9	56.5	53.8
13	82.5	43.8	73.1	5.1	60.2	64.5	72.3	68.2	65.1	60.8	58.2
14	85.0	52.5	69.3	3.4	60.8	53.5	71.1	67.6	65.5	62.4	59.6
15	83.8	52.5	68.0	3.2	59.9	51.2	70.4	66.9	64.8	61.7	58.6
16	83.8	52.5	72.1	3.8	62.5	50.2	76.6	67.9	64.7	61.5	58.8
17											
18											
19	83.8	52.5	77.7	5.1	64.6	71.6	77.0	73.5	71.1	66.8	61.1
20	81.3	52.5	67.6	3.1	59.7	43.4	70.9	66.6	63.7	59.7	57.4
21	80.0	52.5	63.7	2.0	57.5	36.0	65.8	60.2	58.6	57.3	56.6
22	82.5	52.5	66.6	2.6	59.9	35.9	69.2	62.5	59.9	57.6	57.0
23	96.3	52.5	72.1	3.8	62.3	55.0	74.3	68.7	66.2	62.6	58.7
24	76.3	45.0	63.7	2.9	56.2	42.6	66.8	59.8	57.2	56.1	55.7
HR	L30	L40	L50	L60	L70	L80	L90	L95	L97	L99	
1	51.7	51.3	50.9	50.5	50.2	49.6	48.8	48.0	47.7	46.9	
2	52.5	52.2	51.8	51.4	50.9	50.4	49.6	49.0	48.6	47.8	
3	54.8	54.2	53.5	52.9	52.3	51.7	50.8	50.1	49.7	49.0	
4	50.1	49.4	48.7	48.0	47.1	46.0	45.0	44.4	44.1	43.0	
5	48.4	48.0	47.5	46.6	45.5	44.3	43.2	42.7	42.5	41.7	
6	47.6	47.0	46.3	43.5	42.6	42.1	41.6	41.4	41.3	40.7	
7	49.6	48.5	47.9	47.1	45.5	44.2	43.2	42.8	42.6	41.8	
8	51.9	50.8	50.0	49.4	48.7	47.8	46.6	45.7	45.3	44.6	
9	54.2	52.2	50.9	49.9	49.1	48.0	46.1	44.9	44.3	43.8	
10	54.4	52.6	51.5	50.7	49.8	48.9	47.7	46.7	46.3	45.2	
11	54.0	53.2	52.5	51.9	51.4	50.8	50.1	49.3	48.9	48.0	
12	52.7	51.9	51.2	50.6	50.0	49.3	48.3	47.5	46.8	45.9	
13	57.2	56.6	55.8	54.3	52.5	51.2	49.6	48.1	47.2	45.8	
14	58.3	57.5	57.1	56.7	56.3	55.9	55.4	55.1	55.0	54.3	
15	57.4	57.0	56.6	56.2	55.9	55.5	55.2	55.0	54.6	54.0	
16	57.6	57.1	56.7	56.3	56.0	55.6	55.2	55.1	54.8	54.1	
17											
18											
19	58.2	57.2	56.7	56.2	55.9	55.5	55.2	55.0	54.5	54.0	
20	57.0	56.5	56.2	55.9	55.6	55.4	55.1	54.7	54.3	53.9	
21	56.1	55.9	55.7	55.5	55.3	55.0	54.4	54.1	53.9	53.8	
22	56.6	56.2	55.9	55.7	55.4	55.2	54.8	54.3	54.1	53.8	
23	57.4	56.9	56.5	56.1	55.8	55.5	55.1	54.9	54.5	54.0	
24	55.3	54.9	54.5	54.1	53.7	52.0	50.5	49.8	49.1	48.0	

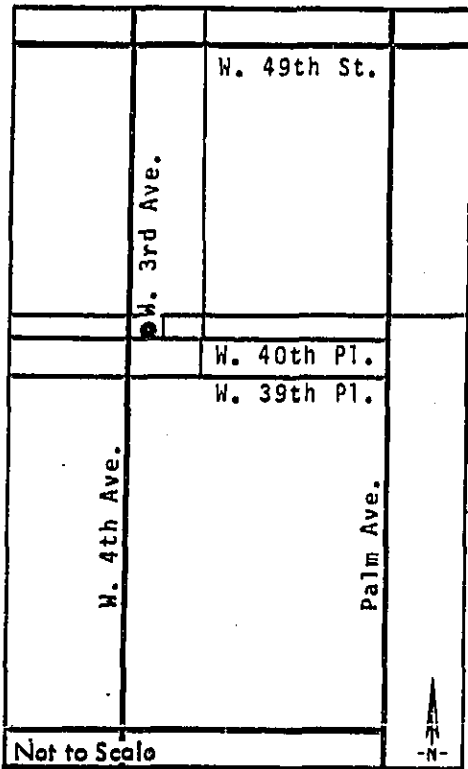
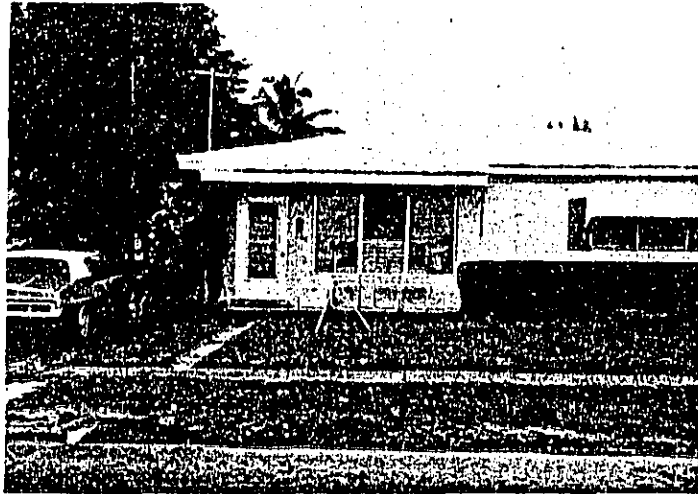
FIGURE B-64(b). HOURLY NOISE DATA FOR MIAMI SITE D604

SITE # 604



	DAY "d"	NIGHT "n"	WEIGHTING	WEIGHTED LEO
MAX	85.0	96.3		
MIN	41.3	40.4	0.	59.5
NPL	73.0	71.3	8.	63.2
SIG	4.9	5.4	10.	64.4
LEO	60.4	57.4	12.	66.0
TNI	65.4	64.4		
L1	72.4	69.2		
L3	67.2	64.4		
L5	64.4	60.4		
L10	63.9	56.8		
L20	57.7	55.2		
L30	56.9	53.6		
L40	56.2	52.1		
L50	55.7	50.9		
L60	55.3	49.7		
L70	54.1	48.4		
L80	51.3	47.1		
L90	49.2	44.3		
L95	47.8	42.9		
L97	45.8	42.2		
L99	45.1	41.5		

FIGURE B-64(c). DAY/NIGHT NOISE DATA FOR MIAMI SITE 0604



L_{DN} :	68.0 dB
ρ :	9,500 $\frac{\text{people}}{\text{sq. mi.}}$

SITE: 0605
 Address: 391 W. 40th Pl.
 Miami, FL
 Microphone Height: 1.5 m.
 Distance to Curb: 10.7 m.

ROADWAY TYPE
 At Site: Collector
 Vicinity: Arterial

TRAFFIC
 At Site: Cars, Trucks
 Vicinity: Cars, Trucks

OTHER NOISE SOURCES:

FIGURE B-65(a). DESCRIPTION OF MIAMI SITE 0605

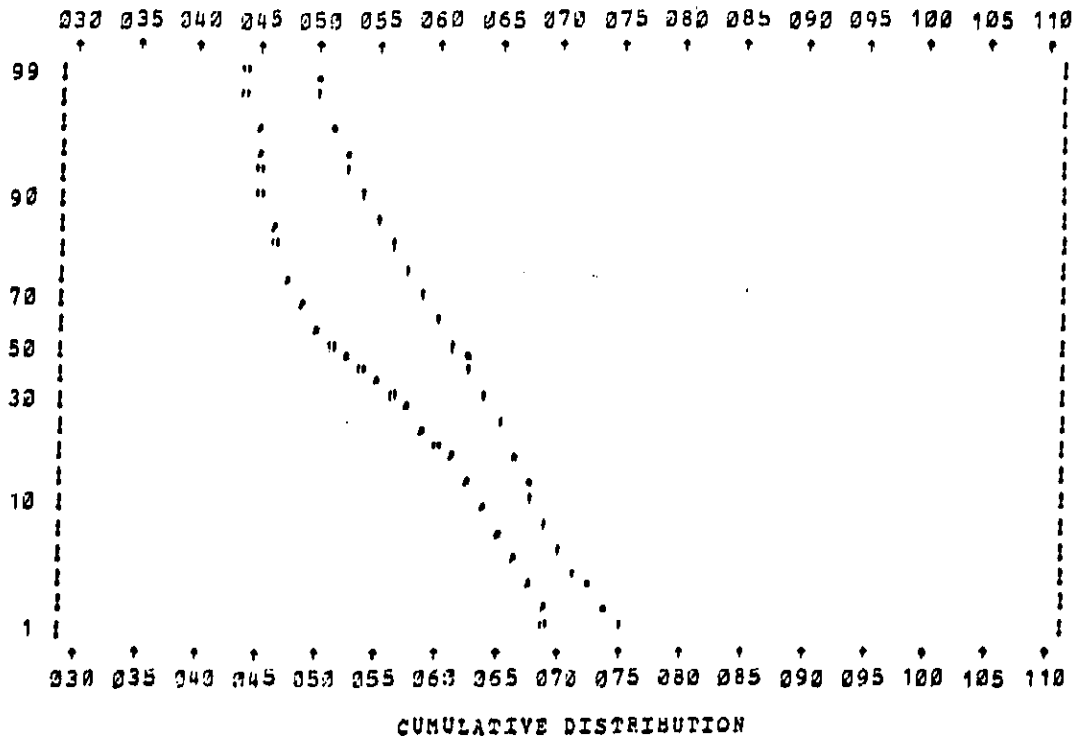
SITE # 0605

HR	MAX	MIN	NPL	SIG	L90	TNI	L1	L3	L5	L10	L20
1	75.0	42.5	73.7	6.2	57.8	80.3	67.9	65.7	64.3	61.7	58.8
2	78.8	41.3	71.3	6.0	56.1	73.7	67.8	64.2	62.2	59.2	55.0
3	80.0	41.3	72.7	5.9	57.5	71.3	70.7	64.9	62.2	58.8	54.2
4	78.8	42.5	65.9	4.7	53.8	58.6	65.4	61.4	59.3	55.9	51.3
5	77.5	42.5	66.6	4.8	54.4	60.7	60.2	62.2	60.4	56.8	51.4
6	85.0	43.4	75.4	6.2	63.5	79.7	70.5	67.0	65.4	63.1	59.7
7	91.3	46.3	78.9	5.3	65.3	76.9	74.2	70.4	69.0	67.3	65.6
8	91.3	50.0	79.7	4.9	67.2	76.5	77.3	74.0	72.2	69.8	67.6
9	90.0	45.0	80.7	5.6	66.3	80.4	76.2	72.7	70.9	68.6	66.6
10	81.3	43.8	80.1	6.2	64.2	85.4	74.7	71.0	69.5	67.4	65.2
11	87.5	45.0	83.9	6.1	65.2	85.3	76.2	72.5	70.7	68.0	65.3
12	85.0	45.0	80.1	5.8	65.2	82.8	75.9	72.5	70.5	68.1	65.8
13	85.0	45.0	79.7	5.7	65.1	80.3	75.8	71.6	69.7	67.4	65.3
14	88.8	45.0	81.2	6.0	65.5	84.8	75.9	72.0	70.7	68.0	65.4
15											
16											
17											
18	86.3	51.3	78.2	4.5	66.7	73.0	76.2	73.1	71.4	69.2	67.1
19	90.0	48.8	78.3	4.8	66.3	74.4	75.2	72.3	70.6	68.4	66.3
20	81.3	48.8	75.9	4.6	64.1	73.0	72.9	69.9	68.7	67.1	65.4
21	97.5	46.3	83.0	5.5	68.9	75.5	80.2	71.6	69.6	67.1	65.1
22	85.0	46.3	76.9	5.3	63.2	77.4	72.7	69.1	67.8	66.1	64.1
23	82.5	43.8	75.5	5.4	61.6	77.4	70.7	67.7	66.6	64.9	62.7
24	80.0	43.8	76.1	6.2	60.3	84.1	69.7	67.3	66.1	64.2	61.6

HR	L30	L40	L50	L60	L70	L80	L90	L95	L97	L99
1	56.4	53.9	51.8	50.0	48.3	46.8	45.5	44.8	44.3	43.9
2	52.2	50.0	48.1	46.8	45.9	45.2	44.4	43.9	43.8	42.9
3	51.2	49.4	48.0	47.0	46.2	45.5	44.7	44.1	43.9	43.3
4	49.2	47.9	47.1	46.4	45.9	45.4	45.0	44.3	44.1	43.8
5	49.1	48.2	47.5	47.1	46.6	46.2	45.5	45.1	45.0	44.1
6	57.1	54.4	52.1	50.6	49.4	48.4	47.5	46.7	46.4	45.5
7	64.3	63.0	61.5	59.8	58.1	56.2	54.1	52.6	51.6	49.9
8	66.3	65.2	64.1	62.8	61.4	59.7	57.6	56.0	55.1	53.9
9	65.2	63.9	62.4	60.6	58.8	56.8	54.7	53.1	52.1	50.1
10	63.5	61.9	60.1	57.9	55.7	53.6	51.4	50.1	49.2	47.7
11	63.5	61.9	60.3	58.6	56.7	54.6	52.2	50.7	50.0	48.8
12	64.1	62.7	61.3	59.6	57.8	55.6	53.2	51.6	50.7	49.3
13	63.6	62.1	60.7	59.1	57.4	55.6	53.1	51.5	50.6	49.1
14	63.7	62.3	60.9	59.4	57.6	55.3	52.5	50.4	49.5	48.2
15										
16										
17										
18	66.0	65.0	64.1	63.1	61.9	60.2	57.9	56.3	55.5	54.2
19	65.1	64.0	62.9	61.7	60.3	58.6	56.4	54.7	53.7	52.3
20	64.1	62.9	61.7	60.5	59.0	57.3	55.2	53.8	53.0	51.8
21	63.7	62.7	61.6	60.4	59.0	57.1	54.4	52.3	51.4	50.0
22	62.7	61.3	59.9	58.3	56.4	54.5	52.3	50.9	50.1	48.9
23	61.1	59.7	58.2	56.5	54.6	52.8	50.8	49.3	48.5	47.2
24	59.5	57.6	55.7	53.7	51.7	49.7	47.5	46.4	45.8	45.1

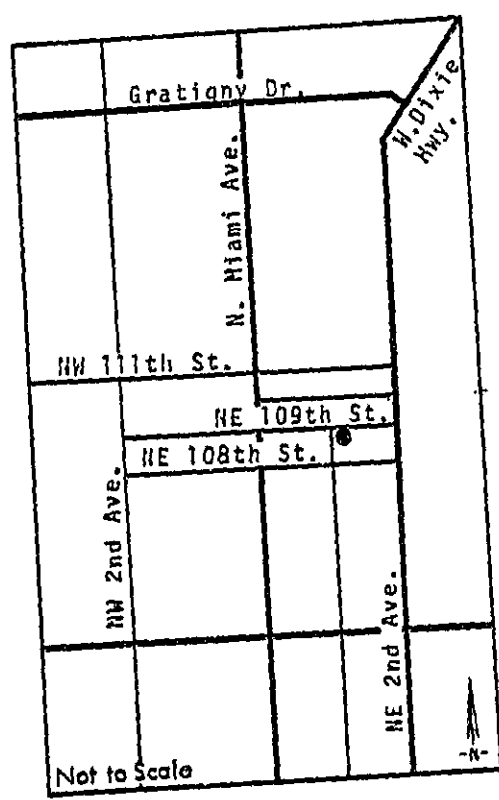
FIGURE B-65(b). HOURLY NOISE DATA FOR MIAMI SITE 0605

SITE # 0605



	DAY ". "	NIGHT " * "	WEIGHTING	WEIGHTED LEQ
MAX	97.5	91.3	0.	64.6
MIN	43.8	41.3	8.	66.9
NPL	80.3	77.9	10.	68.0
SIG	5.6	7.0	12.	69.3
LEQ	66.0	60.0		
TNI	80.2	87.7		
L1	76.0	69.9		
L3	72.2	67.1		
L5	70.4	65.8		
L10	68.1	63.5		
L20	66.0	60.2		
L30	64.5	57.3		
L40	63.2	54.5		
L50	61.9	51.8		
L60	60.4	49.6		
L70	58.7	47.9		
L80	56.7	46.7		
L90	54.1	45.5		
L95	52.2	44.8		
L97	51.2	44.3		
L99	49.4	43.8		

FIGURE B-65(c). DAY/NIGHT NOISE DATA FOR MIAMI SITE 0605



L_{DN} : 60.9 dB
 ρ : 4,900 $\frac{\text{people}}{\text{sq. mi.}}$

SITE: 0606
 Address: 102 NE 109th
 Miami, FL
 Microphone Height: 1.5 m.
 Distance to Curb: 9.1 m.

ROADWAY TYPE
 At Site: Collector
 Vicinity: Arterial

TRAFFIC
 At Site: Cars, Trucks
 Vicinity: Cars, Trucks

OTHER NOISE SOURCES:

FIGURE B-66(a). DESCRIPTION OF MIAMI SITE 0606

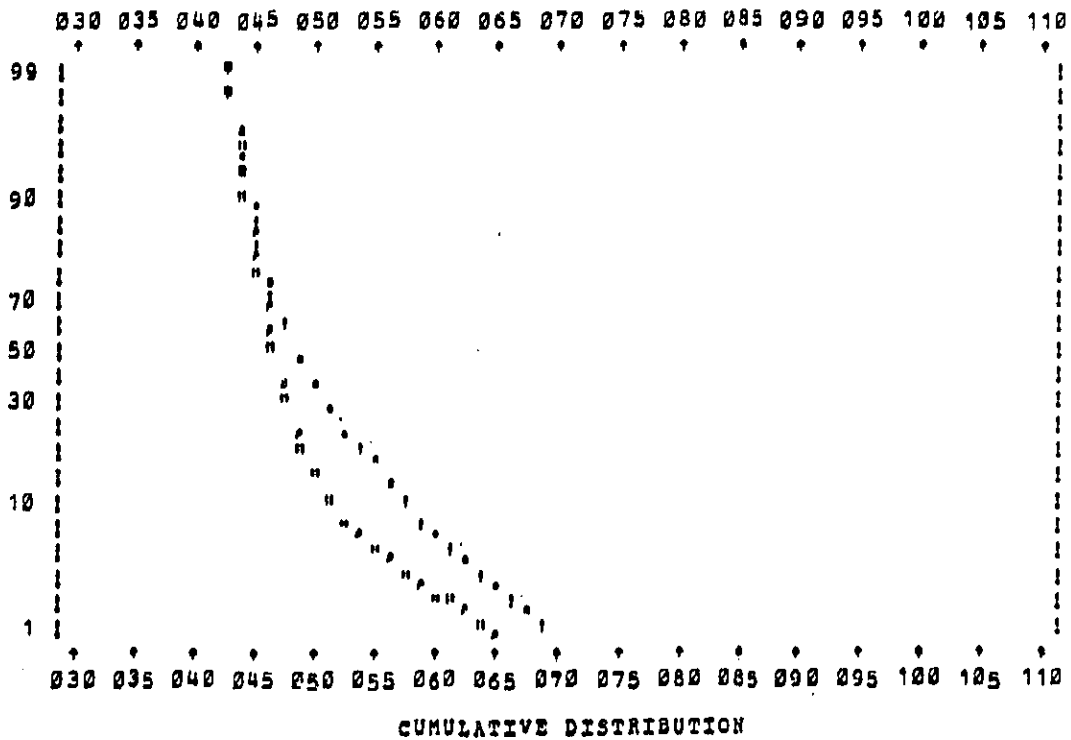
SITE # 606

HR	MAX	MIN	NPL	SIG	LEQ	TNI	L1	L3	L5	L10	L20
1	67.5	42.5	52.6	1.9	47.7	28.3	55.1	50.1	49.1	48.3	47.5
2	73.8	42.5	54.7	2.4	48.7	30.5	55.9	52.2	50.5	48.5	47.2
3	61.3	41.3	54.2	2.6	47.5	35.8	56.5	53.7	51.8	49.4	47.5
4	65.0	41.3	53.2	2.5	46.9	34.3	55.4	52.3	50.8	48.6	47.0
5	65.0	41.3	51.8	2.1	46.4	33.8	52.2	50.4	49.6	48.4	47.2
6	73.8	41.3	66.1	4.6	54.2	50.0	67.4	63.2	59.1	53.6	50.6
7	86.3	43.8	76.9	6.0	61.5	74.4	74.2	69.6	66.7	62.1	56.0
8	77.5	45.0	66.2	4.0	56.0	52.7	67.0	62.7	60.6	57.1	53.7
9	76.3	43.8	71.1	5.2	57.9	65.6	71.4	65.4	63.0	59.6	55.2
10	80.0	40.0	80.0	7.4	61.0	88.9	74.4	69.8	66.0	62.7	58.2
11	80.0	40.0	72.1	5.9	57.0	75.4	66.5	63.5	61.9	59.4	57.1
12	71.3	40.0	68.0	5.4	54.2	63.1	67.3	61.6	58.2	56.0	53.9
13	88.8	40.0	74.8	6.6	58.0	79.8	68.3	65.2	63.2	60.0	56.2
14	75.0	40.0	67.6	5.2	54.2	65.3	66.0	62.5	60.2	57.0	53.4
15	82.5	41.3	65.9	4.2	55.2	44.9	67.9	57.5	54.9	52.0	49.5
16	87.5	40.0	64.6	4.0	54.4	49.5	63.4	58.0	56.4	53.4	51.5
17	82.5	40.0	74.3	6.4	58.0	71.2	70.3	65.4	62.1	57.5	52.2
18	82.5	41.3	75.8	6.4	59.3	73.2	73.0	68.3	64.1	59.0	54.2
19	82.5	45.0	73.7	5.5	59.7	68.2	72.4	67.5	64.5	60.5	56.0
20	90.0	41.3	63.2	3.7	53.8	43.2	62.4	57.8	55.3	51.8	49.4
21	83.8	41.3	63.4	4.1	52.8	47.9	64.3	59.9	57.1	52.8	49.1
22	90.0	43.8	67.0	4.4	55.9	43.0	68.2	61.8	57.1	52.3	48.5
23	75.0	43.8	56.4	2.6	49.8	32.4	59.9	55.2	52.8	50.1	48.7
24	72.5	43.8	58.4	2.9	51.0	31.9	62.6	56.4	53.6	50.2	49.1

HR	L30	L40	L50	L60	L70	L80	L90	L95	L97	L99
1	47.1	46.8	46.4	46.1	45.7	45.4	45.0	44.4	44.1	43.9
2	46.6	46.1	45.9	45.6	45.3	45.1	44.5	44.1	44.0	43.8
3	46.7	46.0	45.6	45.1	44.7	44.3	43.9	43.4	43.0	42.7
4	46.1	45.5	45.0	44.7	44.3	44.0	43.4	43.0	42.8	42.6
5	46.3	45.7	45.2	44.7	44.3	43.9	43.3	42.9	42.7	42.6
6	49.3	48.3	47.5	46.9	46.3	45.6	44.8	44.2	43.9	43.2
7	53.4	52.0	51.1	50.5	49.8	49.1	48.1	47.2	46.6	45.8
8	52.3	51.4	50.8	50.3	49.7	49.2	48.6	48.0	47.7	47.4
9	53.1	51.7	50.6	49.0	49.1	48.3	47.5	46.8	46.5	45.7
10	55.9	54.1	52.2	49.0	47.4	45.9	44.0	42.9	42.5	41.6
11	55.9	54.7	53.3	50.9	48.7	46.4	44.1	43.0	42.6	41.7
12	51.1	49.1	47.4	46.2	45.3	44.5	43.7	43.0	42.7	42.0
13	52.0	49.8	48.2	47.0	45.7	44.5	43.4	42.8	42.5	41.7
14	51.0	49.3	48.1	47.1	46.2	45.3	44.2	43.4	42.9	42.3
15	48.2	47.3	46.7	46.1	45.6	45.1	44.4	43.9	43.8	42.9
16	50.6	49.8	49.0	48.2	47.2	46.0	44.8	44.0	43.8	42.8
17	49.4	47.3	46.0	45.1	44.4	43.7	42.9	42.5	42.0	41.4
18	51.9	50.2	49.0	47.6	46.2	45.2	44.3	43.8	43.3	42.7
19	53.3	52.0	51.1	50.4	49.6	48.7	47.9	47.5	47.0	46.5
20	48.4	47.6	47.0	46.5	45.9	45.4	44.7	44.1	43.9	43.2
21	48.2	47.6	46.8	46.1	45.6	45.1	44.4	44.0	43.8	43.2
22	47.6	47.2	46.9	46.6	46.3	45.8	45.4	45.2	45.1	44.9
23	48.2	47.7	47.3	47.0	46.8	46.5	46.0	45.5	45.3	45.1
24	48.5	48.1	47.7	47.4	47.0	46.7	46.3	45.9	45.5	45.2

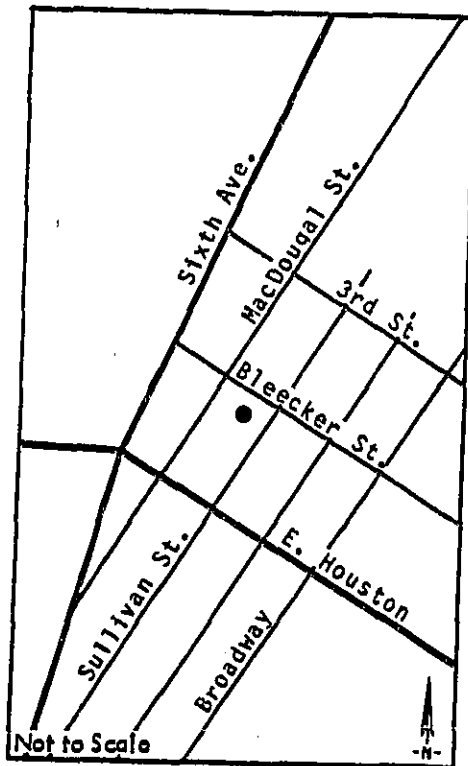
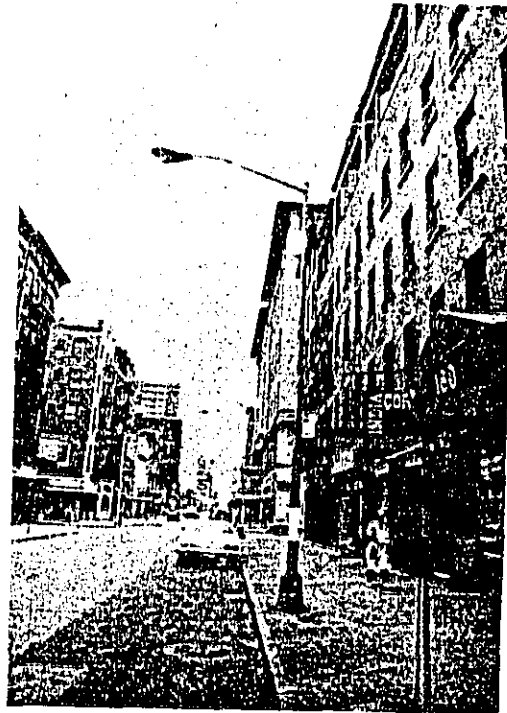
FIGURE B-66(b). HOURLY NOISE DATA FOR MIAMI SITE 0606

SITE # 606



	DAY "1"	NIGHT "N"	WEIGHTING	WEIGHTED LEQ
MAX	90.0	86.3	0.	56.3
MIN	40.0	41.3	8.	59.6
NPL	71.7	64.1	10.	60.9
SIG	5.0	4.0	12.	62.5
LEQ	57.3	53.9		
TNI	67.4	43.6		
L1	69.5	65.4		
L3	64.1	58.2		
L5	61.5	54.9		
L10	57.7	51.6		
L20	53.9	49.2		
L30	51.4	48.1		
L40	49.9	47.3		
L50	48.7	46.8		
L60	47.6	46.2		
L70	46.6	45.6		
L80	45.6	45.1		
L90	44.5	44.2		
L95	43.7	43.8		
L97	43.1	43.4		
L99	42.3	42.8		

FIGURE B-66(c). DAY/NIGHT NOISE DATA FOR MIAMI SITE 0606



L_{DN} :	74.0 dB
ρ :	83,500 $\frac{\text{people}}{\text{sq. mi.}}$

SITE: 0201
 Address: 176 Blecker
 New York, N.Y.
 Microphone Height: 13.7 m.
 Distance to Curb: 2.7 m.

ROADWAY TYPE
 At Site: Collector
 Vicinity: Local

TRAFFIC
 At Site: Cars, Trucks
 Vicinity: Cars, Trucks

OTHER NOISE SOURCES:

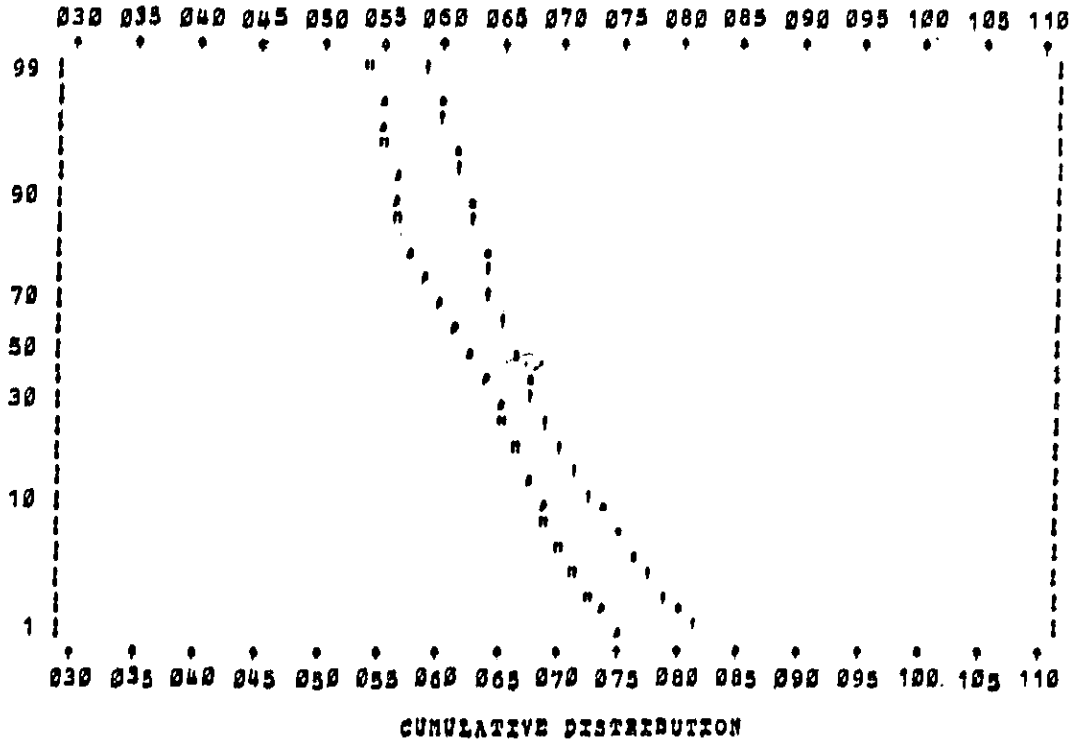
FIGURE B-67(a). DESCRIPTION OF NEW YORK CITY SITE 0201

SITE # 201											
HR	MAX	MIN	NPL	SIG	LEQ	TNI	L1	L3	L5	L10	L20
1	97.5	57.5	79.3	3.6	69.9	63.5	77.4	72.4	71.0	69.5	67.8
2	91.3	55.0	73.7	3.3	65.2	61.3	73.0	70.1	68.9	67.3	65.6
3	86.3	53.8	74.0	3.8	64.2	64.4	73.3	69.9	68.6	66.5	64.1
4	83.8	52.5	73.0	4.1	62.5	66.8	72.4	69.5	67.9	65.8	62.9
5	88.8	52.5	76.1	4.8	63.9	68.8	75.8	70.8	68.5	65.7	62.7
6	86.3	52.5	74.0	4.2	63.3	61.1	74.3	69.2	67.0	64.0	61.1
7	88.8	52.5	76.9	4.4	65.7	64.7	76.7	71.4	68.7	65.9	63.4
8	88.8	55.0	80.9	4.9	68.4	77.0	79.5	75.3	73.4	70.8	67.8
9	92.5	56.3	87.9	5.7	73.3	90.9	83.8	80.7	79.3	77.0	74.0
10	88.8	56.3	80.9	6.0	73.5	94.6	85.2	81.2	79.6	77.1	73.4
11	95.0	56.3	88.6	6.0	73.1	91.8	83.8	82.2	81.1	76.2	72.1
12	100.7	56.3	87.9	5.2	74.5	83.5	83.7	78.8	77.0	74.8	72.4
13	92.5	57.5	82.7	4.7	70.6	78.4	80.9	77.6	75.8	73.3	70.7
14	91.3	57.5	82.1	4.5	70.7	75.6	81.5	77.3	75.4	73.1	70.6
15	93.8	58.8	81.6	4.1	71.2	70.8	81.6	77.9	75.6	72.9	70.5
16	100.0	60.0	83.1	4.3	72.2	74.9	81.2	77.7	76.0	73.9	71.5
17	95.0	58.8	82.8	4.4	71.4	75.6	82.4	78.2	76.5	73.6	71.0
18	93.8	60.0	79.9	3.9	69.8	69.2	80.2	76.1	74.3	71.8	69.6
19	92.5	58.8	76.3	3.2	68.1	64.1	76.8	73.7	72.4	70.7	68.8
20	90.0	60.0	76.8	3.1	68.8	59.5	78.3	73.0	71.2	69.7	68.2
21	103.7	60.0	77.7	3.1	69.7	58.9	77.1	72.9	71.2	69.4	67.7
22	93.8	60.0	73.5	2.6	66.8	57.7	73.5	71.2	70.2	68.9	67.5
23	93.8	60.0	77.1	3.2	68.9	64.0	77.3	74.0	72.7	71.0	69.3
24	96.3	58.8	76.1	3.1	68.1	60.7	76.6	73.0	71.5	69.6	67.8

HR	L30	L40	L50	L60	L70	L80	L90	L95	L97	L99
1	66.6	65.6	64.8	64.1	63.4	62.6	61.4	60.6	60.1	59.2
2	64.4	63.5	62.6	61.9	61.2	60.4	59.4	58.6	58.0	57.4
3	62.7	61.6	60.6	59.7	58.9	58.1	57.2	56.5	56.2	55.4
4	61.0	59.6	58.5	57.7	57.0	56.3	55.5	55.1	54.8	54.1
5	60.5	58.9	57.7	56.8	56.0	55.4	54.7	54.2	54.0	53.8
6	59.6	58.5	57.6	56.8	56.1	55.6	55.0	54.3	54.1	53.8
7	61.9	60.8	59.9	59.1	58.2	57.3	56.4	55.6	55.3	55.0
8	65.8	64.3	63.1	62.0	61.1	60.0	58.7	57.8	57.4	56.5
9	71.2	69.3	67.6	66.0	64.8	63.6	62.4	61.5	60.9	60.0
10	70.8	68.9	67.3	65.7	64.3	63.0	61.3	60.2	59.5	58.5
11	69.8	67.9	66.3	64.9	63.6	62.4	61.0	60.0	59.4	58.6
12	70.6	68.9	67.5	66.0	64.7	63.5	61.8	60.7	60.1	59.1
13	68.7	67.1	65.9	64.8	63.9	62.9	61.6	60.7	60.3	59.4
14	68.8	67.3	66.2	65.2	64.2	63.3	62.2	61.5	61.1	60.2
15	69.1	68.0	67.0	66.1	65.4	64.5	63.6	62.8	62.5	61.6
16	69.8	68.6	67.5	66.5	65.5	64.5	63.5	62.8	62.5	61.6
17	69.4	68.1	67.0	65.9	64.9	64.0	63.0	62.3	61.8	61.3
18	68.1	66.9	65.9	65.0	64.3	63.5	62.7	62.0	61.6	61.3
19	67.6	66.6	65.8	65.0	64.4	63.7	62.9	62.3	61.8	61.4
20	67.2	66.5	65.8	65.2	64.6	64.0	63.1	62.6	62.2	61.5
21	66.8	66.0	65.4	64.8	64.2	63.6	62.9	62.5	61.9	61.4
22	66.6	65.8	65.1	64.5	63.9	63.3	62.6	62.0	61.6	61.3
23	68.0	67.1	66.3	65.6	65.0	64.3	63.4	62.8	62.6	61.7
24	66.9	66.1	65.5	64.8	64.2	63.5	62.6	61.8	61.4	60.5

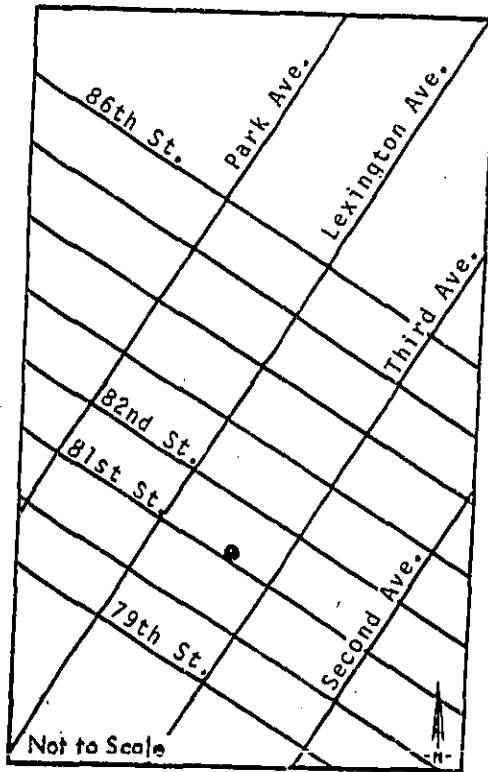
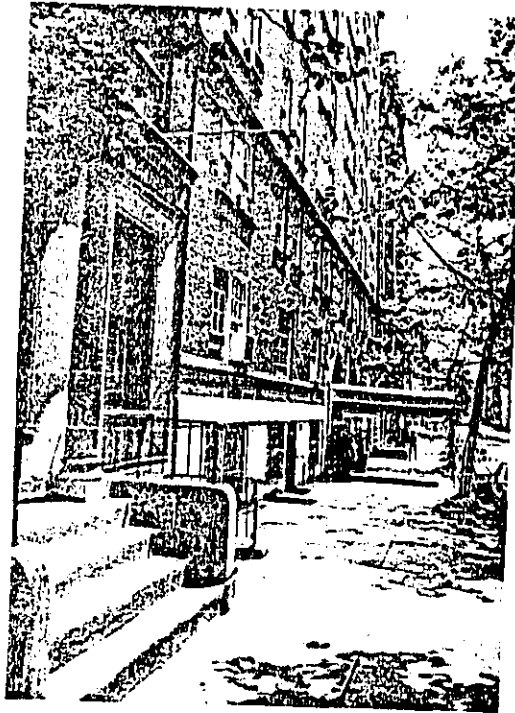
FIGURE B-67(b). HOURLY NOISE DATA FOR NEW YORK CITY SITE 0201

SITE # 201



	DAY " "	NIGHT " "	WEIGHTING	WEIGHTED L2Q
MAX	108.7	97.5	0.	70.0
MIN	55.0	52.5	8.	72.8
NFL	63.1	70.9	10.	74.8
SIG	4.6	4.8	12.	75.4
L2Q	71.2	66.5		
TWT	75.8	75.1		
L1	82.0	79.5		
L3	78.0	71.8		
L5	76.0	70.3		
L10	73.1	68.3		
L20	70.2	66.2		
L30	68.5	64.8		
L40	67.2	63.6		
L50	66.1	62.2		
L60	65.2	60.8		
L70	64.3	59.2		
L80	63.4	57.7		
L90	62.2	56.1		
L95	61.2	55.3		
L97	60.3	54.9		
L99	58.9	54.1		

FIGURE B-67(c). DAY/NIGHT NOISE DATA FOR NEW YORK CITY SITE 0201



L_{DN} : 72.9 dB
 ρ : 60,700 $\frac{\text{people}}{\text{sq. mi.}}$

SITE: 0202
 Address: 161 E. 81st St.
 New York, N.Y.
 Microphone Height: 5.2 m.
 Distance to Curb: 3.6 m.

ROADWAY TYPE
 At Site: Collector
 Vicinity: Arterial

TRAFFIC
 At Site: Cars, Trucks
 Vicinity: Cars, Trucks

OTHER NOISE SOURCES:

FIGURE B-68(a). DESCRIPTION OF NEW YORK CITY SITE 0202

DRAWN BY: [unreadable]

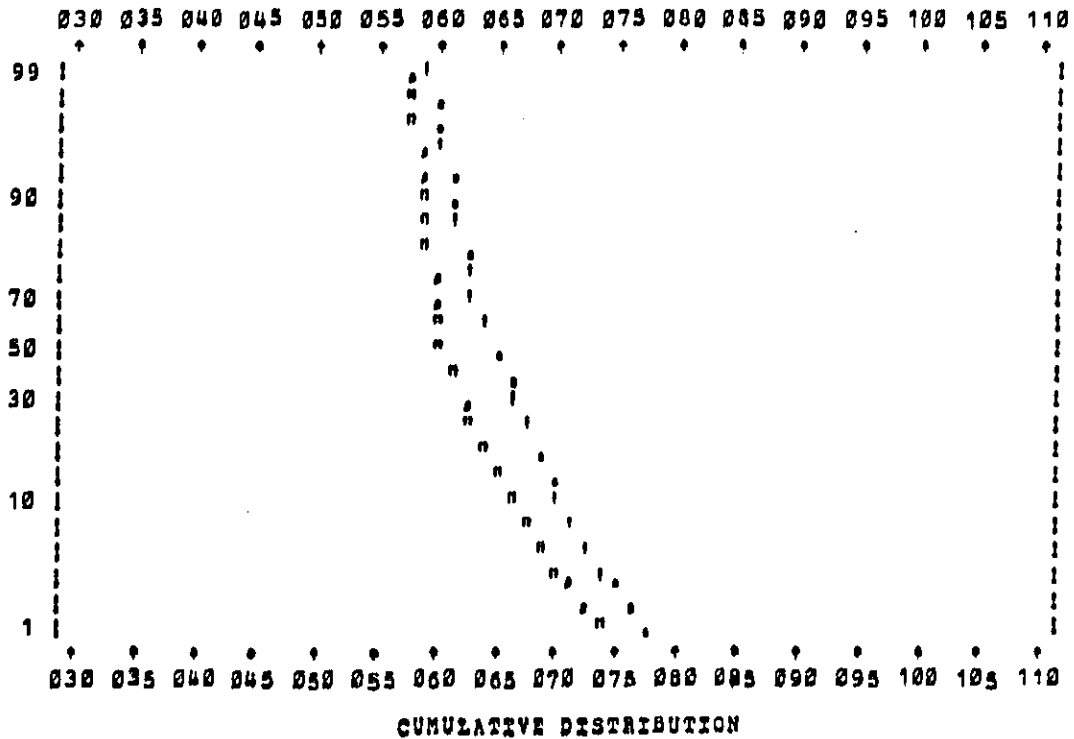
SITE # 202

HR	MAX	MIN	NPL	SIG	L8Q	TNI	L1	L3	L5	L10	L20
1	91.3	56.3	74.9	3.8	65.2	63.6	74.6	71.1	69.5	67.0	64.5
2	85.0	55.0	71.3	3.2	63.0	56.9	72.5	69.6	67.8	65.1	62.7
3	82.5	57.5	70.0	2.8	62.8	53.8	72.1	68.6	67.1	65.2	62.9
4	88.8	57.5	71.6	3.0	63.9	52.3	73.6	69.0	67.2	64.8	62.3
5	81.3	57.5	69.7	2.7	62.7	50.5	72.2	68.7	66.8	64.3	62.2
6	100.0	57.5	80.7	4.1	70.2	64.0	77.5	72.0	70.5	67.8	64.3
7	95.0	56.3	79.3	4.5	67.8	70.3	78.0	73.6	71.5	68.9	66.0
8	100.0	56.3	81.3	4.5	69.8	74.6	80.3	76.6	75.0	71.9	69.3
9	97.5	58.8	83.2	4.3	72.2	72.6	81.8	79.5	76.7	73.2	70.8
10	91.3	57.5	82.4	4.5	70.7	76.6	81.4	77.8	76.0	73.1	70.2
11	86.3	56.3	79.0	4.1	68.5	73.4	77.3	74.9	73.5	71.7	69.6
12	80.0	57.5	76.5	3.8	66.8	68.0	75.8	73.4	72.1	69.9	67.8
13	91.3	58.8	76.8	3.6	67.4	66.5	76.7	73.3	71.9	70.0	68.1
14	92.5	57.5	76.7	3.5	67.7	66.6	75.9	73.2	72.1	70.3	68.2
15	93.8	57.5	76.2	3.5	67.4	65.5	75.8	73.1	71.7	69.8	67.8
16	88.8	58.8	77.1	3.6	67.9	67.6	75.9	73.5	72.4	70.6	68.6
17	93.8	57.5	78.1	3.8	68.4	68.3	76.9	73.5	72.2	70.4	68.4
18	87.5	57.5	77.4	3.7	67.9	68.9	76.9	74.1	72.8	70.8	68.7
19	93.8	57.5	79.9	3.5	66.9	65.9	76.0	73.0	71.7	69.6	67.4
20	88.8	57.5	75.3	3.5	66.3	66.2	74.9	72.6	71.2	69.3	67.0
21	88.8	57.5	73.9	3.3	65.5	61.3	74.3	71.1	69.7	67.9	66.0
22	95.0	56.3	78.5	4.0	68.3	66.6	77.3	73.4	71.4	69.1	66.6
23	95.0	56.3	76.8	3.8	67.1	64.6	75.1	71.4	70.1	68.0	65.5
24	82.5	56.3	72.5	3.3	64.2	61.7	72.6	70.1	68.9	67.1	64.8

HR	L30	L40	L50	L60	L70	L80	L90	L95	L97	L99
1	63.1	62.0	61.1	60.3	59.6	59.0	58.2	57.8	57.6	57.0
2	61.5	60.8	60.1	59.6	59.1	58.6	57.8	57.2	56.8	56.4
3	61.7	60.9	60.3	59.9	59.6	59.3	59.0	58.9	58.8	58.3
4	61.2	60.6	60.1	59.8	59.5	59.2	59.0	58.8	58.8	58.3
5	61.1	60.6	60.0	59.7	59.5	59.2	58.9	58.8	58.8	58.0
6	62.8	62.0	61.2	60.6	60.1	59.6	59.1	58.9	58.8	58.3
7	64.1	62.8	61.8	60.9	60.1	59.3	58.4	57.8	57.5	56.7
8	67.9	66.8	65.7	64.7	63.6	62.5	61.1	59.8	59.0	58.0
9	69.4	68.4	67.4	66.5	65.6	64.6	63.5	62.7	62.1	61.3
10	68.6	67.3	66.2	65.2	64.2	63.2	62.0	61.3	60.8	60.2
11	68.2	67.0	65.9	64.9	63.8	62.6	61.1	60.1	59.4	58.5
12	66.3	65.1	63.9	63.0	62.2	61.5	60.6	60.0	59.5	58.9
13	66.7	65.7	64.8	64.0	63.2	62.2	61.2	60.4	60.2	59.4
14	66.9	65.9	65.1	64.4	63.6	62.7	61.5	60.6	60.2	59.2
15	66.6	65.7	64.9	64.1	63.2	62.2	61.2	60.5	60.2	59.5
16	67.3	66.3	65.3	64.4	63.6	62.6	61.6	60.8	60.4	60.0
17	67.0	66.0	65.0	64.1	63.2	62.2	61.1	60.4	60.1	59.3
18	67.3	66.3	65.4	64.5	63.6	62.6	61.4	60.6	60.3	59.8
19	66.1	65.1	64.3	63.5	62.7	61.9	60.9	60.3	60.1	59.2
20	65.5	64.5	63.6	62.8	62.1	61.3	60.4	59.8	59.4	58.9
21	64.8	63.9	63.1	62.3	61.6	60.8	60.1	59.4	59.2	58.9
22	65.1	64.1	63.3	62.4	61.7	60.8	59.9	59.2	59.0	58.3
23	64.0	63.0	62.2	61.5	60.7	59.9	59.1	58.5	58.1	57.7
24	63.6	62.7	61.9	61.2	60.5	59.7	58.9	58.3	58.0	57.6

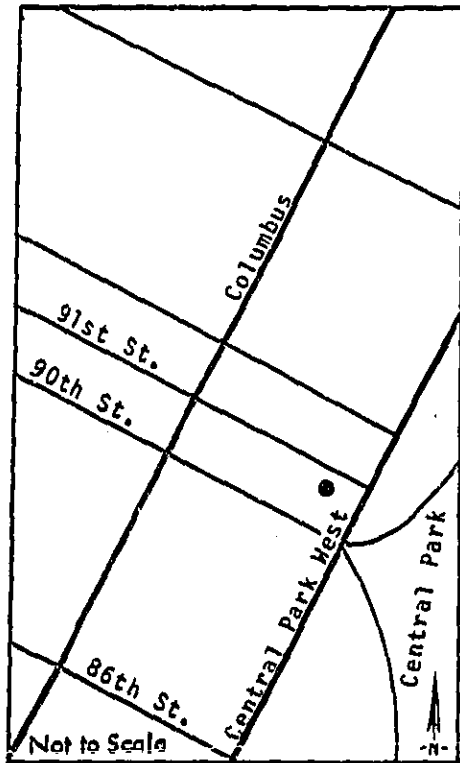
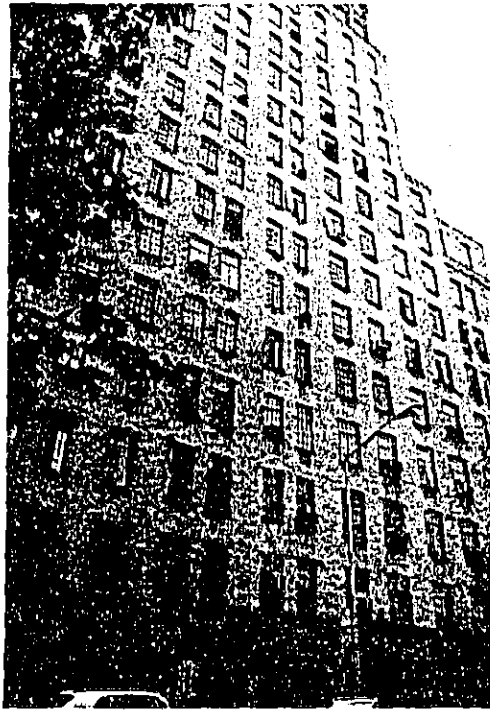
FIGURE B-68(b). HOURLY NOISE DATA FOR NEW YORK CITY SITE 0202

SITE # 202



	DAY "d"	NIGHT "n"	WEIGHTING	WEIGHTED LEQ
MAX	100.0	100.0	0.	67.8
MIN	56.3	55.0	8.	71.4
MPL	70.8	75.2	10.	72.9
STQ	4.0	3.6	12.	74.5
LEQ	68.6	66.0		
THI	70.0	60.2		
L1	70.1	74.5		
L3	74.5	70.8		
L5	72.9	69.2		
L10	70.7	66.7		
L20	68.5	64.1		
L30	67.1	62.6		
L40	65.9	61.6		
L50	64.9	60.9		
L60	64.1	60.2		
L70	63.1	59.7		
L80	62.1	59.3		
L90	61.0	58.8		
L95	60.2	58.2		
L97	59.8	57.8		
L99	59.0	57.2		

FIGURE B-68(c). DAY/NIGHT NOISE DATA FOR NEW YORK CITY SITE 0202



L_{DN} :	68.0 dB
ρ :	87,200 $\frac{\text{people}}{\text{sq. mi.}}$

SITE: 0203
 Address: 91st btwn Central Pk. & Columbus, New York, NY
 Microphone Height: 46.0 m.
 Distance to Curb: 3.7 m.

ROADWAY TYPE

At Site: Local
 Vicinity: Arterial

TRAFFIC

At Site: Cars
 Vicinity: Cars, Trucks

OTHER NOISE SOURCES:

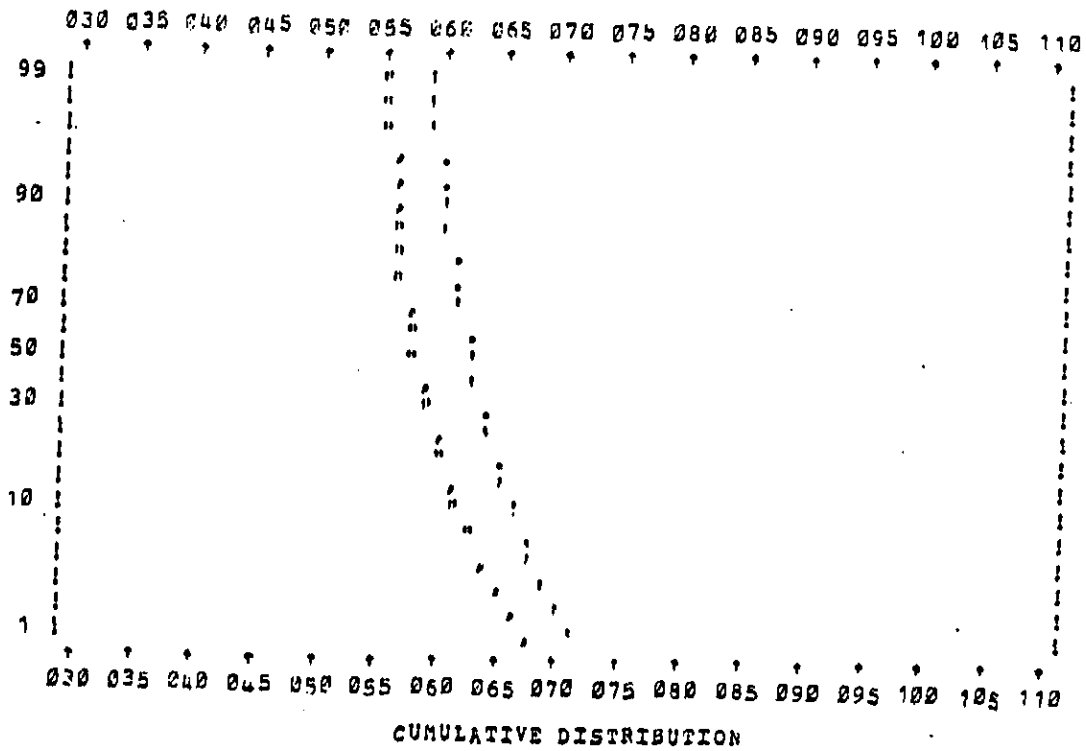
FIGURE B-69(a). DESCRIPTION OF NEW YORK CITY SITE 0203

SITE # 203											
HR	MAX	MIF	NPL	SIG	LEO	TNI	L1	L3	L5	L10	L20
1	81.3	55.0	66.3	2.3	60.4	47.7	67.7	64.6	63.5	62.1	60.8
2	76.3	53.8	64.5	2.2	59.0	45.4	65.7	63.3	62.3	61.0	59.5
3	78.8	53.8	63.2	1.9	58.2	43.4	64.1	62.2	61.2	60.0	58.7
4	75.0	53.8	63.1	2.0	58.0	43.3	64.7	62.4	61.4	59.9	58.4
5	70.0	53.8	62.0	1.7	57.6	41.4	63.7	61.6	60.7	59.4	58.1
6	81.3	53.8	64.2	2.2	58.7	44.6	66.1	63.6	62.2	60.6	59.1
7	76.3	55.0	66.3	2.4	60.3	49.0	67.3	65.0	63.8	62.4	61.0
8	81.3	56.3	73.1	3.3	64.7	62.2	73.5	70.8	69.5	67.6	65.1
9	81.3	57.5	70.9	2.6	64.3	55.3	71.4	69.2	68.1	66.7	65.2
10	88.8	56.3	70.6	2.6	63.9	55.7	70.8	68.9	67.9	66.3	64.7
11	87.5	57.5	74.4	3.2	66.1	58.0	76.9	71.2	69.5	67.3	65.4
12	80.0	56.3	69.7	2.4	63.6	53.6	70.2	68.3	67.3	66.0	64.7
13	85.2	56.3	71.4	2.6	64.2	55.7	71.6	68.8	67.6	66.2	64.6
14	81.3	56.3	69.8	2.3	63.8	53.4	70.2	68.5	67.5	66.1	64.8
15	95.0	57.5	72.6	2.7	65.0	54.0	72.2	69.1	67.9	66.4	64.9
16	91.3	56.3	71.5	2.6	64.7	54.7	71.0	68.8	67.8	66.3	64.8
17	85.0	57.5	71.6	2.7	64.8	56.6	72.4	70.2	68.9	67.1	65.5
18	83.8	57.5	71.4	2.6	64.6	55.7	72.2	69.8	68.6	66.9	65.3
19	80.0	56.3	69.5	2.4	63.4	52.7	70.5	68.3	67.2	65.6	64.2
20	86.3	56.3	69.6	2.5	63.5	53.1	70.8	68.5	67.2	65.7	64.2
21	86.3	57.5	68.5	2.1	63.2	48.9	69.5	67.2	66.1	64.9	63.7
22	87.5	57.5	74.4	3.4	65.6	58.0	77.2	71.1	69.3	66.6	64.3
23	96.3	56.3	73.7	3.2	65.6	51.0	74.2	69.1	66.4	63.9	62.3
24	90.0	56.3	69.5	2.7	62.5	49.9	71.2	67.0	65.2	63.4	61.9

HR	L30	L40	L50	L60	L70	L80	L90	L95	L97	L99
1	59.9	59.4	58.8	58.4	58.0	57.6	57.0	56.6	56.4	56.3
2	58.6	58.1	57.5	57.2	56.9	56.6	56.2	55.6	55.4	55.1
3	57.9	57.4	57.0	56.7	56.4	56.0	55.5	55.2	55.1	55.0
4	57.5	57.1	56.8	56.5	56.2	55.8	55.4	55.2	55.1	55.0
5	57.4	57.1	56.8	56.6	56.3	55.9	55.4	55.2	55.1	55.0
6	58.3	57.6	57.3	57.0	56.7	56.4	55.9	55.5	55.3	55.1
7	60.0	59.4	58.8	58.4	57.9	57.5	56.8	56.5	56.4	56.3
8	63.9	63.1	62.4	61.8	61.1	60.4	59.3	58.7	58.1	57.6
9	64.3	63.5	63.0	62.4	61.9	61.3	60.4	60.0	59.4	58.9
10	63.7	63.0	62.3	61.8	61.2	60.5	59.8	59.2	58.9	58.2
11	64.4	63.6	63.1	62.4	61.8	61.2	60.4	59.8	59.3	58.8
12	63.7	63.1	62.5	62.0	61.5	60.8	60.1	59.5	59.1	58.8
13	63.6	62.9	62.3	61.7	61.1	60.5	59.7	59.1	58.8	58.1
14	63.9	63.3	62.6	62.2	61.7	61.2	60.4	59.9	59.4	58.9
15	64.2	63.5	63.0	62.4	61.9	61.4	60.5	60.1	59.6	59.0
16	63.9	63.2	62.6	62.0	61.5	60.9	60.2	59.6	59.2	58.8
17	64.6	63.8	63.2	62.7	62.1	61.5	60.6	60.1	59.8	59.0
18	64.4	63.7	63.1	62.5	62.0	61.4	60.6	60.1	59.8	59.1
19	63.4	62.7	62.1	61.6	61.1	60.5	60.0	59.3	59.0	58.6
20	63.3	62.6	62.1	61.6	61.0	60.5	60.0	59.3	59.0	58.8
21	63.1	62.5	62.1	61.7	61.3	60.8	60.3	60.0	59.5	59.0
22	63.2	62.3	61.7	61.1	60.6	60.1	59.4	59.0	58.9	58.5
23	61.4	60.6	60.2	59.7	59.3	58.9	58.2	57.8	57.7	57.5
24	61.0	60.4	59.9	59.4	59.0	58.5	57.9	57.7	57.6	56.9

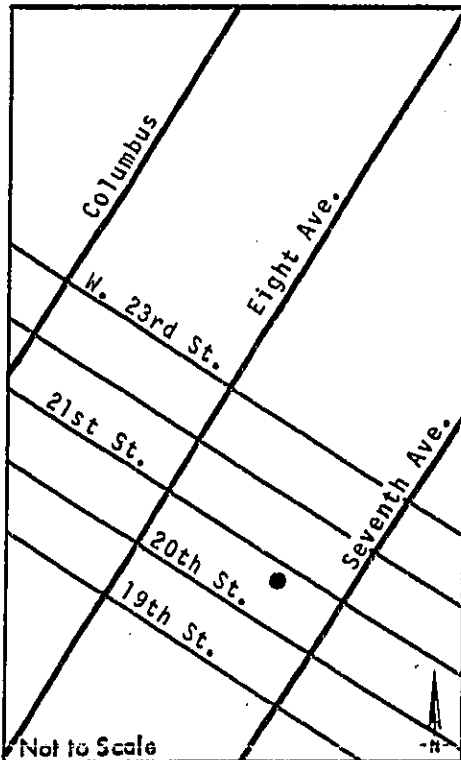
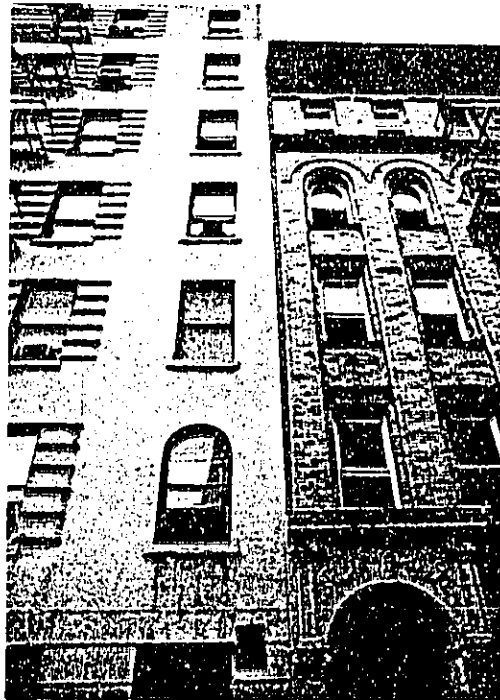
FIGURE B-69(b). HOURLY NOISE DATA FOR NEW YORK CITY SITE 0203

SITE # 203



	DAY " , "	NIGHT " , "	WEIGHTING	WEIGHTED LEQ
MAX	98.0	96.3		
MIN	56.3	53.8	0.	63.5
NPL	71.6	67.7	8.	66.7
SIG	2.7	2.7	10.	68.0
LEQ	64.5	60.9	12.	69.6
TNI	55.2	49.7		
L1	72.0	68.1		
L3	69.4	64.6		
L5	68.1	63.4		
L10	66.4	61.9		
L20	64.8	60.4		
L30	63.9	59.5		
L40	63.2	58.8		
L50	62.6	58.1		
L60	62.0	57.5		
L70	61.4	57.1		
L80	62.0	56.6		
L90	60.1	56.0		
L95	59.4	55.5		
L97	59.1	55.3		
L99	58.6	55.1		

FIGURE D-69(c). DAY/NIGHT NOISE DATA FOR NEW YORK CITY SITE 0203



L_{DN} :	73.6	dB
ρ :	49,400	$\frac{\text{people}}{\text{sq. mi.}}$

SITE: 0204
 Address: 220 W. 21st St.
 New York, N.Y.
 Microphone Height: 19.8 m.
 Distance to Curb: 2.7 m.

