

APPENDIX B
AIRCRAFT NOISE MEASUREMENT HOURLY DATA

Ohio State University (OSU) Airport Noise Study
A-Weighted Sound Levels
Noise Monitoring Site 01

Hour	Monday Feb-16-2004						Tuesday Feb-17-2004						Wednesday Feb-18-2004						
	L01	L10	L50	L90	Leq	L99	L01	L10	L50	L90	Leq	L99	L01	L10	L50	L90	Leq	L99	
	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)
00:00																			
01:00																			
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20:00																			
21:00																			
22:00																			
23:00																			
L01, dB(A)																			
L10, dB(A)																			
L50, dB(A)																			
L90, dB(A)																			
Leq, dB(A)																			
L99, dB(A)																			
DNL, dB(A)																			
Lmean, dB(A)																			
Hours (Day)																			
Hours (Night)																			
Hours (Total)																			

L01, dB(A): Hourly Average Sound Level, in A-Weighted Decibels.
L10, dB(A): Sound Level Exceeded 1 Percent of the Time, in A-Weighted Decibels.
L50, dB(A): Sound Level Exceeded 50 Percent of the Time, in A-Weighted Decibels.
L90, dB(A): Sound Level Exceeded 90 Percent of the Time, in A-Weighted Decibels.
Leq, dB(A): Hourly Average Sound Level, in A-Weighted Decibels.
L99, dB(A): Sound Level Exceeded 99 Percent of the Time, in A-Weighted Decibels.
DNL, dB(A): Day-Night Average Sound Level, in A-Weighted Decibels.
Lmean, dB(A): Average (over Total Hours) Sound Level, in A-Weighted Decibels.
NOTE: Gray Boxes Indicate Times when the Sound Level Meter was Stopped for Downloading.

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Ohio State University (OSU) Airport Noise Study
A-Weighted Sound Levels
Noise Monitoring Site 01

Hour	Thursday Feb-19-2004						Friday Feb-20-2004						Saturday Feb-21-2004					
	L01	L10	L50	L90	L99	Leq	L01	L10	L50	L90	L99	Leq	L01	L10	L50	L90	L99	
	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)
00:00	63	48	44	42	40	44	48	46	44	42	41	53	60	56	50	47	44	
01:00	44	55	44	42	40	39	46	46	43	41	40	61	60	55	48	44	42	
02:00	43	50	45	41	40	39	57	55	42	41	40	45	51	47	44	42	41	
03:00	58	51	43	41	39	48	60	48	44	41	40	60	59	52	46	42	40	
04:00	44	49	46	43	41	40	45	46	43	41	40	51	61	54	46	42	40	
05:00	59	57	49	46	44	43	46	48	45	42	41	54	62	57	51	46	43	
06:00	53	59	52	49	47	45	79	65	50	48	47	54	61	57	51	46	42	
07:00	75	84	57	54	51	50	70	71	57	53	51	71	63	55	51	48	46	
08:00	69	80	60	52	50	50	66	73	64	54	52	51	68	74	55	51	48	
09:00	61	74	62	51	49	48	64	63	53	50	49	60	60	51	54	50	48	
10:00	61	72	51	47	44	43	64	73	57	50	49	60	60	55	52	49	47	
11:00	60	73	56	46	42	41	65	79	68	52	50	48	52	59	55	51	49	
12:00	68	74	56	49	45	43	59	66	56	51	49	48	72	61	55	51	49	
13:00	61	75	57	47	44	42	71	72	58	52	50	48	60	62	56	51	49	
14:00	72	83	61	51	46	44	65	71	59	51	49	48	51	57	54	50	48	
15:00	61	73	59	51	47	46	68	80	68	53	50	49	69	68	55	51	49	
16:00	69	78	62	51	48	47	68	72	57	53	51	50	59	71	55	51	48	
17:00	61	73	58	50	48	47	67	77	60	53	52	51	61	62	52	49	47	
18:00	63	78	63	51	49	47	70	80	65	54	52	50	48	52	49	47	46	
19:00	65	77	62	51	48	46	62	70	62	54	51	50	59	67	48	47	45	
20:00	66	78	60	51	48	47	58	66	62	56	51	49	47	52	48	46	45	
21:00	66	71	58	50	48	47	57	67	60	54	50	47	64	54	48	46	45	
22:00	74	83	61	49	46	45	53	60	56	51	47	45	68	69	45	44	42	
23:00	58	63	55	47	45	44	62	62	54	48	45	44	44	51	45	42	41	
LD, dB(A)	68					67							65					
LN, dB(A)	65					60							60					
DNL, dB(A)	72					68							68					
Lmean, dB(A)	67					65							64					
Hours (Day)	15					14							15					
Hours (Night)	9					9							9					
Hours (Total)	24					23							24					

Leq, dB(A): Hourly Average Sound Level, in A-Weighted Decibels.
L01, dB(A): Sound Level Exceeded 1 Percent of the Time, in A-Weighted Decibels.
(L01 Represents the Maximum Sound Level)
L10, dB(A): Sound Level Exceeded 10 Percent of the Time, in A-Weighted Decibels.
L50, dB(A): Sound Level Exceeded 50 Percent of the Time, in A-Weighted Decibels.
L90, dB(A): Sound Level Exceeded 90 Percent of the Time, in A-Weighted Decibels.
NOTE: Gray Boxes Indicate Times when the Sound Level Meter was Stopped for Downloading.

L99, dB(A): Sound Level Exceeded 99 Percent of the Time, in A-Weighted Decibels.
(L99 Represents the Minimum Sound Level)
LD, dB(A): Daytime Average Sound Level, in A-Weighted Decibels (07:00-22:00)
LN, dB(A): Nighttime Average Sound Level, in A-Weighted Decibels (22:00-07:00 and 22:00-24:00)
DNL, dB(A): Day-Night Average Sound Level, in A-Weighted Decibels.
Lmean, dB(A): Average (over Total Hours) Sound Level, in A-Weighted Decibels.

Ohio State University (OSU) Airport Noise Study
A-Weighted Sound Levels
Noise Monitoring Site 01

Hour	Sunday Feb-22-2004						Monday Feb-23-2004						Tuesday Feb-24-2004						
	L01	L10	L50	L90	L99	Leq	L01	L10	L50	L90	L99	Leq	L01	L10	L50	L90	L99	Leq	
	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)
00:00	42	48	44	41	39	38	46	43	40	37	35	43	54	44	40	39	37	43	54
01:00	59	55	43	39	37	35	46	43	40	37	36	43	55	42	39	36	36	43	55
02:00	42	52	43	40	37	34	40	49	42	38	36	35	56	70	44	38	35	56	70
03:00	39	46	40	38	35	34	42	54	40	38	36	58	62	51	40	38	37	60	69
04:00	56	49	40	37	35	34	49	63	47	39	37	37	60	67	42	38	36	60	69
05:00	40	49	42	37	34	32	46	55	50	44	40	38	55	70	47	44	42	41	41
06:00	39	44	42	38	35	34	51	64	51	47	44	42	71	63	47	44	43	83	68
07:00	70	65	45	41	38	36	61	71	56	51	49	48	74	60	47	45	44	74	60
08:00	56	67	50	43	40	39	68	76	63	52	48	48	68	57	47	45	44	68	57
09:00	63	67	46	43	41	40	68	74	60	50	46	45	73	55	46	43	42	73	55
10:00	66	72	54	44	41	40	61	73	61	55	46	44	84	64	48	43	42	84	64
11:00	74	79	57	44	42	40	62	73	65	48	44	42	57	50	46	44	42	56	50
12:00	63	75	60	46	41	40	66	71	63	49	42	40	66	77	64	49	45	66	77
13:00	94	66	47	42	40	39	60	71	62	49	44	42	65	54	47	44	43	65	54
14:00	62	75	51	43	40	39	65	77	68	49	44	42	61	59	49	45	44	61	59
15:00	64	77	56	43	40	38	66	76	68	50	44	42	63	62	48	45	43	63	62
16:00	62	74	49	43	41	40	62	76	62	51	43	41	71	60	48	44	43	71	60
17:00	66	75	57	44	41	39	60	74	59	50	46	43	69	75	58	46	44	69	75
18:00	60	65	49	44	41	40	64	75	63	51	46	44	68	70	53	46	43	68	70
19:00	63	76	52	47	42	41	55	58	50	46	44	43	65	54	47	43	42	65	54
20:00	59	65	50	46	43	42	60	69	56	46	44	40	65	74	56	45	41	65	74
21:00	55	63	49	46	42	40	67	77	57	45	42	40	59	51	44	41	40	59	51
22:00	61	74	52	46	42	39	47	59	47	44	42	41	63	46	41	39	38	63	46
23:00	44	51	46	42	39	37	66	68	49	43	41	40	67	70	51	40	36	67	70
L01, dB(A)	66						65						65					68	
L10, dB(A)	54						56						63					63	
DNL, dB(A)	66						66						66					66	
Lmean, dB(A)	64						63						63					65	
Hours (Day)	14						15						9					9	
Hours (Night)	9						9						9					9	
Hours (Total)	23						24						23					23	

