

Seattle Tacoma International Airport  
Average Aircraft Noise Level (SEL)  
Between 10/1/2008 12:00:00 AM and 12/31/2008 11:59:59 PM (Local Time)

Aircraft	Location: Maple Leaf Reservoir on 82 <sup>nd</sup> Street	Avg. SEL dB(A)	NMT # 3 Max. SEL dB(A)	AC Noise Events
B752	Boeing - 757-200	90.8	95.7	75
B744	Boeing - 747-400	88.9	83.9	60
GLF2	Gulfstream - Gulfstream 2	88.4	88.4	1
B733	Boeing - 737-300	88.3	92.1	170
B737	Boeing - 737-700	88.1	91.3	208
B738	Boeing - 737-800	87.1	92.6	365
E190	Embraer - EMB-190	87.0	85.4	13
A319	Airbus - A319	86.4	88.0	73
A320	Airbus - A320	86.3	85.8	151
B772	Boeing - 777-200	86.2	84.6	19
A332	Airbus - A330-200	85.8	92.2	62
MD83	Mcdonnell-Douglas - MD-80 Series	84.9	87.4	70
MD11	Mcdonnell-Douglas - MD-11	84.6	85.7	8
CRJ7	Bombardier - Canada Regional Jet 700	83.7	87.8	87
A333	Airbus - A330-300	83.5	84.4	17
B734	Boeing - 737-400	83.3	94.5	342

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.

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	N/A	82.9	88.5	149
A343	Airbus - A340-300	82.8	83.6	13
AT43	Aerospatiale/Aeritalia - ATR-42-200/300/320	82.1	86.4	4
B739	Boeing - 737-900	81.5	90.8	149
B735	Boeing - 737-500	81.4	81.7	13
MD90	Mcdonnell-Douglas - MD-90	81.3	84.9	5
B753	Boeing - 757-300	81.2	87.5	68
DH8B	Dehavilland - Dash 8, DHC8 - 200	81.0	82.0	2
CL60	Canadair Bombardier - CL600/610 Challenger	80.6	80.6	1
FA50	Dassault-Breguet - Falcon 50, Mystere 50 (T-16)	80.5	80.5	1
E120	Embraer - Brasilia EMB-120	80.4	84.4	7
A321	Airbus - A321	80.3	78.2	5
B763	Boeing - 767-300	79.8	80.5	19
DH8D	Dehavilland - Dash 8, DHC8 - 400	79.6	87.3	117
DC10	Mcdonnell-Douglas - DC-10 (all series)	79.1	84.0	23
B721	Boeing - 727-100 (C-22)	79.1	79.1	1
CRJ1	Bombardier - Canada Regional Jet 100	78.9	79.1	2
B77W	N/A	78.5	83.8	6

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.

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DH8C	Dehavilland - Dash 8, DHC8 - 300	78.5	81.5	12
A306	Airbus - A300B4-600	78.5	82.6	11
F2TH	Dassault-Breguet - Falcon 2000	78.4	78.4	1
MD82	Mcdonnell-Douglas - MD-80 Series	78.3	80.0	2
DH8A	Dehavilland - Dash 8, DHC8 - 100	78.0	78.6	2
A310	Airbus - A310	77.3	77.3	1
A300	Airbus - A300	77.2	80.4	6
A318	Airbus - A318	77.1	79.7	5
MD10	Mcdonnell-Douglas - DC-10	76.7	81.1	28
BE99	Beech - Airliner99	75.8	76.1	2
B712	Boeing - 717-200	75.5	75.5	1
B747	Boeing - 747-200F	71.9	71.9	1

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Average Aircraft Noise Level (SEL)  
Between 10/1/2008 12:00:00 AM and 12/31/2008 11:59:59 PM (Local Time)

Location: Magnolia School at 2418 28<sup>th</sup> Ave W

NMT # 4

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
B737	Boeing - 737-700	87.5	95.7	17
B744	Boeing - 747-400	84.8	83.9	4
A320	Airbus - A320	84.7	82.1	15
MD10	Mcdonnell-Douglas - DC-10	82.3	84.6	2
MD11	Mcdonnell-Douglas - MD-11	81.9	81.9	1
B733	Boeing - 737-300	81.8	79.6	7
CRJ7	Bombardier - Canada Regional Jet 700	81.7	84.9	3
	N/A	81.6	87.6	14
B734	Boeing - 737-400	81.3	90.9	21
DC10	Mcdonnell-Douglas - DC-10 (all series)	80.0	83.4	5
A319	Airbus - A319	78.7	78.3	7
B739	Boeing - 737-900	78.6	83.6	13
A332	Airbus - A330-200	78.5	78.5	1
B738	Boeing - 737-800	77.7	83.5	30

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Seattle Tacoma International Airport  
Average Aircraft Noise Level (SEL)

Between 10/1/2008 12:00:00 AM and 12/31/2008 11:59:59 PM (Local Time)

Aircraft Type	Model	SEL (dB)	Count
B752	Boeing - 757-200	77.6	3
DH8D	Dehavilland - Dash 8, DHC8 - 400	77.4	11
DH8B	Dehavilland - Dash 8, DHC8 - 200	77.1	1
B753	Boeing - 757-300	76.7	9
B763	Boeing - 767-300	76.3	13
B77W	N/A	75.2	1
B772	Boeing - 777-200	73.8	1
B735	Boeing - 737-500	69.9	1