ROADWAY TYPE
 At Site: Local
 Vicinity: Arterial

TRAFFIC
 At Site: Cars, Trucks
 Vicinity: Cars, Trucks

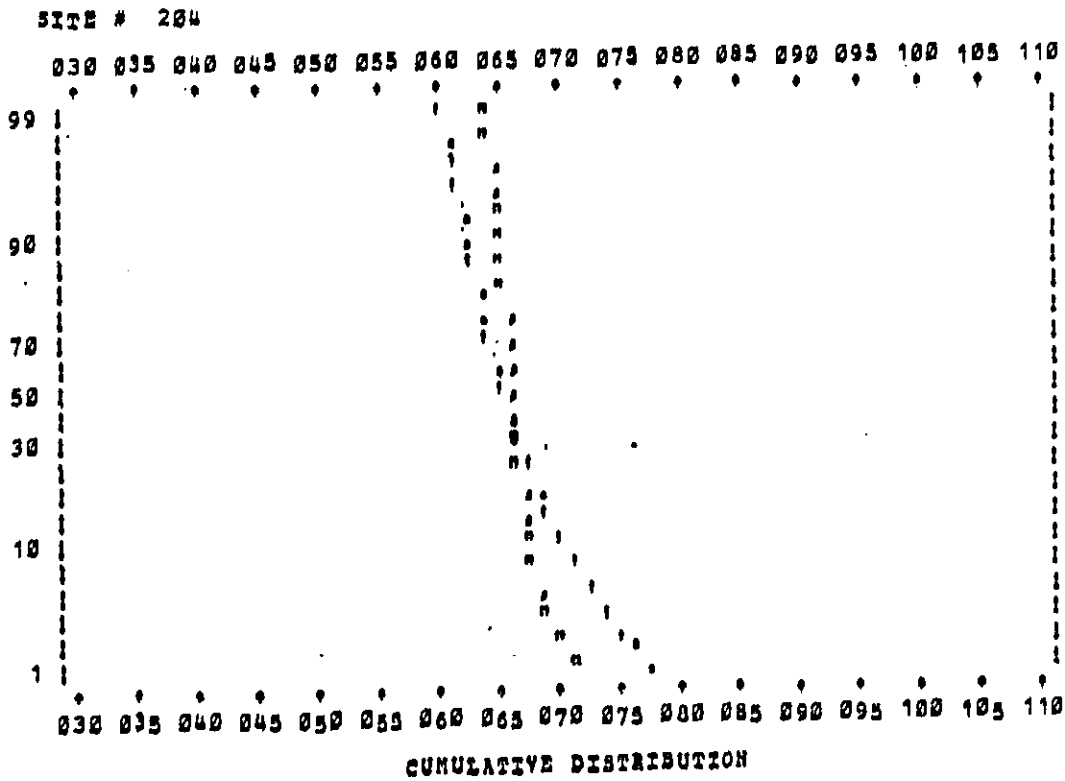
OTHER NOISE SOURCES:
 Air Conditioner

FIGURE B-70(a). DESCRIPTION OF NEW YORK CITY SITE 0204

SITE # 204											
HR	MAX	MIN	NPL	SIG	L20	TNZ	L1	L3	L5	L10	L20
1	85.0	63.8	70.1	1.2	67.0	45.5	71.2	69.6	68.7	67.9	67.3
2	90.0	63.8	71.8	1.8	67.1	46.2	73.6	70.3	69.1	67.7	66.7
3	75.0	63.8	68.1	0.9	65.8	41.8	69.4	67.7	67.2	66.4	66.1
4	85.0	63.8	70.2	1.4	66.6	42.2	72.1	68.9	67.9	66.9	66.2
5	90.0	63.8	71.8	1.7	67.4	42.6	72.7	69.3	68.1	67.0	66.2
6	87.5	63.8	70.7	1.5	66.9	44.1	72.8	69.8	68.6	67.4	66.7
7	90.0	63.8	72.5	1.9	67.8	47.8	74.8	70.0	69.6	68.4	67.3
8	87.5	58.8	77.6	3.6	68.4	62.8	78.5	73.9	71.8	69.5	66.9
9	92.5	58.8	79.5	4.0	69.2	69.5	79.5	75.8	74.0	71.1	68.5
10	88.8	57.5	77.7	3.9	67.7	67.0	78.2	74.6	72.6	69.9	67.5
11	90.0	57.5	82.1	4.6	70.4	76.1	81.5	77.4	75.3	72.9	70.3
12	88.8	58.8	79.6	4.0	69.4	71.4	79.5	76.2	74.5	72.3	69.4
13	92.5	58.8	78.4	3.7	68.9	68.7	79.3	75.9	74.2	71.8	69.3
14	86.3	60.0	75.5	3.0	67.8	63.5	75.6	73.4	72.3	70.6	68.6
15	85.0	60.0	75.7	3.0	68.0	62.9	75.8	73.6	72.5	70.9	68.9
16	97.5	60.0	78.2	3.4	69.6	62.8	79.6	75.2	73.2	70.9	68.9
17	88.8	60.0	76.0	3.1	68.1	61.9	77.0	73.8	72.4	70.5	68.6
18	88.8	60.0	75.9	3.0	68.2	62.1	76.7	73.6	72.4	70.6	68.8
19	92.5	60.0	74.0	2.7	67.2	55.5	75.1	71.2	70.0	68.4	67.0
20	91.3	60.0	72.8	2.5	66.3	56.0	73.8	71.0	69.9	68.4	66.9
21	87.5	60.0	70.3	2.1	64.9	50.9	71.5	68.8	67.8	66.5	65.3
22	90.0	60.0	73.3	2.5	66.8	56.3	72.1	69.8	69.1	68.4	67.7
23	90.0	63.8	70.0	1.3	66.6	46.6	70.9	69.2	68.6	67.9	67.2
24	86.3	65.0	70.9	1.3	67.5	46.4	72.4	70.3	69.5	68.6	67.7

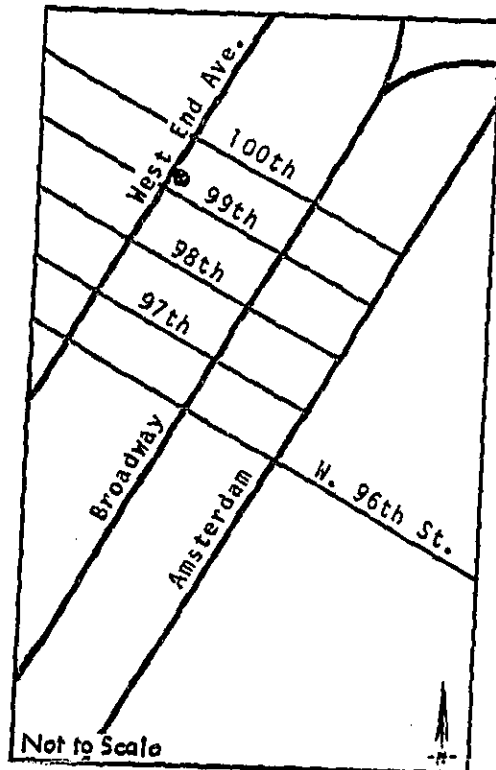
HR	L30	L40	L50	L60	L70	L80	L90	L95	L97	L99
1	67.1	66.9	66.7	66.4	66.2	65.8	65.4	65.2	65.1	65.0
2	66.1	65.9	65.7	65.6	65.4	65.2	64.8	64.3	64.1	63.9
3	65.9	65.8	65.6	65.4	65.3	65.1	64.6	64.2	64.0	63.8
4	66.0	65.9	65.7	65.5	65.4	65.2	65.1	65.0	64.6	64.0
5	66.0	65.9	65.7	65.6	65.4	65.2	65.1	65.0	64.6	64.0
6	66.2	66.0	65.9	65.7	65.5	65.3	65.2	65.1	65.0	65.0
7	66.9	66.5	66.1	65.9	65.7	65.5	65.2	65.1	65.1	65.0
8	65.7	64.9	64.3	63.6	63.0	62.4	61.7	61.3	60.9	60.3
9	67.2	66.2	65.3	64.4	63.6	62.7	61.7	61.0	60.6	60.1
10	68.1	65.0	64.1	63.3	62.5	61.8	60.9	60.3	60.1	59.4
11	68.5	67.2	65.9	64.8	63.8	62.9	61.9	61.2	60.6	59.9
12	67.6	66.4	65.5	64.7	64.0	63.3	62.5	61.8	61.5	61.0
13	67.8	66.7	65.7	64.9	64.2	63.5	62.8	62.4	61.9	61.4
14	67.5	66.6	65.8	65.1	64.5	63.9	63.0	62.6	62.2	61.5
15	67.7	66.8	66.0	65.4	64.8	64.2	63.5	62.9	62.7	62.0
16	67.7	66.8	66.1	65.5	64.8	64.3	63.6	63.0	62.7	62.2
17	67.5	66.6	65.8	65.2	64.6	64.0	63.3	62.8	62.6	62.0
18	67.7	66.8	66.1	65.4	64.8	64.2	63.4	62.8	62.6	61.8
19	66.1	65.4	64.9	64.4	63.9	63.4	62.8	62.4	61.9	61.4
20	65.9	65.2	64.7	64.2	63.6	63.1	62.5	61.9	61.6	61.3
21	64.5	63.9	63.5	63.1	62.7	62.3	61.7	61.5	61.4	61.3
22	67.2	66.9	66.5	65.4	64.0	63.2	62.5	61.9	61.6	61.3
23	66.7	66.3	66.0	65.8	65.5	65.2	65.0	64.4	64.1	63.9
24	67.3	67.2	67.0	66.8	66.6	66.4	65.9	65.5	65.3	65.1

FIGURE B-70(b). HOURLY NOISE DATA FOR NEW YORK CITY SITE 0204



	DAY ","	NIGHT "n",	WEIGHTING	WEIGHTED LEQ
MAX	97.5	90.0	0.	67.8
MIN	97.5	63.0	8.	72.1
MPL	77.0	71.0	10.	73.6
STD	3.4	1.8	12.	75.3
LEQ	68.3	67.0		
TMT	64.0	45.3		
L1	77.6	72.3		
L3	74.2	69.7		
L5	72.5	68.7		
L10	70.4	67.7		
L20	68.3	67.1		
L30	67.1	66.0		
L40	66.1	66.2		
L50	65.3	66.0		
L60	64.6	65.8		
L70	64.0	65.5		
L80	63.2	65.3		
L90	62.5	65.1		
L95	61.7	64.0		
L97	61.4	64.5		
L99	60.5	64.0		

FIGURE B-70(c). DAY/NIGHT NOISE DATA FOR NEW YORK CITY SITE 0204



LDN: 69.5 dB
 p: 40,000 $\frac{\text{people}}{\text{sq. mi.}}$

SITE: 0205
 Address: 808 West End Ave, #201
 New York, N.Y.
 Microphone Height: 38.2 m.
 Distance to Curb: 3.6 m.

ROADWAY TYPE
 At Site: Local
 Vicinity: Collector

TRAFFIC
 At Site: Cars, Trucks
 Vicinity: Cars, Trucks

OTHER NOISE SOURCES:

FIGURE 8-71(a). DESCRIPTION OF NEW YORK CITY SITE 0205

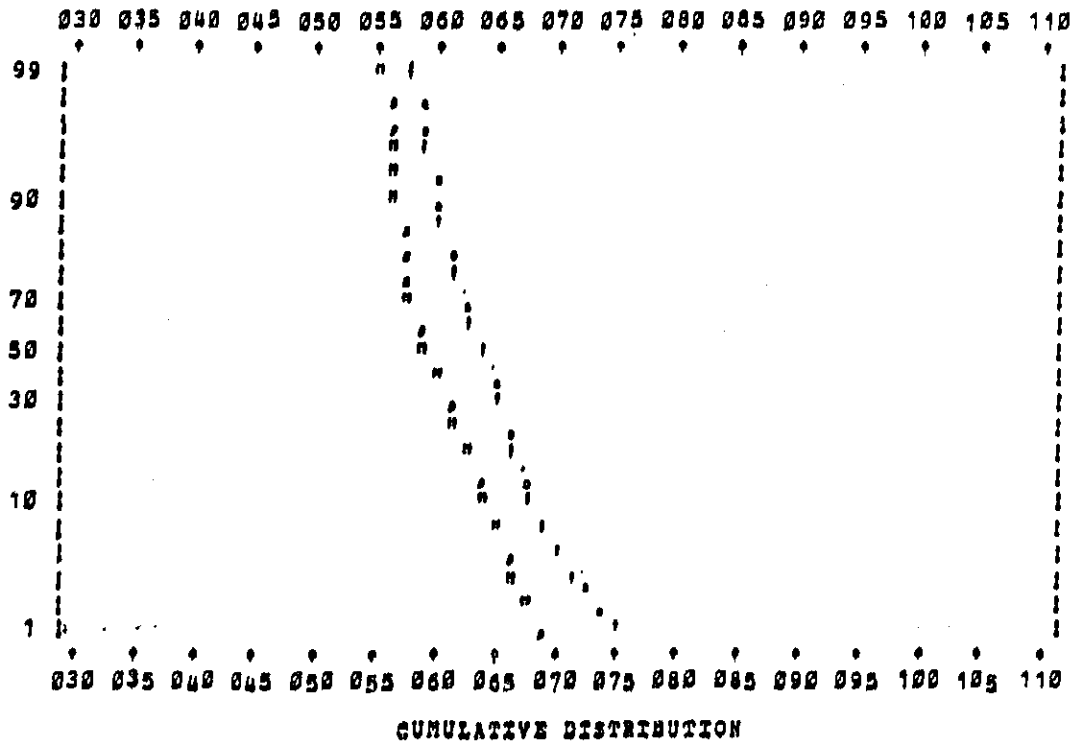
SITE # 205

HR	MAX	MIN	NPL	SIG	L80	TNI	L1	L3	L5	L10	L20
1	85.0	56.3	69.8	2.8	62.7	55.0	70.0	67.4	66.3	65.0	63.6
2	87.5	55.0	68.1	2.6	61.4	51.0	67.5	65.3	64.3	62.9	61.3
3	93.8	55.0	66.6	2.4	60.4	49.5	66.9	64.7	63.8	62.3	60.3
4	77.5	55.0	65.6	2.4	59.5	47.9	67.3	64.6	63.4	61.8	59.9
5	78.8	55.0	64.0	2.1	58.6	43.1	66.0	63.4	62.1	60.2	58.6
6	82.5	53.8	65.0	2.3	59.2	46.1	65.8	63.6	62.4	61.0	59.1
7	80.0	55.0	68.7	2.9	61.3	54.5	69.1	66.3	65.1	63.7	62.1
8	86.3	55.0	74.5	3.7	65.1	64.4	73.8	70.7	69.3	67.6	66.0
9	85.0	56.3	66.3	5.9	71.1	96.9	78.5	77.7	77.3	76.8	75.1
10	82.5	55.0	75.8	3.9	65.9	68.8	73.9	72.8	71.7	68.9	66.9
11	85.0	56.3	74.8	3.4	60.2	64.6	73.5	72.1	70.8	68.9	67.3
12	85.0	55.0	73.1	3.2	65.0	61.1	73.0	69.9	68.7	67.4	66.0
13	83.8	55.0	74.1	3.4	65.4	63.7	73.0	70.6	69.4	68.1	66.7
14	85.0	56.3	76.4	3.8	66.6	66.0	76.9	73.0	71.0	68.8	66.9
15	88.8	56.3	73.8	3.3	65.3	62.6	73.5	70.5	69.2	67.7	66.2
16	101.2	55.0	81.5	4.1	70.9	65.7	78.8	71.4	69.9	68.3	66.7
17	93.8	56.3	76.0	3.8	66.3	67.9	74.2	71.7	70.5	69.0	67.5
18	93.8	57.5	75.5	3.5	66.7	63.5	75.9	71.6	70.1	68.7	67.2
19	100.0	57.5	82.6	4.2	71.9	64.9	82.4	73.7	71.6	69.2	67.4
20	86.3	57.5	72.9	2.9	65.4	59.3	73.2	70.4	69.2	67.8	66.5
21	83.8	57.5	70.9	2.6	64.3	56.6	70.0	68.5	67.8	66.9	65.7
22	82.5	57.5	70.7	2.5	64.2	54.2	71.6	68.4	67.4	66.2	65.1
23	93.8	57.5	70.6	2.5	64.1	54.7	69.9	68.0	67.2	66.2	65.2
24	86.3	57.5	71.9	3.0	64.2	58.5	72.0	69.2	67.9	66.6	65.2

HR	L30	L40	L50	L60	L70	L80	L90	L95	L97	L99
1	62.6	61.8	61.0	60.3	59.7	59.1	58.3	57.9	57.7	57.3
2	60.2	59.4	58.8	58.4	58.0	57.6	56.9	56.6	56.4	56.3
3	59.2	58.5	58.0	57.5	57.2	56.8	56.5	56.4	56.3	55.7
4	58.9	58.3	57.7	57.3	57.0	56.8	56.5	56.3	56.3	55.5
5	57.8	57.3	57.1	56.9	56.6	56.4	55.9	55.5	55.3	55.1
6	58.2	57.5	57.2	57.0	56.7	56.4	56.0	55.5	55.3	55.1
7	60.9	60.0	59.2	58.5	57.9	57.3	56.7	56.5	56.3	55.9
8	64.8	63.7	62.8	61.7	60.7	59.7	58.7	57.9	57.6	56.7
9	67.8	66.1	64.9	63.9	62.9	61.7	60.2	59.2	58.8	57.9
10	65.7	64.6	63.7	62.7	61.5	60.4	59.1	58.3	57.9	57.4
11	66.4	65.5	64.7	63.8	62.7	61.6	60.4	59.5	59.1	58.3
12	65.1	64.3	63.3	62.7	61.7	60.7	59.6	58.9	58.4	57.7
13	65.7	64.7	63.9	63.0	61.9	60.8	59.5	58.8	58.2	57.6
14	65.7	64.8	63.9	63.0	62.1	61.0	59.8	58.9	58.4	57.7
15	65.2	64.3	63.5	62.6	61.6	60.6	59.4	58.8	58.3	57.7
16	65.7	64.8	63.9	62.9	61.9	60.6	59.2	58.3	57.9	57.5
17	66.5	65.6	64.6	63.4	61.9	60.6	59.3	58.6	58.1	57.7
18	66.2	65.4	64.6	63.7	62.5	61.4	60.4	59.7	59.3	58.8
19	66.3	65.5	64.7	63.8	62.8	61.7	60.7	60.1	59.7	59.0
20	65.6	64.8	64.1	63.3	62.4	61.6	60.7	60.2	59.8	59.1
21	64.8	64.1	63.3	62.5	61.8	61.0	60.3	59.8	59.4	58.9
22	64.4	63.6	63.0	62.3	61.6	60.9	60.2	59.7	59.3	58.9
23	64.3	63.5	62.7	61.9	61.2	60.6	60.0	59.4	59.1	58.8
24	64.2	63.4	62.5	61.7	60.9	60.1	59.3	58.9	58.8	57.9

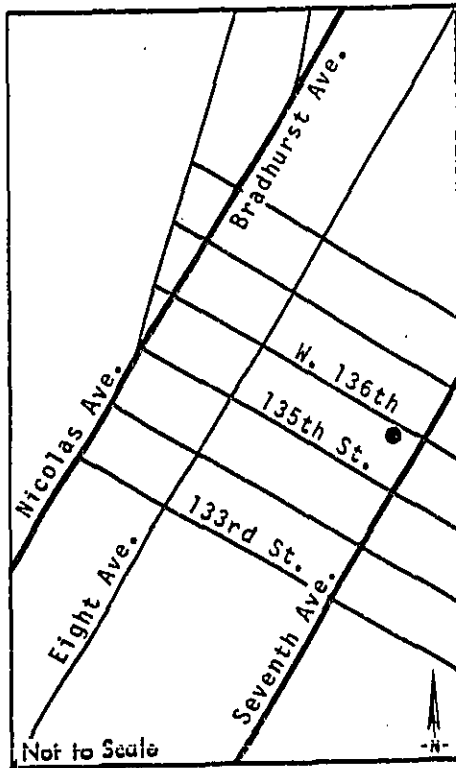
FIGURE B-71(b). HOURLY NOISE DATA FOR NEW YORK CITY SITE 0205

SITE # 205



	DAY "d"	NIGHT "n"	WEIGHTING	WEIGHTED LEQ
MAX	101.2	93.8	0.	65.9
MIN	55.0	53.8	8.	58.3
MPL	76.5	69.9	10.	69.5
STD	3.8	3.2	12.	70.8
LEQ	67.2	61.7		
TMT	63.8	58.3		
L1	73.9	69.1		
L3	71.9	66.9		
L5	70.0	65.0		
L10	68.3	64.5		
L20	66.7	62.6		
L30	65.6	61.3		
L40	64.7	60.2		
L50	63.9	59.2		
L60	62.9	58.4		
L70	61.9	57.6		
L80	60.9	57.1		
L90	59.8	56.6		
L95	59.0	56.9		
L97	58.5	56.0		
L99	57.7	55.3		

FIGURE B-71(c). DAY/NIGHT NOISE DATA FOR NEW YORK CITY SITE 0205



L_{DN} :	71.6 dB
ρ :	76,900 $\frac{\text{people}}{\text{sq. mi.}}$

SITE: 0207
 Address: 204 W. 136th St.
 New York, N.Y.
 Microphone Height: 6.1 m.
 Distance to Curb: 4.3 m.

ROADWAY TYPE
 At Site: Local
 Vicinity: Arterial

TRAFFIC
 At Site: Cars, Trucks
 Vicinity: Cars, Trucks

OTHER NOISE SOURCES:

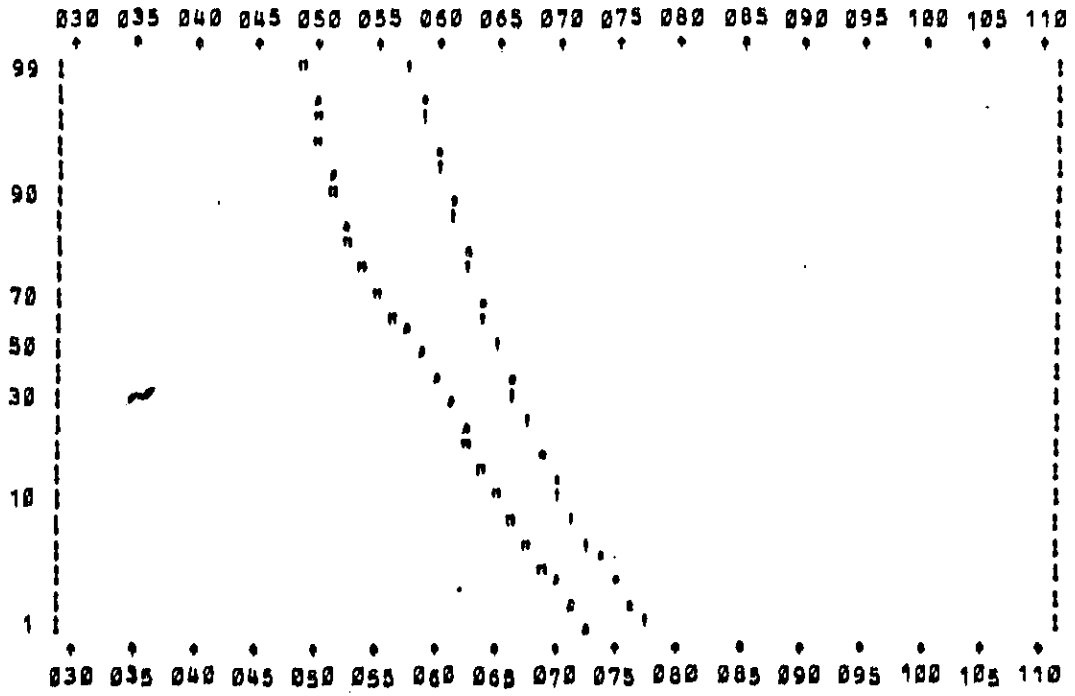
FIGURE 3-72(a). DESCRIPTION OF NEW YORK CITY SITE 0207

SITE # 207											
HR	MAX	MIN	NPL	SIG	LEQ	TNZ	L1	L3	L5	L10	L20
1	86.3	50.0	76.5	4.5	65.0	73.2	74.3	71.8	70.4	68.3	65.9
2	80.0	48.8	72.1	4.5	60.7	67.6	69.9	67.2	65.7	63.6	61.5
3	83.8	47.5	69.7	4.2	58.9	63.0	68.1	65.0	63.4	61.5	59.5
4	96.3	47.5	78.8	5.1	65.8	67.0	74.0	66.6	64.4	62.2	59.7
5	83.8	47.5	68.6	4.3	57.6	63.1	66.8	63.9	62.5	60.7	58.3
6	77.5	47.5	71.0	4.6	59.2	66.6	69.4	66.2	64.4	62.3	59.9
7	91.3	48.8	76.4	5.2	63.1	76.0	72.8	69.7	68.0	65.8	63.3
8	87.5	51.3	79.0	4.7	67.1	75.7	76.3	73.7	72.3	70.0	67.8
9	93.8	52.5	87.0	5.9	72.0	89.4	84.1	80.2	77.9	74.6	70.7
10	88.8	52.5	76.0	3.8	66.1	67.7	74.4	71.5	70.4	68.7	66.9
11	83.8	57.5	79.6	4.4	68.3	72.9	79.0	76.2	74.4	70.9	68.2
12	100.0	57.5	81.1	4.3	70.1	73.7	79.3	76.1	74.5	72.0	69.3
13	106.2	56.3	85.2	4.2	74.3	71.6	79.6	75.6	74.1	71.7	68.9
14	92.5	57.5	78.0	3.7	68.5	67.3	77.5	74.4	72.9	70.6	68.2
15	97.5	57.5	78.5	3.8	68.8	67.9	77.0	73.6	72.3	70.4	68.3
16	93.8	56.3	76.7	3.5	67.7	65.5	76.4	73.1	71.8	69.9	68.0
17	88.8	57.5	77.1	3.6	67.8	67.6	76.5	74.0	72.5	70.5	68.5
18	95.0	56.3	78.5	3.7	69.0	68.4	77.0	74.5	73.2	71.2	69.2
19	96.3	56.3	79.2	3.8	69.4	69.0	78.1	74.7	73.4	71.5	69.4
20	88.8	56.3	75.1	3.3	66.7	64.0	74.8	72.4	71.2	69.4	67.4
21	91.3	56.3	76.3	3.2	68.0	62.9	76.0	73.6	72.1	70.2	68.5
22	87.5	55.0	77.3	3.8	67.5	65.6	78.4	72.9	71.0	69.3	67.5
23	97.5	53.8	78.0	4.0	67.7	64.5	77.2	71.3	69.7	67.4	65.3
24	87.5	51.3	77.2	4.7	65.3	74.3	75.1	72.3	70.8	68.4	65.8

HR	L30	L40	L50	L60	L70	L80	L90	L95	L97	L99
1	64.3	63.1	62.0	60.9	59.8	58.5	56.7	55.5	54.9	53.8
2	60.0	58.8	57.6	56.4	55.0	53.7	52.2	51.3	50.8	50.2
3	58.1	56.8	55.6	54.4	53.2	52.1	51.0	50.4	50.1	49.3
4	58.1	56.7	55.3	54.0	52.9	51.7	50.6	50.1	49.7	49.0
5	56.6	55.1	53.7	52.5	51.5	50.7	49.8	49.3	49.0	48.8
6	58.0	56.3	54.8	53.6	52.6	51.8	50.8	50.3	50.1	49.3
7	61.7	60.1	58.6	57.1	55.5	53.9	52.4	51.6	51.2	50.3
8	66.2	64.9	63.8	62.8	61.6	60.3	58.2	56.7	55.9	54.5
9	68.5	66.9	65.5	64.4	63.2	61.7	59.6	58.1	57.3	56.0
10	65.5	64.5	63.6	62.7	61.8	60.6	59.0	57.8	57.0	56.0
11	66.3	65.2	64.3	63.3	62.3	61.3	60.2	59.5	59.2	58.8
12	67.7	66.5	65.5	64.6	63.7	62.7	61.4	60.5	60.1	59.2
13	67.4	66.3	65.5	64.7	63.9	63.0	61.8	60.9	60.3	59.4
14	66.8	65.8	65.0	64.3	63.6	62.8	61.7	61.0	60.4	59.6
15	66.9	65.9	64.9	64.1	63.2	62.4	61.3	60.4	60.0	59.0
16	66.7	65.7	64.9	64.2	63.4	62.6	61.4	60.6	60.2	59.2
17	67.2	66.2	65.3	64.5	63.7	62.7	61.5	60.6	60.1	59.2
18	67.9	66.9	66.0	65.2	64.3	63.4	62.2	61.2	60.5	59.3
19	68.0	67.0	66.1	65.3	64.4	63.5	62.3	61.4	60.6	59.4
20	66.2	65.4	64.7	64.0	63.2	62.4	61.2	60.2	59.6	58.9
21	67.5	66.8	66.1	65.4	64.7	63.8	62.6	61.5	60.8	59.7
22	66.4	65.4	64.5	63.7	62.8	61.8	60.5	59.4	58.9	57.8
23	63.9	63.0	62.2	61.4	60.5	59.5	58.3	57.5	56.9	56.2
24	64.0	62.8	61.5	60.5	59.5	58.6	56.5	55.4	54.9	54.0

FIGURE B-72(b). HOURLY NOISE DATA FOR NEW YORK CITY SITE 0207

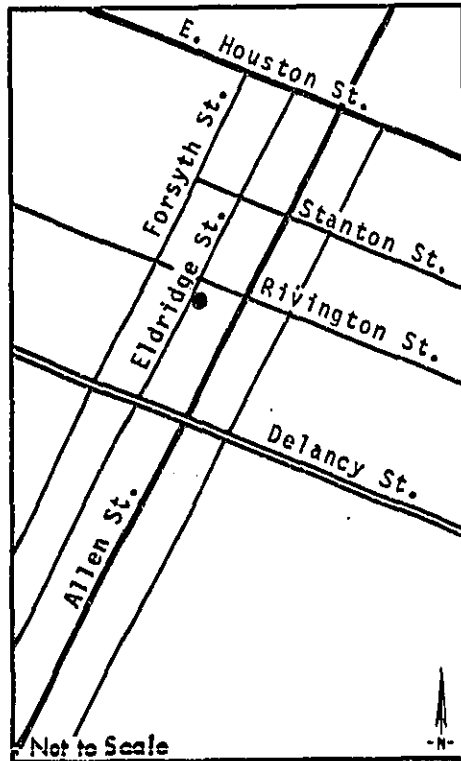
SITE # 207



CUMULATIVE DISTRIBUTION

	DAY "L"	NIGHT "N"	WEIGHTING	WEIGHTED LEQ
MAX	106.2	97.5	0.	68.0
MIN	51.3	47.5	8.	70.5
NPL	79.9	77.8	10.	71.6
SIG	4.1	5.5	12.	73.0
LEQ	69.4	63.0		
TWE	69.9	77.4		
L1	78.3	73.0		
L3	74.6	69.6		
L5	73.0	67.8		
L10	70.7	65.5		
L20	68.5	63.0		
L30	67.1	61.3		
L40	66.0	59.8		
L50	65.1	58.3		
L60	64.3	56.8		
L70	63.4	55.1		
L80	62.4	53.3		
L90	61.0	51.5		
L95	59.9	50.5		
L97	59.0	50.1		
L99	57.3	49.3		

FIGURE B-72(c). DAY/NIGHT NOISE DATA FOR NEW YORK CITY SITE 0207



L_{DN} : 72.2 dB
 ρ : 72,500 $\frac{\text{people}}{\text{sq. mi.}}$

SITE: 0208
 Address: 184 Eldridge St.
 New York, N.Y.
 Microphone Height: 15.2 m.
 Distance to Curb: 3.6 m.

ROADWAY TYPE
 At Site: Collector
 Vicinity: Arterial

TRAFFIC
 At Site: Cars, Trucks
 Vicinity: Cars, Trucks

OTHER NOISE SOURCES:

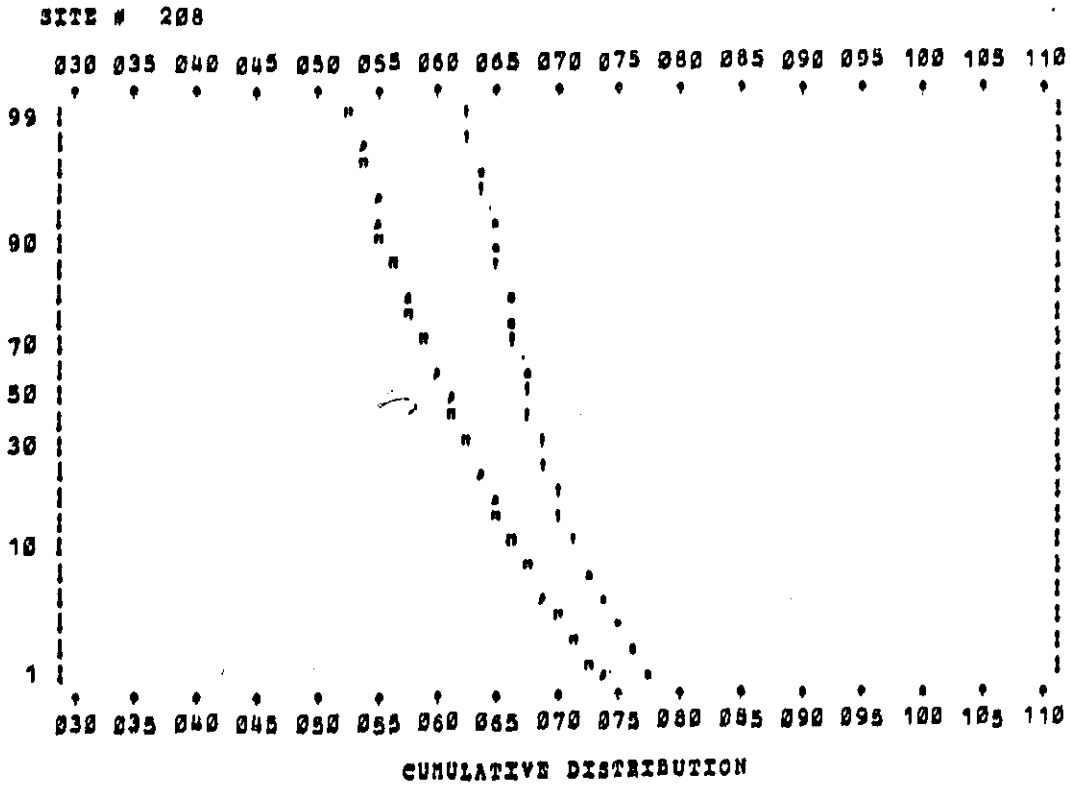
FIGURE B-73(a). DESCRIPTION OF NEW YORK CITY SITE 0208

SITE # 208

HR	MAX	MIN	NPL	SIG	LEQ	TNI	L1	L3	L5	L10	L20
1	88.8	56.3	74.1	3.3	65.7	55.3	77.9	89.9	68.2	66.0	64.4
2	92.5	55.0	70.7	2.9	63.2	51.8	70.2	67.3	65.8	63.6	61.7
3	86.3	52.5	73.4	3.8	63.6	57.6	75.2	71.3	68.1	64.5	61.7
4	86.3	51.3	75.7	4.7	63.7	63.4	76.8	69.8	67.4	63.8	60.6
5	81.3	51.3	66.7	3.2	58.6	51.1	67.4	64.5	62.8	60.4	58.4
6	85.0	52.5	68.7	2.8	61.5	54.6	68.5	66.1	65.0	63.7	62.2
7	88.0	57.5	72.4	2.9	64.9	59.4	72.4	70.2	69.0	67.5	66.0
8	87.5	58.8	78.6	3.9	68.7	70.6	77.4	75.6	74.2	71.7	69.5
9	92.5	60.0	75.7	2.9	68.3	60.3	76.8	73.7	72.2	70.4	68.6
10	88.8	61.3	77.9	3.1	70.0	64.3	78.0	75.4	74.0	72.4	70.6
11	91.3	61.3	79.0	3.3	70.5	65.5	79.0	76.8	75.0	72.7	70.6
12	88.8	61.3	76.2	2.6	69.4	59.1	77.5	74.5	73.1	71.3	69.8
13	86.3	61.3	74.9	2.7	68.1	57.6	76.6	73.5	71.9	70.0	68.5
14	90.0	61.3	75.3	2.7	68.3	58.9	76.3	73.4	71.9	70.2	68.7
15	83.8	61.3	73.4	2.2	67.7	56.1	74.1	72.1	71.1	69.8	68.6
16	87.5	62.5	76.5	2.6	69.7	60.4	77.4	74.3	73.2	71.8	70.4
17	91.3	61.3	78.2	2.9	70.7	61.9	79.9	76.0	74.4	72.4	70.9
18	91.3	62.5	75.5	2.5	69.2	59.5	76.0	73.8	72.9	71.4	69.9
19	85.0	61.3	74.5	2.3	68.7	57.3	75.2	73.0	72.1	70.8	69.6
20	86.3	63.8	75.5	2.2	69.9	57.9	76.2	74.3	73.3	72.0	70.7
21	90.0	63.8	76.4	2.4	70.3	58.3	77.3	74.6	73.5	72.1	70.8
22	90.0	62.5	79.2	3.1	71.2	61.8	82.0	76.6	74.5	72.3	70.8
23	91.3	60.0	76.8	3.2	68.7	62.6	77.0	73.5	72.2	70.4	68.5
24	91.3	57.5	72.5	2.7	65.5	53.9	72.0	69.2	68.0	66.2	64.7

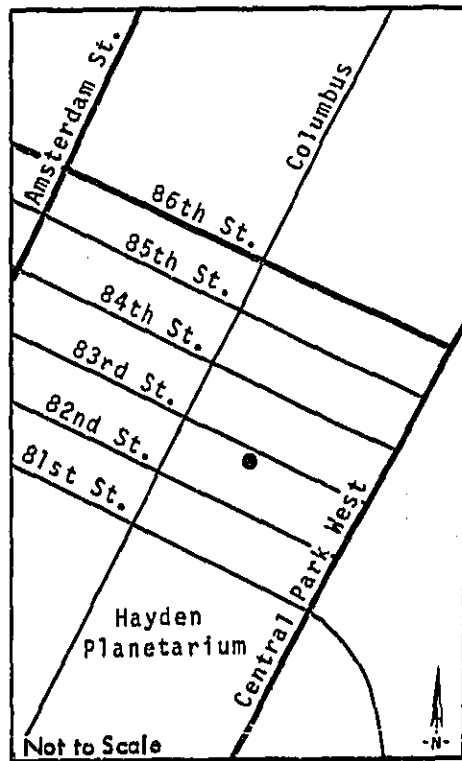
HR	L30	L40	L50	L60	L70	L80	L90	L95	L97	L99
1	63.4	62.7	62.1	61.6	61.0	60.4	59.6	59.0	58.8	57.9
2	60.7	60.0	59.5	59.0	58.5	58.0	57.5	56.9	56.6	56.2
3	60.3	59.5	58.8	58.4	58.0	57.5	56.8	56.5	56.3	55.5
4	58.9	57.7	56.6	55.8	55.1	54.5	53.9	53.3	53.0	52.6
5	57.2	56.2	55.6	55.0	54.5	54.1	53.5	53.0	52.8	52.6
6	61.3	60.7	60.2	59.6	58.9	58.0	56.7	55.8	55.2	54.2
7	64.8	63.9	63.2	62.5	61.8	61.1	60.3	59.6	59.3	58.9
8	68.1	66.8	65.7	64.8	63.9	63.0	62.0	61.4	60.9	60.3
9	67.5	66.8	66.2	65.6	65.1	64.4	63.8	63.1	62.8	62.5
10	69.5	68.7	68.1	67.4	66.7	65.9	65.1	64.3	64.0	63.2
11	69.4	68.5	67.8	67.1	66.5	65.9	65.1	64.4	64.0	63.3
12	68.9	68.3	67.7	67.2	66.7	66.2	65.4	64.8	64.3	63.8
13	67.5	66.9	66.3	65.8	65.3	64.8	64.1	63.7	63.2	62.7
14	67.8	67.1	66.5	65.9	65.4	64.7	64.0	63.4	63.0	62.6
15	67.7	67.1	66.6	66.1	65.6	65.1	64.4	64.0	63.8	63.1
16	69.6	68.8	68.3	67.7	67.1	66.5	65.6	65.0	64.5	63.9
17	69.9	69.3	68.7	68.1	67.5	66.8	65.9	65.2	64.9	64.0
18	69.0	68.3	67.7	67.2	66.7	66.2	65.4	65.0	64.6	64.0
19	68.7	68.2	67.7	67.1	66.6	66.1	65.3	64.8	64.3	63.9
20	69.8	69.3	68.7	68.3	67.9	67.4	66.7	66.3	66.0	65.3
21	70.0	69.4	68.9	68.4	67.9	67.4	66.7	66.3	65.9	65.3
22	69.8	69.2	68.5	67.9	67.3	66.7	65.8	65.3	65.1	64.2
23	67.4	66.7	66.1	65.5	64.8	64.0	63.0	62.2	61.8	61.4
24	63.7	63.1	62.6	62.1	61.6	61.0	60.3	60.0	59.5	58.9

FIGURE B-73(b). HOURLY NOISE DATA FOR NEW YORK CITY SITE 0208



	DAY "d"	NIGHT "n"	WEIGHTING	WEIGHTED LEQ
MAX	92.5	92.5	8.	68.3
MIN	58.8	51.3	8.	71.0
NPL	77.1	76.0	10.	72.2
SIG	3.8	4.8	12.	73.6
LEQ	69.5	64.7		
THI	62.2	70.4		
L1	77.8	73.8		
L3	74.7	72.1		
L5	73.3	68.8		
L10	71.8	66.8		
L20	70.0	64.8		
L30	69.1	63.1		
L40	68.4	62.0		
L50	67.7	60.9		
L60	67.1	59.9		
L70	66.4	58.8		
L80	65.7	57.6		
L90	64.7	55.5		
L95	63.9	54.4		
L97	63.4	53.9		
L99	62.4	53.0		

FIGURE B-73(e). DAY/NIGHT NOISE DATA FOR NEW YORK CITY SITE 0208



L _{DN} :	71.1	dB
ρ :	87,200	$\frac{\text{people}}{\text{sq. mi.}}$

SITE: 0209

Address: 32 W. 82nd
New York, N.Y.

Microphone Height: 6.1 m.

Distance to Curb: 3.6 m.

ROADWAY TYPE

At Site: Collector

Vicinity: Arterial

TRAFFIC

At Site: Cars, Trucks

Vicinity: Cars, Trucks

OTHER NOISE SOURCES:

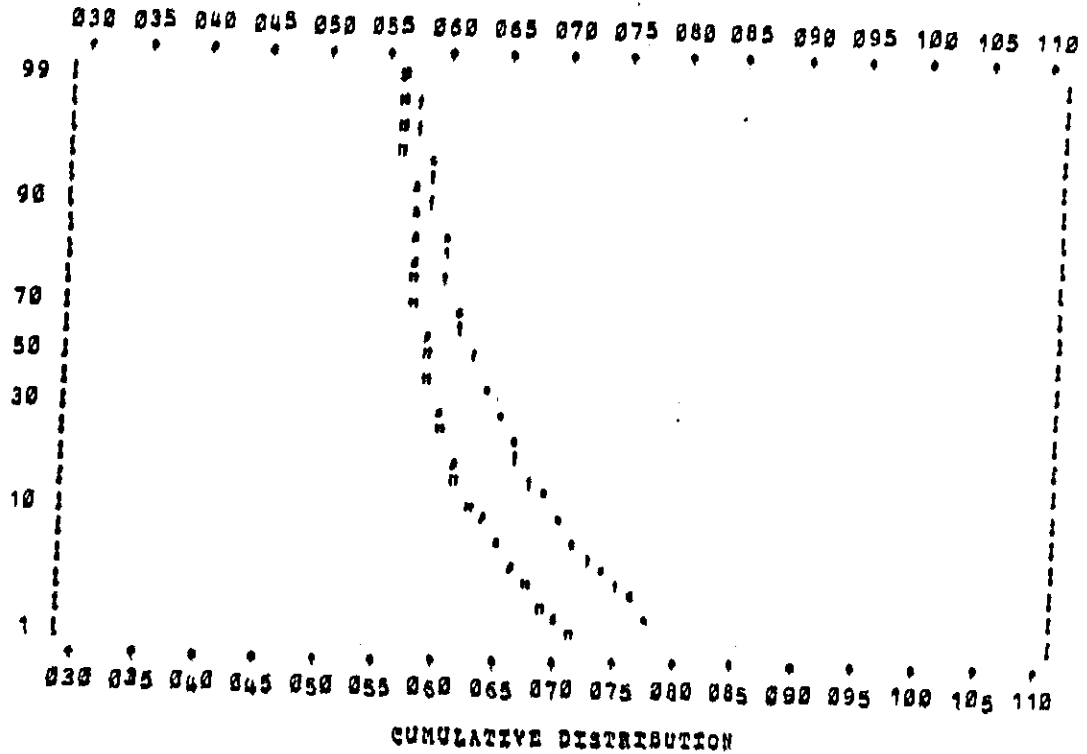
FIGURE B-74(a). DESCRIPTION OF NEW YORK CITY SITE 0209

SITE # 209											
HR	MAX	MIN	NPL	SIG	LEQ	THI	L1	L3	L5	L10	L20
1	87.5	56.3	68.5	2.5	62.1	45.4	71.0	66.8	64.7	62.4	60.9
2	77.5	56.3	67.9	2.6	61.2	44.0	71.7	67.8	65.2	61.8	59.9
3	88.0	56.3	65.8	2.0	60.7	38.4	68.5	63.9	62.3	60.4	59.7
4	80.0	55.0	65.9	2.4	59.0	37.2	71.2	64.1	61.3	59.1	58.4
5	78.0	55.0	68.2	3.0	60.5	58.2	68.8	66.2	65.7	64.4	59.5
6	82.5	55.0	65.5	2.3	59.6	46.3	66.8	64.5	63.4	61.5	59.3
7	85.0	55.0	68.7	2.9	61.3	48.3	70.9	66.8	64.7	62.0	60.0
8	88.8	55.0	71.7	3.4	63.2	60.2	71.8	69.3	67.8	65.8	63.6
9	92.5	55.0	77.4	4.4	66.3	70.7	75.7	72.5	71.0	68.7	66.3
10	102.5	55.0	84.6	4.6	72.7	67.1	80.0	75.0	72.1	68.5	65.6
11	98.3	55.0	90.2	7.0	72.3	102.0	80.8	78.5	77.0	77.0	75.2
12	96.3	56.3	93.5	6.7	76.2	91.2	92.0	81.7	77.6	74.4	69.4
13	91.3	56.3	83.2	5.3	69.7	78.8	81.3	77.8	75.8	71.5	67.8
14	93.8	56.3	74.3	3.7	64.9	64.2	74.1	71.8	70.1	67.5	64.9
15	81.3	61.3	69.7	1.8	65.2	49.3	71.0	68.6	67.9	67.0	65.7
16	92.5	56.3	74.0	3.2	65.7	60.9	73.7	70.9	69.4	67.4	65.6
17	100.0	57.5	76.5	3.7	67.0	66.5	75.5	72.7	71.3	69.2	66.7
18	92.5	57.5	77.8	4.0	67.5	70.8	76.1	73.7	72.5	70.5	67.8
19	96.3	57.5	80.0	4.0	69.7	69.1	78.1	74.3	72.5	70.4	68.1
20	90.0	57.5	74.5	3.4	65.0	62.2	74.5	71.4	70.0	68.1	66.1
21	90.0	58.0	77.3	3.8	67.5	63.3	78.5	73.3	71.1	68.7	66.2
22	97.5	57.5	76.7	3.4	68.1	54.4	75.7	70.1	68.2	65.6	63.3
23	93.8	57.5	74.9	3.5	66.0	56.5	76.5	71.0	68.6	66.0	63.5
24	91.3	56.3	76.2	3.9	66.1	59.4	77.6	72.0	69.7	66.4	63.1

HR	L30	L40	L50	L60	L70	L80	L90	L95	L97	L99
1	60.0	59.7	59.5	59.2	59.0	58.7	58.1	57.8	57.7	57.6
2	59.6	59.2	58.9	58.6	58.3	58.0	57.8	57.6	57.6	57.5
3	59.4	59.0	58.7	58.5	58.2	58.0	57.7	57.6	57.6	57.5
4	58.0	57.6	57.4	57.1	56.9	56.7	56.5	56.4	56.3	56.3
5	58.5	58.1	57.7	57.4	57.1	56.8	56.5	56.4	56.3	56.3
6	58.5	58.2	57.8	57.5	57.1	56.8	56.5	56.4	56.3	56.3
7	59.1	58.5	58.1	57.7	57.3	57.0	56.6	56.4	56.3	56.3
8	62.3	61.2	60.4	59.7	59.0	58.3	57.7	57.1	56.7	56.4
9	64.5	63.1	61.8	60.7	59.7	58.9	58.0	57.6	57.1	56.5
10	64.0	62.8	61.9	61.1	60.5	59.9	59.0	58.1	57.4	56.5
11	68.2	65.4	63.5	62.1	60.9	59.7	58.4	57.7	57.2	56.5
12	67.5	65.9	63.5	61.9	60.6	59.6	58.8	58.1	57.8	57.5
13	65.6	64.0	62.8	61.8	60.9	60.0	59.1	58.4	58.0	57.6
14	63.5	62.3	61.5	60.7	60.1	59.4	58.6	58.0	57.7	57.4
15	64.9	64.6	64.3	63.9	63.6	63.2	62.9	62.7	62.6	62.5
16	64.6	63.9	63.3	62.7	61.9	60.8	59.5	58.9	58.6	57.9
17	65.0	64.0	63.2	62.4	61.6	60.8	60.1	59.4	59.1	58.8
18	65.9	64.6	63.6	62.7	62.0	61.2	60.4	60.0	59.5	59.0
19	66.6	65.5	64.5	63.5	62.6	61.8	60.8	60.3	60.1	59.3
20	64.9	63.9	63.0	62.2	61.5	60.8	60.1	59.4	59.1	58.9
21	64.7	63.7	62.9	62.2	61.7	61.1	60.4	60.1	59.9	59.1
22	62.2	61.5	61.0	60.7	60.3	60.0	59.3	59.0	58.9	58.8
23	62.3	61.4	60.9	60.5	60.1	59.7	59.2	59.0	58.9	58.8
24	61.3	60.5	59.9	59.6	59.4	59.1	58.8	58.2	57.9	57.6

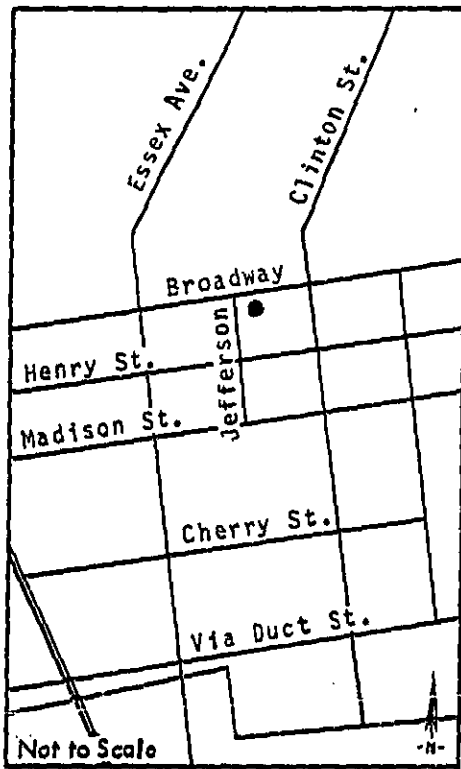
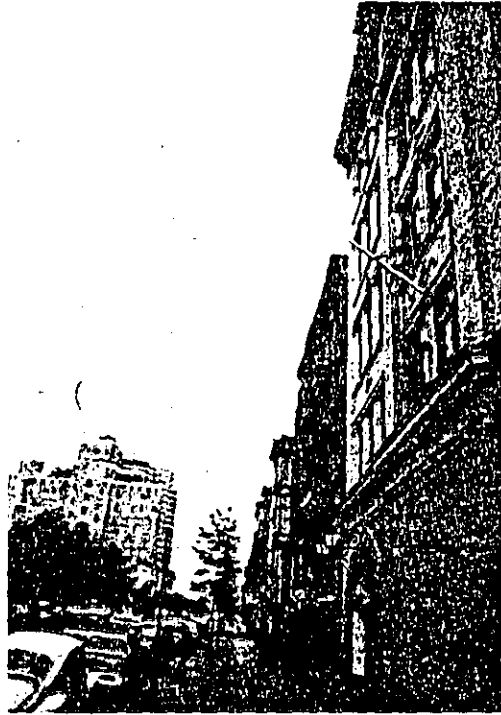
FIGURE B-74(b). HOURLY NOISE DATA FOR NEW YORK CITY SITE 0209

SITE # 209



	DAY (%)	NIGHT (%)	WEIGHTING	WEIGHTED L50
MAX	102.5	93.8		
MIN	55.0	55.0	0.	68.3
NPL	61.8	70.6	8.	70.2
ST0	4.7	3.1	10.	71.1
L50	69.8	62.6	12.	72.3
THI	71.1	52.2		
L1	78.7	72.3		
L3	75.8	67.7		
L5	73.0	65.8		
L10	69.6	63.2		
L20	66.6	60.8		
L30	64.9	59.8		
L40	63.6	59.3		
L50	62.6	58.8		
L60	61.7	58.4		
L70	60.9	57.9		
L80	60.1	57.5		
L90	59.1	56.9		
L95	58.3	56.6		
L97	57.6	56.4		
L99	57.0	56.3		

FIGURE B-74(c). DAY/NIGHT NOISE DATA FOR NEW YORK CITY SITE 0209



L_{DN} : 71.5 dB
 ρ : 72,500 $\frac{\text{people}}{\text{sq. mi.}}$

SITE: 0211
 Address: 197 E. Broadway
 New York, N.Y.
 Microphone Height: 11.0 m.
 Distance to Curb: 4.3 m.

ROADWAY TYPE
 At Site: Local
 Vicinity: Collector

TRAFFIC
 At Site: Cars, Trucks
 Vicinity: Cars, Trucks

OTHER NOISE SOURCES:

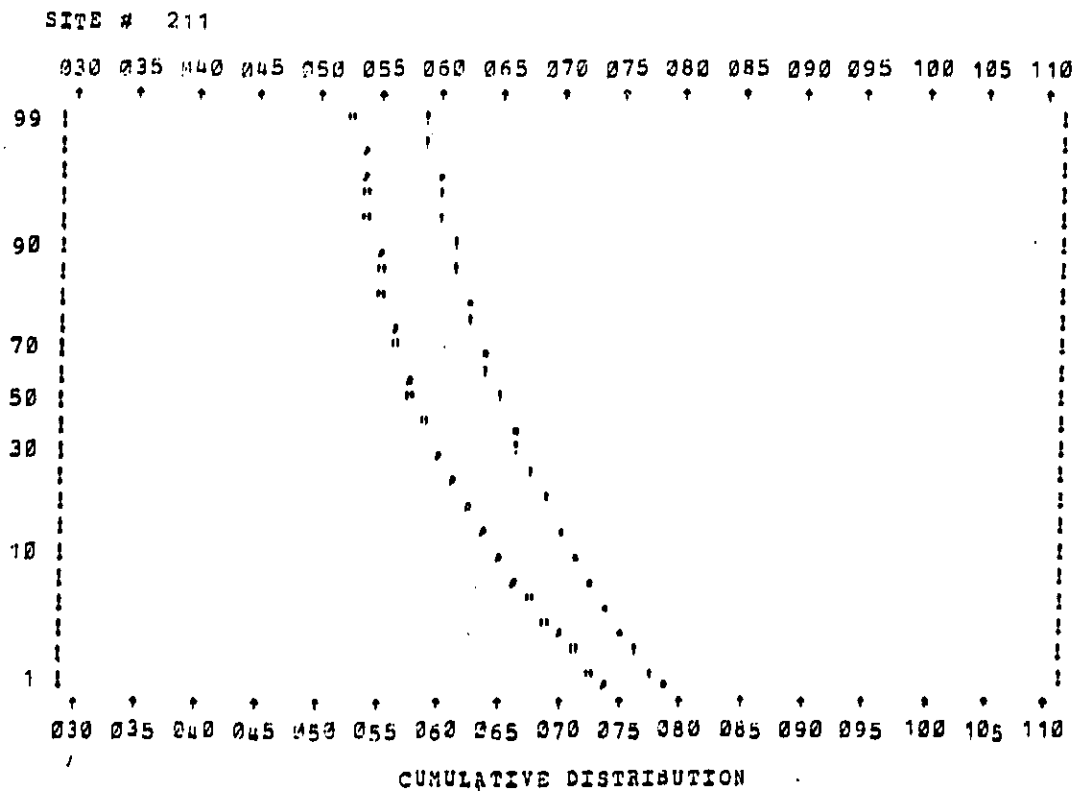
FIGURE B-75(a). DESCRIPTION OF NEW YORK CITY SITE 0211

SITE # 211

HR	MAX	MIN	NPL	SIG	LEQ	TNI	L1	L3	L5	L10	L20
1	88.8	52.5	73.6	4.2	63.0	63.7	73.7	69.3	67.4	64.8	61.7
2	81.3	51.3	67.4	3.1	59.4	51.0	68.6	65.2	63.2	60.9	58.7
3	82.5	51.3	68.6	3.4	59.8	52.5	69.8	66.0	63.9	61.0	58.6
4	80.0	51.3	67.3	3.1	59.1	47.3	70.4	64.1	62.1	59.8	58.1
5	80.0	51.3	67.3	3.2	59.1	51.5	68.8	64.8	63.0	60.8	58.6
6	91.3	52.5	75.1	4.1	64.5	61.1	74.8	70.7	68.0	64.5	61.8
7	90.0	53.8	80.9	5.0	68.1	73.5	80.8	75.4	72.7	69.3	66.0
8	92.5	56.3	80.2	4.3	69.1	71.3	79.8	75.5	73.3	70.9	68.2
9	105.0	60.0	85.9	4.3	75.0	73.0	83.9	79.1	77.0	74.3	72.0
10	92.5	58.8	77.8	3.3	69.4	64.6	78.6	74.9	73.5	71.6	69.7
11	86.3	56.8	80.4	4.1	69.9	75.3	78.5	75.3	74.5	73.5	72.5
12	88.8	58.8	78.7	3.6	69.4	67.3	79.6	75.7	73.9	71.7	69.4
13	102.5	58.8	82.3	3.9	72.4	65.0	79.9	74.9	72.8	70.3	68.2
14	85.0	58.8	76.5	3.4	68.0	63.8	78.2	74.0	72.3	70.4	68.3
15	91.3	58.8	77.4	3.4	68.6	63.4	79.0	74.6	72.7	70.4	68.4
16	96.3	58.8	77.2	3.4	68.5	62.9	78.7	74.7	72.8	70.3	68.2
17											
18	91.3	57.5	76.4	3.5	67.6	64.0	77.0	73.6	71.8	69.8	67.6
19	92.5	56.3	76.9	3.8	67.2	65.1	78.0	72.7	70.9	69.0	67.1
20	85.0	56.3	74.4	3.4	65.6	62.6	75.1	72.0	70.5	68.2	66.0
21	87.5	56.3	75.4	3.6	66.1	63.7	76.0	71.7	70.0	68.2	66.0
22	91.3	55.0	77.4	4.1	66.8	67.3	77.1	73.2	71.3	68.6	66.1
23	87.5	53.8	72.4	3.5	63.5	61.7	72.8	69.6	68.2	66.2	63.8
24	92.5	53.8	75.1	4.0	64.8	64.4	74.8	70.6	68.7	66.5	63.9

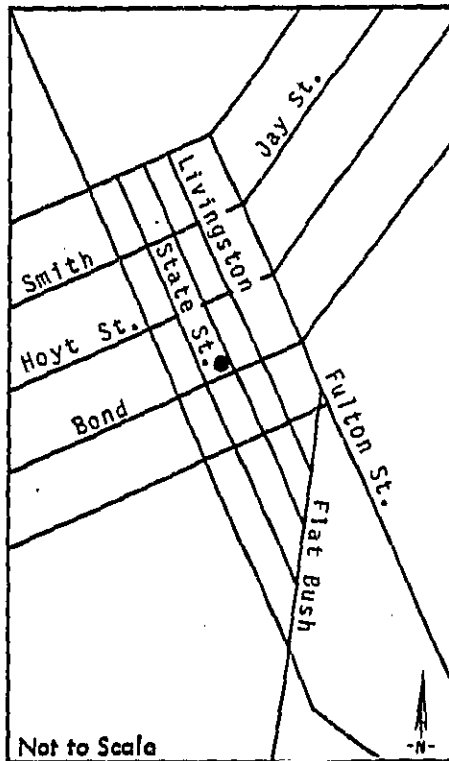
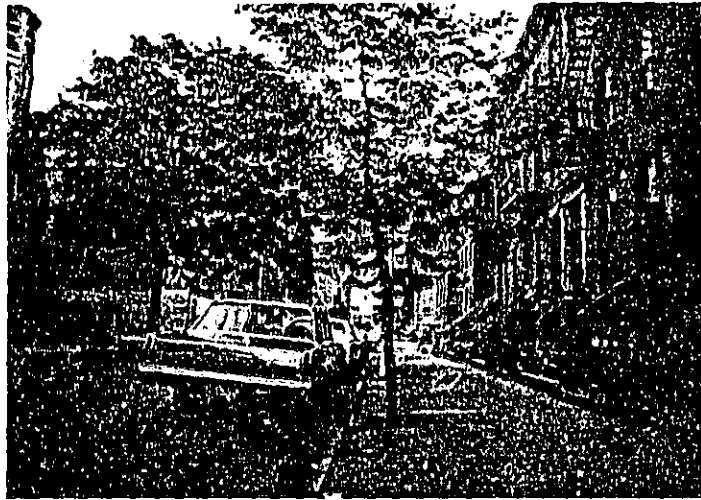
HR	L30	L42	L50	L63	L70	L80	L90	L95	L97	L99
1	59.9	58.7	57.9	57.1	56.5	55.9	55.2	54.5	54.1	53.8
2	57.6	57.0	56.4	55.9	55.5	55.0	54.2	53.8	53.3	52.8
3	57.4	56.7	56.0	55.5	54.9	54.4	53.8	53.2	52.9	52.6
4	57.1	56.4	55.9	55.4	55.0	54.5	53.9	53.4	53.0	52.6
5	57.4	56.6	56.0	55.5	55.0	54.4	53.9	53.4	53.0	52.6
6	60.5	59.5	58.7	58.0	57.3	56.6	55.7	55.1	54.7	54.0
7	63.8	62.5	61.4	60.5	59.7	58.9	57.9	57.3	56.8	56.3
8	66.6	65.4	64.3	63.4	62.7	61.8	60.8	60.1	59.5	58.8
9	70.6	69.5	68.5	67.6	66.8	65.8	64.7	63.9	63.3	62.6
10	68.6	67.8	67.1	66.4	65.7	65.0	64.0	63.1	62.7	61.8
11	69.5	67.8	66.7	65.7	64.9	64.0	62.9	62.2	61.7	61.2
12	68.1	67.2	66.4	65.7	65.0	64.2	63.1	62.4	61.8	61.0
13	67.0	66.0	65.1	64.4	63.7	63.0	62.1	61.5	61.2	60.3
14	67.0	66.0	65.3	64.6	64.0	63.3	62.6	61.9	61.6	61.3
15	67.2	66.3	65.6	64.9	64.2	63.6	62.8	62.1	61.7	61.2
16	67.1	66.2	65.5	64.8	64.2	63.5	62.7	62.1	61.7	61.3
17										
18	66.4	65.5	64.7	64.0	63.3	62.6	61.7	61.0	60.4	59.7
19	65.7	64.7	63.7	62.8	62.0	61.2	60.2	59.5	59.1	58.8
20	64.6	63.6	62.8	62.1	61.5	60.8	60.0	59.3	59.0	58.6
21	64.6	63.6	62.8	62.0	61.3	60.5	59.7	59.0	58.8	58.0
22	64.6	63.4	62.4	61.5	60.7	60.0	59.1	58.4	57.9	57.5
23	62.3	61.3	60.5	59.8	59.2	58.5	57.7	57.1	56.7	56.3
24	62.3	61.1	60.1	59.4	58.6	58.0	57.1	56.6	56.3	55.5

FIGURE B-75(b). HOURLY NOISE DATA FOR NEW YORK CITY SITE 0211



	DAY "L"	NIGHT "N",	WEIGHTING	WEIGHTED LEQ
MAX	105.0	92.5	0.	68.2
MIN	55.0	51.3	8.	70.4
NPL	80.1	74.6	10.	71.5
SIG	4.1	4.4	12.	72.8
LEQ	69.6	63.5		
TNI	70.5	65.3		
L1	78.8	74.1		
L3	74.9	69.5		
L5	73.4	67.5		
L10	71.1	64.7		
L20	68.6	61.9		
L30	67.2	60.3		
L40	66.1	59.1		
L50	65.2	58.1		
L60	64.3	57.2		
L70	63.4	56.4		
L80	62.5	55.5		
L90	61.2	54.6		
L95	60.2	54.0		
L97	59.6	53.7		
L99	58.8	52.9		

FIGURE B-75(c). DAY/NIGHT NOISE DATA FOR NEW YORK CITY SITE 0211



L_{DN} :	68.0 dB
ρ :	37,500 $\frac{\text{people}}{\text{sq. mi.}}$

SITE: 0212
 Address: 378 State St.
 Brooklyn, N.Y.
 Microphone Height: 4.6 m.
 Distance to Curb: 4.3 m.

ROADWAY TYPE
 At Site: Local
 Vicinity: Collector

TRAFFIC
 At Site: Cars, Trucks
 Vicinity: Cars, Trucks

OTHER NOISE SOURCES:

FIGURE B-76(a). DESCRIPTION OF NEW YORK CITY SITE 0212

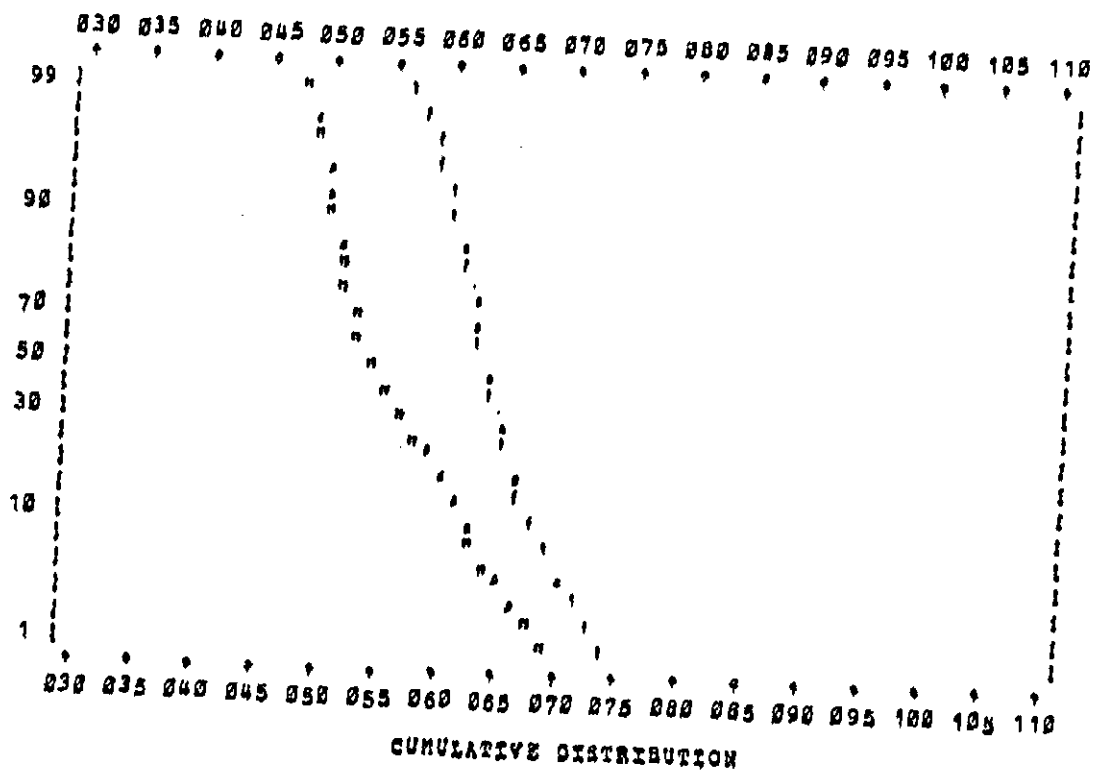
SITE # 212

HR	MAX	MIN	NP1	SIG	LEO	TNI	L1	L3	L5	L10	L20
1	75.0	46.3	63.8	3.1	55.9	46.5	60.4	61.9	59.8	57.4	55.4
2	80.0	46.3	67.1	3.8	57.5	49.3	70.1	64.5	61.4	57.7	55.0
3	81.3	45.0	62.4	2.9	55.0	42.6	64.1	59.6	57.5	55.7	54.2
4	81.3	46.3	66.3	3.7	57.0	49.0	68.9	61.5	59.2	56.8	54.4
5	81.3	45.0	75.3	5.7	60.7	71.0	75.3	68.6	66.1	61.4	56.2
6	88.0	47.5	69.5	3.8	59.9	56.7	68.4	63.2	62.0	60.5	58.9
7	81.3	48.8	68.9	3.8	59.1	59.8	68.6	65.8	64.3	61.9	59.3
8	85.0	52.5	75.0	4.3	64.1	63.4	76.0	71.3	68.3	65.3	63.2
9	86.3	56.3	75.1	3.6	63.8	62.6	76.7	71.9	70.0	68.0	65.5
10	90.0	57.5	76.5	3.8	66.8	63.9	77.0	73.7	72.3	68.6	65.7
11	97.5	57.5	76.3	3.5	67.4	64.5	76.2	73.2	71.7	69.6	67.1
12	88.8	57.5	73.5	2.8	66.3	58.4	73.8	70.8	69.7	68.3	66.6
13	91.3	60.0	74.3	2.6	67.6	54.6	76.1	71.4	70.0	68.5	67.1
14	92.5	60.0	72.8	2.4	66.7	55.0	73.5	71.2	70.2	68.5	67.0
15	91.3	57.5	74.0	3.0	66.2	61.0	74.1	71.9	70.7	68.7	66.9
16	96.3	58.8	72.8	2.7	66.0	55.7	73.1	70.4	69.2	67.6	66.0
17	90.0	58.8	73.2	2.7	66.3	55.9	74.0	70.7	69.5	67.8	66.2
18	105.0	58.8	75.3	3.2	67.1	60.8	75.0	72.2	70.6	68.4	66.4
19	88.8	57.5	71.7	2.8	64.5	55.0	72.6	69.6	68.3	66.3	64.4
20	83.8	60.0	72.3	2.6	65.5	53.8	74.2	71.5	69.5	67.2	65.1
21	90.0	60.0	71.8	2.5	65.4	53.1	73.5	70.1	68.8	67.0	65.2
22	90.0	58.8	69.7	2.1	64.5	48.0	71.1	68.2	67.1	65.6	64.4
23	92.5	53.8	72.5	2.9	65.1	52.1	72.2	69.2	67.6	65.6	63.8
24	88.8	51.3	68.9	3.5	59.9	54.7	69.7	66.4	64.7	61.6	59.0

HR	L30	L40	L50	L60	L70	L80	L90	L95	L97	L99
1	54.4	53.7	53.2	52.7	52.2	51.7	51.0	50.3	50.0	49.0
2	54.0	53.3	52.8	52.3	51.8	51.3	50.5	50.0	49.5	48.8
3	53.3	52.7	52.2	51.7	51.3	50.7	50.0	49.3	48.9	48.0
4	53.3	52.5	51.9	51.3	50.7	50.2	49.4	48.9	48.7	47.8
5	53.7	52.3	51.4	50.7	50.0	49.2	48.3	47.8	47.6	46.9
6	57.7	56.7	55.8	54.9	54.0	53.0	51.8	50.9	50.4	49.5
7	57.8	56.7	55.8	55.0	54.2	53.4	52.5	51.8	51.4	50.7
8	61.9	60.8	59.6	58.6	57.8	56.9	55.9	55.3	55.0	54.1
9	63.9	62.9	62.1	61.5	60.9	60.4	59.8	59.2	59.0	58.5
10	64.3	63.4	62.6	62.0	61.4	60.8	60.2	59.6	59.2	58.9
11	65.6	64.7	64.0	63.3	62.7	62.1	61.3	60.6	60.3	59.9
12	65.5	64.7	64.1	63.6	63.0	62.5	61.6	61.0	60.5	60.1
13	66.2	65.7	65.1	64.7	64.3	63.8	63.1	62.7	62.5	61.7
14	66.1	65.6	65.1	64.6	64.2	63.8	63.0	62.6	62.4	61.6
15	65.8	64.9	64.3	63.7	63.0	62.2	61.3	60.5	60.2	59.5
16	64.9	64.2	63.6	63.2	62.7	62.1	61.5	61.1	60.7	60.2
17	65.3	64.6	63.9	63.4	63.0	62.5	61.8	61.4	61.3	60.5
18	65.2	64.3	63.5	62.9	62.3	61.7	60.9	60.4	60.2	59.6
19	63.4	62.6	62.1	61.6	61.1	60.6	60.1	59.6	59.2	58.9
20	64.4	63.8	63.4	63.1	62.7	62.3	61.7	61.4	61.3	60.7
21	64.4	63.7	63.4	63.0	62.6	62.2	61.7	61.4	61.3	60.6
22	63.6	63.3	62.9	62.6	62.2	61.8	61.5	61.3	60.8	60.3
23	63.0	62.4	62.0	61.7	61.3	60.7	60.1	59.8	59.2	58.8
24	57.7	56.9	56.2	55.7	55.2	54.6	53.9	53.3	53.0	52.6

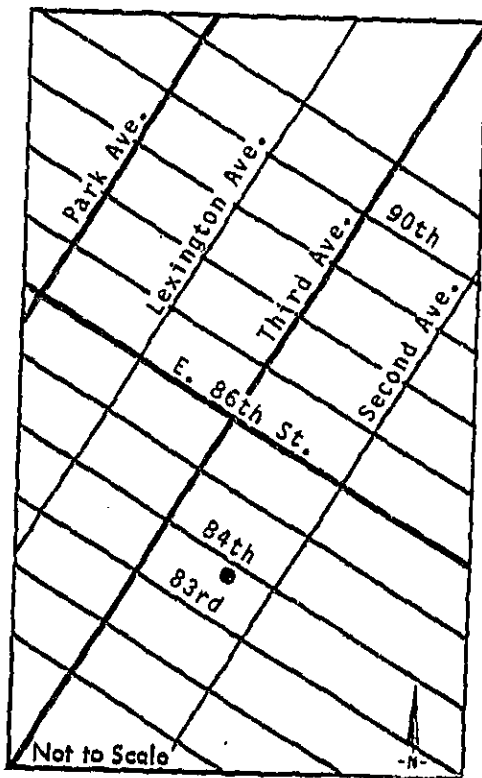
FIGURE B-76(b). HOURLY NOISE DATA FOR NEW YORK CITY SITE 0212

SITE # 212



	DAY	NIGHT	WEIGHTING	WEIGHTED LEQ
MAX	105.0	92.5		
MIN	52.5	45.0	8.	64.7
MFL	74.0	72.2	8.	66.9
STD	3.3	4.0	10.	68.0
LEQ	66.1	60.0	12.	69.3
TWT	60.1	57.0		
L1	74.0	70.0		
L3	71.4	66.0		
L5	69.9	64.2		
L10	67.9	62.2		
L20	66.1	59.6		
L30	65.0	58.9		
L40	64.2	58.4		
L50	63.5	58.2		
L60	62.9	58.2		
L70	62.3	58.4		
L80	61.6	57.5		
L90	60.5	56.3		
L95	59.6	49.4		
L97	58.7	48.9		
L99	56.4	47.2		

FIGURE B-76(c). DAY/NIGHT NOISE DATA FOR NEW YORK CITY SITE 0212



L_{DN} : 72.3 dB
 ρ : 60,700 $\frac{\text{people}}{\text{sq. mi.}}$

SITE: 0213
 Address: 232 E. 84th
 New York, N.Y.
 Microphone Height: 13.7 m.
 Distance to Curb: 3.6 m.