Leq, dB(A): Hourly Average Sound Level, in A-Weighted Decibels.
L01, dB(A): Sound Level Exceeded 1 Percent of the Time, in A-Weighted Decibels.
(L01 Represents the Maximum Sound Level)
L10, dB(A): Sound Level Exceeded 10 Percent of the Time, in A-Weighted Decibels.
L50, dB(A): Sound Level Exceeded 50 Percent of the Time, in A-Weighted Decibels.
L90, dB(A): Sound Level Exceeded 90 Percent of the Time, in A-Weighted Decibels.
NOTE: Gray Boxes Indicate Times when the Sound Level Meter was Stopped for Downloading.

L99, dB(A): Sound Level Exceeded 99 Percent of the Time, in A-Weighted Decibels.
(L99 Represents the Minimum Sound Level)
L10, dB(A): Daytime Average Sound Level, in A-Weighted Decibels (07:00-22:00).
LN, dB(A): Nighttime Average Sound Level, in A-Weighted Decibels (22:00-07:00 and 22:00-24:00).
DNL, dB(A): Day-Night Average Sound Level, in A-Weighted Decibels.
Lmean, dB(A): Average (over Total Hours) Sound Level, in A-Weighted Decibels.

September 2004
WR 04-20

Aircraft Noise Study for
Ohio State University Airport

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Ohio State University (OSU) Airport Noise Study
A-Weighted Sound Levels
Noise Monitoring Site 01

Hour	Wednesday Feb-25-2004									
	Leq	L01	L10	L50	L90	L99				
	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)
00:00	46	57	44	38	36	35				
01:00	41	52	43	38	36	35				
02:00	60	49	41	37	36	34				
03:00	44	56	47	38	36	34				
04:00	47	57	46	40	38	37				
05:00	65	64	55	44	41	39				
06:00	58	73	54	46	43	42				
07:00	66	76	70	52	48	48				
08:00	67	76	67	54	47	46				
09:00	64	75	60	50	43	39				
10:00	64	75	60	50	43	39				
11:00	64	75	60	50	43	39				
12:00										
13:00										
14:00										
15:00										
16:00										
17:00										
18:00										
19:00										
20:00										
21:00										
22:00										
23:00										
LD, dB(A)	66									
LN, dB(A)	58									
DNL, dB(A)										
Lmean, dB(A)	62									
Hours (Day)	4									
Hours (Night)	7									
Hours (Total)	11									

Leq, dB(A): Hourly Average Sound Level, in A-Weighted Decibels.
L01, dB(A): Sound Level Exceeded 1 Percent of the Time, in A-Weighted Decibels.
(L01 Represents the Maximum Sound Level)
L10, dB(A): Sound Level Exceeded 10 Percent of the Time, in A-Weighted Decibels.
L50, dB(A): Sound Level Exceeded 50 Percent of the Time, in A-Weighted Decibels.
L90, dB(A): Sound Level Exceeded 90 Percent of the Time, in A-Weighted Decibels.
NOTE: Gray Boxes Indicate Times when the Sound Level Meter was Stopped for Downloading.

L99, dB(A): Sound Level Exceeded 99 Percent of the Time, in A-Weighted Decibels.
(L99 Represents the Minimum Sound Level)
LD, dB(A): Daytime Average Sound Level, in A-Weighted Decibels (07:00-22:00).
LN, dB(A): Nighttime Average Sound Level, in A-Weighted dB (00:00-07:00 and 22:00-24:00).
DNL, dB(A): Day-Night Average Sound Level, in A-Weighted Decibels.
Lmean, dB(A): Average (over Total Hours) Sound Level, in A-Weighted Decibels.



Ohio State University (OSU) Airport Noise Study
A-Weighted Sound Levels
Noise Monitoring Site 02

Hour	Monday Feb-16-2004						Tuesday Feb-17-2004						Wednesday Feb-18-2004					
	L01		L50		L99		L01		L50		L99		L01		L50		L99	
	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)
00:00																		
01:00																		
02:00																		
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17:00																		
18:00																		
19:00																		
20:00																		
21:00																		
22:00																		
23:00																		
L01, dB(A)	62						62						62					
L50, dB(A)	64						64						64					
L99, dB(A)	64						64						64					
DNL, dB(A)	62						62						62					
Lmean, dB(A)	12						12						12					
Hours (Day)	2						2						2					
Hours (Night)	2						2						2					
Hours (Total)	14						14						14					

L01, dB(A): Hourly Average Sound Level, in A-Weighted Decibels.
L50, dB(A): Sound Level Exceeded 50 Percent of the Time, in A-Weighted Decibels.
L99, dB(A): Sound Level Exceeded 99 Percent of the Time, in A-Weighted Decibels.
L01, dB(A): Sound Level Exceeded 1 Percent of the Time, in A-Weighted Decibels.
(L01 Represents the Maximum Sound Level)
L10, dB(A): Sound Level Exceeded 10 Percent of the Time, in A-Weighted Decibels.
L50, dB(A): Sound Level Exceeded 50 Percent of the Time, in A-Weighted Decibels.
L90, dB(A): Sound Level Exceeded 90 Percent of the Time, in A-Weighted Decibels.
NOTE: Gray Boxes Indicate Times when the Sound Level Meter was Stopped for Downloading.

L01, dB(A): Hourly Average Sound Level, in A-Weighted Decibels.
L50, dB(A): Sound Level Exceeded 50 Percent of the Time, in A-Weighted Decibels.
L99, dB(A): Sound Level Exceeded 99 Percent of the Time, in A-Weighted Decibels.
L01, dB(A): Sound Level Exceeded 1 Percent of the Time, in A-Weighted Decibels.
(L01 Represents the Maximum Sound Level)
L10, dB(A): Sound Level Exceeded 10 Percent of the Time, in A-Weighted Decibels.
L50, dB(A): Sound Level Exceeded 50 Percent of the Time, in A-Weighted Decibels.
L90, dB(A): Sound Level Exceeded 90 Percent of the Time, in A-Weighted Decibels.
NOTE: Gray Boxes Indicate Times when the Sound Level Meter was Stopped for Downloading.

