



## Seattle Tacoma International Airport

### Average Aircraft Noise Level (SEL)

Between 4/1/2009 12:00:00 AM and 6/30/2009 11:59:59 PM (Local Time)

Single Event Noise (SEL): The total noise emitted by one over-flight or aircraft. Each single event will have a total noise level over the duration of the event called SEL (Sound Exposure Level) and a peak, which is the highest noise level reached by that event. It is important to distinguish single event noise levels from cumulative noise levels such as DNL. Single event noise level numbers are often higher than DNL numbers because DNL represents an average noise level over a period of time, generally a whole year.

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: Maple Leaf Reservoir #3</b>				
B744	Boeing - 747-400	91.4	86.0	140
B738	Boeing - 737-800	89.8	94.7	368
DH8D	Dehavilland - Dash 8, DHC8 - 400	89.8	95.4	213
A320	Airbus - A320	89.8	98.2	152
	N/A	88.5	95.5	121
B752	Boeing - 757-200	87.7	92.5	96
A319	Airbus - A319	87.3	84.8	68
B737	Boeing - 737-700	87.1	97.0	207
MD11	Mcdonnell-Douglas - MD-11	86.1	83.3	22
B733	Boeing - 737-300	85.9	88.2	77
B772	Boeing - 777-200	85.9	83.5	15
LJ35	Gates Learjet - Learjet 35, 36	85.6	85.6	1
E120	Embraer - Brasilia EMB-120	85.2	93.9	15



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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: Maple Leaf Reservoir #3</b>				
B763	Boeing - 767-300	85.2	88.7	20
A333	Airbus - A330-300	85.0	82.4	51
B753	Boeing - 757-300	84.1	88.4	50
B739	Boeing - 737-900	83.1	85.5	112
DC10	Mcdonnell-Douglas - DC-10 (all series)	82.9	83.3	33
A332	Airbus - A330-200	82.9	83.9	29
MD83	Mcdonnell-Douglas - MD-80 Series	82.7	85.9	129
CRJ7	Bombardier - Canada Regional Jet 700	82.7	87.1	63
DH8C	Dehavilland - Dash 8, DHC8 - 300	81.8	87.8	15
B734	Boeing - 737-400	81.8	89.4	205
B735	Boeing - 737-500	81.4	82.4	11
H25B	British Aerospace (BAe) - BAe HS 125 Series 700/800	81.4	80.0	2
B742	Boeing - 747-200	81.2	82.9	2



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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: Maple Leaf Reservoir #3</b>				
A321	Airbus - A321	81.1	85.3	45
E190	Embraer - EMB-190	80.8	87.5	8
B712	Boeing - 717-200	80.7	85.5	6
GLEX	Bombardier BD-700 Global Express	80.3	80.3	1
A343	Airbus - A340-300	80.1	85.0	34
CL60	Canadair Bombardier - CL600/610 Challenger	80.0	80.0	1
CRJ9	Bombardier - Canada Regional Jet 900	79.3	83.1	10
C208	Cessna - Caravan 1- 208,(Super)	79.3	79.3	1
B77W	N/A	77.9	79.9	7
MD10	Mcdonnell-Douglas - DC-10	77.8	81.0	12
A306	Airbus - A300B4-600	77.8	82.0	16
MD90	Mcdonnell-Douglas - MD-90	77.0	78.9	7
CRJ1	Bombardier - Canada Regional Jet 100	76.7	76.7	1



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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: Maple Leaf Reservoir #3</b>				
MD82	Mcdonnell-Douglas - MD-80 Series	76.3	78.5	2
A300	Airbus - A300	75.4	77.6	2
C750	Cessna - Citation 10	74.2	74.2	1
B767	N/A	73.8	73.8	1
<b>Location: Magnolia Elementary School # 4</b>				
B772	Boeing - 777-200	91.0	89.2	6
B744	Boeing - 747-400	88.8	92.6	28
E120	Embraer - Brasilia EMB-120	85.9	89.9	3
A320	Airbus - A320	84.5	89.4	44
B738	Boeing - 737-800	83.8	98.3	98
B742	Boeing - 747-200	83.4	83.4	1
	N/A	83.2	90.4	13
DC10	Mcdonnell-Douglas - DC-10 (all series)	82.6	80.7	9



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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: Magnolia Elementary School - noise monitor # 4</b>				
A319	Airbus - A319	82.5	81.5	53
B737	Boeing - 737-700	81.8	84.4	59
CRJ7	Bombardier - Canada Regional Jet 700	81.6	85.1	17
A333	Airbus - A330-300	81.6	83.9	4
B743	Boeing - 747-300	81.3	81.3	1
B763	Boeing - 767-300	81.2	81.7	36
DH8D	Dehavilland - Dash 8, DHC8 - 400	80.6	88.4	31
DH8C	Dehavilland - Dash 8, DHC8 - 300	80.6	81.5	2
B734	Boeing - 737-400	80.4	93.4	75
MD11	Mcdonnell-Douglas - MD-11	80.4	84.0	17
AT43	Aerospatiale/Aeritalia - ATR-42-200/300/320	80.1	81.3	2
MD83	Mcdonnell-Douglas - MD-80 Series	79.9	81.9	3



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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: Magnolia Elementary School # 4</b>				
B733	Boeing - 737-300	79.8	89.2	17
DH8A	Dehavilland - Dash 8, DHC8 - 100	79.4	79.4	1
MD10	Mcdonnell-Douglas - DC-10	79.3	77.4	2
A321	Airbus - A321	78.7	76.2	3
B739	Boeing - 737-900	78.7	83.5	56
A332	Airbus - A330-200	78.6	78.6	1
B753	Boeing - 757-300	78.1	78.9	16
B752	Boeing - 757-200	77.9	80.8	17
PA31	Piper - Chieftan, Mohave, Navajo, T-1020	77.8	77.8	1
B77W	N/A	77.2	77.8	2
B735	Boeing - 737-500	72.4	72.4	1



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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: Medina Elementary School #5</b>				
B744	Boeing - 747-400	87.3	84.7	16
B742	Boeing - 747-200	84.7	84.7	1
MD83	Mcdonnell-Douglas - MD-80 Series	84.4	85.2	84
MD82	Mcdonnell-Douglas - MD-80 Series	83.1	83.1	1
B763	Boeing - 767-300	81.9	80.8	12
B738	Boeing - 737-800	80.9	79.2	75
A343	Airbus - A340-300	80.0	80.0	1
A320	Airbus - A320	79.8	76.0	11
B737	Boeing - 737-700	78.8	81.6	14
A333	Airbus - A330-300	78.7	78.7	1
A321	Airbus - A321	78.6	82.7	4
B739	Boeing - 737-900	77.9	79.6	29
B752	Boeing - 757-200	77.2	79.0	5



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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: Medina Elementary School #5</b>				
B753	Boeing - 757-300	77.0	76.2	7
MD10	Mcdonnell-Douglas - DC-10	76.3	78.8	8
DC10	Mcdonnell-Douglas - DC-10 (all series)	75.7	79.0	13
	N/A	75.5	77.1	5
A319	Airbus - A319	75.2	76.7	18
B735	Boeing - 737-500	75.2	78.7	3
E190	Embraer - EMB-190	75.0	75.0	1
B734	Boeing - 737-400	73.9	76.8	4
B733	Boeing - 737-300	73.6	72.7	6
A306	Airbus - A300B4-600	73.6	73.6	1
DH8D	Dehavilland - Dash 8, DHC8 - 400	73.5	81.6	38
CRJ7	Bombardier - Canada Regional Jet 700	73.4	72.1	4
MD90	Mcdonnell-Douglas - MD-90	71.0	72.7	2



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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: Medina Elementary School #5</b>				
E120	Embraer - Brasilia EMB-120	69.1	70.0	2
<b>Location: Hamilton Viewpoint Park #6</b>				
B744	Boeing - 747-400	89.8	87.5	43
A320	Airbus - A320	88.7	91.8	23
MD11	Mcdonnell-Douglas - MD-11	88.5	88.2	3
MD83	Mcdonnell-Douglas - MD-80 Series	87.6	86.0	12
MD82	Mcdonnell-Douglas - MD-80 Series	87.1	85.8	2
B737	Boeing - 737-700	85.4	90.9	20
DC10	Mcdonnell-Douglas - DC-10 (all series)	84.2	82.8	19
A333	Airbus - A330-300	84.0	83.0	2
CRJ7	Bombardier - Canada Regional Jet 700	83.9	85.3	4
B753	Boeing - 757-300	82.9	89.3	6
DH8D	Dehavilland - Dash 8, DHC8 - 400	82.8	91.9	13



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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: Hamilton Viewpoint Park #6</b>				
B772	Boeing - 777-200	82.2	77.2	7
E120	Embraer - Brasilia EMB-120	81.9	81.9	1
B763	Boeing - 767-300	81.6	82.3	14
B738	Boeing - 737-800	81.5	86.1	54
MD10	Mcdonnell-Douglas - DC-10	81.5	79.3	4
A321	Airbus - A321	81.4	80.9	41
B739	Boeing - 737-900	80.4	83.4	29
B733	Boeing - 737-300	79.5	80.4	8
B735	Boeing - 737-500	79.3	79.3	1
N/A	79.3	83.6	25	
B752	Boeing - 757-200	78.8	77.1	8
A319	Airbus - A319	78.5	81.2	3



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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: Hamilton Viewpoint Park #6</b>				
B77W	N/A	78.4	82.2	16
A332	Airbus - A330-200	77.9	79.3	4
A306	Airbus - A300B4-600	77.5	77.5	1
C56X	Cessna - Citation Excel	76.8	76.8	1
B734	Boeing - 737-400	76.5	85.2	38
PC12	Pilatus Flugzeugwerke Ag - PC-12	74.4	74.4	1
<b>Location: Central Area Senior Center # 7</b>				
B744	Boeing - 747-400	91.9	89.0	267
C25B	Cessna Citation Bravo	89.5	89.5	1
MD83	Mcdonnell-Douglas - MD-80 Series	88.9	90.4	491
B742	Boeing - 747-200	88.7	88.0	3
	N/A	87.4	99.8	254
B738	Boeing - 737-800	87.3	97.8	1,721



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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: Central Area Senior Center # 7</b>				
B763	Boeing - 767-300	86.7	90.3	66
PC12	Pilatus Flugzeugwerke Ag - PC-12	86.3	86.3	1
B752	Boeing - 757-200	86.2	94.0	705
B737	Boeing - 737-700	85.5	98.5	935
B739	Boeing - 737-900	85.1	100.6	475
A320	Airbus - A320	84.6	92.1	576
A319	Airbus - A319	84.6	100.7	379
MD11	Mcdonnell-Douglas - MD-11	84.6	85.6	66
B734	Boeing - 737-400	84.4	88.2	723
CRJ7	Bombardier - Canada Regional Jet 700	84.3	97.0	171
DC10	Mcdonnell-Douglas - DC-10 (all series)	83.7	83.9	99
B733	Boeing - 737-300	83.6	84.7	360

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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: Central Area Senior Center # 7</b>				
MD82	Mcdonnell-Douglas - MD-80 Series	83.6	86.6	12
MD10	Mcdonnell-Douglas - DC-10	83.5	82.4	36
A343	Airbus - A340-300	82.6	85.9	44
B735	Boeing - 737-500	82.6	85.4	99
B753	Boeing - 757-300	82.4	87.2	170
A333	Airbus - A330-300	82.4	85.5	161
B747	Boeing - 747-200F	81.5	81.5	1
B764	N/A	81.5	81.5	2
B772	Boeing - 777-200	81.4	85.7	55
E190	Embraer - EMB-190	81.4	80.5	34
A321	Airbus - A321	81.3	82.9	76
A332	Airbus - A330-200	81.3	84.3	56



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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: Central Area Senior Center # 7</b>				
CRJ2	Bombardier - Canada Regional Jet 200	81.1	85.2	12
E120	Embraer - Brasilia EMB-120	80.9	95.3	41
MD90	Mcdonnell-Douglas - MD-90	80.8	93.2	47
A306	Airbus - A300B4-600	78.7	85.2	33
DH8D	Dehavilland - Dash 8, DHC8 - 400	78.6	100.5	533
FA50	Dassault-Breguet - Falcon 50, Mystere 50 (T-16)	78.4	79.9	2
F900	Dassault-Breguet - Falcon 900, Mystere 900 (T-18)	78.0	78.0	1
B743	Boeing - 747-300	77.9	78.9	2
C208	Cessna - Caravan 1- 208	77.5	81.5	3
C402	Cessna - Cessna 401, 402, Utiliner, Businessliner	76.9	76.9	1
A300	Airbus - A300	76.6	80.0	6
A30B	Airbus - A300B2	76.5	76.5	1
C560	Cessna - Citation 5	76.5	76.6	4