ROADWAY TYPE
 At Site: Local
 Vicinity: Arterial

TRAFFIC
 At Site: Cars, Trucks
 Vicinity: Cars, Trucks

OTHER NOISE SOURCES:

FIGURE B-77(a). DESCRIPTION OF NEW YORK CITY SITE 0213

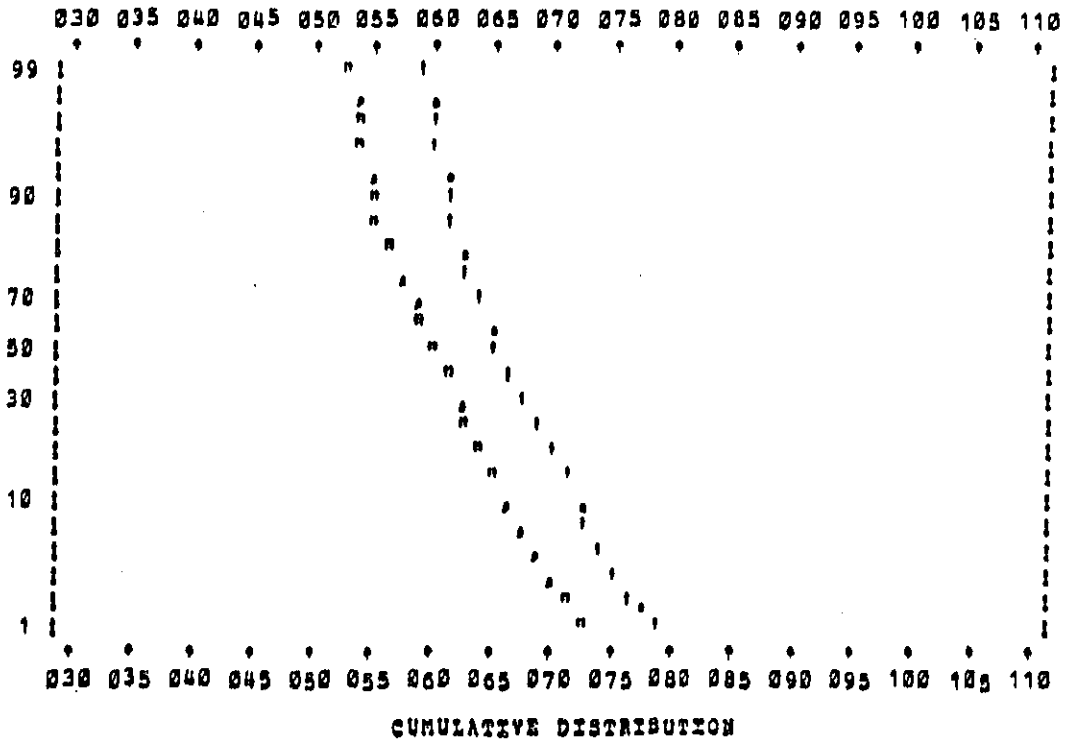
SITE # 213

HR	MAX	MIN	NPL	SIG	L80	THI	L1	L3	L5	L10	L20
1	87.5	52.5	73.0	3.7	63.6	63.3	72.7	69.5	67.9	66.0	64.2
2	97.5	52.5	73.3	4.0	63.2	65.0	72.4	69.3	67.7	65.6	62.9
3	83.8	52.5	73.7	4.2	62.9	67.4	73.1	70.0	68.2	65.8	63.4
4	96.3	51.3	78.1	4.9	65.5	70.8	73.5	70.5	68.7	65.9	63.5
5	82.5	51.3	72.0	4.2	61.1	63.9	71.9	68.3	66.5	63.7	60.7
6	90.0	51.3	77.2	4.9	64.7	70.9	74.8	71.3	69.3	66.2	62.9
7	92.5	52.5	77.0	4.4	65.9	69.6	73.7	70.9	69.4	67.3	65.1
8	96.3	57.5	79.2	4.0	69.0	70.2	78.6	75.1	73.5	71.2	69.1
9	96.3	56.3	80.9	4.0	70.7	70.6	80.9	76.2	74.4	72.2	70.0
10	101.2	58.8	85.5	4.5	74.0	77.4	83.5	79.9	77.7	75.2	73.8
11	93.8	57.5	81.5	4.2	70.7	72.1	81.2	76.4	74.6	72.3	70.1
12	93.8	58.8	80.9	4.1	70.3	73.7	78.8	75.6	74.3	73.0	71.6
13	105.0	58.8	82.7	4.3	71.8	72.6	79.3	74.8	73.7	72.7	71.8
14	91.3	58.8	80.4	3.9	70.4	74.5	78.7	75.8	74.9	73.9	71.8
15	91.3	58.8	80.7	3.9	70.8	72.1	78.7	75.6	74.4	73.2	72.1
16	95.0	57.5	78.1	3.6	68.8	65.4	78.3	74.2	72.4	70.3	68.2
17	102.5	56.3	83.6	4.6	71.9	73.7	81.0	76.0	73.6	71.4	68.5
18	92.5	55.0	74.9	3.4	66.1	62.5	74.7	71.1	69.7	68.1	66.2
19	87.5	56.3	72.9	3.1	65.0	59.5	73.2	70.3	69.2	67.5	65.7
20	91.3	57.5	75.5	3.4	66.9	60.5	75.6	72.1	70.4	68.1	66.1
21	88.8	55.0	86.3	5.6	71.9	84.7	84.4	80.5	78.5	74.2	69.9
22	90.0	55.0	76.5	3.7	66.9	64.3	76.5	72.5	70.8	68.5	66.2
23	92.5	55.0	74.7	3.3	66.2	58.5	74.3	70.0	68.5	66.6	64.9
24	97.5	55.0	74.0	3.4	65.2	61.8	73.2	69.8	68.6	67.1	65.1

HR	L30	L40	L50	L60	L70	L80	L90	L95	L97	L99
1	62.9	61.9	61.0	60.2	59.4	58.3	56.9	56.0	55.5	55.0
2	61.5	60.5	59.6	58.7	57.8	56.7	55.6	54.9	54.4	53.8
3	61.7	60.5	59.5	58.6	57.6	56.5	55.2	54.4	54.0	53.3
4	62.5	61.6	60.1	58.2	56.6	55.3	54.2	53.6	53.2	52.7
5	59.0	57.6	56.5	55.5	54.8	54.3	53.8	53.2	52.9	52.6
6	61.2	59.9	58.6	57.3	56.2	55.4	54.6	54.1	53.9	53.4
7	63.6	62.3	61.1	60.0	58.9	57.8	56.6	55.7	55.2	54.4
8	67.7	66.7	65.7	64.7	63.8	62.8	61.5	60.6	60.2	59.3
9	68.8	67.9	67.1	66.3	65.3	64.2	62.7	61.7	61.3	60.2
10	73.1	72.4	71.7	70.4	68.5	67.0	64.5	63.0	62.2	61.2
11	68.8	67.6	66.4	65.5	64.5	63.6	62.4	61.5	60.9	60.2
12	69.8	68.0	66.8	65.8	64.8	63.9	62.8	62.0	61.6	60.9
13	70.9	68.9	67.1	65.9	64.8	63.9	62.8	61.9	61.4	60.5
14	69.7	68.5	67.5	66.5	65.6	64.6	63.7	62.9	62.6	61.7
15	71.4	70.6	69.8	68.3	66.4	65.0	63.5	62.6	62.1	61.4
16	66.9	66.0	65.2	64.4	63.7	62.9	61.9	61.3	60.8	60.1
17	66.7	65.4	64.3	63.4	62.5	61.7	60.7	60.0	59.5	58.9
18	65.0	64.1	63.3	62.5	61.7	60.9	59.9	59.2	58.8	57.9
19	64.5	63.6	62.8	62.1	61.5	60.9	60.1	59.4	59.1	58.5
20	64.9	64.0	63.3	62.7	62.1	61.5	60.7	60.2	60.0	59.1
21	67.8	66.1	64.7	63.7	62.8	61.8	60.7	59.8	59.1	57.9
22	64.9	64.0	63.2	62.5	61.8	61.0	60.0	59.1	58.8	57.9
23	64.0	63.2	62.6	61.9	61.2	60.4	59.3	58.6	58.0	57.2
24	63.9	63.0	62.1	61.3	60.5	59.7	58.8	58.0	57.6	56.7

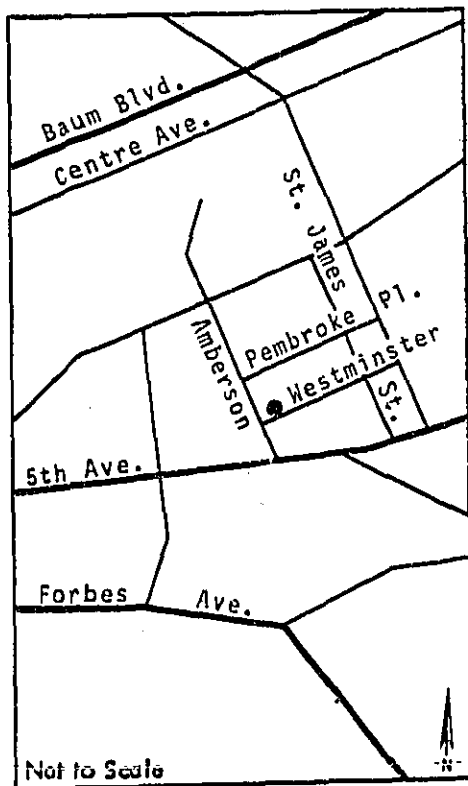
FIGURE B-77(b). HOURLY NOISE DATA FOR NEW YORK CITY SITE 0213

SITE # 213



	DAY "d"	NIGHT "n"	WEIGHTING	WEIGHTED LEQ
MAX	105.0	97.5	0.	68.8
MIN	55.0	51.3	8.	71.2
NFL	81.6	75.8	10.	72.3
STO	4.5	4.4	12.	73.7
LEQ	70.1	64.3		
TMT	75.9	69.3		
L1	79.4	73.4		
L3	75.4	70.0		
L5	74.1	68.4		
L10	72.5	66.2		
L20	70.4	64.0		
L30	68.4	62.6		
L40	66.9	61.5		
L50	65.7	60.4		
L60	64.6	59.4		
L70	63.6	58.1		
L80	62.6	56.7		
L90	61.4	55.1		
L95	60.4	54.3		
L97	60.0	53.9		
L99	59.0	53.1		

FIGURE B-77(c). DAY/NIGHT NOISE DATA FOR NEW YORK CITY SITE 0213



L_{DN} :	58.1 dB
ρ :	17,300 $\frac{\text{people}}{\text{sq. mi.}}$

SITE: 0301
 Address: 5121 Westminister Pl.
 Pittsburgh, PA
 Microphone Height: 4.6 m.
 Distance to Curb: 8.2 m.

ROADWAY TYPE
 At Site: Local
 Vicinity: Arterial

TRAFFIC
 At Site: Cars, Trucks
 Vicinity: Cars, Trucks

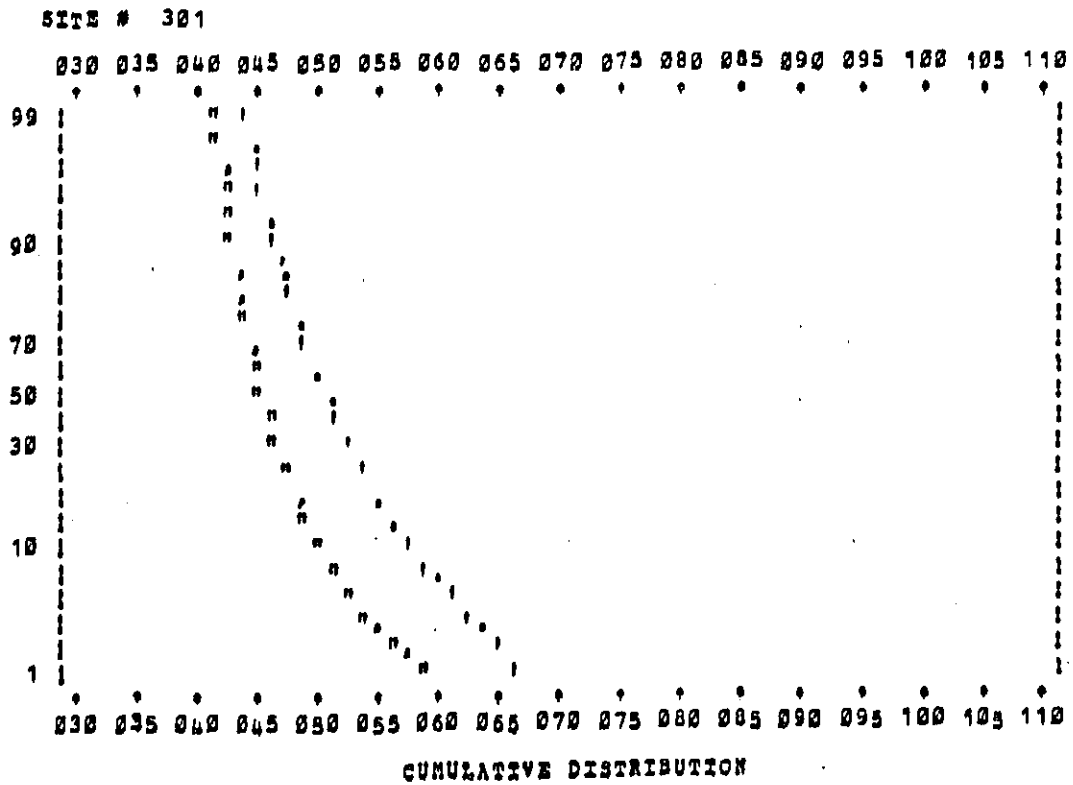
OTHER NOISE SOURCES:

FIGURE B-78(a). DESCRIPTION OF PITTSBURGH SITE 0301

SITE # 301											
HR	MAX	MIN	NPL	SIG	LEQ	TNI	L1	L3	L5	L10	L20
1	76.3	41.3	59.7	3.6	50.6	40.8	61.5	55.5	53.0	50.3	47.8
2	73.8	41.3	60.0	3.8	50.4	42.1	61.8	58.0	54.9	50.7	48.3
3	70.0	40.0	54.8	2.9	47.4	37.7	56.1	53.3	51.8	49.0	46.8
4	66.3	40.0	53.1	2.6	46.4	37.2	53.6	51.3	50.3	48.8	47.1
5	66.3	38.8	53.6	2.7	46.7	36.8	54.0	51.0	49.8	48.5	47.1
6	62.5	40.0	54.6	3.1	46.7	41.0	56.0	52.9	51.4	49.2	46.8
7	76.3	40.0	60.9	3.0	51.2	46.2	62.9	57.3	54.6	52.0	49.4
8	88.0	41.3	78.9	6.2	63.0	65.3	75.7	67.1	63.7	57.6	53.2
9	77.5	42.5	68.6	4.8	56.2	62.4	68.0	64.5	62.3	58.2	55.0
10	86.3	42.5	68.2	4.4	57.0	55.3	68.1	64.1	61.5	57.8	54.6
11	76.3	40.0	68.8	5.1	55.8	67.8	66.9	63.3	61.3	58.7	55.2
12	81.3	41.3	67.6	4.0	55.3	62.4	66.1	62.2	60.2	57.3	54.3
13	83.8	41.3	69.7	5.1	56.7	66.1	66.4	63.2	61.2	58.2	54.8
14	76.3	42.5	66.4	4.1	55.9	50.5	64.9	61.5	59.8	58.0	56.5
15	96.3	43.8	69.1	4.2	58.4	56.1	65.9	62.5	60.1	57.4	55.1
16	76.3	45.0	65.1	3.9	53.1	63.5	66.0	62.3	60.2	57.0	54.4
17	76.3	45.0	68.0	4.3	56.9	61.2	67.8	64.9	63.1	59.6	56.1
18	76.3	45.0	69.9	4.8	57.7	64.4	69.1	66.1	64.1	60.3	56.1
19	80.0	42.5	67.4	4.4	56.1	55.5	67.7	63.8	61.3	57.0	53.6
20	77.5	43.8	65.9	4.3	54.9	54.4	66.8	63.3	60.6	56.4	53.2
21	83.8	43.8	66.0	4.3	55.0	53.7	67.0	62.6	59.6	55.9	53.1
22	81.3	42.5	63.0	4.0	52.8	50.1	64.0	59.8	57.6	54.0	50.6
23	73.8	42.5	60.4	3.5	51.5	43.0	63.3	57.2	54.8	52.1	50.0
24	67.5	41.3	57.4	3.1	49.6	41.2	59.7	55.4	53.6	51.3	49.5

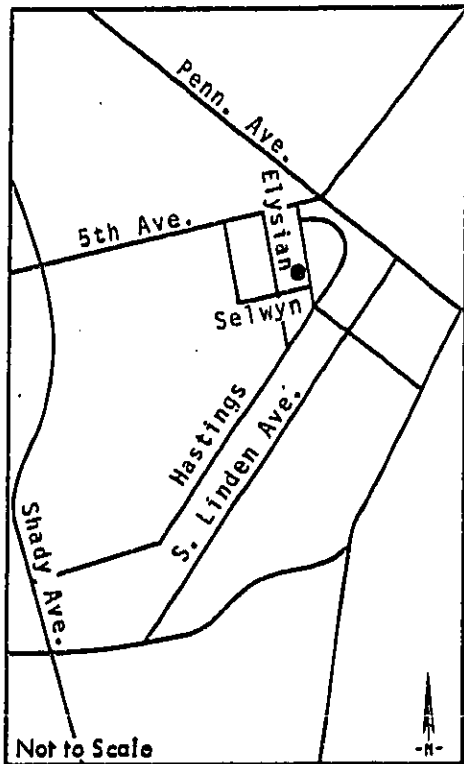
HR	L30	L40	L50	L60	L70	L80	L90	L95	L97	L99
1	46.7	46.0	45.5	44.9	44.5	44.0	43.4	42.9	42.7	42.5
2	47.2	46.4	45.8	45.2	44.7	44.2	43.5	43.0	42.7	42.5
3	45.9	45.2	44.7	44.3	43.9	43.4	42.8	42.5	42.0	41.5
4	46.0	45.3	44.7	44.1	43.6	43.1	42.6	42.1	41.7	41.4
5	46.1	45.4	44.7	44.1	43.6	43.0	42.4	41.8	41.5	41.3
6	45.6	44.8	44.2	43.6	43.1	42.7	42.0	41.6	41.4	41.1
7	48.3	47.5	46.8	46.2	45.5	44.8	43.9	43.1	42.8	42.2
8	51.1	49.7	48.6	47.8	47.0	46.1	45.0	44.2	43.9	43.0
9	53.4	52.2	51.1	50.1	49.0	48.0	46.8	46.0	45.5	44.8
10	53.1	52.1	51.2	50.6	50.0	49.3	48.6	47.5	46.4	44.6
11	53.1	51.8	50.8	49.9	48.8	47.4	45.6	44.6	44.1	43.2
12	52.3	50.9	49.8	48.8	47.9	46.9	45.6	44.7	44.2	43.4
13	53.1	51.7	50.5	49.3	48.2	46.9	45.5	44.6	44.0	43.1
14	55.6	54.9	54.1	53.1	51.7	49.7	47.8	46.7	46.1	45.2
15	53.7	52.8	52.0	51.2	50.1	48.9	47.8	46.9	46.5	45.7
16	53.0	52.0	51.1	50.4	49.7	49.1	48.2	47.6	47.3	46.5
17	54.5	53.4	52.6	51.8	51.0	50.2	49.1	48.3	47.8	47.0
18	54.1	52.9	52.0	51.3	50.6	49.8	48.9	48.1	47.7	47.0
19	52.3	51.3	50.6	49.9	49.2	48.5	47.6	46.7	46.3	45.2
20	51.0	50.8	50.0	49.3	48.6	47.9	47.0	46.5	46.2	45.4
21	51.4	50.4	49.6	48.9	48.2	47.6	46.7	46.1	45.6	45.1
22	49.3	48.4	47.8	47.2	46.6	46.0	45.3	44.8	44.4	43.9
23	48.9	48.1	47.4	46.9	46.4	45.8	45.2	44.7	44.3	43.9
24	48.4	47.6	47.0	46.5	45.9	45.4	44.6	44.1	43.9	43.1

FIGURE B-78(b). HOURLY NOISE DATA FOR PITTSBURGH SITE 0301.



	DAY 'd'	NIGHT 'n'	WEIGHTING	WEIGHTED L _{EQ}
MAX	96.3	76.3	0.	55.5
MIN	40.0	36.0	8.	57.2
HTL	69.4	58.2	10.	58.1
STG	4.8	3.8	12.	59.2
L _{EQ}	57.2	49.4		
THI	61.0	42.7		
L ₁	67.5	59.8		
L ₃	63.6	54.7		
L ₅	61.2	52.7		
L ₁₀	57.7	50.4		
L ₂₀	54.8	48.4		
L ₃₀	53.1	47.2		
L ₄₀	51.9	46.4		
L ₅₀	50.8	45.7		
L ₆₀	49.9	45.1		
L ₇₀	49.0	44.4		
L ₈₀	47.9	43.8		
L ₉₀	46.6	43.0		
L ₉₅	45.6	42.3		
L ₉₇	45.1	42.0		
L ₉₉	44.0	41.3		

FIGURE B-78(c). DAY/NIGHT NOISE DATA FOR PITTSBURGH SITE 0301



L_{DN} :	59.1 dB
ρ :	9,800 $\frac{\text{people}}{\text{sq. mi.}}$

SITE: 0302
 Address: 210 Hastings
 Pittsburgh, PA
 Microphone Height: 6.1 m.
 Distance to Curb: 3.0 m.

ROADWAY TYPE
 At Site: Local
 Vicinity: Arterial

TRAFFIC
 At Site: Cars, Trucks
 Vicinity: Cars, Trucks, Buses

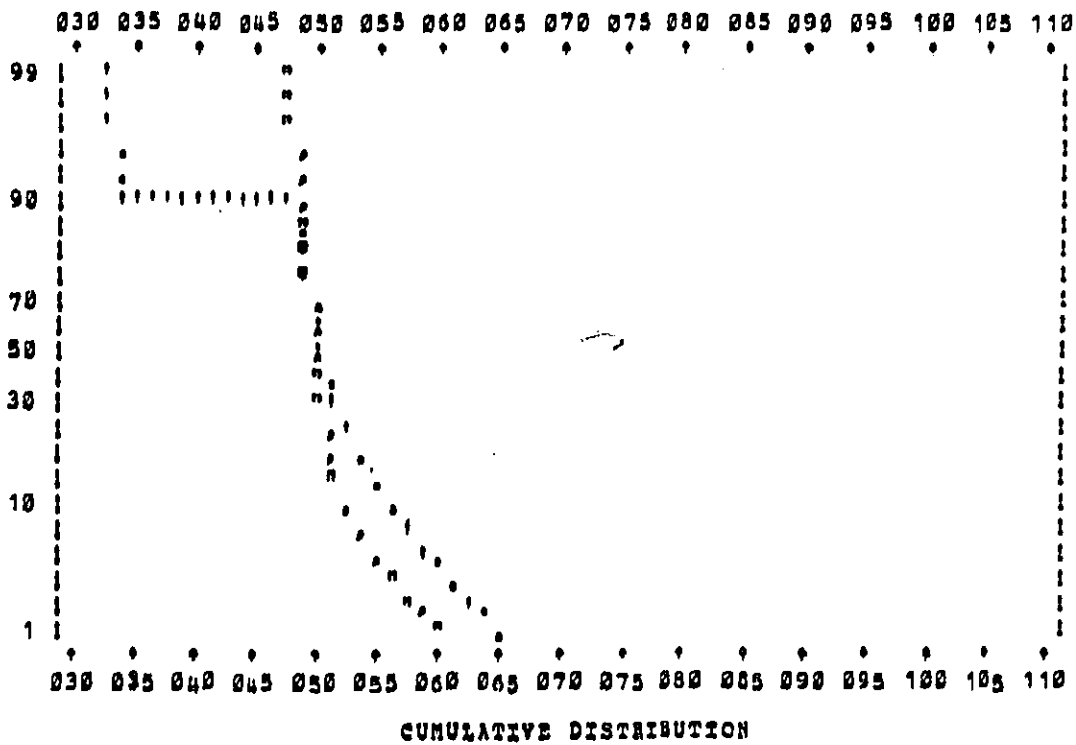
OTHER NOISE SOURCES:

FIGURE B-79(a). DESCRIPTION OF PITTSBURGH SITE 0302

SITE # 302											
HR	MAX	MIN	NPL	STG	L2Q	TNT	L1	L3	L5	L10	L20
1	76.3	47.5	56.1	1.8	51.5	31.8	58.5	55.0	53.7	52.3	51.2
2	72.5	46.3	59.0	2.6	52.3	33.3	62.1	58.1	55.7	52.4	50.8
3	63.8	46.3	51.3	0.8	49.2	25.7	51.1	50.2	50.0	49.9	49.7
4	63.8	46.3	51.9	1.0	49.3	26.1	51.7	50.9	50.5	50.0	49.8
5	65.0	46.3	53.0	1.3	49.7	26.6	55.7	52.1	51.1	50.2	49.8
6	71.3	46.3	58.1	2.4	51.9	35.3	60.6	57.3	55.9	53.0	51.1
7	78.8	46.3	65.7	3.7	56.2	45.9	69.0	62.1	59.4	55.8	52.7
8	70.0	46.3	62.3	3.4	53.6	48.9	63.5	60.6	58.9	55.9	53.5
9	86.3	46.3	65.2	3.7	55.8	51.8	66.1	62.5	60.5	57.4	54.2
10	75.0	46.3	66.2	3.8	56.6	53.5	68.0	64.0	61.7	58.1	55.4
11	76.3	31.3	71.4	6.9	53.6	86.4	63.6	59.3	57.1	54.9	53.6
12											
13											
14											
15	58.8	31.3	41.1	2.1	35.7	7.4	48.2	36.5	34.9	33.7	33.6
16	87.5	46.3	69.4	4.4	58.2	56.3	68.4	64.2	61.9	58.3	53.6
17	76.3	46.3	65.3	3.9	55.3	52.6	66.6	62.8	60.7	57.3	54.0
18	85.0	46.3	61.1	3.0	53.4	43.4	62.8	59.9	58.0	54.9	52.5
19	76.3	47.5	63.9	3.5	55.0	51.4	65.2	61.5	59.8	57.4	54.7
20	73.8	46.3	61.1	3.1	53.2	45.0	62.9	59.6	57.9	55.2	52.5
21	85.0	46.3	66.4	3.8	56.6	45.3	67.4	61.8	58.9	55.2	52.2
22	82.5	46.3	61.3	3.0	53.7	39.9	64.0	59.8	57.7	54.2	52.2
23	71.3	47.5	58.8	2.4	52.8	35.2	62.2	58.2	55.9	53.4	52.1
24	70.0	47.5	58.9	1.9	52.1	32.1	59.7	56.2	54.8	53.0	52.1
HR	L30	L40	L50	L60	L70	L80	L90	L95	L97	L99	
1	50.9	50.6	50.4	50.1	49.8	49.4	49.1	48.9	48.8	48.8	
2	50.1	49.8	49.6	49.4	49.2	49.0	48.7	48.1	47.9	47.6	
3	49.5	49.3	49.1	49.0	48.8	48.4	47.9	47.7	47.6	47.5	
4	49.6	49.4	49.2	49.0	48.8	48.4	47.9	47.7	47.6	47.5	
5	49.6	49.5	49.3	49.1	48.9	48.7	48.1	47.8	47.7	47.6	
6	50.5	50.0	49.8	49.5	49.3	49.1	48.8	48.4	48.0	47.7	
7	51.7	51.1	50.7	50.4	50.1	49.6	49.1	48.9	48.8	47.9	
8	52.2	51.2	50.5	49.9	49.4	49.0	48.3	47.8	47.7	47.5	
9	52.9	52.1	51.5	51.0	50.4	49.9	49.2	48.9	48.6	47.8	
10	54.3	53.4	52.8	52.2	51.8	51.4	49.7	49.1	48.9	48.6	
11	52.9	52.2	51.7	51.2	50.6	50.0	34.4	32.8	32.3	31.6	
12											
13											
14											
15	33.4	33.3	33.1	33.0	32.8	32.7	32.5	32.0	31.7	31.4	
16	51.9	51.0	50.5	50.1	49.7	49.3	48.9	48.5	48.1	47.7	
17	52.2	51.2	50.6	50.1	49.7	49.3	48.8	48.3	48.0	47.7	
18	51.4	50.8	50.3	49.9	49.5	49.2	48.8	48.2	47.9	47.6	
19	53.2	52.2	51.4	50.9	50.5	50.1	49.4	49.0	48.8	48.1	
20	51.4	50.8	50.3	49.8	49.5	49.1	48.7	48.1	47.8	47.6	
21	51.0	50.4	49.9	49.6	49.3	49.0	48.5	48.0	47.8	47.6	
22	51.2	50.9	50.5	50.2	49.8	49.4	49.0	48.8	48.4	47.8	
23	51.5	51.1	50.8	50.6	50.3	50.1	49.5	49.1	49.0	48.8	
24	51.6	51.2	51.0	50.7	50.5	50.3	50.0	49.4	49.2	48.9	

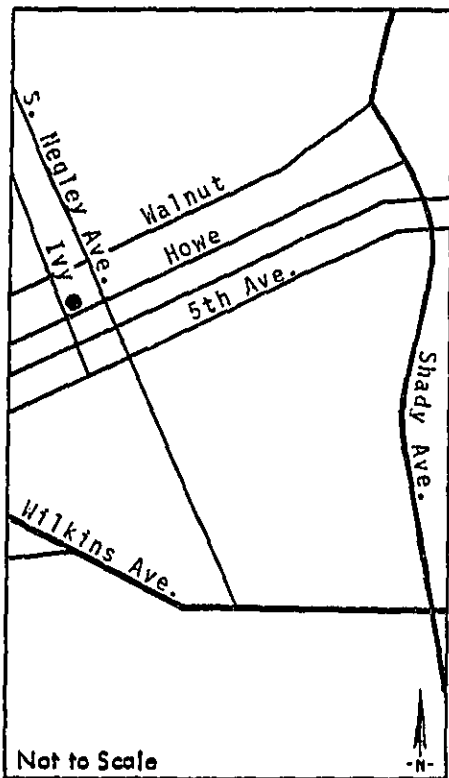
FIGURE B-79(b). HOURLY NOISE DATA FOR PITTSBURGH SITE 0302

SITE # 302



	DAY "A"	NIGHT "B"	WEIGHTING	WEIGHTED L ₅₀
MAX	87.5	78.8	0.	54.1
MIN	31.3	46.3	8.	57.7
NPL	71.5	58.2	10.	59.1
STD	6.5	2.4	12.	60.7
L ₅₀	54.9	52.2		
THI	51.3	33.5		
L ₁	65.3	60.9		
L ₃	61.2	56.5		
L ₅	59.8	54.5		
L ₁₀	55.9	52.3		
L ₂₀	53.3	51.2		
L ₃₀	52.1	50.7		
L ₄₀	51.2	50.2		
L ₅₀	50.6	49.9		
L ₆₀	50.0	49.6		
L ₇₀	49.5	49.3		
L ₈₀	49.0	49.0		
L ₉₀	47.5	48.6		
L ₉₅	39.2	48.1		
L ₉₇	32.8	47.8		
L ₉₉	32.5	47.6		

FIGURE B-79(c). DAY/NIGHT NOISE DATA FOR PITTSBURGH SITE 0302



L_{DN} :	61.9 dB
ρ :	17,300 $\frac{\text{people}}{\text{sq. mi.}}$

SITE: 0303
 Address: 5613 Howe
 Pittsburgh, PA
 Microphone Height: 6.7 m.
 Distance to Curb: 7.6 m.

ROADWAY TYPE
 At Site: Local
 Vicinity: Collector

TRAFFIC
 At Site: Cars, Buses
 Vicinity: Cars, Buses

OTHER NOISE SOURCES:

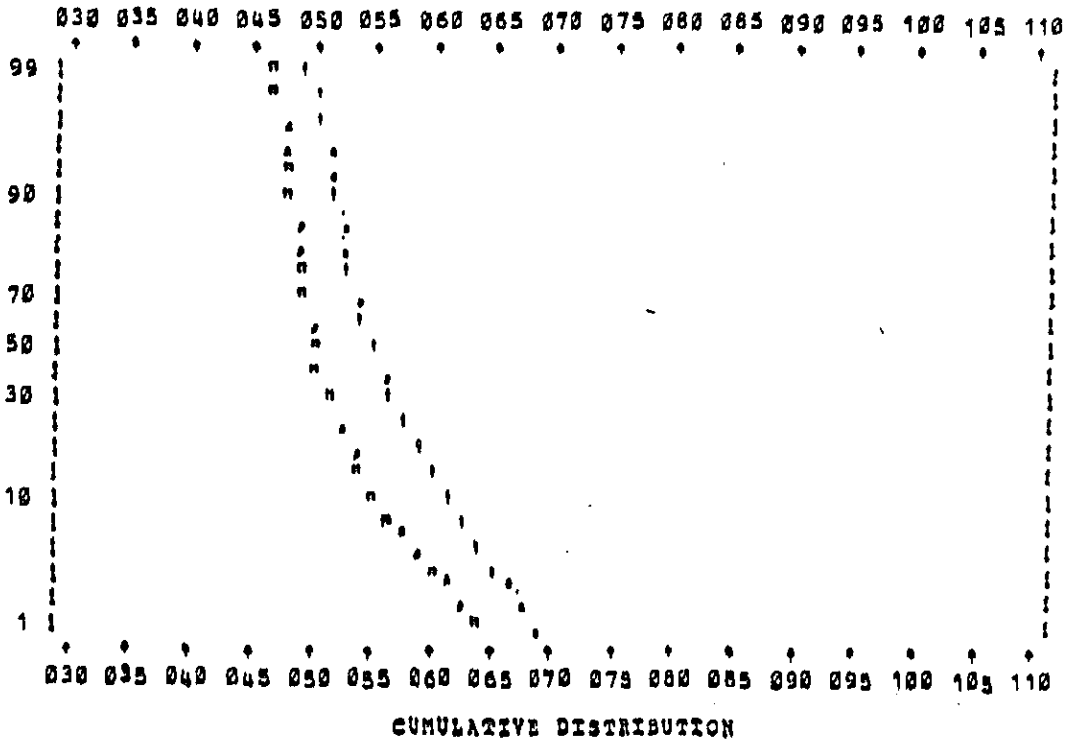
FIGURE B-80(a). DESCRIPTION OF PITTSBURGH SITE 0303

SITE # 303											
HR	MAX	MIN	NPL	SIG	LEQ	TNI	L1	L3	L5	L10	L20
1	81.3	45.0	64.5	3.6	55.3	48.9	65.3	61.0	58.9	56.2	53.9
2	73.8	45.0	65.9	4.1	55.5	53.0	67.1	63.5	61.5	57.3	53.8
3	73.8	45.0	58.5	2.6	51.8	38.1	60.9	56.7	54.8	52.8	51.0
4	68.8	43.8	55.1	2.0	49.9	32.7	57.5	53.4	52.1	50.8	49.8
5	72.5	45.0	54.6	1.7	50.1	30.6	56.0	52.9	51.9	50.9	49.9
6	78.8	45.0	57.0	2.4	50.9	34.9	59.9	56.0	54.0	51.9	50.0
7	81.3	45.0	66.6	4.1	56.1	50.6	68.9	62.1	59.3	56.0	53.4
8	78.8	46.3	66.3	3.7	56.7	55.5	66.6	62.9	61.2	59.0	56.6
9	82.5	48.8	70.5	4.0	60.2	63.2	70.0	67.4	65.9	63.2	60.1
10	80.0	50.0	71.6	4.0	61.3	63.1	71.3	68.5	66.9	63.8	61.2
11											
12											
13											
14	83.8	45.0	72.4	3.5	63.4	58.3	71.4	67.2	66.0	64.7	63.5
15	78.8	30.0	68.8	4.1	58.5	63.9	67.7	64.7	63.5	62.0	58.7
16	86.3	46.3	70.5	4.2	59.8	61.0	69.0	65.5	63.9	61.3	58.5
17	85.0	47.5	71.9	4.4	60.6	63.5	72.0	67.5	65.4	62.3	59.3
18	81.3	47.5	69.3	4.1	58.9	62.4	68.6	65.8	64.3	61.9	59.0
19	83.8	46.3	68.0	3.9	58.1	58.3	68.1	64.9	63.1	60.5	57.9
20	81.3	47.5	67.9	3.0	58.0	59.4	67.4	64.4	63.0	60.9	58.5
21	81.3	48.8	67.0	3.5	57.9	56.6	67.0	63.5	62.4	60.5	58.0
22	82.5	47.5	63.1	2.9	55.6	47.8	63.7	60.7	59.3	57.4	55.8
23	82.5	46.3	66.1	3.6	57.0	51.2	66.9	62.7	60.6	58.0	55.7
24	80.0	46.3	65.4	3.7	56.0	54.3	65.9	62.6	60.8	58.3	55.9

HR	L30	L40	L50	L60	L70	L80	L90	L95	L97	L99
1	52.5	51.7	51.0	50.5	50.0	49.4	48.7	48.0	47.8	47.5
2	52.2	51.2	50.7	50.1	49.7	49.2	48.8	48.1	47.8	47.5
3	50.3	49.8	49.4	49.1	48.8	48.2	47.7	47.2	46.8	46.4
4	49.5	49.2	48.8	48.4	48.0	47.5	46.8	46.4	46.3	46.4
5	49.7	49.4	49.2	48.9	48.6	48.1	47.7	47.2	46.8	46.4
6	49.7	49.4	49.1	48.7	48.3	47.9	47.6	47.0	46.7	46.4
7	51.9	51.0	50.4	49.8	49.3	48.8	47.9	47.2	46.8	46.4
8	55.3	54.3	53.4	52.6	51.9	51.3	50.2	49.2	48.8	47.8
9	58.7	57.6	56.7	55.8	55.0	54.2	53.2	52.6	52.0	51.4
10	60.1	59.2	58.4	57.5	56.5	55.4	54.0	53.1	52.7	51.9
11										
12										
13										
14	63.0	62.5	62.2	61.8	61.4	59.3	56.9	55.4	53.3	50.7
15	56.8	55.6	54.7	53.9	53.2	52.4	51.4	50.7	50.3	49.9
16	56.8	55.7	54.8	54.0	53.2	52.4	51.4	50.7	50.3	49.4
17	57.6	56.5	55.6	54.7	53.9	53.0	51.9	51.2	50.6	50.0
18	57.4	56.2	55.2	54.4	53.6	52.8	51.7	51.0	50.5	49.7
19	56.5	55.5	54.7	53.9	53.1	52.2	51.2	50.4	50.1	49.1
20	56.9	55.8	54.8	54.0	53.1	52.3	51.4	50.6	50.3	49.6
21	56.6	55.6	54.8	54.2	53.5	52.7	51.7	51.1	50.6	50.1
22	54.8	54.0	53.3	52.7	52.1	51.4	50.6	50.2	50.0	49.2
23	54.6	53.7	53.0	52.3	51.7	51.1	50.3	49.7	49.3	48.8
24	54.5	53.4	52.5	51.8	51.1	50.4	49.6	49.1	48.9	48.2

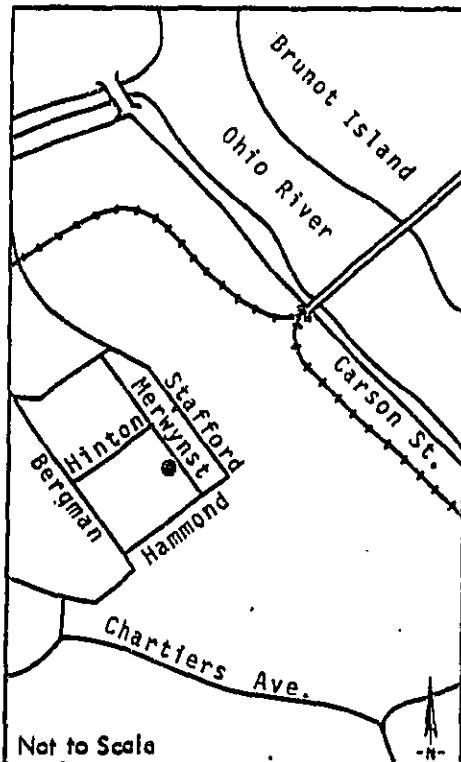
FIGURE B-80(b). HOURLY NOISE DATA FOR PITTSBURGH SITE 0303

SITE # 303



	DAY '.'	NIGHT 'n'	WEIGHTING	WEIGHTED LEQ
MAX	86.3	82.5	0.	57.6
MIN	30.0	43.8	8.	60.6
NPL	69.6	63.7	10.	61.9
STG	4.1	3.6	12.	63.3
LEQ	59.0	54.4		
THI	61.7	48.8		
L1	69.1	64.9		
L3	65.6	60.5		
L5	63.9	58.3		
L10	61.5	55.6		
L20	58.9	53.2		
L30	57.3	51.8		
L40	56.0	50.8		
L50	55.1	50.1		
L60	54.2	49.6		
L70	53.4	49.1		
L80	52.5	48.6		
L90	51.5	47.9		
L95	50.6	47.4		
L97	50.2	46.9		
L99	49.3	46.4		

FIGURE B-80(c). DAY/NIGHT NOISE DATA FOR PITTSBURGH SITE 0303



L _{DN} :	62.2	dB
ρ :	5,300	$\frac{\text{people}}{\text{sq. mi.}}$

SITE: 0305
 Address: 2419 Merwyn
 Pittsburgh, PA
 Microphone Height: 4.6 m.
 Distance to Curb: 3.6 m.

ROADWAY TYPE

At Site: Local
 Vicinity: Local

TRAFFIC

At Site: Cars, Trucks
 Vicinity: Cars, Trucks

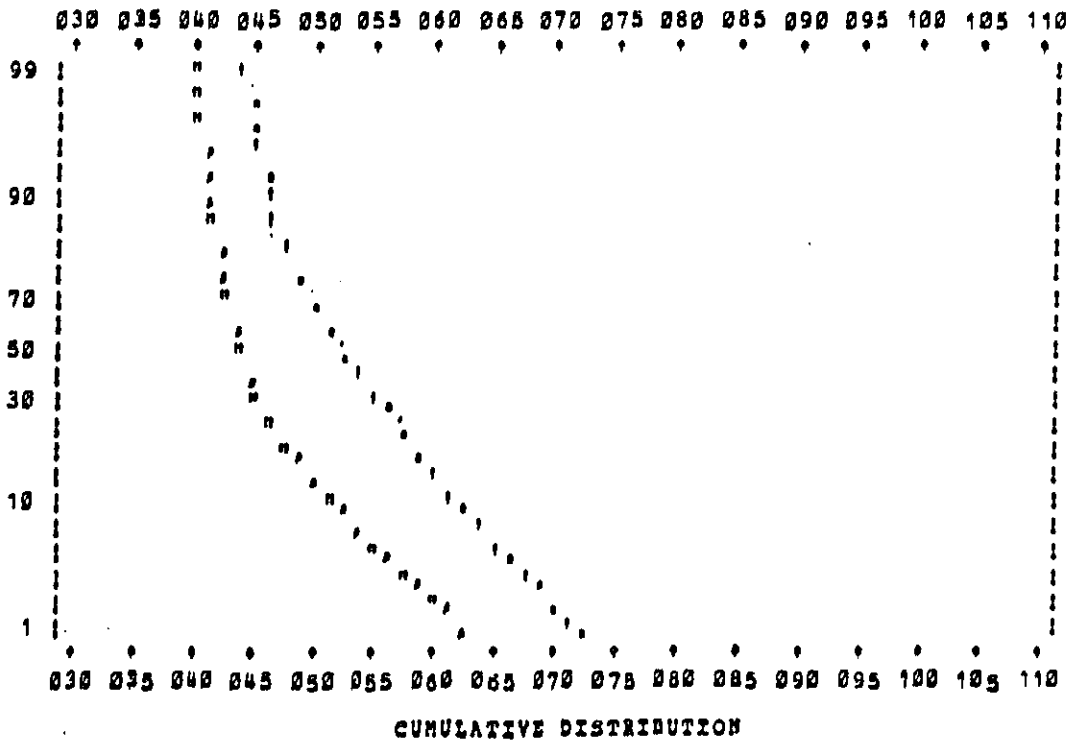
OTHER NOISE SOURCES:

FIGURE B-B1(a). DESCRIPTION OF PITTSBURGH SITE 0305

SITE # 305											
HR	MAX	MIN	NPL	SIG	LEQ	TNI	L1	L3	L5	L10	L20
1	82.5	40.0	68.4	5.0	55.7	50.8	67.0	58.7	55.4	51.7	47.4
2	81.3	38.8	64.8	4.9	52.3	57.3	62.7	58.9	56.6	53.2	49.6
3	80.0	38.8	61.0	4.0	50.8	45.1	59.4	54.3	51.8	49.5	47.2
4	77.5	38.8	54.4	2.8	47.2	32.7	53.8	48.6	47.4	46.0	44.4
5	61.3	38.8	50.6	2.2	45.2	32.8	52.1	49.0	48.3	47.1	45.9
6	75.0	38.8	56.5	3.5	47.5	34.0	60.0	52.7	48.8	46.4	44.8
7	77.5	37.5	59.4	3.8	49.7	39.7	61.6	52.3	50.1	47.9	45.9
8	77.5	40.0	63.3	4.2	52.4	52.6	63.2	58.6	56.6	53.7	51.2
9	80.0	41.3	67.3	4.8	55.0	60.3	66.4	61.9	60.1	56.7	53.2
10	78.8	41.3	65.3	4.5	53.7	55.4	64.9	61.2	58.6	54.9	51.6
11	80.8	42.5	67.8	4.4	56.4	55.6	66.5	61.3	58.6	56.2	53.6
12	96.3	42.5	78.8	5.6	64.4	74.3	74.1	69.3	66.9	63.5	60.7
13	91.3	42.5	80.3	6.8	63.0	86.3	74.2	68.7	66.6	64.1	60.9
14	85.0	43.8	68.1	4.2	57.5	57.5	67.9	63.4	61.2	58.7	56.4
15	93.8	45.0	76.2	5.7	61.5	70.8	72.4	67.4	64.8	61.0	57.4
16	92.5	45.0	84.8	7.0	66.8	86.2	79.8	74.1	70.8	66.3	61.9
17	91.3	30.0	78.9	5.8	64.6	79.2	75.6	71.3	69.4	66.6	63.6
18											
19											
20	95.0	41.3	81.3	6.6	64.5	80.8	75.1	69.9	67.2	63.2	59.4
21	92.5	41.3	76.8	5.7	62.1	71.7	73.7	67.2	64.6	61.3	57.9
22	90.0	41.3	76.2	6.0	60.9	77.4	72.6	68.1	65.8	62.6	58.9
23	80.0	38.8	69.0	5.6	54.7	67.4	66.3	62.2	60.2	56.6	53.2
24	86.3	40.0	70.1	5.7	55.5	69.8	65.8	62.1	60.0	57.2	53.1
HR	L30	L40	L50	L60	L70	L80	L90	L95	L97	L99	
1	45.5	44.6	44.0	43.5	43.1	42.7	42.0	41.6	41.4	41.3	
2	47.6	46.1	45.0	44.1	43.3	42.6	41.8	41.4	41.0	40.3	
3	45.6	44.5	43.6	42.9	42.2	41.7	41.0	40.5	40.3	40.1	
4	43.3	42.5	42.1	41.6	41.2	40.8	40.4	40.2	40.1	40.0	
5	45.1	44.6	44.1	43.6	43.1	42.7	41.9	41.4	41.2	40.4	
6	43.8	43.2	42.6	42.1	41.6	41.1	40.5	40.2	40.1	40.0	
7	44.7	43.8	43.2	42.6	42.0	41.4	40.6	40.1	39.7	39.1	
8	49.6	48.5	47.5	46.6	45.8	45.0	44.1	43.4	42.9	42.5	
9	51.1	49.7	48.6	47.8	47.1	46.4	45.5	45.0	44.5	43.9	
10	50.0	48.9	48.0	47.2	46.4	45.7	44.8	44.1	43.8	43.0	
11	51.7	50.4	49.4	48.6	47.9	47.2	46.4	45.6	45.3	44.7	
12	59.2	58.1	57.1	56.1	54.8	52.9	49.9	48.0	47.0	45.6	
13	57.6	55.7	53.8	51.9	49.9	48.1	46.7	45.9	45.5	45.0	
14	55.0	54.0	53.1	52.3	51.4	50.4	49.1	48.1	47.5	46.4	
15	54.8	53.0	51.7	50.6	49.7	48.7	47.7	47.0	46.7	46.3	
16	59.0	56.7	54.9	53.5	52.2	51.0	49.7	48.8	48.2	47.3	
17	61.6	60.0	58.7	57.4	56.0	54.4	52.4	51.2	50.4	49.3	
18											
19											
20	57.0	55.2	53.5	52.0	50.6	49.1	47.4	46.2	45.4	44.3	
21	55.8	54.3	52.9	51.7	50.5	49.3	47.8	46.8	46.3	45.2	
22	56.6	54.8	53.4	52.1	50.8	49.4	47.6	46.3	45.4	44.1	
23	51.1	49.3	47.8	46.5	45.3	44.2	42.9	42.1	41.7	41.0	
24	50.1	48.0	46.5	45.5	44.6	43.9	43.0	42.5	42.0	41.4	

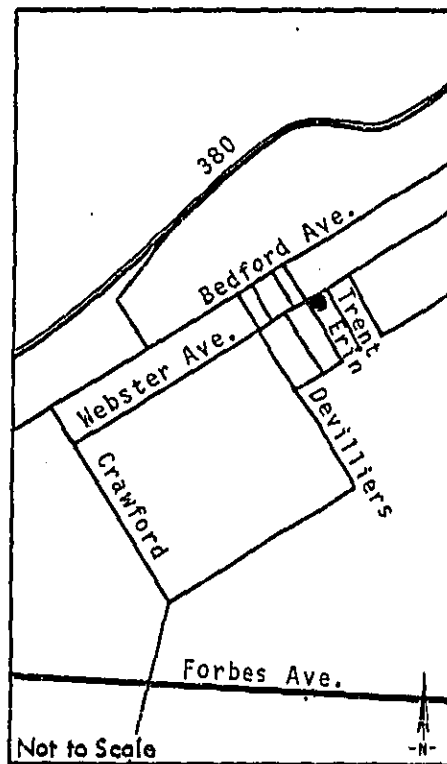
FIGURE B-81(b). HOURLY NOISE DATA FOR PITTSBURGH SITE 0305

SITE # 305



	DAY '!',	NIGHT ",",	WEIGHTING	WEIGHTED LEQ
MAX	96.3	86.3	0.	60.4
MIN	30.0	37.5	8.	61.5
MPL	78.4	64.6	10.	62.2
STD	6.4	4.8	12.	63.1
LEQ	62.1	52.4		
TMT	78.6	53.0		
L1	73.1	63.1		
L3	67.9	58.2		
L5	65.4	55.8		
L10	62.0	51.7		
L20	58.4	47.9		
L30	56.1	46.0		
L40	54.1	44.9		
L50	52.4	44.1		
L60	50.9	43.4		
L70	49.4	42.7		
L80	48.0	42.0		
L90	46.5	41.2		
L95	45.4	40.6		
L97	44.8	40.3		
L99	43.8	40.0		

FIGURE B-81(c). DAY/NIGHT NOISE DATA FOR PITTSBURGH SITE 0305



L_{DN} :	72.8 dB
ρ :	27,300 $\frac{\text{people}}{\text{sq. mi.}}$

SITE: 0306
 Address: Webster btwn Erin & Trent, Pittsburgh, PA
 Microphone Height: 4.6 m.
 Distance to Curb: 1.0 m.

ROADWAY TYPE -
 At Site: Local
 Vicinity: Collector

TRAFFIC
 At Site: Cars, Buses
 Vicinity: Cars, Buses

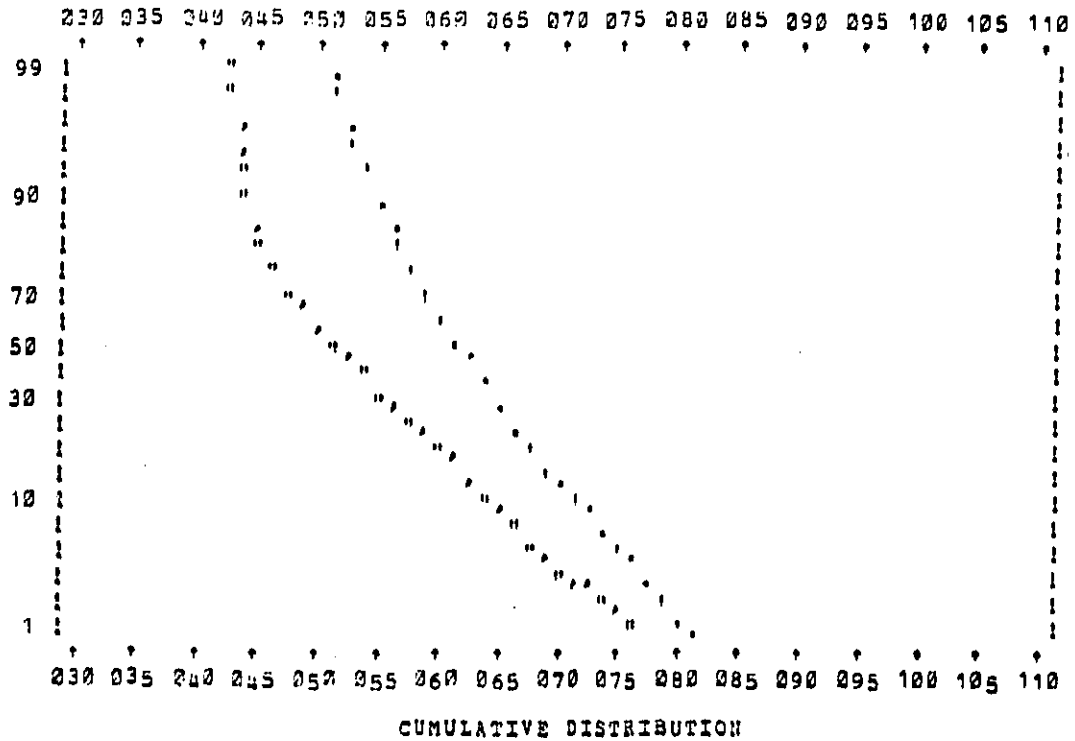
OTHER NOISE SOURCES:

FIGURE B-82(a). DESCRIPTION OF PITTSBURGH SITE 0306

SITE # 306											
HR	MAX	MIN	NPL	SIG	LEO	TNI	L1	L3	L5	L10	L20
1	91.3	42.5	82.4	7.1	64.2	86.0	74.5	69.5	67.0	63.8	59.7
2	91.3	41.3	83.3	6.9	62.6	80.8	72.9	66.9	64.3	61.1	56.8
3	87.5	41.3	78.4	6.5	61.8	69.9	73.0	65.8	62.5	57.7	52.1
4	96.3	43.0	82.5	7.0	64.6	74.8	73.7	66.5	63.2	58.5	53.2
5	87.5	43.0	81.5	7.4	62.5	78.5	74.5	67.3	65.1	59.3	54.8
6	92.5	41.3	84.7	7.5	65.4	90.5	78.7	73.1	68.7	64.9	60.5
7	92.5	43.8	85.0	7.5	66.9	91.0	79.6	74.4	70.9	66.3	62.5
8	92.5	47.5	93.5	8.3	72.2	114.8	82.5	79.4	78.4	76.5	72.5
9											
10											
11											
12	96.3	47.5	86.8	6.6	69.9	90.0	82.6	77.2	74.5	70.8	67.2
13	95.0	48.8	86.9	6.5	70.3	90.5	82.0	77.3	75.4	71.6	67.8
14	91.3	48.8	83.4	5.8	68.6	82.5	80.0	75.3	73.2	69.9	66.8
15	98.8	47.5	84.9	6.1	69.2	86.4	81.0	76.8	74.7	70.8	66.8
16	98.8	51.3	85.8	5.8	70.9	87.1	82.6	77.6	75.7	72.7	68.5
17											
18	92.5	48.8	83.8	5.7	69.3	81.0	81.8	75.6	73.2	70.0	67.0
19											
20	87.5	38.8	91.4	8.5	68.5	105.8	82.6	76.0	73.1	70.2	67.3
21	92.5	47.5	83.5	6.3	67.5	84.8	79.1	74.3	71.9	68.4	65.2
22	95.0	48.8	87.4	6.8	70.1	91.9	82.2	77.6	74.9	71.1	67.5
23	92.5	46.3	86.1	7.0	68.3	92.8	80.2	75.6	73.5	69.9	66.4
24	95.0	43.8	85.3	7.1	67.3	85.1	78.8	71.7	68.5	64.7	60.7
HR	L30	L40	L50	L60	L70	L80	L90	L95	L97	L99	
1	56.7	54.2	52.1	50.1	48.6	47.5	46.3	45.5	45.2	44.3	
2	53.7	51.2	48.9	47.3	46.1	45.3	44.5	44.0	43.8	43.0	
3	49.5	47.5	46.2	45.5	44.8	44.3	43.7	43.1	42.8	42.6	
4	49.8	47.3	45.8	44.9	44.4	43.8	43.1	42.7	42.6	41.9	
5	52.9	49.1	46.3	45.1	44.3	43.6	42.9	42.5	42.1	41.5	
6	57.4	55.0	53.4	52.0	50.1	48.3	46.4	44.9	44.1	43.0	
7	59.8	57.6	55.6	53.6	51.9	50.2	48.1	47.0	46.5	45.6	
8	68.1	64.8	62.7	60.7	58.6	56.3	53.7	52.1	51.4	50.2	
9											
10											
11											
12	64.9	63.2	61.6	60.1	58.6	56.8	54.4	52.8	51.9	50.6	
13	65.7	64.0	62.4	60.9	59.3	57.5	55.3	53.9	52.8	51.3	
14	64.8	63.4	62.1	60.8	59.4	57.8	55.7	54.2	53.4	52.0	
15	64.6	63.0	61.6	60.3	59.0	57.4	55.6	54.3	53.5	52.1	
16	66.3	64.7	63.4	62.2	61.0	59.6	57.9	56.8	56.3	55.1	
17											
18	65.2	63.8	62.5	61.2	59.9	58.4	56.3	54.7	53.9	52.7	
19											
20	64.0	61.4	59.3	57.3	55.1	52.3	48.3	45.5	43.9	41.9	
21	63.0	61.1	59.5	58.0	56.5	54.9	53.0	51.6	51.0	50.1	
22	65.2	63.3	61.6	59.9	58.1	56.3	54.2	52.9	52.2	51.2	
23	64.0	62.0	60.1	58.2	56.2	54.3	52.2	51.0	50.3	49.3	
24	58.1	56.0	54.0	52.3	50.7	49.3	47.9	47.1	46.6	46.1	

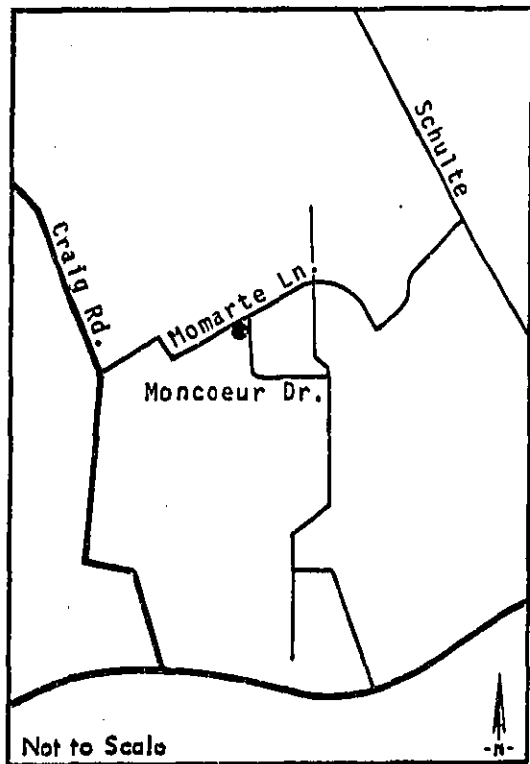
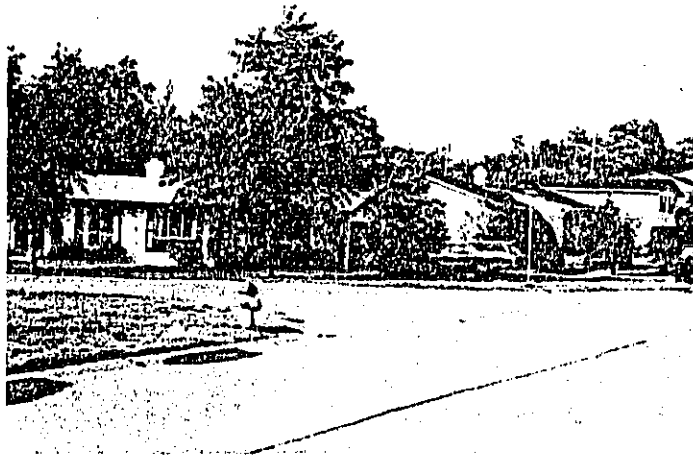
FIGURE B-82(b). HOURLY NOISE DATA FOR PITTSBURGH SITE 0306

SITE # 036



	DAY " , "	NIGHT " , "	WEIGHTING	WEIGHTED LEQ
MAX	98.8	96.3	0.	68.7
MIN	38.8	40.0	8.	71.6
NPL	86.9	86.1	10.	72.8
SIG	6.6	8.1	12.	74.3
LEQ	69.9	65.4		
TNI	91.7	95.1		
L1	81.7	77.4		
L3	77.5	71.3		
L5	75.3	68.2		
L10	71.5	64.5		
L20	67.5	60.0		
L30	65.2	56.7		
L40	63.5	54.1		
L50	62.0	51.9		
L60	60.5	49.6		
L70	58.9	47.5		
L80	57.1	45.7		
L90	54.9	44.3		
L95	53.2	43.5		
L97	52.3	43.0		
L99	53.7	42.6		

FIGURE B-82(c). DAY/NIGHT NOISE DATA FOR PITTSBURGH SITE 0306



L_{DN} :	58.5 dB
ρ :	3,700 $\frac{\text{people}}{\text{sq. mi.}}$

SITE: 1201
 Address: 1284 Moncoeur
 Maryland Heights, MO
 Microphone Height: 1.5 m.
 Distance to Curb: 9.1 m.