L01, dB(A): Hourly Average Sound Level, in A-Weighted Decibels.
L50, dB(A): Sound Level Exceeded 50 Percent of the Time, in A-Weighted Decibels.
L99, dB(A): Sound Level Exceeded 99 Percent of the Time, in A-Weighted Decibels.
L01, dB(A): Sound Level Exceeded 1 Percent of the Time, in A-Weighted Decibels.
(L01 Represents the Maximum Sound Level)
L10, dB(A): Sound Level Exceeded 10 Percent of the Time, in A-Weighted Decibels.
L50, dB(A): Sound Level Exceeded 50 Percent of the Time, in A-Weighted Decibels.
L90, dB(A): Sound Level Exceeded 90 Percent of the Time, in A-Weighted Decibels.
NOTE: Gray Boxes Indicate Times when the Sound Level Meter was Stopped for Downloading.

Ohio State University (OSU) Airport Noise Study
A-Weighted Sound Levels
Noise Monitoring Site 02

Hour	Thursday Feb-19-2004						Friday Feb-20-2004						Saturday Feb-21-2004					
	L10		L50		L99		L10		L50		L99		L10		L50		L99	
	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)
00:00	53	63	49	45	43	42	46	44	42	40	39	60	68	63	57	51	47	47
01:00	51	52	46	42	41	40	53	45	41	40	40	57	65	60	54	49	45	45
02:00	45	51	47	43	41	40	52	44	41	40	39	52	60	55	49	45	42	42
03:00	48	53	47	44	42	41	54	46	42	40	39	56	65	58	52	47	43	43
04:00	46	51	47	44	43	42	52	45	42	41	40	58	68	62	54	47	44	44
05:00	50	58	49	47	46	45	55	47	44	42	41	61	69	65	59	53	48	48
06:00	50	58	51	49	47	46	55	47	44	42	41	61	69	65	59	53	48	48
07:00	60	73	59	53	50	49	60	73	62	54	50	61	61	64	58	51	47	47
08:00	66	79	63	53	50	49	60	73	62	54	50	61	61	64	58	51	47	47
09:00	67	82	61	52	49	49	94	60	51	49	48	55	64	58	50	47	46	46
10:00	60	71	53	48	45	44	53	65	54	50	48	53	60	56	50	47	46	46
11:00	62	77	59	46	42	41	56	67	58	51	48	57	66	61	54	49	47	47
12:00	67	82	64	48	43	41	54	63	56	50	48	58	65	59	53	49	47	47
13:00	64	79	57	46	43	42	55	67	55	50	48	58	66	62	55	49	47	47
14:00	67	81	68	50	45	43	55	67	56	49	47	58	66	62	55	49	47	47
15:00	66	81	62	49	45	43	57	67	56	49	47	58	66	62	55	49	47	47
16:00	55	67	57	48	45	43	57	66	57	52	48	47	57	60	56	50	48	47
17:00	63	73	55	47	45	44	55	65	57	50	48	48	54	63	57	51	47	46
18:00	60	74	57	48	45	44	61	75	59	52	49	48	55	50	47	45	44	44
19:00	53	68	59	46	44	44	66	78	69	58	51	49	48	50	46	45	44	44
20:00	57	69	58	49	46	45	74	69	62	56	52	46	51	47	45	44	43	43
21:00	54	67	57	48	46	45	65	75	68	60	53	49	48	46	44	43	42	41
22:00	58	69	60	46	44	44	60	69	63	58	52	48	51	60	48	43	42	41
23:00	53	63	56	45	43	42	67	61	54	48	45	42	45	43	41	40	39	39
LD, dB(A)	64						61						56					
LN, dB(A)	52						54						58					
DNL, dB(A)	63						62						64					
Lmean, dB(A)	62						59						57					
Hours (Day)	15						14						15					
Hours (Night)	9						9						9					
Hours (Total)	24						23						24					

Leq, dB(A): Hourly Average Sound Level, in A-Weighted Decibels.
L01, dB(A): Sound Level Exceeded 1 Percent of the Time, in A-Weighted Decibels.
(L01 Represents the Maximum Sound Level)
L10, dB(A): Sound Level Exceeded 10 Percent of the Time, in A-Weighted Decibels.
L50, dB(A): Sound Level Exceeded 50 Percent of the Time, in A-Weighted Decibels.
L90, dB(A): Sound Level Exceeded 90 Percent of the Time, in A-Weighted Decibels.
NOTE: Gray Boxes Indicate Times when the Sound Level Meter was Stopped for Downloading.

L99, dB(A): Sound Level Exceeded 99 Percent of the Time, in A-Weighted Decibels.
(L99 Represents the Minimum Sound Level)
LD, dB(A): Daytime Average Sound Level, in A-Weighted Decibels (07:00-22:00).
LN, dB(A): Nighttime Average Sound Level, in A-Weighted dB (00:00-07:00 and 22:00-24:00).
DNL, dB(A): Day-Night Average Sound Level, in A-Weighted Decibels.
Lmean, dB(A): Average (Over Total Hours) Sound Level, in A-Weighted Decibels.

Ohio State University (OSU) Airport Noise Study
A-Weighted Sound Levels
Noise Monitoring Site 02

Hour	Sunday Feb-22-2004						Monday Feb-23-2004						Tuesday Feb-24-2004														
	L01	L50	L90	L99	Leq	L01	L50	L90	L99	Leq	L01	L50	L90	L99	Leq	L01	L50	L90	L99	Leq							
	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)						
00:00	43	48	42	40	39	38	38	38	38	38	41	39	37	36	35	54	44	41	39	39	43	44	41	39	38		
01:00	43	50	41	37	35	34	34	34	34	34	43	39	37	35	34	42	46	43	41	38	42	42	43	41	38	36	
02:00	40	51	41	37	36	34	34	34	34	34	44	40	37	35	34	46	54	46	39	36	46	54	46	39	36	35	
03:00	37	44	39	36	35	34	34	34	34	34	55	40	37	35	34	50	63	51	40	38	50	63	51	40	38	37	
04:00	42	47	40	38	36	35	35	35	35	35	64	48	40	38	37	57	65	52	43	38	57	65	52	43	38	37	
05:00	38	48	38	36	34	33	33	33	33	33	50	61	52	43	39	47	56	47	45	44	47	56	47	45	44	43	
06:00	38	44	40	37	35	33	33	33	33	33	56	50	44	42	41	53	64	55	47	44	53	64	55	47	44	43	
07:00	54	66	46	40	38	36	36	36	36	36	62	60	52	48	46	45	51	53	48	46	50	53	48	46	46	46	
08:00	63	75	51	42	39	38	38	38	38	38	82	63	52	49	47	50	63	51	48	47	50	63	51	48	47	46	
09:00	50	62	48	41	39	38	38	38	38	38	66	77	62	50	46	44	49	57	50	47	46	57	50	47	46	45	
10:00	62	74	55	43	40	38	37	37	37	37	82	53	47	44	42	41	53	48	46	45	49	53	48	46	45	45	
11:00	62	76	56	43	40	39	37	37	37	37	72	55	46	43	42	41	52	48	46	46	52	52	48	46	46	46	
12:00	69	84	61	46	40	39	38	38	38	38	66	54	45	40	38	52	61	54	48	46	52	61	54	48	46	45	
13:00	51	63	53	41	39	38	37	37	37	37	67	56	47	43	40	54	61	55	48	47	54	61	55	48	47	46	
14:00	55	69	56	41	38	37	37	37	37	37	60	75	57	47	42	40	52	50	47	46	52	50	47	46	46	45	
15:00	50	62	48	41	38	37	37	37	37	37	58	69	49	43	42	40	53	48	46	45	53	54	48	46	45	45	
16:00	50	62	48	41	38	37	37	37	37	37	56	67	46	40	38	52	62	54	48	46	52	62	54	48	46	45	
17:00	63	78	59	43	38	37	37	37	37	37	62	55	45	42	40	40	51	47	46	44	51	60	51	47	46	44	
18:00	59	69	48	41	38	36	36	36	36	36	57	71	57	48	42	40	49	47	45	44	56	51	47	45	44	44	
19:00	53	61	47	44	39	38	38	38	38	38	46	55	48	42	41	40	51	48	45	44	46	54	48	45	44	44	
20:00	48	55	46	42	41	40	40	40	40	40	66	51	42	41	40	48	60	51	44	42	41	64	74	58	46	42	41
21:00	50	60	49	41	39	38	38	38	38	38	54	46	42	41	40	46	59	46	42	40	46	59	46	42	40	39	
22:00	50	60	49	41	39	38	38	38	38	38	44	46	42	41	40	46	59	46	42	40	46	59	46	42	40	39	
23:00	45	59	43	39	37	35	35	35	35	35	60	48	42	41	40	50	61	50	41	37	50	61	50	41	37	36	
LD, dB(A)	61										60					55					55						
LN, dB(A)	44										49					51					51						
DNL, dB(A)	59										60					58					58						
Lmean, dB(A)	59										59					54					54						
Hours (Day)	14										13					9					13						
Hours (Night)	9										9					9					9						
Hours (Total)	23										24					22					22						