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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: Central Area Senior Center # 7</b>				
B712	Boeing - 717-200	76.2	76.4	26
H25B	British Aerospace (BAe) - BAe HS 125 Series 700/800	76.1	75.0	2
LJ35	Gates Learjet - Learjet 35, 36	75.6	75.6	1
DH8C	Dehavilland - Dash 8, DHC8 - 300	74.4	81.2	18
CL30	Bombardier Challenger 300	74.2	76.0	2
CRJ9	Bombardier - Canada Regional Jet 900	73.8	78.6	19
B77W	N/A	72.8	75.3	3
DC93	N/A	72.6	72.6	1
C750	Cessna - Citation 10	71.7	71.7	1
AT43	Aerospatiale/Aeritalia - ATR-42-200/300/320	71.6	71.6	1
DH8A	Dehavilland - Dash 8, DHC8 - 100	71.0	71.3	2
P337	Cessna - Pressurized Skymaster T337G, P337	70.7	70.7	1



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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: Central Area Senior Center # 7</b>				
CRJ1	Bombardier - Canada Regional Jet 100	70.5	71.1	2
<b>Location: Mercer View Community Center # 8</b>				
B744	Boeing - 747-400	88.0	85.6	19
B742	Boeing - 747-200	84.5	84.5	1
MD83	Mcdonnell-Douglas - MD-80 Series	83.6	85.6	219
B737	Boeing - 737-700	83.0	89.9	204
B752	Boeing - 757-200	82.8	80.5	43
A320	Airbus - A320	82.7	80.2	81
B738	Boeing - 737-800	82.6	86.2	344
MD82	Mcdonnell-Douglas - MD-80 Series	82.0	84.2	5
A321	Airbus - A321	81.8	81.5	23
B753	Boeing - 757-300	81.2	83.4	23
A319	Airbus - A319	80.7	87.4	95



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Single Event Noise (SEL): The total noise emitted by one over-flight or aircraft. Each single event will have a total noise level over the duration of the event called SEL (Sound Exposure Level) and a peak, which is the highest noise level reached by that event. It is important to distinguish single event noise levels from cumulative noise levels such as DNL. Single event noise level numbers are often higher than DNL numbers because DNL represents an average noise level over a period of time, generally a whole year.

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: Mercer View Community Center # 8</b>				
A333	Airbus - A330-300	80.3	80.3	1
B734	Boeing - 737-400	80.2	81.7	116
B733	Boeing - 737-300	80.1	85.0	96
B739	Boeing - 737-900	79.8	84.6	105
A306	Airbus - A300B4-600	79.8	82.7	3
E190	Embraer - EMB-190	79.5	81.3	6
CRJ2	Bombardier - Canada Regional Jet 200	79.4	79.5	2
B735	Boeing - 737-500	79.4	79.6	32
C560	Cessna - Citation 5	78.8	78.8	1
A343	Airbus - A340-300	78.8	80.4	2
MD10	Mcdonnell-Douglas - DC-10	78.7	78.9	8
B763	Boeing - 767-300	78.7	80.3	23
	N/A	78.2	87.9	23

## Seattle Tacoma International Airport

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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: Mercer View Community Center # 8</b>				
E120	Embraer - Brasilia EMB-120	78.1	80.4	3
CRJ7	Bombardier - Canada Regional Jet 700	77.8	84.4	66
B764	N/A	77.8	77.8	1
DH8D	Dehavilland - Dash 8, DHC8 - 400	77.7	83.8	167
DC10	Mcdonnell-Douglas - DC-10 (all series)	76.8	82.3	27
MD90	Mcdonnell-Douglas - MD-90	75.1	78.4	18
DH8C	Dehavilland - Dash 8, DHC8 - 300	72.7	72.7	1
CRJ9	Bombardier - Canada Regional Jet 900	72.4	75.6	5
C402	Cessna - Cessna 401, 402, Utiliner, Businessliner	71.7	71.7	1
FA50	Dassault-Breguet - Falcon 50, Mystere 50 (T-16)	70.9	70.9	1
MD11	Mcdonnell-Douglas - MD-11	67.0	67.0	1



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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: Beacon Hill Reservoir # 9</b>				
B744	Boeing - 747-400	98.6	102.0	371
E120	Embraer - Brasilia EMB-120	96.2	95.9	80
	N/A	95.0	95.9	470
B742	Boeing - 747-200	93.3	91.5	3
DC10	Mcdonnell-Douglas - DC-10 (all series)	92.7	92.7	159
MD11	Mcdonnell-Douglas - MD-11	92.1	93.5	84
MD83	Mcdonnell-Douglas - MD-80 Series	92.0	97.3	670
B737	Boeing - 737-700	91.8	100.8	1,884
B738	Boeing - 737-800	91.4	97.9	3,184
A319	Airbus - A319	91.1	99.8	653
B772	Boeing - 777-200	90.9	91.3	167
B752	Boeing - 757-200	90.7	100.9	1,004
A320	Airbus - A320	90.6	94.6	996



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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: Beacon Hill Reservoir # 9</b>				
B763	Boeing - 767-300	90.3	88.7	234
A343	Airbus - A340-300	90.0	89.9	55
A333	Airbus - A330-300	90.0	97.1	226
B739	Boeing - 737-900	89.6	95.9	1,057
B734	Boeing - 737-400	89.5	97.1	1,620
B733	Boeing - 737-300	89.0	94.0	554
B762	Boeing - 767-200	88.4	86.6	2
B743	Boeing - 747-300	88.2	88.8	2
A332	Airbus - A330-200	88.1	91.7	85
LJ35	Gates Learjet - Learjet 35, 36	88.1	85.4	3
C56X	Cessna - Citation Excel	88.0	87.3	2
B753	Boeing - 757-300	88.0	94.5	396
CRJ7	Bombardier - Canada Regional Jet 700	87.6	102.6	473



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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: Beacon Hill Reservoir # 9</b>				
MD10	Mcdonnell-Douglas - DC-10	87.5	88.0	57
B747	Boeing - 747-200F	87.4	87.4	1
FA50	Dassault-Breguet - Falcon 50, Mystere 50 (T-16)	87.1	83.2	4
H25B	British Aerospace (BAe) - BAe HS 125 Series 700/800	87.0	85.2	4
CRJ2	Bombardier - Canada Regional Jet 200	86.9	91.0	28
A321	Airbus - A321	86.9	91.2	168
CRJ9	Bombardier - Canada Regional Jet 900	86.6	93.5	23
MD82	Mcdonnell-Douglas - MD-80 Series	86.5	89.7	14
B735	Boeing - 737-500	86.4	88.2	137
E190	Embraer - EMB-190	86.1	86.7	42
P337	Cessna - Pressurized Skymaster T337G, P337	86.0	86.0	1
CL30	Bombardier Challenger 300	85.9	85.9	1
C414	Cessna - Chancellor 414, Rocket Power	85.2	85.2	1



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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: Beacon Hill Reservoir # 9</b>				
H25C	British Aerospace (BAe) - BAe HS 125 Series 1000	85.0	85.0	1
C560	Cessna - Citation 5	84.8	85.6	4
A306	Airbus - A300B4-600	84.7	89.2	56
DH8D	Dehavilland - Dash 8, DHC8 - 400	84.4	99.2	1,284
AT43	Aerospatiale/Aeritalia - ATR-42-200/300/320	84.2	91.0	10
B712	Boeing - 717-200	84.0	90.6	21
CRJ1	Bombardier - Canada Regional Jet 100	83.9	85.4	2
B77W	N/A	83.5	86.6	38
A30B	Airbus - A300B2	83.4	83.4	1
B764	N/A	83.3	84.2	2
C650	Cessna - Citation 3/6/7	83.2	83.2	1
F900	Dassault-Breguet - Falcon 900, Mystere 900 (T-18)	83.0	83.0	1
C750	Cessna - Citation 10	82.7	85.0	2



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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: Beacon Hill Reservoir # 9</b>				
P28A	Piper - Cherokee, Archer, Warrior, Cadet, Cruiser	82.7	82.7	1
A300	Airbus - A300	82.7	86.5	8
BE36	Beech - Bonanza 36	82.4	82.4	1
DH8A	Dehavilland - Dash 8, DHC8 - 100	82.3	83.8	2
DH8C	Dehavilland - Dash 8, DHC8 - 300	82.2	91.9	48
C680	Cessna Citation Sovereign	82.2	82.6	2
B767	N/A	82.0	83.5	2
DC93	N/A	82.0	82.0	1
SW4	Fairchild - Metro, Merlin 4	82.0	82.0	1
MD90	Mcdonnell-Douglas - MD-90	82.0	85.9	54
C208	Cessna - Caravan 1- 208	81.4	81.4	1
GALX	Gulfstream G200	81.3	81.3	1
AT72	Aerospatiale/Aeritalia - ATR-72	81.2	81.2	1



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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: Beacon Hill Reservoir # 9</b>				
BE99	Beech - Airliner99	81.1	81.1	1
PC12	Pilatus Flugzeugwerke Ag - PC-12	80.4	80.4	1
BE9T	Beech - Beech F90 King Air	80.2	80.2	1
BE20	Beech - Super King Air 200, 1300	79.8	79.8	1
BE40	Beech - Beechjet 400/T-1 Jayhawk	79.6	79.6	1
PA31	Piper - Chieftan, Mohave, Navajo, T-1020	78.8	80.4	2

**Location: Brighton Playfield at 39<sup>th</sup> Ave s & S Juneau Street #10**

B744	Boeing - 747-400	91.2	86.8	155
B752	Boeing - 757-200	91.0	104.3	513
CRJ9	Bombardier - Canada Regional Jet 900	88.4	98.0	17
E120	Embraer - Brasilia EMB-120	87.3	105.3	94
A320	Airbus - A320	87.2	101.4	353



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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: Brighton Playfield at 39<sup>th</sup> Ave s &amp; S Juneau Street #10</b>				
MD83	Mcdonnell-Douglas - MD-80 Series	85.5	95.4	349
	N/A	84.7	88.8	281
A319	Airbus - A319	84.5	91.9	274
FA50	Dassault-Breguet - Falcon 50, Mystere 50 (T-16)	84.4	81.5	4
B737	Boeing - 737-700	84.4	95.9	913
B738	Boeing - 737-800	84.3	91.6	1,364
B763	Boeing - 767-300	84.1	88.8	98
MD11	Mcdonnell-Douglas - MD-11	84.0	88.7	27
B772	Boeing - 777-200	83.9	90.9	91
CRJ7	Bombardier - Canada Regional Jet 700	83.4	90.8	244
B734	Boeing - 737-400	83.2	93.3	921
B739	Boeing - 737-900	83.0	98.8	443



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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: Brighton Playfield at 39<sup>th</sup> Ave s &amp; S Juneau Street #10</b>				
PC12	Pilatus Flugzeugwerke Ag - PC-12	82.8	82.2	2
C560	Cessna - Citation 5	82.8	82.5	2
A332	Airbus - A330-200	82.8	90.1	28
B742	Boeing - 747-200	82.7	82.5	2
A321	Airbus - A321	82.2	96.6	51
B733	Boeing - 737-300	82.1	93.8	415
DC10	Mcdonnell-Douglas - DC-10 (all series)	81.5	87.0	72
A333	Airbus - A330-300	81.3	92.6	101
DH8D	Dehavilland - Dash 8, DHC8 - 400	81.1	92.8	720
MD82	Mcdonnell-Douglas - MD-80 Series	81.0	84.0	10
AT72	Aerospatiale/Aeritalia - ATR-72	80.7	80.7	1
C208	Cessna - Caravan 1- 208,(Super) Cargomaster, Grand Caravan (U27)		80.7	80.7 1