ROADWAY TYPE
 At Site: Local
 Vicinity: Local

TRAFFIC
 At Site: Cars
 Vicinity: Cars

OTHER NOISE SOURCES:

FIGURE B-83(a). DESCRIPTION OF ST. LOUIS SITE 1201

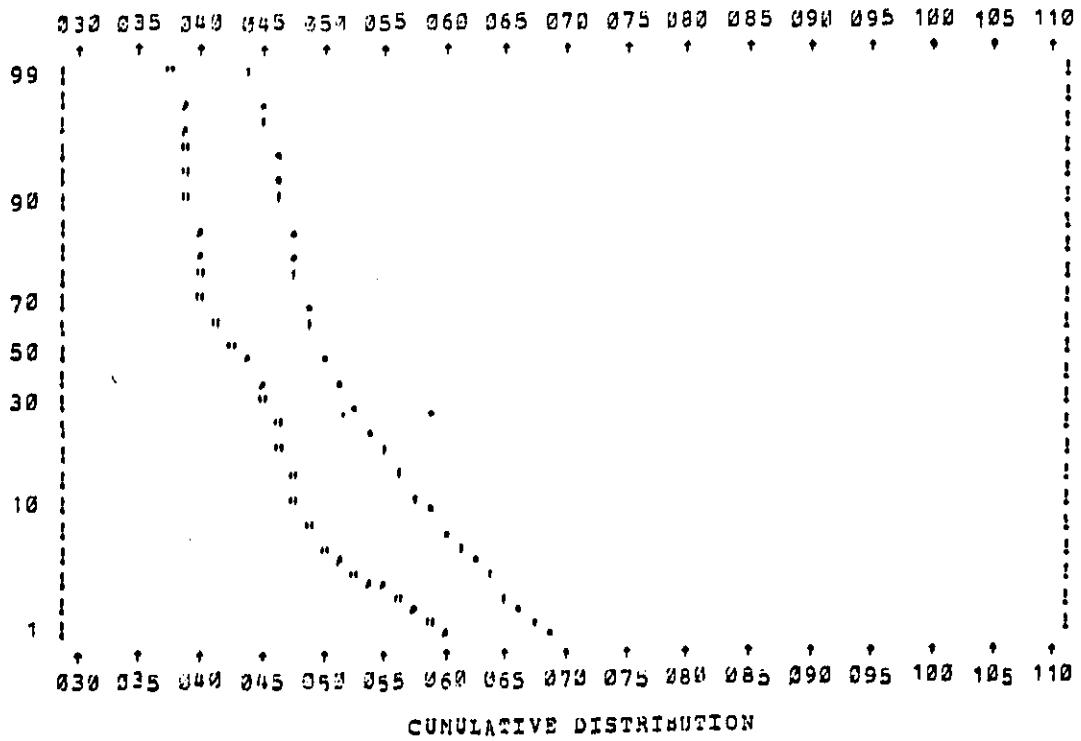
SITE # 1201

HR	MAX	MIN	NPL	SIG	LEQ	TNI	L1	L3	L5	L10	L20
1	63.8	38.8	54.9	3.4	46.1	42.6	56.0	51.2	49.5	48.4	47.0
2	80.0	37.5	64.4	4.2	53.7	34.8	64.5	48.1	46.4	45.9	45.1
3	70.0	37.5	52.2	3.1	44.2	38.8	50.6	47.5	47.2	46.5	45.0
4	71.3	37.5	56.7	3.5	47.7	21.3	62.7	46.6	43.4	41.9	40.9
5	66.3	36.3	54.5	3.7	44.9	37.1	57.4	51.2	48.2	45.6	40.1
6											
7											
8	52.5	43.8	49.7	1.1	46.9	27.2	50.4	49.4	48.7	48.3	47.5
9	73.8	41.3	70.2	5.5	56.1	70.6	67.6	64.9	63.0	59.5	55.0
10	80.0	41.3	73.6	5.9	58.5	69.5	72.2	67.0	63.9	59.3	54.8
11	65.0	41.3	76.7	6.5	60.0	75.4	73.5	70.2	64.3	60.4	56.5
12	73.8	41.3	65.4	4.5	54.0	58.5	65.2	61.9	59.9	56.9	53.5
13	82.5	40.0	68.6	5.2	55.4	64.2	67.0	62.2	60.2	57.2	53.5
14	78.8	42.5	66.0	4.5	54.5	57.4	65.8	60.9	59.0	56.3	52.7
15	83.8	43.8	69.4	4.7	57.3	54.3	70.0	63.3	60.0	56.1	51.9
16	78.8	45.0	64.1	4.0	53.9	55.2	63.7	60.6	59.1	56.7	53.3
17	73.8	43.8	67.1	4.7	55.2	61.3	66.8	63.3	61.2	58.2	54.6
18											
19	85.0	46.3	59.3	4.4	58.1	60.4	68.7	64.9	63.0	60.1	56.9
20	95.0	47.5	71.4	4.2	60.0	59.6	70.0	65.8	63.8	60.9	57.4
21	82.5	46.3	67.9	4.1	57.4	52.6	69.1	63.1	60.5	57.3	54.2
22	83.8	43.8	69.3	4.5	57.8	52.9	69.9	62.4	59.9	56.4	52.6
23	80.0	40.0	65.0	4.4	53.8	52.3	65.0	61.0	58.8	54.4	49.8
24	67.5	40.0	54.4	2.8	47.3	36.0	56.0	52.4	50.6	48.5	47.4

HR	L30	L40	L50	L60	L70	L80	L90	L95	L97	L99
1	45.8	45.1	43.8	42.4	41.6	40.9	40.4	40.1	39.8	39.1
2	44.0	42.0	41.2	40.9	40.5	40.2	39.6	39.2	39.0	38.8
3	45.2	44.4	43.6	41.2	40.3	39.6	39.0	38.7	38.2	37.7
4	40.4	40.0	39.7	39.5	39.3	39.0	38.8	38.4	38.0	37.7
5	41.4	40.5	39.9	39.6	39.3	39.0	38.5	38.0	37.8	37.6
6										
7										
8	47.2	46.9	46.6	46.3	46.0	45.6	45.3	45.1	45.1	44.9
9	52.0	50.1	48.8	48.1	47.4	46.7	45.7	45.0	44.4	43.4
10	52.0	50.0	48.7	48.0	47.3	46.7	45.9	45.3	45.0	44.0
11	53.4	50.9	49.3	48.2	47.4	46.6	45.5	44.5	43.9	42.9
12	51.1	49.8	48.9	48.3	47.7	47.1	46.4	45.5	45.1	44.1
13	51.0	49.4	48.4	47.7	46.9	46.2	44.8	43.4	42.8	41.9
14	50.2	48.8	48.2	47.6	47.1	46.6	45.9	45.4	45.2	44.9
15	49.9	49.0	48.5	48.1	47.7	47.3	46.7	46.4	46.2	45.3
16	51.0	49.7	49.0	48.5	48.1	47.8	47.2	46.7	46.5	46.3
17	52.0	50.4	49.5	48.7	48.3	47.8	47.1	46.6	46.4	45.6
18										
19	54.9	53.5	52.5	51.9	51.3	50.6	49.9	49.1	48.8	48.0
20	55.7	54.7	54.0	53.4	52.8	52.1	51.3	50.6	50.3	49.8
21	52.7	52.0	51.3	50.8	50.2	49.6	48.9	48.2	47.9	47.5
22	51.1	50.3	49.8	49.3	48.9	48.3	47.6	46.7	46.2	45.3
23	48.7	48.2	47.7	47.2	46.7	46.2	45.1	43.9	43.0	41.9
24	46.9	46.5	46.0	45.2	44.1	43.3	42.7	42.2	41.8	41.4

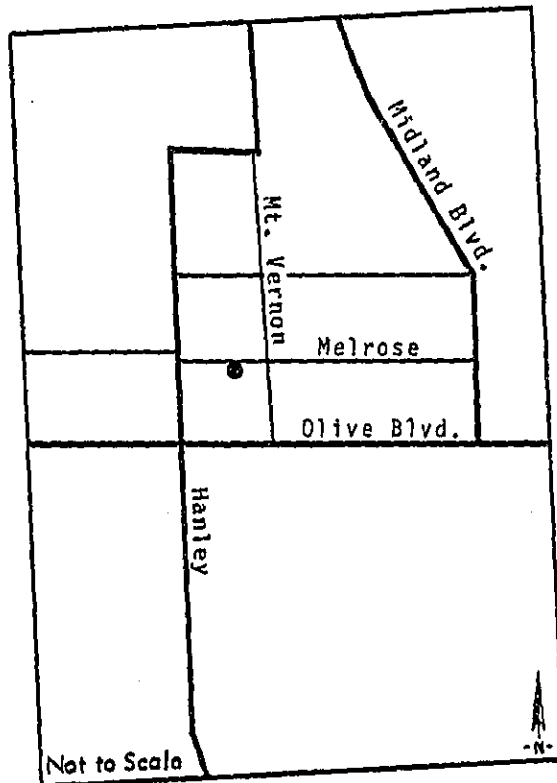
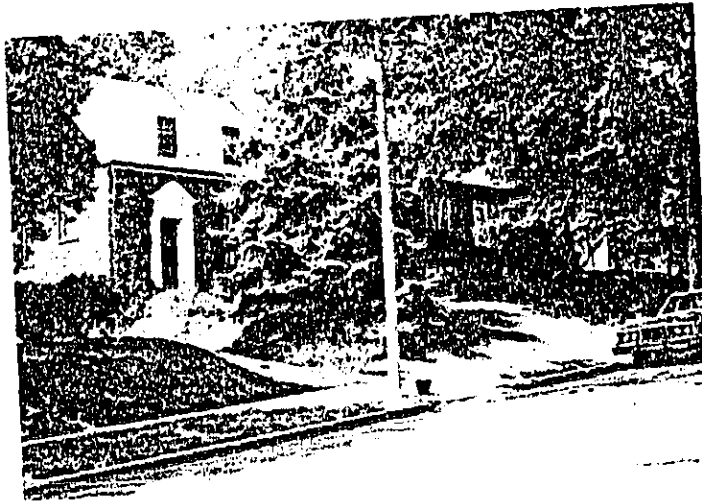
FIGURE B-83(b). HOURLY NOISE DATA FOR ST. LOUIS SITE 1201

SITE # 1201



	DAY ".,."	NIGHT ".,."	WEIGHTING	WEIGHTED LEQ
MAX	95.0	80.0	0.	55.8
MIN	40.0	36.3	8.	57.6
NPL	73.4	61.3	10.	58.5
SIG	5.1	4.5	12.	59.6
LEQ	57.4	49.9		
TNI	63.5	46.1		
L1	69.1	50.2		
L3	63.9	53.9		
L5	61.0	50.4		
L10	58.3	48.4		
L20	54.8	46.9		
L30	52.7	45.8		
L40	51.2	44.7		
L50	50.0	43.1		
L60	49.0	41.4		
L70	48.2	40.6		
L80	47.5	39.8		
L90	46.5	39.2		
L95	45.7	38.8		
L97	45.2	38.5		
L99	43.9	37.8		

FIGURE B-83(c). DAY/NIGHT NOISE DATA FOR ST. LOUIS SITE 1201



L_{DN} : 62.9 dB
 ρ : 5,700 $\frac{\text{people}}{\text{sq. mi.}}$

SITE: 1203
 Address: 7414 Melrose Ave.
 University, MO
 Microphone Height: 3.7 m.
 Distance to Curb: 9.1 m.

ROADWAY TYPE

At Site: Local
 Vicinity: Arterial

TRAFFIC

At Site: Cars
 Vicinity: Cars, Trucks

OTHER NOISE SOURCES:

FIGURE B-84(a). DESCRIPTION OF ST. LOUIS SITE 1203

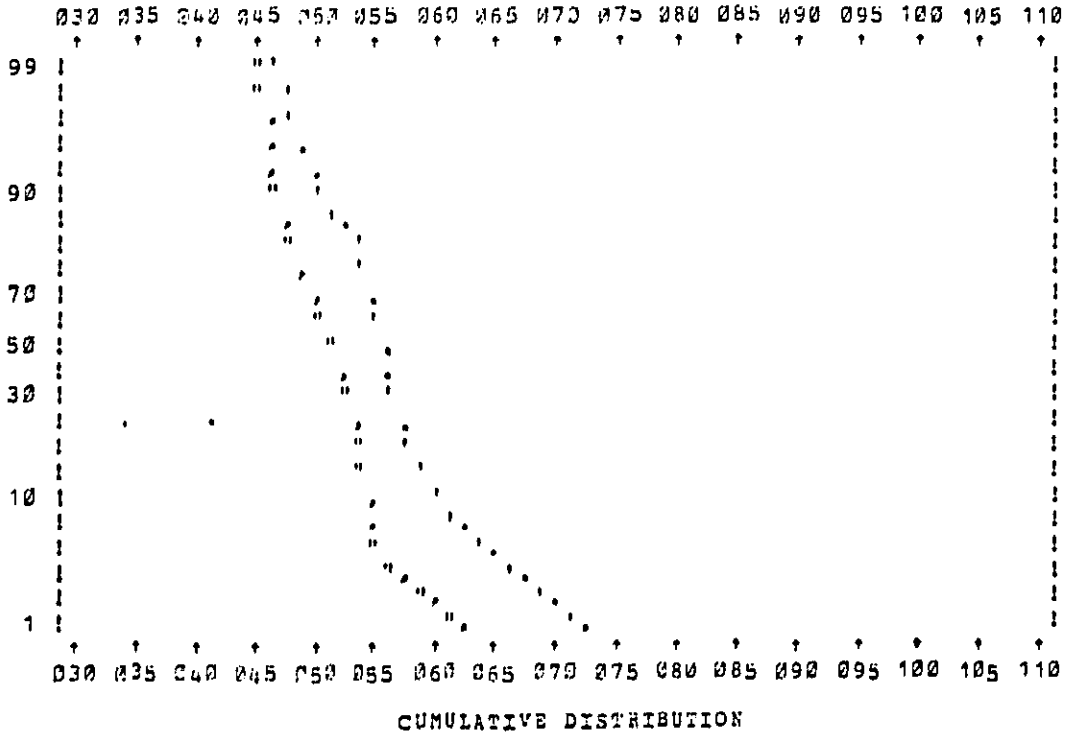
SITE # 1233

HR	MAX	MIN	NPL	SIG	LEQ	TNI	L1	L3	L5	L10	L20
1	75.0	47.5	61.0	2.3	55.2	35.3	64.0	58.1	56.1	55.0	54.5
2	70.0	47.5	58.7	2.0	53.7	37.6	61.1	56.6	55.8	54.9	54.3
3	61.3	47.5	56.3	1.6	51.8	36.3	55.9	54.7	54.2	53.6	52.9
4	56.3	46.3	53.1	1.0	50.4	30.4	52.5	52.3	52.2	51.0	51.2
5	63.8	43.8	55.5	2.4	49.5	36.0	58.4	53.6	51.4	50.8	50.0
6	71.3	43.8	54.5	2.1	49.0	31.1	55.4	51.1	50.3	49.3	48.2
7	67.5	42.5	54.7	2.3	48.7	33.9	56.6	52.8	51.3	49.9	48.7
8	78.8	43.8	69.7	4.8	57.3	53.4	71.0	65.6	61.7	56.2	52.6
9	78.8	45.0	73.7	5.6	59.3	71.0	71.9	68.5	66.1	61.1	55.7
10	91.3	52.5	82.4	5.7	67.7	65.6	81.7	75.6	71.3	64.4	58.2
11	85.0	47.5	71.9	4.7	59.8	54.7	72.7	67.5	63.2	58.3	54.7
12	81.3	50.0	70.9	3.9	60.9	55.9	72.6	68.0	65.5	62.0	59.6
13	83.8	52.5	69.9	3.5	60.0	46.9	72.1	66.8	63.6	59.7	57.1
14	88.8	52.5	68.4	2.8	61.2	39.0	70.2	63.4	61.0	58.6	57.3
15	85.0	52.5	71.4	3.7	61.9	50.8	74.8	68.7	65.1	61.5	58.7
16	85.0	52.5	63.7	2.2	58.0	39.6	67.1	62.9	60.9	58.7	57.4
17	85.0	53.8	65.7	2.6	59.1	40.9	69.5	63.8	61.5	59.1	57.5
18											
19											
20	86.3	52.5	67.8	2.9	60.4	52.9	68.0	65.7	64.4	62.5	60.7
21	81.3	51.3	64.1	2.5	57.7	47.1	65.6	62.8	61.5	59.8	58.2
22	87.5	51.3	73.2	4.1	62.7	46.6	77.1	66.7	64.0	58.9	56.1
23	81.3	50.0	67.7	3.4	59.0	41.9	71.7	64.1	60.7	57.4	55.5
24	82.5	48.8	66.5	3.2	58.3	38.3	69.5	63.0	59.9	55.9	54.8

HR	L30	L40	L50	L60	L70	L80	L90	L95	L97	L99
1	54.0	53.6	53.3	52.9	52.6	52.1	51.5	51.1	50.6	50.2
2	53.7	53.3	52.9	52.6	52.0	51.5	50.7	50.2	50.0	49.2
3	52.3	51.8	51.2	50.8	50.4	49.9	49.3	49.0	48.9	48.5
4	50.9	50.6	50.4	50.1	49.8	49.3	48.9	48.4	48.0	47.6
5	49.5	49.0	48.4	47.8	47.2	46.6	45.8	45.3	45.1	44.6
6	47.5	47.2	46.9	46.6	46.3	45.8	45.4	45.2	45.1	44.6
7	48.1	47.5	47.0	46.6	46.2	45.7	45.2	44.9	44.4	43.9
8	50.9	49.9	49.3	48.8	48.3	47.8	47.2	46.7	46.4	46.1
9	54.3	52.8	51.3	50.4	49.6	48.8	47.8	47.1	46.7	46.3
10	56.3	55.8	55.4	54.9	54.6	54.3	54.0	53.9	53.8	53.4
11	53.2	52.2	51.6	51.1	50.6	50.2	49.5	49.1	48.9	48.4
12	58.2	57.2	56.2	55.6	55.0	54.5	54.0	53.7	53.0	52.0
13	56.2	55.7	55.3	54.9	54.6	54.3	54.0	53.8	53.7	52.9
14	57.0	56.6	56.2	55.9	55.7	55.4	55.1	54.8	54.4	54.0
15	57.5	57.1	56.6	56.2	55.8	55.4	55.1	54.8	54.5	53.9
16	57.1	56.7	56.3	56.0	55.7	55.4	55.1	54.8	54.5	53.9
17	57.1	56.7	56.3	56.0	55.7	55.4	55.1	54.8	54.4	54.0
18										
19										
20	59.7	58.9	58.3	57.7	57.1	56.5	55.7	55.1	54.8	54.1
21	57.4	56.8	56.3	55.8	55.3	54.7	54.0	53.5	53.1	52.7
22	55.3	54.8	54.6	54.3	54.0	53.6	53.0	52.8	52.6	52.5
23	54.8	54.4	53.9	53.6	53.2	52.9	52.5	51.9	51.6	51.3
24	54.3	53.9	53.6	53.2	52.9	52.5	51.8	51.5	51.3	50.7

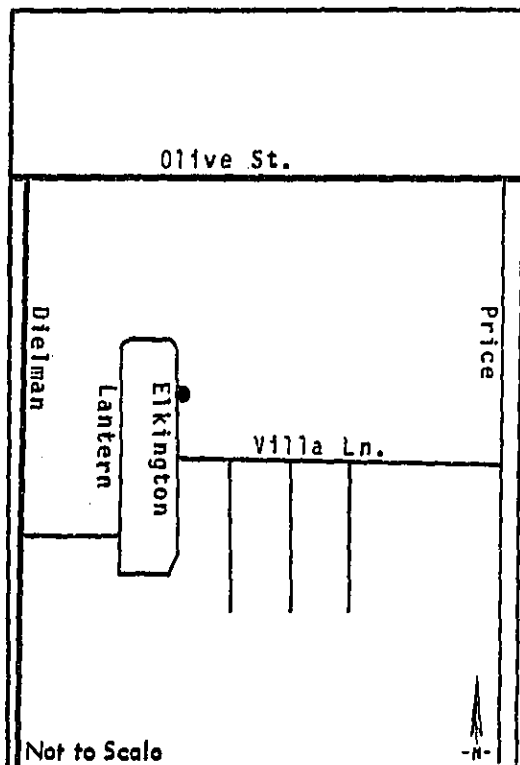
FIGURE B-84(b). HOURLY NOISE DATA FOR ST. LOUIS SITE 1203

SITE # 1223



	DAY ".",	NIGHT "*",	WEIGHTING	WEIGHTED LEQ
MAX	91.3	82.5	0.	60.0
MIN	43.0	42.5	8.	61.9
NPL	73.0	63.8	10.	62.9
SIG	4.5	3.6	12.	64.1
LEQ	61.5	54.5		
TNI	62.4	49.5		
L1	72.6	62.7		
L3	66.7	57.3		
L5	63.9	55.8		
L10	62.5	54.7		
L20	58.8	53.7		
L30	57.0	53.0		
L40	56.3	52.3		
L50	55.7	51.3		
L60	55.2	50.4		
L70	54.6	49.3		
L80	53.9	47.8		
L90	50.6	46.5		
L95	48.8	45.7		
L97	48.0	45.4		
L99	47.0	45.0		

FIGURE B-84(c). DAY/NIGHT NOISE DATA FOR ST. LOUIS SITE 1203



L_{DN} : 56.2 dB
 ρ : 3,100 $\frac{\text{people}}{\text{sq. mi.}}$

SITE: 1204
 Address: 748 Elkington
 Olivette, MO
 Microphone Height: 1.5 m.
 Distance to Curb: 9.1 m.

ROADWAY TYPE

At Site: Local
 Vicinity: Local

TRAFFIC

At Site: Cars
 Vicinity: Cars

OTHER NOISE SOURCES:

FIGURE B-85(a). DESCRIPTION OF ST. LOUIS SITE 1204

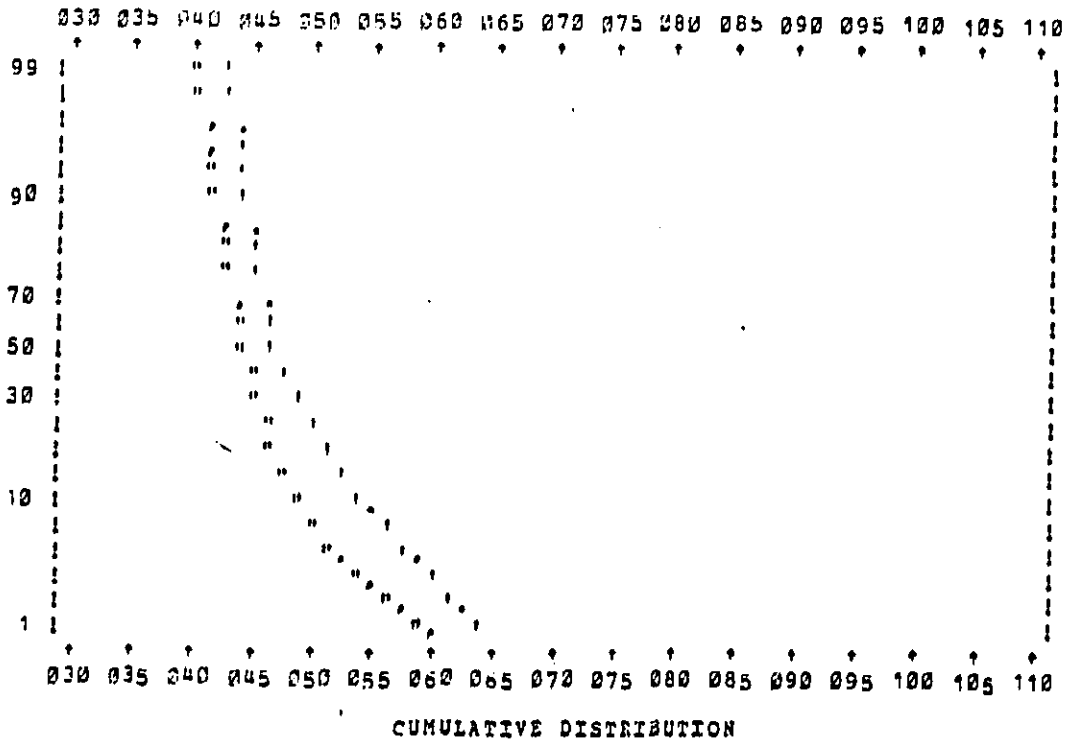
SITE # 1204

HR	MAX	MIN	NPL	SIG	LEQ	TNI	L1	L3	L5	L10	L20
1	67.5	41.3	55.1	2.6	48.5	27.6	61.0	51.5	48.8	47.4	46.7
2	66.3	40.0	53.3	2.6	46.5	34.4	55.1	51.5	50.1	48.0	46.2
3	77.5	38.8	61.4	3.6	52.1	24.9	65.6	50.5	46.2	44.9	44.3
4	61.3	38.8	47.0	1.6	42.8	26.0	47.2	45.3	44.9	44.3	43.5
5	51.3	38.8	46.1	1.2	43.0	24.1	45.9	45.0	44.9	44.5	43.8
6	68.8	38.8	58.1	4.0	47.7	52.8	56.7	54.5	53.4	51.2	48.0
7	70.0	38.8	66.1	5.3	52.6	64.2	64.8	61.9	59.9	55.6	48.8
8	73.8	41.3	65.7	4.7	53.7	62.5	64.4	61.8	60.2	57.2	53.5
9	70.0	41.3	60.2	3.6	50.9	48.8	60.5	56.6	54.9	53.1	51.2
10	73.8	41.3	56.3	3.0	48.7	42.2	56.7	54.2	53.0	51.2	49.3
11	78.8	45.0	62.2	4.1	51.8	47.4	62.2	57.6	55.4	51.8	48.6
12	73.8	45.0	62.8	4.4	51.6	53.1	63.2	59.5	57.4	53.4	49.6
13	76.3	40.0	64.1	4.5	52.5	56.8	62.3	59.2	57.3	54.6	51.2
14	75.0	40.0	71.0	6.0	55.5	74.6	67.1	64.7	62.9	59.2	53.5
15	77.5	41.3	69.7	5.5	55.6	65.6	68.2	63.7	61.4	57.3	53.0
16	72.5	41.3	57.8	3.2	49.5	42.9	59.6	56.3	54.4	51.6	49.1
17	70.0	41.3	67.6	5.2	54.4	60.8	66.6	64.1	61.4	58.3	52.3
18	72.5	41.3	65.3	4.7	53.2	59.1	65.0	62.0	59.3	55.8	51.6
19	76.3	42.5	64.4	4.2	53.7	58.9	62.9	59.9	58.6	56.6	54.2
20	68.8	42.5	58.9	3.4	50.2	46.6	59.8	56.8	55.1	52.9	50.5
21	77.5	42.5	64.5	4.5	52.8	55.9	64.2	61.3	58.9	55.1	51.5
22	66.3	41.3	52.4	2.0	47.3	28.2	55.9	51.0	49.4	48.1	47.2
23	80.0	42.5	58.7	3.1	50.1	39.1	60.4	56.4	54.3	51.2	48.7
24	67.5	41.3	55.5	2.7	48.5	37.1	57.1	53.7	52.1	49.9	48.8

HR	L30	L40	L50	L60	L70	L80	L90	L95	L97	L99
1	46.1	45.8	45.5	45.2	44.9	44.4	44.0	43.8	43.3	42.7
2	45.5	44.9	44.5	44.1	43.7	43.1	42.5	41.8	41.5	41.3
3	43.7	43.4	43.1	42.8	42.5	42.1	41.6	41.3	41.2	40.4
4	43.1	42.7	42.2	41.8	41.4	41.0	40.4	40.2	40.1	39.6
5	43.5	43.2	42.8	42.5	42.1	41.7	41.3	40.6	40.4	40.1
6	46.1	44.9	44.1	43.4	42.6	41.6	40.7	40.2	40.0	39.2
7	46.8	45.8	45.2	44.6	44.1	43.5	42.8	42.1	41.7	41.3
8	51.1	49.6	48.5	47.7	47.0	46.4	45.4	44.8	44.3	43.8
9	49.8	48.6	47.7	46.9	46.2	45.5	44.5	43.9	43.5	42.8
10	48.1	47.2	46.5	45.9	45.4	44.9	44.2	43.8	43.4	42.7
11	47.1	46.1	45.6	45.1	44.6	44.0	43.3	42.8	42.6	41.9
12	47.9	47.0	46.2	45.6	45.0	44.3	43.5	42.9	42.7	42.0
13	49.5	48.0	46.9	46.1	45.3	44.6	43.8	43.1	42.8	42.3
14	49.9	48.1	46.9	46.0	45.4	44.7	44.0	43.4	42.9	42.3
15	50.2	48.4	47.2	46.4	45.8	45.3	44.6	44.1	43.9	43.3
16	47.9	47.1	46.6	46.1	45.6	45.2	44.5	44.1	43.9	43.2
17	49.6	48.2	47.3	46.7	46.1	45.5	44.8	44.1	43.9	43.1
18	49.3	48.0	47.1	46.5	45.9	45.4	44.7	44.1	43.8	43.1
19	53.0	52.1	51.3	50.2	48.6	47.1	45.8	45.2	44.8	44.1
20	48.7	47.6	47.0	46.5	46.0	45.5	45.0	44.4	44.1	43.8
21	49.4	47.9	47.0	46.4	45.9	45.4	44.9	44.3	44.0	43.8
22	46.7	46.2	46.0	45.7	45.5	45.2	44.7	44.2	44.0	43.8
23	47.6	47.2	46.8	46.5	46.1	45.7	45.3	45.1	44.8	44.1
24	48.0	47.3	46.5	45.9	45.4	44.9	44.2	43.9	43.6	42.9

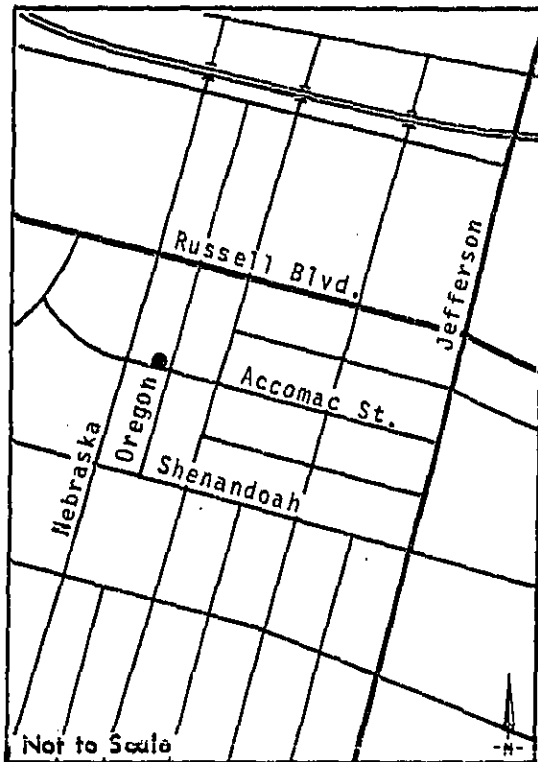
FIGURE B-85(b). HOURLY NOISE DATA FOR ST. LOUIS SITE 1204

SITE # 1274



	DAY '.,'	NIGHT ".,"	WEIGHTING	WEIGHTED LEQ
MAX	76.8	80.2	0.	51.7
MIN	40.0	38.8	6.	54.9
NFL	64.2	58.5	10.	56.2
SIG	4.5	3.7	12.	57.8
LEQ	52.7	49.1		
TNI	55.2	40.8		
L1	64.5	60.5		
L3	60.3	54.5		
L5	58.0	51.9		
L10	54.6	48.9		
L20	51.3	47.0		
L30	49.2	46.0		
L40	47.9	45.2		
L50	47.0	44.5		
L60	46.3	43.9		
L70	45.7	43.2		
L80	45.2	42.6		
L90	44.4	41.6		
L95	43.9	41.0		
L97	43.4	40.5		
L99	42.7	40.1		

FIGURE B-85(c). DAY/NIGHT NOISE DATA FOR ST. LOUIS SITE 1204



L_{DN} :	64.1 dB
ρ :	21,900 $\frac{\text{people}}{\text{sq. mi.}}$

SITE: 1205
 Address: 2837 Accomac St. Louis, MO
 Microphone Height: 3.7 m.
 Distance to Curb: 5.9 m.

ROADWAY TYPE

At Site: Local
 Vicinity: Collector

TRAFFIC

At Site: Cars
 Vicinity: Cars, Trucks

OTHER NOISE SOURCES:

FIGURE B-86(a). DESCRIPTION OF ST. LOUIS SITE 1205

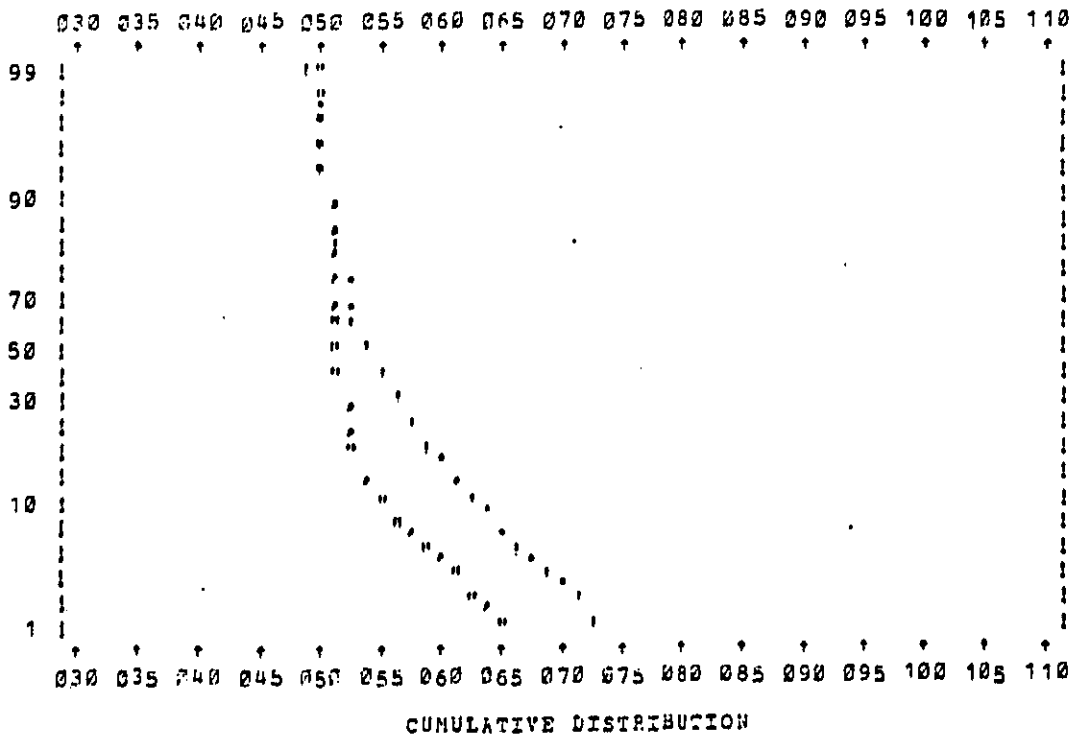
SITE # 1205

HR	MAX	MIN	NFL	STG	LEQ	THI	L1	L3	L5	L10	L20
1	80.0	48.8	59.9	2.2	54.1	31.6	62.5	58.2	55.3	53.2	52.4
2	68.8	50.0	55.4	1.3	52.0	28.7	57.7	54.1	53.1	52.4	52.2
3	78.8	48.8	54.3	1.1	51.6	26.4	55.3	52.7	52.4	52.3	51.9
4	72.5	48.8	54.3	1.0	51.6	28.5	55.9	52.5	52.4	52.3	52.1
5	85.0	50.0	57.6	1.5	54.0	28.4	56.5	52.6	52.5	52.4	52.1
6	76.3	50.0	57.5	1.8	52.8	28.9	62.1	56.1	54.3	52.5	52.3
7	80.0	50.0	62.7	2.8	55.4	41.7	64.4	61.1	59.3	56.1	53.9
8	80.0	50.0	63.0	2.9	55.6	46.2	64.5	61.5	59.9	57.6	55.4
9	72.5	50.0	61.5	2.6	54.9	40.6	64.2	60.6	58.6	56.2	54.6
10	77.5	48.8	64.6	3.3	56.3	51.0	66.0	62.2	60.6	58.5	56.5
11	92.5	47.5	71.0	4.6	59.1	63.9	68.7	65.3	63.6	61.0	57.9
12	87.5	47.5	68.8	4.1	58.3	55.6	67.8	63.8	61.7	58.9	56.0
13	88.8	48.8	76.2	5.5	62.1	74.8	73.6	69.4	67.3	64.2	60.3
14	90.0	47.5	80.4	6.3	64.4	75.7	77.7	72.5	69.3	64.1	58.9
15	80.0	47.5	66.8	4.0	56.6	55.7	66.9	63.5	61.5	58.5	55.6
16	87.5	48.8	81.4	6.5	64.8	95.2	74.6	73.1	72.2	70.0	63.2
17	88.8	47.5	80.4	6.2	64.4	84.7	74.8	73.1	71.9	67.4	63.1
18	87.5	48.8	74.7	5.0	61.8	71.3	72.7	68.7	67.0	64.0	60.7
19	88.8	48.8	77.6	5.6	63.4	76.4	74.7	70.8	68.7	65.6	62.2
20	91.3	48.8	80.9	5.6	66.1	77.1	78.4	71.3	68.8	65.9	62.9
21	92.5	48.8	74.9	4.9	62.4	69.8	72.2	68.4	66.7	64.3	61.4
22	86.3	48.8	70.4	4.3	59.3	58.5	70.2	65.2	63.0	60.0	57.1
23	91.3	48.8	75.1	5.2	61.8	70.2	72.5	68.6	66.6	63.4	59.5
24	88.8	48.8	69.0	4.0	58.7	53.9	66.9	65.0	62.7	58.9	55.4

HR	L30	L40	L50	L60	L70	L80	L90	L95	L97	L99
1	52.1	51.9	51.7	51.5	51.3	50.8	50.4	50.2	50.1	50.0
2	52.0	51.7	51.5	51.3	51.0	50.6	50.3	50.2	50.1	50.0
3	51.6	51.2	51.0	50.8	50.6	50.4	50.2	50.1	50.1	50.0
4	51.8	51.6	51.3	51.1	50.8	50.5	50.3	50.1	50.1	50.0
5	51.9	51.7	51.5	51.3	51.0	50.7	50.3	50.2	50.1	50.0
6	52.1	51.8	51.6	51.4	51.1	50.7	50.4	50.2	50.1	50.0
7	52.9	52.4	52.1	51.9	51.6	51.4	50.9	50.5	50.3	50.1
8	54.2	53.4	52.8	52.4	52.0	51.7	51.4	51.1	50.6	50.2
9	53.7	53.2	52.7	52.3	52.0	51.7	51.4	51.1	50.7	50.2
10	55.2	54.2	53.4	52.8	52.2	51.7	51.0	50.5	50.3	50.1
11	55.7	54.0	52.7	51.8	51.1	50.6	50.1	49.5	49.2	48.9
12	54.4	53.1	52.2	51.5	50.9	50.5	50.0	49.4	49.1	48.9
13	57.7	56.8	54.4	53.3	52.3	51.6	50.7	50.2	50.1	49.3
14	56.0	54.1	52.8	52.0	51.3	50.8	50.3	50.0	49.5	49.0
15	53.7	52.5	51.7	51.1	50.6	50.2	49.5	49.1	49.0	48.8
16	60.5	58.6	57.0	55.6	54.2	52.9	51.6	50.8	50.4	50.1
17	60.2	58.1	56.4	55.0	53.9	52.7	51.6	50.9	50.5	50.1
18	58.3	56.8	55.6	54.6	53.6	52.5	51.6	51.0	50.6	50.2
19	59.7	57.7	56.2	55.0	53.9	52.9	51.9	51.4	51.1	50.4
20	60.7	58.9	57.2	55.7	54.6	53.4	52.2	51.6	51.3	50.5
21	59.4	57.6	56.3	55.3	54.3	53.4	52.4	51.6	51.3	50.4
22	55.3	53.9	52.9	52.2	51.6	51.0	50.5	50.2	50.1	49.9
23	57.1	55.2	53.8	52.8	52.2	51.7	51.1	50.6	50.3	50.1
24	53.7	52.6	52.2	51.9	51.6	51.3	50.6	50.3	50.2	50.1

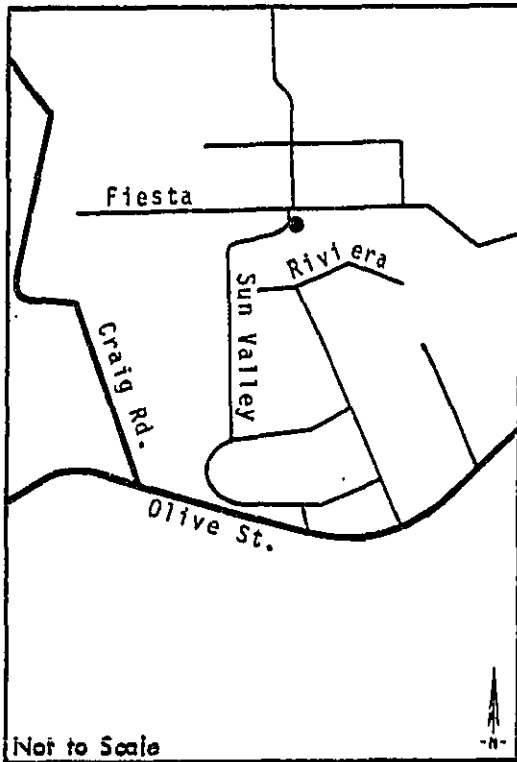
FIGURE B-86(b). HOURLY NOISE DATA FOR ST. LOUIS SITE 1205

SITE # 1205



	DAY "	NIGHT "	WEIGHTING	WEIGHTED LEQ
MAX	92.5	91.3	0.	60.5
MIN	47.5	48.8	8.	62.9
NPL	75.5	64.0	10.	64.1
SIG	5.3	3.0	12.	65.4
LEQ	61.9	56.2		
TNI	70.1	39.2		
L1	73.4	66.2		
L3	69.2	61.5		
L5	66.4	58.8		
L10	63.0	55.1		
L20	59.3	52.5		
L30	56.9	52.2		
L40	55.3	52.0		
L50	54.0	51.7		
L60	53.1	51.5		
L70	52.2	51.2		
L80	51.5	50.8		
L90	50.7	50.4		
L95	50.2	50.2		
L97	50.0	50.1		
L99	49.2	50.0		

FIGURE B-86(c). DAY/NIGHT NOISE DATA FOR ST. LOUIS SITE 1205



Not to Scale

L_{DN} :	60.0	dB
ρ :	3,700	$\frac{\text{people}}{\text{sq. mi.}}$

SITE: 1206
 Address: 57 Sun Valley Dr.
 Maryland Heights, MO
 Microphone Height: 1.5 m.
 Distance to Curb: 9.1 m.

ROADWAY TYPE
 At Site: Local
 Vicinity: Local

TRAFFIC
 At Site: Cars
 Vicinity: Cars

OTHER NOISE SOURCES:

FIGURE B-87(a). DESCRIPTION OF ST. LOUIS SITE 1206

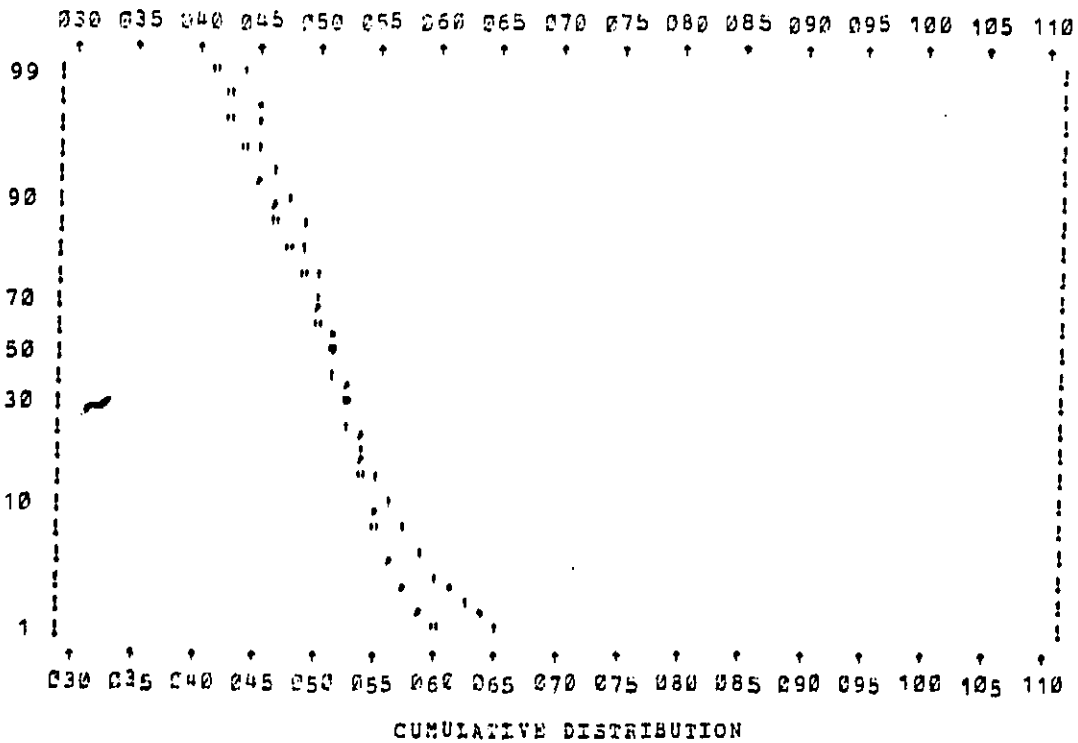
SITE # 1206

HR	MAX	MIN	NFL	SIG	LEQ	TNI	L1	L3	L5	L10	L20
1	76.3	47.5	61.6	2.7	54.7	44.6	62.1	58.6	57.4	56.0	54.8
2	75.0	46.3	60.1	2.6	53.5	40.1	59.3	55.8	54.8	53.9	53.4
3	66.3	45.0	57.7	2.5	51.4	41.0	57.6	55.0	54.3	53.3	52.3
4	62.5	42.0	57.7	3.4	49.0	49.2	54.5	53.2	52.5	52.0	51.2
5	60.0	38.8	56.8	3.4	48.1	47.3	53.3	52.3	52.0	51.2	50.6
6	68.8	41.3	59.2	3.2	51.1	48.4	56.6	55.1	54.6	53.7	52.7
7	75.0	45.0	61.7	2.9	54.3	48.9	61.4	59.3	58.3	56.8	55.0
8	63.8	45.0	60.7	4.1	58.3	56.4	69.2	64.6	62.0	59.0	56.8
9	76.3	42.5	69.5	4.7	57.4	60.7	69.8	65.5	62.7	58.7	55.5
10	81.3	42.5	64.7	4.1	54.3	57.0	64.1	61.1	59.5	56.8	53.9
11	82.5	41.3	64.9	4.3	54.1	54.8	64.6	60.1	57.8	54.8	52.3
12	83.8	41.3	60.8	4.7	56.9	53.5	67.8	60.9	58.2	54.4	52.0
13	75.0	41.3	62.5	3.8	52.6	51.8	62.9	59.2	56.9	54.0	51.7
14	75.0	42.5	61.4	3.3	53.1	49.4	61.8	59.1	57.6	55.3	52.8
15	77.5	46.3	60.6	4.3	57.6	57.3	70.5	64.1	61.2	58.3	55.9
16	80.0	42.5	64.2	3.7	54.7	51.9	64.5	60.2	58.8	57.3	55.2
17	73.8	42.5	60.9	3.0	53.1	38.3	63.8	59.1	56.9	53.8	51.7
18	82.5	48.8	65.7	3.6	56.4	45.7	68.0	62.2	59.7	56.3	53.1
19	78.8	48.8	62.4	2.8	55.1	41.5	65.4	60.1	58.2	55.7	53.6
20	76.3	48.8	62.2	2.6	55.1	41.2	64.4	60.4	58.8	55.9	53.6
21	81.3	47.5	62.6	2.7	55.8	36.7	65.3	59.1	57.4	55.2	53.6
22	75.0	47.5	61.6	2.7	54.7	38.1	64.8	58.2	56.1	54.1	53.5
23	77.5	47.5	64.0	3.1	56.1	40.8	66.6	60.1	57.2	55.1	53.9
24	82.5	47.5	61.0	2.6	54.5	42.0	63.1	58.6	57.3	55.7	54.4

HR	L30	L40	L50	L60	L70	L80	L90	L95	L97	L99
1	54.2	53.6	53.2	52.7	51.9	50.8	49.8	49.2	49.0	48.7
2	52.9	52.5	51.9	51.3	50.1	49.3	48.5	48.0	47.8	47.6
3	51.9	51.6	51.0	49.8	48.7	48.1	47.4	46.8	46.6	46.4
4	50.4	48.9	47.3	46.7	45.8	44.3	43.0	42.3	41.9	41.4
5	49.9	47.7	46.2	45.2	44.4	43.7	42.6	41.7	41.4	40.6
6	51.9	51.1	50.2	49.2	48.0	46.7	45.4	44.6	44.2	43.8
7	54.3	53.5	52.9	52.3	51.5	50.6	49.4	48.6	48.1	47.3
8	55.8	55.0	54.3	53.6	52.8	51.6	49.9	48.8	48.2	47.6
9	54.0	52.9	52.1	51.3	50.5	49.5	48.0	46.8	46.1	45.0
10	52.4	51.7	50.9	50.1	48.9	47.8	46.7	46.0	45.5	45.0
11	51.2	50.6	50.1	49.2	48.0	46.4	44.9	44.1	43.7	42.9
12	51.1	50.5	50.0	48.9	47.1	45.8	44.7	44.0	43.8	42.9
13	50.8	50.2	49.7	49.3	48.9	48.5	44.7	44.0	43.7	42.9
14	51.9	51.2	50.8	50.4	50.1	49.3	47.3	45.9	45.4	44.6
15	51.9	52.7	52.2	51.8	51.3	50.6	48.7	47.7	47.3	46.6
16	52.8	51.4	51.0	50.7	50.4	50.0	49.1	47.2	45.9	44.8
17	51.1	50.8	50.6	50.3	50.1	49.6	48.9	48.4	45.4	44.3
18	52.0	51.2	51.0	50.7	50.5	50.2	49.8	49.3	49.1	48.9
19	52.8	52.3	52.0	51.7	51.5	51.1	50.5	50.2	50.0	49.3
20	52.9	52.4	52.1	51.9	51.6	51.3	50.7	50.4	50.2	50.1
21	53.2	52.8	52.4	52.1	51.9	51.6	51.3	49.9	49.2	48.3
22	53.1	52.6	52.5	52.0	51.6	50.6	49.4	49.0	48.9	48.4
23	53.4	53.1	52.7	52.2	51.3	50.6	49.9	49.3	49.1	48.8
24	53.7	53.3	53.0	52.5	51.9	51.1	50.3	49.7	49.1	48.2

FIGURE B-87(b). HOURLY NOISE DATA FOR ST. LOUIS SITE 1206

SITE # 1206



	DAY "L"	NIGHT "N"	WEIGHTING	WEIGHTED LEQ
MAX	63.8	82.5	0.	54.8
MIN	41.3	36.8	8.	58.6
NPL	65.5	62.7	10.	60.0
SIG	3.9	3.7	12.	61.7
LE0	55.5	53.2		
TNI	51.9	51.4		
L1	66.2	60.6		
L3	61.0	57.3		
L5	58.9	56.1		
L10	56.3	54.7		
L20	53.8	53.5		
L30	52.7	52.9		
L40	52.0	52.2		
L50	51.4	51.5		
L60	50.9	50.6		
L70	50.3	49.6		
L80	49.6	48.1		
L90	47.8	45.8		
L95	45.8	44.0		
L97	45.0	43.1		
L99	43.9	41.9		

FIGURE B-87(c). DAY/NIGHT NOISE DATA FOR ST. LOUIS SITE 1206



L_{DN} :	61.0 dB
ρ :	11,400 $\frac{\text{people}}{\text{sq. mi.}}$

SITE: 1208
 Address: 4542 Varrelmann
 St. Louis, MO
 Microphone Height: 3.7 m.
 Distance to Curb: 9.1 m.

ROADWAY TYPE
 At Site: Local
 Vicinity: Local

TRAFFIC
 At Site: Cars
 Vicinity: Cars, Trucks

OTHER NOISE SOURCES:

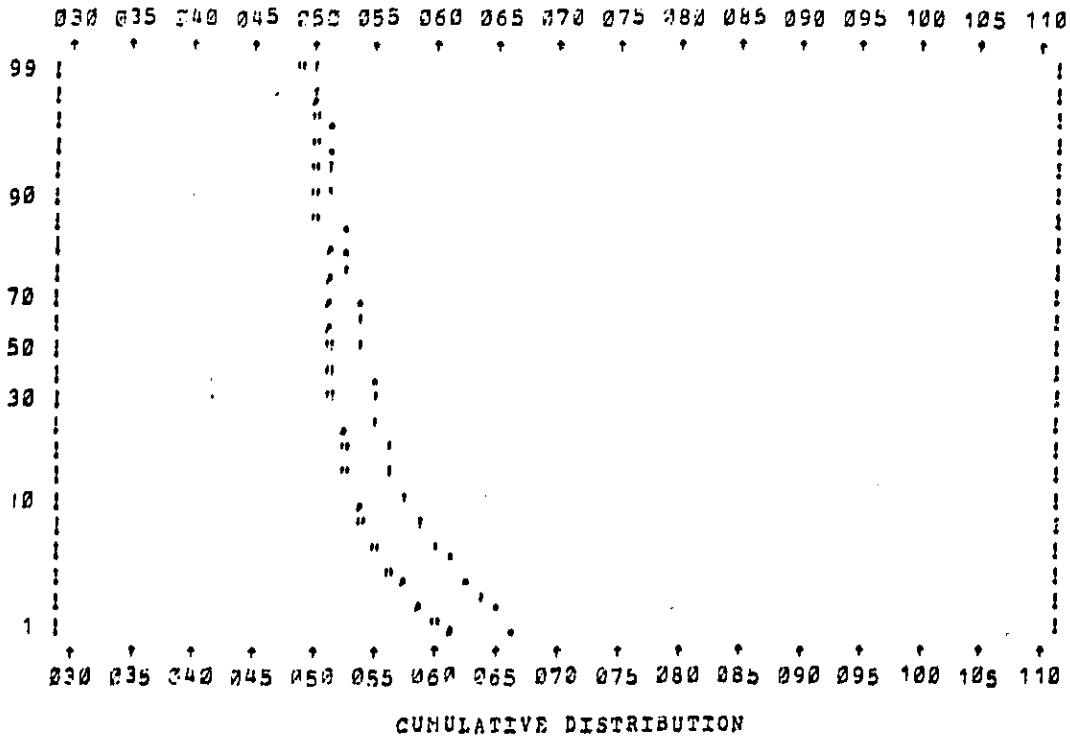
FIGURE B-88(a). DESCRIPTION OF ST. LOUIS SITE 1208

SITE # 1208											
HR	MAX	MIN	MPL	SIG	LEO	TRI	L1	L3	L5	L10	L20
1	83.8	48.8	58.3	1.7	53.9	31.0	58.8	55.0	53.9	52.9	52.3
2	68.8	48.8	54.7	1.2	51.6	29.1	56.5	53.7	53.2	52.4	52.1
3	72.5	48.8	57.0	1.8	52.3	28.9	60.7	54.7	53.3	52.3	51.6
4	93.0	48.8	61.6	2.3	55.6	28.3	64.2	56.2	53.5	52.1	51.2
5	57.5	48.8	52.7	2.7	51.3	27.7	53.8	52.4	52.3	52.0	51.5
6	71.3	48.8	56.9	1.7	52.7	32.7	58.6	55.8	54.6	53.5	52.5
7	75.3	47.5	57.9	2.0	52.9	37.2	59.5	56.9	55.8	54.5	53.3
8	77.5	48.8	64.1	2.8	56.9	43.3	67.4	61.1	58.9	57.4	55.9
9	81.3	48.8	63.1	2.6	56.3	42.6	65.2	60.2	58.6	56.9	55.4
10	82.5	48.8	67.7	3.8	58.1	48.8	70.2	64.8	61.8	58.0	55.4
11	81.3	47.5	67.8	3.9	57.7	54.6	69.2	64.9	62.4	59.1	56.0
12	77.5	47.5	63.2	3.0	55.0	44.5	65.4	61.1	58.8	56.6	54.9
13	83.8	47.5	66.8	3.5	57.8	50.2	67.6	63.8	61.6	58.5	56.1
14	78.8	48.8	64.9	3.1	57.1	50.2	66.1	62.9	61.2	59.2	57.4
15	103.7	50.0	72.1	3.4	63.5	49.3	68.7	63.4	61.5	59.3	56.4
16	81.3	51.3	63.7	2.5	57.2	43.3	65.6	62.5	60.8	58.4	56.3
17	82.5	51.3	63.3	2.3	57.3	42.5	65.7	62.3	60.8	58.7	57.2
18	77.5	52.5	64.7	2.7	57.8	45.2	67.4	63.7	61.8	59.3	57.3
19	75.0	51.3	62.3	2.3	56.4	39.8	65.2	61.5	59.7	57.4	56.0
20	73.8	51.3	61.4	2.1	56.1	38.9	64.2	60.9	59.4	57.5	56.1
21	81.3	48.8	66.1	3.1	58.1	46.8	67.5	62.1	60.1	58.0	56.1
22	78.8	48.8	62.2	2.6	55.0	42.0	64.5	60.5	58.3	55.9	54.0
23	81.3	48.8	64.6	3.1	56.7	45.5	66.2	62.1	60.0	57.5	55.6
24	76.3	48.8	59.6	2.3	53.7	33.7	64.6	57.7	55.5	53.7	52.8

HR	L30	L40	L50	L60	L70	L80	L90	L95	L97	L99
1	52.0	51.7	51.4	51.1	50.8	50.5	50.3	50.1	50.1	50.0
2	51.7	51.3	51.1	50.9	50.6	50.4	50.2	50.1	50.0	49.5
3	51.1	51.0	50.8	50.6	50.4	50.2	50.1	49.7	49.3	48.9
4	51.1	50.9	50.7	50.6	50.4	50.2	50.1	49.7	49.3	48.9
5	51.1	51.0	50.8	50.6	50.5	50.3	50.1	50.0	50.0	49.2
6	52.3	52.0	51.8	51.5	51.3	50.9	50.4	50.2	50.1	50.0
7	52.6	52.2	51.8	51.5	51.1	50.7	50.3	50.0	49.7	49.0
8	55.0	54.5	54.0	53.5	53.1	52.7	52.0	51.5	51.3	50.6
9	54.6	54.1	53.6	53.2	52.8	52.3	51.7	51.4	51.2	50.4
10	54.4	53.6	53.1	52.6	52.1	51.6	51.0	50.5	50.2	50.0
11	54.5	53.5	52.9	52.4	51.9	51.4	50.6	50.2	50.0	49.2
12	54.0	53.4	52.8	52.3	51.9	51.4	50.6	50.2	50.0	49.1
13	53.1	52.4	51.7	51.1	50.6	50.1	49.3	48.6	48.3	47.5
14	56.3	55.5	54.8	54.2	53.6	52.9	52.2	51.6	51.4	50.8
15	55.2	54.6	54.1	53.7	53.3	53.0	52.7	52.4	51.9	51.5
16	55.7	55.1	54.8	54.5	54.2	53.9	53.4	52.9	52.7	52.5
17	56.3	55.9	55.6	55.3	54.9	54.5	54.1	53.8	53.8	52.9
18	56.4	55.9	55.5	55.1	54.7	54.3	54.0	53.8	53.5	52.8
19	56.3	54.9	54.6	54.4	54.1	53.8	53.2	52.9	52.7	52.6
20	55.5	55.0	54.7	54.5	54.2	54.0	53.7	53.1	52.9	52.6
21	55.2	54.7	54.4	54.1	53.7	52.7	51.7	51.1	50.7	50.2
22	53.2	52.8	52.2	51.8	51.5	51.1	50.5	50.2	50.1	50.0
23	54.5	53.7	53.2	52.7	52.3	51.9	51.5	51.3	50.8	50.3
24	52.3	52.0	51.7	51.4	51.1	50.7	50.4	50.2	50.1	50.0

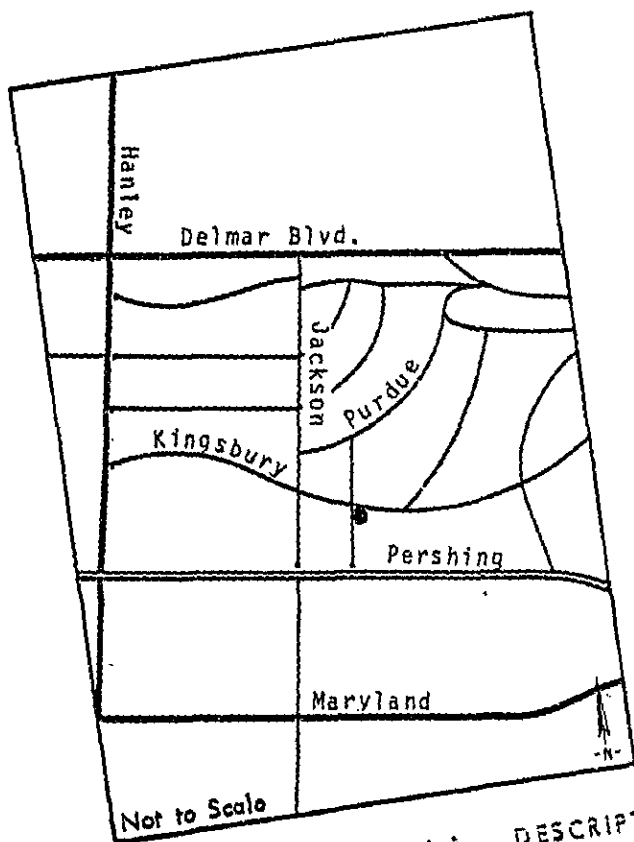
FIGURE B-88(b). HOURLY NOISE DATA FOR ST. LOUIS SITE 1208

SITE # 1208



	DAY '.,'	NIGHT ",,"	WEIGHTING	WEIGHTED LEQ
MAX	83.7	90.0	0.	56.6
MIN	47.5	47.5	8.	59.7
NPL	65.7	59.3	10.	61.0
SIG	3.1	2.2	12.	62.5
LEQ	57.8	53.7		
TNI	47.6	34.2		
L1	66.8	61.4		
L3	62.5	57.0		
L5	60.5	55.5		
L10	58.1	53.7		
L20	56.2	52.5		
L30	55.4	52.1		
L40	54.8	51.7		
L50	54.3	51.3		
L60	53.8	51.0		
L70	53.2	50.7		
L80	52.5	50.5		
L90	51.6	50.2		
L95	51.0	50.1		
L97	50.5	50.0		
L99	50.1	49.2		

FIGURE B-88(c). DAY/NIGHT NOISE DATA FOR ST. LOUIS SITE 1208



LDN: 61.5 dB
 P: 9,800 $\frac{\text{people}}{\text{sq. mi.}}$

SITE: 1209
 Address: 7380 Kingsbury
 University City, MO
 Microphone Height: 1.5 m.
 Distance to Curb: 7.6 m.

ROADWAY TYPE
 At Site: Local
 Vicinity: Local

TRAFFIC
 At Site: Cars
 Vicinity: Cars

OTHER NOISE SOURCES:

FIGURE B-89(a). DESCRIPTION OF ST. LOUIS SITE 1209

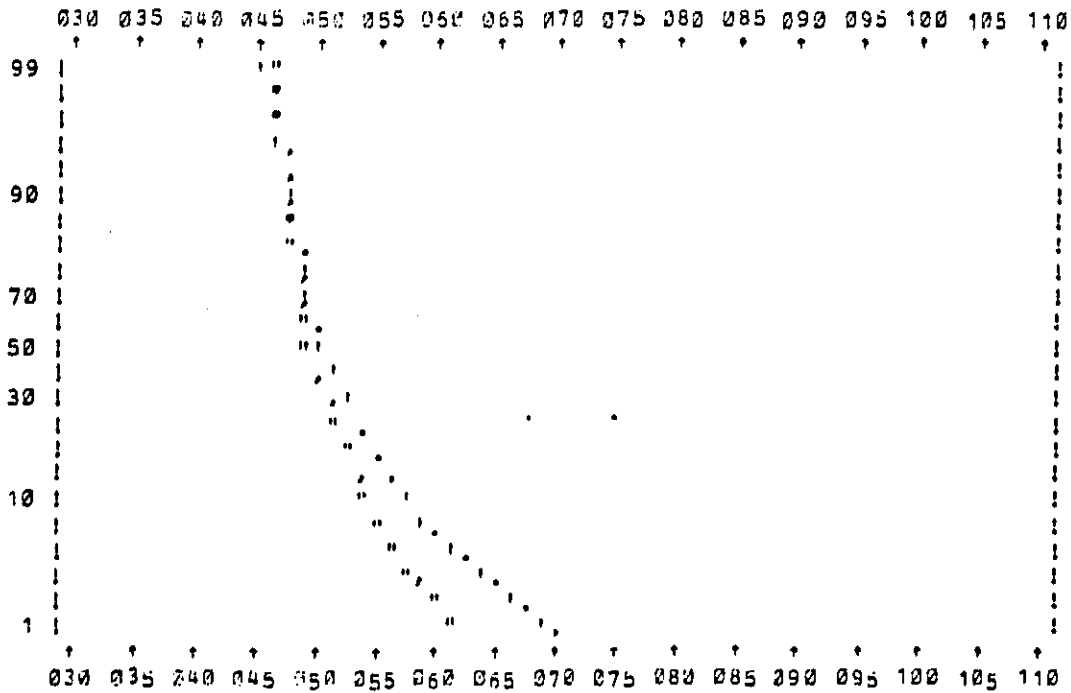
SITE # 1209

HR	MAX	MIN	NPL	SIG	LEO	TNI	L1	L3	L5	L10	L20
1	67.5	46.3	58.3	2.3	52.4	41.0	59.2	56.1	55.5	54.5	53.4
2	68.8	46.3	59.0	2.6	52.4	43.7	57.9	56.0	55.7	54.9	54.0
3	70.0	46.3	55.9	2.1	50.6	39.6	55.7	54.6	54.1	53.3	52.0
4	62.5	45.0	52.4	1.4	48.7	29.9	52.9	51.2	50.9	50.0	49.0
5	66.3	45.0	50.9	1.1	47.9	25.1	51.9	49.8	49.2	48.7	48.4
6	73.8	45.0	57.0	2.6	50.4	40.2	58.4	55.9	54.6	52.6	50.1
7	67.5	45.0	54.7	1.9	50.0	30.2	58.3	53.4	52.0	50.8	49.8
8	78.8	47.5	60.7	2.9	53.3	42.8	62.0	58.9	57.3	54.9	52.7
9	82.5	43.8	68.6	4.5	57.0	57.5	67.4	61.9	60.0	57.3	54.6
10	73.8	45.0	64.8	4.0	54.6	57.1	64.2	61.1	59.7	57.7	55.5
11	81.3	43.8	63.7	3.8	54.1	51.2	63.2	59.5	57.6	55.4	53.2
12	72.5	45.0	63.1	3.7	53.8	51.7	64.0	59.9	58.1	56.1	54.1
13	75.0	45.0	61.2	3.3	52.9	46.7	62.7	58.8	57.2	54.9	52.6
14	76.3	45.0	62.6	3.4	53.8	43.9	65.3	60.9	58.1	54.4	52.3
15	88.8	45.0	72.7	5.0	60.0	62.4	72.5	66.1	63.3	59.7	55.9
16	75.0	45.0	62.4	3.2	54.2	47.3	63.9	59.8	58.2	56.0	53.9
17	75.0	42.5	61.3	3.6	52.2	49.6	62.3	58.0	57.2	54.6	51.9
18	85.0	43.8	80.0	6.4	63.5	76.7	78.0	69.6	66.9	62.3	57.3
19	80.0	43.8	76.1	6.3	59.9	80.0	72.2	69.0	67.5	62.5	55.9
20	95.0	43.8	91.4	8.4	70.0	81.5	84.0	78.1	74.1	62.6	55.4
21	81.3	45.0	71.0	5.1	57.9	72.8	66.1	64.6	63.6	61.6	59.4
22	73.8	46.3	59.7	2.6	53.1	39.6	62.2	56.8	55.2	54.0	53.1
23	83.8	46.3	68.6	4.5	57.0	66.8	65.0	63.6	62.6	61.1	58.6
24	81.3	47.5	62.6	3.0	54.9	41.1	66.3	58.2	55.9	54.6	53.6

HR	L30	L40	L50	L60	L70	L80	L90	L95	L97	L99
1	52.7	51.9	51.1	50.5	49.9	49.5	49.0	48.8	48.7	47.9
2	53.1	52.1	51.0	49.9	49.5	49.1	48.7	48.1	47.8	47.6
3	50.6	49.8	49.4	49.0	48.6	48.2	47.9	47.7	47.6	47.5
4	48.6	48.3	48.1	47.9	47.6	47.3	46.8	46.5	46.4	46.3
5	48.1	47.8	47.5	47.3	47.0	46.7	46.5	46.4	46.3	46.3
6	49.0	48.5	48.2	48.0	47.7	47.3	46.8	46.5	46.4	46.3
7	49.5	49.1	48.8	48.5	48.2	47.9	47.7	47.5	47.2	46.6
8	51.5	50.9	50.4	49.9	49.6	49.3	48.9	48.7	48.2	47.7
9	52.8	51.4	50.1	49.2	48.5	47.9	47.2	46.7	46.5	46.1
10	53.7	52.1	50.9	50.1	49.4	48.7	47.9	47.4	46.9	46.4
11	51.7	50.5	49.6	48.8	48.2	47.6	46.9	46.5	46.3	45.6
12	52.6	51.5	50.6	49.8	49.0	48.3	47.6	46.9	46.6	46.3
13	51.3	50.5	49.8	49.3	48.8	48.2	47.7	47.3	46.9	46.4
14	51.3	50.7	50.1	49.5	49.0	48.5	47.8	47.5	47.0	46.5
15	53.7	52.5	51.7	51.0	50.3	49.6	48.8	48.1	47.8	47.4
16	52.8	52.1	51.4	50.8	50.3	49.6	48.9	48.3	47.9	47.6
17	50.5	49.6	48.8	48.3	47.7	47.0	46.3	45.6	45.3	45.0
18	55.3	53.7	52.1	50.6	49.5	48.5	47.6	46.8	46.5	46.2
19	53.3	51.4	50.0	49.0	48.3	47.6	46.7	46.3	45.8	45.3
20	53.4	52.0	50.8	49.6	48.4	47.4	46.4	45.6	45.3	45.0
21	57.7	56.3	55.1	53.6	51.4	49.0	47.9	47.2	46.8	46.4
22	52.5	51.9	51.3	50.7	50.1	49.5	48.9	48.2	47.9	47.6
23	56.3	53.9	52.6	51.6	50.8	50.0	49.2	48.8	48.4	47.8
24	52.8	52.1	51.3	50.7	50.1	49.6	49.1	48.9	48.8	48.2

FIGURE B-89(b). HOURLY NOISE DATA FOR ST. LOUIS SITE 1209

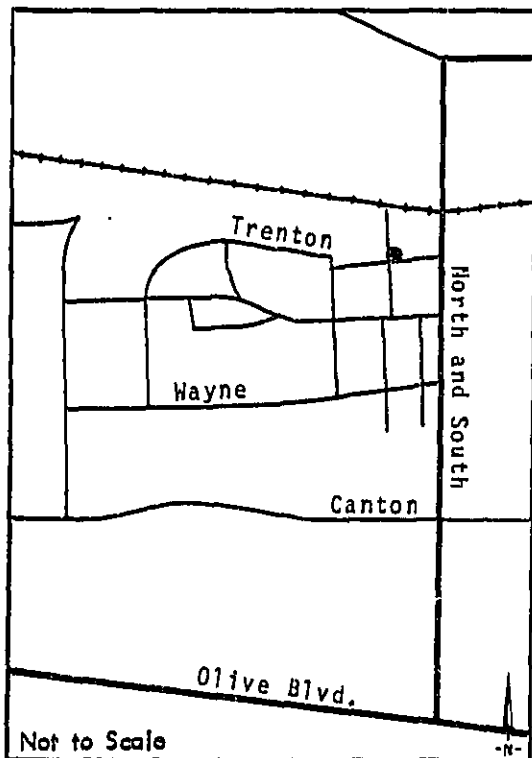
SITE # 1209



CUMULATIVE DISTRIBUTION

	DAY ","	NIGHT ","	WEIGHTING	WEIGHTED LEQ
MAX	95.0	83.8	0.	59.0
MIN	42.5	45.0	8.	60.6
NPL	73.1	60.8	10.	61.5
SIG	4.9	3.2	12.	62.6
LEQ	60.7	52.5		
TNI	58.1	45.4		
L1	72.6	62.3		
L3	64.1	58.6		
L5	61.1	56.2		
L10	57.7	54.4		
L20	54.7	52.6		
L30	52.9	51.2		
L40	51.7	50.0		
L50	50.7	49.4		
L60	49.9	48.9		
L70	49.2	48.4		
L80	48.4	47.9		
L90	47.6	47.3		
L95	46.8	46.8		
L97	46.5	46.6		
L99	45.7	46.4		

FIGURE B-89(c). DAY/NIGHT NOISE DATA FOR ST. LOUIS SITE 1209



L_{DN} :	64.2	dB
ρ :	5,400	$\frac{\text{people}}{\text{sq. mi.}}$

SITE: 1210
 Address: 7719 Trenton
 University City, MO
 Microphone Height: 3.7 m.
 Distance to Curb: 15.2 m.