Leq, dB(A): Hourly Average Sound Level, in A-Weighted Decibels.
L01, dB(A): Sound Level Exceeded 1 Percent of the Time, in A-Weighted Decibels.
(L01 Represents the Maximum Sound Level)
L10, dB(A): Sound Level Exceeded 10 Percent of the Time, in A-Weighted Decibels.
L50, dB(A): Sound Level Exceeded 50 Percent of the Time, in A-Weighted Decibels.
L90, dB(A): Sound Level Exceeded 90 Percent of the Time, in A-Weighted Decibels.
NOTE: Gray Boxes Indicate Times when the Sound Level Meter was Stopped for Downloading.

L99, dB(A): Sound Level Exceeded 99 Percent of the Time, in A-Weighted Decibels.
(L99 Represents the Minimum Sound Level)
LD, dB(A): Daytime Average Sound Level, in A-Weighted Decibels (07:00-22:00).
LN, dB(A): Nighttime Average Sound Level, in A-Weighted dB (00:00-07:00 and 22:00-24:00).
DNL, dB(A): Day-Night Average Sound Level, in A-Weighted Decibels.
Lmean, dB(A): Average (over Total Hours) Sound Level, in A-Weighted Decibels.

Ohio State University (OSU) Airport Noise Study
A-Weighted Sound Levels
Noise Monitoring Site 02

Hour	Wednesday Feb-25-2004									
	Leq dB(A)	L01		L10		L50		L90		L99 dB(A)
		dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)		
00:00	43	49	43	39	37	36	36	36	36	
01:00	43	56	43	39	37	36	36	36	36	
02:00	41	53	40	37	36	35	35	35	35	
03:00	46	56	47	40	37	36	36	36	36	
04:00	46	57	47	42	40	39	39	39	39	
05:00	51	62	55	45	43	41	41	41	41	
06:00	48	54	49	47	45	44	44	44	44	
07:00	55	65	57	51	50	48	48	48	48	
08:00	57	69	57	51	49	47	47	47	47	
09:00	66	78	63	48	45	44	44	44	44	
10:00	52	65	53	45	42	40	40	40	40	
11:00	59	69	57	46	42	40	40	40	40	
12:00										
13:00										
14:00										
15:00										
16:00										
17:00										
18:00										
19:00										
20:00										
21:00										
22:00										
23:00										
LD, dB(A)	61									
LN, dB(A)	47									
DNL, dB(A)										
Lmean, dB(A)	55									
Hours (Day)	4									
Hours (Night)	7									
Hours (Total)	11									

Leq, dB(A): Hourly Average Sound Level, in A-Weighted Decibels.
L01, dB(A): Sound Level Exceeded 1 Percent of the Time, in A-Weighted Decibels.
(L01 Represents the Maximum Sound Level)
L10, dB(A): Sound Level Exceeded 10 Percent of the Time, in A-Weighted Decibels.
L50, dB(A): Sound Level Exceeded 50 Percent of the Time, in A-Weighted Decibels.
L90, dB(A): Sound Level Exceeded 90 Percent of the Time, in A-Weighted Decibels.
L99, dB(A): Sound Level Exceeded 99 Percent of the Time, in A-Weighted Decibels.
(L99 Represents the Minimum Sound Level)
LD, dB(A): Daytime Average Sound Level, in A-Weighted Decibels (07:00-22:00).
LN, dB(A): Nighttime Average Sound Level, in A-Weighted dB (00:00-07:00 and 22:00-24:00).
DNL, dB(A): Day-Night Average Sound Level, in A-Weighted Decibels.
Lmean, dB(A): Average (over Total Hours) Sound Level, in A-Weighted Decibels.
NOTE: Gray Boxes Indicate Times when the Sound Level Meter was Stopped for Downloading.

Ohio State University (OSU) Airport Noise Study
A-Weighted Sound Levels
Noise Monitoring Site 03

Hour	Thursday Feb-19-2004						Friday Feb-20-2004						Saturday Feb-21-2004					
	L01 dB(A)	L10 dB(A)	L50 dB(A)	L90 dB(A)	L99 dB(A)	Leq dB(A)	L01 dB(A)	L10 dB(A)	L50 dB(A)	L90 dB(A)	L99 dB(A)	Leq dB(A)	L01 dB(A)	L10 dB(A)	L50 dB(A)	L90 dB(A)	L99 dB(A)	Leq dB(A)
	00:00	67	76	60	41	39	40	44	41	40	38	38	60	65	62	59	50	46
01:00	67	74	48	40	38	40	44	45	40	38	38	60	65	62	59	50	46	60
02:00	41	50	43	39	38	37	44	43	39	38	37	60	65	62	59	50	46	60
03:00	47	53	44	40	39	47	55	44	40	39	38	60	65	62	59	50	46	60
04:00	62	75	47	42	40	40	51	46	40	38	37	60	65	62	59	50	46	60
05:00	61	72	46	45	43	41	51	46	40	39	38	60	65	62	59	50	46	60
06:00	58	71	56	47	44	43	54	48	46	44	44	60	65	62	59	50	46	60
07:00	63	76	64	53	50	48	57	57	48	46	44	60	65	62	59	50	46	60
08:00	62	72	65	55	50	49	65	52	48	47	46	60	65	62	59	50	46	60
09:00	61	75	61	52	48	47	61	52	48	47	46	60	65	62	59	50	46	60
10:00	59	71	57	48	44	43	94	64	48	46	46	60	65	62	59	50	46	60
11:00	60	69	56	45	41	40	55	56	48	46	46	60	65	62	59	50	46	60
12:00	57	69	59	50	43	41	58	56	48	46	46	60	65	62	59	50	46	60
13:00	53	65	55	47	44	42	61	58	49	46	45	60	65	62	59	50	46	60
14:00	60	72	63	52	46	42	61	73	63	50	46	60	65	62	59	50	46	60
15:00	61	70	59	49	44	43	57	70	49	45	44	60	65	62	59	50	46	60
16:00	58	71	60	50	44	42	61	75	62	51	47	60	65	62	59	50	46	60
17:00	59	69	56	48	45	43	64	64	49	45	44	60	65	62	59	50	46	60
18:00	56	68	57	48	44	43	61	73	60	52	48	60	65	62	59	50	46	60
19:00	62	72	59	47	44	43	65	77	68	58	48	60	65	62	59	50	46	60
20:00	58	71	61	48	45	44	63	71	66	61	48	60	65	62	59	50	46	60
21:00	54	69	50	45	44	44	61	68	64	60	54	60	65	62	59	50	46	60
22:00	53	76	59	45	43	42	61	67	63	60	50	60	65	62	59	50	46	60
23:00	57	71	58	44	40	40	63	63	55	47	43	60	65	62	59	50	46	60
LD, dB(A)	60						61					58						
LN, dB(A)	62						56					58						
DNL, dB(A)	69						64					65						
L _{mean} , dB(A)	61						60					58						
Hours (Day)	15						14					9						
Hours (Night)	9						9					9						
Hours (Total)	24						23					24						