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Average Aircraft Noise Level (SEL)  
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Location: Medina Elementary School

NMT # 5

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
MD83	Mcdonnell-Douglas - MD-80 Series	81.6	84.1	3
DH8D	Dehavilland - Dash 8, DHC8 - 400	81.6	90.6	12
CRJ9	Bombardier - Canada Regional Jet 900	79.9	79.9	1
B738	Boeing - 737-800	78.1	75.5	5
A320	Airbus - A320	77.5	77.5	1
B737	Boeing - 737-700	77.2	75.1	4
B739	Boeing - 737-900	76.9	79.6	3
MD10	Mcdonnell-Douglas - DC-10	76.3	76.7	3
B763	Boeing - 767-300	75.4	75.4	1
	N/A	75.0	78.6	3
B753	Boeing - 757-300	72.7	72.7	1
DH8B	Dehavilland - Dash 8, DHC8 - 200	72.7	72.7	1
B752	Boeing - 757-200	71.9	71.9	1
DC10	Mcdonnell-Douglas - DC-10 (all series)	71.6	71.6	1
B733	Boeing - 737-300	69.7	70.5	3

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Location: Hamilton Viewpoint Park

NMT # 6

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
B744	Boeing - 747-400	88.8	88.2	28
B741	Boeing - 747-100	86.6	86.6	1
B738	Boeing - 737-800	85.3	85.1	26
A320	Airbus - A320	84.1	80.1	7
DH8D	Dehavilland - Dash 8, DHC8 - 400	83.9	89.3	4
	N/A	83.4	89.7	20
B733	Boeing - 737-300	82.6	83.4	7
B772	Boeing - 777-200	82.5	81.0	3
A332	Airbus - A330-200	81.5	79.5	6
A319	Airbus - A319	81.2	80.6	4
CRJ7	Bombardier - Canada Regional Jet 700	80.2	80.2	1
B763	Boeing - 767-300	80.0	80.3	2
E120	Embraer - Brasilia EMB-120	79.9	79.9	1
B737	Boeing - 737-700	79.9	80.2	11
MD10	Mcdonnell-Douglas - DC-10	79.1	81.8	7

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B734	Boeing - 737-400	78.6	86.5	14
MD11	Mcdonnell-Douglas - MD-11	78.1	78.1	1
B77W	N/A	77.9	81.8	12
B739	Boeing - 737-900	77.7	77.9	13
B752	Boeing - 757-200	77.5	75.7	3
DC10	Mcdonnell-Douglas - DC-10 (all series)	77.3	81.0	5
DH8B	Dehavilland - Dash 8, DHC8 - 200	76.7	79.5	3
A321	Airbus - A321	76.0	77.0	4
B753	Boeing - 757-300	75.6	79.0	11
A333	Airbus - A330-300	74.4	74.4	1

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**Average Aircraft Noise Level (SEL)**  
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Location: Central Area Senior Center at 500 30<sup>th</sup> Ave S

NMT # 7

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
B737	Boeing - 737-700	98.8	99.0	1,481
B744	Boeing - 747-400	87.5	87.2	187
MD83	Mcdonnell-Douglas - MD-80 Series	85.7	99.1	458
A319	Airbus - A319	85.6	99.8	536
B733	Boeing - 737-300	85.5	97.7	890
A320	Airbus - A320	85.3	93.3	718
B738	Boeing - 737-800	85.3	98.9	2,583
	N/A	84.8	89.2	694
MD82	Mcdonnell-Douglas - MD-80 Series	84.8	90.9	15
B734	Boeing - 737-400	84.6	97.6	1,882
B752	Boeing - 757-200	84.5	94.1	764
B742	Boeing - 747-200	84.2	85.0	4
A332	Airbus - A330-200	83.7	84.5	257
AT43	Aerospatiale/Aeritalia - ATR-42-200/300/320	83.4	90.1	5
B741	Boeing - 747-100	83.3	85.3	2

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A343	Airbus - A340-300	82.6	86.6	47
B739	Boeing - 737-900	82.6	95.7	830
B721	Boeing - 727-100 (C-22)	82.5	82.5	1
MD11	Mcdonnell-Douglas - MD-11	82.4	83.1	26
B753	Boeing - 757-300	82.2	99.2	367
A333	Airbus - A330-300	82.1	88.3	81
A321	Airbus - A321	81.8	81.6	62
DH8B	Dehavilland - Dash 8, DHC8 - 200	81.7	99.0	68
B772	Boeing - 777-200	81.5	82.5	141
E120	Embraer - Brasilia EMB-120	81.3	99.4	87
DH8D	Dehavilland - Dash 8, DHC8 - 400	81.0	100.9	1,208
B763	Boeing - 767-300	80.9	83.7	124
MD10	Mcdonnell-Douglas - DC-10	80.7	87.2	103
DC10	Mcdonnell-Douglas - DC-10 (all series)	80.4	86.4	125
CRJ7	Bombardier - Canada Regional Jet 700	80.3	98.1	484
B764	N/A	80.0	80.0	1
B747	Boeing - 747-200F	80.0	78.5	2
CRJ1	Bombardier - Canada Regional Jet 100	79.8	86.1	8