ROADWAY TYPE
 At Site: Local
 Vicinity: Local

TRAFFIC
 At Site: Cars
 Vicinity: Cars

OTHER NOISE SOURCES:

FIGURE B-90(a). DESCRIPTION OF ST. LOUIS SITE 1210

SITE # 1210

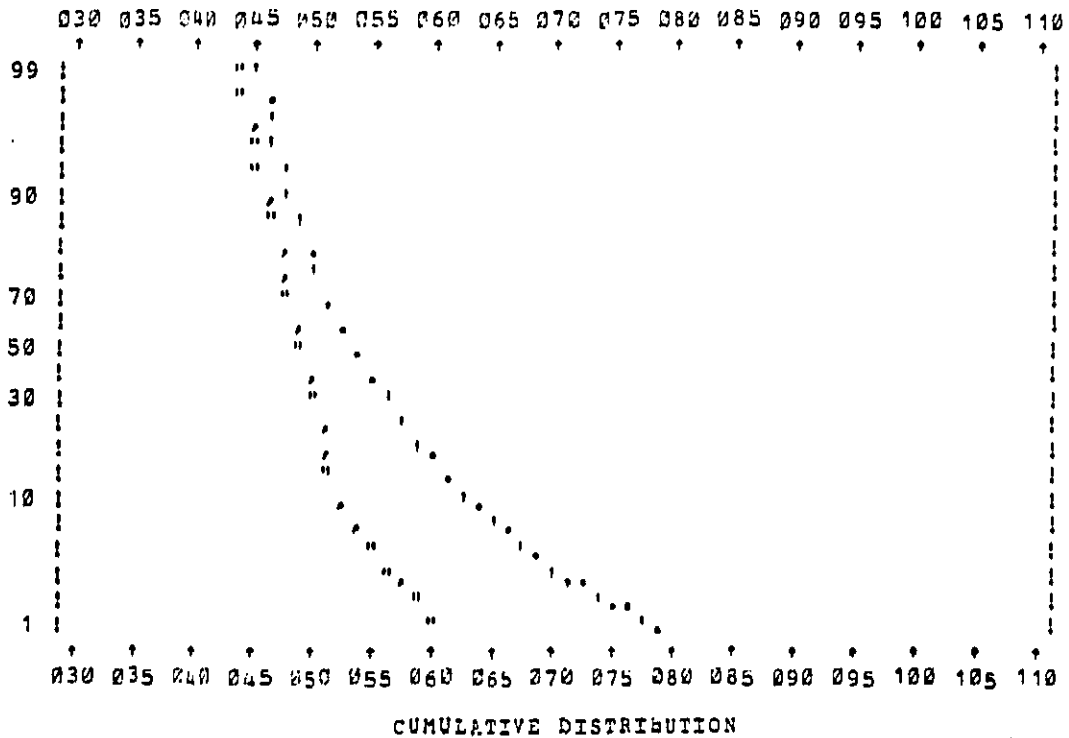
HR	MAX	MIN	NPL	SIG	LEQ	TNI	L1	L3	L5	L10	L20
1	71.3	46.3	55.3	1.7	50.6	30.0	57.6	54.5	52.8	51.6	50.9
2	77.5	46.3	65.4	4.0	55.2	52.4	67.2	61.8	60.3	56.6	52.0
3	71.3	45.0	57.1	2.6	50.5	34.1	61.0	54.7	52.8	50.9	49.3
4	82.5	43.8	59.6	2.3	53.7	28.7	54.9	50.9	49.9	49.4	48.6
5	66.3	42.5	51.4	1.7	47.1	29.5	52.6	49.9	49.2	48.4	47.5
6	61.3	41.3	53.4	2.3	47.5	36.8	53.9	52.0	51.0	49.7	48.4
7	71.3	45.0	58.1	2.5	51.5	40.4	59.8	56.9	55.5	53.5	51.7
8	85.0	46.3	69.8	4.1	59.3	51.6	70.0	63.3	60.5	57.6	54.8
9	80.0	45.0	81.8	7.1	63.6	93.9	74.8	72.2	71.1	67.9	63.7
10	82.5	45.0	69.9	4.6	58.1	66.4	67.3	64.4	63.2	61.3	59.1
11	85.0	43.8	85.0	6.9	67.3	79.4	83.1	68.5	65.7	63.4	61.9
12	78.8	42.5	50.3	3.4	51.6	47.6	61.2	57.7	56.2	54.1	51.4
13	68.8	41.3	56.5	2.8	49.4	38.8	58.4	54.9	53.1	51.1	49.7
14											
15	82.5	48.8	68.8	3.6	59.5	57.2	69.0	65.6	63.6	61.6	59.7
16	73.8	48.8	62.9	2.7	56.1	48.3	63.2	60.9	59.8	58.5	57.1
17	90.0	48.8	98.4	9.3	74.7	125.1	84.8	83.1	82.0	79.8	75.6
18	75.0	46.3	73.1	4.7	61.0	72.8	68.7	67.6	66.9	65.0	62.5
19	82.5	45.0	69.4	4.4	58.1	53.2	69.9	65.0	61.3	57.3	54.1
20	80.0	45.0	63.8	3.7	54.4	52.1	64.8	60.9	58.8	56.6	54.2
21	76.3	46.3	68.8	4.1	57.4	62.9	66.8	64.6	63.2	61.0	57.7
22	92.5	46.8	72.8	3.6	63.7	44.7	67.9	61.1	59.2	56.6	53.9
23	83.8	47.5	60.5	2.6	53.7	42.9	61.5	59.0	57.7	55.7	53.5
24	78.8	47.5	59.7	2.4	53.5	36.2	61.3	57.4	55.7	53.5	52.0

HR	L30	L40	L50	L60	L70	L80	L90	L95	L97	L99
1	50.5	50.1	49.8	49.5	49.3	49.0	48.8	48.1	47.9	47.6
2	50.8	50.0	49.6	49.3	48.9	48.5	48.0	47.7	47.6	47.2
3	48.6	48.2	47.6	47.4	47.1	46.8	46.5	46.3	46.1	45.4
4	48.3	47.9	47.6	47.2	46.9	46.6	46.3	45.8	45.5	45.1
5	47.1	46.6	46.2	45.9	45.6	45.2	44.7	44.2	44.0	43.8
6	47.7	47.1	46.6	46.1	45.5	44.8	44.0	43.5	43.1	42.7
7	50.9	50.4	49.9	49.4	49.0	48.5	47.8	47.3	46.9	46.4
8	53.3	52.3	51.7	51.1	50.7	50.3	49.6	49.1	48.9	48.4
9	59.5	57.2	55.2	52.9	51.3	50.3	49.2	48.7	48.1	47.6
10	57.4	55.7	54.0	52.7	51.6	50.7	49.0	49.0	48.8	47.8
11	60.7	59.5	58.3	56.7	53.5	49.9	48.1	47.1	46.6	45.6
12	49.9	49.0	48.4	47.9	47.3	46.8	46.3	45.6	45.3	45.0
13	48.8	48.1	47.5	46.9	46.4	45.8	45.2	44.7	44.3	43.8
14										
15	58.4	57.4	56.6	55.8	55.0	54.1	53.1	52.5	51.9	51.3
16	56.2	55.5	54.8	54.2	53.5	52.8	51.8	51.3	50.9	50.2
17	71.8	66.7	65.9	62.1	58.9	57.1	54.7	53.1	52.4	51.0
18	61.1	59.9	58.1	56.6	55.2	53.8	52.4	51.5	51.0	49.6
19	52.9	51.9	51.0	50.4	49.8	49.2	48.6	48.0	47.7	47.4
20	52.7	51.7	50.8	50.1	49.5	48.9	48.1	47.0	47.3	46.6
21	55.9	54.7	53.7	52.7	51.9	51.1	50.4	50.0	49.4	48.9
22	53.1	52.4	52.1	51.8	51.5	51.1	50.5	50.2	50.1	49.7
23	52.4	51.9	51.3	51.0	50.7	50.3	50.0	49.4	49.1	48.9
24	51.2	51.0	50.7	50.5	50.2	49.9	49.3	49.0	48.9	48.8

FIGURE B-90(b). HOURLY NOISE DATA FOR ST. LOUIS SITE 1210

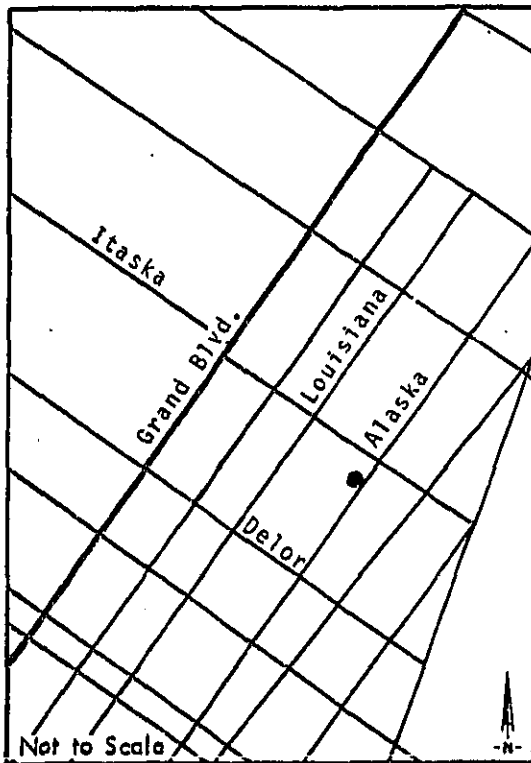
DRAFT AVIATION AND P. ADMIN.

SITE # 1210



	DAY ".."	NIGHT "*,",	WEIGHTING	WEIGHTED LEQ
MAX	92.5	83.8	0.	63.2
MIN	41.3	41.3	8.	63.8
NPL	81.9	68.4	10.	64.2
SIG	6.6	3.2	12.	64.8
LEQ	65.1	52.2		
TNI	77.2	41.9		
L1	79.3	61.0		
L3	71.2	56.9		
L5	67.5	54.9		
L10	62.9	52.5		
L20	59.1	51.1		
L30	56.8	50.4		
L40	54.9	49.8		
L50	53.3	49.1		
L60	52.1	48.5		
L70	51.0	47.7		
L80	49.8	46.9		
L90	48.2	46.0		
L95	46.9	45.2		
L97	46.3	44.6		
L99	45.3	43.9		

FIGURE B-90(c). DAY/NIGHT NOISE DATA FOR ST. LOUIS SITE 1210



L_{DN} :	63.4 dB
ρ :	14,600 $\frac{\text{people}}{\text{sq. mi.}}$

SITE: 1211
 Address: 4719 Alaska
 St. Louis, MO
 Microphone Height: 3.7 m.
 Distance to Curb: 6.4 m.

ROADWAY TYPE
 At Site: Local
 Vicinity: Collector

TRAFFIC
 At Site: Cars
 Vicinity: Cars

OTHER NOISE SOURCES:

FIGURE B-91(a). DESCRIPTION OF ST. LOUIS SITE 1211

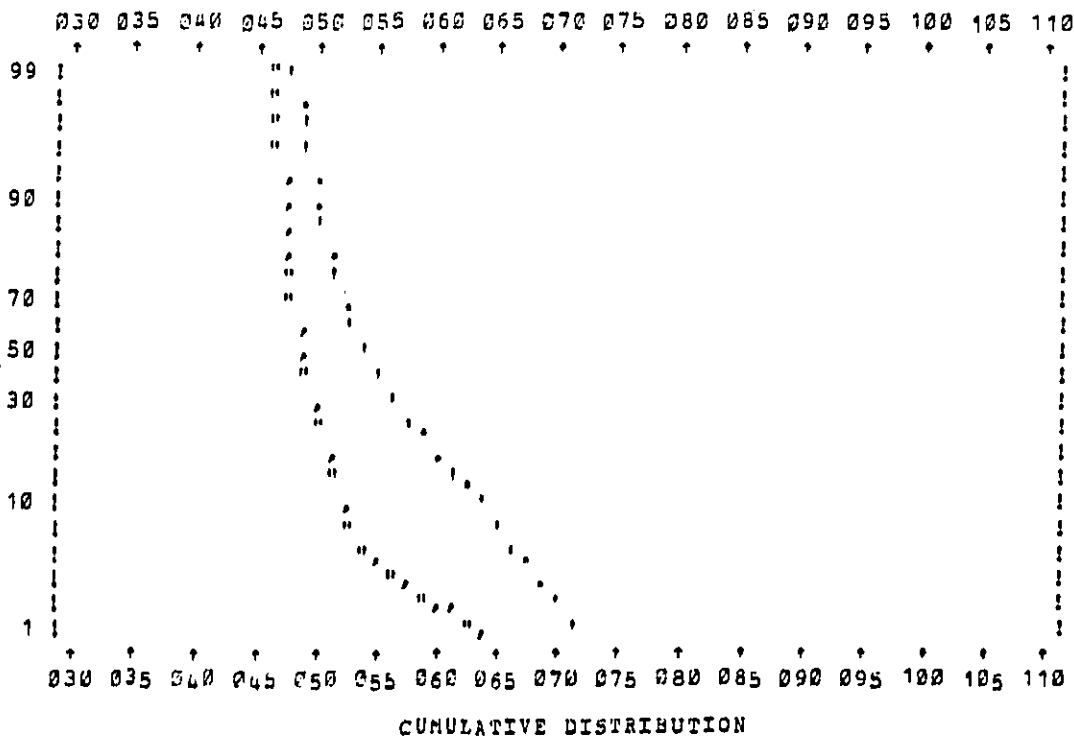
SITE # 1211

HR	MAX	MIN	NEL	SIG	LEQ	TNI	L1	L3	L5	L10	L20
1	93.8	45.0	66.2	2.9	58.9	29.2	61.6	56.2	53.4	50.1	48.7
2	73.8	45.0	59.0	2.8	51.7	30.9	63.8	55.6	53.1	50.2	48.7
3	62.5	45.0	50.8	1.1	48.0	25.3	52.1	49.9	49.5	48.7	48.5
4	68.8	45.0	50.2	1.0	47.7	25.1	50.7	49.5	48.9	48.6	48.3
5	72.5	45.0	52.4	1.5	48.7	29.4	53.7	51.6	50.8	49.8	49.0
6	82.5	45.0	71.5	5.0	58.8	40.7	73.1	69.4	61.8	53.5	50.8
7	77.5	46.3	60.0	2.7	53.2	37.1	63.5	58.0	55.7	53.5	52.0
8											
9	83.8	47.5	67.1	4.0	56.7	57.7	67.2	63.7	61.9	59.1	56.0
10	83.8	46.3	71.9	4.7	59.8	65.2	71.5	66.2	64.3	61.3	58.3
11	81.3	47.5	69.3	4.6	57.4	62.8	68.9	65.0	63.1	60.1	56.3
12	86.3	46.3	69.5	4.4	58.2	58.6	69.3	65.2	62.8	59.2	55.8
13	82.5	48.6	76.2	5.7	61.7	78.2	70.6	67.9	67.0	65.9	64.5
14	92.5	48.8	90.7	8.0	70.3	94.5	84.1	78.7	77.6	69.9	66.9
15	82.5	48.6	69.4	4.1	58.9	59.6	69.8	65.8	63.8	61.0	58.0
16											
17	83.8	48.6	70.1	4.1	59.7	62.0	69.5	66.4	64.7	62.3	59.5
18	85.0	48.8	71.6	4.4	60.2	63.3	70.8	67.1	65.0	61.9	58.6
19	83.8	48.8	70.1	4.3	59.2	61.3	70.3	66.4	64.7	61.2	57.8
20	86.3	46.6	80.1	6.4	63.8	89.8	74.4	71.6	70.6	68.6	63.8
21	81.3	46.3	72.6	5.2	59.2	74.5	68.7	66.5	65.4	63.4	60.4
22	91.3	46.3	68.8	3.9	58.7	47.5	67.9	61.9	58.7	55.5	52.5
23	85.0	46.3	66.1	3.9	56.1	45.8	67.6	62.4	59.2	54.9	52.1
24	72.5	46.3	56.4	2.2	52.8	31.6	61.2	57.1	54.7	52.9	52.3

HR	L30	L40	L50	L60	L70	L80	L90	L95	L97	L99
1	48.6	44.4	48.2	48.0	47.8	47.6	47.1	46.7	46.5	46.3
2	48.5	48.2	46.0	47.7	47.4	47.0	46.6	46.4	46.3	46.3
3	48.2	47.9	47.7	47.4	47.1	46.8	46.5	46.4	46.3	46.3
4	47.9	47.6	47.3	47.1	46.9	46.7	46.4	46.3	46.3	45.9
5	48.6	48.3	48.0	47.8	47.5	47.1	46.7	46.4	46.4	46.3
6	50.0	49.6	49.2	48.9	48.5	48.1	47.7	47.5	47.1	46.5
7	51.2	50.8	50.5	50.1	49.8	49.4	49.0	48.8	48.8	47.9
8										
9	54.3	53.1	52.1	51.4	50.8	50.3	49.6	49.2	49.0	48.8
10	56.5	55.4	54.5	53.5	52.3	51.1	50.0	49.3	49.1	48.0
11	53.9	52.4	51.4	50.7	50.1	49.6	49.1	48.9	48.8	48.1
12	53.9	52.8	52.0	51.4	50.8	50.2	49.4	48.9	48.5	47.8
13	61.0	56.3	54.9	54.1	53.4	52.7	51.7	51.2	50.6	50.1
14	64.8	62.0	59.7	57.0	54.4	52.9	51.7	51.1	50.6	50.2
15	56.4	55.3	54.3	53.5	52.6	52.1	51.5	51.1	50.6	50.2
16										
17	57.7	56.6	55.6	54.8	54.1	53.3	52.3	51.7	51.4	50.7
18	57.0	55.0	54.9	54.0	53.2	52.4	51.5	50.6	50.4	50.1
19	56.2	55.3	54.5	53.7	52.9	52.1	51.2	50.6	50.3	50.0
20	61.0	58.7	56.3	54.6	53.5	52.5	51.5	50.8	50.4	50.0
21	57.7	55.6	54.1	52.6	51.6	50.7	49.7	49.2	48.9	48.3
22	51.1	50.4	49.8	49.5	49.1	48.7	48.1	47.8	47.7	47.6
23	50.8	50.0	49.6	49.3	48.9	48.5	47.9	47.7	47.6	46.9
24	52.1	51.8	51.6	51.4	51.0	50.5	50.1	48.3	47.9	47.3

FIGURE B-91(b). HOURLY NOISE DATA FOR ST. LOUIS SITE 1211

SITE # 1211



	DAY ","	NIGHT ".,",	WEIGHTING	WEIGHTED LEQ
MAX	92.5	93.8	0.	60.8
MIN	46.3	45.0	8.	62.5
NPL	76.6	63.0	10.	63.4
SIG	5.6	3.2	12.	64.6
LEQ	62.4	54.8		
TNI	75.9	38.3		
L1	72.5	64.4		
L3	68.6	56.9		
L5	66.6	54.7		
L10	63.9	52.2		
L20	59.4	50.9		
L30	56.8	49.9		
L40	55.2	49.7		
L50	54.0	48.6		
L60	53.0	48.2		
L70	52.0	47.8		
L80	51.0	47.5		
L90	49.9	46.8		
L95	49.2	46.5		
L97	48.0	46.4		
L99	48.1	46.3		

FIGURE B-91(c). DAY/NIGHT NOISE DATA FOR ST. LOUIS SITE 1211



L _{DN} :	68.3	dB
ρ :	38,800	$\frac{\text{people}}{\text{sq. mi.}}$

SITE: 1001
 Address: 1818 Broadway
 San Francisco, Ca.
 Microphone Height: 20 m.
 Distance to Curb: 7 m.

ROADWAY TYPE
 At Site: Arterial
 Vicinity: Arterial

TRAFFIC
 At Site: Cars, Trucks
 Vicinity: Cars, Trucks

OTHER NOISE SOURCES:

FIGURE B-92(a). DESCRIPTION OF SAN FRANCISCO SITE 1001

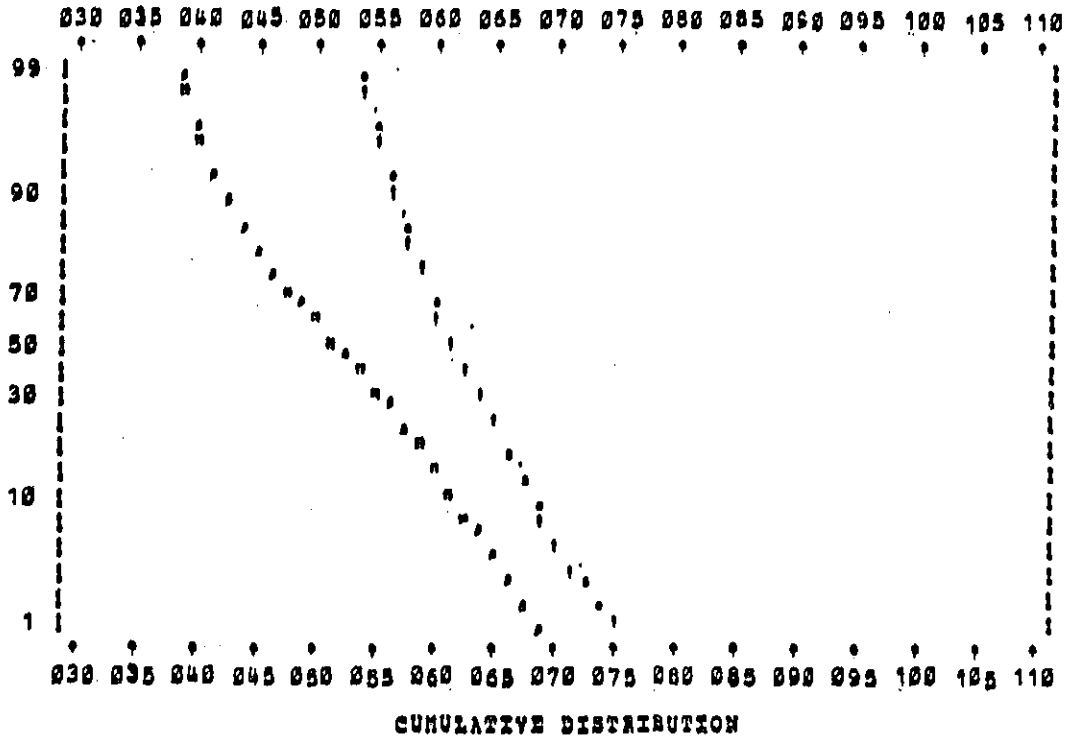
SITE # 1001

HR	MAX	MIN	NPL	SIG	L2Q	TNI	L1	L3	L5	L10	L20
1	96.3	43.8	73.4	5.1	60.2	73.5	69.3	66.7	65.3	63.2	60.4
2	80.0	40.0	73.6	6.0	58.3	75.7	69.9	66.1	64.1	60.7	57.1
3	85.0	37.5	75.2	6.7	58.0	81.6	68.4	65.1	63.0	59.9	55.5
4	72.5	36.3	65.0	5.4	51.1	63.0	62.9	59.5	57.3	53.7	49.7
5	68.8	35.0	61.0	4.9	48.4	56.4	60.2	56.5	54.1	50.8	47.2
6	73.8	36.3	68.2	5.9	53.2	72.8	63.6	60.7	59.0	56.5	53.5
7	75.0	41.3	71.5	5.2	58.2	72.6	68.1	65.6	63.9	61.7	59.1
8	93.8	47.5	70.9	4.9	67.3	71.8	77.3	71.7	69.7	67.3	64.8
9	91.3	52.5	79.6	4.6	67.8	72.1	78.7	73.5	71.6	69.2	66.8
10	86.3	50.0	78.4	4.8	65.1	72.7	77.3	72.8	70.6	68.0	65.3
11	87.5	48.8	70.9	5.1	66.9	75.2	70.9	73.6	70.9	68.5	65.8
12	88.8	51.3	78.4	4.7	65.3	74.5	76.3	73.0	71.4	69.1	66.3
13	81.3	51.3	75.3	4.3	64.3	70.2	74.0	70.9	69.5	67.4	65.3
14	80.0	51.3	74.6	4.1	64.2	68.5	73.0	70.6	69.3	67.3	65.2
15	86.3	52.5	74.9	4.0	64.8	67.4	73.8	70.4	69.2	67.6	65.5
16	86.3	52.5	77.5	4.4	66.3	71.7	75.5	72.6	71.2	69.1	67.0
17	83.8	52.5	76.3	4.2	65.6	70.9	73.7	71.4	70.4	68.8	66.9
18	107.5	53.8	89.9	5.3	76.3	75.5	83.3	74.7	72.3	70.2	68.3
19	82.5	51.3	75.9	4.3	64.8	72.3	73.2	70.9	69.8	68.3	66.2
20	85.0	51.3	75.9	4.5	64.4	72.3	73.6	71.0	69.7	67.6	65.3
21	83.8	50.0	75.8	4.7	63.8	72.6	73.3	70.2	68.9	67.0	64.6
22	101.2	48.8	81.1	5.4	67.3	76.2	75.9	71.3	69.6	67.0	64.1
23	85.0	48.8	74.5	4.7	62.5	72.4	71.5	69.2	68.0	65.9	63.2
24	85.0	47.5	72.5	4.5	60.9	69.3	70.2	67.4	66.1	64.3	61.9

HR	L30	L40	L50	L60	L70	L80	L90	L95	L97	L99
1	58.2	56.5	55.1	53.8	52.6	51.3	49.8	48.8	48.1	47.0
2	54.7	52.8	51.2	49.9	48.8	47.4	45.7	44.5	44.0	42.9
3	52.8	50.6	48.7	47.0	45.6	44.2	42.6	41.4	40.8	40.0
4	47.6	45.8	44.5	43.4	42.4	41.5	40.4	39.6	39.1	38.0
5	45.0	43.7	42.6	41.7	40.9	40.1	39.0	38.2	37.8	37.0
6	51.2	49.4	47.8	46.4	44.9	43.3	41.1	39.7	39.0	38.0
7	57.4	55.9	54.6	53.3	51.9	50.3	48.1	46.8	46.0	44.8
8	63.2	62.1	61.1	60.1	58.9	57.6	55.8	54.4	53.1	51.3
9	65.3	64.1	63.1	62.1	61.0	59.8	58.3	57.1	56.5	55.3
10	63.5	62.2	61.1	60.1	59.0	57.9	56.5	55.4	54.8	53.5
11	63.9	62.5	61.2	60.0	58.9	57.6	56.2	55.3	54.8	53.8
12	64.6	63.2	62.0	60.9	59.9	58.8	57.2	56.1	55.4	54.2
13	63.7	62.4	61.4	60.4	59.3	58.1	56.5	55.5	55.0	53.9
14	63.8	62.5	61.4	60.4	59.4	58.3	57.0	56.0	55.4	54.3
15	64.1	62.9	61.9	60.9	60.0	59.0	57.7	56.7	56.1	55.1
16	65.5	64.1	62.9	61.8	60.7	59.6	58.2	57.1	56.5	55.4
17	65.5	64.1	62.9	61.7	60.6	59.4	58.0	57.0	56.5	55.4
18	66.9	65.5	64.1	62.7	61.4	60.1	58.6	57.6	57.0	56.3
19	64.4	63.1	61.9	60.7	59.6	58.4	56.9	55.9	55.3	54.1
20	63.5	62.2	61.0	59.9	58.9	57.6	56.0	55.0	54.3	53.2
21	62.9	61.5	60.1	58.9	57.7	56.6	55.1	54.0	53.3	52.1
22	62.0	60.4	59.0	57.8	56.6	55.4	53.9	52.6	51.8	50.5
23	61.3	59.8	58.5	57.4	56.3	55.1	53.7	52.6	52.2	51.4
24	60.1	58.7	57.4	56.2	55.0	54.0	52.6	51.6	51.1	50.2

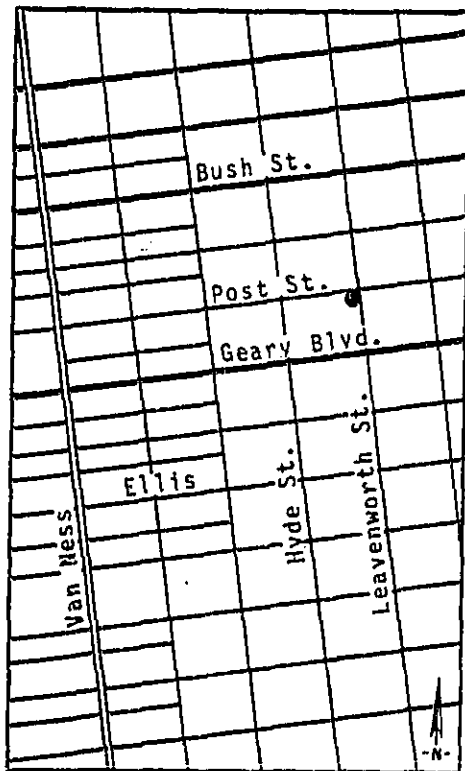
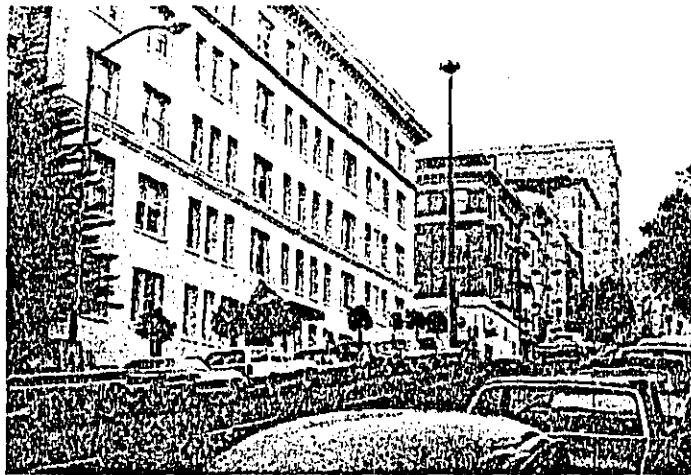
FIGURE B-92(b). HOURLY NOISE DATA FOR SAN FRANCISCO SITE 1001

SITE # 1001



	DAY "d"	NIGHT "n"	WEIGHTING	WEIGHTED L20
MAX	107.5	96.9	0.	66.4
MIN	47.5	35.0	8.	67.9
NPL	80.3	77.5	10.	68.3
STD	4.8	7.4	12.	69.2
L20	68.1	58.5		
TMT	73.5	91.4		
L1	75.8	69.0		
L3	71.9	60.0		
L5	70.4	64.4		
L10	68.4	61.8		
L20	66.0	58.6		
L30	64.3	56.2		
L40	62.9	54.2		
L50	61.7	52.3		
L60	60.6	50.0		
L70	59.5	47.5		
L80	58.2	44.8		
L90	56.6	42.0		
L95	55.4	40.5		
L97	54.7	39.7		
L99	53.1	38.6		

FIGURE B-92(c). DAY/NIGHT NOISE DATA FOR SAN FRANCISCO SITE 1001



L_{DN} : 75.2	dB
ρ : 72,000	$\frac{\text{people}}{\text{sq. mi.}}$

SITE: 1002

Address: 645 Leavenworth #304
San Francisco, Ca.

Microphone Height: 8.3 m.

Distance to Curb: 1.0 m.

ROADWAY TYPE

At Site: Arterial

Vicinity: Arterial

TRAFFIC

At Site: Cars, Trucks, Buses

Vicinity: Cars, Trucks, Buses

OTHER NOISE SOURCES:

FIGURE B-93(a). DESCRIPTION OF SAN FRANCISCO SITE 1002

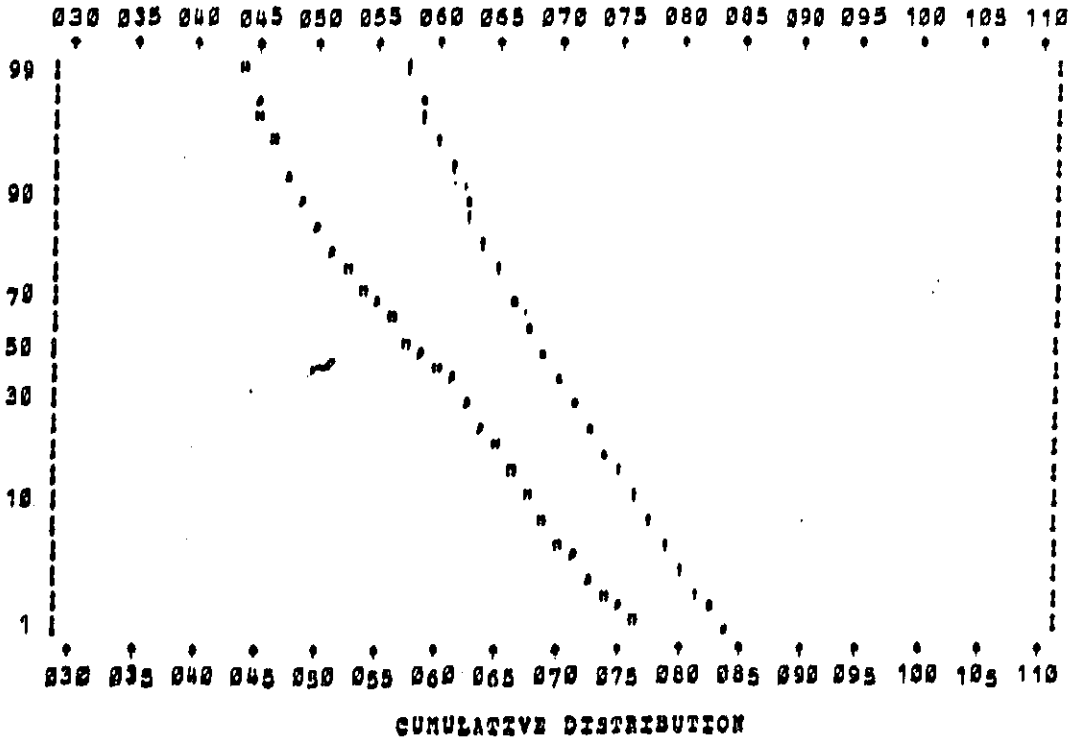
SITE # 1002

HR	MAX	MIN	NPL	SIG	LEQ	TNI	L1	L3	L5	L10	L20
1	90.0	47.5	82.0	5.9	66.9	81.7	78.6	73.2	71.0	68.4	65.8
2	87.5	43.8	79.4	6.0	64.1	81.7	74.7	70.2	68.5	66.1	63.3
3	80.0	42.5	78.7	6.6	61.7	86.9	72.4	69.0	67.5	65.3	62.6
4	78.8	41.3	73.4	6.2	57.5	79.3	68.4	65.7	64.0	62.9	57.0
5	97.5	42.5	83.7	7.3	64.9	90.0	75.0	71.2	68.7	64.8	60.4
6	86.3	43.8	80.6	6.9	62.9	89.6	74.1	69.7	67.8	65.3	61.7
7	87.5	46.3	83.6	6.4	67.3	87.8	78.5	74.7	72.4	69.4	66.4
8	91.3	51.3	86.9	5.9	71.7	89.2	83.5	79.0	77.0	74.0	70.8
9	97.5	53.8	88.6	5.6	74.3	88.9	86.3	81.4	79.5	76.6	73.4
10	93.8	55.0	86.3	5.3	72.8	83.7	84.4	79.4	77.3	74.6	71.9
11	93.8	56.3	91.0	5.9	76.0	93.8	84.0	81.5	80.6	79.6	78.4
12	91.3	56.3	87.4	5.3	73.8	88.3	82.9	80.0	78.9	77.4	75.5
13	91.3	57.5	87.5	5.2	74.1	87.2	83.0	80.1	79.0	77.7	76.2
14	100.0	56.3	88.1	5.2	74.9	86.2	84.8	80.9	79.5	77.7	75.7
15	92.5	57.5	83.8	4.6	72.2	77.7	83.2	78.9	77.3	74.5	71.9
16	93.8	57.5	84.7	4.6	72.8	80.4	83.5	79.5	77.8	75.6	73.1
17	101.2	57.5	88.4	5.2	75.2	85.9	86.0	82.4	80.4	77.4	74.5
18	88.8	57.5	84.5	4.6	72.7	78.7	83.7	79.6	78.0	75.2	72.8
19	96.3	56.3	85.1	4.7	73.0	77.8	84.3	80.0	77.5	74.6	71.9
20	96.3	53.8	82.2	4.7	70.2	75.7	80.8	77.1	75.2	72.1	69.4
21	91.3	52.5	82.5	4.9	70.0	77.8	81.1	77.2	75.0	72.2	69.5
22	110.0	51.3	96.6	6.2	80.8	81.4	88.5	79.1	75.9	72.3	69.4
23	91.3	51.3	82.9	5.3	69.2	78.6	81.0	76.0	73.4	70.4	67.6
24	90.0	50.0	83.9	5.8	69.1	84.2	80.6	76.0	73.9	70.8	67.9

HR	L30	L40	L50	L60	L70	L80	L90	L95	L97	L99
1	63.9	62.1	60.5	58.9	57.3	55.7	54.0	52.7	51.9	50.5
2	61.3	59.6	57.9	56.3	54.7	53.0	50.9	49.5	48.8	47.3
3	60.1	57.8	55.6	53.7	51.8	50.0	48.2	46.8	46.1	44.7
4	54.3	52.2	50.0	48.9	47.4	46.0	44.8	44.1	43.8	43.0
5	57.4	54.7	52.5	50.9	49.6	48.2	46.4	45.2	44.6	43.9
6	58.8	56.5	54.4	52.6	50.9	49.2	47.2	46.2	45.7	45.1
7	64.3	62.5	60.8	59.1	57.4	55.5	53.3	51.8	51.0	49.8
8	69.2	67.6	66.2	64.9	63.4	61.5	58.9	57.1	56.2	54.5
9	71.4	70.0	68.6	67.7	66.3	64.7	62.5	61.1	60.3	58.8
10	70.2	68.9	67.6	66.3	65.0	63.6	61.6	60.2	59.4	58.1
11	77.2	75.6	72.4	70.1	68.4	66.7	64.9	63.7	62.7	60.7
12	72.8	70.8	69.4	68.2	67.0	65.7	63.8	62.0	61.1	59.4
13	74.8	72.6	70.5	69.0	67.7	66.3	64.5	62.9	61.9	60.4
14	73.4	71.5	70.1	68.8	67.7	66.5	64.8	63.5	62.5	60.7
15	70.4	69.2	68.2	67.2	66.1	65.0	63.4	62.1	61.4	60.1
16	71.4	70.2	69.1	68.0	66.8	65.6	64.0	62.7	61.9	60.6
17	72.7	71.2	70.0	68.8	67.6	66.3	64.6	63.3	62.6	61.3
18	71.2	70.0	69.0	68.0	66.9	65.8	64.0	62.9	62.2	60.8
19	70.2	68.9	68.0	67.1	66.1	65.0	63.5	62.1	61.3	60.0
20	68.0	66.9	65.9	65.0	64.0	62.7	60.9	59.4	58.5	56.7
21	67.9	66.6	65.5	64.3	63.2	61.9	60.3	59.1	58.3	57.0
22	67.6	66.2	65.0	63.7	62.3	60.8	59.2	58.0	57.3	55.3
23	65.2	64.5	63.2	62.0	60.7	59.3	57.7	56.3	55.6	54.3
24	66.1	64.7	63.3	62.0	60.6	58.7	56.3	54.7	53.8	52.5

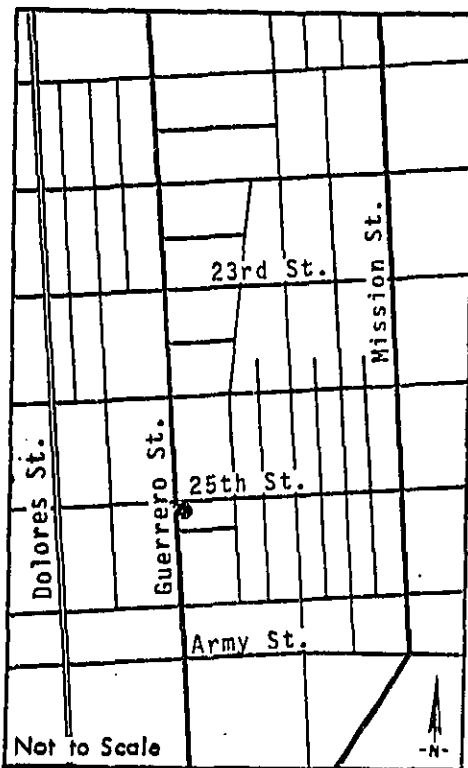
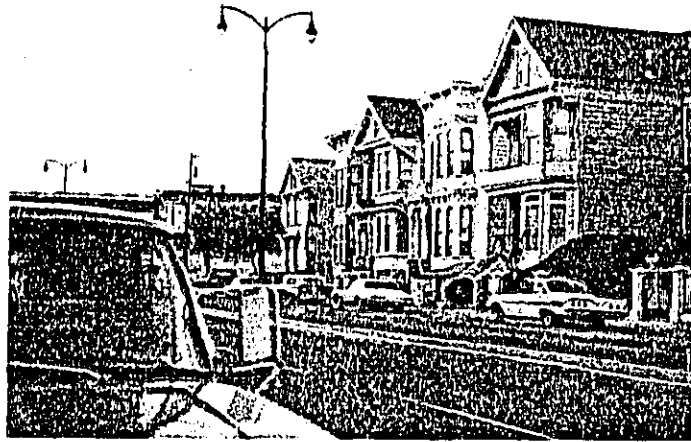
FIGURE B-93(b). HOURLY NOISE DATA FOR SAN FRANCISCO SITE 1002

SITE # 1002



	DAY "L"	NIGHT "N"	WEIGHTING	WEIGHTED LEO
MAX	110.0	97.5	0.	72.9
MIN	51.3	41.8	8.	74.4
85L	89.8	85.2	10.	75.2
50	5.6	7.8	12.	76.3
L80	74.6	66.1		
TNT	90.4	95.5		
L1	84.1	77.3		
L3	80.2	72.6		
L5	78.8	70.5		
L10	76.7	67.8		
L20	73.4	64.8		
L30	71.1	62.6		
L40	69.5	60.5		
L50	68.3	58.5		
L60	67.0	56.3		
L70	65.8	54.1		
L80	64.3	51.5		
L90	62.2	48.5		
L95	60.5	46.5		
L97	59.4	45.5		
L99	57.8	44.3		

FIGURE B-93(c). DAY/NIGHT NOISE DATA FOR SAN FRANCISCO SITE 1002



L_{DN} : 73.5	dB
ρ : 41,900	$\frac{\text{people}}{\text{sq. mi.}}$

SITE: 1003
 Address: 1327 Guerrero St.
 San Francisco, Ca.
 Microphone Height: 6.3 m.
 Distance to Curb: 5.0 m.

ROADWAY TYPE
 At Site: Arterial
 Vicinity: Arterial

TRAFFIC
 At Site: Cars, Trucks
 Vicinity: Cars, Trucks

OTHER NOISE SOURCES:

FIGURE B-94(a). DESCRIPTION OF SAN FRANCISCO SITE 1003

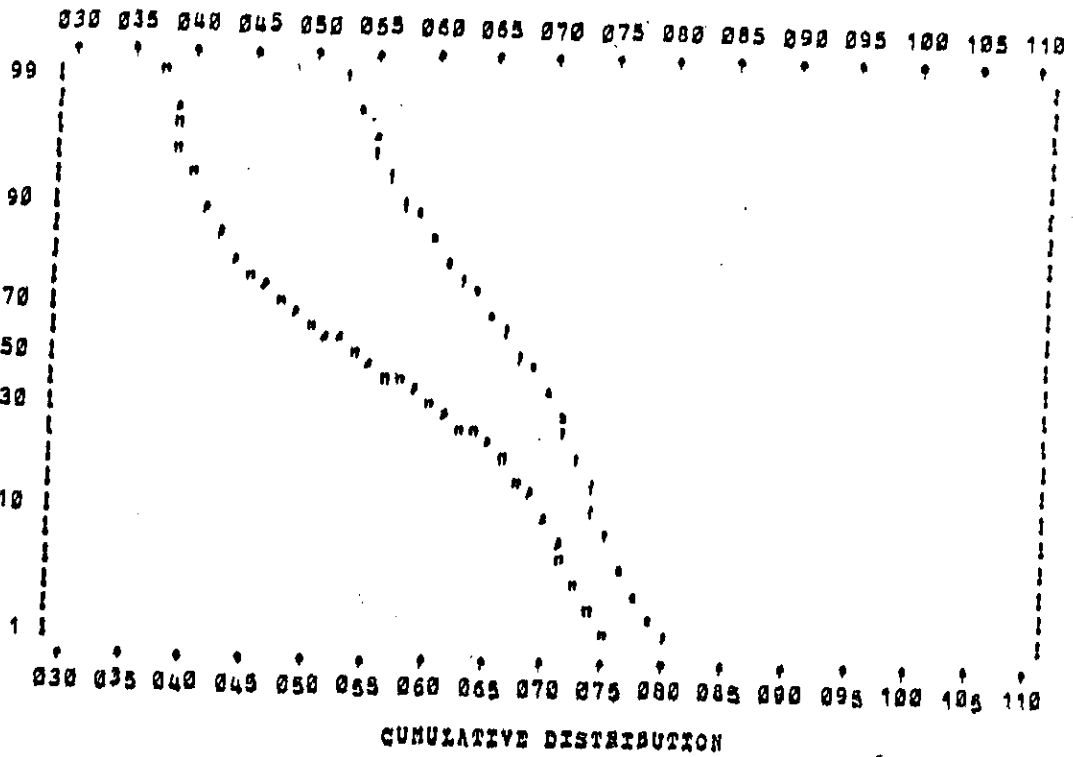
SITE # 1003

HR	MAX	MIN	NPL	SIG	LEQ	TNI	L1	L3	L5	L10	L20
1	80.0	41.3	84.2	7.9	63.9	103.0	73.7	71.9	70.7	68.7	65.4
2	91.3	37.5	86.5	8.9	63.6	105.8	73.5	70.3	68.8	65.8	61.3
3	86.3	36.3	85.5	9.3	61.6	108.3	72.5	69.8	68.2	64.4	58.2
4	82.5	33.8	81.4	8.7	59.1	94.7	72.0	68.1	65.3	59.7	52.3
5	90.0	36.3	83.7	8.6	61.7	96.0	72.2	69.0	66.4	61.1	53.8
6	81.3	38.8	83.8	8.7	61.6	105.5	73.2	70.6	69.0	65.8	60.0
7	96.3	45.0	91.1	8.1	70.3	106.4	80.8	76.4	75.2	73.4	71.1
8	91.3	48.8	89.8	6.3	73.6	93.8	83.2	79.4	77.8	76.2	74.7
9	90.0	50.0	88.0	6.1	72.4	92.3	81.8	78.7	77.3	75.6	73.8
10	95.0	47.5	90.5	7.4	71.5	102.8	81.2	77.7	76.2	74.6	72.4
11	92.5	48.8	88.9	7.0	71.0	99.7	80.9	77.2	75.9	74.2	72.2
12	91.3	47.5	88.1	6.8	70.6	98.0	79.7	76.2	75.3	73.9	71.9
13	91.3	47.5	89.0	7.0	71.1	99.0	80.7	77.2	76.0	74.3	72.2
14	97.5	50.0	87.5	6.2	71.6	93.1	81.1	77.4	76.1	74.5	72.4
15	95.0	51.3	88.0	6.4	71.6	94.9	80.8	77.2	76.0	74.6	72.9
16	93.8	53.8	86.6	5.6	72.2	88.6	81.0	78.0	76.6	75.0	73.3
17	91.3	55.0	83.4	4.5	71.9	79.3	79.2	76.9	76.0	74.7	73.3
18	87.5	55.0	83.4	4.4	72.1	78.0	80.4	77.6	76.4	74.9	73.4
19	91.3	51.3	84.9	5.6	70.6	87.6	70.5	76.4	75.5	74.1	72.3
20	85.0	48.8	86.0	6.5	69.4	94.3	77.6	75.5	74.6	73.1	71.4
21	100.0	50.0	84.5	5.7	69.9	87.7	78.4	75.8	74.6	73.1	71.2
22	96.3	47.5	85.4	6.2	69.6	91.2	77.5	74.7	73.6	72.2	70.4
23	92.5	46.3	84.8	6.5	68.2	92.6	76.6	74.3	73.2	71.7	69.8
24	82.5	46.3	84.7	7.0	66.0	97.0	75.6	73.6	72.5	70.9	68.9

HR	L30	L40	L50	L60	L70	L80	L90	L95	L97	L99
1	62.3	59.5	57.0	54.5	52.0	49.7	47.2	45.8	45.1	43.8
2	57.2	53.5	50.4	48.0	46.0	44.3	42.5	41.3	40.6	39.6
3	52.9	48.6	46.2	44.4	42.9	41.5	39.8	38.9	38.3	37.7
4	47.3	44.6	42.8	41.4	40.1	39.1	38.0	37.4	36.8	36.3
5	49.0	46.2	44.3	43.0	41.8	40.7	39.4	38.6	38.1	37.6
6	55.7	52.0	49.2	47.3	45.8	44.3	42.6	41.4	40.9	40.2
7	69.6	67.0	63.8	60.7	57.9	55.2	52.4	50.6	49.6	48.3
8	73.7	72.7	71.5	69.8	67.2	63.9	60.3	57.8	56.5	54.3
9	72.4	71.0	69.5	67.8	65.7	63.2	60.0	57.7	56.2	54.1
10	70.6	68.6	66.5	64.1	61.4	58.5	55.2	53.0	51.8	50.4
11	70.4	68.7	66.8	64.6	62.2	59.2	55.7	53.7	52.6	51.4
12	70.0	68.3	66.3	64.1	61.7	59.0	55.9	53.9	52.9	51.5
13	70.6	69.0	67.1	64.6	62.0	59.2	56.1	54.0	52.9	51.5
14	70.7	69.1	67.3	65.4	63.4	60.9	58.3	56.6	55.6	54.1
15	71.4	69.9	68.1	66.1	63.8	61.1	57.8	55.9	54.9	53.5
16	72.0	70.8	69.5	67.8	65.8	63.4	60.4	58.6	57.6	56.2
17	72.3	71.3	70.4	69.4	68.0	66.2	63.2	60.9	59.8	58.1
18	72.3	71.4	70.5	69.5	68.4	66.7	63.7	61.5	60.2	58.3
19	71.0	69.7	68.3	66.6	64.6	62.3	59.6	57.6	56.3	54.4
20	70.1	68.7	67.1	65.0	62.2	59.1	56.1	54.2	52.5	51.3
21	69.6	68.2	66.7	65.0	63.0	60.9	58.2	56.3	55.3	53.9
22	69.0	67.6	65.9	64.1	61.9	59.2	55.8	54.1	53.2	51.8
23	68.4	66.6	64.6	62.2	59.9	57.7	54.7	52.8	51.8	50.3
24	67.0	64.9	62.7	60.2	57.8	55.2	52.3	50.3	49.4	48.2

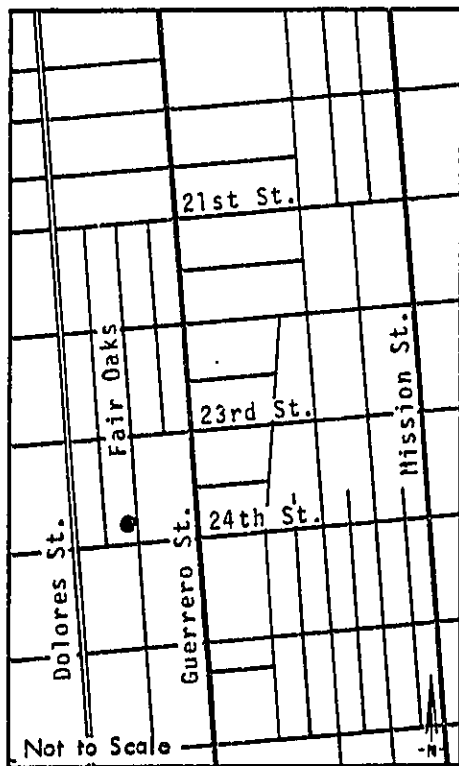
FIGURE B-94(b). HOURLY NOISE DATA FOR SAN FRANCISCO SITE 1003

SITE # 1003



	DAY %	NIGHT %	WEIGHTING	WEIGHTED L20
MAX	100.0	96.3		
MIN	47.5	33.8	0.	70.1
NPL	87.8	92.8	8.	72.4
SIG	6.4	10.8	10.	73.5
L20	71.5	65.5	12.	74.8
THI	94.1	125.0		
L1	80.5	75.6		
L3	77.3	73.0		
L5	76.1	71.7		
L10	74.6	69.8		
L20	72.8	65.9		
L30	71.3	61.0		
L40	69.9	58.0		
L50	68.3	54.4		
L60	66.5	50.7		
L70	64.2	47.0		
L80	61.5	44.0		
L90	58.1	41.2		
L95	55.7	39.5		
L97	54.4	38.8		
L99	52.4	37.6		

FIGURE B-94(c). DAY/NIGHT NOISE DATA FOR SAN FRANCISCO SITE 1003



L_{DN} :	61.9	dB
ρ :	41,900	$\frac{\text{people}}{\text{sq. mi.}}$

SITE: 1005
 Address: 264 Fair Oaks
 San Francisco, Ca.
 Microphone Height: 5.2 m.
 Distance to Curb: 5.0 m.

ROADWAY TYPE
 At Site: Local
 Vicinity: Local

TRAFFIC
 At Site: Cars
 Vicinity: Cars, Trucks

OTHER NOISE SOURCES:

FIGURE B-95(a). DESCRIPTION OF SAN FRANCISCO SITE 1005

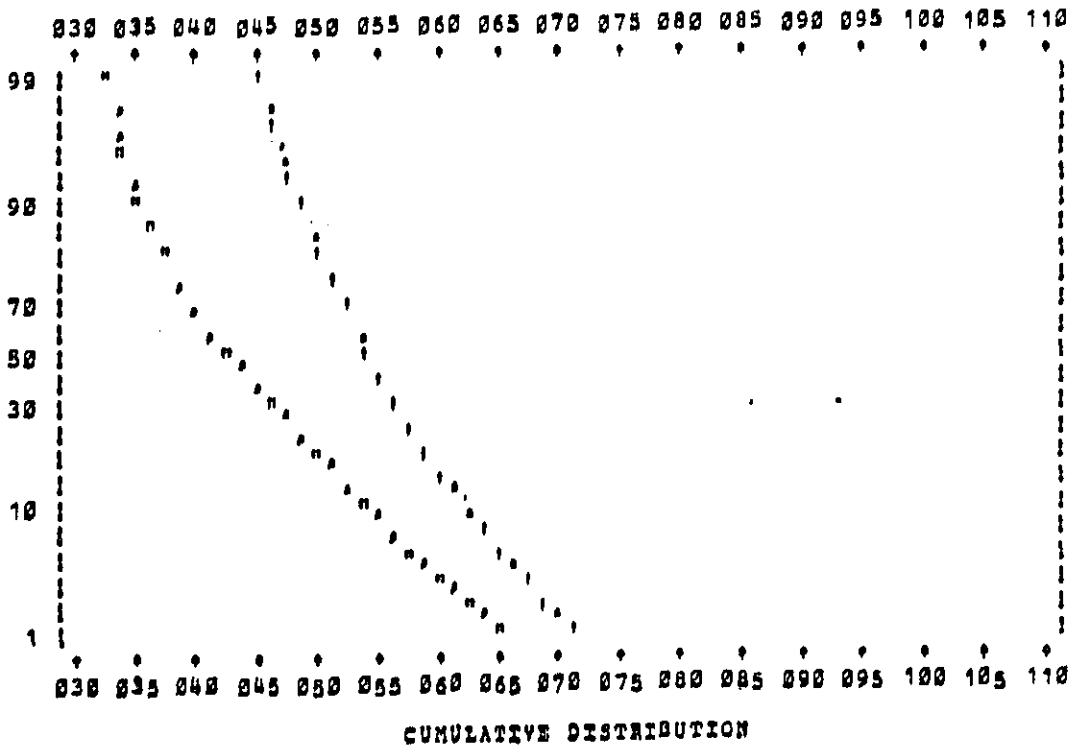
SITE # 1005

HR	MAX	MIN	NPL	SIG	LEQ	THI	L1	L3	L5	L10	L20
1	73.8	37.5	65.1	5.2	51.9	60.5	64.5	58.8	56.6	53.5	49.9
2	73.8	33.8	63.8	5.4	50.1	58.9	62.2	57.0	54.5	51.2	47.6
3	71.3	33.8	64.7	5.8	50.0	60.3	62.9	58.2	55.3	51.0	47.0
4	81.3	31.3	63.3	4.9	50.7	41.2	61.8	51.4	48.1	44.1	41.1
5	78.8	30.0	58.1	4.4	46.7	34.2	55.8	48.5	44.9	40.8	38.3
6	76.3	30.0	65.4	6.3	49.3	64.0	61.1	55.7	52.8	48.9	44.3
7	78.8	35.0	72.6	7.0	54.8	81.4	66.5	60.8	59.4	57.0	52.6
8	95.0	42.5	87.1	8.0	66.5	101.7	79.1	74.6	73.0	68.9	63.2
9	76.3	40.0	70.6	5.3	56.9	68.0	68.3	64.5	62.4	59.2	56.5
10	87.5	42.5	71.8	5.4	57.9	72.6	68.5	65.4	63.6	60.8	57.1
11	80.0	42.5	71.5	5.3	58.1	70.1	68.8	65.3	63.4	60.7	58.2
12	88.8	42.5	77.2	5.8	62.3	78.0	73.4	69.0	67.2	64.3	60.9
13	78.8	42.5	71.5	5.1	58.3	69.8	69.4	65.8	64.1	61.0	57.7
14	78.8	50.0	71.3	4.1	60.8	59.2	72.2	68.8	66.2	62.3	59.5
15	90.0	48.8	69.0	3.7	59.5	86.3	69.8	65.7	63.6	61.1	58.6
16	82.5	48.8	69.1	3.7	59.5	85.8	69.7	65.8	63.8	61.0	58.5
17	77.5	50.0	69.0	3.8	59.3	57.5	70.0	66.6	64.7	61.6	58.7
18	81.3	47.5	72.5	4.5	60.9	68.8	70.8	68.1	66.6	64.2	61.3
19	85.8	46.3	74.4	5.9	60.9	71.5	72.2	69.5	67.0	63.1	59.3
20	80.0	46.3	69.4	4.3	58.4	61.9	69.4	65.7	63.6	60.9	57.9
21	83.8	45.0	71.5	4.9	59.1	68.1	69.8	67.0	65.2	62.1	58.7
22	81.3	42.5	71.9	5.3	58.3	68.5	70.5	65.3	63.1	59.9	56.4
23	85.8	41.3	71.8	5.5	57.6	70.8	68.8	65.0	62.7	59.3	55.9
24	80.0	40.0	72.6	5.9	57.3	71.3	69.6	65.0	62.2	58.3	54.4

HR	L30	L40	L50	L60	L70	L80	L90	L95	L97	L99
1	47.5	45.9	44.8	43.9	43.0	42.1	41.2	40.5	40.2	39.4
2	45.0	43.4	42.2	41.2	40.4	39.6	38.7	37.9	37.5	36.7
3	43.9	42.0	40.9	40.0	39.3	38.7	37.8	37.3	36.8	36.4
4	39.9	39.2	38.4	37.7	37.0	36.2	35.1	34.3	34.0	33.2
5	37.1	36.2	35.6	35.0	34.4	33.9	32.9	32.3	31.8	31.3
6	41.5	39.6	38.3	37.2	36.0	35.0	33.9	33.1	32.8	32.1
7	49.2	47.1	45.8	43.2	41.7	40.3	38.9	38.0	37.6	36.8
8	59.9	57.7	55.5	53.3	51.5	49.9	48.0	46.7	46.1	45.1
9	54.3	52.5	51.1	49.9	48.9	47.7	46.3	45.2	44.5	43.8
10	54.6	53.1	51.9	50.8	49.6	48.3	46.8	45.8	45.3	44.4
11	56.4	54.7	53.4	52.0	50.7	49.3	47.6	46.4	45.7	44.7
12	58.4	56.5	55.0	53.8	52.7	51.5	49.7	48.3	47.4	45.9
13	55.8	54.4	53.1	51.9	50.8	49.6	48.1	47.0	46.5	45.6
14	57.9	56.8	56.1	55.5	54.9	54.2	53.4	52.8	52.6	51.7
15	57.2	56.3	55.6	54.9	54.3	53.6	52.7	51.9	51.6	50.9
16	57.1	56.2	55.5	54.9	54.2	53.5	52.7	52.0	51.6	51.2
17	57.3	56.3	55.6	54.9	54.3	53.8	52.9	52.5	52.0	51.5
18	59.4	57.9	56.7	55.7	54.7	53.8	52.7	51.8	51.5	50.6
19	57.2	55.7	54.5	53.4	52.5	51.5	50.3	49.6	49.2	48.7
20	56.0	54.8	53.8	53.1	52.3	51.5	50.5	50.0	49.4	48.8
21	56.6	55.1	54.0	53.0	52.0	51.1	50.1	49.2	48.8	47.7
22	54.5	53.0	51.7	50.6	49.4	48.3	47.0	46.3	45.7	45.1
23	53.7	52.0	50.7	49.6	48.4	47.1	45.6	44.7	44.3	43.8
24	51.9	50.2	48.8	47.6	46.5	45.3	44.0	43.2	42.8	42.0

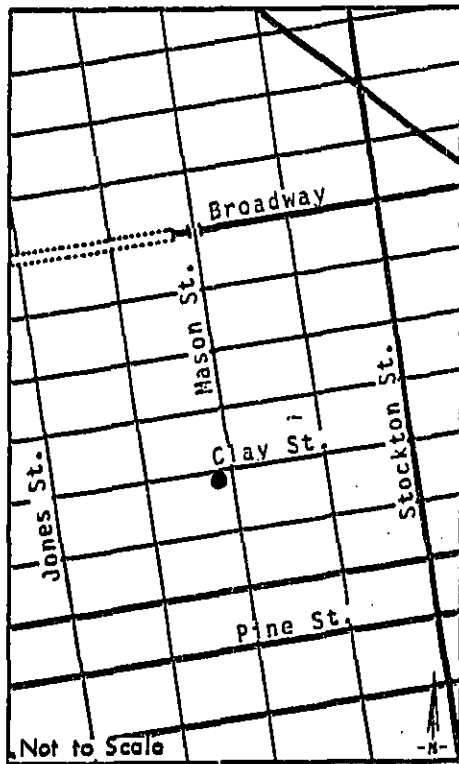
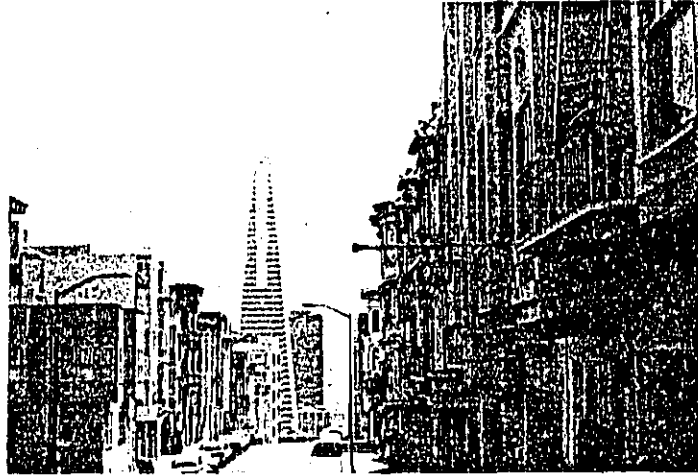
FIGURE B-95(b). HOURLY NOISE DATA FOR SAN FRANCISCO SITE 1005

SITE # 1005



	DAY "d"	NIGHT "n",	WEIGHTING	WEIGHTED LEO
MAX	95.0	85.0	0.	59.0
MIN	40.0	30.0	8.	60.9
WPL	74.4	72.4	10.	61.9
SPL	5.4	7.4	12.	63.1
LEO	60.5	53.5		
THI	72.0	80.5		
L1	72.0	65.7		
L3	67.7	60.3		
L5	65.5	58.0		
L10	62.2	54.3		
L20	58.8	50.1		
L30	56.9	47.4		
L40	55.6	45.1		
L50	54.5	42.9		
L60	53.4	41.0		
L70	52.3	39.4		
L80	50.8	37.8		
L90	48.9	35.6		
L95	47.4	34.3		
L97	46.6	33.7		
L99	45.3	32.6		

FIGURE B-95(c). DAY/NIGHT NOISE DATA FOR SAN FRANCISCO SITE 1005



L_{DN} :	69.5 dB
ρ :	58,800 $\frac{\text{people}}{\text{sq. mi.}}$

SITE: 1006
 Address: 1123 Clay, Apt. 11
 San Francisco, CA
 Microphone Height: 3.7 m.
 Distance to Curb: 0.0 m.