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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: Brighton Playfield at 39<sup>th</sup> Ave s &amp; S Juneau Street #10</b>				
BE40	Beech - Beechjet 400/T-1 Jayhawk	80.4	80.4	1
B735	Boeing - 737-500	80.2	83.1	86
B712	Boeing - 717-200	80.0	88.6	19
MD10	Mcdonnell-Douglas - DC-10	80.0	81.0	24
B753	Boeing - 757-300	80.0	87.3	124
A343	Airbus - A340-300	79.3	88.3	30
B767	N/A	79.2	79.2	1
A300	Airbus - A300	78.5	79.7	6
CRJ2	Bombardier - Canada Regional Jet 200	78.5	81.3	24
DH8C	Dehavilland - Dash 8, DHC8 - 300	78.2	88.9	38
SW4	Fairchild - Metro, Merlin 4	77.8	77.8	1
B764	N/A	77.4	78.7	2



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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: Brighton Playfield at 39<sup>th</sup> Ave s &amp; S Juneau Street #10</b>				
MD90	Mcdonnell-Douglas - MD-90	77.2	82.3	25
AT43	Aerospatiale/Aeritalia - ATR-42-200/300/320	76.8	82.0	14
E190	Embraer - EMB-190	76.7	82.3	35
DH8A	Dehavilland - Dash 8, DHC8 - 100	76.6	78.6	2
C750	Cessna - Citation 10	76.5	73.9	2
A306	Airbus - A300B4-600	76.1	79.2	23
H25B	British Aerospace (BAe) - BAe HS 125 Series 700/800	76.0	76.0	1
B77W	N/A	75.9	80.2	28
CRJ1	Bombardier - Canada Regional Jet 100	75.2	78.9	9
C56X	Cessna - Citation Excel	74.5	74.5	1
F2TH	Dassault-Breguet - Falcon 2000	74.4	74.4	1
BE9T	Beech - Beech F90 King Air	72.9	72.9	1



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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: Brighton Playfield at 39<sup>th</sup> Ave s &amp; S Juneau Street #10</b>				
C414	Cessna - Chancellor 414, Rocket Power	72.7	74.4	2
H25C	British Aerospace (BAe) - BAe HS 125 Series 1000	72.3	72.3	1
LJ40	N/A	72.2	72.2	1
BE20	Beech - Super King Air 200, 1300	71.4	71.9	2
P28A	Piper - Cherokee, Archer, Warrior, Cadet, Cruiser	71.4	71.4	1
CARJ	Canadair Bombardier - REGIONAL JET	70.7	70.7	1
C680	Cessna Citation Sovereign	70.6	70.6	1
C421	Cessna - Golden Eagle 421	70.1	70.1	1
C402	Cessna - Cessna 401, 402, Utiliner, Businessliner	68.8	68.9	2

#### Location: Beverly Park School # 11

B744	Boeing - 747-400	102.6	98.6	412
	N/A	98.4	97.9	918
B742	Boeing - 747-200	98.1	96.9	3



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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: Beverly Park School # 11</b>				
DC10	Mcdonnell-Douglas - DC-10 (all series)	96.2	93.6	183
MD11	Mcdonnell-Douglas - MD-11	96.0	95.8	103
B763	Boeing - 767-300	95.7	92.7	326
MD83	Mcdonnell-Douglas - MD-80 Series	95.2	97.5	1,053
B772	Boeing - 777-200	95.2	92.0	241
B738	Boeing - 737-800	95.0	95.6	5,799
MD82	Mcdonnell-Douglas - MD-80 Series	95.0	94.4	22
B737	Boeing - 737-700	94.2	98.1	4,374
A320	Airbus - A320	94.1	100.7	1,621
B733	Boeing - 737-300	94.1	93.7	1,148
B752	Boeing - 757-200	94.1	97.3	2,386
B734	Boeing - 737-400	93.6	96.1	2,804
A333	Airbus - A330-300	93.5	92.6	274



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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: Beverly Park School # 11</b>				
B739	Boeing - 737-900	93.0	93.6	1,669
A319	Airbus - A319	92.8	91.3	1,134
MD10	Mcdonnell-Douglas - DC-10	92.4	94.2	69
A343	Airbus - A340-300	91.7	92.4	64
PC12	Pilatus Flugzeugwerke Ag - PC-12	91.6	89.8	2
P337	Cessna - Pressurized Skymaster T337G, P337	91.2	89.9	2
B753	Boeing - 757-300	91.1	99.7	666
A321	Airbus - A321	90.7	91.9	227
A332	Airbus - A330-200	90.4	91.7	106
P46T	Piper - Malibu Meridian	90.3	90.3	1
E120	Embraer - Brasilia EMB-120	90.1	94.5	548
LJ35	Gates Learjet - Learjet 35, 36	90.0	87.7	3
B735	Boeing - 737-500	89.7	92.6	273



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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: Beverly Park School # 11</b>				
B743	Boeing - 747-300	89.2	92.0	3
FA50	Dassault-Breguet - Falcon 50, Mystere 50 (T-16)	88.8	88.1	22
SW4	Fairchild - Metro, Merlin 4	88.5	88.5	1
F900	Dassault-Breguet - Falcon 900, Mystere 900 (T-18)	88.5	88.0	2
B762	Boeing - 767-200	88.2	87.1	2
A300	Airbus - A300	88.1	87.7	14
H25B	British Aerospace (BAe) - BAe HS 125 Series 700/800	88.1	85.3	14
B767	N/A	88.0	89.0	2
B77W	N/A	87.9	91.6	46
E190	Embraer - EMB-190	87.8	87.9	71
B747	Boeing - 747-200F	87.5	87.5	1
MD90	Mcdonnell-Douglas - MD-90	87.4	87.9	127

## Seattle Tacoma International Airport

### Average Aircraft Noise Level (SEL)

Between 4/1/2009 12:00:00 AM and 6/30/2009 11:59:59 PM (Local Time)

Single Event Noise (SEL): The total noise emitted by one over-flight or aircraft. Each single event will have a total noise level over the duration of the event called SEL (Sound Exposure Level) and a peak, which is the highest noise level reached by that event. It is important to distinguish single event noise levels from cumulative noise levels such as DNL. Single event noise level numbers are often higher than DNL numbers because DNL represents an average noise level over a period of time, generally a whole year.

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: Beverly Park School # 11</b>				
CL30	Bombardier Challenger 300	87.4	86.5	2
C414	Cessna - Chancellor 414, Rocket Power	86.8	86.8	1
DH8D	Dehavilland - Dash 8, DHC8 - 400	86.5	101.3	4,967
B764	N/A	86.5	86.6	2
CL60	Canadair Bombardier - CL600/610 Challenger	86.4	85.8	2
PA34	Piper - Seneca 2/3	86.3	86.3	1
BE99	Beech - Airliner99	86.0	88.6	2
CRJ7	Bombardier - Canada Regional Jet 700	85.7	97.9	1,799
A306	Airbus - A300B4-600	85.5	91.4	77
GLF3	Gulfstream - Gulfstream 3	85.5	85.5	1
AT72	Aerospatiale/Aeritalia - ATR-72	85.5	88.9	8
MD88	Mcdonnell-Douglas - MD-80 Series	84.8	84.8	1



## Seattle Tacoma International Airport

### Average Aircraft Noise Level (SEL)

Between 4/1/2009 12:00:00 AM and 6/30/2009 11:59:59 PM (Local Time)

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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: Beverly Park School # 11</b>				
DC93	N/A	84.7	84.7	1
P28A	Piper - Cherokee, Archer, Warrior, Cadet, Cruiser	84.7	84.7	1
CARJ	Canadair Bombardier - REGIONAL JET	84.6	83.2	5
H25C	British Aerospace (BAe) - BAe HS 125 Series 1000	84.2	81.7	2
CRJ2	Bombardier - Canada Regional Jet 200	84.1	84.7	103
DH8B	Dehavilland - Dash 8, DHC8 - 200	84.0	85.5	2
B712	Boeing - 717-200	84.0	87.4	88
ASTR	Israel Jet - Astra 1125	83.9	83.9	1
MD87	Mcdonnell-Douglas - MD-80 Series	83.9	83.9	1
C208	Cessna - Caravan 1- 208	83.7	87.6	4
AT43	Aerospatale/Aeritalia - ATR-42-200/300/320	83.7	91.3	37
A30B	Airbus - A300B2	83.6	83.6	1
PA31	Piper - Chieftan, Mohave, Navajo, T-1020	83.6	84.6	2



## Seattle Tacoma International Airport

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Between 4/1/2009 12:00:00 AM and 6/30/2009 11:59:59 PM (Local Time)

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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: Beverly Park School # 11</b>				
GALX	Gulfstream G200	83.5	82.6	4
BE9T	Beech - Beech F90 King Air	83.5	83.5	1
DH8C	Dehavilland - Dash 8, DHC8 - 300	83.5	96.5	221
CRJ9	Bombardier - Canada Regional Jet 900	83.4	85.1	98
C560	Cessna - Citation 5	83.0	83.4	13
C750	Cessna - Citation 10	82.8	79.5	10
C56X	Cessna - Citation Excel	82.8	81.3	7
BE40	Beech - Beechjet 400/T-1 Jayhawk	82.7	82.9	7
GLF4	Gulfstream - Gulfstream 4	82.4	83.1	6
EPIC	N/A	81.7	81.7	1
DHD	N/A	81.6	81.6	1
C650	Cessna - Citation 3/6/7	81.5	82.6	2
C25A	Cessna - Citation CJ2	81.3	81.3	1



## Seattle Tacoma International Airport

### Average Aircraft Noise Level (SEL)

Between 4/1/2009 12:00:00 AM and 6/30/2009 11:59:59 PM (Local Time)

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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: Beverly Park School # 11</b>				
J328	N/A	81.3	81.3	1
CRJ1	Bombardier - Canada Regional Jet 100	81.2	83.6	26
BE36	Beech - Bonanza 36	81.2	81.2	1
C402	Cessna - Cessna 401, 402, Utiliner, Businessliner	81.2	81.2	1
F2TH	Dassault-Breguet - Falcon 2000	81.2	82.3	3
DH8A	Dehavilland - Dash 8, DHC8 - 100	81.1	82.5	5
E45X	Embraer - EMB-145XR	80.9	80.9	1
LJ40	N/A	80.5	79.0	2
BE20	Beech - Super King Air 200, 1300	79.7	80.9	2
GLEK	Bombardier BD-700 Global Express	78.9	80.2	2
C25B	Cessna Citation Bravo	78.8	79.9	2
C550	Cessna - Citation 2/-S2	78.8	80.9	3
LJ45	Gates Learjet - Learjet 45	78.5	80.1	2



Seattle Tacoma International Airport

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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: Beverly Park School # 11</b>				
LJ55	Gates Learjet - Learjet 55	77.9	77.9	1
C680	Cessna Citation Sovereign	77.2	77.6	2
FA10	Dassault-Breguet - Falcon 10, Mystere 10	75.9	75.9	1
LJ60	Gates Learjet - Learjet 60	74.5	74.5	1
C525	Cessna - Citationjet C525	74.2	74.2	1
<b>Location: 2226 S. 126th Street # 12</b>				
B744	Boeing - 747-400	102.1	97.4	308
B772	Boeing - 777-200	97.5	95.8	117
B742	Boeing - 747-200	96.9	95.8	3
A333	Airbus - A330-300	96.8	95.0	154
MD83	Mcdonnell-Douglas - MD-80 Series	96.3	98.5	522
B752	Boeing - 757-200	95.8	93.8	1,208
B738	Boeing - 737-800	95.3	94.6	2,801



## Seattle Tacoma International Airport

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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: 2226 S. 126th Street # 12</b>				
MD82	Mcdonnell-Douglas - MD-80 Series	94.7	94.9	11
B763	Boeing - 767-300	94.6	93.3	207
MD11	Mcdonnell-Douglas - MD-11	94.5	94.4	70
FA50	Dassault-Breguet - Falcon 50, Mystere 50 (T-16)	94.3	91.6	9
PC12	Pilatus Flugzeugwerke Ag - PC-12	94.2	92.7	2
SW4	Fairchild - Metro, Merlin 4	94.1	94.1	1
B737	Boeing - 737-700	93.9	94.8	1,954
DC10	Mcdonnell-Douglas - DC-10 (all series)	93.9	92.2	125
B734	Boeing - 737-400	93.8	93.3	1,323
A321	Airbus - A321	93.2	94.2	123
A319	Airbus - A319	92.9	91.6	484
B733	Boeing - 737-300	92.6	91.4	525