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E190	Embraer - EMB-190	79.3	80.8	62
FA50	Dassault-Breguet - Falcon 50, Mystere 50 (T-16)	78.6	77.4	2
A306	Airbus - A300B4-600	78.5	83.2	43
B735	Boeing - 737-500	78.4	83.6	50
MD90	Mcdonnell-Douglas - MD-90	78.2	81.7	77
A310	Airbus - A310	78.1	82.0	9
B762	Boeing - 767-200	78.0	78.0	1
CRJ2	Bombardier - Canada Regional Jet 200	77.6	80.2	18
A300	Airbus - A300	77.4	80.6	20
CRJ9	Bombardier - Canada Regional Jet 900	76.9	79.2	30
P180	Avanti P-180	76.8	76.8	1
CL30	Bombardier Challenger 300	76.2	74.3	2
C402	Cessna - Cessna 401, 402, Utiliner, Businessliner	75.9	75.9	1
H25B	British Aerospace (BAe) - BAe HS 125 Series 700/800	75.9	75.9	1
C56X	Cessna - Citation Excel	75.7	74.3	4
B77W	N/A	75.7	82.9	27
C750	Cessna - Citation 10	75.5	77.3	2
DH8A	Dehavilland - Dash 8, DHC8 - 100	75.0	80.7	6

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B712	Boeing - 717-200	74.8	83.2	27
A318	Airbus - A318	74.5	79.5	23
DH8C	Dehavilland - Dash 8, DHC8 - 300	74.3	80.6	31
WW24	Israel - 1124 Westwind	73.9	73.9	1
C208	Cessna - Caravan 1- 208,(Super) Cargomaster, Grand Caravan (U27)		73.6	73.6 1
PA31	Piper - Chieftan, Mohave, Navajo, T-1020	73.3	73.3	1
MD87	Mcdonnell-Douglas - MD-80 Series	72.4	72.4	1
GLF2	Gulfstream - Gulfstream 2	72.2	72.2	1
BE99	Beech - Airliner99	72.1	73.3	2
PA32	Piper - Cherokee Six, Lance, (Turbo) Saratoga	71.4	71.4	1
E170	N/A	71.3	71.3	1
BE20	Beech - Super King Air 200, 1300	69.6	69.6	1
C680	Cessna Citation Sovereign	69.2	69.2	1

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Seattle Tacoma International Airport  
Average Aircraft Noise Level (SEL)  
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Location: Mercer View Community Center

NMT # 8

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
B752	Boeing - 757-200	89.9	92.9	32
A319	Airbus - A319	86.5	85.7	35
B738	Boeing - 737-800	86.4	87.0	186
B772	Boeing - 777-200	84.9	84.7	2
CRJ7	Bombardier - Canada Regional Jet 700	84.8	87.2	14
B733	Boeing - 737-300	84.5	89.9	67
B744	Boeing - 747-400	84.4	86.6	3
B737	Boeing - 737-700	83.4	86.5	96
MD83	Mcdonnell-Douglas - MD-80 Series	82.7	84.4	72
CRJ9	Bombardier - Canada Regional Jet 900	82.4	85.0	2
B739	Boeing - 737-900	81.6	91.3	55
A321	Airbus - A321	81.4	80.7	8
B753	Boeing - 757-300	81.4	84.4	11
A320	Airbus - A320	81.2	80.5	26
MD82	Mcdonnell-Douglas - MD-80 Series	80.2	79.0	4

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B712	Boeing - 717-200	80.1	80.1	1
A318	Airbus - A318	79.7	87.5	7
B735	Boeing - 737-500	79.3	85.8	9
DH8D	Dehavilland - Dash 8, DHC8 - 400	79.2	84.8	122
DH8B	Dehavilland - Dash 8, DHC8 - 200	79.1	81.2	7
B742	Boeing - 747-200	79.1	80.4	2
B734	Boeing - 737-400	78.8	86.1	77
	N/A	78.4	83.0	53
DC10	Mcdonnell-Douglas - DC-10 (all series)	78.1	86.2	15
B763	Boeing - 767-300	77.8	75.4	6
CRJ2	Bombardier - Canada Regional Jet 200	77.5	83.1	10
A310	Airbus - A310	77.0	77.0	1
MD10	Mcdonnell-Douglas - DC-10	76.8	80.6	10
E120	Embraer - Brasilia EMB-120	76.0	78.4	2
BE40	Beech - Beechjet 400/T-1 Jayhawk	76.0	76.0	1
A306	Airbus - A300B4-600	74.6	77.1	2
MD90	Mcdonnell-Douglas - MD-90	74.4	79.0	8

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E190	Embraer - EMB-190	74.0	74.5	3
F2TH	Dassault-Breguet - Falcon 2000	72.0	72.0	1
A300	Airbus - A300	69.7	70.4	2

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Location: Beacon Hill Reservoir at 16<sup>th</sup> Ave S & S Dakota Street

NMT # 9

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
C560	Cessna - Citation 5	97.8	97.8	1
	N/A	95.6	97.5	971
B744	Boeing - 747-400	95.4	93.6	220
A320	Airbus - A320	92.7	97.1	917
B737	Boeing - 737-700	92.6	100.3	2,351
A319	Airbus - A319	92.5	98.1	629
B772	Boeing - 777-200	92.4	98.2	174
C56X	Cessna - Citation Excel	92.2	91.2	3
B733	Boeing - 737-300	92.2	94.3	1,032
B752	Boeing - 757-200	92.1	100.5	1,071
B738	Boeing - 737-800	91.9	100.3	3,417
GLF2	Gulfstream - Gulfstream 2	91.7	91.7	1
MD11	Mcdonnell-Douglas - MD-11	91.3	89.8	27
A332	Airbus - A330-200	91.0	95.3	277
MD10	Mcdonnell-Douglas - DC-10	90.8	91.0	119

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.