Leq, dB(A): Hourly Average Sound Level, in A-Weighted Decibels.
 L01, dB(A): Sound Level Exceeded 1 Percent of the Time, in A-Weighted Decibels.
 (L01 Represents the Maximum Sound Level)
 L10, dB(A): Sound Level Exceeded 10 Percent of the Time, in A-Weighted Decibels.
 L50, dB(A): Sound Level Exceeded 50 Percent of the Time, in A-Weighted Decibels.
 L90, dB(A): Sound Level Exceeded 90 Percent of the Time, in A-Weighted Decibels.
 L_{mean}, dB(A): Average (over Total Hours) Sound Level, in A-Weighted Decibels.
 LN, dB(A): Day-Night Average Sound Level, in A-Weighted Decibels (07:00-22:00).
 LD, dB(A): Daytime Average Sound Level, in A-Weighted Decibels (07:00-22:00).
 L99, dB(A): Sound Level Exceeded 99 Percent of the Time, in A-Weighted Decibels.
 (L99 Represents the Minimum Sound Level)
 DNL, dB(A): Day-Night Average Sound Level, in A-Weighted Decibels (07:00-22:00).
 L_{mean}, dB(A): Average (over Total Hours) Sound Level, in A-Weighted Decibels.
 NOTE: Gray Boxes Indicate Times when the Sound Level Meter was Stopped for Downloading.

Ohio State University (OSU) Airport Noise Study
A-Weighted Sound Levels
Noise Monitoring Site 03

Hour	Sunday Feb-22-2004						Monday Feb-23-2004						Tuesday Feb-24-2004						
	L99	L90	L50	L10	L01	Leq	L99	L90	L50	L10	L01	Leq	L99	L90	L50	L10	L01	Leq	
	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)
00:00	64	38	58	41	38	38	35	34	38	41	40	38	37	36	42	49	44	41	40
01:00	45	33	35	33	32	38	32	32	38	43	40	38	36	35	45	51	44	41	38
02:00	46	33	35	33	32	38	32	32	38	43	40	38	36	35	45	51	44	41	38
03:00	36	33	35	33	32	38	32	32	38	43	40	38	36	35	45	51	44	41	38
04:00	49	33	36	33	32	38	32	32	38	43	40	38	36	35	45	51	44	41	38
05:00	55	33	36	33	32	38	32	32	38	43	40	38	36	35	45	51	44	41	38
06:00	38	33	40	36	32	38	32	32	38	43	40	38	36	35	45	51	44	41	38
07:00	56	33	40	36	32	38	32	32	38	43	40	38	36	35	45	51	44	41	38
08:00	56	33	40	36	32	38	32	32	38	43	40	38	36	35	45	51	44	41	38
09:00	51	33	41	36	32	38	32	32	38	43	40	38	36	35	45	51	44	41	38
10:00	58	33	43	39	35	38	32	32	38	43	40	38	36	35	45	51	44	41	38
11:00	56	33	43	39	35	38	32	32	38	43	40	38	36	35	45	51	44	41	38
12:00	57	33	46	35	34	38	32	32	38	43	40	38	36	35	45	51	44	41	38
13:00	57	33	46	35	34	38	32	32	38	43	40	38	36	35	45	51	44	41	38
14:00	51	33	42	38	36	34	32	32	38	43	40	38	36	35	45	51	44	41	38
15:00	51	33	42	38	36	34	32	32	38	43	40	38	36	35	45	51	44	41	38
16:00	55	33	43	37	36	34	32	32	38	43	40	38	36	35	45	51	44	41	38
17:00	53	33	43	37	36	34	32	32	38	43	40	38	36	35	45	51	44	41	38
18:00	54	33	43	37	36	34	32	32	38	43	40	38	36	35	45	51	44	41	38
19:00	52	33	42	35	34	33	32	32	38	43	40	38	36	35	45	51	44	41	38
20:00	47	33	41	39	38	36	34	34	33	42	41	43	42	41	57	71	52	46	44
21:00	66	33	43	39	38	38	38	38	38	52	59	48	44	43	42	47	58	44	42
22:00	59	33	40	38	38	38	38	38	38	47	56	50	43	42	41	54	70	45	41
23:00	50	33	39	37	35	35	35	35	35	49	59	50	44	42	41	55	69	54	38
L01, dB(A)	57																		
L99, dB(A)	56																		
L90, dB(A)	61																		
L50, dB(A)	57																		
L10, dB(A)	14																		
Hours (Day)	9																		
Hours (Night)	9																		
Hours (Total)	23																		

L01, dB(A): Hourly Average Sound Level, in A-Weighted Decibels.
 (L01 Represents the Maximum Sound Level)
 L99, dB(A): Sound Level Exceeded 99 Percent of the Time, in A-Weighted Decibels.
 (L99 Represents the Minimum Sound Level)
 L90, dB(A): Sound Level Exceeded 90 Percent of the Time, in A-Weighted Decibels.
 L50, dB(A): Sound Level Exceeded 50 Percent of the Time, in A-Weighted Decibels.
 L10, dB(A): Sound Level Exceeded 10 Percent of the Time, in A-Weighted Decibels.
 Lmean, dB(A): Average (over Total Hours) Sound Level, in A-Weighted Decibels.
 Leq, dB(A): Average (over Total Hours) Sound Level, in A-Weighted Decibels.
 DNL, dB(A): Day-Night Average Sound Level, in A-Weighted Decibels.
 LN, dB(A): Nighttime Average Sound Level, in A-Weighted Decibels (07:00-07:00 and 22:00-24:00).
 LD, dB(A): Daytime Average Sound Level, in A-Weighted Decibels (07:00-22:00).
 NOTE: Gray Boxes Indicate Times when the Sound Level Meter was Stopped for Downloading.

Ohio State University (OSU) Airport Noise Study
A-Weighted Sound Levels
Noise Monitoring Site 03

Hour	Wednesday Feb-25-2004									
	Leg dB(A)	L01	L10	L50	L90	L99	L99 dB(A)	L99 dB(A)	L99 dB(A)	L99 dB(A)
		dB(A)	dB(A)	dB(A)	dB(A)	dB(A)				
00:00	46	51	43	39	37	36				
01:00	59	72	52	40	37	36				
02:00	46	53	42	39	37	36				
03:00	50	62	45	40	38	36				
04:00	56	71	50	43	40	39				
05:00	61	73	66	46	43	42				
06:00	49	55	51	48	46	45				
07:00	64	74	65	53	50	49				
08:00	66	78	68	54	49	47				
09:00	67	77	62	50	45	44				
10:00	62	75	62	47	42	41				
11:00	63	77	64	49	42	40				
12:00		98	94	59	44	42				
13:00										
14:00										
15:00										
16:00										
17:00										
18:00										
19:00										
20:00										
21:00										
22:00										
23:00										
LD, dB(A)	65									
LN, dB(A)	56									
DNL, dB(A)										
Lmean, dB(A)	62									
Hours (Day)	5									
Hours (Night)	7									
Hours (Total)	12									

Leg, dB(A): Hourly Average Sound Level, in A-Weighted Decibels.
L01, dB(A): Sound Level Exceeded 1 Percent of the Time, in A-Weighted Decibels.
(L01 Represents the Maximum Sound Level)
L10, dB(A): Sound Level Exceeded 10 Percent of the Time, in A-Weighted Decibels.
L50, dB(A): Sound Level Exceeded 50 Percent of the Time, in A-Weighted Decibels.
L90, dB(A): Sound Level Exceeded 90 Percent of the Time, in A-Weighted Decibels.
L99, dB(A): Sound Level Exceeded 99 Percent of the Time, in A-Weighted Decibels.
(L99 Represents the Minimum Sound Level)
LD, dB(A): Daytime Average Sound Level, in A-Weighted Decibels (07:00-22:00).
LN, dB(A): Nighttime Average Sound Level, in A-Weighted dB (00:00-07:00 and 22:00-24:00).
DNL, dB(A): Day-Night Average Sound Level, in A-Weighted Decibels.
Lmean, dB(A): Average (over Total Hours) Sound Level, in A-Weighted Decibels.
NOTE: Gray Boxes Indicate Times when the Sound Level Meter was Stopped for Downloading.