Seattle Tacoma International Airport

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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: 2226 S. 126th Street # 12</b>				
A320	Airbus - A320	92.6	92.4	676
N/A	92.4	101.4	456	
MD10	Mcdonnell-Douglas - DC-10	92.0	91.7	42
B735	Boeing - 737-500	91.9	89.8	150
A332	Airbus - A330-200	91.8	93.3	53
B743	Boeing - 747-300	91.4	92.3	2
B739	Boeing - 737-900	90.9	92.0	842
BE9T	Beech - Beech F90 King Air	90.9	90.9	1
A300	Airbus - A300	90.5	89.3	12
A343	Airbus - A340-300	90.4	93.9	45
B753	Boeing - 757-300	90.4	94.9	420
B77W	N/A	89.9	92.9	28



Seattle Tacoma International Airport

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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: 2226 S. 126th Street # 12</b>				
B767	N/A	89.0	89.0	1
E190	Embraer - EMB-190	88.8	87.8	41
C414	Cessna - Chancellor 414, Rocket Power	88.8	88.8	1
B764	N/A	88.0	88.2	2
LJ35	Gates Learjet - Learjet 35, 36	87.2	85.7	2
PA34	Piper - Seneca 2/3	87.0	85.5	2
MD90	Mcdonnell-Douglas - MD-90	86.8	87.7	57
CRJ7	Bombardier - Canada Regional Jet 700	86.4	99.2	772
PA31	Piper - Chieftan, Mohave, Navajo, T-1020	86.2	86.9	2
A306	Airbus - A300B4-600	86.1	90.4	64
P28A	Piper - Cherokee, Archer, Warrior, Cadet, Cruiser	86.1	86.1	1
C402	Cessna - Cessna 401, 402, Utiliner, Businessliner	85.8	85.8	1



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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: 2226 S. 126th Street # 12</b>				
C650	Cessna - Citation 3/6/7	85.3	85.3	1
B712	Boeing - 717-200	85.2	84.7	29
B747	Boeing - 747-200F	85.0	85.0	1
H25B	British Aerospace (BAe) - BAe HS 125 Series 700/800	84.4	82.8	3
CRJ9	Bombardier - Canada Regional Jet 900	84.4	84.9	43
C550	Cessna - Citation 2/-S2	82.9	82.9	1
C560	Cessna - Citation 5	82.4	83.9	2
BE40	Beech - Beechjet 400/T-1 Jayhawk	81.9	81.9	1
GLEX	Bombardier BD-700 Global Express	80.6	80.6	1
E120	Embraer - Brasilia EMB-120	80.3	85.3	83
CL30	Bombardier Challenger 300	80.1	80.1	1
DH8D	Dehavilland - Dash 8, DHC8 - 400	79.8	93.1	1,484



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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: 2226 S. 126th Street # 12</b>				
A30B	Airbus - A300B2	79.6	79.6	1
GLF4	Gulfstream - Gulfstream 4	79.0	79.7	3
GALX	Gulfstream G200	78.9	78.9	1
CRJ2	Bombardier - Canada Regional Jet 200	78.8	80.1	22
DH8C	Dehavilland - Dash 8, DHC8 - 300	78.5	86.9	18
C25B	Cessna Citation Bravo	77.8	77.8	1
E45X	Embraer - EMB-145XR	77.0	77.0	1
C56X	Cessna - Citation Excel	76.6	78.8	4
C208	Cessna - Caravan 1- 208	76.0	77.5	2
CRJ1	Bombardier - Canada Regional Jet 100	76.0	80.9	8
C750	Cessna - Citation 10	75.8	73.6	3
AT72	Aerospatiale/Aeritalia - ATR-72	75.6	75.6	1



Seattle Tacoma International Airport

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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: 2226 S. 126th Street # 12</b>				
AT43	Aerospatale/Aeritalia - ATR-42-200/300/320	75.3	77.6	3
BE36	Beech - Bonanza 36	74.8	74.8	1
BE9L	Beech - KingAir90, A90 to E90 (T-44, V-C6), Taurus 90	73.5	73.5	1
F2TH	Dassault-Breguet - Falcon 2000	72.5	72.5	1
<b>Location: Cedarhurst Elementary School # 13</b>				
B744	Boeing - 747-400	97.4	92.1	199
A333	Airbus - A330-300	93.9	96.8	83
B772	Boeing - 777-200	93.0	90.4	80
B742	Boeing - 747-200	92.9	92.6	2
B752	Boeing - 757-200	92.0	97.3	721
MD83	Mcdonnell-Douglas - MD-80 Series	91.8	94.0	323
DC10	Mcdonnell-Douglas - DC-10 (all series)	91.6	93.2	66
MD82	Mcdonnell-Douglas - MD-80 Series	91.4	90.6	8



Seattle Tacoma International Airport

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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: Cedarhurst Elementary School # 13</b>				
A321	Airbus - A321	91.3	90.6	63
B763	Boeing - 767-300	91.1	93.9	98
B738	Boeing - 737-800	90.2	95.7	1,731
MD11	Mcdonnell-Douglas - MD-11	90.1	91.9	31
B737	Boeing - 737-700	89.6	96.5	1,389
	N/A	89.3	95.5	333
B734	Boeing - 737-400	89.1	91.5	867
A320	Airbus - A320	88.7	87.4	430
B77W	N/A	88.7	91.6	16
BE9T	Beech - Beech F90 King Air	88.6	88.6	1
A332	Airbus - A330-200	88.3	91.3	42
A319	Airbus - A319	88.0	85.7	355



Seattle Tacoma International Airport

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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: Cedarhurst Elementary School # 13</b>				
MD10	Mcdonnell-Douglas - DC-10	87.9	87.5	23
B733	Boeing - 737-300	87.5	91.9	394
B739	Boeing - 737-900	87.1	90.1	532
A300	Airbus - A300	86.9	85.5	6
B753	Boeing - 757-300	86.6	93.0	189
B735	Boeing - 737-500	86.1	89.1	87
A343	Airbus - A340-300	85.7	87.8	19
E190	Embraer - EMB-190	85.1	86.9	25
B712	Boeing - 717-200	85.0	96.0	19
FA50	Dassault-Breguet - Falcon 50, Mystere 50 (T-16)	84.5	85.3	5
A306	Airbus - A300B4-600	84.3	87.0	22
C414	Cessna - Chancellor 414, Rocket Power	84.1	84.1	1
DH8D	Dehavilland - Dash 8, DHC8 - 400	83.4	94.5	628



## Seattle Tacoma International Airport

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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: Cedarhurst Elementary School # 13</b>				
CRJ7	Bombardier - Canada Regional Jet 700	82.7	87.5	258
MD90	Mcdonnell-Douglas - MD-90	82.6	84.8	44
C560	Cessna - Citation 5	82.3	82.3	1
P28A	Piper - Cherokee, Archer, Warrior, Cadet, Cruiser	81.5	81.5	1
C680	Cessna Citation Sovereign	81.1	83.6	3
PA31	Piper - Chieftan, Mohave, Navajo, T-1020	81.0	81.0	1
CRJ1	Bombardier - Canada Regional Jet 100	80.9	80.9	1
B743	Boeing - 747-300	80.8	80.8	1
C56X	Cessna - Citation Excel	80.3	80.3	1
GALX	Gulfstream G200	79.3	79.3	1
E120	Embraer - Brasilia EMB-120	79.3	84.3	82
C402	Cessna - Cessna 401, 402, Utiliner, Businessliner	78.5	78.5	1
DH8C	Dehavilland - Dash 8, DHC8 - 300	78.3	84.9	27



Seattle Tacoma International Airport

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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: Cedarhurst Elementary School # 13</b>				
BE20	Beech - Super King Air 200, 1300	78.1	80.5	6
AT43	Aerospatiale/Aeritalia - ATR-42-200/300/320	78.0	83.0	10
BE40	Beech - Beechjet 400/T-1 Jayhawk	78.0	75.0	2
CL30	Bombardier Challenger 300	77.8	77.8	1
CARJ	Canadair Bombardier - REGIONAL JET	77.6	77.6	1
CRJ9	Bombardier - Canada Regional Jet 900	77.3	81.8	25
H25B	British Aerospace (BAe) - BAe HS 125 Series 700/800	77.3	77.3	1
LJ35	Gates Learjet - Learjet 35, 36	76.9	76.9	1
CRJ2	Bombardier - Canada Regional Jet 200	76.9	80.0	4
B747	Boeing - 747-200F	76.1	76.1	1
J328	N/A	75.8	77.5	2
PA34	Piper - Seneca 2/3	74.9	74.9	1
GLEX	Bombardier BD-700 Global Express	73.4	73.4	1



Seattle Tacoma International Airport

Average Aircraft Noise Level (SEL)

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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: Cedarhurst Elementary School # 13</b>				
C650	Cessna - Citation 3/6/7	73.1	73.1	1
<b>Location: North Clear Zone # 14</b>				
B744	Boeing - 747-400	99.6	94.7	148
MD11	Mcdonnell-Douglas - MD-11	97.1	96.2	32
B772	Boeing - 777-200	96.3	93.8	90
B752	Boeing - 757-200	95.1	89.4	854
DC10	Mcdonnell-Douglas - DC-10 (all series)	94.1	91.8	58
A321	Airbus - A321	93.7	91.5	94
A333	Airbus - A330-300	93.4	91.9	87
MD83	Mcdonnell-Douglas - MD-80 Series	93.4	94.5	378
B738	Boeing - 737-800	93.0	90.8	2,180
A332	Airbus - A330-200	92.9	93.0	29
B763	Boeing - 767-300	92.8	91.6	138



## Seattle Tacoma International Airport

### Average Aircraft Noise Level (SEL)

Between 4/1/2009 12:00:00 AM and 6/30/2009 11:59:59 PM (Local Time)

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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: North Clear Zone # 14</b>				
MD82	Mcdonnell-Douglas - MD-80 Series	92.1	91.4	12
MD10	Mcdonnell-Douglas - DC-10	91.8	91.8	21
B737	Boeing - 737-700	91.6	96.6	1,690
SW4	Fairchild - Metro, Merlin 4	91.6	91.6	1
B734	Boeing - 737-400	91.2	92.2	1,078
A300	Airbus - A300	91.2	89.6	8
A320	Airbus - A320	91.0	90.1	528
B753	Boeing - 757-300	90.8	90.1	260
B742	Boeing - 747-200	90.5	90.5	1
A319	Airbus - A319	90.4	86.7	362
B733	Boeing - 737-300	90.2	91.5	437
PC12	Pilatus Flugzeugwerke Ag - PC-12	89.8	88.7	2
B77W	N/A	89.6	91.2	19



Seattle Tacoma International Airport

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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: North Clear Zone # 14</b>				
B739	Boeing - 737-900	89.4	90.5	634
CRJ2	Bombardier - Canada Regional Jet 200	89.0	94.9	4
BE9T	Beech - Beech F90 King Air	88.7	88.7	1
A306	Airbus - A300B4-600	88.5	90.4	35
B735	Boeing - 737-500	88.5	87.1	125
B767	N/A	87.9	87.9	1
	N/A	87.7	93.6	328
PA31	Piper - Chieftan, Mohave, Navajo, T-1020	87.1	88.9	2
E190	Embraer - EMB-190	87.0	85.8	27
FA50	Dassault-Breguet - Falcon 50, Mystere 50 (T-16)	86.9	84.0	9
C414	Cessna - Chancellor 414, Rocket Power	86.7	86.7	1
C650	Cessna - Citation 3/6/7	85.8	87.5	2
BE40	Beech - Beechjet 400/T-1 Jayhawk	85.8	82.9	2



## Seattle Tacoma International Airport

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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: North Clear Zone # 14</b>				
B764	N/A	85.3	85.9	2
PA34	Piper - Seneca 2/3	85.2	83.6	2
A343	Airbus - A340-300	85.1	88.4	25
GLEX	Bombardier BD-700 Global Express	84.2	84.2	1
CRJ7	Bombardier - Canada Regional Jet 700	83.1	85.5	597
MD90	Mcdonnell-Douglas - MD-90	82.9	84.9	53
P28A	Piper - Cherokee, Archer, Warrior, Cadet, Cruiser	82.7	82.7	1
GALX	Gulfstream G200	82.5	81.7	2
C402	Cessna - Cessna 401, 402, Utiliner, Businessliner	82.4	82.4	1
C560	Cessna - Citation 5	81.6	82.6	2
B712	Boeing - 717-200	81.0	81.8	27
DH8D	Dehavilland - Dash 8, DHC8 - 400	81.0	95.5	367