Seattle Tacoma International Airport  
Average Aircraft Noise Level (SEL)  
Between 10/1/2008 12:00:00 AM and 12/31/2008 11:59:59 PM (Local Time)

MD83	Mcdonnell-Douglas - MD-80 Series	90.6	94.4	466
B721	Boeing - 727-100 (C-22)	90.1	90.1	1
E120	Embraer - Brasilia EMB-120	89.8	93.6	128
C750	Cessna - Citation 10	89.8	91.4	3
A333	Airbus - A330-300	89.5	90.4	83
DC10	Mcdonnell-Douglas - DC-10 (all series)	89.4	91.6	150
B734	Boeing - 737-400	89.3	99.3	2,369
MD82	Mcdonnell-Douglas - MD-80 Series	89.2	88.8	12
B742	Boeing - 747-200	89.1	86.9	4
E190	Embraer - EMB-190	89.0	88.3	51
A343	Airbus - A340-300	89.0	89.6	46
CRJ7	Bombardier - Canada Regional Jet 700	88.3	96.4	1,055
H25B	British Aerospace (BAe) - BAe HS 125 Series 700/800	88.2	86.9	2
B763	Boeing - 767-300	88.2	97.8	233
B739	Boeing - 737-900	88.0	99.5	1,127
B753	Boeing - 757-300	87.7	95.1	563
DH8D	Dehavilland - Dash 8, DHC8 - 400	87.4	98.3	1,869
CRJ2	Bombardier - Canada Regional Jet 200	87.3	84.8	33

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.

Seattle Tacoma International Airport  
Average Aircraft Noise Level (SEL)  
Between 10/1/2008 12:00:00 AM and 12/31/2008 11:59:59 PM (Local Time)

A321	Airbus - A321	87.3	87.9	66
B747	Boeing - 747-200F	87.1	84.2	2
P180	Avanti P-180	86.8	90.1	3
C680	Cessna Citation Sovereign	86.7	85.9	3
DH8B	Dehavilland - Dash 8, DHC8 - 200	86.4	94.4	77
B735	Boeing - 737-500	86.3	88.5	66
B741	Boeing - 747-100	86.2	86.6	3
B712	Boeing - 717-200	86.1	95.6	24
FA50	Dassault-Breguet - Falcon 50, Mystere 50 (T-16)	85.6	81.7	3
CRJ9	Bombardier - Canada Regional Jet 900	85.6	92.9	37
PC12	Pilatus Flugzeugwerke Ag - PC-12	85.5	82.1	3
MD90	Mcdonnell-Douglas - MD-90	85.4	94.9	82
CL30	Bombardier Challenger 300	85.4	82.9	2
A300	Airbus - A300	85.1	88.5	21
A310	Airbus - A310	84.8	88.5	9
BE9L	Beech - KingAir90, A90 to E90 (T-44, V-C6), Taurus 90	84.4	84.4	1
A306	Airbus - A300B4-600	84.4	89.4	54
AT43	Aerospatiale/Aeritalia - ATR-42-200/300/320	84.1	92.8	22

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.

Seattle Tacoma International Airport  
Average Aircraft Noise Level (SEL)  
Between 10/1/2008 12:00:00 AM and 12/31/2008 11:59:59 PM (Local Time)

B77W	N/A	84.0	86.3	44
B764	N/A	83.7	83.7	1
DH8C	Dehavilland - Dash 8, DHC8 - 300	83.6	94.8	72
C25A	Cessna - Citation CJ2	83.2	83.2	1
F900	Dassault-Breguet - Falcon 900, Mystere 900 (T-18)	83.2	83.2	1
A318	Airbus - A318	83.1	88.8	19
BE99	Beech - Airliner99	83.0	85.2	4
F2TH	Dassault-Breguet - Falcon 2000	82.4	82.4	1
C208	Cessna - Caravan 1- 208,(Super) Cargomaster, Grand Caravan (U27)		82.2	83.2 2
C172	Cessna - Skyhawk 172/Cutlass/Mescalero	82.0	82.0	1
WW24	Israel - 1124 Westwind	82.0	82.0	1
C402	Cessna - Cessna 401, 402, Utiliner, Businessliner	81.7	81.7	1
PA34	Piper - Seneca 2/3	81.5	81.5	1
CRJ1	Bombardier - Canada Regional Jet 100	81.3	84.0	13
B732	Boeing - 737-200 (Surveiller, CT-43, VC-96)	81.3	81.3	1
CL60	Canadair Bombardier - CL600/610 Challenger	80.7	80.7	1
DH8A	Dehavilland - Dash 8, DHC8 - 100	80.6	81.8	4

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.

Seattle Tacoma International Airport  
Average Aircraft Noise Level (SEL)

Between 10/1/2008 12:00:00 AM and 12/31/2008 11:59:59 PM (Local Time)

MD87	Mcdonnell-Douglas - MD-80 Series	80.4	80.4	1
LJ31	Gates Learjet - Learjet 31	80.1	80.1	1
BE40	Beech - Beechjet 400/T-1 Jayhawk	79.8	79.8	1
GLF4	Gulfstream - Gulfstream 4	79.6	79.6	1
G150	Gulfstream – G150	78.2	78.2	1

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.