Ohio State University (OSU) Airport Noise Study
A-Weighted Sound Levels
Noise Monitoring Site 04

Hour	Monday Feb-16-2004						Tuesday Feb-17-2004						Wednesday Feb-18-2004					
	L01		L50		L99		L01		L50		L99		L01		L50		L99	
	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)
00:00																		
01:00																		
02:00																		
03:00																		
04:00																		
05:00																		
06:00																		
07:00																		
08:00																		
09:00																		
10:00																		
11:00																		
12:00																		
13:00																		
14:00																		
15:00																		
16:00																		
17:00																		
18:00																		
19:00																		
20:00																		
21:00																		
22:00																		
23:00																		
L01, dB(A)	94	71	55	44	43	44	72	70	56	46	42	40	55	45	40	37	34	31
L50, dB(A)	69	75	57	46	41	39	62	73	55	45	40	37	58	69	51	40	39	39
L99, dB(A)	66	71	52	41	36	36	64	72	57	43	37	32	63	68	56	46	42	40
Leq, dB(A)	62	71	56	44	38	37	66	78	61	51	41	37	61	71	60	68	55	46
LN, dB(A)	66	73	59	46	39	37	69	74	70	53	42	39	65	74	61	61	49	42
Lmax, dB(A)	60	74	57	44	40	38	67	77	63	50	40	36	62	73	61	67	49	45
DNL, dB(A)	64	73	50	44	42	40	75	79	64	50	40	36	62	73	61	67	49	45
Lmean, dB(A)	62	74	53	44	42	41	59	71	60	49	43	41	71	74	57	46	43	43
Hours (Day)	61	66	52	45	43	42	61	67	54	43	41	40	65	70	45	44	42	42
Hours (Night)	76	71	47	44	42	41	47	57	46	41	40	39	59	73	57	45	43	41
Hours (Total)	49	60	45	42	40	39	65	73	56	41	39	38	63	65	46	42	40	39
L01, dB(A)	65	68	68	68	68	68	64	64	64	64	64	64	66	66	66	66	66	66
LN, dB(A)	73	73	73	73	73	73	71	71	71	71	71	71	71	71	71	71	71	71
Lmean, dB(A)	68	68	68	68	68	68	67	67	67	67	67	67	67	67	67	67	67	67
Hours (Day)	11	11	11	11	11	11	15	15	15	15	15	15	14	14	14	14	14	14
Hours (Night)	2	2	2	2	2	2	9	9	9	9	9	9	9	9	9	9	9	9
Hours (Total)	13	13	13	13	13	13	24	24	24	24	24	24	23	23	23	23	23	23

Leq, dB(A): Hourly Average Sound Level, in A-Weighted Decibels.
L01, dB(A): Sound Level Exceeded 1 Percent of the Time, in A-Weighted Decibels.
(L01 Represents the Maximum Sound Level)
L10, dB(A): Sound Level Exceeded 10 Percent of the Time, in A-Weighted Decibels.
L50, dB(A): Sound Level Exceeded 50 Percent of the Time, in A-Weighted Decibels.
L90, dB(A): Sound Level Exceeded 90 Percent of the Time, in A-Weighted Decibels.
NOTE: Gray Boxes Indicate Times when the Sound Level Meter was Stopped for Downloading.

L99, dB(A): Sound Level Exceeded 99 Percent of the Time, in A-Weighted Decibels.
(L99 Represents the Minimum Sound Level)
LD, dB(A): Daytime Average Sound Level, in A-Weighted Decibels (07:00-22:00).
LN, dB(A): Nighttime Average Sound Level, in A-Weighted Decibels (22:00-07:00).
DNL, dB(A): Day-Night Average Sound Level, in A-Weighted Decibels.
Lmean, dB(A): Average (over Total Hours) Sound Level, in A-Weighted Decibels.

Ohio State University (OSU) Airport Noise Study
A-Weighted Sound Levels
Noise Monitoring Site 04

Hour	Thursday Feb-19-2004						Friday Feb-20-2004						Saturday Feb-21-2004							
	Leq		L10		L50		L90		L99		Leq		L10		L50		L90		L99	
	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)
00:00	59	73	53	41	39	38	41	39	38	41	44	43	41	39	38	41	39	38	41	39
01:00	63	71	45	41	39	38	62	64	62	64	44	43	41	39	38	41	39	38	41	39
02:00	57	53	44	41	39	38	44	43	41	39	44	43	41	39	38	41	39	38	41	39
03:00	44	57	43	41	39	38	59	57	57	45	41	43	40	38	37	41	39	38	41	39
04:00	49	62	45	42	41	40	44	40	40	46	53	46	40	38	37	41	39	38	41	39
05:00	50	52	52	45	43	41	46	41	40	46	57	48	43	40	38	41	39	38	41	39
06:00	66	74	55	47	44	43	65	67	65	67	67	56	48	45	44	41	39	38	41	39
07:00	66	76	66	55	50	49	43	43	43	68	76	56	48	45	44	41	39	38	41	39
08:00	63	75	66	55	50	49	46	46	46	72	79	57	50	49	48	41	39	38	41	39
09:00	64	72	60	51	47	46	69	74	69	74	69	55	51	49	48	41	39	38	41	39
10:00	63	73	62	48	44	42	42	42	42	94	59	50	48	45	44	41	39	38	41	39
11:00	55	70	57	44	40	39														
12:00	66	76	58	47	42	41														
13:00	55	56	59	49	43	42														
14:00	60	71	64	51	44	42														
15:00	61	71	61	49	45	43														
16:00	68	78	65	54	45	43														
17:00	62	70	61	49	45	44														
18:00	70	81	59	47	45	45														
19:00	63	73	60	49	46	44														
20:00	66	76	61	49	46	45														
21:00	56	69	49	46	45	44														
22:00	60	69	56	45	44	43														
23:00	58	67	55	44	42	41														
L10, dB(A)	65																			
L50, dB(A)	60																			
L90, dB(A)	67																			
L99, dB(A)	63																			
Lmean, dB(A)	15																			
Hours (Day)	9																			
Hours (Night)	9																			
Hours (Total)	24																			

Leq, dB(A): Hourly Average Sound Level, in A-Weighted Decibels.
L01, dB(A): Sound Level Exceeded 1 Percent of the Time, in A-Weighted Decibels.
(L01 Represents the Maximum Sound Level)
L10, dB(A): Sound Level Exceeded 10 Percent of the Time, in A-Weighted Decibels.
L50, dB(A): Sound Level Exceeded 50 Percent of the Time, in A-Weighted Decibels.
L90, dB(A): Sound Level Exceeded 90 Percent of the Time, in A-Weighted Decibels.
L99, dB(A): Sound Level Exceeded 99 Percent of the Time, in A-Weighted Decibels.
(L99 Represents the Minimum Sound Level)
LD, dB(A): Daytime Average Sound Level, in A-Weighted Decibels (07:00-22:00)
LN, dB(A): Nighttime Average Sound Level, in A-Weighted Decibels (22:00-07:00)
DNL, dB(A): Day-Night Average Sound Level, in A-Weighted Decibels.
Lmean, dB(A): Average (over Total Hours) Sound Level, in A-Weighted Decibels.
NOTE: Gray Boxes Indicate Times when the Sound Level Meter was Stopped for Downloading.