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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: North Clear Zone # 14</b>				
BE9L	Beech - KingAir90, A90 to E90 (T-44, V-C6), Taurus 90	80.8	80.8	1
CL30	Bombardier Challenger 300	80.8	80.8	1
DH8C	Dehavilland - Dash 8, DHC8 - 300	80.0	88.4	11
CRJ9	Bombardier - Canada Regional Jet 900	79.7	84.4	35
H25B	British Aerospace (BAe) - BAe HS 125 Series 700/800	79.0	78.0	3
C25B	Cessna Citation Bravo	78.4	80.0	3
GLF4	Gulfstream - Gulfstream 4	78.4	79.3	3
E120	Embraer - Brasilia EMB-120	77.4	83.4	15
C56X	Cessna - Citation Excel	77.0	78.8	2
C550	Cessna - Citation 2/-S2	76.4	76.4	1
LJ31	Gates Learjet - Learjet 31	76.0	76.0	1
LJ35	Gates Learjet - Learjet 35, 36	75.9	75.9	1
AT43	Aerospatiale/Aeritalia - ATR-42-200/300/320	75.3	76.7	2



Seattle Tacoma International Airport

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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: North Clear Zone # 14</b>				
E145	Embraer - EMB-145	74.8	74.8	1
E45X	Embraer - EMB-145XR	73.6	73.6	1
C208	Cessna - Caravan 1- 208	73.0	73.0	1
CRJ1	Bombardier - Canada Regional Jet 100	72.4	73.6	2
<b>Location: Sylvester Middle School # 15</b>				
E120	Embraer - Brasilia EMB-120	92.3	99.9	16
B737	Boeing - 737-700	90.1	100.7	59
B738	Boeing - 737-800	86.1	92.9	76
B744	Boeing - 747-400	85.4	83.1	26
A320	Airbus - A320	85.2	86.5	12
B752	Boeing - 757-200	85.2	87.6	34
MD11	Mcdonnell-Douglas - MD-11	84.7	85.1	23
A333	Airbus - A330-300	84.4	85.5	11



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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: Sylvester Middle School # 15</b>				
DH8D	Dehavilland - Dash 8, DHC8 - 400	83.3	99.3	74
B753	Boeing - 757-300	83.0	88.2	24
CRJ7	Bombardier - Canada Regional Jet 700	82.9	90.0	23
B734	Boeing - 737-400	82.7	89.3	41
DC10	Mcdonnell-Douglas - DC-10 (all series)	82.2	81.7	16
B772	Boeing - 777-200	82.0	80.7	10
CRJ1	Bombardier - Canada Regional Jet 100	81.5	81.5	1
MD83	Mcdonnell-Douglas - MD-80 Series	81.5	85.4	95
B763	Boeing - 767-300	81.4	79.6	28
C750	Cessna - Citation 10	81.2	81.2	1
B739	Boeing - 737-900	81.0	88.6	18
A319	Airbus - A319	80.5	78.6	4

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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: Sylvester Middle School # 15</b>				
B733	Boeing - 737-300	80.1	81.8	12
DH8C	Dehavilland - Dash 8, DHC8 - 300	79.4	82.8	7
A321	Airbus - A321	79.2	80.2	31
A332	Airbus - A330-200	78.8	78.3	7
B77W	N/A	78.1	81.1	5
A306	Airbus - A300B4-600	77.9	82.3	5
MD82	Mcdonnell-Douglas - MD-80 Series	77.9	77.9	1
DH8B	Dehavilland - Dash 8, DHC8 - 200	76.8	76.8	1
	N/A	76.8	81.3	24
E190	Embraer - EMB-190	75.4	75.4	1
AT43	Aerospatiale/Aeritalia - ATR-42-200/300/320	74.4	75.8	2
MD10	Mcdonnell-Douglas - DC-10	74.0	75.2	3
B735	Boeing - 737-500	74.0	75.4	3

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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: Sylvester Middle School # 15</b>				
CRJ2	Bombardier - Canada Regional Jet 200	73.6	73.6	1
CRJ9	Bombardier - Canada Regional Jet 900	73.2	74.4	3
<b>Location: Chinook Middle School # 16</b>				
B738	Boeing - 737-800	88.8	87.6	3
B737	Boeing - 737-700	88.1	86.2	2
DH8D	Dehavilland - Dash 8, DHC8 - 400	84.4	93.6	71
E120	Embraer - Brasilia EMB-120	81.9	91.8	29
B735	Boeing - 737-500	80.9	80.9	1
B734	Boeing - 737-400	78.0	80.3	2
	N/A	75.3	78.0	7



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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: 1217 S 207th Street # 17</b>				
B744	Boeing - 747-400	104.2	100.4	307
B743	Boeing - 747-300	100.3	101.7	2
B742	Boeing - 747-200	99.7	101.8	2
MD11	Mcdonnell-Douglas - MD-11	99.6	98.3	74
B772	Boeing - 777-200	99.4	97.6	148
A332	Airbus - A330-200	98.5	97.6	57
DC10	Mcdonnell-Douglas - DC-10 (all series)	97.7	96.2	147
MD83	Mcdonnell-Douglas - MD-80 Series	97.5	98.7	793
A321	Airbus - A321	96.9	94.6	164
A333	Airbus - A330-300	96.3	100.8	148
B738	Boeing - 737-800	95.9	94.4	3,899
MD82	Mcdonnell-Douglas - MD-80 Series	95.7	97.7	23
MD88	Mcdonnell-Douglas - MD-80 Series	95.5	93.9	2



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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: 1217 S 207th Street # 17</b>				
B737	Boeing - 737-700	95.5	93.8	2,873
B752	Boeing - 757-200	95.4	92.7	1,861
	N/A	95.2	97.9	309
DC93	N/A	95.0	95.0	1
B763	Boeing - 767-300	94.9	93.8	281
FA50	Dassault-Breguet - Falcon 50, Mystere 50 (T-16)	93.9	92.4	18
A319	Airbus - A319	93.4	93.0	663
A343	Airbus - A340-300	93.1	94.0	38
B735	Boeing - 737-500	92.8	96.7	167
B733	Boeing - 737-300	92.7	94.7	799
B734	Boeing - 737-400	92.3	97.9	1,668
B739	Boeing - 737-900	92.0	95.6	1,061
H25B	British Aerospace (BAe) - BAe HS 125 Series 700/800	91.6	88.8	6



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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: 1217 S 207th Street # 17</b>				
MD87	Mcdonnell-Douglas - MD-80 Series	91.6	91.6	1
E120	Embraer - Brasilia EMB-120	91.6	92.7	146
E190	Embraer - EMB-190	91.6	90.2	55
B77W	N/A	91.4	96.3	20
B764	N/A	90.7	89.6	7
MD90	Mcdonnell-Douglas - MD-90	90.7	90.7	112
MD10	Mcdonnell-Douglas - DC-10	90.5	94.6	47
B753	Boeing - 757-300	89.9	96.2	448
A300	Airbus - A300	89.6	90.9	11
CRJ2	Bombardier - Canada Regional Jet 200	89.5	88.6	85
DH8B	Dehavilland - Dash 8, DHC8 - 200	88.7	88.7	1
C560	Cessna - Citation 5	88.2	89.7	8
A306	Airbus - A300B4-600	88.2	91.6	36



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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: 1217 S 207th Street # 17</b>				
BE40	Beech - Beechjet 400/T-1 Jayhawk	87.6	83.8	6
WW24	Israel - 1124 Westwind	87.2	87.2	1
PA31	Piper - Chieftan, Mohave, Navajo, T-1020	86.6	86.6	1
C650	Cessna - Citation 3/6/7	86.6	89.6	4
B757	Boeing - 757	86.5	86.5	1
CRJ7	Bombardier - Canada Regional Jet 700	86.3	93.2	1,260
F900	Dassault-Breguet - Falcon 900, Mystere 900 (T-18)	85.9	83.4	2
GLF3	Gulfstream - Gulfstream 3	85.6	88.5	2
AT72	Aerospatiale/Aeritalia - ATR-72	85.5	88.1	2
C208	Cessna - Caravan 1- 208	85.5	85.5	1
DH8D	Dehavilland - Dash 8, DHC8 - 400	85.3	95.6	1,372
B747	Boeing - 747-200F	85.1	83.1	2
LJ35	Gates Learjet - Learjet 35, 36	85.1	85.1	1



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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: 1217 S 207th Street # 17</b>				
DH8C	Dehavilland - Dash 8, DHC8 - 300	84.9	96.4	37
GALX	Gulfstream G200	84.5	83.6	4
CRJ9	Bombardier - Canada Regional Jet 900	84.4	90.6	80
F2TH	Dassault-Breguet - Falcon 2000	83.7	81.7	4
CL30	Bombardier Challenger 300	83.5	81.4	2
B712	Boeing - 717-200	83.5	88.7	57
H25C	British Aerospace (BAe) - BAe HS 125 Series 1000	83.4	81.4	2
GLF4	Gulfstream - Gulfstream 4	83.4	84.1	3
FA10	Dassault-Breguet - Falcon 10, Mystere 10	83.1	83.1	1
P46T	Piper - Malibu Meridian	82.1	82.1	1
PA46	Piper - Malibu, Malibu Mirage	82.1	82.1	1
C525	Cessna - Citationjet C525	81.6	82.4	2
C25A	Cessna - Citation CJ2	81.2	81.2	1



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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: 1217 S 207th Street # 17</b>				
C680	Cessna Citation Sovereign	80.8	78.0	3
AT43	Aerospatiale/Aeritalia - ATR-42-200/300/320	80.3	85.4	10
C56X	Cessna - Citation Excel	80.2	78.2	4
CRJ1	Bombardier - Canada Regional Jet 100	79.6	89.4	18
C550	Cessna - Citation 2/-S2	79.1	81.7	4
LJ60	Gates Learjet - Learjet 60	77.7	77.7	1
BE20	Beech - Super King Air 200, 1300	76.5	76.5	1
CARJ	Canadair Bombardier - REGIONAL JET	76.4	76.4	2
CL60	Canadair Bombardier - CL600/610 Challenger	75.9	75.9	1
LJ40	N/A	75.0	76.4	2
DH8A	Dehavilland - Dash 8, DHC8 - 100	73.0	73.0	1



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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: 1205 S 226th Street # 18</b>				
B744	Boeing - 747-400	102.1	95.5	412
B742	Boeing - 747-200	99.3	99.9	3
B743	Boeing - 747-300	97.4	98.6	2
MD11	Mcdonnell-Douglas - MD-11	97.3	94.9	93
DC10	Mcdonnell-Douglas - DC-10 (all series)	96.8	96.1	209
B772	Boeing - 777-200	96.0	94.3	210
B738	Boeing - 737-800	95.1	97.9	5,857
MD83	Mcdonnell-Douglas - MD-80 Series	95.0	96.7	1,114
A343	Airbus - A340-300	94.6	93.4	57
B737	Boeing - 737-700	94.3	97.3	4,334
A332	Airbus - A330-200	94.0	99.1	95
MD82	Mcdonnell-Douglas - MD-80 Series	93.9	95.7	36
B763	Boeing - 767-300	93.7	91.1	384



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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: 1205 S 226th Street # 18</b>				
B752	Boeing - 757-200	93.7	100.7	2,546
MD88	Mcdonnell-Douglas - MD-80 Series	93.5	91.9	2
	N/A	93.2	95.4	570
B733	Boeing - 737-300	92.8	93.8	1,177
A333	Airbus - A330-300	92.7	95.2	216
A320	Airbus - A320	92.4	95.9	1,624
A319	Airbus - A319	91.8	96.0	1,104
A321	Airbus - A321	91.1	92.3	261
B734	Boeing - 737-400	91.0	102.9	2,532
B735	Boeing - 737-500	90.8	88.2	273
FA50	Dassault-Breguet - Falcon 50, Mystere 50 (T-16)	90.8	89.3	27
B739	Boeing - 737-900	90.7	96.2	1,639
MD10	Mcdonnell-Douglas - DC-10	90.7	91.6	66