Seattle Tacoma International Airport  
Average Aircraft Noise Level (SEL)  
Between 10/1/2008 12:00:00 AM and 12/31/2008 11:59:59 PM (Local Time)

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

NMT # 10

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
A332	Airbus - A330-200	96.8	107.3	129
B744	Boeing - 747-400	88.0	87.5	92
B738	Boeing - 737-800	87.8	104.7	1,438
A319	Airbus - A319	87.7	95.4	217
	N/A	86.7	90.8	445
MD83	Mcdonnell-Douglas - MD-80 Series	86.1	93.0	200
A320	Airbus - A320	85.3	91.4	325
C56X	Cessna - Citation Excel	85.1	84.5	2
B752	Boeing - 757-200	84.9	97.8	519
B737	Boeing - 737-700	84.7	97.8	911
C414	Cessna - Chancellor 414, Rocket Power	84.6	84.6	1
B772	Boeing - 777-200	83.9	89.9	100
B733	Boeing - 737-300	83.8	103.4	559
A333	Airbus - A330-300	83.2	87.5	33
DH8A	Dehavilland - Dash 8, DHC8 - 100	82.9	88.8	5

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.

Seattle Tacoma International Airport  
Average Aircraft Noise Level (SEL)  
Between 10/1/2008 12:00:00 AM and 12/31/2008 11:59:59 PM (Local Time)

MD11	Mcdonnell-Douglas - MD-11	82.8	81.8	3
B741	Boeing - 747-100	82.7	82.7	1
B734	Boeing - 737-400	82.1	92.9	1,180
B735	Boeing - 737-500	82.0	82.7	28
E190	Embraer - EMB-190	81.9	84.1	23
B742	Boeing - 747-200	81.9	81.9	1
DH8D	Dehavilland - Dash 8, DHC8 - 400	81.8	97.0	1,108
CRJ7	Bombardier - Canada Regional Jet 700	81.7	93.7	495
CRJ2	Bombardier - Canada Regional Jet 200	81.6	88.0	19
GALX	Gulfstream G200	81.6	81.6	1
FA50	Dassault-Breguet - Falcon 50, Mystere 50 (T-16)	81.5	80.0	3
MD82	Mcdonnell-Douglas - MD-80 Series	81.4	80.8	8
B763	Boeing - 767-300	81.3	89.9	70
B739	Boeing - 737-900	81.2	94.4	450
A321	Airbus - A321	81.2	82.5	20
B753	Boeing - 757-300	81.1	88.9	201
MD90	Mcdonnell-Douglas - MD-90	80.5	86.7	42
B712	Boeing - 717-200	80.1	89.7	17

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.

Seattle Tacoma International Airport  
Average Aircraft Noise Level (SEL)  
Between 10/1/2008 12:00:00 AM and 12/31/2008 11:59:59 PM (Local Time)

CRJ1	Bombardier - Canada Regional Jet 100	79.8	89.0	15
MD10	Mcdonnell-Douglas - DC-10	79.4	85.6	46
B762	Boeing - 767-200	79.3	79.3	1
A343	Airbus - A340-300	79.2	85.3	29
DC10	Mcdonnell-Douglas - DC-10 (all series)	78.9	82.7	56
AT43	Aerospatiale/Aeritalia - ATR-42-200/300/320	78.8	85.5	20
E120	Embraer - Brasilia EMB-120	78.2	90.0	124
DH8B	Dehavilland - Dash 8, DHC8 - 200	78.0	85.6	49
CL60	Canadair Bombardier - CL600/610 Challenger	77.9	81.9	3
DH8C	Dehavilland - Dash 8, DHC8 - 300	76.6	86.6	57
CL30	Bombardier Challenger 300	76.4	77.6	2
C750	Cessna - Citation 10	76.1	76.1	1
PAY3	Piper - Cheyenne 3	75.9	75.9	1
B77W	N/A	75.8	81.9	34
CRJ9	Bombardier - Canada Regional Jet 900	75.2	81.9	20
C425	Cessna - Corsair/Conquest I-425	75.2	75.2	1
C680	Cessna Citation Sovereign	75.1	73.4	2

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.

Seattle Tacoma International Airport  
Average Aircraft Noise Level (SEL)

Between 10/1/2008 12:00:00 AM and 12/31/2008 11:59:59 PM (Local Time)

Aircraft Model	Aircraft Type	SEL (dB)	SEL (dB)	Count
A300	Airbus - A300	74.9	77.6	4
H25B	British Aerospace (BAe) - BAe HS 125 Series 700/800	74.6	74.6	1
A306	Airbus - A300B4-600	73.8	77.7	18
A310	Airbus - A310	73.6	78.4	13
P180	Avanti P-180	72.6	72.6	1
C208	Cessna - Caravan 1- 208,(Super) Cargomaster, Grand Caravan (U27)		72.5	72.5 1
MD87	Mcdonnell-Douglas - MD-80 Series	72.4	72.4	1
A318	Airbus - A318	71.8	73.5	3
F2TH	Dassault-Breguet - Falcon 2000	71.5	71.5	1
GLF4	Gulfstream - Gulfstream 4	70.5	70.5	1
C560	Cessna - Citation 5	69.4	69.4	1

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.