Ohio State University (OSU) Airport Noise Study
A-Weighted Sound Levels
Noise Monitoring Site 04

Hour	Sunday Feb-22-2004						Monday Feb-23-2004						Tuesday Feb-24-2004					
	L01	L10	L50	L90	L99	Leq	L01	L10	L50	L90	L99	Leq	L01	L10	L50	L90	L99	
	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)
00:00						39	45	41	38	36	35	58	50	43	40	39	38	
01:00						39	45	41	38	36	34	62	52	42	39	37	36	
02:00						56	66	43	39	36	35	59	57	44	38	36	35	
03:00						47	53	42	39	37	36	63	74	52	41	38	37	
04:00						63	66	46	39	36	35	66	73	53	42	39	37	
05:00						53	64	56	45	41	39	62	68	46	43	41	40	
06:00						50	58	51	47	45	43	62	66	48	46	43	42	
07:00						59	65	55	51	49	48	72	70	49	47	46	46	
08:00						62	66	57	51	48	47	63	69	51	47	45	44	
09:00						70	83	76	48	45	44	94	94	55	46	44	43	
10:00						60	72	66	45	42	42	84	84	52	46	44	43	
11:00						69	74	64	45	42	39	47	55	49	46	44	43	
12:00						94	65	52	45	42	38	71	72	55	47	44	43	
13:00						63	73	61	49	41	40	63	66	54	48	45	43	
14:00						59	71	60	46	39	35	68	73	57	49	45	43	
15:00						64	71	57	46	38	35	70	71	57	47	44	43	
16:00						61	69	60	44	36	35	69	74	57	47	45	44	
17:00						58	68	56	45	39	36	65	69	52	47	45	44	
18:00						63	69	46	40	37	35	62	67	50	46	44	44	
19:00						64	74	50	44	38	36	47	59	70	54	48	44	
20:00						65	66	48	42	39	37	51	54	45	45	43	41	
21:00						59	66	54	43	39	37	66	57	58	48	44	42	
22:00						62	67	47	41	38	37	45	53	47	43	40	39	
23:00						41	47	44	40	37	35	45	51	43	42	39	37	
LD, dB(A)						62	67					67	63	52	42	39	37	
LN, dB(A)						59	65					61	55					
DNL, dB(A)						67	67					69	66					
Lmean, dB(A)						65	65					65	65					
Hours (Day)						9	15					9	13					
Hours (Night)						2	9					9	9					
Hours (Total)						11	24					22	22					

Leq, dB(A): Hourly Average Sound Level, in A-Weighted Decibels.
 L01, dB(A): Sound Level Exceeded 1 Percent of the Time, in A-Weighted Decibels.
 (L01 Represents the Maximum Sound Level)
 L10, dB(A): Sound Level Exceeded 10 Percent of the Time, in A-Weighted Decibels.
 L50, dB(A): Sound Level Exceeded 50 Percent of the Time, in A-Weighted Decibels.
 L90, dB(A): Sound Level Exceeded 90 Percent of the Time, in A-Weighted Decibels.
 L99, dB(A): Sound Level Exceeded 99 Percent of the Time, in A-Weighted Decibels.
 (L99 Represents the Minimum Sound Level)
 LD, dB(A): Daytime Average Sound Level, in A-Weighted Decibels (07:00-22:00).
 LN, dB(A): Nighttime Average Sound Level, in A-Weighted dB (00:00-07:00 and 22:00-24:00).
 DNL, dB(A): Day-Night Average Sound Level, in A-Weighted Decibels.
 Lmean, dB(A): Average (over Total Hours) Sound Level, in A-Weighted Decibels.
 NOTE: Gray Boxes Indicate Times when the Sound Level Meter was Stopped for Downloading.

Ohio State University (OSU) Airport Noise Study
A-Weighted Sound Levels
Noise Monitoring Site 04

Hour	Wednesday Feb-25-2004									
	L01		L10		L50		L90		L99	
	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)
00:00	63	59	43	39	37	36	36	36	36	36
01:00	60	71	50	39	37	36	36	36	36	36
02:00	44	53	42	38	36	35	35	35	35	35
03:00	62	64	44	39	37	35	35	35	35	35
04:00	61	66	48	42	39	38	38	38	38	38
05:00	57	70	59	46	43	42	42	42	42	42
06:00	63	56	50	46	46	46	46	46	46	46
07:00	73	82	63	51	50	48	48	48	48	48
08:00	69	80	60	50	47	46	46	46	46	46
09:00	73	80	62	48	45	43	43	43	43	43
10:00	71	77	57	48	40	39	39	39	39	39
11:00	95	70	46	40	40	39	39	39	39	39
12:00										
13:00										
14:00										
15:00										
16:00										
17:00										
18:00										
19:00										
20:00										
21:00										
22:00										
23:00										
LD, dB(A)	72									
LN, dB(A)	61									
DNL, dB(A)										
Lmean, dB(A)	68									
Hours (Day)	4									
Hours (Night)	7									
Hours (Total)	11									

L01, dB(A): Hourly Average Sound Level, in A-Weighted Decibels.
 L10, dB(A): Sound Level Exceeded 10 Percent of the Time, in A-Weighted Decibels.
 L50, dB(A): Sound Level Exceeded 50 Percent of the Time, in A-Weighted Decibels.
 L90, dB(A): Sound Level Exceeded 90 Percent of the Time, in A-Weighted Decibels.
 L99, dB(A): Sound Level Exceeded 99 Percent of the Time, in A-Weighted Decibels.
 (L99 Represents the Minimum Sound Level)
 LD, dB(A): Daytime Average Sound Level, in A-Weighted Decibels (07:00-22:00).
 LN, dB(A): Nighttime Average Sound Level, in A-Weighted dB (00:00-07:00 and 22:00-24:00).
 DNL, dB(A): Day-Night Average Sound Level, in A-Weighted Decibels.
 Lmean, dB(A): Average (over Total Hours) Sound Level, in A-Weighted Decibels.
 NOTE: Gray Boxes Indicate Times when the Sound Level Meter was Stopped for Downloading.

Ohio State University (OSU) Airport Noise Study
A-Weighted Sound Levels
Noise Monitoring Site 05

Hour	Monday Feb-16-2004						Tuesday Feb-17-2004						Wednesday Feb-18-2004					
	L01		L50		L99		L01		L50		L99		L01		L50		L99	
	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)
00:00																		
01:00																		
02:00																		
03:00																		
04:00																		
05:00																		
06:00																		
07:00																		
08:00																		
09:00																		
10:00																		
11:00																		
12:00																		
13:00																		
14:00																		
15:00																		
16:00																		
17:00																		
18:00																		
19:00																		
20:00																		
21:00																		
22:00																		
23:00																		
LD, dB(A)																		
LN, dB(A)																		
DNL, dB(A)																		
Lmean, dB(A)																		
Hours (Day)																		
Hours (Night)																		
Hours (Total)																		

Leg, dB(A): Hourly Average Sound Level, in A-Weighted Decibels.
L01, dB(A): Sound Level Exceeded 1 Percent of the Time, in A-Weighted Decibels.
(L01 Represents the Maximum Sound Level)
L10, dB(A): Sound Level Exceeded 10 Percent of the Time, in A-Weighted Decibels.
L50, dB(A): Sound Level Exceeded 50 Percent of the Time, in A-Weighted Decibels.
L90, dB(A): Sound Level Exceeded 90 Percent of the Time, in A-Weighted Decibels.
NOTE: Gray Boxes Indicate Times when the Sound Level Meter was Stopped for Downloading.

L99, dB(A): Sound Level Exceeded 99 Percent of the Time, in A-Weighted Decibels.
(L99 Represents the Minimum Sound Level)
LD, dB(A): Daytime Average Sound Level, in A-Weighted Decibels (07:00-22:00).
LN, dB(A): Nighttime Average Sound Level, in A-Weighted Decibels (22:00-07:00 and 22:00-24:00).
DNL, dB(A): Day-Night Average Sound Level, in A-Weighted Decibels.
Lmean, dB(A): Average (over Total Hours) Sound Level, in A-Weighted Decibels.