ROADWAY TYPE
 At Site: Collector
 Vicinity: Arterial

TRAFFIC
 At Site: Cars, Trucks, Buses
 Vicinity: Cars, Trucks, Buses

OTHER NOISE SOURCES:

FIGURE B-96(a). DESCRIPTION OF SAN FRANCISCO SITE 1006

SITE # 1006

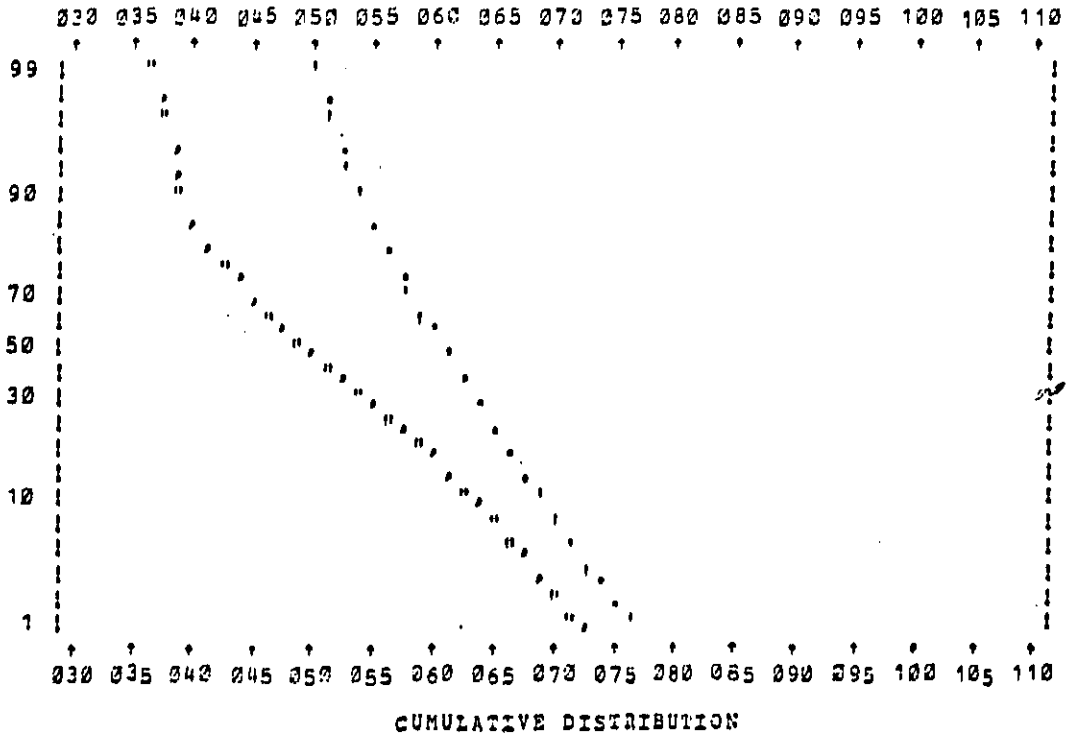
HR	MAX	MIN	WPI	SIG	L30	TNI	L1	L3	L5	L10	L20
1	90.0	42.5	79.2	6.7	62.1	83.4	72.9	69.0	66.9	63.4	59.5
2	97.5	38.8	82.6	7.3	64.6	83.1	71.9	67.6	65.4	62.1	58.0
3	87.5	36.3	79.2	7.7	59.5	86.2	69.3	65.7	63.5	59.1	54.5
4	81.3	35.0	78.1	6.4	53.8	57.1	67.3	61.0	57.3	50.0	45.0
5	80.0	35.0	66.3	5.8	51.6	53.5	64.4	58.0	54.5	49.0	45.8
6	76.3	35.0	70.7	6.6	53.8	72.2	67.2	62.0	59.2	54.5	49.4
7	87.5	42.5	81.1	7.5	61.8	92.3	73.3	69.4	67.3	63.9	59.1
8	100.0	45.0	86.0	7.0	68.1	92.7	79.0	72.7	71.1	68.6	65.8
9	91.3	47.5	85.6	6.8	68.2	94.1	80.1	75.1	73.4	70.9	67.7
10	92.5	46.3	83.3	6.5	66.7	88.0	77.8	73.8	71.6	68.6	65.6
11	90.0	47.5	81.7	6.3	66.4	84.2	77.3	72.7	70.8	68.3	65.6
12	88.8	51.3	84.1	6.1	68.6	85.6	80.8	76.8	74.5	70.9	67.6
13	91.3	47.5	79.9	5.6	65.7	79.6	75.8	72.2	70.4	67.8	65.0
14	86.3	48.8	80.5	5.4	66.7	78.5	78.2	73.9	71.8	69.2	66.4
15	86.3	50.0	79.1	5.1	65.9	76.7	76.1	72.2	70.5	68.2	65.8
16	92.5	52.0	82.8	6.0	67.5	87.2	77.5	74.1	73.0	70.4	67.2
17	87.5	51.3	80.1	5.1	67.1	78.0	77.3	74.1	72.3	69.6	67.0
18	92.5	48.8	80.3	5.3	66.8	77.4	77.5	72.7	71.3	68.7	66.7
19	95.0	48.8	80.0	5.6	65.7	81.6	76.0	72.4	70.7	68.3	65.6
20	86.3	50.0	79.6	5.4	65.9	79.6	76.2	72.5	70.9	68.5	65.9
21	98.8	47.5	81.7	5.8	66.8	81.6	78.7	73.8	71.4	68.2	65.1
22	88.8	47.5	78.1	5.4	64.3	76.8	74.4	70.4	68.6	66.4	63.7
23	88.8	47.5	82.2	6.3	66.0	86.6	77.0	73.0	71.1	68.2	65.2
24	100.0	45.0	80.7	6.2	64.8	84.1	74.8	70.9	69.1	66.6	63.6

HR	L30	L40	L50	L60	L70	L80	L90	L95	L97	L99
1	56.6	54.2	52.2	50.6	49.2	48.0	46.8	46.1	45.5	44.6
2	54.6	51.8	49.8	48.4	47.2	46.1	45.1	43.6	42.7	41.6
3	50.8	48.0	45.8	43.9	42.5	41.4	40.1	39.2	38.8	37.9
4	42.1	40.8	39.9	39.3	38.7	38.2	37.7	37.1	36.8	36.4
5	43.0	41.2	40.2	39.5	38.8	38.1	37.5	36.8	36.6	36.3
6	46.5	44.9	43.9	41.9	40.4	39.4	38.6	38.0	37.8	37.5
7	55.2	52.3	50.4	48.9	47.1	45.6	44.4	44.0	43.8	43.0
8	63.7	61.8	59.9	57.7	55.5	53.2	50.6	49.2	48.5	47.6
9	65.6	63.6	61.6	59.7	57.8	55.7	53.2	51.6	50.8	49.7
10	63.4	61.6	60.0	58.2	56.2	54.3	52.2	50.8	50.1	49.0
11	63.5	61.6	60.0	58.5	57.0	55.2	53.1	51.6	50.9	49.7
12	65.2	62.9	61.1	59.8	58.5	57.4	56.0	55.0	54.3	53.3
13	62.9	61.3	59.8	58.4	57.1	55.6	53.8	52.5	51.8	50.6
14	64.4	62.5	61.1	59.7	58.5	57.4	56.1	55.1	54.4	53.0
15	64.1	62.6	61.2	59.8	58.5	57.0	55.4	54.3	53.8	52.8
16	65.0	63.2	61.6	60.1	58.5	56.8	54.8	53.7	52.9	51.8
17	65.3	63.9	62.6	61.4	60.1	58.7	56.9	55.6	55.0	54.0
18	65.0	63.5	61.9	60.5	59.1	57.7	55.9	54.4	53.6	52.1
19	63.7	62.1	60.6	59.1	57.5	55.8	53.9	52.6	51.9	50.9
20	64.3	62.8	61.4	60.0	58.5	56.9	54.8	53.3	52.6	51.5
21	63.2	61.6	60.2	58.8	57.4	55.7	53.8	52.6	51.9	51.0
22	61.8	60.2	58.7	57.3	55.8	54.4	52.9	51.8	51.3	50.3
23	62.9	61.1	59.4	57.7	56.9	54.0	52.1	51.0	50.4	49.4
24	61.1	59.0	57.2	55.5	54.0	52.5	50.7	49.5	48.9	47.8

FIGURE B-96(b). HOURLY NOISE DATA FOR SAN FRANCISCO SITE 1006

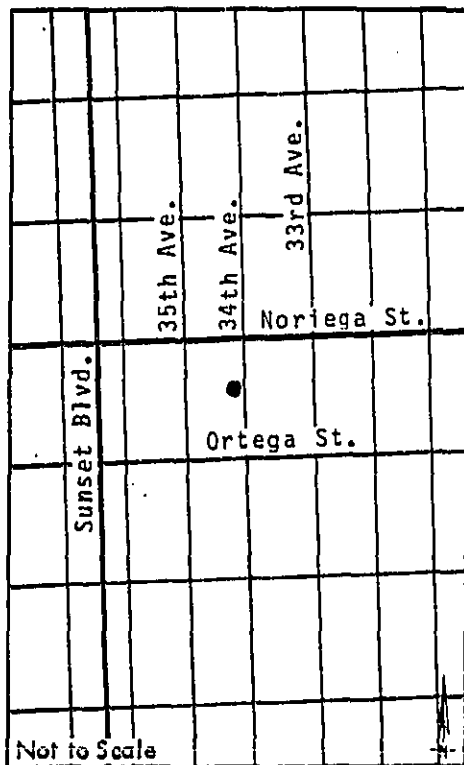
DEPT. AVIATION AND AIRWAYS

SITE # 1006



	DAY	NIGHT	WEIGHTING	WEIGHTED LEQ
MAX	102.0	100.0	0.	65.5
MIN	45.0	35.0	8.	68.3
NPL	81.8	85.3	10.	69.5
SIG	5.9	9.1	12.	71.0
LEQ	66.7	62.1		
TNI	83.2	105.9		
L1	77.5	72.6		
L3	73.3	68.6		
L5	71.5	66.6		
L10	68.8	63.3		
L20	66.0	58.7		
L30	64.1	55.1		
L40	62.4	52.0		
L50	60.8	49.3		
L60	59.3	46.8		
L70	57.8	44.4		
L80	56.1	41.2		
L90	54.0	39.1		
L95	52.4	38.1		
L97	51.5	37.7		
L99	50.0	36.8		

FIGURE B-96(c). DAY/NIGHT NOISE DATA FOR SAN FRANCISCO SITE 1006



L_{DN} :	60.5	dB
ρ :	16,600	$\frac{\text{people}}{\text{sq. mi.}}$

SITE: 1007
 Address: 1843 34th Ave.
 San Francisco, CA
 Microphone Height: 3.7 m.
 Distance to Curb: 6.4 m.

ROADWAY TYPE
 At Site: Local
 Vicinity: Arterial

TRAFFIC
 At Site: Cars
 Vicinity: Cars, Trucks, Buses

OTHER NOISE SOURCES:

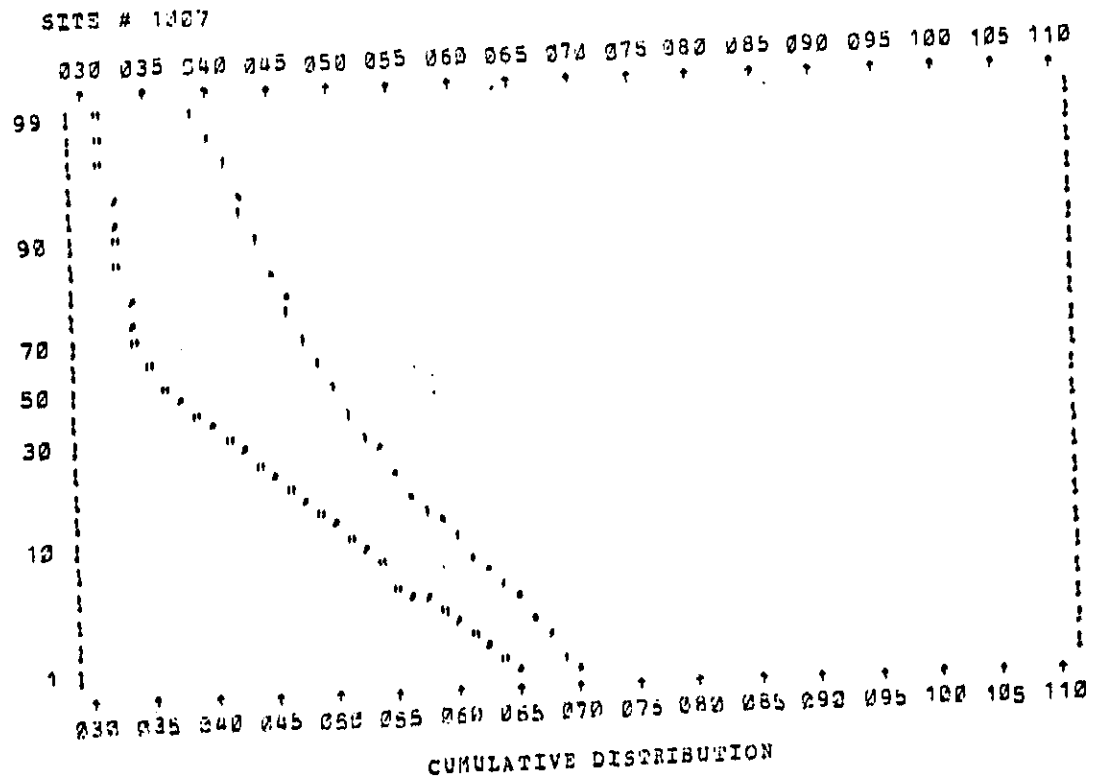
FIGURE B-97(a). DESCRIPTION OF SAN FRANCISCO SITE 1007

SITE # 1007

HR	MAX	MIN	NPL	SIG	LEQ	TNI	L1	L3	L5	L10	L20
1	72.5	32.5	67.8	6.6	51.1	64.7	65.1	58.6	54.9	50.3	45.9
2	78.8	30.0	68.0	6.7	50.8	59.5	64.6	57.5	53.1	47.2	41.7
3	73.8	31.3	63.1	5.4	46.3	43.3	58.6	52.7	49.0	42.9	37.7
4	75.0	30.0	55.9	4.1	45.3	19.8	55.2	45.3	40.8	36.2	34.6
5	72.5	30.0	49.9	3.3	41.4	16.7	50.2	41.8	38.6	35.2	33.7
6	72.5	30.0	69.2	7.2	50.7	63.5	65.4	58.9	54.0	47.7	40.6
7	73.8	30.0	71.9	7.9	51.7	82.5	64.6	59.7	57.2	53.4	49.0
8	88.8	35.0	76.2	7.0	58.2	83.2	69.2	65.4	62.9	59.2	55.1
9	76.3	35.0	74.3	7.1	56.2	82.3	68.5	64.5	62.2	58.2	54.7
10	90.0	36.3	76.7	6.9	59.1	82.2	70.3	66.4	64.2	59.9	55.0
11	93.8	38.8	80.2	6.4	63.7	79.4	71.2	66.7	64.5	61.2	57.6
12	85.0	40.0	75.1	6.4	58.8	78.3	71.0	67.2	64.6	60.5	55.6
13	85.0	30.0	86.4	10.4	59.8	126.4	70.5	67.2	65.3	62.2	58.2
14	80.0	40.0	75.1	6.3	58.9	80.2	70.5	66.5	64.6	61.4	57.3
15	86.3	38.8	74.0	6.1	58.3	75.5	68.4	65.0	62.7	59.3	55.1
16	75.0	40.0	70.2	5.5	56.1	70.6	67.6	64.6	62.6	58.8	55.0
17	75.0	41.3	71.8	5.8	57.0	74.2	68.7	65.5	63.6	60.2	56.2
18	83.8	41.3	75.5	6.0	60.1	79.7	71.2	69.6	67.5	63.3	57.7
19	86.3	41.3	72.7	5.6	58.3	72.1	69.0	66.1	63.9	60.1	56.1
20	92.5	42.0	75.5	6.0	60.1	75.6	69.8	66.1	64.1	60.5	56.1
21	78.8	40.0	74.7	6.1	59.2	76.0	71.9	67.4	64.7	61.0	56.6
22	79.8	37.5	71.2	6.3	55.1	73.7	67.7	63.8	61.3	57.3	53.3
23	76.3	37.5	71.1	6.1	55.4	74.3	67.1	63.9	61.5	57.8	53.9
24	80.2	33.4	75.7	7.2	57.2	76.8	71.1	63.7	60.8	55.7	51.8

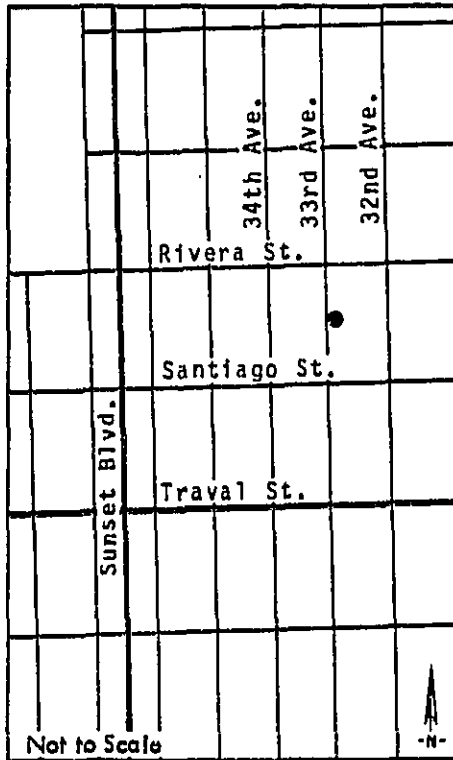
HR	L30	L43	L50	L60	L70	L80	L90	L95	L97	L99
1	43.7	41.6	39.7	38.3	37.2	36.5	35.5	34.9	34.4	33.9
2	38.2	36.7	35.7	35.0	34.4	33.9	33.1	32.7	32.5	31.7
3	35.9	34.9	34.5	34.1	33.7	33.3	32.8	32.6	32.5	31.7
4	33.9	33.5	33.2	32.9	32.6	32.1	31.6	31.4	31.3	30.7
5	33.4	33.0	32.7	32.4	32.1	31.7	31.4	31.3	30.8	30.3
6	37.3	35.8	34.7	33.8	33.3	32.9	32.4	31.8	31.6	31.3
7	44.9	41.5	39.1	37.4	36.1	34.9	33.7	33.0	32.8	32.5
8	52.8	50.9	49.2	47.4	45.5	43.5	41.1	39.5	38.8	37.4
9	52.4	50.2	48.3	46.3	44.6	42.5	40.2	38.7	38.1	37.4
10	52.5	50.7	49.2	47.7	46.1	44.4	42.5	41.0	40.2	39.0
11	55.3	53.4	51.9	50.5	49.1	47.4	45.2	43.5	43.0	41.8
12	53.2	51.6	50.2	48.9	47.5	46.1	44.5	43.5	42.9	41.9
13	54.2	51.8	50.0	48.6	46.9	44.3	40.8	40.4	40.2	40.1
14	54.5	52.6	51.2	49.9	48.5	47.0	45.2	43.9	43.0	41.8
15	52.6	50.9	49.5	48.2	46.9	45.5	43.9	42.7	42.0	40.9
16	53.1	51.6	50.4	49.3	48.0	46.5	44.8	43.8	43.0	41.9
17	53.5	51.8	50.4	49.2	48.0	46.9	45.5	44.5	44.0	43.1
18	55.1	53.7	52.5	51.5	50.4	49.3	47.8	46.6	45.8	44.3
19	53.9	52.4	51.2	50.0	48.8	47.6	46.1	45.1	44.5	43.8
20	53.6	51.9	50.6	49.4	48.2	46.9	45.4	44.4	43.9	43.0
21	54.3	52.7	51.4	50.2	48.9	47.6	45.9	44.8	44.1	42.9
22	50.7	48.7	47.0	45.6	44.2	43.2	41.8	41.1	40.6	40.1
23	51.7	50.0	48.4	46.9	45.4	43.9	42.2	41.2	40.6	39.8
24	49.1	46.9	45.1	43.4	41.9	40.4	38.7	37.5	36.9	36.1

FIGURE B-97(b). HOURLY NOISE DATA FOR SAN FRANCISCO SITE 1007



	DAY "d"	NIGHT "n"	WEIGHTING	WEIGHTED L ₅₀
MAX	93.8	80.0	2.	57.5
MIN	30.0	30.0	8.	59.5
NPL	75.7	72.8	10.	60.5
SIG	6.5	8.1	12.	61.7
L ₅₀	59.0	52.1		
TNI	79.0	79.3		
L ₁	73.0	65.0		
L ₃	66.2	59.2		
L ₅	64.0	55.9		
L ₁₀	60.2	51.7		
L ₂₀	55.9	46.6		
L ₃₀	53.5	42.9		
L ₄₀	51.8	39.4		
L ₅₀	50.4	36.8		
L ₆₀	49.0	35.0		
L ₇₀	47.6	34.0		
L ₈₀	46.5	33.2		
L ₉₀	43.9	32.5		
L ₉₅	42.3	31.8		
L ₉₇	41.3	31.6		
L ₉₉	39.2	31.3		

FIGURE B-97(c). DAY/NIGHT NOISE DATA FOR SAN FRANCISCO SITE 1007



L_{DN} : 61.2 dB
 ρ : 16,600 $\frac{\text{people}}{\text{sq. mi.}}$

SITE: 1008
 Address: 2242 33rd Ave.
 San Francisco, CA
 Microphone Height: 3.7 m.
 Distance to Curb: 6.4 m.

ROADWAY TYPE
 At Site: Local
 Vicinity: Arterial

TRAFFIC
 At Site: Cars
 Vicinity: Cars, Buses

OTHER NOISE SOURCES:

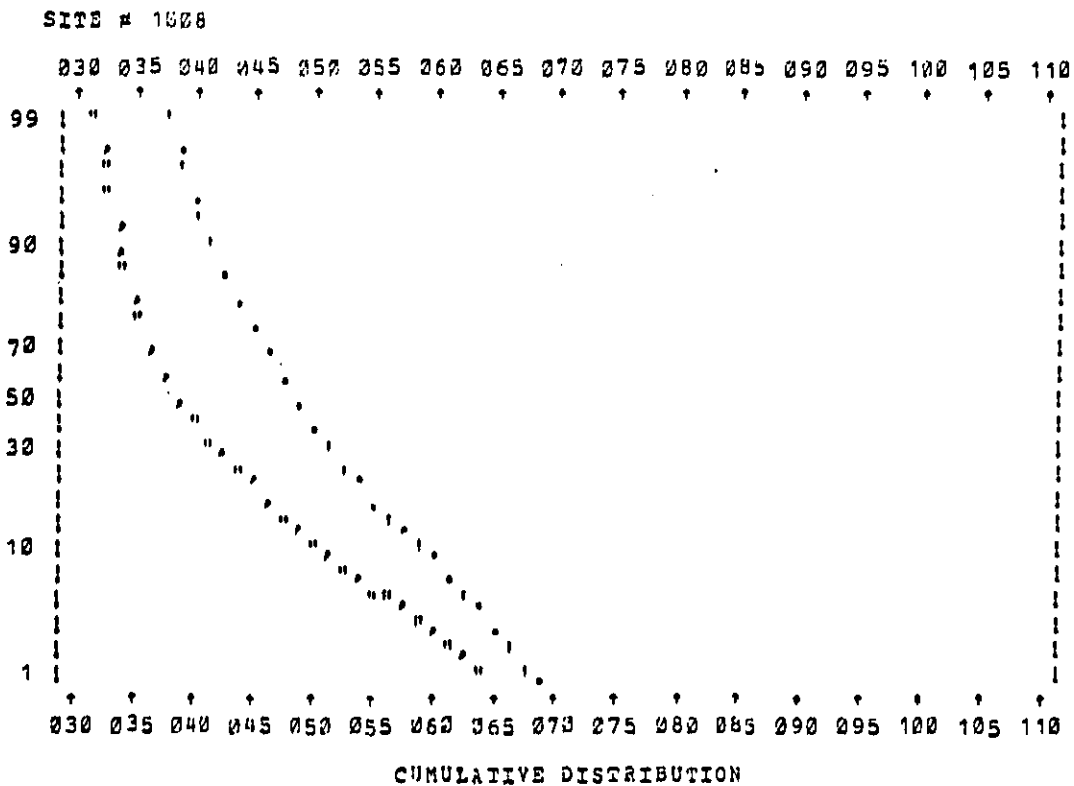
FIGURE B-98(a). DESCRIPTION OF SAN FRANCISCO SITE 1008

SITE # 1008

HR	MAX	MIN	NPL	SIG	LFQ	TNT	L1	L3	L5	L10	L20
1	71.3	33.8	61.7	5.0	49.0	47.7	63.3	54.9	51.2	47.7	45.3
2	76.3	32.5	61.1	5.2	47.7	42.5	61.1	56.5	51.5	44.8	41.0
3	87.5	32.5	70.1	5.3	56.4	35.4	63.1	53.0	48.6	42.7	39.0
4	73.8	31.3	59.0	4.9	46.4	24.5	57.8	52.5	49.7	38.7	36.8
5	78.8	30.0	52.5	2.8	45.3	17.5	45.5	38.5	37.3	36.1	35.2
6	86.3	30.0	73.1	7.1	55.0	60.0	64.6	59.6	54.1	46.9	40.4
7	86.3	30.0	78.7	8.8	56.3	96.0	66.1	63.1	61.2	57.2	50.3
8	85.0	33.8	75.2	7.2	56.7	77.9	68.4	64.0	61.1	55.7	50.6
9	73.8	33.8	71.0	6.9	53.4	79.7	66.0	62.5	60.0	56.4	50.9
10	82.5	33.8	76.4	7.5	57.0	79.6	70.9	64.7	61.7	55.9	49.6
11	82.5	36.3	71.0	6.3	54.9	76.4	66.2	62.6	60.5	57.6	53.0
12	78.8	37.5	71.9	6.6	55.1	76.1	66.7	63.2	60.9	57.4	53.7
13	80.0	37.5	78.7	7.7	59.1	89.3	72.0	67.4	64.8	60.9	55.8
14	82.5	37.5	73.6	6.4	57.1	75.5	67.9	64.0	61.7	57.9	53.4
15	71.3	38.8	70.1	6.2	54.3	77.2	65.5	63.2	61.6	58.3	53.1
16	86.3	40.0	73.0	5.8	58.1	76.1	68.3	65.2	63.7	60.8	57.0
17	95.0	41.3	78.1	5.8	63.3	71.2	69.5	65.0	62.8	59.5	55.4
18	90.0	42.5	76.6	5.9	61.5	75.4	69.9	66.0	64.2	61.3	57.1
19	83.8	42.5	71.0	5.2	57.8	66.4	69.3	65.0	62.9	59.4	55.7
20	82.5	43.8	74.1	5.6	59.7	74.9	71.0	67.2	65.4	62.4	58.6
21	90.0	42.5	75.2	6.0	59.7	75.6	70.9	67.3	64.9	61.2	57.3
22	78.8	40.0	67.0	5.0	54.1	58.4	66.3	62.3	59.6	54.9	50.9
23	76.3	38.8	68.8	5.6	54.4	67.4	66.2	63.4	61.2	56.5	51.8
24	80.0	36.3	74.0	6.8	56.7	66.0	70.9	63.6	60.2	54.0	48.0

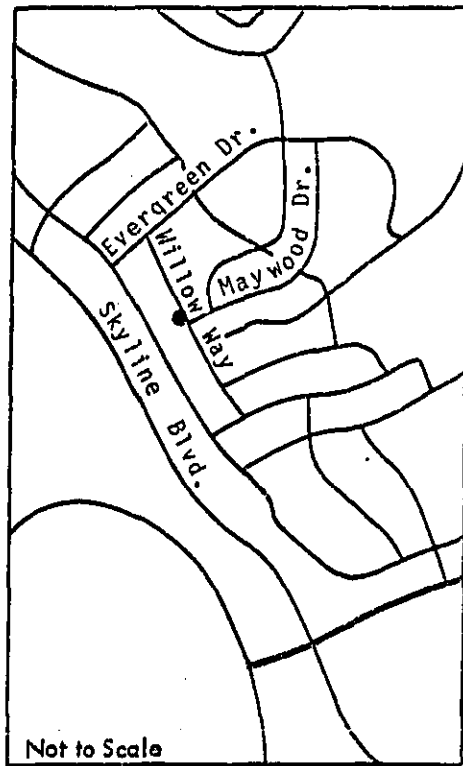
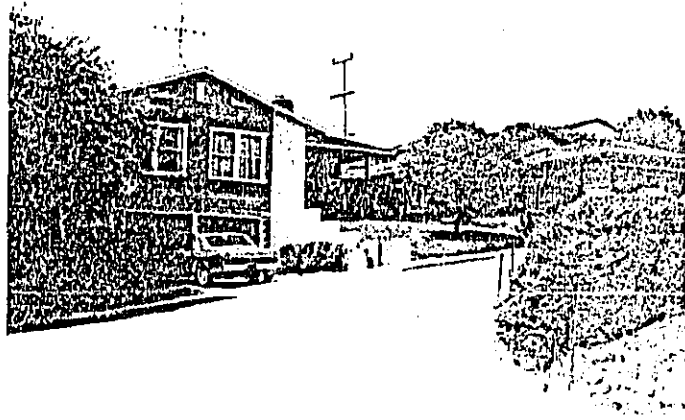
HR	L30	L40	L50	L60	L70	L80	L90	L95	L97	L99
1	43.4	42.0	41.0	40.1	39.3	38.5	37.7	37.0	36.6	36.3
2	39.5	38.5	37.8	37.3	36.7	36.2	35.5	35.1	35.0	34.2
3	37.9	37.3	36.8	36.4	36.0	35.6	35.2	34.9	34.4	34.0
4	36.0	35.6	35.1	34.7	34.4	34.0	33.4	32.9	32.7	32.6
5	34.7	34.3	33.9	33.5	33.2	32.8	32.3	31.7	31.5	31.3
6	38.2	36.7	35.7	34.8	34.1	33.3	32.6	31.8	31.5	30.9
7	47.7	45.0	43.9	38.6	37.0	35.6	34.2	33.4	32.9	32.2
8	47.6	45.6	43.8	42.2	40.8	39.5	38.3	37.6	37.1	36.3
9	48.3	46.3	44.4	42.5	41.1	39.8	38.6	37.8	37.4	36.5
10	46.4	44.4	42.8	41.4	40.3	39.2	38.0	37.2	36.7	36.0
11	50.1	48.1	46.7	45.4	44.2	42.9	41.4	40.3	39.5	38.3
12	51.0	48.5	46.3	44.7	43.5	42.4	41.1	40.3	40.0	39.1
13	51.8	49.3	47.4	45.7	44.2	42.8	41.4	40.6	40.2	39.4
14	50.4	48.3	46.8	45.5	44.3	43.2	42.1	41.4	40.9	40.2
15	50.2	48.2	46.7	45.3	44.1	43.1	42.0	41.5	41.2	40.3
16	54.2	52.4	51.3	50.0	48.5	47.0	45.7	44.8	44.2	43.2
17	52.8	51.2	50.0	49.1	48.2	47.1	45.6	44.6	44.1	43.1
18	54.3	52.3	50.9	49.7	48.7	47.8	46.6	45.9	45.5	45.0
19	53.5	52.0	50.9	49.9	49.0	48.1	47.1	46.4	46.0	45.3
20	56.0	54.1	52.7	51.6	50.5	49.4	48.2	47.5	47.0	46.3
21	54.7	52.7	51.2	49.9	48.7	47.6	46.4	45.5	45.1	44.2
22	49.0	47.8	46.9	46.1	45.4	44.6	43.8	43.0	42.7	41.8
23	49.4	47.9	46.8	45.6	44.9	44.0	42.9	42.1	41.7	41.2
24	45.3	43.6	42.4	41.6	40.9	40.2	39.4	38.9	38.8	37.9

FIGURE B-98(b). HOURLY NOISE DATA FOR SAN FRANCISCO SITE 1008



	DAY "L"	NIGHT "N"	WEIGHTING	WEIGHTED LEQ
MAX	95.0	87.5	0.	57.2
MIN	33.8	30.0	8.	60.0
NPL	76.1	72.4	10.	61.2
SIG	6.9	7.3	12.	62.7
LEQ	58.4	53.8		
TNI	82.6	69.5		
L1	68.9	64.8		
L3	64.9	59.9		
L5	62.7	55.8		
L10	59.1	50.2		
L20	54.5	45.7		
L30	51.9	42.6		
L40	50.0	40.2		
L50	48.4	38.4		
L60	46.9	37.0		
L70	45.4	35.9		
L80	43.5	34.9		
L90	41.3	33.7		
L95	39.7	32.9		
L97	38.8	32.6		
L99	37.5	31.7		

FIGURE B-98(c). DAY/NIGHT NOISE DATA FOR SAN FRANCISCO SITE 1008



L_{DN} :	63.8	dB
ρ :	9,600	$\frac{\text{people}}{\text{sq. mi.}}$

SITE: 1010
 Address: 2001 Willow Way
 San Bruno, CA
 Microphone Height: 3.7 m.
 Distance to Curb: 3.0 m.

ROADWAY TYPE
 At Site: Local
 Vicinity: Local

TRAFFIC
 At Site: Cars
 Vicinity: Cars

OTHER NOISE SOURCES:

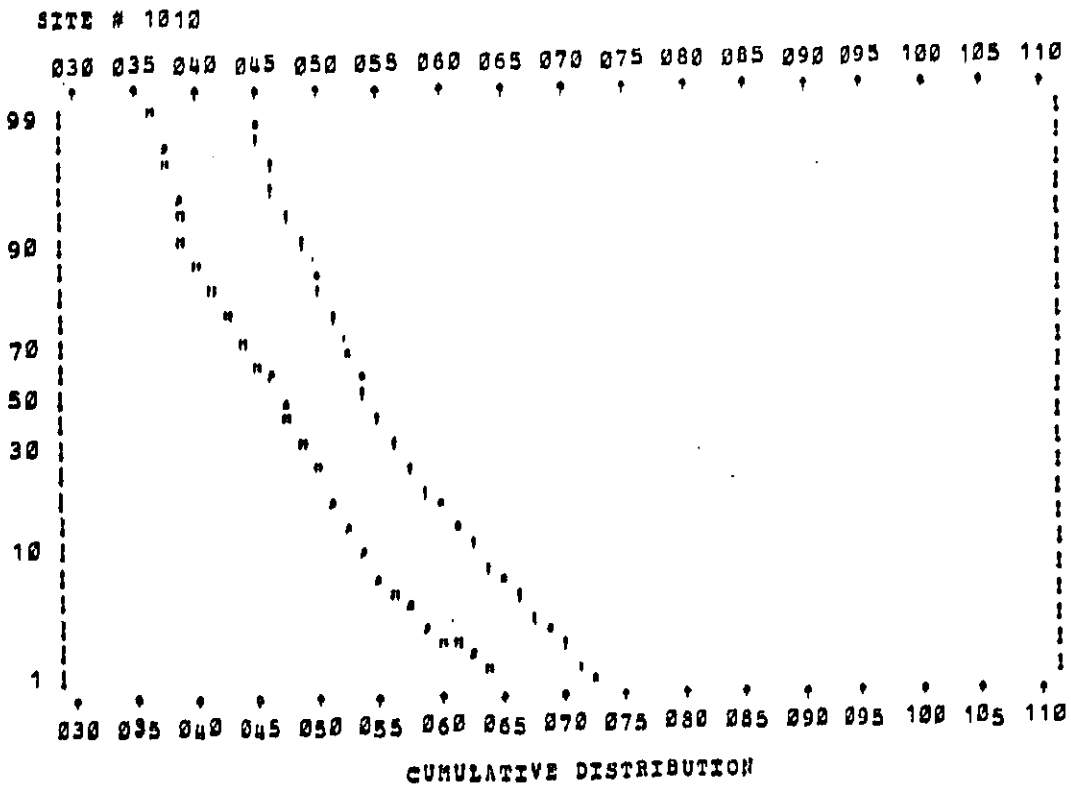
FIGURE B-99(a). DESCRIPTION OF SAN FRANCISCO SITE 1010

SITE # 1010

HR	MAX	MIN	NPL	SIG	LEQ	TNI	L1	L3	L5	L10	L20
1	85.0	42.5	60.7	2.8	53.4	41.4	57.6	55.0	54.0	52.6	51.2
2	76.3	42.5	60.8	3.4	52.0	47.0	61.8	57.1	55.5	53.6	51.9
3	77.5	38.8	64.8	4.5	53.3	44.5	66.3	60.8	55.4	51.0	48.9
4	76.3	35.0	63.4	4.8	51.0	39.7	65.5	56.8	50.2	46.2	43.9
5	78.8	33.8	62.6	4.4	51.3	33.4	63.5	50.0	46.7	43.5	41.3
6	76.3	36.3	60.7	4.5	49.3	48.1	59.7	56.0	53.3	49.2	46.1
7	90.0	40.0	78.5	6.3	62.3	64.2	73.8	64.9	61.3	55.7	51.6
8	91.3	41.3	81.8	7.1	63.7	80.3	74.8	70.1	67.0	61.1	55.9
9	82.5	42.5	73.9	5.8	59.0	75.6	71.0	66.8	64.5	61.3	57.6
10	82.5	42.5	75.0	5.9	60.2	75.8	72.0	68.2	65.9	61.9	58.6
11	83.8	41.3	81.2	7.3	62.5	92.9	73.8	70.7	68.9	66.1	62.5
12	96.3	40.0	75.1	5.7	60.6	72.4	70.3	67.2	65.0	61.3	58.8
13	86.3	43.8	68.9	4.3	58.0	55.4	69.3	62.5	59.8	57.4	55.2
14	87.5	46.3	72.2	4.5	60.7	64.6	70.6	66.2	64.5	62.1	59.9
15	97.5	40.8	70.4	5.1	65.3	72.5	75.1	71.0	69.1	65.9	62.9
16	78.8	48.8	67.4	3.3	58.8	54.5	68.6	64.4	62.6	60.9	59.2
17	90.0	47.5	72.1	4.4	60.8	62.9	71.4	67.3	64.9	62.0	59.3
18	87.5	48.8	76.3	5.3	62.7	75.5	73.5	70.4	68.6	65.5	61.5
19	90.0	48.8	78.4	4.0	60.1	54.4	70.7	66.5	63.6	59.9	57.1
20	98.8	48.8	82.9	5.7	68.2	75.8	76.2	71.7	69.3	65.7	61.6
21	87.5	45.0	70.0	4.3	59.0	57.8	69.7	65.1	62.5	59.4	56.6
22	78.8	46.3	68.1	4.4	57.0	57.3	68.9	64.5	62.0	58.4	54.8
23	81.3	43.0	66.7	4.1	56.2	56.1	67.3	62.1	60.2	57.6	54.9
24	71.3	42.5	58.7	3.0	51.1	43.6	59.8	57.2	55.6	53.3	51.3

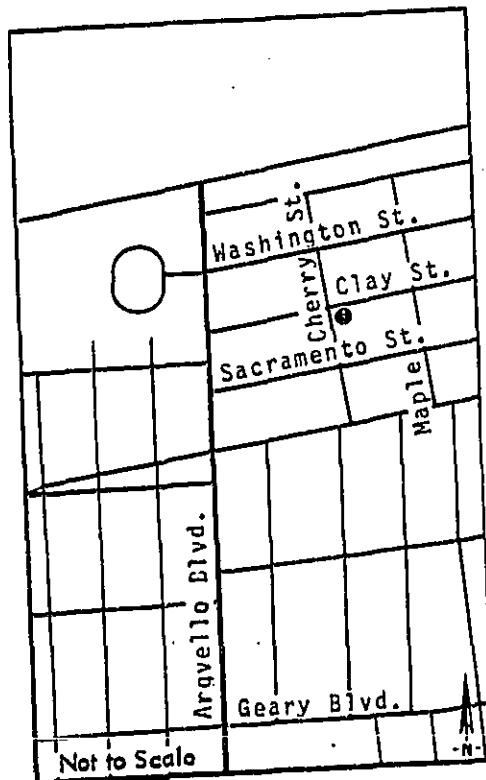
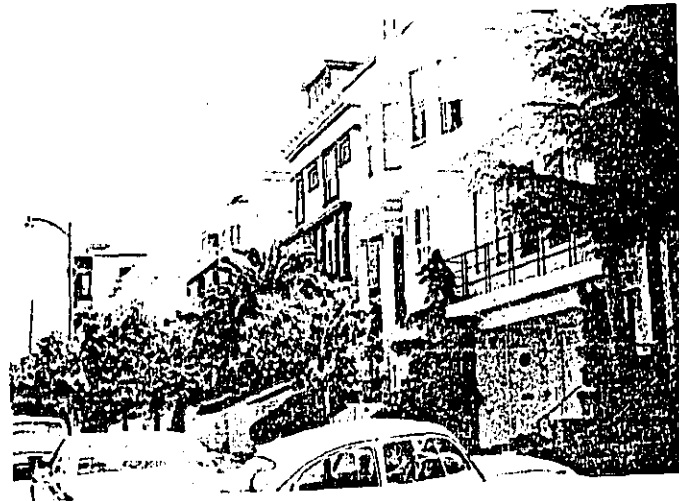
HR	L30	L40	L50	L60	L70	L80	L90	L95	L97	L99
1	50.2	49.5	48.9	48.3	47.7	47.1	46.4	45.7	45.4	45.0
2	50.8	49.9	49.1	48.3	47.6	46.8	45.8	45.2	44.7	44.0
3	47.7	46.7	46.0	45.3	44.7	44.0	43.1	42.6	42.0	41.3
4	42.8	42.0	41.3	40.6	40.0	39.2	38.3	37.8	37.5	36.7
5	40.4	39.7	39.0	38.5	38.0	37.6	36.9	36.5	36.3	35.7
6	44.7	43.6	42.7	41.9	41.2	40.4	39.5	39.0	38.7	37.9
7	49.4	47.8	46.6	45.6	44.7	43.8	42.8	42.1	41.7	41.2
8	53.2	51.3	49.7	48.4	47.2	46.0	44.7	43.9	43.4	42.7
9	55.5	53.7	52.2	50.8	49.5	48.1	46.6	45.6	45.2	44.3
10	56.6	54.8	53.3	51.9	50.6	49.2	47.3	46.2	45.6	44.7
11	59.2	56.1	53.7	51.9	50.3	48.8	47.1	46.2	45.4	44.2
12	53.9	52.3	51.0	50.0	49.2	48.4	47.5	46.7	46.3	45.3
13	54.0	53.0	52.2	51.4	50.5	49.4	48.8	47.9	46.6	45.8
14	58.6	57.5	56.3	55.1	54.0	52.7	51.3	50.3	49.8	49.0
15	61.1	59.6	58.5	57.3	56.2	55.1	53.7	52.7	52.1	51.4
16	58.2	57.3	56.5	55.7	55.0	54.1	53.1	52.5	51.9	51.4
17	57.7	56.3	55.3	54.4	53.5	52.7	51.7	51.1	50.6	50.1
18	59.1	57.5	56.2	55.1	54.1	53.2	52.2	51.5	51.1	50.3
19	55.7	54.8	54.1	53.5	53.0	52.5	51.8	51.4	51.2	50.4
20	59.3	57.6	56.4	55.2	54.2	53.3	52.3	51.6	51.3	50.5
21	55.0	54.1	53.3	52.5	51.8	51.1	49.9	48.6	48.0	47.2
22	53.0	52.1	51.3	50.7	50.2	49.5	48.8	48.1	47.8	47.4
23	53.3	52.1	51.3	50.6	49.9	49.1	48.1	47.5	47.0	46.4
24	50.4	49.6	49.0	48.4	47.9	47.3	46.5	46.0	45.5	45.1

FIGURE B-99(b). HOURLY NOISE DATA FOR SAN FRANCISCO SITE 1010



	DAY "d"	NIGHT "n"	WEIGHTING	WEIGHTED LEQ
MAX	98.8	90.0	0.	60.8
MIN	40.0	33.8	8.	62.8
NPL	76.8	70.2	10.	63.8
SID	5.7	5.7	12.	65.0
LEQ	62.2	55.5		
TMT	74.0	64.9		
L1	72.5	65.0		
L3	68.4	58.9		
L5	66.1	56.3		
L10	62.6	53.3		
L20	59.2	50.9		
L30	57.2	49.4		
L40	55.7	48.2		
L50	54.4	47.0		
L60	53.2	45.6		
L70	52.1	43.8		
L80	50.8	41.7		
L90	48.8	39.5		
L95	47.1	38.2		
L97	46.3	37.7		
L99	44.7	36.7		

FIGURE B-99(c). DAY/NIGHT NOISE DATA FOR SAN FRANCISCO SITE 1010



L_{DN} : 61.1 dB
 ρ : 22,600 $\frac{\text{people}}{\text{sq. mi.}}$

SITE: 1011
 Address: 3873 Clay
 San Francisco, CA
 Microphone Height: 3.7 m.
 Distance to Curb: 3.0 m.

ROADWAY TYPE
 At Site: Local
 Vicinity: Local

TRAFFIC
 At Site: Cars
 Vicinity: Cars

OTHER NOISE SOURCES:

FIGURE B-100(a). DESCRIPTION OF SAN FRANCISCO SITE 1011

DPW-1011-1011-1011

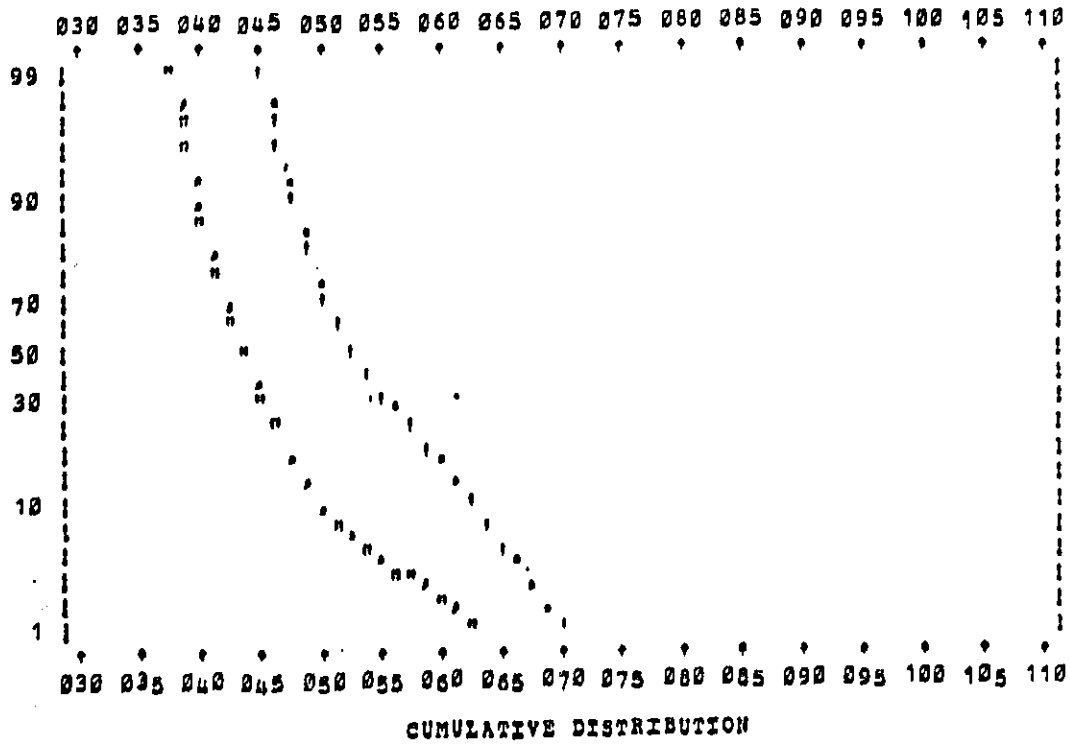
SITE # 1011

HR	MAX	MIN	NPL	SIG	L20	TNI	L1	L3	L5	L10	L20
1	77.5	38.8	63.3	4.3	52.2	42.1	65.0	58.7	54.5	49.9	47.0
2	77.5	40.0	58.0	3.3	49.4	33.8	60.8	52.7	49.8	47.3	45.8
3	68.8	37.5	53.7	3.0	46.1	31.8	57.2	49.9	47.6	45.7	44.5
4	60.0	36.3	48.1	2.3	42.1	27.7	51.0	46.4	44.9	43.5	42.3
5	73.8	36.3	56.6	3.5	47.6	29.0	58.0	49.4	46.0	43.6	42.3
6	76.3	36.3	54.2	2.8	47.0	32.3	51.2	47.5	46.5	45.2	43.7
7	76.3	40.0	66.6	5.1	53.4	58.2	66.1	61.4	58.5	54.0	49.5
8	76.3	42.5	70.9	5.3	57.3	65.7	69.5	65.7	63.0	58.8	55.2
9	86.3	45.0	77.2	6.1	61.6	79.3	72.7	68.4	66.3	63.6	59.7
10	82.5	45.0	74.4	5.6	60.1	74.3	71.0	66.9	65.1	62.6	59.5
11	82.5	45.0	71.5	5.1	58.4	70.0	69.1	66.1	64.5	61.4	57.9
12	81.3	45.0	73.1	5.4	59.2	74.2	69.8	66.8	65.1	62.7	59.5
13	78.8	45.0	72.8	5.4	59.1	72.4	70.0	66.9	65.0	62.4	59.3
14	87.5	35.0	84.5	7.6	65.2	86.7	77.8	72.2	69.8	65.9	62.6
15	83.8	46.3	72.9	5.3	59.2	73.5	69.6	66.4	64.9	62.7	59.6
16	81.3	46.3	74.8	5.5	60.7	76.4	71.9	68.5	66.8	64.2	60.4
17	85.0	46.3	76.0	5.8	61.3	79.5	71.4	68.6	67.2	64.9	61.7
18	87.5	45.0	76.4	5.6	61.9	77.8	71.6	68.3	66.8	64.6	61.8
19	85.0	45.0	74.7	5.7	60.0	76.5	70.9	67.5	65.9	63.2	59.3
20	78.8	43.8	72.4	5.4	58.5	71.5	70.2	66.4	64.4	61.3	57.2
21	77.5	42.5	71.3	5.6	57.0	70.3	68.9	65.5	63.8	59.9	54.8
22	77.5	42.5	67.7	5.0	54.9	60.8	66.9	62.8	60.5	56.7	52.6
23	91.3	42.5	72.8	5.2	59.5	60.6	68.3	63.3	60.7	56.7	52.1
24	75.0	41.3	64.3	4.5	52.8	54.2	64.6	61.1	59.0	54.4	50.3

HR	130	140	150	160	170	180	190	195	197	199
1	43.8	45.1	44.6	44.1	43.6	43.1	42.5	41.8	41.3	40.8
2	45.0	44.4	43.8	43.4	42.9	42.5	41.8	41.5	41.3	40.8
3	43.7	43.2	42.7	42.1	41.6	41.0	40.4	40.1	39.7	39.1
4	41.5	41.0	40.6	40.2	39.8	39.3	38.8	38.2	37.9	37.6
5	41.5	40.9	40.4	40.0	39.5	39.1	38.5	38.0	37.8	37.5
6	42.9	42.2	41.7	41.2	40.7	40.2	39.5	39.0	38.9	38.2
7	47.6	46.4	45.5	44.8	44.0	43.3	42.6	41.9	41.6	41.3
8	53.0	51.5	50.2	49.2	48.3	47.5	46.6	45.9	45.5	45.0
9	56.6	54.4	52.9	51.5	50.5	49.4	48.4	47.8	47.6	46.7
10	57.1	55.0	53.3	51.9	50.8	49.8	48.8	48.0	47.6	46.8
11	55.7	54.0	52.7	51.6	50.7	49.7	48.6	47.8	47.4	46.6
12	56.8	54.8	53.2	51.9	50.9	49.9	48.9	48.1	47.8	47.0
13	56.8	54.6	53.0	51.8	50.8	50.0	49.1	48.4	48.0	47.6
14	59.5	57.0	54.8	52.7	51.4	50.3	49.0	46.5	41.9	38.6
15	57.2	55.1	53.4	52.1	51.0	50.1	49.1	48.4	48.0	47.6
16	57.6	55.7	54.4	53.0	52.0	51.0	50.1	49.3	49.0	48.2
17	59.2	57.0	55.1	53.7	52.4	51.3	50.0	48.9	48.4	47.7
18	59.6	57.6	55.8	54.3	52.9	51.6	50.2	49.2	48.7	47.7
19	56.6	54.3	52.6	51.4	50.5	49.7	48.8	48.1	47.7	47.1
20	54.8	52.9	51.5	50.5	49.6	48.8	47.9	47.3	46.8	46.4
21	51.7	49.9	48.8	48.2	47.6	47.0	46.4	45.8	45.4	45.1
22	49.7	48.4	47.5	47.0	46.5	46.0	45.3	45.0	44.6	44.0
23	49.8	48.6	47.8	47.2	46.6	46.1	45.4	45.1	44.8	44.1
24	48.5	47.4	46.8	46.2	45.7	45.2	44.5	44.0	43.8	43.0

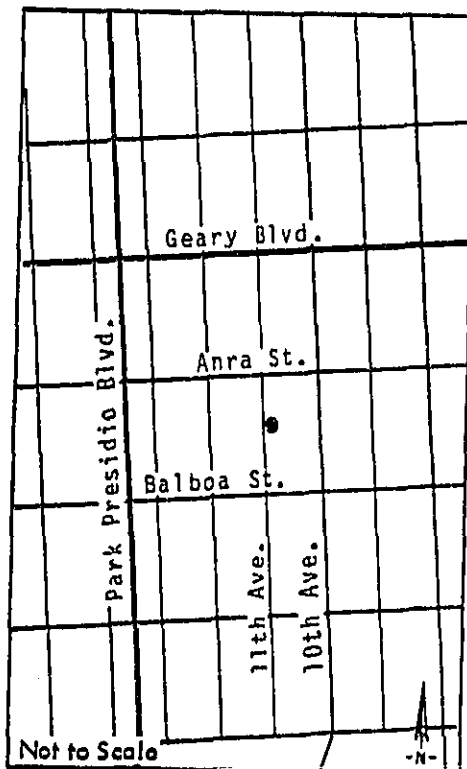
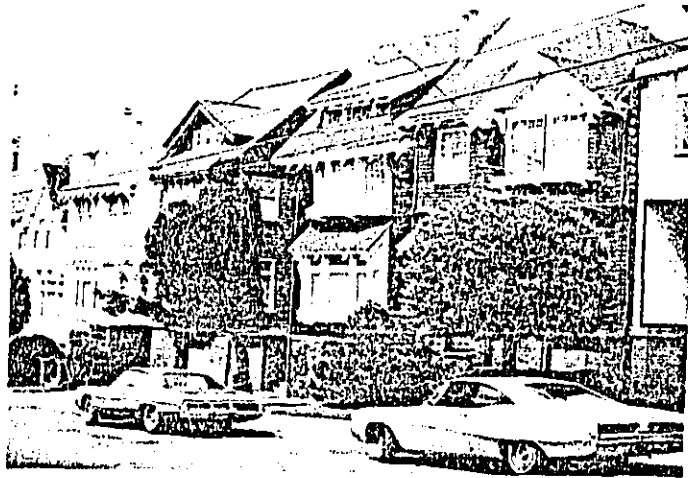
FIGURE B-100(b). HOURLY NOISE DATA FOR SAN FRANCISCO SITE 1011

SITE # 1011



	DAY 'd'	NIGHT 'n'	WEIGHTING	WEIGHTED LEQ
MAX	87.5	91.3	0.	58.2
MIN	35.0	36.3	8.	60.2
MPL	74.7	65.4	10.	61.1
STD	5.9	4.9	12.	62.4
LEQ	59.7	52.8		
TWI	77.6	58.3		
L1	70.6	63.6		
L3	67.2	57.9		
L5	65.4	54.4		
L10	62.7	50.0		
L20	59.0	47.2		
L30	56.2	45.9		
L40	54.2	44.8		
L50	52.6	43.8		
L60	51.3	42.9		
L70	50.2	42.0		
L80	49.1	41.0		
L90	47.7	39.9		
L95	46.7	39.1		
L97	46.3	38.8		
L99	45.3	38.0		

FIGURE B-100(c). DAY/NIGHT NOISE DATA FOR SAN FRANCISCO SITE 1011



L_{DN} :	61.9	dB
ρ :	30,200	$\frac{\text{people}}{\text{sq. mi.}}$

SITE: 1012
 Address: 538 11th Ave.
 San Francisco, CA
 Microphone Height: 3.7 m.
 Distance to Curb: 3.7 m.

ROADWAY TYPE

At Site: Local
 Vicinity: Local

TRAFFIC

At Site: Cars
 Vicinity: Cars

OTHER NOISE SOURCES:

FIGURE B-101(a). DESCRIPTION OF SAN FRANCISCO SITE 1012

SITE # 1012

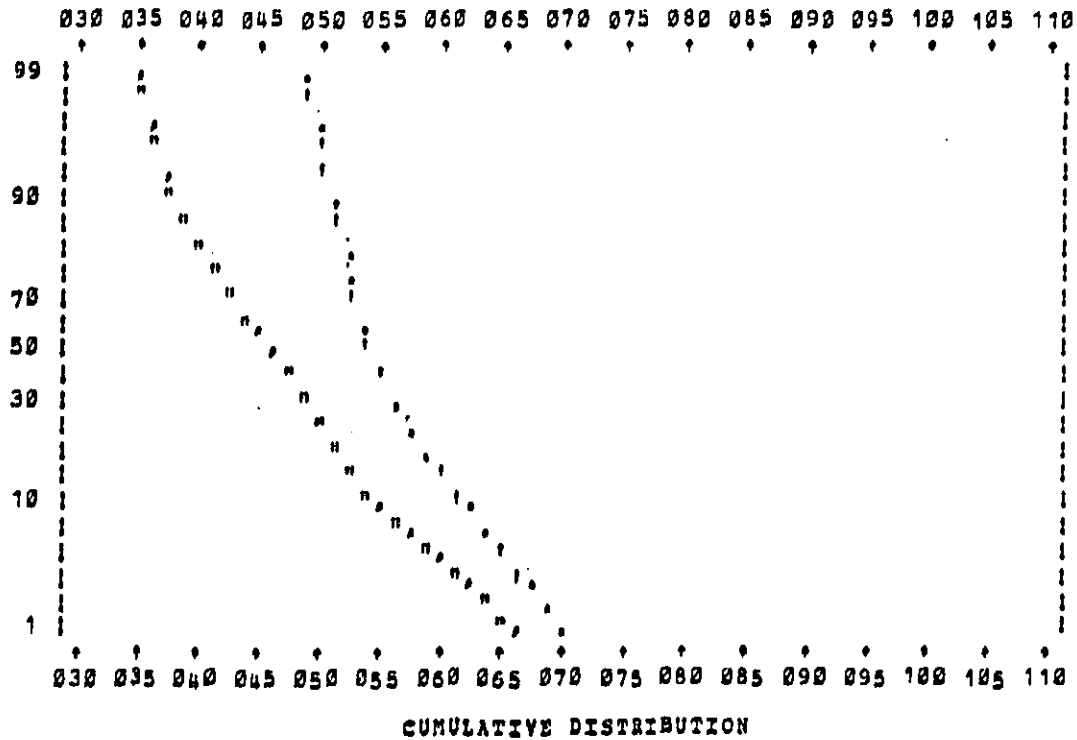
HR	MAX	MIN	NPL	SIG	LEQ	TNI	L1	L3	L5	L10	L20
1	85.0	41.3	66.5	4.7	54.4	55.0	66.8	62.3	59.2	54.7	51.4
2	86.3	38.8	66.9	4.7	54.8	50.1	65.7	59.3	55.8	51.7	49.0
3	71.3	33.8	58.6	4.4	47.4	48.9	58.5	53.2	51.2	48.5	45.8
4	73.8	31.3	59.7	4.8	47.5	47.5	58.3	51.9	49.6	46.2	43.0
5	75.0	31.3	59.1	4.6	47.4	43.1	59.2	49.7	47.3	44.8	41.8
6	76.3	33.8	65.3	5.4	51.5	60.8	63.5	57.0	55.6	52.2	48.1
7	77.5	37.5	67.2	5.0	54.4	59.1	65.8	61.6	58.5	55.0	52.5
8	76.3	47.5	68.9	4.2	58.1	62.1	69.3	65.5	63.4	61.3	57.4
9											
10	81.3	46.3	69.3	4.1	58.7	58.7	69.4	66.2	63.9	60.6	57.2
11	85.0	47.5	71.6	4.5	60.1	63.2	71.3	67.2	65.2	61.9	58.8
12	86.3	48.8	71.3	4.3	60.3	62.8	71.2	67.1	65.1	62.2	58.6
13	93.8	47.5	71.9	4.1	61.3	58.8	70.8	66.8	64.8	61.3	58.0
14	82.5	48.8	70.6	4.2	59.9	62.1	70.5	67.4	65.8	62.5	58.6
15	100.0	32.5	79.7	6.3	63.5	75.9	71.0	67.4	65.5	62.3	59.1
16	80.0	47.5	69.7	4.2	59.0	60.3	69.3	66.5	64.6	61.1	57.7
17	77.5	48.8	69.6	4.1	59.1	63.0	69.3	66.7	65.1	62.4	59.1
18											
19	86.3	47.5	73.8	4.9	61.4	69.5	72.1	68.4	66.7	63.8	60.1
20	87.5	47.5	74.2	5.1	61.2	72.2	71.9	68.6	66.9	64.2	60.9
21	86.3	46.3	70.6	4.3	59.5	55.9	69.8	64.9	62.6	58.7	55.3
22	82.5	45.0	69.5	4.6	57.6	62.3	68.6	65.5	63.5	59.7	55.7
23	78.8	45.0	69.8	4.8	57.5	63.9	69.1	65.7	63.6	59.8	55.7
24	77.5	42.5	70.7	5.2	57.2	70.7	68.5	65.8	64.0	60.8	55.1

HR	L30	L40	L50	L60	L70	L80	L90	L95	L97	L99
1	49.7	48.6	47.0	47.1	46.4	45.6	44.6	43.9	43.4	42.7
2	47.6	46.6	45.7	44.9	44.1	43.3	42.3	41.5	41.0	40.3
3	44.1	42.9	42.0	41.1	40.3	39.4	38.3	37.6	37.1	36.4
4	41.3	40.2	39.3	38.5	37.7	36.8	35.7	35.0	34.4	33.8
5	40.2	39.2	38.4	37.6	36.9	36.2	35.3	34.7	34.3	33.8
6	46.0	44.8	43.8	42.9	42.0	41.0	39.3	38.0	37.2	35.9
7	51.2	50.0	48.9	47.8	46.6	45.3	43.6	42.2	41.4	40.3
8	55.3	54.2	53.4	52.8	52.2	51.7	51.0	50.4	50.1	49.3
9										
10	55.6	54.6	53.8	53.2	52.7	52.0	51.3	50.5	50.2	49.4
11	56.9	55.8	54.6	53.8	53.1	52.3	51.4	50.7	50.3	49.7
12	57.0	55.9	55.0	54.3	53.6	52.9	52.0	51.4	51.0	50.2
13	56.4	55.5	54.8	54.2	53.6	53.0	52.2	51.6	51.3	50.3
14	57.0	56.1	55.3	54.7	54.1	53.4	52.6	51.8	51.5	50.8
15	57.3	55.9	54.7	53.8	52.9	51.7	47.8	42.8	40.1	36.7
16	56.0	54.9	54.2	53.5	52.9	52.2	51.4	50.7	50.3	49.9
17	57.0	55.9	55.0	54.4	53.8	53.0	52.2	51.6	51.3	50.5
18										
19	57.8	56.2	55.1	54.3	53.6	52.9	51.9	51.3	50.8	50.1
20	58.8	57.1	55.7	54.6	53.5	52.6	51.5	50.7	50.3	49.4
21	53.7	52.9	52.2	51.6	51.0	50.4	49.6	49.0	48.8	48.0
22	53.7	52.5	51.7	51.0	50.4	49.7	48.9	48.1	47.7	46.9
23	53.6	52.3	51.3	50.5	49.8	49.2	48.4	47.8	47.6	46.7
24	52.4	51.2	50.5	49.8	49.1	48.4	47.5	46.8	46.2	45.3

FIGURE B-101(b). HOURLY NOISE DATA FOR SAN FRANCISCO SITE 1012

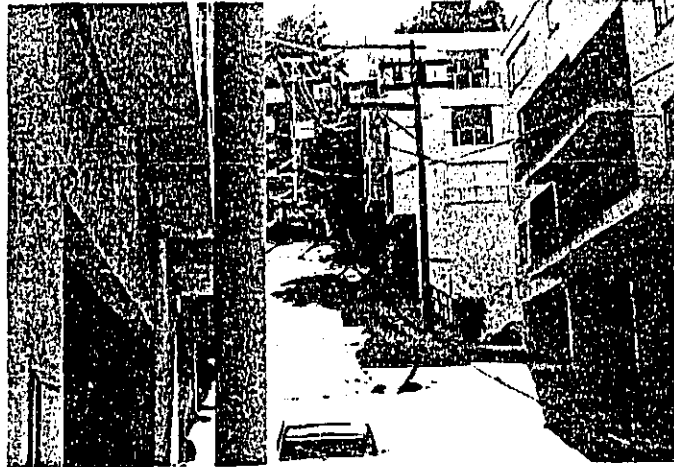
DRAFT REPORT APRIL 1970

SITE # 1012



	DAY "1"	NIGHT "n"	WEIGHTING	WEIGHTED LEQ
MAX	100.0	86.3	0.	58.6
MIN	32.5	31.3	8.	60.9
MPL	71.9	71.1	10.	61.9
STG	4.6	6.7	12.	63.3
LEQ	60.0	54.0		
THI	64.8	73.3		
L1	70.4	66.4		
L3	67.0	61.8		
L5	65.0	58.6		
L10	61.9	54.3		
L20	58.4	51.1		
L30	56.4	49.4		
L40	55.2	47.9		
L50	54.4	46.2		
L60	53.6	44.4		
L70	52.8	42.5		
L80	52.0	40.3		
L90	51.0	38.0		
L95	50.1	36.5		
L97	49.5	35.8		
L99	48.2	34.7		

FIGURE B-101(c). DAY/NIGHT NOISE DATA FOR SAN FRANCISCO SITE 1012



L_{DN} :	68.2 dB
ρ :	16,500 $\frac{\text{people}}{\text{sq. mi.}}$

SITE: 1013
 Address: 10 Glendale
 San Francisco, CA
 Microphone Height: 3.7 m.
 Distance to Curb: 0.0 m.