## Seattle Tacoma International Airport

### Average Aircraft Noise Level (SEL)

Between 4/1/2009 12:00:00 AM and 6/30/2009 11:59:59 PM (Local Time)

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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: 1205 S 226th Street # 18</b>				
PAY2	Piper - Cheyenne 2	90.6	90.6	1
B753	Boeing - 757-300	90.4	98.0	648
E190	Embraer - EMB-190	90.1	88.8	82
H25B	British Aerospace (BAe) - BAe HS 125 Series 700/800	89.5	87.6	8
B764	N/A	89.2	88.6	9
A306	Airbus - A300B4-600	88.7	90.3	55
CRJ2	Bombardier - Canada Regional Jet 200	88.3	87.0	75
A300	Airbus - A300	88.2	89.9	11
P180	Avanti P-180	88.2	88.2	1
CRJ7	Bombardier - Canada Regional Jet 700	88.1	95.6	1,768
C750	Cessna - Citation 10	87.9	91.0	7
DH8D	Dehavilland - Dash 8, DHC8 - 400	87.8	98.8	2,808
B77W	N/A	87.7	90.5	37



## Seattle Tacoma International Airport

### Average Aircraft Noise Level (SEL)

Between 4/1/2009 12:00:00 AM and 6/30/2009 11:59:59 PM (Local Time)

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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: 1205 S 226th Street # 18</b>				
CRJ9	Bombardier - Canada Regional Jet 900	87.3	96.1	105
LJ35	Gates Learjet - Learjet 35, 36	87.2	85.6	3
AT43	Aerospatiale/Aeritalia - ATR-42-200/300/320	86.9	91.0	16
E120	Embraer - Brasilia EMB-120	86.8	95.6	364
DC93	N/A	86.8	86.8	1
AT72	Aerospatiale/Aeritalia - ATR-72	86.5	88.9	3
MD90	Mcdonnell-Douglas - MD-90	86.1	96.7	159
B747	Boeing - 747-200F	86.1	84.6	2
GLF3	Gulfstream - Gulfstream 3	85.8	85.8	1
CRJ1	Bombardier - Canada Regional Jet 100	85.0	95.2	15
BE40	Beech - Beechjet 400/T-1 Jayhawk	84.8	80.4	3
B712	Boeing - 717-200	84.1	84.6	85
F900	Dassault-Breguet - Falcon 900, Mystere 900 (T-18)	83.9	81.0	2



## Seattle Tacoma International Airport

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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: 1205 S 226th Street # 18</b>				
WW24	Israel - 1124 Westwind	83.9	83.9	1
B757	Boeing - 757	83.7	83.7	1
GALX	Gulfstream G200	83.7	81.6	6
PA31	Piper - Chieftan, Mohave, Navajo, T-1020	83.6	83.6	1
PC12	Pilatus Flugzeugwerke Ag - PC-12	83.4	83.4	1
EPIC	N/A	83.2	83.2	1
H25C	British Aerospace (BAe) - BAe HS 125 Series 1000	82.8	80.5	2
DH8C	Dehavilland - Dash 8, DHC8 - 300	82.6	87.3	107
F2TH	Dassault-Breguet - Falcon 2000	81.9	82.4	4
C56X	Cessna - Citation Excel	81.8	81.4	7
C560	Cessna - Citation 5	81.0	84.0	5
P46T	Piper - Malibu Meridian	81.0	81.0	1
GLF4	Gulfstream - Gulfstream 4	81.0	82.7	5



## Seattle Tacoma International Airport

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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: 1205 S 226th Street # 18</b>				
E145	Embraer - EMB-145	80.9	80.9	1
DH8A	Dehavilland - Dash 8, DHC8 - 100	80.6	85.0	4
C650	Cessna - Citation 3/6/7	80.4	82.1	2
PA46	Piper - Malibu, Malibu Mirage	80.0	80.0	1
C208	Cessna - Caravan 1- 208	79.5	79.5	1
CL30	Bombardier Challenger 300	78.3	80.6	3
C500	Cessna - Citation 1	78.1	78.1	1
C550	Cessna - Citation 2/-S2	77.2	78.6	2
CL60	Canadair Bombardier - CL600/610 Challenger	77.0	77.7	2
C25B	Cessna Citation Bravo	76.7	76.7	1
C25A	Cessna - Citation CJ2	76.3	76.3	1
CARJ	Canadair Bombardier - REGIONAL JET	76.0	76.0	1
BE20	Beech - Super King Air 200, 1300	75.7	75.9	3



## Seattle Tacoma International Airport

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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: 1205 S 226th Street # 18</b>				
LJ60	Gates Learjet - Learjet 60	75.3	75.3	1
C680	Cessna Citation Sovereign	75.2	75.2	1
BE9L	Beech - KingAir90, A90 to E90 (T-44, V-C6), Taurus 90	73.5	73.5	1
<b>Location: Midway Elementary School # 19</b>				
B744	Boeing - 747-400	102.5	98.8	393
B743	Boeing - 747-300	100.5	102.5	2
MD11	Mcdonnell-Douglas - MD-11	97.9	95.7	87
B742	Boeing - 747-200	97.8	99.4	3
A343	Airbus - A340-300	96.4	96.0	52
B772	Boeing - 777-200	95.9	93.5	176
MD83	Mcdonnell-Douglas - MD-80 Series	95.8	99.9	865
MD88	Mcdonnell-Douglas - MD-80 Series	95.8	94.9	2
DC10	Mcdonnell-Douglas - DC-10 (all series)	95.7	94.8	178

Seattle Tacoma International Airport

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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: Midway Elementary School # 19</b>				
B737	Boeing - 737-700	94.7	94.2	3,076
	N/A	94.7	97.6	269
A332	Airbus - A330-200	94.3	91.5	79
B738	Boeing - 737-800	94.3	97.8	4,386
MD82	Mcdonnell-Douglas - MD-80 Series	94.2	97.2	25
B763	Boeing - 767-300	93.5	95.8	319
B733	Boeing - 737-300	93.2	93.2	873
B752	Boeing - 757-200	93.2	96.5	2,016
A320	Airbus - A320	93.1	93.7	1,102
A333	Airbus - A330-300	92.9	94.1	183
A319	Airbus - A319	92.5	91.7	769
A321	Airbus - A321	91.9	92.8	191



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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: Midway Elementary School # 19</b>				
FA50	Dassault-Breguet - Falcon 50, Mystere 50 (T-16)	91.8	88.7	18
B735	Boeing - 737-500	91.1	92.4	176
GLF3	Gulfstream - Gulfstream 3	90.6	90.6	1
B739	Boeing - 737-900	90.5	92.8	1,200
DC93	N/A	90.2	90.2	1
MD87	Mcdonnell-Douglas - MD-80 Series	90.0	90.0	1
B734	Boeing - 737-400	89.9	100.0	1,865
B764	N/A	89.8	88.8	8
MD10	Mcdonnell-Douglas - DC-10	89.8	91.8	55
E190	Embraer - EMB-190	89.6	88.5	67
CRJ2	Bombardier - Canada Regional Jet 200	89.0	91.3	33
B753	Boeing - 757-300	88.9	93.9	520
C560	Cessna - Citation 5	88.9	89.0	5



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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: Midway Elementary School # 19</b>				
H25B	British Aerospace (BAe) - BAe HS 125 Series 700/800	88.6	85.3	8
B77W	N/A	88.6	91.3	30
F900	Dassault-Breguet - Falcon 900, Mystere 900 (T-18)	87.9	85.0	2
A300	Airbus - A300	87.6	89.1	11
PA31	Piper - Chieftan, Mohave, Navajo, T-1020	86.6	86.6	1
B747	Boeing - 747-200F	86.4	86.6	3
A306	Airbus - A300B4-600	86.4	89.7	41
LJ35	Gates Learjet - Learjet 35, 36	85.9	85.9	1
DH8C	Dehavilland - Dash 8, DHC8 - 300	85.8	91.7	8
MD90	Mcdonnell-Douglas - MD-90	85.3	93.0	109
C650	Cessna - Citation 3/6/7	85.3	87.3	3
B757	Boeing - 757	84.9	84.9	1
H25C	British Aerospace (BAe) - BAe HS 125 Series 1000	84.4	82.1	2



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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: Midway Elementary School</b>		<b># 19</b>		
CL30	Bombardier Challenger 300	84.4	83.4	2
B712	Boeing - 717-200	84.0	90.5	65
FA10	Dassault-Breguet - Falcon 10, Mystere 10	83.7	83.7	1
PA46	Piper - Malibu, Malibu Mirage	83.7	83.7	1
BE40	Beech - Beechjet 400/T-1 Jayhawk	83.7	85.0	4
CRJ7	Bombardier - Canada Regional Jet 700	82.8	94.9	1,140
WW24	Israel - 1124 Westwind	82.4	82.4	1
D328	Dornier GmbH - Do 328 Series	82.2	82.2	1
DH8D	Dehavilland - Dash 8, DHC8 - 400	82.0	93.8	1,295
F2TH	Dassault-Breguet - Falcon 2000	81.6	79.1	2
GALX	Gulfstream G200	81.2	83.4	2
E120	Embraer - Brasilia EMB-120	80.2	86.6	194
C550	Cessna - Citation 2/-S2	80.2	82.3	2



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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: Midway Elementary School # 19</b>				
P46T	Piper - Malibu Meridian	80.1	80.1	1
GLF4	Gulfstream - Gulfstream 4	79.6	80.7	4
C680	Cessna Citation Sovereign	79.5	77.9	3
CRJ9	Bombardier - Canada Regional Jet 900	79.3	83.5	75
C25B	Cessna Citation Bravo	78.7	78.7	1
LJ31	Gates Learjet - Learjet 31	78.6	78.6	1
C56X	Cessna - Citation Excel	77.4	76.9	4
AT43	Aerospatiale/Aeritalia - ATR-42-200/300/320	76.5	78.8	4
AT72	Aerospatiale/Aeritalia - ATR-72	75.6	75.6	1
C500	Cessna - Citation 1	75.6	75.6	1
C750	Cessna - Citation 10	74.8	76.2	2
CRJ1	Bombardier - Canada Regional Jet 100	74.3	76.7	7
BE9L	Beech - KingAir90, A90 to E90 (T-44, V-C6), Taurus 90	74.1	74.1	1



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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: Midway Elementary School # 19</b>				
CARJ	Canadair Bombardier - REGIONAL JET	73.7	73.7	1
EPIC	N/A	72.6	72.6	1
C208	Cessna - Caravan 1- 208	72.2	72.2	1
<b>Location: Parkside Elementary School # 20</b>				
B744	Boeing - 747-400	102.2	101.4	220
C56X	Cessna - Citation Excel	101.2	100.4	2
EA50	Eclipse Aviation – Eclipse 500	100.1	100.1	1
B743	Boeing - 747-300	99.5	99.5	1
CRJ2	Bombardier - Canada Regional Jet 200	99.0	102.9	14
B737	Boeing - 737-700	98.4	102.0	1,161
B742	Boeing - 747-200	98.1	98.1	1
GALX	Gulfstream G200	97.2	95.8	2
B772	Boeing - 777-200	96.8	102.9	73



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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: Parkside Elementary School # 20</b>				
A320	Airbus - A320	96.2	101.8	393
BE20	Beech - Super King Air 200, 1300	95.6	95.6	1
B738	Boeing - 737-800	95.5	102.4	1,715
	N/A	95.3	100.2	107
CRJ9	Bombardier - Canada Regional Jet 900	95.3	100.6	25
MD11	Mcdonnell-Douglas - MD-11	95.3	96.5	46
DC10	Mcdonnell-Douglas - DC-10 (all series)	95.1	94.6	97
A343	Airbus - A340-300	94.7	93.4	20
B752	Boeing - 757-200	94.7	102.2	754
A333	Airbus - A330-300	94.7	102.5	82
A319	Airbus - A319	94.2	99.2	305
B734	Boeing - 737-400	94.2	102.9	832
FA50	Dassault-Breguet - Falcon 50, Mystere 50 (T-16)	94.1	93.1	8