Seattle Tacoma International Airport  
Average Aircraft Noise Level (SEL)  
Between 10/1/2008 12:00:00 AM and 12/31/2008 11:59:59 PM (Local Time)

Location: Beverly Park School

NMT # 11

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
B744	Boeing - 747-400	96.6	95.0	243
	N/A	94.8	94.9	1,570
MD83	Mcdonnell-Douglas - MD-80 Series	94.6	96.0	619
GLF3	Gulfstream - Gulfstream 3	94.1	97.0	2
B737	Boeing - 737-700	93.8	97.0	3,900
MD11	Mcdonnell-Douglas - MD-11	93.7	94.8	33
B733	Boeing - 737-300	93.4	92.3	1,669
B752	Boeing - 757-200	92.4	93.0	2,073
B772	Boeing - 777-200	92.2	91.3	236
B742	Boeing - 747-200	92.1	91.3	4
A319	Airbus - A319	92.0	92.1	783
B734	Boeing - 737-400	91.8	99.5	3,465
B738	Boeing - 737-800	91.3	99.5	5,064
A320	Airbus - A320	91.3	94.0	1,280
A332	Airbus - A330-200	91.2	91.3	331

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.

Seattle Tacoma International Airport  
Average Aircraft Noise Level (SEL)  
Between 10/1/2008 12:00:00 AM and 12/31/2008 11:59:59 PM (Local Time)

B721	Boeing - 727-100 (C-22)	90.0	90.0	1
A343	Airbus - A340-300	90.0	92.8	52
FA50	Dassault-Breguet - Falcon 50, Mystere 50 (T-16)	89.7	89.5	11
B763	Boeing - 767-300	89.2	91.9	287
B739	Boeing - 737-900	89.2	93.4	1,585
MD82	Mcdonnell-Douglas - MD-80 Series	88.8	94.7	21
B741	Boeing - 747-100	88.6	91.6	3
DC10	Mcdonnell-Douglas - DC-10 (all series)	88.6	94.5	179
H25B	British Aerospace (BAe) - BAe HS 125 Series 700/800	88.4	87.5	5
B747	Boeing - 747-200F	88.3	86.3	2
A333	Airbus - A330-300	88.1	91.3	95
A321	Airbus - A321	87.9	91.3	84
B753	Boeing - 757-300	87.7	99.8	904
B735	Boeing - 737-500	87.7	88.4	104
E190	Embraer - EMB-190	87.6	87.9	116
MD10	Mcdonnell-Douglas - DC-10	87.6	94.4	147
LJ35	Gates Learjet - Learjet 35, 36	86.1	83.4	2
B77W	N/A	85.6	91.4	56

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Seattle Tacoma International Airport  
Average Aircraft Noise Level (SEL)  
Between 10/1/2008 12:00:00 AM and 12/31/2008 11:59:59 PM (Local Time)

CRJ7	Bombardier - Canada Regional Jet 700	85.6	94.0	1,850
MD90	Mcdonnell-Douglas - MD-90	85.5	87.8	162
PC12	Pilatus Flugzeugwerke Ag - PC-12	85.3	82.1	3
A310	Airbus - A310	85.1	91.3	19
GLF2	Gulfstream - Gulfstream 2	85.0	82.4	2
DH8D	Dehavilland - Dash 8, DHC8 - 400	84.9	95.4	3,640
C56X	Cessna - Citation Excel	84.9	82.7	6
F2TH	Dassault-Breguet - Falcon 2000	84.3	84.4	5
C560	Cessna - Citation 5	84.1	83.0	3
P180	Avanti P-180	83.8	84.2	3
MD87	Mcdonnell-Douglas - MD-80 Series	83.5	86.1	2
C680	Cessna Citation Sovereign	83.5	82.9	3
E120	Embraer - Brasilia EMB-120	83.5	96.5	339
AT43	Aerospatiale/Aeritalia - ATR-42-200/300/320	83.4	89.9	46
BE40	Beech - Beechjet 400/T-1 Jayhawk	83.4	82.0	5
A306	Airbus - A300B4-600	83.3	89.4	62
BE99	Beech - Airliner99	83.2	87.2	7
A300	Airbus - A300	83.1	86.4	27

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Seattle Tacoma International Airport  
Average Aircraft Noise Level (SEL)  
Between 10/1/2008 12:00:00 AM and 12/31/2008 11:59:59 PM (Local Time)

C172	Cessna - Skyhawk 172/Cutlass/Mescalero	83.1	83.1	1
B764	N/A	83.0	85.9	3
PA31	Piper - Chieftan, Mohave, Navajo, T-1020	82.8	82.8	1
B712	Boeing - 717-200	82.5	84.7	67
D757	N/A	82.1	82.1	1
B732	Boeing - 737-200 (Surveiller, CT-43, VC-96)	82.0	82.0	1
WW24	Israel - 1124 Westwind	82.0	82.0	1
C402	Cessna - Cessna 401, 402, Utiliner, Businessliner	81.9	81.9	1
CRJ2	Bombardier - Canada Regional Jet 200	81.8	84.9	64
GLF4	Gulfstream - Gulfstream 4	81.8	81.1	4
F900	Dassault-Breguet - Falcon 900, Mystere 900 (T-18)	81.5	80.6	2
DH8C	Dehavilland - Dash 8, DHC8 - 300	81.2	88.2	147
C182	Cessna - Skylane 182	81.0	81.0	1
LJ45	Gates Learjet - Learjet 45	80.8	83.4	2
PA34	Piper - Seneca 2/3	80.8	79.4	2
A318	Airbus - A318	80.8	84.3	33
B757	Boeing - 757	80.7	81.2	2
CRJ9	Bombardier - Canada Regional Jet 900	80.7	85.4	68

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.