ROADWAY TYPE

At Site: Local
 Vicinity: Arterial

TRAFFIC

At Site: Cars
 Vicinity: Cars, Trucks, Buses

OTHER NOISE SOURCES:

FIGURE B-102(a). DESCRIPTION OF SAN FRANCISCO SITE 1013

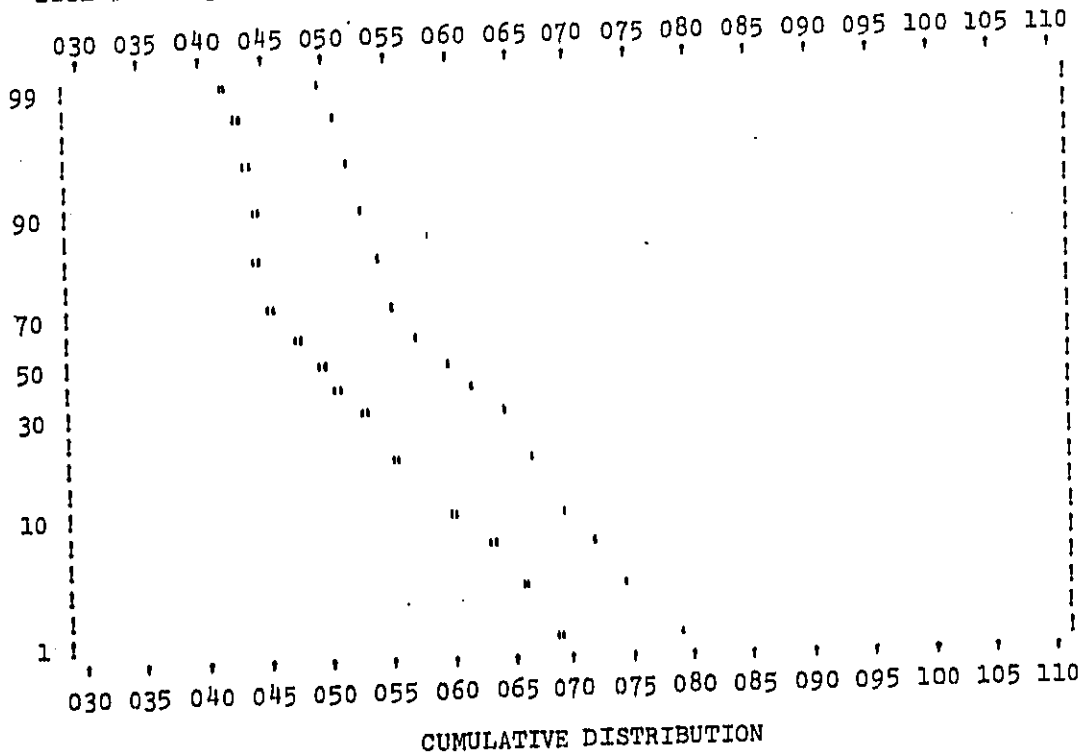
SITE # 1013

HR	MAX	MIN	NPL	SIG	LEQ	TNI	L1	L3	L5	L10	L20
1	80.0	42.0	73.0	5.8	58.1	67.9	69.0	66.4	64.3	58.5	53.8
2	72.0	42.0	67.5	5.0	54.8	58.3	66.0	63.7	60.7	55.9	51.9
3	76.0	40.0	67.6	5.1	54.5	55.4	66.0	62.8	58.5	53.5	49.2
4	68.0	39.0	57.8	3.4	49.2	34.1	61.3	54.5	50.3	47.8	46.3
5	75.0	41.0	63.3	4.0	53.0	43.4	64.0	55.7	53.8	50.7	48.4
6	70.0	41.0	66.0	5.0	53.3	56.5	65.0	60.8	57.5	54.5	51.6
7											
8	85.0	49.0	77.4	5.1	64.5	75.0	74.6	71.0	68.9	66.8	63.8
9	87.0	48.0	78.3	5.3	64.8	76.1	72.5	69.1	67.5	65.9	62.8
10	77.0	46.0	75.1	5.1	62.0	73.7	72.3	68.7	67.1	64.9	62.3
11	84.0	48.0	76.8	5.3	63.4	75.2	71.9	69.3	67.6	65.8	64.0
12	92.0	46.0	82.9	6.3	66.9	83.7	75.0	72.5	70.0	67.8	65.2
13	82.0	46.0	80.5	5.9	65.4	82.6	76.0	72.4	70.5	68.0	64.8
14	89.0	50.0	85.1	6.2	69.2	87.3	80.3	75.1	73.6	71.1	68.2
15	89.0	52.0	88.6	6.5	71.8	91.2	82.5	79.1	77.2	74.6	71.8
16	91.0	54.0	92.9	6.8	75.5	98.8	86.5	84.2	81.5	77.9	74.6
17	83.0	50.0	78.7	4.9	66.2	73.2	74.7	70.9	69.5	67.8	66.2
18	90.0	50.0	80.2	5.2	66.9	77.6	75.3	71.8	70.5	68.6	66.5
19	102.0	49.0	87.4	5.6	73.1	79.7	72.5	69.7	68.8	67.0	64.5
20	84.0	49.0	77.9	5.4	64.1	76.4	73.7	69.6	68.3	66.2	63.8
21	78.0	49.0	75.6	5.3	62.1	75.1	72.0	68.4	67.4	65.3	62.6
22	81.0	48.0	75.0	5.4	61.2	75.7	70.3	67.3	66.5	64.4	61.3
23	83.0	48.0	75.5	5.3	61.9	75.8	69.9	67.5	66.7	64.7	61.9
24	78.0	46.0	74.0	5.5	60.0	75.8	69.7	67.7	65.7	63.1	57.9

HR	L30	L40	L50	L60	L70	L80	L90	L95	L97	L99
1	51.3	50.7	49.6	47.6	46.8	46.0	45.1	44.6	44.2	43.6
2	49.9	48.9	48.4	46.8	46.1	45.5	44.9	44.3	44.1	43.5
3	47.5	46.5	45.7	44.9	44.2	43.5	42.8	42.1	41.7	41.2
4	45.4	44.7	44.2	43.8	43.4	42.9	42.2	41.7	41.3	41.0
5	46.5	46.0	45.4	44.9	44.4	43.7	43.1	42.5	42.2	41.7
6	49.7	48.6	46.9	46.1	45.5	44.7	43.8	43.2	43.0	42.3
7										
8	61.6	59.9	58.7	57.7	56.7	55.5	54.0	52.6	51.9	51.0
9	60.4	58.6	57.4	56.3	55.2	54.0	52.3	51.5	50.5	49.4
10	60.0	58.2	57.0	56.0	54.6	53.3	51.7	50.7	50.1	49.1
11	61.5	59.6	57.9	56.6	55.4	54.2	52.6	51.4	50.7	49.3
12	63.0	60.6	58.5	56.7	55.2	53.9	52.3	50.9	50.0	48.7
13	62.7	60.4	58.6	57.3	56.0	54.6	53.0	51.7	51.0	50.6
14	65.6	62.8	61.2	60.8	58.4	57.1	55.5	54.3	53.4	52.0
15	68.9	66.5	64.3	62.6	61.3	59.6	58.0	56.7	56.0	55.0
16	72.3	70.1	67.9	66.1	64.5	62.6	60.7	59.5	58.5	56.6
17	64.7	63.5	62.2	60.5	59.0	57.4	55.8	54.7	54.1	52.3
18	64.9	63.7	62.0	60.3	58.6	57.3	55.4	54.2	53.5	52.3
19	62.4	60.2	58.6	56.9	55.7	54.3	52.7	51.8	51.3	50.6
20	61.7	59.8	58.1	56.6	55.4	54.2	52.6	51.7	51.2	50.5
21	59.8	57.8	56.2	54.9	53.9	52.9	51.9	51.1	50.6	50.0
22	58.6	56.4	54.8	53.5	52.5	51.6	50.5	49.8	49.3	48.5
23	58.9	57.0	55.6	54.2	52.9	52.2	51.0	50.1	49.6	48.8
24	55.7	54.0	52.7	51.7	50.8	49.8	48.8	48.1	47.6	47.1

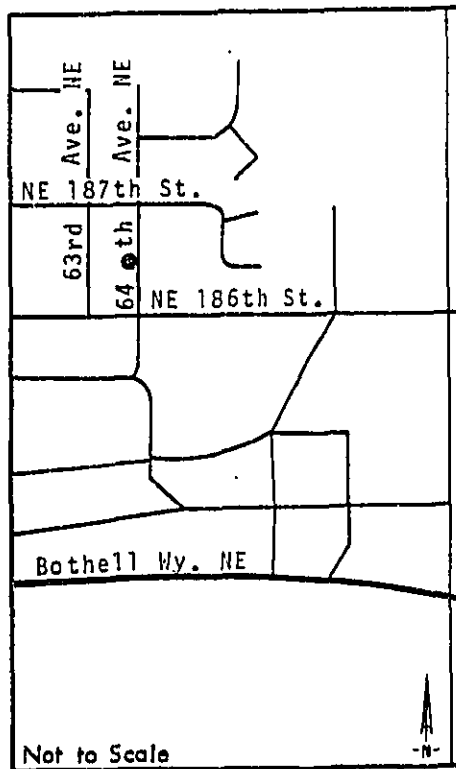
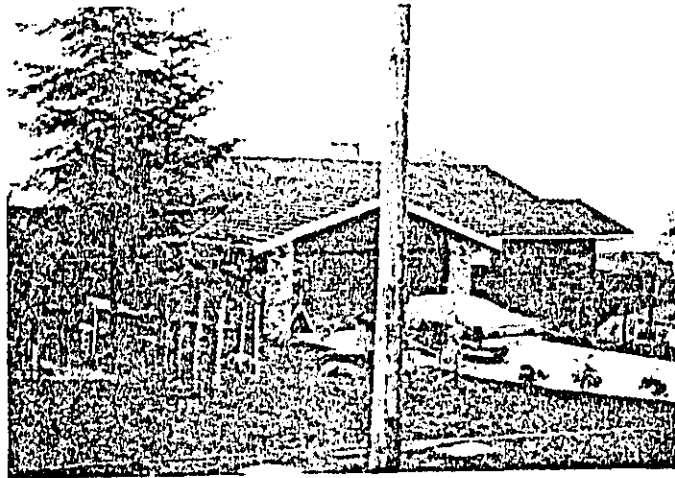
FIGURE B-102(b). HOURLY NOISE DATA FOR SAN FRANCISCO SITE 1013

SITE # 1013



	DAY	NIGHT	WEIGHTING	WEIGHTED LEQ
MAX	102.0	93.0	0.	66.8
MIN	46.0	39.0	8.	67.6
NPL	84.7	80.8	10.	68.2
SIG	6.4	6.9	12.	68.8
LEQ	68.7	57.2		
TNI	86.9	79.8		
L1	79.1	69.5		
L3	74.4	65.9		
L5	72.2	64.1		
L10	68.9	59.8		
L20	65.8	55.4		
L30	63.6	52.5		
L40	61.5	50.5		
L50	59.5	48.6		
L60	57.9	47.0		
L70	56.3	45.8		
L80	54.8	44.8		
L90	52.9	43.5		
L95	51.6	43.0		
L97	51.0	42.5		
L99	49.8	41.6		

FIGURE B-102(c). DAY/NIGHT NOISE DATA FOR SAN FRANCISCO SITE 1013



L_{DN} :	55.6	dB
ρ :	2,600	$\frac{\text{people}}{\text{sq. mi.}}$

SITE: 1501
 Address: 18534 64th Ave. NE
 Seattle, WA
 Microphone Height: 1.5 m.
 Distance to Curb: 11.0 m.

ROADWAY TYPE
 At Site: Local
 Vicinity: Local

TRAFFIC
 At Site: Cars
 Vicinity: Cars, Trucks

OTHER NOISE SOURCES:

FIGURE B-103(a). DESCRIPTION OF SEATTLE SITE 1501

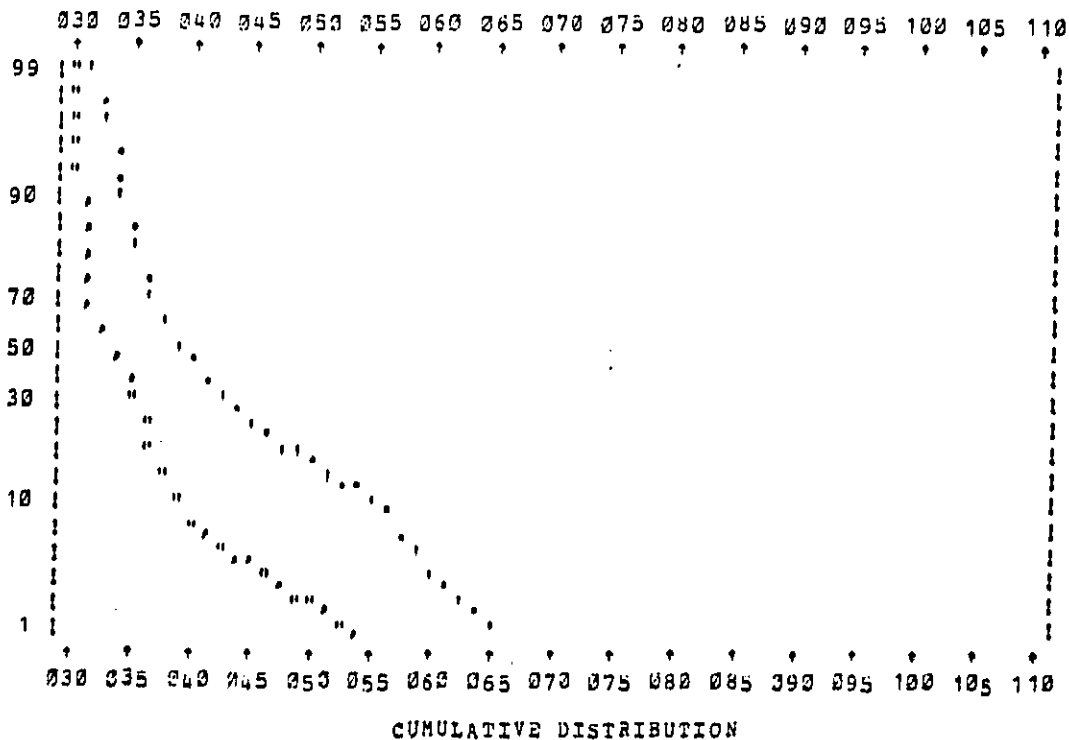
SITE # 1531

HR	MAX	MIN	NPL	SIG	LEQ	TNI	L1	L3	L5	L10	L20
1	86.3	30.0	65.1	5.7	50.5	51.4	57.0	52.0	48.6	44.2	39.0
2	88.8	30.0	69.1	6.0	53.8	42.7	58.9	51.9	47.7	40.9	35.1
3	53.8	30.0	36.7	1.8	32.1	13.3	39.7	36.4	34.9	33.5	32.1
4	70.0	30.0	42.5	2.1	37.2	4.4	38.7	32.8	31.8	31.2	31.1
5	68.8	30.0	45.4	3.1	37.5	16.8	46.9	40.0	37.4	34.3	32.2
6	63.8	30.0	43.4	2.7	36.4	20.3	42.6	38.4	37.0	35.4	34.2
7	61.3	30.0	45.7	2.7	38.8	23.6	48.2	41.6	39.8	38.5	37.6
8	78.8	30.0	70.9	7.4	52.0	64.2	65.8	60.8	55.8	47.9	42.0
9	75.0	30.0	65.2	6.4	48.8	59.4	62.0	55.9	51.9	47.0	39.1
10	82.0	30.0	76.4	8.4	54.9	76.9	68.9	63.5	58.7	50.9	42.4
11	82.5	30.0	68.8	6.5	52.2	55.2	63.0	55.8	52.1	46.0	40.4
12	77.5	31.3	63.8	5.8	48.8	59.5	61.8	56.2	53.1	49.0	44.4
13	90.0	30.0	69.7	6.4	53.2	62.1	62.4	57.4	54.3	48.6	42.4
14	77.5	32.5	65.3	6.1	49.7	59.6	62.5	56.5	53.1	48.7	44.7
15	87.5	31.3	74.0	7.5	54.9	79.1	60.1	61.4	58.9	54.1	48.4
16	91.3	31.3	78.5	7.9	58.4	77.0	64.4	61.8	58.0	52.9	46.6
17	81.3	31.3	76.7	8.4	55.3	94.1	66.4	62.1	60.6	58.3	54.4
18	81.3	31.3	79.8	9.2	56.2	102.2	66.1	62.6	61.5	59.8	57.5
19	73.8	31.3	68.9	7.0	51.0	78.4	62.9	59.8	57.8	53.8	48.9
20	86.3	31.3	81.7	9.3	57.9	96.1	69.1	65.9	63.0	59.8	57.8
21	78.8	32.5	73.8	7.2	55.3	70.5	69.8	63.9	59.0	52.8	46.8
22	82.5	32.5	67.7	6.0	52.3	60.5	62.8	57.2	54.2	49.6	43.6
23	71.3	32.5	57.5	4.7	45.5	41.9	58.7	52.4	49.1	44.4	39.9
24	68.8	30.0	58.5	4.9	45.9	35.4	60.8	52.6	47.8	41.7	38.5

HR	L30	L40	L50	L60	L70	L80	L90	L95	L97	L99
1	36.7	35.3	34.4	33.7	33.1	32.5	31.7	31.3	30.9	30.3
2	33.3	32.3	31.7	31.2	30.9	30.6	30.3	30.1	30.1	30.0
3	31.2	31.1	30.9	30.7	30.5	30.4	30.2	30.1	30.1	30.0
4	30.9	30.8	30.7	30.5	30.4	30.3	30.1	30.1	30.0	30.0
5	31.2	31.0	30.9	30.7	30.5	30.3	30.2	30.1	30.1	30.0
6	33.4	32.9	32.3	31.7	31.1	30.8	30.4	30.2	30.1	30.0
7	37.1	36.7	36.2	35.8	35.3	34.6	33.5	32.9	32.6	31.8
8	39.2	37.5	36.1	35.0	34.1	33.3	32.5	31.8	31.5	31.3
9	36.6	35.6	34.9	34.4	33.9	33.4	32.8	32.6	32.3	31.6
10	38.7	36.7	35.3	34.4	33.7	33.0	32.3	31.7	31.5	31.1
11	37.5	36.0	35.1	34.5	34.0	33.5	32.9	32.6	32.5	31.7
12	41.6	40.0	39.0	38.2	37.4	36.6	35.5	34.7	34.3	33.8
13	39.9	38.5	37.4	36.6	35.8	35.1	34.1	33.4	32.9	32.1
14	42.2	40.4	38.9	37.7	36.8	35.9	35.1	34.4	34.1	33.7
15	45.0	42.7	40.9	39.3	38.1	37.0	35.7	34.9	34.3	33.8
16	42.8	40.4	38.6	37.3	36.3	35.5	34.7	34.1	33.9	33.1
17	50.6	47.1	44.5	42.2	40.2	38.3	36.3	35.0	34.3	33.2
18	55.2	52.8	49.5	45.5	41.1	38.0	35.7	34.5	34.0	33.1
19	45.8	43.4	41.6	40.3	38.8	37.3	35.6	34.5	34.0	32.9
20	56.3	53.9	49.4	45.2	41.5	39.1	37.1	36.0	35.3	34.3
21	43.8	42.2	40.9	39.8	38.9	37.9	36.9	36.3	35.7	35.1
22	41.3	40.2	39.3	38.5	37.7	36.9	35.9	35.3	35.1	34.2
23	38.5	37.9	37.3	36.8	36.3	35.7	35.2	34.6	34.3	33.9
24	37.5	36.9	36.3	35.7	35.2	34.5	33.8	33.1	32.7	32.0

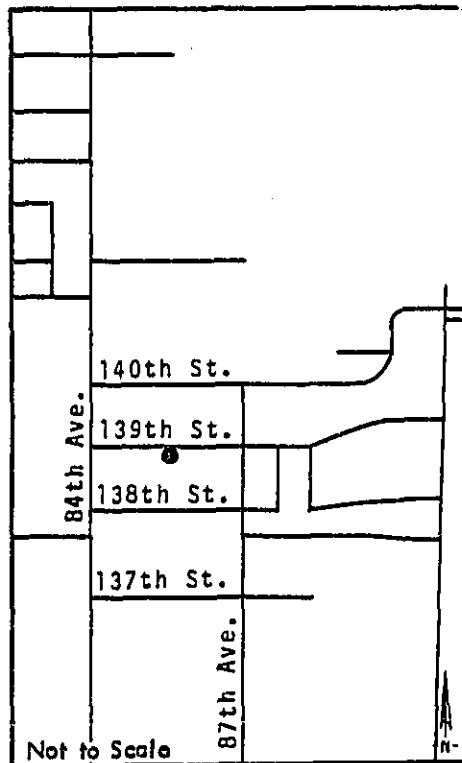
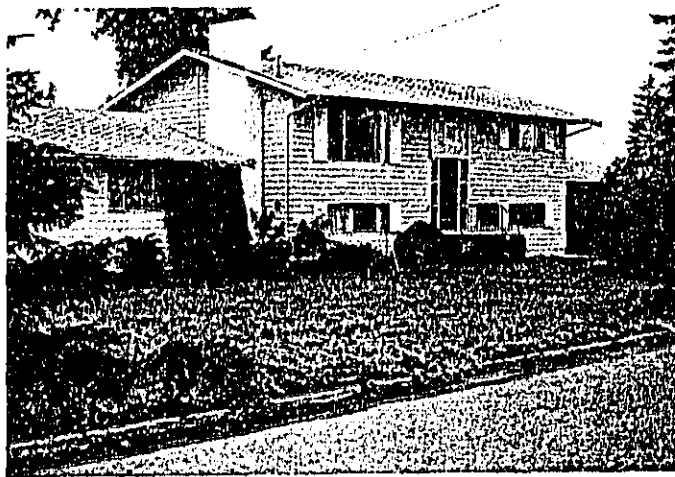
FIGURE B-103(b). HOURLY NOISE DATA FOR SEATTLE SITE 1501

SITE # 1501



	DAY ".",	NIGHT "*",	WEIGHTING	WEIGHTED LEQ
MAX	91.3	88.8		
MIN	30.0	30.0	0.	52.8
NPL	75.3	59.4	8.	54.6
SIG	8.2	4.9	10.	55.6
L20	54.4	47.0	12.	56.7
TNI	89.0	35.0		
L1	66.2	54.6		
L3	61.0	47.1		
L5	58.9	43.3		
L10	55.2	39.0		
L20	48.3	37.0		
L30	43.8	35.8		
L40	41.1	34.5		
L50	39.3	33.2		
L60	37.8	31.9		
L70	36.6	31.1		
L80	35.3	30.7		
L90	34.0	30.4		
L95	33.1	30.2		
L97	32.7	30.1		
L99	31.8	30.0		

FIGURE B-103(c). DAY/NIGHT NOISE DATA FOR SEATTLE SITE 1501



L_{DN} :	55.1	dB
ρ :	1,600	$\frac{\text{people}}{\text{sq. mi.}}$

SITE: 1502
 Address: 8605 NE 139th
 Seattle, WA
 Microphone Height: 1.5 m.
 Distance to Curb: 9.1 m.

ROADWAY TYPE
 At Site: Local
 Vicinity: Collector

TRAFFIC
 At Site: Cars
 Vicinity: Cars

OTHER NOISE SOURCES:

FIGURE B-104(a). DESCRIPTION OF SEATTLE SITE 1502

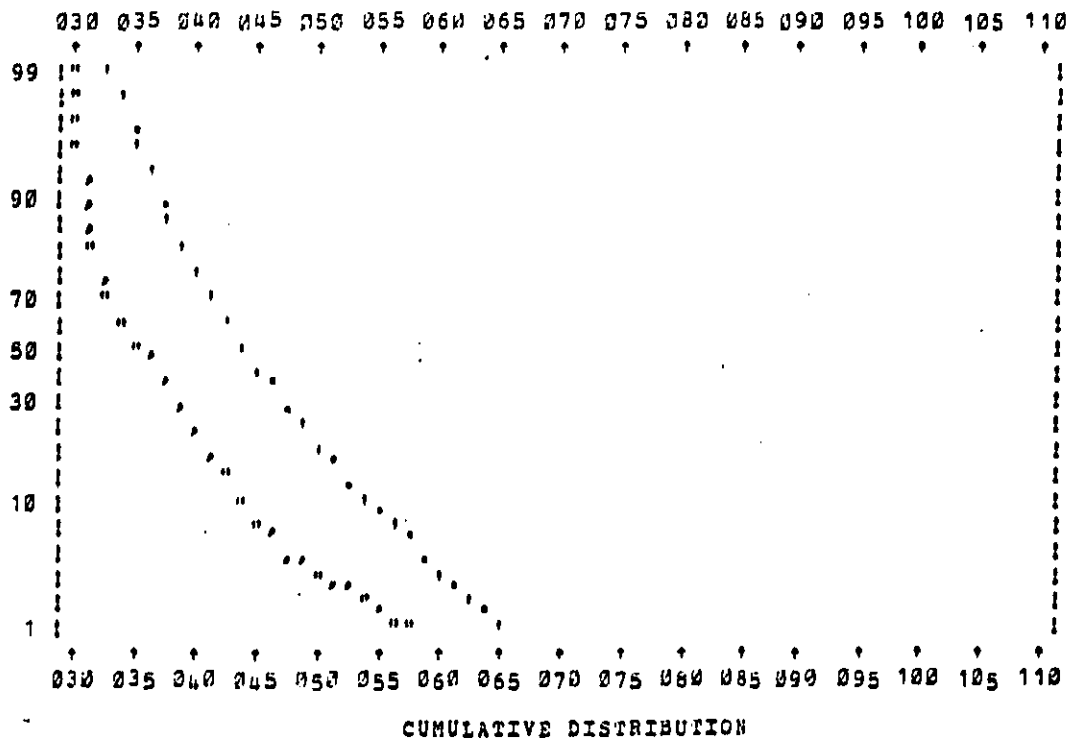
SITE # 1502

HR	MAX	MIN	NPL	SIG	LEQ	TNI	L1	L3	L5	L10	L20
1	66.3	30.0	51.6	4.1	41.2	35.2	52.6	48.2	43.9	40.7	38.7
2	70.0	30.0	56.5	5.6	44.3	40.9	57.7	53.6	47.4	40.7	37.4
3	68.8	30.0	53.9	4.3	42.9	32.3	53.4	43.6	40.7	37.9	35.4
4	56.3	30.0	39.3	2.3	33.6	18.5	39.9	37.4	36.2	34.8	33.3
5	71.3	30.0	53.1	4.1	42.5	28.5	52.4	44.0	40.4	37.4	35.1
6	71.3	32.0	57.4	4.9	45.0	37.5	50.2	50.3	43.1	40.6	38.9
7	68.8	32.5	57.6	4.1	47.1	39.6	60.2	53.5	49.2	46.2	44.9
8	86.3	35.0	77.2	7.2	58.8	69.9	72.0	63.7	59.6	53.6	47.6
9	73.8	31.3	66.6	6.9	50.9	72.7	64.3	59.3	56.1	51.2	44.6
10	48.8	31.3	46.6	3.0	38.9	34.8	47.5	45.0	43.8	41.8	39.3
11	88.8	30.0	75.6	8.4	54.1	87.0	65.5	60.5	58.0	53.8	48.6
12	87.5	31.3	78.5	8.2	57.5	92.9	69.6	65.5	63.0	59.0	53.7
13	88.8	30.0	75.2	7.6	55.8	82.0	63.0	62.4	59.8	55.4	50.4
14	83.8	32.5	73.5	6.9	55.8	77.3	68.2	62.8	60.0	56.0	51.1
15	78.8	31.3	74.2	7.5	55.1	81.3	68.4	62.6	59.6	55.9	51.1
16	78.8	32.5	66.7	6.2	50.9	64.8	62.8	58.9	56.1	51.2	46.5
17	83.8	32.5	67.0	6.1	51.3	65.2	63.3	59.3	56.6	51.6	46.6
18	83.8	35.0	64.9	4.9	52.2	56.7	62.3	58.7	56.7	52.6	48.7
19	82.5	33.8	68.8	5.2	55.5	60.2	66.3	60.8	58.4	54.6	51.0
20	82.5	35.0	60.5	5.4	54.6	68.6	65.4	61.4	59.5	57.0	54.3
21	86.3	35.0	64.4	4.3	53.3	53.0	61.7	57.6	55.6	52.8	50.5
22	70.0	33.8	62.2	4.8	49.8	52.3	62.6	57.4	54.2	50.3	47.5
23	71.3	30.0	65.1	6.0	49.8	55.6	64.0	57.9	53.6	48.1	44.7
24	72.5	30.0	64.0	6.2	48.7	54.1	62.3	56.8	53.3	46.7	42.1

HR	L30	L40	L50	L60	L70	L80	L90	L95	L97	L99
1	37.6	36.8	36.1	35.4	34.6	33.7	32.6	31.8	31.4	30.6
2	36.0	34.8	33.9	32.9	32.0	31.2	30.6	30.3	30.2	30.1
3	34.1	33.2	32.3	31.6	31.1	30.7	30.4	30.2	30.1	30.0
4	32.4	31.6	31.1	30.9	30.7	30.5	30.2	30.1	30.1	30.0
5	33.8	33.0	32.3	31.7	31.1	30.8	30.4	30.2	30.1	30.0
6	37.9	37.0	36.0	34.9	33.9	32.9	31.7	30.9	30.5	30.2
7	44.1	43.3	42.5	41.8	41.0	40.0	38.5	37.4	36.8	36.1
8	44.4	43.0	41.9	40.9	40.0	39.1	38.1	37.6	37.2	36.5
9	41.1	39.4	38.3	37.3	36.5	35.7	34.7	34.0	33.8	32.9
10	38.4	37.8	37.2	36.6	35.9	35.2	34.1	33.3	32.9	32.5
11	45.0	42.0	39.5	37.4	35.7	34.2	32.5	31.4	30.9	30.3
12	50.4	47.8	45.6	43.6	41.6	39.8	37.7	36.4	35.5	34.3
13	47.3	45.1	43.2	41.6	40.0	38.3	36.6	35.4	34.7	33.5
14	48.0	46.0	44.5	43.1	41.8	40.4	38.8	37.8	37.2	36.3
15	47.7	45.1	43.0	41.3	39.9	38.7	37.4	36.5	36.0	35.2
16	44.0	42.2	40.9	39.8	38.8	37.9	36.7	35.9	35.4	34.6
17	44.1	42.5	41.3	40.3	39.3	38.2	37.1	36.3	35.8	35.1
18	47.0	45.9	45.0	44.2	43.3	42.4	41.2	40.2	39.5	38.4
19	49.1	47.7	46.8	45.9	45.0	44.1	42.7	41.7	41.3	40.1
20	52.6	51.3	50.1	48.8	47.4	45.4	43.1	41.8	41.1	39.9
21	49.2	48.2	47.3	46.4	45.5	44.3	42.7	41.6	40.9	39.9
22	46.2	45.1	44.2	43.2	42.3	41.2	39.6	38.4	37.6	36.4
23	42.6	41.1	39.8	38.7	37.8	36.6	35.6	34.7	34.2	33.3
24	39.9	38.6	37.7	36.9	36.2	35.3	34.2	33.3	32.9	32.1

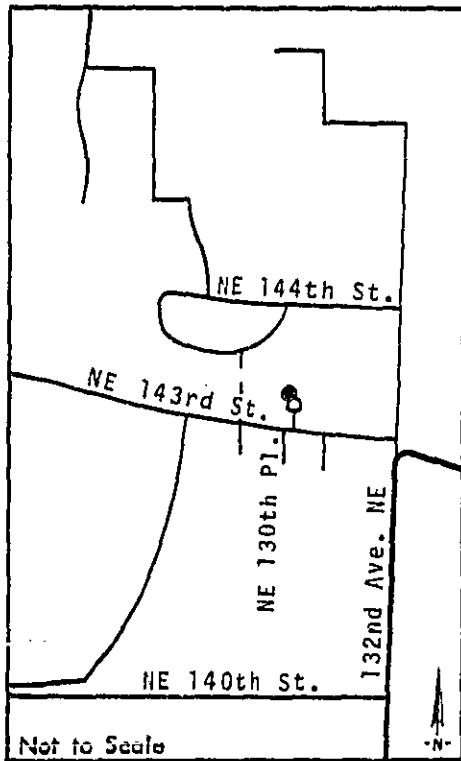
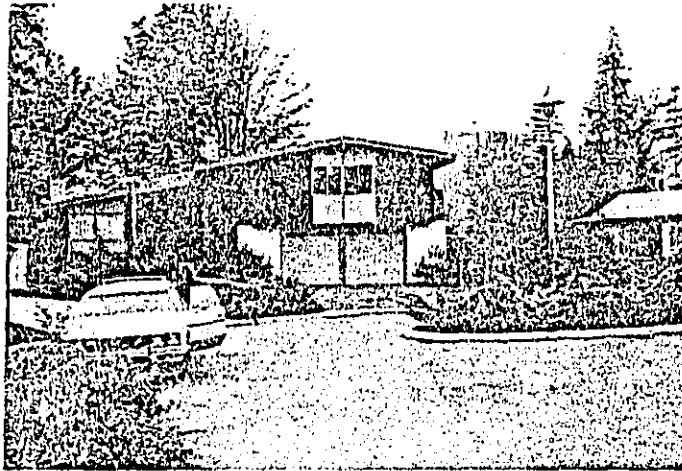
FIGURE B-104(b). HOURLY NOISE DATA FOR SEATTLE SITE 1502

SITE # 1502



	DAY	NIGHT	WEIGHTING	WEIGHTED LEQ
MAX	88.8	72.5	0.	53.0
MIN	30.0	30.0	8.	54.4
NPL	72.7	60.7	10.	55.1
SIG	7.0	5.9	12.	56.1
LEQ	54.7	45.7		
TNI	76.4	53.8		
L1	66.1	58.6		
L3	61.1	51.3		
L5	56.5	47.2		
L10	54.5	44.0		
L20	50.3	40.8		
L30	47.7	38.5		
L40	45.8	37.0		
L50	44.1	35.6		
L60	42.5	34.3		
L70	40.9	32.9		
L80	39.2	31.6		
L90	37.2	30.7		
L95	35.7	30.4		
L97	34.8	30.2		
L99	32.9	30.1		

FIGURE B-104(c). DAY/NIGHT NOISE DATA FOR SEATTLE SITE 1502



L_{DN} :	52.4	dB
ρ :	1,200	$\frac{\text{people}}{\text{sq. mi.}}$

SITE: 1503
 Address: 14315 130th Pt.
 Seattle, WA
 Microphone Height: 1.5 m.
 Distance to Curb: 6.4 m.

ROADWAY TYPE
 At Site: Local
 Vicinity: Local

TRAFFIC
 At Site: Cars
 Vicinity: Cars

OTHER NOISE SOURCES:

FIGURE B-105(a). DESCRIPTION OF SEATTLE SITE 1503

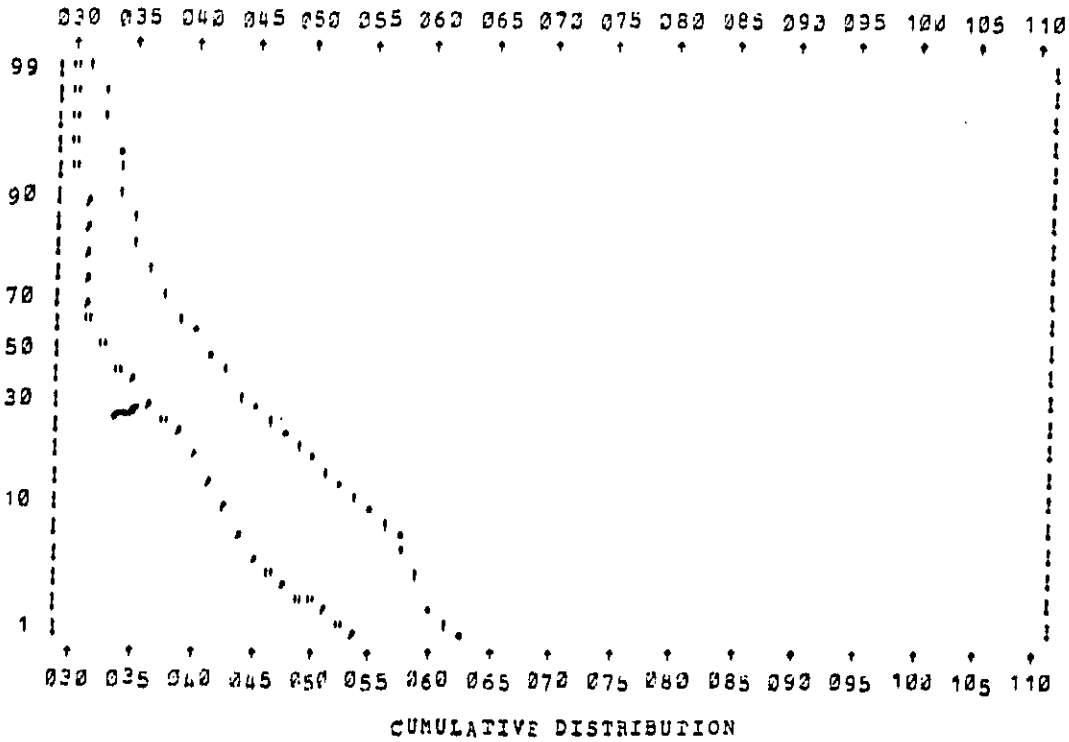
SITE # 1503

HR	MAX	MIN	NPL	SIG	L20	TNI	L1	L3	L5	L10	L20
1	56.3	30.0	45.3	3.6	36.0	27.3	47.8	43.8	40.8	37.0	34.1
2	58.8	30.0	52.1	4.8	39.9	21.5	54.2	50.0	44.2	35.5	32.0
3	60.0	30.0	46.3	3.6	37.0	18.5	50.0	42.9	39.4	34.8	31.9
4	51.3	30.0	34.2	1.1	31.3	5.0	35.7	33.6	32.7	31.4	31.1
5	56.3	30.0	45.6	3.5	36.7	30.1	47.6	42.3	40.6	37.9	35.9
6	68.8	30.0	53.9	4.1	43.3	40.9	55.6	48.4	45.6	43.4	41.7
7	63.8	33.8	51.5	3.1	43.6	33.7	53.8	48.8	46.2	44.6	43.3
8	71.3	36.3	55.9	3.7	46.4	38.1	57.3	53.3	50.7	46.6	44.0
9	80.0	31.3	60.8	5.2	47.6	53.8	57.3	54.4	52.5	47.4	43.2
10	83.8	31.3	72.4	7.2	54.1	73.3	61.3	57.5	55.6	51.4	45.9
11	72.5	31.3	61.0	10.2	54.9	102.2	63.1	60.2	59.8	59.3	58.5
12											
13											
14	(Bulldozer in operation nearby)										
15											
16											
17											
18	72.5	30.0	68.9	6.6	51.9	78.7	61.6	58.4	57.1	55.2	52.7
19	81.3	30.0	69.3	7.1	51.1	74.0	63.3	57.7	54.8	51.1	46.9
20	88.8	30.0	79.1	8.4	57.6	90.4	69.8	63.1	62.0	56.6	52.4
21	81.3	31.3	63.7	6.9	48.7	63.7	57.8	54.6	52.7	49.7	45.6
22	75.0	30.0	68.5	7.0	50.5	63.0	64.9	59.5	54.4	47.9	42.2
23	78.8	30.0	59.3	5.6	45.1	49.2	59.5	52.2	48.5	43.8	38.6
24	66.3	30.0	60.2	6.0	44.9	45.7	60.1	52.6	48.0	41.7	36.8

HR	L30	L40	L50	L60	L70	L80	L90	L95	L97	L99	
1	32.6	31.6	31.1	30.9	30.7	30.4	30.2	30.1	30.1	30.0	
2	31.2	31.0	30.8	30.7	30.5	30.3	30.2	30.1	30.0	30.0	
3	31.1	31.0	30.8	30.7	30.5	30.3	30.2	30.1	30.0	30.0	
4	31.0	30.8	30.7	30.6	30.4	30.3	30.1	30.1	30.0	30.0	
5	34.8	33.9	33.2	32.5	31.7	31.1	30.5	30.3	30.2	30.1	
6	40.7	39.9	39.1	38.3	37.5	36.1	34.3	33.2	32.7	31.8	
7	42.4	41.8	41.2	40.6	40.0	39.2	38.3	37.6	37.1	36.4	
8	43.1	42.4	42.0	41.5	41.0	40.3	39.4	38.8	38.2	37.6	
9	41.6	40.5	39.6	38.9	38.1	37.1	35.3	34.2	33.7	32.8	
10	41.7	39.2	37.6	36.5	35.7	34.9	34.0	33.4	33.0	32.6	
11	57.7	48.5	42.8	39.0	37.2	36.1	35.1	34.2	33.9	33.0	
12											
13											
14	(Bulldozer in operation nearby)										
15											
16											
17											
18	51.1	49.7	48.5	47.3	45.3	42.3	37.3	34.3	33.1	31.7	
19	44.1	41.8	39.9	38.2	36.7	35.2	33.5	32.3	31.6	30.6	
20	49.4	47.0	44.5	42.1	39.7	37.4	35.3	34.2	33.6	32.6	
21	42.8	40.8	39.3	38.0	37.0	36.0	35.0	34.2	33.9	33.0	
22	59.1	37.3	36.1	35.2	34.4	33.7	32.8	32.3	31.8	31.3	
23	36.8	35.8	34.9	34.0	33.3	32.7	31.9	31.5	31.3	30.5	
24	34.9	33.6	32.7	31.8	31.1	30.8	30.4	30.2	30.1	30.0	

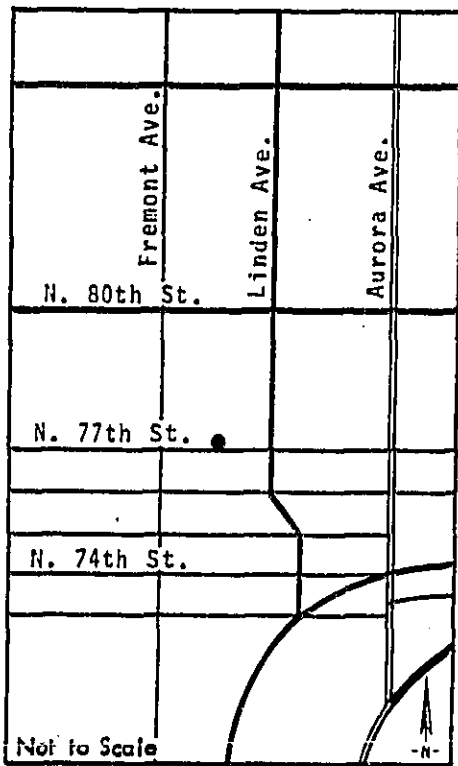
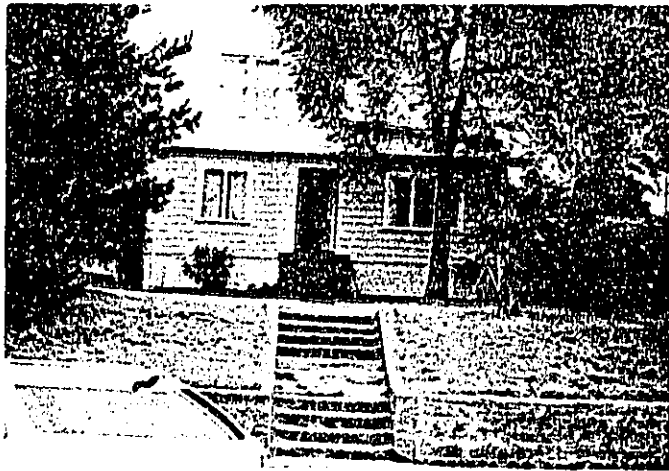
FIGURE B-105(b). HOURLY NOISE DATA FOR SEATTLE SITE 1503

SITE # 1503



	DAY "L"	NIGHT "N"	WEIGHTING	WEIGHTED LEQ
MAX	86.8	78.8	0.	50.9
MIN	30.0	30.0	8.	51.9
NPL	72.2	55.4	10.	52.4
SIG	7.6	5.4	12.	53.2
LEQ	52.8	41.7		
TNI	83.4	47.6		
L1	63.1	54.0		
L3	59.3	47.2		
L5	58.2	44.6		
L10	54.2	42.1		
L20	49.1	39.4		
L30	45.3	36.6		
L40	42.6	34.3		
L50	40.9	32.7		
L60	39.2	31.3		
L70	37.5	30.9		
L80	36.0	30.6		
L90	34.4	30.3		
L95	33.5	30.2		
L97	32.9	30.1		
L99	31.8	30.0		

FIGURE B-105(c). DAY/NIGHT NOISE DATA FOR SEATTLE SITE 1503



L_{DN} :	53.2	dB
ρ :	12,700	$\frac{\text{people}}{\text{sq. mi.}}$

SITE: 1504
 Address: 734 N. 77th.
 Seattle, WA
 Microphone Height: 1.5 m.
 Distance to Curb: 11.0 m.

ROADWAY TYPE
 At Site: Local
 Vicinity: Collector

TRAFFIC
 At Site: Cars
 Vicinity: Cars, Trucks

OTHER NOISE SOURCES:

FIGURE B-106(a). DESCRIPTION OF SEATTLE SITE 1504

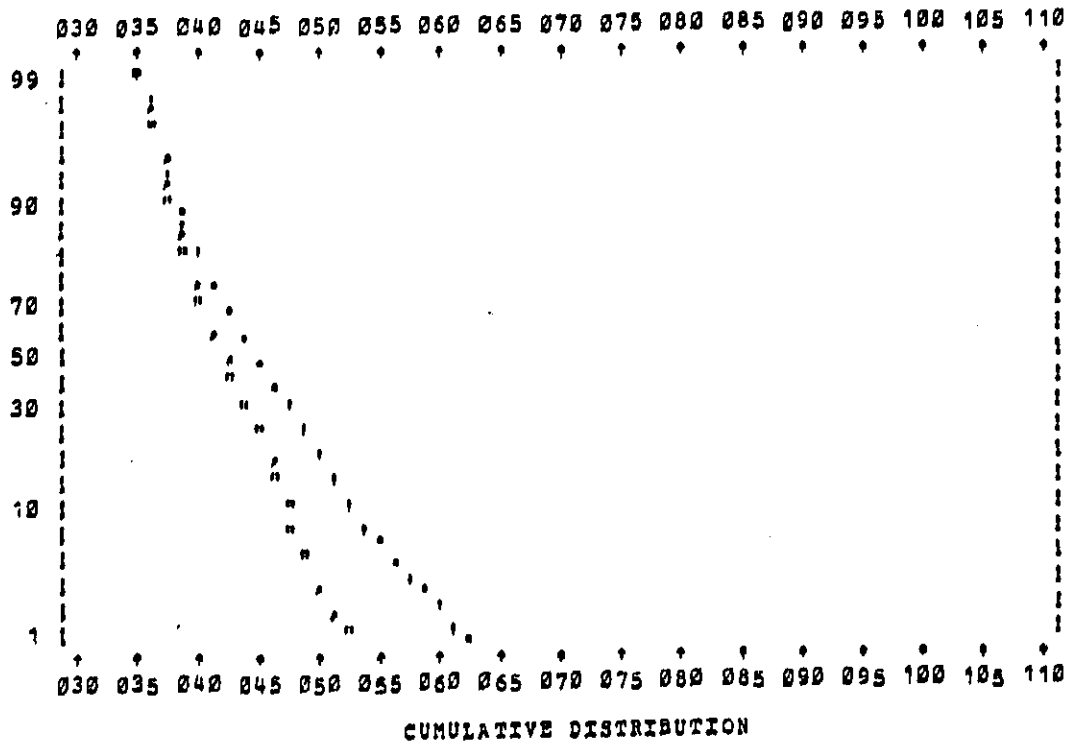
SITE # 1504

HR	MAX	MIN	NPL	SIG	LEQ	TNI	L1	L3	L5	L10	L20
1	65.0	36.3	54.2	3.4	45.5	36.4	54.9	53.5	52.2	46.8	44.3
2	57.5	35.0	46.5	2.0	41.3	28.3	47.1	45.3	44.5	43.3	42.1
3	67.5	33.8	48.5	2.6	41.8	30.1	49.4	45.5	44.4	43.2	41.9
4	55.0	32.5	49.8	3.2	41.7	38.4	49.5	47.2	46.0	44.5	42.9
5	57.5	33.8	48.1	2.7	41.1	33.6	48.7	46.2	45.0	43.5	42.0
6	57.5	33.8	51.4	3.5	42.4	42.1	50.0	47.6	46.8	45.5	44.1
7	65.0	38.0	53.9	2.4	47.8	37.3	54.3	51.0	50.1	49.4	48.6
8	66.3	40.0	57.0	3.0	49.2	42.3	58.1	54.7	52.9	51.2	49.9
9	70.8	40.0	72.2	6.1	56.6	68.2	70.0	64.6	61.7	56.7	50.4
10	81.3	32.5	67.8	6.3	51.8	68.0	63.4	56.7	53.8	51.5	47.8
11	73.8	33.8	61.1	5.2	47.9	56.9	58.9	55.1	52.9	49.4	45.9
12	76.3	33.8	69.0	6.6	52.1	78.1	63.2	61.0	59.7	55.9	50.2
13	75.0	33.8	64.2	5.6	50.0	63.7	61.3	57.7	55.3	52.0	48.6
14	75.0	36.3	66.2	5.1	53.2	63.4	64.2	60.3	58.1	55.4	53.3
15	70.0	33.8	61.1	5.0	48.4	58.7	58.4	55.0	53.5	51.1	49.4
16	71.3	37.5	58.7	3.6	49.4	46.7	58.3	54.6	53.1	51.6	50.4
17	82.5	33.8	67.2	5.9	52.1	63.7	65.4	58.7	55.6	52.2	48.1
18	73.8	33.8	59.6	4.9	47.1	58.1	57.3	54.5	53.1	50.5	47.3
19	86.3	33.8	71.7	6.5	55.1	74.9	66.2	61.3	58.9	55.9	52.1
20	81.3	33.8	74.0	7.1	55.8	83.4	67.8	63.6	61.3	58.1	54.6
21	73.8	33.8	59.2	4.7	47.2	51.2	58.1	53.7	51.6	48.6	45.5
22	85.0	38.8	60.3	3.2	52.2	39.4	56.3	53.1	51.6	49.4	47.5
23	80.0	40.0	54.6	2.5	48.1	37.0	54.7	52.1	50.9	49.4	48.1
24	70.0	37.5	53.7	3.0	46.0	38.4	54.2	50.0	49.1	47.7	46.2

HR	L30	L40	L50	L60	L70	L80	L90	L95	L97	L99
1	43.4	42.8	42.3	41.9	41.4	40.9	40.2	39.7	39.2	38.7
2	41.4	40.9	40.5	40.0	39.5	39.0	38.3	37.8	37.6	36.9
3	41.1	40.5	39.9	39.4	38.9	38.2	37.5	36.7	36.4	35.4
4	41.9	41.0	40.0	39.2	38.3	37.6	36.6	35.8	35.4	34.6
5	41.0	40.3	39.7	39.1	38.4	37.8	36.8	36.1	35.6	35.1
6	43.0	41.7	40.0	39.0	38.2	37.5	36.6	36.0	35.5	35.1
7	48.1	47.7	47.2	46.7	46.2	45.2	43.5	42.6	42.1	41.5
8	49.0	48.3	47.7	46.9	46.1	45.2	44.2	43.4	42.8	41.9
9	47.5	46.2	45.3	44.7	44.1	43.6	42.9	42.5	42.1	41.5
10	45.3	43.6	42.2	40.8	39.0	37.4	36.0	35.2	34.8	34.1
11	43.9	42.4	41.2	40.2	39.2	38.2	36.9	36.0	35.5	35.1
12	47.1	45.2	43.8	42.0	40.7	39.6	38.5	37.8	37.4	36.4
13	46.0	44.3	43.1	42.1	41.1	39.8	38.2	37.2	36.6	35.7
14	51.4	50.1	49.2	48.2	46.6	44.5	42.7	41.7	41.3	40.2
15	48.0	46.3	44.9	43.6	42.1	40.3	38.6	37.7	37.1	36.4
16	49.4	48.4	46.9	45.7	44.8	44.1	43.2	42.6	41.9	40.2
17	45.4	43.7	42.5	41.5	40.6	39.6	38.4	37.7	37.2	36.5
18	45.4	43.9	42.5	41.2	40.2	39.1	38.0	37.2	36.7	36.3
19	49.1	47.2	45.7	44.4	42.9	41.3	39.6	38.5	37.8	36.7
20	52.5	50.6	48.7	46.6	44.5	42.2	39.7	38.1	37.5	36.4
21	43.6	42.3	41.2	40.2	39.4	38.6	37.7	36.9	36.5	35.7
22	46.7	46.1	45.6	45.1	44.5	43.9	42.7	41.8	41.4	40.5
23	47.3	46.7	46.1	45.5	45.0	44.3	43.6	42.9	42.7	41.9
24	45.1	44.3	43.6	42.9	42.3	41.6	40.8	40.3	40.1	39.3

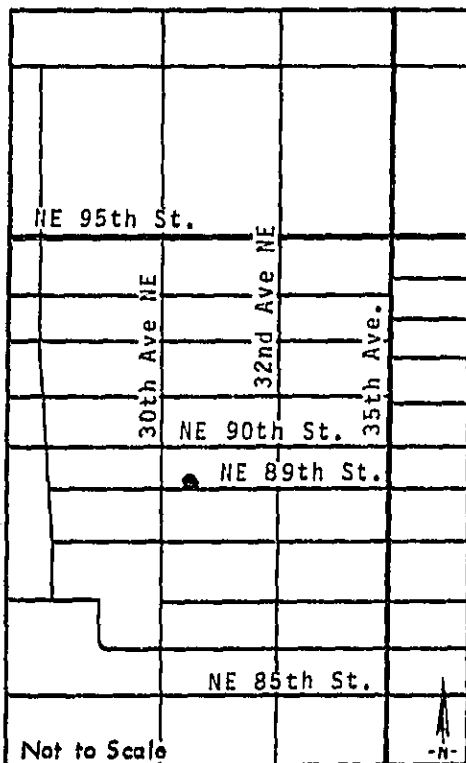
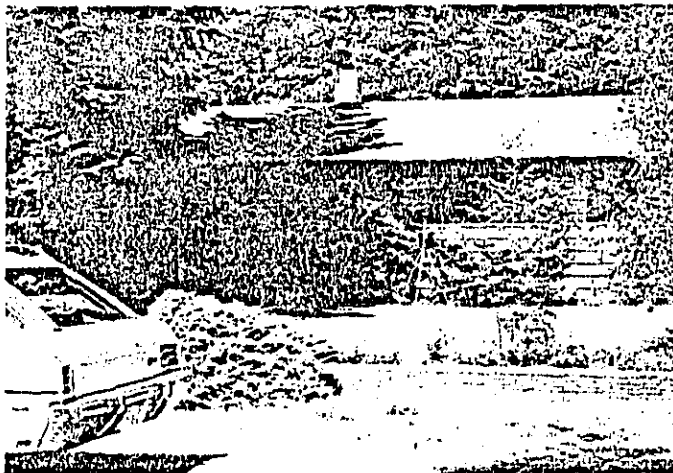
FIGURE B-106(b). HOURLY NOISE DATA FOR SEATTLE SITE 1504

SITE # 1504



	DAY ","	NIGHT "n",	WEIGHTING	WEIGHTED LEQ
MAX	86.3	80.0	0.	50.2
MIN	32.5	32.5	8.	52.2
NPL	66.5	54.7	10.	53.2
SIG	5.8	3.9	12.	54.4
LEQ	51.7	44.8		
TNI	65.9	47.4		
L1	62.5	53.2		
L3	58.3	49.9		
L5	55.9	49.0		
L10	52.9	47.7		
L20	49.8	45.9		
L30	47.9	44.4		
L40	46.2	43.1		
L50	44.8	42.1		
L60	43.5	41.1		
L70	42.0	40.2		
L80	40.4	39.1		
L90	38.6	37.8		
L95	37.5	36.9		
L97	36.7	36.4		
L99	35.6	35.4		

FIGURE B-106(c). DAY/NIGHT NOISE DATA FOR SEATTLE SITE 1504



L_{DN} :	51.0 dB
ρ :	7,300 $\frac{\text{people}}{\text{sq. mi.}}$

SITE: 1505
 Address: 3022 NE 89th
 Seattle, WA
 Microphone Height: 1.5 m.
 Distance to Curb: 6.4 m.

ROADWAY TYPE
 At Site: Local
 Vicinity: Collector

TRAFFIC
 At Site: Cars
 Vicinity: Cars

OTHER NOISE SOURCES:

FIGURE B-107(a). DESCRIPTION OF SEATTLE SITE 1505

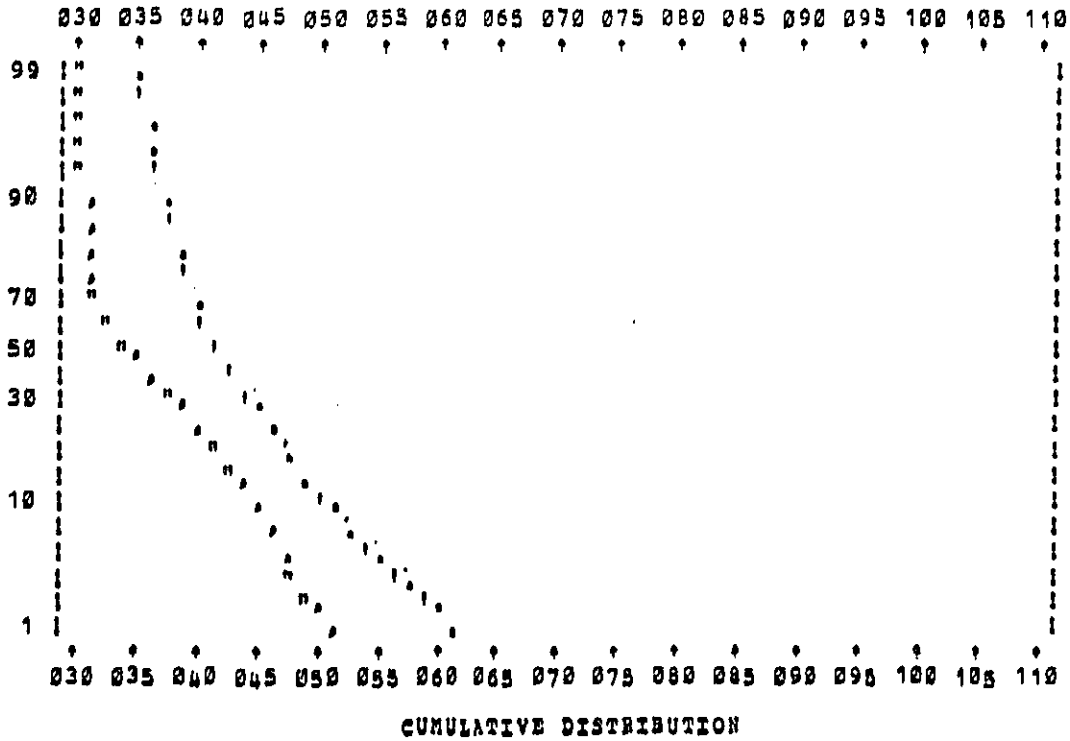
SITE # 1505

HR	MAX	MIN	NPL	SIG	LEQ	TNI	L1	L3	L5	L10	L20
1	58.8	30.0	49.9	4.1	39.5	37.0	52.4	46.3	43.6	40.7	38.0
2	63.8	30.0	42.3	2.7	35.4	23.5	42.5	39.3	38.0	36.2	34.7
3	66.3	30.0	41.3	2.2	35.6	14.2	39.9	36.8	35.4	33.7	32.3
4	48.8	30.0	37.2	1.9	32.3	16.2	39.2	36.7	35.8	34.2	32.3
5	63.8	30.0	41.0	2.2	35.3	11.2	39.4	35.7	34.5	32.9	31.4
6	57.5	30.0	51.7	4.7	39.6	47.9	49.2	45.1	43.8	42.4	40.8
7	72.5	37.5	55.0	2.9	47.4	39.1	55.4	51.7	50.5	48.9	47.7
8	73.8	38.8	63.7	4.5	52.2	56.3	63.8	60.5	58.7	54.8	50.0
9	70.0	32.5	56.5	4.4	45.3	45.6	56.2	51.8	49.4	46.3	43.2
10	77.5	32.5	70.4	7.1	52.3	73.9	65.5	60.2	57.3	52.6	47.4
11	72.5	31.3	66.3	6.5	49.6	70.1	62.2	57.4	55.0	51.5	47.4
12	76.3	32.5	64.5	5.9	49.4	65.4	59.6	56.3	54.1	50.9	46.3
13	72.5	32.5	60.7	5.2	47.5	52.8	59.6	55.6	52.2	48.1	44.7
14	60.0	37.5	54.8	3.5	45.9	45.8	53.6	51.4	50.7	49.2	47.2
15	70.0	35.0	53.2	3.0	44.1	42.0	53.2	49.9	48.5	46.4	44.1
16	77.5	35.0	63.4	5.0	50.5	53.7	60.6	56.3	53.6	49.7	45.9
17	83.8	33.8	64.7	5.4	50.9	61.4	61.6	58.1	55.9	51.8	47.8
18	73.8	36.3	63.0	5.1	49.9	57.0	61.7	56.7	54.5	51.1	47.7
19	76.3	33.8	65.6	5.8	50.7	64.3	62.2	58.0	55.6	51.8	48.0
20	86.3	33.8	65.4	5.6	51.1	59.1	63.1	58.1	54.8	50.6	46.2
21	76.3	33.8	63.5	5.5	49.6	55.1	62.8	57.4	53.9	49.3	45.8
22	86.3	33.0	64.1	4.9	51.6	49.3	59.7	55.4	52.2	48.2	45.4
23	68.0	32.5	54.4	3.9	44.3	40.7	55.9	51.1	48.4	45.3	42.9
24	83.8	31.3	54.8	3.8	45.1	36.3	52.8	46.3	44.6	42.2	39.7

HR	L30	L40	L50	L60	L70	L80	L90	L95	L97	L99
1	36.3	35.3	34.6	34.0	33.4	32.8	32.0	31.5	31.3	30.4
2	33.6	33.0	32.3	31.9	31.4	31.0	30.5	30.2	30.1	30.0
3	31.4	31.1	30.9	30.7	30.5	30.4	30.2	30.1	30.1	30.0
4	31.3	31.1	30.9	30.7	30.5	30.4	30.2	30.1	30.1	30.0
5	31.1	31.0	30.8	30.6	30.5	30.3	30.2	30.1	30.0	30.0
6	39.6	38.7	37.5	35.4	32.6	31.2	30.6	30.3	30.2	30.1
7	46.9	46.2	45.6	45.0	44.3	43.4	42.2	41.4	40.8	40.1
8	48.4	47.7	47.2	46.7	46.3	45.5	44.2	42.8	41.9	40.9
9	41.4	40.4	39.6	39.0	38.3	37.6	36.6	35.5	34.8	34.0
10	44.0	41.6	40.0	38.7	37.8	36.8	35.5	34.8	34.3	33.9
11	44.4	42.1	40.3	38.9	37.6	36.5	35.3	34.5	34.1	33.5
12	43.5	41.5	40.1	39.1	38.1	37.1	36.0	35.4	35.2	34.5
13	42.8	41.1	40.0	39.2	38.5	37.7	36.6	35.7	35.3	34.4
14	45.7	44.6	43.5	42.0	41.8	41.1	40.4	39.9	39.4	38.8
15	42.6	41.6	40.8	40.1	39.4	38.7	37.8	37.2	36.8	36.4
16	44.1	43.0	42.1	41.2	40.5	39.6	38.4	37.6	37.1	36.4
17	46.3	45.1	43.8	42.6	41.4	40.2	38.6	37.7	37.2	36.4
18	45.6	44.0	42.8	41.8	40.9	40.1	39.2	38.7	38.2	37.7
19	45.7	44.0	42.6	41.4	40.2	38.9	37.6	36.7	36.3	35.5
20	44.2	42.8	41.7	40.7	39.8	38.9	37.8	37.0	36.6	36.0
21	43.0	42.3	41.2	40.3	39.4	38.4	37.4	36.5	36.1	35.3
22	43.3	41.8	40.8	40.0	39.3	38.6	37.9	37.5	37.0	36.5
23	41.6	40.7	39.9	39.2	38.6	37.8	36.9	36.3	35.8	35.1
24	38.3	37.4	36.7	36.1	35.6	35.0	34.2	33.8	33.3	32.7

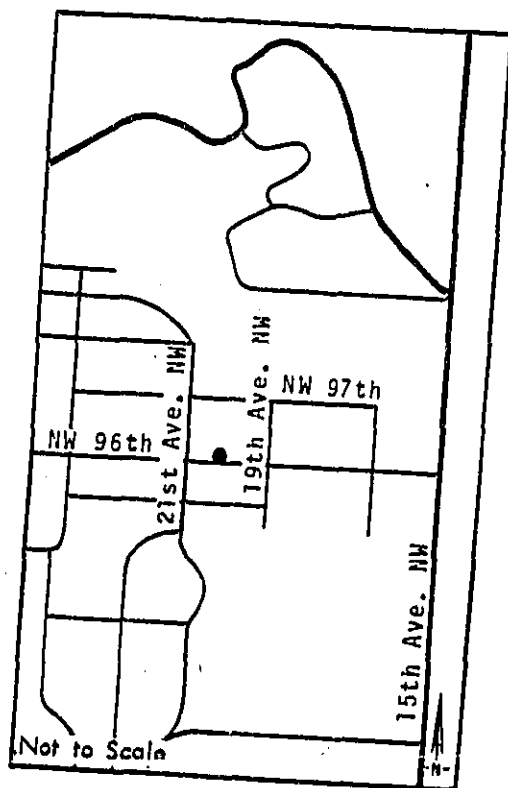
FIGURE B-107(b). HOURLY NOISE DATA FOR SEATTLE SITE 1505

SITE # 1505



	DAY "D"	NIGHT "N"	WEIGHTING	WEIGHTED LEO
MAX	66.3	83.8	0.	48.5
MIN	31.3	30.0	8.	50.1
NPL	64.7	56.6	10.	51.0
STO	5.7	5.7	12.	52.0
LEO	50.1	42.1		
THI	59.9	57.6		
L1	61.7	51.7		
L3	57.2	46.2		
L5	54.4	46.9		
L10	50.4	44.7		
L20	47.0	40.9		
L30	44.9	38.4		
L40	43.1	36.2		
L50	41.7	34.4		
L60	40.5	32.6		
L70	39.5	31.3		
L80	38.5	30.8		
L90	37.2	30.4		
L95	36.3	30.2		
L97	35.6	30.1		
L99	34.5	30.0		

FIGURE B-107(c). DAY/NIGHT NOISE DATA FOR SEATTLE SITE 1505



L_{DN} : 54.7 dB
 ρ : 5,500 $\frac{\text{people}}{\text{sq. mi.}}$

SITE: 1506
 Address: 1928 NW 97th St.
 Seattle, WA
 Microphone Height: 1.5 m.
 Distance to Curb: 11.9 m.