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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: Parkside Elementary School # 20</b>				
MD83	Mcdonnell-Douglas - MD-80 Series	94.1	100.4	405
B733	Boeing - 737-300	94.0	100.0	379
MD82	Mcdonnell-Douglas - MD-80 Series	93.8	99.0	18
A332	Airbus - A330-200	93.0	95.7	28
B712	Boeing - 717-200	92.9	102.1	29
C680	Cessna Citation Sovereign	92.6	92.6	1
MD88	Mcdonnell-Douglas - MD-80 Series	92.6	92.6	1
B763	Boeing - 767-300	92.2	98.1	121
DH8D	Dehavilland - Dash 8, DHC8 - 400	91.6	103.0	530
B739	Boeing - 737-900	91.2	99.9	486
CRJ7	Bombardier - Canada Regional Jet 700	91.1	99.6	326
MD10	Mcdonnell-Douglas - DC-10	91.0	92.2	25
E120	Embraer - Brasilia EMB-120	90.4	99.9	86



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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: Parkside Elementary School # 20</b>				
C750	Cessna - Citation 10	89.9	89.8	2
E190	Embraer - EMB-190	89.9	97.0	29
A321	Airbus - A321	89.8	100.7	78
B753	Boeing - 757-300	89.8	98.5	166
AT43	Aerospatiale/Aeritalia - ATR-42-200/300/320	89.5	92.5	2
CRJ1	Bombardier - Canada Regional Jet 100	88.6	92.9	3
MD90	Mcdonnell-Douglas - MD-90	88.3	98.9	50
DH8C	Dehavilland - Dash 8, DHC8 - 300	87.4	92.4	11
FA10	Dassault-Breguet - Falcon 10, Mystere 10	87.1	87.1	1
B77W	N/A	86.7	88.9	16
B764	N/A	86.3	86.3	1
C525	Cessna - Citationjet C525	85.8	85.8	1
B747	Boeing - 747-200F	85.4	84.9	2



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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: Parkside Elementary School # 20</b>				
PA31	Piper - Chieftan, Mohave, Navajo, T-1020	85.3	85.3	1
B735	Boeing - 737-500	85.2	88.6	42
CL30	Bombardier Challenger 300	83.9	83.9	1
A306	Airbus - A300B4-600	83.5	86.3	14
A300	Airbus - A300	82.6	83.2	3
B757	Boeing - 757	82.3	82.3	1
BE40	Beech - Beechjet 400/T-1 Jayhawk	82.3	82.3	1
C650	Cessna - Citation 3/6/7	82.3	82.3	1
EPIC	N/A	81.3	81.3	1
P46T	Piper - Malibu Meridian	77.2	77.2	1
SR22	N/A	77.1	77.1	1
GLF4	Gulfstream - Gulfstream 4	77.0	77.0	1



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Average Aircraft Noise Level (SEL)

Between 4/1/2009 12:00:00 AM and 6/30/2009 11:59:59 PM (Local Time)

Single Event Noise (SEL): The total noise emitted by one over-flight or aircraft. Each single event will have a total noise level over the duration of the event called SEL (Sound Exposure Level) and a peak, which is the highest noise level reached by that event. It is important to distinguish single event noise levels from cumulative noise levels such as DNL. Single event noise level numbers are often higher than DNL numbers because DNL represents an average noise level over a period of time, generally a whole year.

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: Parkside Elementary School # 20</b>				
C560	Cessna - Citation 5	76.3	76.3	1
C550	Cessna - Citation 2/-S2	74.4	74.4	1
LJ31	Gates Learjet - Learjet 31	74.0	74.0	1
<b>Location: Mark Twain School # 21</b>				
B744	Boeing - 747-400	98.4	94.5	413
B743	Boeing - 747-300	94.9	96.0	2
MD11	Mcdonnell-Douglas - MD-11	94.0	92.6	91
B742	Boeing - 747-200	93.9	95.2	3
DC10	Mcdonnell-Douglas - DC-10 (all series)	93.0	94.6	185
A343	Airbus - A340-300	92.1	91.0	54
B738	Boeing - 737-800	91.9	95.6	4,530
	N/A	91.7	92.5	302
B772	Boeing - 777-200	91.5	88.9	187



Seattle Tacoma International Airport

Average Aircraft Noise Level (SEL)

Between 4/1/2009 12:00:00 AM and 6/30/2009 11:59:59 PM (Local Time)

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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: Mark Twain School # 21</b>				
MD88	Mcdonnell-Douglas - MD-80 Series	91.4	89.6	2
MD83	Mcdonnell-Douglas - MD-80 Series	91.3	94.0	910
GLF3	Gulfstream - Gulfstream 3	90.4	90.4	1
A320	Airbus - A320	90.2	101.7	1,220
A332	Airbus - A330-200	90.1	89.7	82
B737	Boeing - 737-700	89.7	99.7	3,163
B763	Boeing - 767-300	89.5	95.2	349
MD82	Mcdonnell-Douglas - MD-80 Series	89.5	92.3	28
B752	Boeing - 757-200	89.4	94.3	2,065
A321	Airbus - A321	89.3	87.5	223
A319	Airbus - A319	89.0	91.9	828
A333	Airbus - A330-300	88.8	89.6	208
DC93	N/A	88.8	88.8	1



## Seattle Tacoma International Airport

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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: Mark Twain School # 21</b>				
FA50	Dassault-Breguet - Falcon 50, Mystere 50 (T-16)	88.8	87.8	19
B733	Boeing - 737-300	88.3	96.3	906
CRJ2	Bombardier - Canada Regional Jet 200	86.8	88.7	24
CARJ	Canadair Bombardier - REGIONAL JET	86.3	87.1	2
B735	Boeing - 737-500	86.2	86.5	186
B739	Boeing - 737-900	86.1	97.4	1,295
MD10	Mcdonnell-Douglas - DC-10	85.8	89.2	61
E190	Embraer - EMB-190	85.8	85.8	71
B734	Boeing - 737-400	85.7	93.5	1,980
LJ35	Gates Learjet - Learjet 35, 36	85.7	82.7	2
H25B	British Aerospace (BAe) - BAe HS 125 Series 700/800	84.9	80.9	7
B753	Boeing - 757-300	84.8	88.0	556
A300	Airbus - A300	84.7	83.3	13



## Seattle Tacoma International Airport

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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: Mark Twain School # 21</b>				
B764	N/A	84.4	86.0	9
MD87	Mcdonnell-Douglas - MD-80 Series	83.9	83.9	1
B77W	N/A	83.6	87.7	37
H25C	British Aerospace (BAe) - BAe HS 125 Series 1000	83.3	82.0	2
BE40	Beech - Beechjet 400/T-1 Jayhawk	83.0	83.1	5
PA31	Piper - Chieftan, Mohave, Navajo, T-1020	82.9	82.9	1
B747	Boeing - 747-200F	82.8	82.1	2
A306	Airbus - A300B4-600	82.5	85.2	49
B757	Boeing - 757	82.0	82.0	1
C680	Cessna Citation Sovereign	81.8	79.8	3
C208	Cessna - Caravan 1- 208	81.3	81.3	1
C560	Cessna - Citation 5	81.2	84.5	3
F2TH	Dassault-Breguet - Falcon 2000	81.2	84.4	3



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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: Mark Twain School # 21</b>				
PA46	Piper - Malibu, Malibu Mirage	81.0	81.0	1
CRJ7	Bombardier - Canada Regional Jet 700	80.9	89.1	899
F900	Dassault-Breguet - Falcon 900, Mystere 900 (T-18)	80.7	77.7	2
MD90	Mcdonnell-Douglas - MD-90	80.5	86.1	124
DH8D	Dehavilland - Dash 8, DHC8 - 400	80.0	97.6	1,299
WW24	Israel - 1124 Westwind	79.9	79.9	1
B712	Boeing - 717-200	79.8	85.8	65
C650	Cessna - Citation 3/6/7	79.6	82.5	3
C56X	Cessna - Citation Excel	79.5	81.7	3
E120	Embraer - Brasilia EMB-120	79.4	91.4	216
LJ31	Gates Learjet - Learjet 31	78.6	78.6	1
CRJ1	Bombardier - Canada Regional Jet 100	78.2	84.3	7
FA10	Dassault-Breguet - Falcon 10, Mystere 10	78.1	78.1	1



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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: Mark Twain School # 21</b>				
D328	Dornier GmbH - Do 328 Series	77.2	77.2	1
CL30	Bombardier Challenger 300	77.1	78.4	2
DH8C	Dehavilland - Dash 8, DHC8 - 300	76.9	81.3	11
CRJ9	Bombardier - Canada Regional Jet 900	76.1	85.3	61
C550	Cessna - Citation 2/-S2	75.4	75.4	1
C500	Cessna - Citation 1	75.3	75.3	1
P46T	Piper - Malibu Meridian	75.3	75.3	1
C750	Cessna - Citation 10	75.2	73.4	2
BE9L	Beech - KingAir90, A90 to E90 (T-44, V-C6), Taurus 90	74.5	74.5	1
GLF4	Gulfstream - Gulfstream 4	74.3	76.3	4
GALX	Gulfstream G200	72.1	72.1	1
AT43	Aerospatiale/Aeritalia - ATR-42-200/300/320	71.9	71.9	1
PAY2	Piper - Cheyenne 2	70.7	71.8	2



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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: Sacajawea Jr. High School NMT # 22</b>				
B744	Boeing - 747-400	98.9	94.9	421
B742	Boeing - 747-200	94.4	95.6	3
B772	Boeing - 777-200	93.2	89.8	217
DC10	Mcdonnell-Douglas - DC-10 (all series)	93.0	94.3	211
MD11	Mcdonnell-Douglas - MD-11	93.0	91.2	87
B743	Boeing - 747-300	92.9	95.1	2
B738	Boeing - 737-800	91.4	96.3	5,771
B737	Boeing - 737-700	90.7	97.4	4,201
A332	Airbus - A330-200	90.6	90.4	96
B752	Boeing - 757-200	90.5	93.9	2,549
A343	Airbus - A340-300	90.4	89.3	56
	N/A	90.1	94.2	541
GLF3	Gulfstream - Gulfstream 3	90.0	90.0	1



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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: Sacajawea Jr. High School NMT # 22</b>				
A320	Airbus - A320	89.8	93.4	1,630
A319	Airbus - A319	89.7	90.9	1,093
B763	Boeing - 767-300	89.5	91.0	376
MD82	Mcdonnell-Douglas - MD-80 Series	89.2	92.2	33
FA50	Dassault-Breguet - Falcon 50, Mystere 50 (T-16)	89.2	96.2	26
A333	Airbus - A330-300	88.8	91.8	202
DC93	N/A	88.4	88.4	1
MD83	Mcdonnell-Douglas - MD-80 Series	87.9	93.4	1,097
A321	Airbus - A321	87.9	88.1	256
A306	Airbus - A300B4-600	87.5	86.9	54
B733	Boeing - 737-300	87.5	91.4	1,161
LJ35	Gates Learjet - Learjet 35, 36	87.2	86.3	2
MD10	Mcdonnell-Douglas - DC-10	87.1	88.0	65



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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: Sacajawea Jr. High School NMT # 22</b>				
MD88	Mcdonnell-Douglas - MD-80 Series	87.1	86.0	2
B739	Boeing - 737-900	87.0	98.7	1,613
A300	Airbus - A300	87.0	87.9	14
B735	Boeing - 737-500	86.7	87.0	277
B747	Boeing - 747-200F	86.4	85.0	2
B734	Boeing - 737-400	86.3	93.8	2,528
CRJ9	Bombardier - Canada Regional Jet 900	86.2	84.5	120
GALX	Gulfstream G200	86.0	88.1	6
B753	Boeing - 757-300	85.6	91.6	647
E190	Embraer - EMB-190	85.2	89.7	84
F2TH	Dassault-Breguet - Falcon 2000	85.1	85.1	1
B764	N/A	85.1	82.9	7
CRJ7	Bombardier - Canada Regional Jet 700	85.0	96.1	1,794