Seattle Tacoma International Airport  
Average Aircraft Noise Level (SEL)  
Between 10/1/2008 12:00:00 AM and 12/31/2008 11:59:59 PM (Local Time)

DH8B	Dehavilland - Dash 8, DHC8 - 200	80.5	89.1	197
DH8A	Dehavilland - Dash 8, DHC8 - 100	80.3	82.4	5
B762	Boeing - 767-200	80.2	80.2	1
ASTR	Israel Jet - Astra 1125	80.0	80.0	1
LJ31	Gates Learjet - Learjet 31	80.0	80.0	1
C750	Cessna - Citation 10	79.9	78.8	4
BE20	Beech - Super King Air 200, 1300	79.7	80.9	2
GALX	Gulfstream G200	79.0	78.4	3
AC90	Rockwell - Turbo Commander 690, Commander Jetprop 840/900	78.9	79.4	2
CRJ1	Bombardier - Canada Regional Jet 100	78.9	85.1	21
E170	N/A	78.8	78.8	1
GLEX	Bombardier BD-700 Global Express	77.0	77.0	1
C208	Cessna - Caravan 1- 208,(Super) Cargomaster, Grand Caravan (U27)		76.5	78.1 4
CL30	Bombardier Challenger 300	76.5	76.5	1
C25B	Cessna Citation Bravo	74.5	74.5	1
PRM1	Ratheon Premier 1	74.4	74.4	1
C425	Cessna - Corsair/Conquest I-425	72.4	72.4	1

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BE9L

Beech - KingAir90, A90 to E90 (T-44, V-C6), Taurus 90

72.0

72.0

1

Seattle Tacoma International Airport  
Average Aircraft Noise Level (SEL)  
Between 10/1/2008 12:00:00 AM and 12/31/2008 11:59:59 PM (Local Time)

Location: 2226 S. 126th Street

NMT # 12

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
B744	Boeing - 747-400	99.3	99.5	221
B772	Boeing - 777-200	95.9	98.6	210
MD83	Mcdonnell-Douglas - MD-80 Series	95.4	97.6	537
	N/A	95.2	101.4	1,352
A332	Airbus - A330-200	94.2	97.0	294
MD82	Mcdonnell-Douglas - MD-80 Series	93.9	95.4	13
B734	Boeing - 737-400	93.4	93.6	2,858
B733	Boeing - 737-300	93.2	91.9	1,444
B742	Boeing - 747-200	92.8	93.3	4
B752	Boeing - 757-200	92.8	92.6	1,957
A343	Airbus - A340-300	92.8	95.3	46
GALX	Gulfstream G200	92.7	92.6	4
B738	Boeing - 737-800	92.6	93.8	4,623
B737	Boeing - 737-700	92.4	93.1	3,227
DC10	Mcdonnell-Douglas - DC-10 (all series)	92.3	93.2	156

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.

Seattle Tacoma International Airport  
Average Aircraft Noise Level (SEL)  
Between 10/1/2008 12:00:00 AM and 12/31/2008 11:59:59 PM (Local Time)

MD11	Mcdonnell-Douglas - MD-11	92.1	93.0	27
B741	Boeing - 747-100	91.9	94.5	3
A319	Airbus - A319	91.8	93.3	633
A320	Airbus - A320	91.6	91.6	948
B763	Boeing - 767-300	91.4	93.5	257
MD10	Mcdonnell-Douglas - DC-10	91.0	94.0	124
B747	Boeing - 747-200F	90.9	90.0	2
A333	Airbus - A330-300	90.9	94.6	85
B739	Boeing - 737-900	90.8	92.2	1,379
B753	Boeing - 757-300	90.2	92.4	854
E190	Embraer - EMB-190	89.7	96.9	102
B735	Boeing - 737-500	89.6	94.1	97
A321	Airbus - A321	89.4	93.2	74
PC12	Pilatus Flugzeugwerke Ag - PC-12	88.5	87.4	3
B77W	N/A	88.4	96.1	50
FA50	Dassault-Breguet - Falcon 50, Mystere 50 (T-16)	88.4	85.5	5
B764	N/A	87.6	88.0	2
A310	Airbus - A310	87.5	91.3	15

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.

Seattle Tacoma International Airport  
Average Aircraft Noise Level (SEL)  
Between 10/1/2008 12:00:00 AM and 12/31/2008 11:59:59 PM (Local Time)

DH8D	Dehavilland - Dash 8, DHC8 - 400	86.5	94.6	2,513
P180	Avanti P-180	86.4	90.7	4
B762	Boeing - 767-200	86.2	84.9	2
GLF3	Gulfstream - Gulfstream 3	86.1	86.1	1
MD90	Mcdonnell-Douglas - MD-90	86.0	89.5	121
CRJ7	Bombardier - Canada Regional Jet 700	86.0	98.7	1,196
BE99	Beech - Airliner99	85.9	90.9	6
A306	Airbus - A300B4-600	85.6	89.2	59
B721	Boeing - 727-100 (C-22)	85.3	85.3	1
A300	Airbus - A300	85.0	89.0	25
CL60	Canadair Bombardier - CL600/610 Challenger	84.9	84.9	1
MD87	Mcdonnell-Douglas - MD-80 Series	84.9	84.9	1
CRJ2	Bombardier - Canada Regional Jet 200	84.9	86.5	81
C560	Cessna - Citation 5	84.7	83.5	4
B712	Boeing - 717-200	84.5	87.0	33
E120	Embraer - Brasilia EMB-120	83.6	88.5	326
CRJ9	Bombardier - Canada Regional Jet 900	83.2	84.5	43
GLF2	Gulfstream - Gulfstream 2	83.1	82.2	2

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.