ROADWAY TYPE
 At Site: Local
 Vicinity: Collector

TRAFFIC
 At Site: Cars
 Vicinity: Cars

OTHER NOISE SOURCES:

FIGURE B-108(a). DESCRIPTION OF SEATTLE SITE 1506

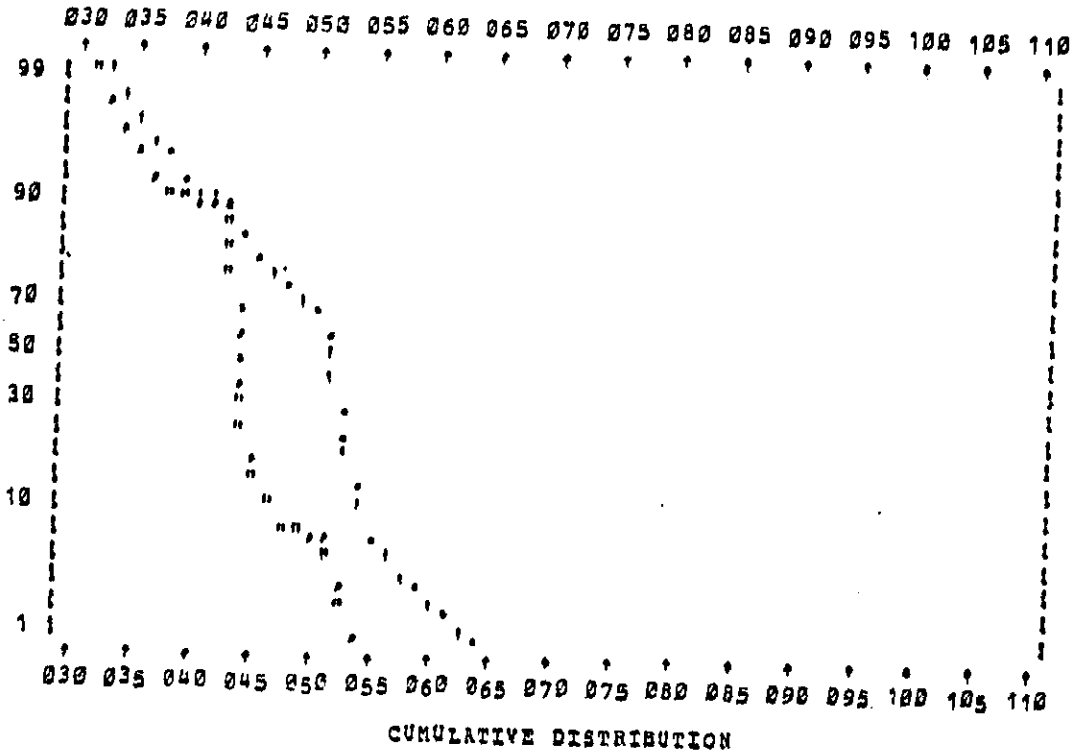
SITE # 1506

HR	MAX	MIN	NPL	SIG	LEQ	TNI	L1	L3	L5	L10	L20
1	57.5	41.3	49.4	1.8	44.8	25.8	52.0	49.9	48.5	46.0	44.9
2	56.3	40.0	46.4	1.0	43.8	21.3	48.0	46.1	45.4	44.8	44.4
3	70.0	41.3	47.8	1.2	44.7	21.1	47.5	45.9	45.0	44.8	44.4
4	46.3	41.3	44.5	0.4	43.3	18.7	44.9	44.8	44.6	44.2	43.7
5	50.0	41.3	45.3	0.7	43.5	20.4	46.1	45.2	44.9	44.6	44.0
6	75.0	30.0	57.4	5.5	43.4	52.6	52.8	48.4	45.2	44.4	43.6
7	76.3	30.0	72.2	8.7	50.1	81.3	56.1	53.7	53.6	53.2	52.4
8	73.8	50.0	59.4	2.1	54.1	30.3	65.5	57.0	54.7	53.7	53.3
9	70.0	48.8	54.5	0.9	52.2	30.0	55.0	54.1	53.7	53.3	52.5
10	71.3	48.8	55.8	1.3	52.5	29.7	57.1	53.8	53.6	53.1	52.5
11	83.8	50.0	61.0	2.4	54.8	34.9	65.1	59.5	57.2	54.8	53.5
12	88.8	50.0	68.8	3.9	58.9	47.0	71.3	64.9	62.0	57.7	54.6
13	81.3	48.8	62.2	2.7	55.2	38.8	66.2	59.6	57.5	55.2	53.4
14	78.8	48.8	60.9	2.6	54.3	40.5	63.8	60.4	58.5	55.9	53.6
15	72.5	48.8	58.6	2.0	53.3	36.1	60.0	57.3	56.0	54.3	53.1
16	66.3	30.0	61.6	5.8	46.7	62.4	58.5	54.1	52.3	48.9	44.5
17											
18	78.8	30.0	72.6	7.5	53.5	77.7	66.6	60.2	55.8	52.2	48.9
19	78.8	30.0	75.9	8.5	54.1	94.7	66.7	62.8	60.4	56.5	51.9
20	77.5	40.0	61.4	3.7	51.9	49.6	60.5	57.0	55.5	53.2	51.2
21	82.5	40.0	64.6	4.2	53.8	47.8	64.3	58.1	55.6	52.5	50.1
22	76.3	41.3	57.1	3.1	49.2	36.1	58.4	52.9	50.7	48.6	46.9
23	66.3	41.3	52.1	2.4	45.9	31.3	54.9	51.2	49.6	47.4	45.8
24	75.0	41.3	52.4	2.3	46.6	28.8	54.5	50.0	48.5	46.8	45.1

HR	L30	L40	L50	L60	L70	L80	L90	L95	L97	L99
1	44.5	44.2	43.9	43.6	43.3	43.0	42.8	42.6	42.6	42.5
2	43.9	43.6	43.4	43.2	43.1	42.9	42.7	42.6	42.5	42.3
3	44.1	43.7	43.5	43.3	43.1	42.9	42.7	42.6	42.6	42.5
4	43.5	43.4	43.2	43.1	42.9	42.8	42.6	42.6	42.5	42.5
5	43.7	43.5	43.3	43.2	43.0	42.8	42.7	42.6	42.5	42.5
6	43.3	43.0	42.7	39.2	35.4	33.4	31.6	30.8	30.5	30.2
7	51.9	51.5	39.4	36.6	35.6	34.8	33.8	32.9	32.5	31.6
8	52.9	52.6	52.3	52.1	51.9	51.7	51.5	51.3	51.3	51.3
9	52.3	52.1	52.0	51.8	51.6	51.4	51.1	50.5	50.3	50.1
10	52.3	52.1	51.9	51.7	51.6	51.4	50.9	50.5	50.3	50.1
11	53.1	52.7	52.4	52.1	51.9	51.6	51.4	51.3	51.0	50.3
12	53.4	52.8	52.4	52.1	51.9	51.6	51.3	50.9	50.5	50.2
13	52.5	52.3	52.0	51.8	51.6	51.3	50.7	50.4	50.2	50.1
14	53.0	52.5	52.2	51.9	51.7	51.4	50.8	50.4	50.2	50.1
15	52.4	52.1	51.9	51.6	51.3	50.9	50.4	50.2	50.1	50.0
16	42.3	40.7	39.3	38.1	37.0	35.9	34.4	33.3	32.6	31.4
17										
18	47.0	45.0	43.4	41.5	39.2	36.5	33.8	32.3	31.6	30.6
19	50.2	49.2	45.4	42.5	39.7	37.0	33.8	32.4	31.7	30.8
20	50.3	49.5	48.9	48.2	47.5	46.4	44.4	43.1	42.5	41.7
21	48.7	47.5	46.7	46.0	45.4	44.7	44.0	43.4	43.0	42.5
22	45.9	45.1	44.6	44.2	43.8	43.3	42.8	42.6	42.4	41.6
23	44.9	44.5	44.1	43.7	43.4	43.1	42.8	42.6	42.5	42.0
24	44.7	44.3	44.0	43.6	43.4	43.1	42.8	42.6	42.6	42.5

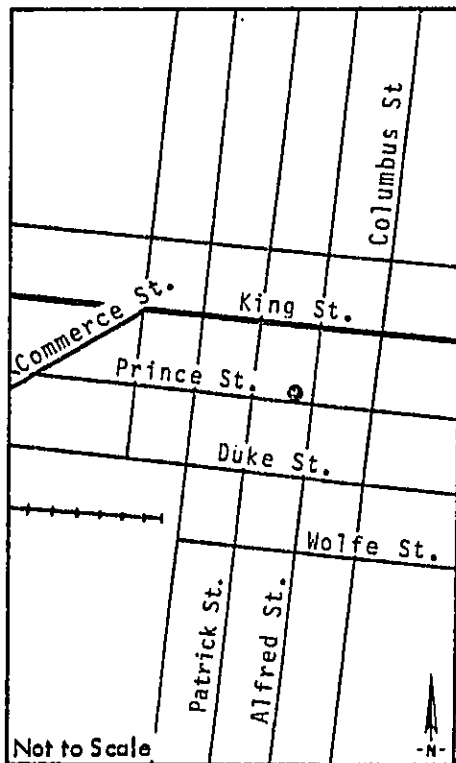
FIGURE B-108(b). HOURLY NOISE DATA FOR SEATTLE SITE 1506

SITE # 1506



	DAY "L"	NIGHT "N"	WEIGHTING	WEIGHTED L2Q
MAX	88.8	76.3		
MIN	30.0	30.0	0.	52.3
NPL	59.1	55.8	8.	53.9
STQ	5.9	3.9	10.	54.7
L2Q	54.0	45.7	12.	55.8
TNI	61.2	38.0		
L1	64.4	53.5		
L3	38.7	52.3		
L5	56.3	51.6		
L10	53.8	46.4		
L20	52.8	44.7		
L30	52.2	44.2		
L40	51.9	43.7		
L50	51.5	43.5		
L60	50.7	43.2		
L70	48.2	43.0		
L80	44.9	42.7		
L90	41.4	39.3		
L95	36.9	34.6		
L97	35.0	33.3		
L99	32.5	31.4		

FIGURE B-108(c). DAY/NIGHT NOISE DATA FOR SEATTLE SITE 1506



L_{DN} :	73.6 dB
ρ :	8,800 $\frac{\text{people}}{\text{sq.mi.}}$

SITE: 0101
 Address: 905 Prince
 Alexandria, VA
 Microphone Height: 4.6 m.
 Distance to Curb: 2.4 m.

ROADWAY TYPE
 At Site: Collector
 Vicinity: Arterial

TRAFFIC
 At Site: Cars, Trucks
 Vicinity: Cars, Trucks

OTHER NOISE SOURCES:

FIGURE B-109 (a). DESCRIPTION OF WASHINGTON, D. C., SITE 0101

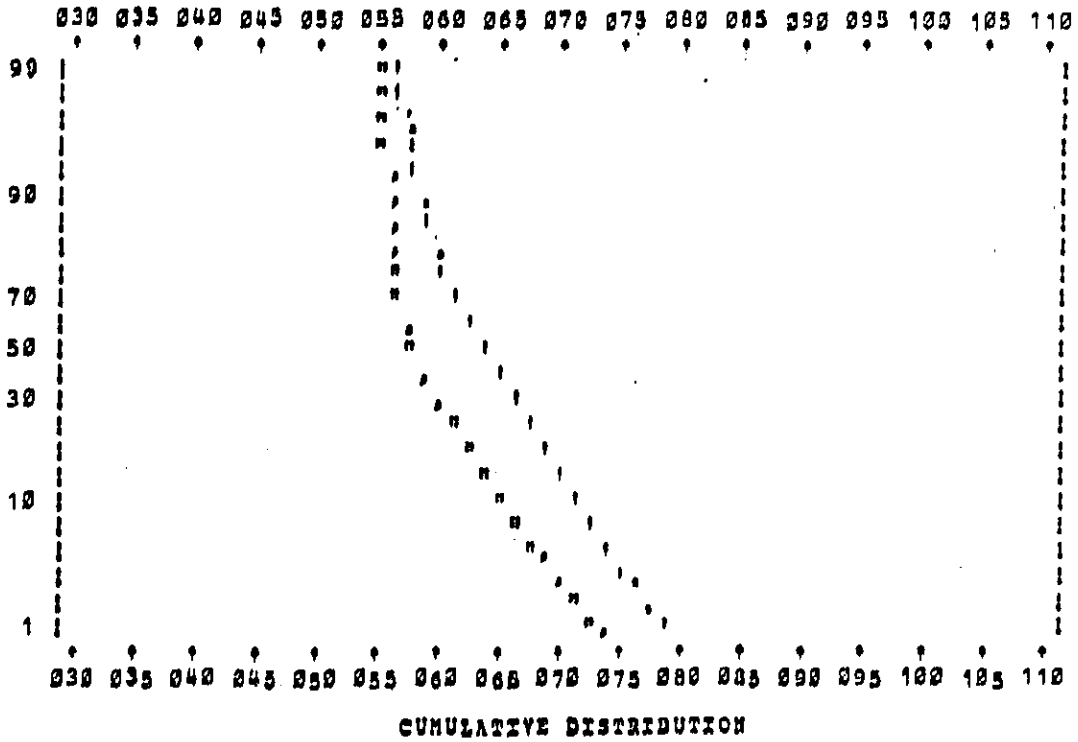
SITE # 101

HR	MAX	MIN	NPL	STD	L50	TMC	L1	L3	L5	L10	L20
1	97.5	53.0	77.9	4.1	67.5	80.4	75.5	69.6	67.1	64.2	61.6
2	90.0	53.0	72.5	3.7	63.0	86.3	73.3	67.7	65.8	63.2	60.5
3	83.0	53.0	68.4	3.2	60.2	83.0	70.2	66.6	64.8	62.2	59.4
4	82.5	53.0	65.0	2.4	59.9	89.8	67.4	63.2	61.2	58.8	57.4
5	84.3	53.0	65.2	2.4	59.1	86.2	69.1	63.0	60.9	58.5	57.4
6	88.8	53.0	70.3	3.4	61.7	84.0	71.2	67.4	65.5	62.9	60.2
7	91.3	53.0	79.0	4.9	67.2	76.4	77.5	73.6	72.0	69.3	66.3
8	87.5	56.3	82.2	4.7	70.1	78.7	79.6	76.8	75.3	73.3	71.1
9	92.5	55.0	82.4	4.7	70.4	78.9	79.0	76.7	75.2	73.3	71.0
10	107.5	53.0	89.9	5.4	76.1	79.2	83.2	75.8	74.0	71.8	69.6
11	91.3	53.0	80.8	4.8	68.4	76.4	79.4	74.6	72.9	70.7	68.2
12	110.0	53.0	88.0	5.3	74.5	79.9	80.1	78.2	73.5	71.3	68.8
13	87.5	53.0	79.1	4.6	67.2	74.9	77.1	73.6	72.1	70.0	67.7
14	88.0	53.0	80.8	5.0	68.1	77.4	79.3	75.3	73.1	70.4	67.9
15	90.0	53.0	80.2	5.0	67.5	78.8	77.3	74.3	72.0	70.5	67.8
16	110.0	30.0	90.9	5.6	76.5	81.6	82.9	77.4	75.1	72.1	69.5
17	96.3	53.0	81.2	4.8	68.8	79.2	77.4	75.4	74.0	72.1	69.9
18	98.8	53.0	86.1	5.7	71.5	80.7	81.2	78.1	76.6	74.2	71.3
19	100.0	53.0	87.7	6.0	72.2	89.6	81.0	77.3	75.8	73.5	70.7
20	83.8	53.0	75.3	4.1	64.9	68.7	74.3	71.4	69.0	67.8	65.6
21	107.5	53.0	87.3	4.8	75.1	67.8	80.6	71.6	69.8	67.4	64.7
22	93.8	53.0	76.7	4.1	66.3	66.0	76.2	71.7	69.9	67.5	64.9
23	105.0	55.0	81.4	4.3	70.5	69.4	78.1	71.5	70.3	68.2	65.8
24	86.3	53.0	74.5	4.1	64.1	64.1	74.7	70.4	68.6	66.8	62.3

HR	L30	L40	L50	L60	L70	L80	L90	L95	L97	L99
1	60.2	59.3	58.5	57.8	57.2	56.7	56.2	55.6	55.3	55.1
2	58.9	57.8	57.2	56.9	56.5	56.1	55.5	55.3	55.1	55.0
3	57.8	57.2	56.7	56.3	55.9	55.6	55.3	55.1	55.1	54.6
4	57.0	56.6	56.2	56.0	55.7	55.5	55.2	55.1	55.1	55.0
5	57.1	56.6	56.5	56.2	55.9	55.6	55.3	55.1	55.1	55.0
6	58.5	57.7	57.2	56.9	56.6	56.3	55.7	55.3	55.2	55.1
7	64.6	63.4	62.2	61.0	59.5	58.1	56.9	56.4	55.9	55.3
8	69.4	67.8	66.4	65.2	64.0	62.9	61.4	60.2	59.5	58.2
9	69.4	67.9	66.5	65.3	64.2	63.0	61.5	60.2	59.5	58.3
10	67.7	66.0	64.6	63.3	62.1	60.9	59.4	58.2	57.6	56.5
11	68.4	64.9	63.6	62.5	61.4	60.2	58.8	57.8	57.2	56.4
12	67.1	65.6	64.0	62.6	61.3	60.0	58.4	57.6	57.1	56.4
13	65.9	64.4	63.1	61.9	60.8	59.7	58.4	57.5	56.9	56.2
14	66.1	64.5	63.1	61.9	60.8	59.6	58.1	57.2	56.7	56.0
15	65.9	64.3	63.0	61.7	60.5	59.2	57.7	56.8	56.4	55.5
16	67.7	66.2	64.8	63.3	62.1	60.7	58.9	57.8	57.3	56.4
17	68.3	66.8	65.4	64.0	62.7	61.4	59.7	58.3	57.5	56.3
18	69.3	67.6	66.0	64.5	62.9	61.3	59.4	58.2	57.6	56.6
19	68.6	66.6	64.8	63.0	61.5	59.9	58.1	56.9	56.3	55.3
20	64.0	62.7	61.7	60.7	59.8	58.7	57.6	56.7	56.3	55.3
21	63.1	61.9	60.9	60.0	59.2	58.3	57.3	56.6	56.4	55.6
22	63.4	62.2	61.3	60.6	59.9	59.0	58.0	57.5	56.9	56.4
23	64.3	63.1	62.0	61.0	60.1	59.0	57.9	57.2	56.8	56.4
24	61.7	60.4	59.5	58.7	58.0	57.3	56.6	56.2	55.8	55.3

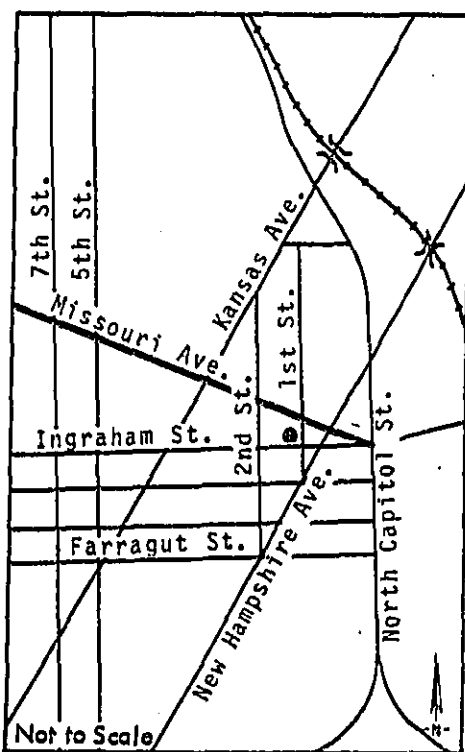
FIGURE B-109(b). HOURLY NOISE DATA FOR WASHINGTON, D.C., SITE 0101

SITE # 101



	DAY	NIGHT	WEIGHTING	WEIGHTED LEQ
MAX	110.0	105.0	0.	70.6
MIN	30.0	53.0	0.	72.0
MFL	85.6	76.2	10.	73.0
SIG	5.3	4.2	12.	74.8
LEQ	72.1	65.3		
TH1	81.2	63.0		
L1	79.7	73.8		
L3	75.8	69.8		
L5	74.0	67.9		
L10	71.7	65.2		
L20	69.0	62.3		
L30	67.1	60.3		
L40	65.4	58.8		
L50	64.0	57.7		
L60	62.6	57.1		
L70	61.4	56.7		
L80	60.1	56.2		
L90	58.6	55.6		
L95	57.6	55.3		
L97	56.9	55.2		
L99	56.2	55.0		

FIGURE B-109(c). DAY/NIGHT NOISE DATA FOR WASHINGTON, D.C.,
SITE 0101



L_{DN} : 63.0 dB
 ρ : 22,000 $\frac{\text{people}}{\text{sq. mi.}}$

SITE: 0102
 Address: 101 Ingraham NW
 Washington, D.C.
 Microphone Height: 5.5 m.
 Distance to Curb: 3.7 m.

ROADWAY TYPE
 At Site: Local
 Vicinity: Arterial

TRAFFIC
 At Site: Cars
 Vicinity: Cars, Trucks

OTHER NOISE SOURCES:

FIGURE B-110(a). DESCRIPTION OF WASHINGTON, D.C., SITE 0102

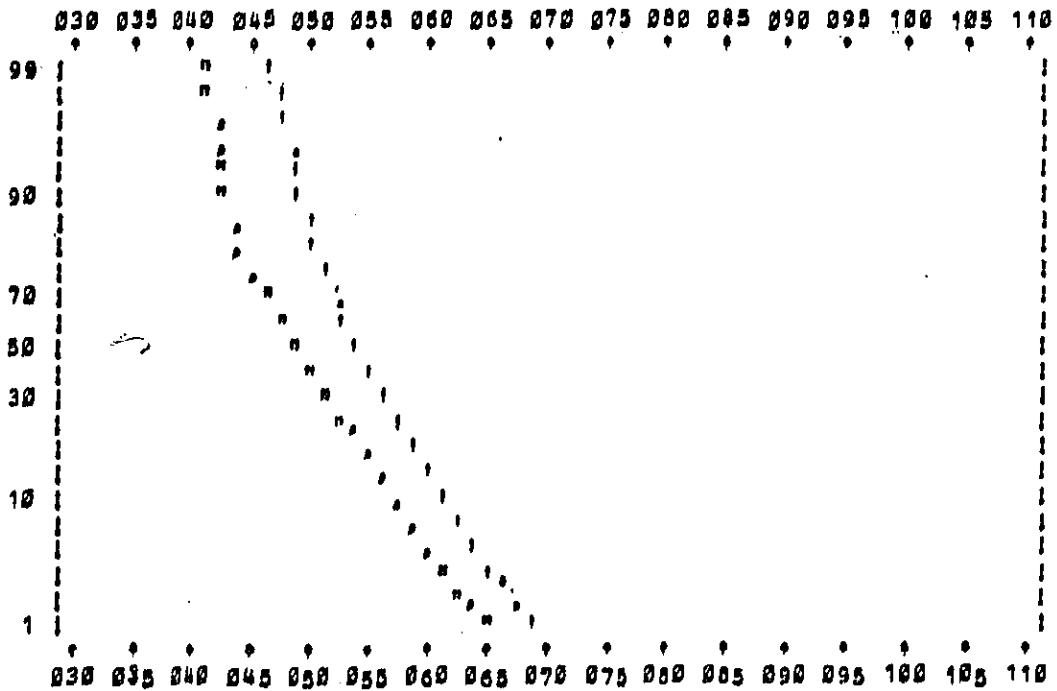
SITE # 102

HR	MAX	MIN	NPL	SIG	L20	TNI	L1	L3	L5	L10	L20
1	85.0	41.3	65.1	4.2	54.4	46.8	61.4	56.8	53.8	51.2	48.6
2	75.5	40.0	54.8	3.8	47.1	35.5	56.7	52.6	50.8	48.1	45.4
3	73.8	40.0	60.2	4.1	49.0	44.5	61.7	56.3	53.4	50.0	46.1
4	72.5	40.0	61.9	4.2	51.1	50.4	62.4	57.3	54.8	52.2	49.8
5	88.8	46.3	69.8	4.2	59.8	57.5	67.2	62.7	60.8	58.5	56.3
6	87.5	46.3	69.7	4.3	58.7	64.5	69.1	65.2	63.6	61.5	58.9
7	83.8	45.0	71.2	4.6	59.4	63.9	70.2	65.6	63.4	60.7	57.9
8	83.8	45.0	75.1	5.4	61.3	71.1	71.6	67.1	65.0	61.9	58.7
9	78.8	43.8	71.3	5.0	58.5	66.4	70.4	66.2	63.6	60.3	57.3
10	73.8	45.0	67.5	4.3	56.4	62.0	66.6	63.8	62.0	59.4	56.6
11	82.5	43.8	69.5	4.6	57.7	63.1	68.4	64.4	62.3	59.5	56.4
12	80.0	43.8	69.2	4.7	57.1	67.1	66.9	63.7	62.2	60.4	57.4
13	81.3	45.0	70.1	4.7	58.0	64.8	68.7	65.7	63.5	60.4	57.2
14	96.3	46.3	76.0	4.9	63.5	66.7	69.9	65.9	64.0	61.3	58.3
15	90.0	45.0	74.2	5.0	61.3	70.5	70.2	66.3	64.7	62.3	59.3
16	83.8	47.5	72.4	4.6	60.7	68.4	70.8	67.0	65.7	63.5	61.0
17	85.0	47.5	71.8	4.3	59.9	65.4	69.6	66.4	65.0	62.8	60.3
18	90.0	47.5	73.1	4.3	62.0	62.7	71.0	66.6	64.9	62.5	60.2
19	91.3	47.5	72.1	4.4	60.8	66.4	70.7	67.6	66.0	63.5	60.6
20	78.8	47.5	68.3	3.9	53.3	59.6	68.1	65.0	63.5	61.1	58.6
21	73.8	47.5	68.8	4.3	57.7	61.1	68.4	65.7	63.5	60.5	57.7
22	75.0	45.0	62.0	3.1	54.1	46.8	63.4	60.1	58.6	56.1	53.8
23	75.0	45.0	61.2	3.1	53.2	44.8	62.6	59.2	57.4	54.8	52.8
24	83.8	45.0	68.9	3.8	53.2	40.2	61.1	57.4	55.2	52.6	50.8

HR	L30	L40	L50	L60	L70	L80	L90	L95	L97	L99
1	47.1	45.7	44.7	44.1	43.6	43.2	42.7	42.5	42.1	41.5
2	44.5	43.9	43.5	43.3	43.0	42.7	42.3	41.8	41.6	41.3
3	44.6	43.8	43.4	43.1	42.8	42.4	41.8	41.5	41.4	41.3
4	48.7	48.0	46.9	45.3	44.2	43.5	42.8	42.5	42.0	41.5
5	54.6	53.5	52.5	51.5	50.6	49.7	48.9	48.2	47.9	47.6
6	57.3	56.1	55.0	54.1	53.1	51.9	50.5	49.5	49.1	48.3
7	56.3	55.3	54.3	53.4	52.3	51.1	49.7	48.8	48.2	47.6
8	56.7	55.0	53.7	52.6	51.5	50.3	48.9	47.9	47.5	46.6
9	55.4	54.0	52.9	51.8	50.8	49.6	48.3	47.4	46.8	46.3
10	55.0	53.9	52.9	51.9	51.0	49.9	48.5	47.7	47.2	46.5
11	54.6	53.3	52.3	51.4	50.5	49.5	48.3	47.6	47.1	46.4
12	53.3	53.8	52.6	51.5	50.5	49.3	48.1	47.3	46.8	46.1
13	53.2	53.9	52.9	51.9	51.0	50.1	49.0	48.1	47.7	46.9
14	56.5	55.1	54.0	53.0	52.0	50.9	49.5	48.8	48.2	47.6
15	57.5	56.1	54.9	53.7	52.5	51.3	49.6	48.5	48.0	47.2
16	59.3	58.0	56.8	55.6	54.5	53.3	51.9	50.8	50.3	49.3
17	58.7	57.3	56.2	55.3	54.4	53.3	52.0	51.0	50.4	49.4
18	58.7	57.5	56.5	55.6	54.8	53.9	52.5	51.4	50.7	49.8
19	58.8	57.5	56.5	55.7	54.8	53.8	52.5	51.5	51.0	50.1
20	57.0	55.9	54.9	54.2	53.4	52.6	51.6	50.8	50.4	49.9
21	55.9	54.3	53.3	52.4	51.7	51.0	50.3	49.7	49.3	48.9
22	52.8	52.1	51.4	50.9	50.4	49.8	49.2	48.8	48.4	47.8
23	51.7	50.9	50.2	49.7	49.3	48.8	48.1	47.7	47.5	46.7
24	49.8	49.2	48.6	48.2	47.8	47.3	46.7	46.4	46.3	45.8

FIGURE B-110(b). HOURLY NOISE DATA FOR WASHINGTON, D. C., SITE 0102

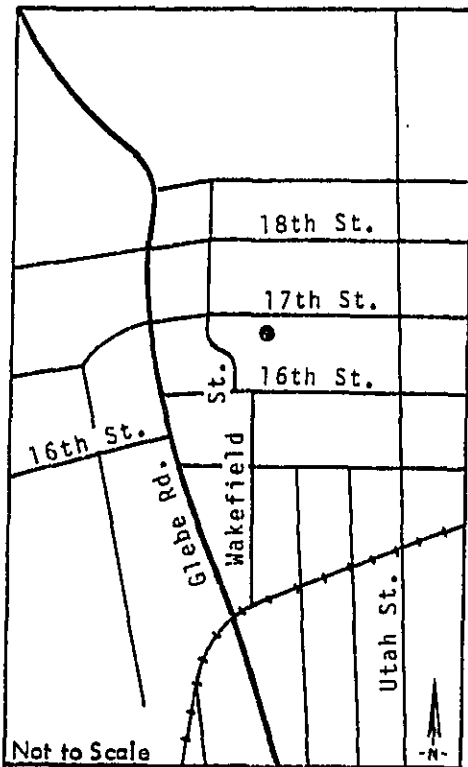
SITE # 102



CUMULATIVE DISTRIBUTION

	DAY "d"	NIGHT "n"	WEIGHTING	WEIGHTED L ₅₀
MAX	96.3	88.8	0.	58.7
MIN	43.8	40.0	8.	61.7
MFL	72.3	70.1	10.	63.0
STO	4.8	5.6	12.	64.5
L ₅₀	59.9	55.7		
TH ₂	67.5	69.8		
L ₁	69.3	68.7		
L ₃	65.8	61.7		
L ₅	64.1	59.8		
L ₁₀	61.5	57.1		
L ₂₀	58.7	54.2		
L ₃₀	56.8	52.1		
L ₄₀	55.4	50.4		
L ₅₀	54.3	49.2		
L ₆₀	53.2	48.0		
L ₇₀	52.1	46.0		
L ₈₀	50.9	43.8		
L ₉₀	49.5	42.9		
L ₉₅	48.5	42.5		
L ₉₇	47.8	42.0		
L ₉₉	46.8	41.5		

FIGURE B-110(c). DAY/NIGHT NOISE DATA FOR WASHINGTON, D.C., SITE 0102



L_{DN} :	62.4 dB
ρ :	7,200 $\frac{\text{people}}{\text{sq. mi.}}$

SITE: 0103
 Address: 4444 N. 17th
 Arlington, VA
 Microphone Height: 1.5 m.
 Distance to Curb: 9.1 m.

ROADWAY TYPE
 At Site: Local
 Vicinity: Arterial

TRAFFIC
 At Site: Cars
 Vicinity: Cars, Trucks

OTHER NOISE SOURCES:

FIGURE B-III(a). DESCRIPTION OF WASHINGTON, D.C., SITE 0103

DRAWN BY: J. W. B. 10/15/77

SITE # 103

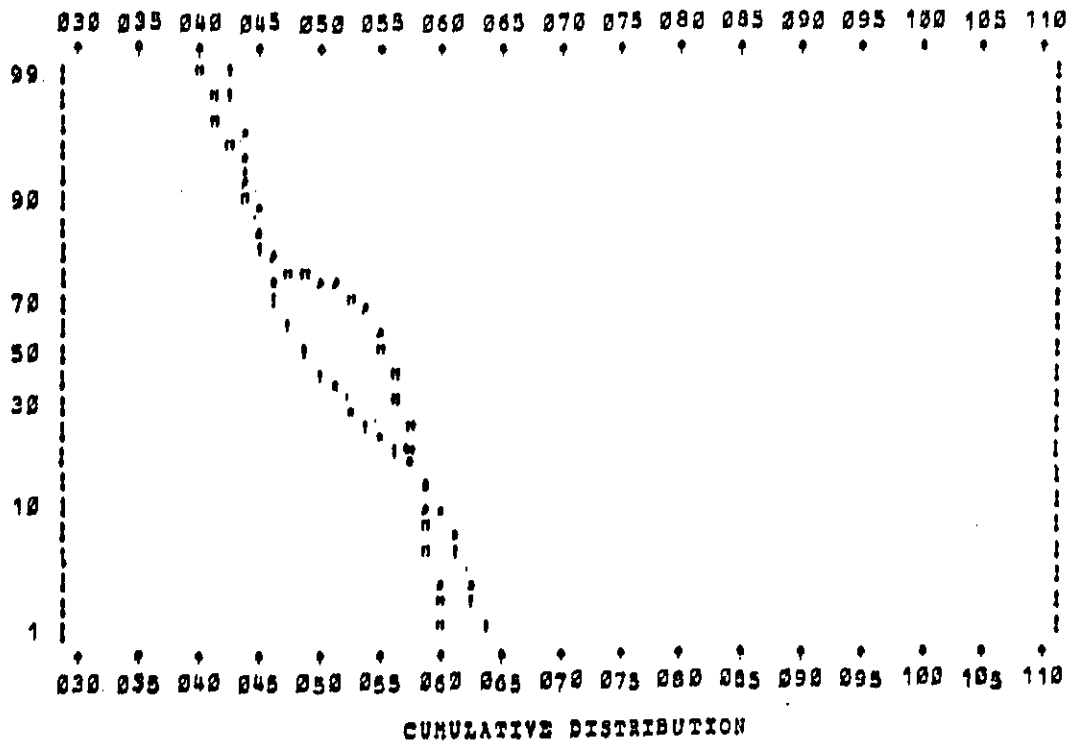
HR	MAX	MIN	NPL	SIG	LEO	TNT	L1	L3	L5	L10	L20
1	70.0	50.0	61.2	1.6	57.1	39.7	62.0	59.0	59.2	58.5	57.9
2	71.3	51.3	61.5	1.5	57.5	39.6	62.3	60.0	59.6	58.9	58.4
3	70.0	48.8	61.2	1.7	56.8	42.1	59.9	59.4	58.9	58.5	58.0
4	62.5	48.8	58.1	1.2	55.1	35.1	57.8	57.3	57.0	56.3	55.9
5	67.5	38.8	63.6	4.6	51.8	59.5	57.3	56.6	56.0	55.2	53.9
6	67.5	37.5	52.6	2.7	48.8	37.1	52.3	49.7	48.7	47.7	46.6
7	72.5	38.8	59.2	3.9	49.2	47.4	59.7	56.2	54.0	50.8	48.3
8	77.5	41.3	68.3	3.7	50.9	43.5	61.6	56.2	53.8	50.9	48.7
9											
10	78.8	40.0	70.2	5.4	56.3	72.9	66.1	63.7	62.4	60.1	56.9
11	81.3	40.0	69.6	5.7	55.0	72.4	65.5	62.4	60.9	58.3	55.3
12	76.3	40.0	66.8	5.2	53.5	67.9	63.4	60.8	59.3	57.2	54.3
13	77.5	40.0	68.4	5.3	54.7	68.3	65.1	62.1	60.2	57.7	54.5
14	77.5	40.0	68.1	5.1	55.2	68.6	66.1	62.1	60.1	57.4	54.5
15	76.3	40.0	69.5	5.8	54.8	73.5	65.0	62.7	61.2	58.6	55.3
16	85.0	41.3	67.5	5.2	54.2	65.6	65.3	61.2	59.3	56.6	53.1
17	88.8	41.3	67.4	4.9	54.8	59.9	65.7	61.9	59.5	55.6	51.4
18	78.8	41.3	62.4	4.8	52.2	50.5	63.1	59.4	56.9	53.6	51.0
19	85.0	42.5	64.6	4.2	53.9	51.9	63.1	59.8	56.9	53.8	50.8
20	85.0	41.3	68.2	4.6	56.3	54.7	67.0	60.6	58.6	55.1	51.3
21	88.0	42.5	70.6	5.4	56.0	73.8	63.5	62.3	62.0	61.1	59.6
22	72.5	53.8	64.9	1.7	60.4	46.1	63.7	63.4	63.0	62.4	61.8
23	73.8	51.3	63.6	1.8	58.9	41.6	65.8	61.5	61.0	60.2	59.6
24	68.8	51.3	61.2	1.2	58.1	39.2	60.9	60.0	59.9	59.6	59.0

HR	L30	L40	L50	L60	L70	L80	L90	L95	L97	L99
1	57.4	57.0	56.6	56.3	55.8	55.4	54.8	54.2	53.9	53.2
2	57.9	57.5	57.1	56.8	56.5	56.0	55.3	54.9	54.4	53.8
3	57.5	57.1	56.6	56.2	55.5	54.8	54.0	53.4	52.9	52.4
4	55.6	55.3	54.9	54.6	54.3	54.0	53.4	52.8	52.6	51.9
5	53.1	52.3	51.9	48.9	45.6	44.8	43.8	42.8	42.4	40.7
6	45.8	45.2	44.6	44.1	43.4	42.6	41.3	40.4	39.9	39.1
7	46.9	45.9	45.2	44.5	43.8	43.0	42.0	41.4	41.0	40.3
8	47.7	46.8	46.1	45.4	44.7	44.1	43.3	42.8	42.6	42.1
9										
10	54.6	52.9	51.3	49.9	48.5	47.3	45.9	45.0	44.3	43.4
11	53.1	51.0	49.3	47.7	46.3	45.0	43.5	42.7	42.3	41.5
12	52.2	50.3	48.9	47.6	46.3	44.9	43.6	42.9	42.6	41.7
13	52.2	50.4	48.9	47.7	46.6	45.5	44.1	43.1	42.7	41.8
14	52.5	51.0	49.7	48.4	47.3	46.4	45.0	44.0	43.5	42.7
15	52.8	50.8	49.0	47.3	45.9	44.7	43.6	42.9	42.6	41.8
16	58.9	49.3	48.1	46.9	45.8	44.6	43.5	42.9	42.7	42.0
17	49.5	48.2	47.3	46.5	45.7	45.0	44.2	43.8	43.3	42.7
18	49.7	48.7	47.9	47.2	46.4	45.5	44.6	44.1	43.8	43.1
19	49.2	48.1	47.2	46.5	45.8	45.2	44.5	44.0	43.8	43.2
20	49.5	48.3	47.5	47.0	46.5	45.9	45.2	44.7	44.3	43.8
21	56.7	53.5	51.5	50.4	49.3	48.3	47.8	46.1	45.4	44.5
22	61.2	60.5	59.9	59.4	59.0	58.4	57.8	56.1	55.2	54.2
23	59.2	58.8	58.4	58.0	57.7	57.1	56.4	55.6	55.2	54.4
24	58.5	58.3	58.0	57.7	57.5	56.8	56.4	55.7	55.4	55.0

FIGURE B-III(b). HOURLY NOISE DATA FOR WASHINGTON, D.C., SITE 0103

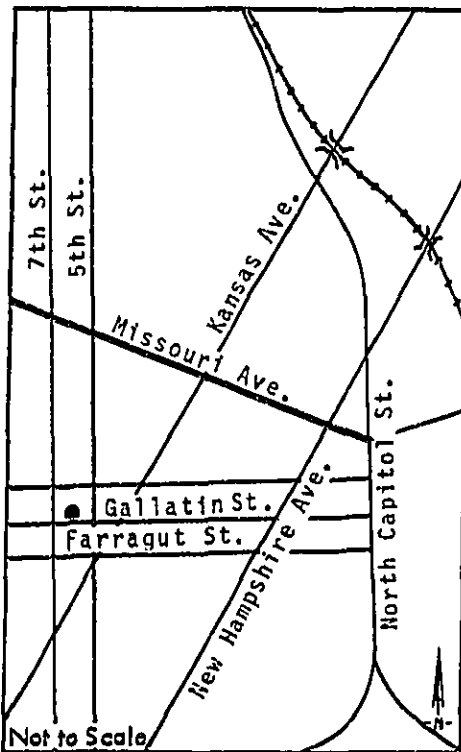
DCST AVIATION ABLE CORV

SITE # 103



	DAY "L"	NIGHT "N"	WEIGHTING	WEIGHTED LEQ
MAX	88.8	73.8	0.	55.6
MIN	40.0	37.5	8.	60.7
NPL	70.4	70.4	10.	62.4
SIG	5.8	5.8	12.	64.1
LSQ	55.7	56.0		
TMI	75.7	72.7		
L1	64.7	61.1		
L3	62.4	59.9		
L5	61.6	59.6		
L10	59.7	58.7		
L20	56.2	58.0		
L30	52.9	57.3		
L40	50.7	56.6		
L50	49.1	55.7		
L60	47.9	54.7		
L70	46.8	52.9		
L80	45.7	48.4		
L90	44.4	44.1		
L95	43.6	42.8		
L97	43.1	42.0		
L99	42.5	40.6		

FIGURE B-III(c). DAY/NIGHT NOISE DATA FOR WASHINGTON, D.C.,
SITE 0103



L_{DN} :	64.1 dB
ρ :	26,000 $\frac{\text{people}}{\text{sq. mi.}}$

SITE: 0104
 Address: 635 Gallatin NW
 Washington, D.C.
 Microphone Height: 6.1 m.
 Distance to Curb: 9.1 m.

ROADWAY TYPE

At Site: Collector
 Vicinity: Arterial

TRAFFIC

At Site: Cars, Buses
 Vicinity: Cars, Trucks, Buses

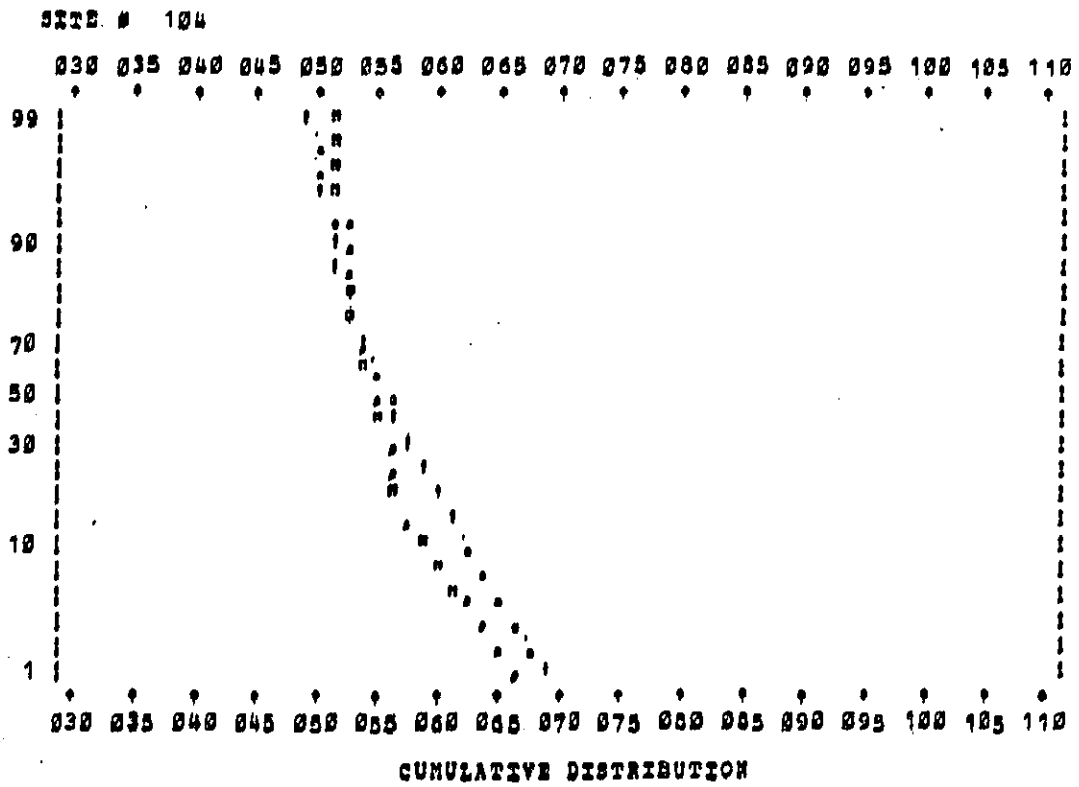
OTHER NOISE SOURCES:

FIGURE B-112(a). DESCRIPTION OF WASHINGTON, D.C., SITE 0104

SITE # 104											
HR	MAX	MIN	NPL	SIG	L20	TNT	L1	L3	L5	L10	L20
1	73.8	50.0	62.0	2.8	55.7	44.6	64.7	62.2	60.8	57.5	55.2
2	70.0	52.5	59.9	1.4	56.4	34.2	62.1	59.7	58.6	57.3	56.6
3	80.0	53.0	59.1	1.1	56.3	33.2	61.0	58.1	57.4	57.2	56.6
4	65.0	50.0	58.6	1.8	54.0	39.2	57.4	56.3	56.2	55.9	55.5
5	66.3	50.0	55.3	1.1	52.5	29.4	57.4	54.6	53.7	53.4	52.7
6	72.5	50.0	58.8	1.7	54.4	32.2	61.5	57.9	56.2	54.9	54.5
7	87.5	52.5	65.9	2.9	58.4	48.0	66.5	63.8	62.2	59.9	57.5
8	88.8	51.3	75.5	4.5	63.9	64.9	76.9	69.1	68.8	64.6	62.2
9	80.0	51.3	72.1	4.0	61.9	63.2	73.0	68.6	67.0	64.6	61.9
10											
11	77.5	46.3	68.4	4.3	57.4	62.3	67.6	64.8	63.2	60.4	57.2
12	77.5	46.3	70.2	4.6	58.3	66.3	68.6	65.4	63.8	61.4	58.2
13	83.8	46.3	69.3	4.3	58.3	62.4	67.4	64.2	62.5	60.4	57.7
14	90.0	46.3	72.0	4.4	60.7	62.8	69.6	66.1	64.5	61.8	58.6
15	77.5	48.8	67.9	3.9	57.8	60.0	67.4	64.7	63.3	61.0	57.8
16	81.3	46.3	70.1	4.5	58.8	65.1	68.5	65.0	63.5	61.3	58.5
17	83.8	47.5	71.3	4.2	60.4	64.9	70.2	66.9	65.4	63.3	60.9
18	87.5	48.8	72.8	4.2	62.1	63.9	71.7	67.0	65.6	63.6	61.6
19	85.0	51.3	70.1	3.5	61.0	67.6	69.7	65.7	64.4	62.7	60.8
20	88.8	48.8	68.1	3.4	59.3	66.6	67.3	64.5	63.3	61.6	59.6
21	87.5	50.0	69.4	3.6	60.1	59.0	68.6	65.7	64.3	62.5	60.5
22	85.0	50.0	72.3	4.4	61.0	63.1	72.2	67.9	66.1	62.9	60.3
23	78.8	51.3	72.3	4.2	61.5	67.9	69.7	68.3	67.2	65.1	63.0
24	73.8	51.3	65.0	3.0	57.3	51.6	66.0	63.8	62.4	60.1	57.4

HR	L30	L40	L50	L60	L70	L80	L90	L95	L97	L99
1	54.1	53.6	53.3	53.0	52.7	52.4	51.8	51.5	51.4	51.3
2	56.1	56.0	55.8	55.6	55.4	55.2	55.1	54.6	54.3	53.9
3	56.2	56.0	55.8	55.7	55.5	55.3	55.1	55.1	55.0	54.5
4	55.0	54.2	53.2	52.4	52.1	51.8	51.5	51.4	51.3	51.3
5	52.4	52.2	52.1	51.9	51.7	51.6	51.4	51.3	51.3	50.9
6	54.1	53.7	53.5	53.2	53.0	52.8	52.5	51.9	51.7	51.4
7	56.1	55.5	55.0	54.7	54.4	54.1	53.9	53.6	53.1	52.7
8	60.4	58.9	57.8	56.8	56.0	55.3	54.5	54.0	53.8	53.0
9	60.4	59.3	58.3	57.4	56.7	55.9	55.0	54.2	53.9	53.0
10										
11	55.0	53.9	53.0	52.3	51.6	50.8	49.8	49.1	48.8	48.1
12	56.1	54.6	53.4	52.4	51.5	50.7	49.8	49.2	48.9	48.2
13	55.7	54.4	53.4	52.5	51.7	50.8	49.8	49.1	48.8	47.9
14	56.6	55.2	54.3	53.5	52.9	52.2	51.4	50.6	50.2	49.1
15	55.9	54.7	53.8	53.1	52.5	51.8	51.3	50.7	50.4	50.1
16	56.5	54.9	53.7	52.7	51.8	50.9	50.1	49.3	49.0	48.7
17	59.2	57.8	56.7	55.7	54.8	53.9	52.8	51.9	51.5	50.5
18	60.1	58.8	57.7	56.7	55.7	54.7	53.6	52.7	52.2	51.4
19	59.4	58.3	57.4	56.7	56.0	55.3	54.5	53.9	53.6	52.8
20	58.3	57.2	56.3	55.6	54.9	54.2	53.2	52.6	52.1	51.4
21	59.1	57.9	57.0	56.2	55.4	54.6	53.7	52.9	52.6	51.7
22	58.4	57.0	55.9	55.0	54.3	53.5	52.8	52.3	51.8	51.4
23	61.2	59.7	58.4	57.2	56.2	55.2	54.2	53.6	53.2	52.7
24	56.1	55.4	54.8	54.4	54.0	53.5	53.0	52.7	52.6	52.5

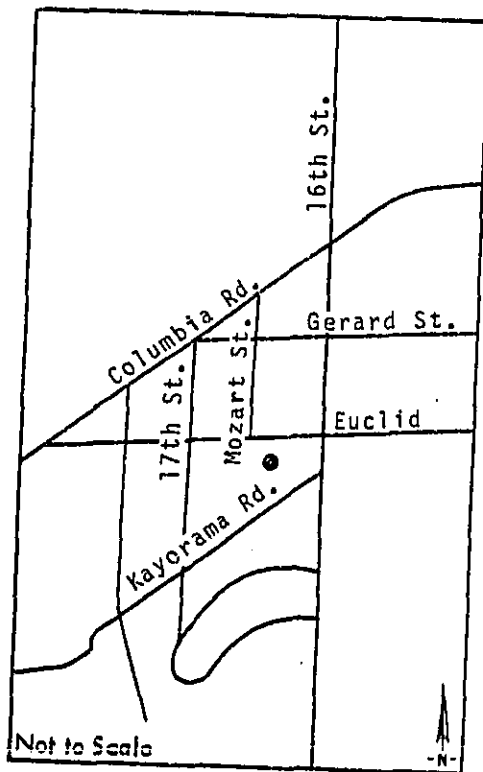
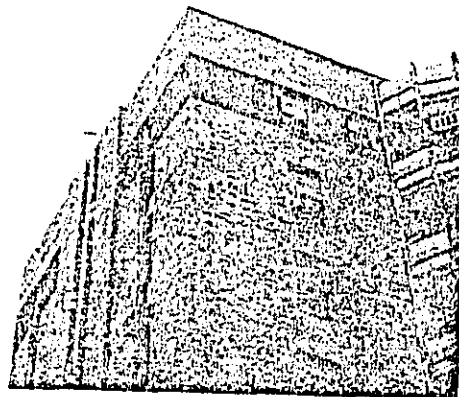
FIGURE B-112(b). HOURLY NOISE DATA FOR WASHINGTON, D. C., SITE 0104



	DAY "d"	NIGHT "n"	WEIGHTING	WEIGHTED LEO
MAX	90.0	87.8	0.	89.4
MIN	46.3	50.0	0.	42.8
MPL	71.9	65.0	10.	64.1
SIG	4.5	3.1	12.	65.7
LEQ	60.4	57.1		
TH1	65.4	49.8		
L1	69.8	66.8		
L3	66.1	63.5		
L5	64.6	61.8		
L10	62.4	58.9		
L20	60.0	56.6		
L30	58.3	55.9		
L40	56.9	55.4		
L50	55.8	54.8		
L60	54.8	54.1		
L70	53.9	53.4		
L80	52.8	52.7		
L90	51.8	52.0		
L95	50.4	51.6		
L97	49.0	51.5		
L99	48.0	51.3		

FIGURE B-112(c). DAY/NIGHT NOISE DATA FOR WASHINGTON, D.C., SITE 0104

DIRECTOR, FEDERAL BUREAU OF INVESTIGATION



L_{DN} :	67.2 dB
ρ :	37,000 $\frac{\text{people}}{\text{sq. mi.}}$

SITE: 0105
 Address: 2480 16th NW
 Washington, D.C.
 Microphone Height: 30.0 m.
 Distance to Curb: 4.6 m.

ROADWAY TYPE
 At Site: Collector
 Vicinity: Arterial

TRAFFIC
 At Site: Cars, Trucks
 Vicinity: Cars, Trucks

OTHER NOISE SOURCES:

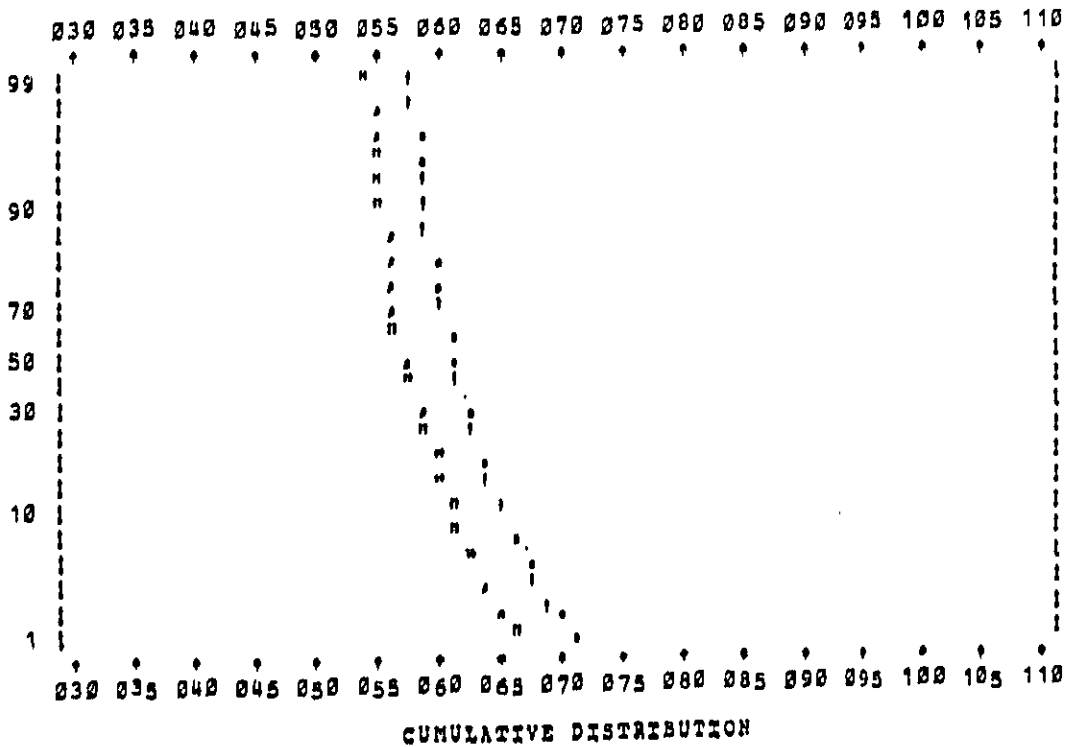
FIGURE B-113(a). DESCRIPTION OF WASHINGTON, D.C., SITE 0105

SITE # 105												
HR	MAX	MIN	NPL	SIG	LEQ	TNI	L1	L3	L5	L10	L20	
1	73.8	55.0	64.2	2.0	59.2	44.6	65.9	63.6	62.5	61.1	59.7	
2	82.5	53.8	65.9	2.4	59.8	46.0	66.7	63.1	62.2	61.1	60.2	
3	71.3	53.8	60.1	1.4	56.5	35.2	62.3	59.9	58.7	57.6	56.8	
4	66.3	53.8	58.8	1.0	56.1	33.3	60.5	58.7	57.8	57.1	56.3	
5	73.8	53.0	59.0	1.1	56.1	32.0	61.0	58.7	57.6	57.0	56.2	
6	68.8	53.8	61.1	1.6	56.9	39.3	62.3	60.4	59.6	58.6	57.8	
7	87.5	55.0	68.8	2.7	61.9	50.9	69.6	66.2	64.9	63.3	61.8	
8	83.8	56.3	69.5	2.4	63.4	52.1	70.0	67.8	66.9	65.4	63.9	
9	86.3	57.5	73.7	3.3	65.2	62.2	73.6	70.5	69.3	68.0	66.5	
10	82.5	56.3	71.1	2.8	63.9	54.3	72.8	69.9	67.9	65.7	63.9	
11	80.0	56.3	69.9	2.8	62.8	52.8	72.2	68.1	66.3	64.6	62.8	
12	80.0	56.3	69.2	2.6	62.6	52.9	70.4	68.0	66.6	64.9	63.1	
13	77.5	56.3	69.0	2.5	62.5	52.1	70.3	67.3	66.1	64.6	63.1	
14	82.5	56.3	70.2	2.7	63.2	54.1	70.7	67.9	66.8	65.3	63.7	
15	88.8	56.3	72.4	3.2	64.2	57.4	73.6	70.2	68.5	66.1	63.7	
16	83.8	56.3	69.3	2.6	62.6	51.8	70.8	66.9	65.7	64.2	62.7	
17	92.5	56.3	72.3	2.9	64.8	53.8	72.3	68.7	67.2	65.3	63.6	
18	83.8	56.3	69.7	2.5	63.3	53.2	70.9	68.2	67.0	65.5	63.9	
19	81.3	56.3	68.0	2.2	62.3	49.7	69.4	66.6	65.6	64.2	62.9	
20	80.0	56.3	66.8	2.0	61.6	47.6	67.4	65.5	64.6	63.5	62.3	
21	83.8	56.3	66.8	2.1	61.5	47.1	67.8	65.4	64.4	63.2	62.0	
22	90.0	56.3	69.6	2.6	62.8	50.9	70.3	67.2	65.9	64.2	62.6	
23	81.3	55.0	67.7	2.4	61.5	49.8	69.2	65.9	64.7	63.4	62.0	
24	96.3	55.0	72.2	3.0	64.5	47.4	72.6	66.3	64.4	62.4	61.0	

HR	130	140	150	160	170	180	190	195	197	199
1	58.9	58.5	58.1	57.7	57.4	57.0	56.6	56.4	56.3	55.6
2	59.3	58.6	58.0	57.5	57.0	56.6	56.2	55.6	55.3	55.1
3	56.2	56.0	55.8	55.6	55.4	55.2	55.1	54.6	54.3	53.9
4	56.1	55.9	55.8	55.6	55.4	55.2	55.1	54.9	54.5	54.0
5	56.0	55.9	55.7	55.5	55.4	55.2	55.0	54.5	54.2	53.9
6	57.1	56.3	56.0	55.8	55.5	55.3	55.1	54.6	54.3	53.9
7	60.8	60.0	59.5	59.0	58.5	58.0	57.4	56.8	56.6	56.3
8	63.2	62.5	62.0	61.6	61.1	60.5	59.9	59.2	59.0	58.6
9	65.1	63.7	62.6	61.9	61.2	60.6	59.9	59.3	59.0	58.6
10	62.9	62.2	61.7	61.2	60.7	60.2	59.5	59.1	58.9	58.2
11	61.9	61.1	60.6	60.1	59.7	59.2	58.6	58.0	57.7	57.5
12	62.1	61.4	60.9	60.5	60.0	59.4	58.8	58.1	57.8	57.5
13	62.2	61.5	60.9	60.4	59.9	59.4	58.8	58.2	57.9	57.6
14	62.7	62.0	61.3	60.7	60.2	59.6	59.0	58.6	58.1	57.7
15	62.6	61.8	61.1	60.6	60.1	59.5	59.0	58.5	58.1	57.7
16	61.9	61.1	60.6	60.1	59.6	59.1	58.4	57.9	57.7	57.3
17	62.5	61.9	61.3	60.8	60.4	59.9	59.2	58.8	58.5	57.8
18	63.0	62.2	61.7	61.2	60.7	60.3	59.6	59.1	58.9	58.2
19	62.1	61.5	61.0	60.6	60.1	59.6	59.1	58.8	58.5	57.8
20	61.7	61.1	60.6	60.2	59.8	59.3	58.8	58.1	57.9	57.6
21	61.2	60.8	60.3	59.9	59.5	59.1	58.6	58.0	57.8	57.6
22	61.7	61.0	60.5	60.0	59.6	59.1	58.6	58.0	57.8	57.5
23	61.1	60.6	60.1	59.6	59.1	58.6	57.9	57.5	57.0	56.5
24	60.1	59.6	59.2	58.7	58.3	57.9	57.4	56.6	56.6	56.4

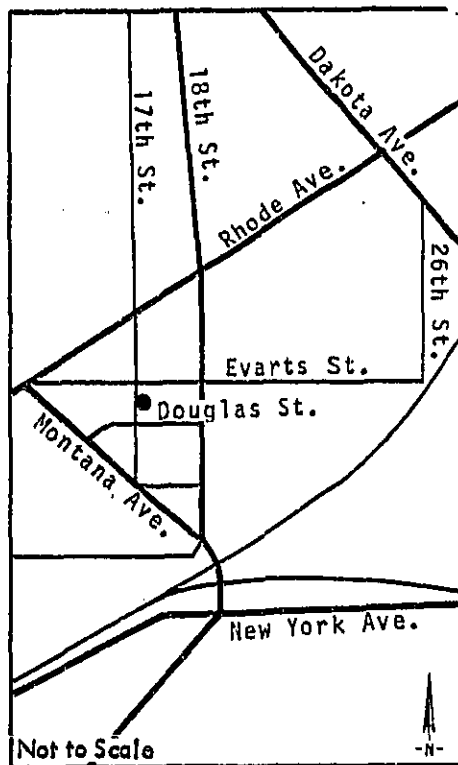
FIGURE B-113(b). HOURLY NOISE DATA FOR WASHINGTON, D.C., SITE 0105

SITE # 105



	DAY "!"	NIGHT ","	WEIGHTING	WEIGHTED LEQ
MAX	92.5	96.3	0.	62.3
MIN	56.3	53.8	8.	65.8
NPL	70.3	67.1	10.	67.2
STD	2.7	2.7	12.	68.7
LEQ	63.3	60.2		
THI	53.7	49.4		
L1	71.4	66.9		
L3	68.2	63.8		
L5	67.0	62.7		
L10	65.1	61.3		
L20	63.4	59.9		
L30	62.4	58.9		
L40	61.7	58.2		
L50	61.1	57.5		
L60	60.6	56.7		
L70	60.1	56.1		
L80	59.6	55.7		
L90	59.0	55.3		
L95	58.4	55.1		
L97	58.0	55.0		
L99	57.6	54.2		

FIGURE B-113(e). DAY/NIGHT NOISE DATA FOR WASHINGTON, D.C.,
SITE 0105



L_{DN} :	64.6 dB
ρ :	8,800 $\frac{\text{people}}{\text{sq. mi.}}$

SITE: 0106
 Address: 2625 17th NE
 Washington, D.C.
 Microphone Height: 4.7 m.
 Distance to Curb: 10.7 m.

ROADWAY TYPE

At Site: Local
 Vicinity: Collector

TRAFFIC

At Site: Cars
 Vicinity: Cars

OTHER NOISE SOURCES :

FIGURE B-114(a). DESCRIPTION OF WASHINGTON, D.C., SITE 0106

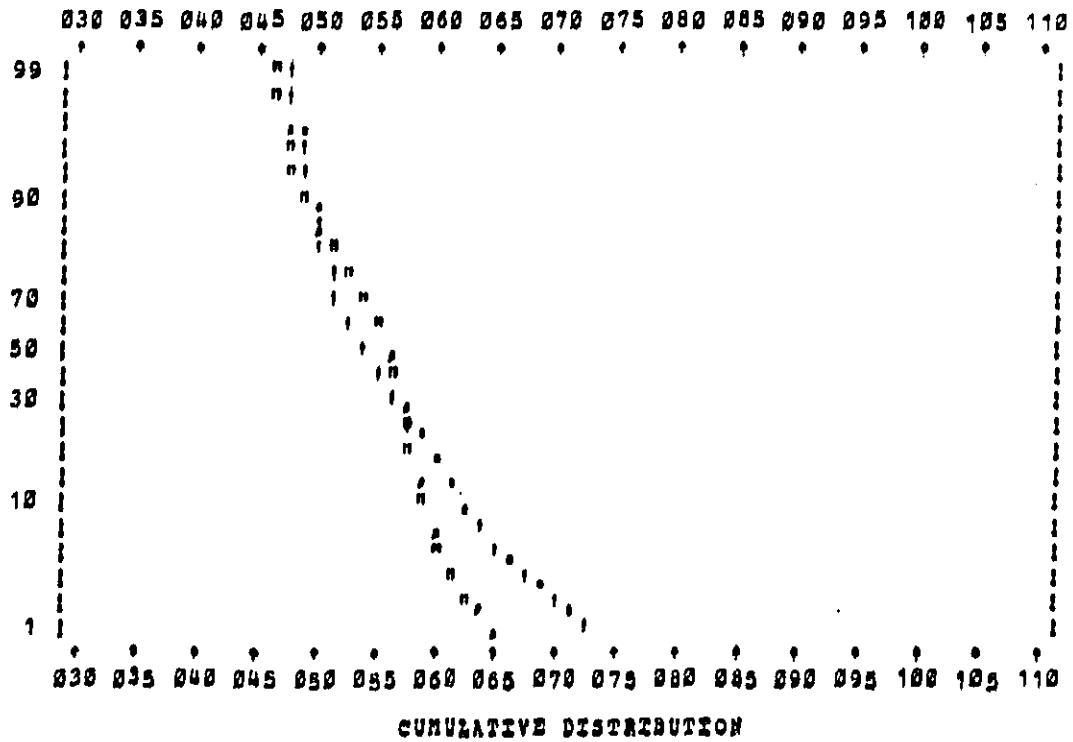
DIRECT AVIATION AND AIRPORTS

SITE # 100											
HR	MAX	MIN	NPL	SIG	LEO	TNI	L1	L3	L3	L10	L20
1	72.5	51.3	60.7	1.4	57.1	38.8	61.1	59.6	59.0	58.5	57.9
2	75.0	51.3	60.9	1.3	57.6	38.1	60.8	59.0	59.5	58.7	58.4
3	73.8	51.3	61.5	1.8	57.1	42.0	61.2	60.3	59.8	58.9	57.9
4	72.5	50.0	60.7	1.6	56.7	40.8	60.0	59.5	58.9	58.4	57.6
5	66.3	46.3	57.6	1.8	52.9	38.3	57.3	55.9	55.4	54.7	53.7
6	76.3	45.0	62.7	3.7	53.2	49.6	64.7	57.9	56.2	54.9	52.6
7	78.8	45.0	63.7	3.8	53.9	51.3	64.3	61.7	60.1	56.1	52.5
8	78.8	46.3	69.3	4.4	57.9	66.3	66.9	64.8	63.7	61.0	59.2
9	93.8	46.3	74.1	4.6	62.2	63.0	68.7	64.9	63.3	60.8	57.9
10	82.5	46.3	69.7	4.6	58.0	66.6	66.9	64.3	63.1	61.4	59.0
11	78.8	46.3	66.0	3.8	56.2	57.5	65.7	62.7	61.3	59.2	56.7
12	82.5	45.0	69.0	4.4	57.8	59.7	68.4	64.6	62.5	59.3	55.8
13	82.5	45.0	65.2	3.8	55.5	53.5	65.8	62.4	60.2	57.6	54.6
14	81.3	45.0	71.5	5.1	58.5	63.5	71.6	66.0	63.3	59.4	55.0
15	86.3	45.0	75.6	5.6	61.4	65.8	74.6	67.4	64.2	60.0	56.6
16	82.5	45.0	68.9	4.5	57.3	63.3	67.6	63.9	62.3	59.9	56.6
17	85.0	47.5	77.4	5.9	62.4	73.7	75.1	71.4	68.9	63.6	58.7
18	85.0	46.3	75.9	5.4	61.9	69.7	74.2	71.0	67.8	62.7	58.4
19	83.8	48.8	72.5	4.5	61.0	61.8	72.9	68.9	65.9	62.2	59.2
20	91.3	48.8	78.3	5.5	64.2	72.6	76.1	72.1	69.4	64.6	60.8
21	85.0	50.0	72.0	4.1	61.5	62.6	72.3	67.6	65.1	63.5	61.7
22	96.3	51.3	81.8	5.5	67.6	82.4	78.6	75.7	73.9	70.0	64.6
23	82.5	53.8	69.0	3.0	61.5	53.4	70.2	67.4	66.2	63.5	61.2
24	83.8	51.3	63.4	2.9	57.6	45.9	63.7	61.6	60.7	59.5	58.2

HR	L30	L40	L50	L60	L70	L80	L90	L95	L97	L99
1	57.4	57.1	56.8	56.5	56.1	55.6	55.2	54.6	54.2	53.8
2	58.0	57.6	57.3	56.9	56.6	56.3	55.6	55.2	55.1	54.2
3	57.3	56.8	56.4	56.0	55.6	55.2	54.6	54.1	53.9	53.2
4	57.1	56.7	56.2	55.8	55.4	55.0	54.3	53.9	53.6	52.8
5	53.3	52.8	52.4	52.0	51.5	51.0	50.1	49.4	49.0	48.3
6	50.8	49.5	48.6	48.1	47.6	47.1	46.6	46.4	46.3	45.6
7	51.1	50.2	49.6	49.1	48.6	48.1	47.6	47.2	46.8	46.4
8	57.3	53.6	54.2	53.0	52.0	51.2	50.3	49.6	49.2	48.9
9	56.1	54.7	53.5	52.5	51.7	50.9	50.1	49.4	49.1	48.6
10	57.0	55.3	53.9	52.6	51.6	50.6	49.6	49.0	48.8	47.9
11	54.9	53.6	52.7	51.9	51.2	50.5	49.7	49.2	48.9	48.4
12	54.0	53.0	52.1	51.4	50.8	50.1	49.2	48.6	48.1	47.5
13	53.0	52.0	51.2	50.6	50.1	49.5	48.9	48.3	47.9	47.6
14	52.7	51.4	50.5	49.8	49.3	48.7	48.0	47.6	47.3	46.6
15	54.5	52.7	51.3	50.4	49.6	48.8	48.1	47.7	47.5	46.7
16	54.3	52.9	52.0	51.3	50.5	49.7	48.7	48.0	47.7	46.9
17	56.0	54.3	53.1	52.3	51.6	50.9	50.3	49.8	49.3	48.9
18	56.2	54.9	53.9	53.1	52.3	51.5	50.4	49.8	49.3	48.8
19	57.5	56.4	55.4	54.6	53.9	53.1	52.4	51.7	51.5	50.9
20	57.9	56.5	55.4	54.5	53.7	52.9	51.9	51.3	50.9	50.3
21	60.3	59.2	58.2	57.1	56.0	54.9	53.8	52.9	52.6	51.7
22	63.0	61.9	60.8	59.6	58.3	57.1	55.8	54.9	54.3	53.4
23	60.4	59.7	59.2	58.7	58.2	57.6	56.8	56.3	55.9	55.2
24	57.3	56.7	56.1	55.7	55.3	54.8	54.1	53.7	53.1	52.6

FIGURE B-114(b). HOURLY NOISE DATA FOR WASHINGTON, D.C., SITE 01

SITE # 106



	DAY "D"	NIGHT "N"	WEIGHTING	WEIGHTED LEQ
MAX	96.3	83.8	0.	60.4
MIN	45.0	45.0	0.	63.3
MFL	75.5	67.4	10.	64.6
SIO	5.4	4.0	12.	68.0
LEQ	61.6	57.2		
TMT	70.7	60.0		
L1	73.7	65.4		
L3	68.3	61.7		
L5	65.4	60.6		
L10	62.4	59.3		
L20	59.3	58.1		
L30	57.1	57.3		
L40	55.5	56.6		
L50	54.1	55.9		
L60	52.9	55.2		
L70	51.8	53.9		
L80	50.8	51.6		
L90	49.6	48.8		
L95	48.9	47.7		
L97	48.4	47.2		
L99	47.7	46.5		

FIGURE B-114(c). DAY/NIGHT NOISE DATA FOR WASHINGTON, D. C.,
SITE 0106

ENVIRONMENTAL PROTECTION AGENCY
Office of Noise Abatement and Control
AW 571
Washington, D.C. 20460

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ENVIRONMENTAL PROTECTION AGENCY



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