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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: Sacajawea Jr. High School NMT # 22</b>				
C650	Cessna - Citation 3/6/7	85.0	89.6	3
B77W	N/A	84.5	88.0	40
PAY2	Piper - Cheyenne 2	83.9	83.9	1
MD90	Mcdonnell-Douglas - MD-90	83.9	89.6	158
CRJ2	Bombardier - Canada Regional Jet 200	83.7	87.2	73
DH8D	Dehavilland - Dash 8, DHC8 - 400	83.6	99.5	3,958
B712	Boeing - 717-200	82.7	85.8	86
C750	Cessna - Citation 10	82.6	86.9	9
C208	Cessna - Caravan 1- 208	81.7	81.7	1
H25B	British Aerospace (BAe) - BAe HS 125 Series 700/800	81.3	81.7	8
F900	Dassault-Breguet - Falcon 900, Mystere 900 (T-18)	80.9	79.0	2
PA31	Piper - Chieftan, Mohave, Navajo, T-1020	80.8	80.8	1
E120	Embraer - Brasilia EMB-120	80.8	90.6	464



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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: Sacajawea Jr. High School NMT # 22</b>				
AT43	Aerospatiale/Aeritalia - ATR-42-200/300/320	80.7	88.6	9
EPIC	N/A	80.4	80.4	1
PC12	Pilatus Flugzeugwerke Ag - PC-12	78.9	78.9	1
H25C	British Aerospace (BAe) - BAe HS 125 Series 1000	78.7	76.5	3
CL30	Bombardier Challenger 300	78.7	80.2	2
AT72	Aerospatiale/Aeritalia - ATR-72	78.4	78.7	2
GLF4	Gulfstream - Gulfstream 4	78.3	81.6	6
B757	Boeing - 757	77.8	77.8	1
PA46	Piper - Malibu, Malibu Mirage	77.5	77.5	1
MD87	Mcdonnell-Douglas - MD-80 Series	77.2	77.2	1
C56X	Cessna - Citation Excel	77.1	75.7	6
E145	Embraer - EMB-145	77.1	77.1	1
P46T	Piper - Malibu Meridian	77.0	77.0	1



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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: Sacajawea Jr. High School NMT # 22</b>				
C550	Cessna - Citation 2/-S2	76.7	76.7	1
DH8C	Dehavilland - Dash 8, DHC8 - 300	76.6	81.4	106
BE20	Beech - Super King Air 200, 1300	75.6	78.1	3
BE40	Beech - Beechjet 400/T-1 Jayhawk	75.4	73.1	3
C560	Cessna - Citation 5	75.3	78.8	4
DH8A	Dehavilland - Dash 8, DHC8 - 100	75.2	76.4	3
CRJ1	Bombardier - Canada Regional Jet 100	74.5	77.6	14
WW24	Israel - 1124 Westwind	74.4	74.4	1
CL60	Canadair Bombardier - CL600/610 Challenger	74.2	76.2	2
CARJ	Canadair Bombardier - REGIONAL JET	73.4	75.5	4
LJ40	N/A	71.0	71.0	1
EA50	Eclipse Aviation – Eclipse 500	70.5	71.3	2
C500	Cessna - Citation 1	69.9	71.5	2



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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: Sacajawea Jr. High School NMT # 22</b>				
C25A	Cessna - Citation CJ2	69.9	69.9	1
C680	Cessna Citation Sovereign	68.3	68.3	1
<b>Location: Meredith Hills Elementary NMT # 23</b>				
B744	Boeing - 747-400	89.1	88.1	80
A343	Airbus - A340-300	88.0	87.3	24
A321	Airbus - A321	85.7	84.5	119
MD11	Mcdonnell-Douglas - MD-11	85.2	88.7	17
CRJ1	Bombardier - Canada Regional Jet 100	84.6	84.6	1
B743	Boeing - 747-300	84.5	84.5	1
B752	Boeing - 757-200	83.8	86.8	130
A320	Airbus - A320	83.4	84.5	70
CRJ2	Bombardier - Canada Regional Jet 200	83.0	85.9	2
A333	Airbus - A330-300	82.7	85.5	47



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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: Meredith Hills Elementary NMT # 23</b>				
B738	Boeing - 737-800	82.6	94.6	271
A332	Airbus - A330-200	80.9	85.6	17
MD83	Mcdonnell-Douglas - MD-80 Series	80.4	88.9	205
B772	Boeing - 777-200	80.2	79.1	3
B739	Boeing - 737-900	80.0	87.0	21
MD82	Mcdonnell-Douglas - MD-80 Series	79.9	83.5	5
B737	Boeing - 737-700	79.9	82.1	123
B733	Boeing - 737-300	79.9	87.8	58
B763	Boeing - 767-300	79.8	82.8	16
A319	Airbus - A319	79.0	79.9	64
CRJ7	Bombardier - Canada Regional Jet 700	78.0	90.8	33
B734	Boeing - 737-400	77.8	81.5	14
DC10	Mcdonnell-Douglas - DC-10 (all series)	77.6	79.4	29



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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: Meredith Hills Elementary NMT # 23</b>				
E120	Embraer - Brasilia EMB-120	77.5	84.0	19
C560	Cessna - Citation 5	76.6	76.6	1
	N/A	76.5	82.3	24
B712	Boeing - 717-200	76.0	80.2	8
MD10	Mcdonnell-Douglas - DC-10	75.7	84.1	11
E190	Embraer - EMB-190	75.4	81.1	36
B764	N/A	75.0	76.4	2
A306	Airbus - A300B4-600	74.3	76.6	2
B735	Boeing - 737-500	74.1	78.7	16
DH8D	Dehavilland - Dash 8, DHC8 - 400	73.4	83.8	120
B753	Boeing - 757-300	72.9	80.4	16
FA50	Dassault-Breguet - Falcon 50, Mystere 50 (T-16)	69.3	69.3	1
C650	Cessna - Citation 3/6/7	69.2	69.2	1



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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: Meredith Hills Elementary NMT # 23</b>				
BE40	Beech - Beechjet 400/T-1 Jayhawk	68.7	68.7	1
B742	Boeing - 747-200	67.7	68.1	3
MD88	Mcdonnell-Douglas - MD-80 Series	67.2	67.2	1
<b>Location: Federal Way Public School Maintenance Building NMT # 24</b>				
GLF3	Gulfstream - Gulfstream 3	115.2	115.2	1
B744	Boeing - 747-400	95.8	92.3	347
B743	Boeing - 747-300	95.2	95.2	1
B735	Boeing - 737-500	94.3	112.4	76
B742	Boeing - 747-200	92.4	93.6	3
DC10	Mcdonnell-Douglas - DC-10 (all series)	92.1	92.6	127
B772	Boeing - 777-200	89.5	89.9	137
B737	Boeing - 737-700	89.4	99.6	841
A319	Airbus - A319	89.4	88.6	323



## Seattle Tacoma International Airport

### Average Aircraft Noise Level (SEL)

Between 4/1/2009 12:00:00 AM and 6/30/2009 11:59:59 PM (Local Time)

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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: Federal Way Public School Maintenance Building NMT # 24</b>				
MD11	Mcdonnell-Douglas - MD-11	89.3	86.7	69
B752	Boeing - 757-200	88.2	94.7	374
	N/A	88.1	90.5	204
A320	Airbus - A320	88.0	87.1	576
FA50	Dassault-Breguet - Falcon 50, Mystere 50 (T-16)	87.9	85.1	4
B738	Boeing - 737-800	87.6	92.9	1,807
CRJ2	Bombardier - Canada Regional Jet 200	87.3	91.1	4
MD83	Mcdonnell-Douglas - MD-80 Series	87.0	91.7	593
A300	Airbus - A300	86.9	86.4	6
A332	Airbus - A330-200	86.8	89.9	75
B763	Boeing - 767-300	86.5	86.2	247
A343	Airbus - A340-300	85.7	85.1	29
MD10	Mcdonnell-Douglas - DC-10	85.6	86.9	40



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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: Federal Way Public School Maintenance Building NMT # 24</b>				
DC93	N/A	85.5	85.5	1
A333	Airbus - A330-300	85.5	90.8	134
MD82	Mcdonnell-Douglas - MD-80 Series	85.2	89.9	22
A321	Airbus - A321	85.0	85.9	120
B739	Boeing - 737-900	84.9	94.0	775
CRJ9	Bombardier - Canada Regional Jet 900	84.9	87.3	9
CRJ7	Bombardier - Canada Regional Jet 700	84.6	88.5	122
DH8D	Dehavilland - Dash 8, DHC8 - 400	84.3	92.6	261
B733	Boeing - 737-300	84.2	90.5	390
LJ35	Gates Learjet - Learjet 35, 36	84.2	84.2	1
B734	Boeing - 737-400	84.1	89.6	1,233
A306	Airbus - A300B4-600	84.0	85.0	26
B753	Boeing - 757-300	83.9	87.9	199



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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: Federal Way Public School Maintenance Building NMT # 24</b>				
B747	Boeing - 747-200F	83.8	83.8	1
B764	N/A	83.5	82.1	4
B77W	N/A	82.1	85.9	28
B712	Boeing - 717-200	82.1	80.8	8
PAY2	Piper - Cheyenne 2	82.1	82.1	1
E120	Embraer - Brasilia EMB-120	81.8	85.4	13
MD90	Mcdonnell-Douglas - MD-90	81.7	82.9	33
EPIC	N/A	81.1	81.1	1
E190	Embraer - EMB-190	80.8	83.8	11
BE40	Beech - Beechjet 400/T-1 Jayhawk	79.6	79.6	1
MD88	Mcdonnell-Douglas - MD-80 Series	79.2	79.2	1
C750	Cessna - Citation 10	78.1	78.1	1
GALX	Gulfstream G200	78.1	78.1	1



Seattle Tacoma International Airport

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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: Federal Way Public School Maintenance Building NMT # 24</b>				
H25B	British Aerospace (BAe) - BAe HS 125 Series 700/800	78.0	78.0	1
GLF4	Gulfstream - Gulfstream 4	77.4	77.4	1
PC12	Pilatus Flugzeugwerke Ag - PC-12	76.8	76.8	1
DH8C	Dehavilland - Dash 8, DHC8 - 300	75.5	75.5	1
F900	Dassault-Breguet - Falcon 900, Mystere 900 (T-18)	75.3	75.3	1
<b>Location: Twin Lakes Elementary School NMT # 25</b>				
B744	Boeing - 747-400	91.2	88.1	98
B742	Boeing - 747-200	90.1	90.1	1
B743	Boeing - 747-300	89.6	89.6	1
MD83	Mcdonnell-Douglas - MD-80 Series	86.0	88.1	2
MD11	Mcdonnell-Douglas - MD-11	85.9	85.0	15
DC10	Mcdonnell-Douglas - DC-10 (all series)	84.2	87.6	14
B737	Boeing - 737-700	84.2	99.4	123



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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: Twin Lakes Elementary School NMT # 25</b>				
	N/A	83.8	87.0	35
B772	Boeing - 777-200	83.1	84.5	61
A332	Airbus - A330-200	82.3	81.3	10
E190	Embraer - EMB-190	81.2	81.2	1
B738	Boeing - 737-800	80.7	88.9	597
B739	Boeing - 737-900	80.5	81.8	244
B752	Boeing - 757-200	79.5	86.5	22
A333	Airbus - A330-300	79.1	84.2	49
DH8D	Dehavilland - Dash 8, DHC8 - 400	78.4	89.5	52
MD10	Mcdonnell-Douglas - DC-10	78.0	78.6	3
B763	Boeing - 767-300	78.0	83.7	88
CRJ7	Bombardier - Canada Regional Jet 700	77.7	83.1	4
B77W	N/A	77.6	80.5	9



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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b>Location: Twin Lakes Elementary School NMT # 25</b>				
B734	Boeing - 737-400	77.6	94.3	525
B733	Boeing - 737-300	77.0	83.3	86
B753	Boeing - 757-300	77.0	79.5	66
B735	Boeing - 737-500	76.4	73.9	8
A320	Airbus - A320	76.3	77.6	43
A319	Airbus - A319	76.1	79.2	21
A343	Airbus - A340-300	75.4	77.6	2
DH8C	Dehavilland - Dash 8, DHC8 - 300	75.3	80.9	10
A300	Airbus - A300	74.6	74.9	3
A306	Airbus - A300B4-600	73.3	79.3	17
E120	Embraer - Brasilia EMB-120	73.0	77.5	5



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Aircraft	Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<b><u>Overall Levels</u></b>			
Avg. SEL dB(A)	82.7		
Max. SEL dB(A)	86.0		
Total AC NE	263,569		