Ohio State University (OSU) Airport Noise Study
A-Weighted Sound Levels
Noise Monitoring Site 05

Hour	Thursday Feb-19-2004						Friday Feb-20-2004						Saturday Feb-21-2004					
	L10		L50		L90		L10		L50		L90		L10		L50		L90	
	dB(A)	Leq	dB(A)	Leq	dB(A)	Leq	dB(A)	Leq	dB(A)	Leq	dB(A)	Leq	dB(A)	Leq	dB(A)	Leq	dB(A)	Leq
00:00	48	60	46	42	40	39	42	44	43	42	40	39						
01:00	46	58	46	41	39	38	51	61	46	42	40	40						
02:00	43	50	43	41	39	36	49	62	44	41	40	39						
03:00	43	51	44	42	40	39	44	52	45	41	40	39						
04:00	46	56	46	43	41	40	51	60	47	42	40	39						
05:00	49	58	51	47	45	43	52	62	53	45	43	42						
06:00	50	55	52	49	47	45	52	63	55	49	46	45						
07:00	57	66	59	54	51	50	57	68	58	52	50	49						
08:00	53	58	55	53	51	49	58	66	59	52	50	49						
09:00	53	63	54	49	48	47	52	60	54	50	49	48						
10:00	51	61	51	47	44	42	53	60	54	50	49	48						
11:00	47	56	48	44	42	41	53	65	53	50	49	48						
12:00	48	58	52	45	41	40	49	57	51	49	49	49						
13:00	47	57	48	44	42	41	58	65	53	50	49	48						
14:00	50	60	53	46	43	41	52	59	52	50	48	47						
15:00	51	64	51	47	45	43	53	62	53	50	49	48						
16:00	51	59	50	47	45	44	54	63	55	51	50	48						
17:00	49	57	50	47	45	44	51	55	52	50	49	48						
18:00	54	67	53	47	45	44	53	61	53	50	49	48						
19:00	49	58	50	47	45	44	54	63	56	51	49	48						
20:00	54	63	55	47	46	45	51	58	54	49	48	45						
21:00	48	58	48	46	44	43	50	60	53	47	45	42						
22:00	51	63	53	45	43	42	48	55	50	46	43	42						
23:00	50	62	54	43	41	40	46	55	48	43	40	39						
LD, dB(A)	52						54											
LN, dB(A)	49						49											
DNL, dB(A)	57						57											
Lmean, dB(A)	51						53											
Hours (Day)	15						9											
Hours (Night)	9						9											
Hours (Total)	24						23											

Leq, dB(A): Hourly Average Sound Level, in A-Weighted Decibels.
L01, dB(A): Sound Level Exceeded 1 Percent of the Time, in A-Weighted Decibels.
(L01 Represents the Maximum Sound Level)
L10, dB(A): Sound Level Exceeded 10 Percent of the Time, in A-Weighted Decibels.
L50, dB(A): Sound Level Exceeded 50 Percent of the Time, in A-Weighted Decibels.
L90, dB(A): Sound Level Exceeded 90 Percent of the Time, in A-Weighted Decibels.
NOTE: Gray Boxes Indicate Times when the Sound Level Meter was Stopped for Downloading.

LD, dB(A): Daytime Average Sound Level, in A-Weighted Decibels (07:00-22:00).
LN, dB(A): Nighttime Average Sound Level, in A-Weighted dB (00:00-07:00 and 22:00-24:00).
DNL, dB(A): Day-Night Average Sound Level, in A-Weighted Decibels.
Lmean, dB(A): Average (over Total Hours) Sound Level, in A-Weighted Decibels.

L99, dB(A): Sound Level Exceeded 99 Percent of the Time, in A-Weighted Decibels.
(L99 Represents the Minimum Sound Level)
L0, dB(A): Daytime Average Sound Level, in A-Weighted Decibels (07:00-22:00).
LN, dB(A): Nighttime Average Sound Level, in A-Weighted dB (00:00-07:00 and 22:00-24:00).
DNL, dB(A): Day-Night Average Sound Level, in A-Weighted Decibels.
Lmean, dB(A): Average (over Total Hours) Sound Level, in A-Weighted Decibels.



Ohio State University (OSU) Airport Noise Study
A-Weighted Sound Levels
Noise Monitoring Site 05

Hour	Sunday Feb-22-2004					Monday Feb-23-2004					Tuesday Feb-24-2004				
	Leq	L01	L10	L50	L99	Leq	L01	L10	L50	L99	Leq	L01	L10	L50	L99
	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)
00:00						38	42	40	38	35	35	40	42	40	37
01:00						38	44	40	37	35	34	40	46	42	37
02:00						40	50	41	38	35	35	49	56	40	37
03:00						42	50	42	38	35	33	45	57	46	39
04:00						54	60	47	39	37	36	50	60	46	38
05:00						56	67	57	44	40	36	43	49	45	42
06:00						51	60	50	47	44	43	47	56	47	45
07:00						53	63	52	50	49	48	48	56	50	47
08:00						55	64	55	50	48	47	48	55	50	47
09:00						52	63	53	48	45	44	49	58	49	46
10:00						62	63	53	46	43	42	48	56	51	46
11:00						49	62	48	41	38	37	42	48	46	44
12:00						48	57	51	43	39	37	47	54	50	46
13:00						45	54	48	41	39	37	47	55	48	44
14:00						45	54	45	40	38	36	49	60	50	45
15:00						46	58	45	39	36	34	49	60	50	45
16:00						45	55	45	40	38	36	57	62	47	41
17:00						48	60	49	41	36	34	66	68	57	45
18:00						41	50	44	40	37	34	58	63	54	43
19:00						49	62	50	42	39	36	47	58	51	46
20:00						44	54	44	41	39	37	44	50	45	44
21:00						46	57	46	40	38	36	45	56	45	43
22:00						41	47	42	40	38	37	43	48	44	42
23:00						43	53	41	36	35	35	43	46	44	42
L1, dB(A)	47					53	52	45	41	41	40	49	62	50	37
L1, dB(A)	42					50	49	46	41	40	39	46	58	46	36
DNL, dB(A)	46					57	57	46	41	40	39	48	62	49	36
Lmean, dB(A)	46					52	52	46	41	40	39	48	62	49	36
Hours (Day)	11					15	15	13	13	13	13	9	9	9	9
Hours (Night)	2					9	9	9	9	9	9	9	9	9	9
Hours (Total)	13					24	24	22	22	22	22	18	18	18	18

Leq, dB(A): Hourly Average Sound Level, in A-Weighted Decibels.
L01, dB(A): Sound Level Exceeded 1 Percent of the Time, in A-Weighted Decibels.
(L01 Represents the Maximum Sound Level)
L10, dB(A): Sound Level Exceeded 10 Percent of the Time, in A-Weighted Decibels.
L50, dB(A): Sound Level Exceeded 50 Percent of the Time, in A-Weighted Decibels.
L90, dB(A): Sound Level Exceeded 90 Percent of the Time, in A-Weighted Decibels.
NOTE: Gray Boxes Indicate Times when the Sound Level Meter was Stopped for Downloading.

L99, dB(A): Sound Level Exceeded 99 Percent of the Time, in A-Weighted Decibels.
(L99 Represents the Minimum Sound Level)
L1, dB(A): Daytime Average Sound Level, in A-Weighted Decibels (07:00-22:00).
L1, dB(A): Nighttime Average Sound Level, in A-Weighted dB (00:00-07:00 and 22:00-24:00).
Lmean, dB(A): Average (over Total Hours) Sound Level, in A-Weighted Decibels.