Seattle Tacoma International Airport  
Average Aircraft Noise Level (SEL)  
Between 10/1/2008 12:00:00 AM and 12/31/2008 11:59:59 PM (Local Time)

DH8B	Dehavilland - Dash 8, DHC8 - 200	82.7	92.1	106
ML4	N/A	82.2	82.2	1
BE40	Beech - Beechjet 400/T-1 Jayhawk	82.0	84.6	3
C402	Cessna - Cessna 401, 402, Utiliner, Businessliner	82.0	82.0	1
CL30	Bombardier Challenger 300	82.0	82.0	1
LJ31	Gates Learjet - Learjet 31	82.0	82.0	1
A318	Airbus - A318	81.8	85.9	36
PA31	Piper - Chieftan, Mohave, Navajo, T-1020	81.6	78.9	2
LJ35	Gates Learjet - Learjet 35, 36	81.2	81.2	1
D757	N/A	80.8	80.8	1
G150	Gulfstream – G150	80.6	80.6	1
AT43	Aerospatiale/Aeritalia - ATR-42-200/300/320	80.4	86.5	30
C182	Cessna - Skylane 182	80.4	80.4	1
BE20	Beech - Super King Air 200, 1300	80.1	80.1	1
H25B	British Aerospace (BAe) - BAe HS 125 Series 700/800	79.4	78.1	4
DH8C	Dehavilland - Dash 8, DHC8 - 300	79.3	85.4	60
C414	Cessna - Chancellor 414, Rocket Power	79.1	79.1	1

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.

Seattle Tacoma International Airport  
Average Aircraft Noise Level (SEL)

Between 10/1/2008 12:00:00 AM and 12/31/2008 11:59:59 PM (Local Time)

B732	Boeing - 737-200 (Surveiller, CT-43, VC-96)	79.0	79.0	1
GLF4	Gulfstream - Gulfstream 4	78.5	76.5	2
WW24	Israel - 1124 Westwind	78.3	78.3	1
CRJ1	Bombardier - Canada Regional Jet 100	78.0	81.2	20
ASTR	Israel Jet - Astra 1125	77.8	77.8	1
GLEX	Bombardier BD-700 Global Express	77.8	77.8	1
C208	Cessna - Caravan 1- 208,(Super) Cargomaster, Grand Caravan (U27)		77.3	78.6 3
B757	Boeing - 757	77.2	79.4	2
LJ45	Gates Learjet - Learjet 45	77.0	77.0	1
C56X	Cessna - Citation Excel	76.8	78.3	2
E45X	Embraer - EMB-145XR	75.9	75.9	1
C750	Cessna - Citation 10	75.5	77.2	2
C680	Cessna Citation Sovereign	75.0	75.8	2
DH8A	Dehavilland - Dash 8, DHC8 - 100	75.0	76.0	3
PA34	Piper - Seneca 2/3	72.4	72.4	1
PA32	Piper - Cherokee Six, Lance, (Turbo) Saratoga	71.7	71.7	1

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.

Seattle Tacoma International Airport  
Average Aircraft Noise Level (SEL)  
Between 10/1/2008 12:00:00 AM and 12/31/2008 11:59:59 PM (Local Time)

Location: Cedarhurst Elementary School

NMT # 13

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
B744	Boeing - 747-400	91.5	90.5	131
B737	Boeing - 737-700	90.8	99.7	1,346
MD83	Mcdonnell-Douglas - MD-80 Series	90.2	95.0	201
B772	Boeing - 777-200	90.1	87.9	93
B734	Boeing - 737-400	89.4	91.0	1,167
A332	Airbus - A330-200	89.3	93.6	142
B742	Boeing - 747-200	88.8	89.0	3
B752	Boeing - 757-200	88.4	94.2	765
B738	Boeing - 737-800	88.1	89.5	1,697
MD82	Mcdonnell-Douglas - MD-80 Series	87.9	91.8	9
A319	Airbus - A319	87.8	88.7	241
A333	Airbus - A330-300	87.0	88.0	35
A343	Airbus - A340-300	87.0	86.6	20
A320	Airbus - A320	86.9	93.3	367

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.

Seattle Tacoma International Airport  
Average Aircraft Noise Level (SEL)

Between 10/1/2008 12:00:00 AM and 12/31/2008 11:59:59 PM (Local Time)

Aircraft Type	Average Aircraft Noise Level (SEL)	Count
B733 Boeing - 737-300	86.8	563
MD11 Mcdonnell-Douglas - MD-11	86.6	15
FA50 Dassault-Breguet - Falcon 50, Mystere 50 (T-16)	86.5	5
B763 Boeing - 767-300	86.4	70
GLF3 Gulfstream - Gulfstream 3	85.7	2
B735 Boeing - 737-500	85.5	41
A321 Airbus - A321	85.3	31
B739 Boeing - 737-900	85.3	541
E190 Embraer - EMB-190	85.2	29
CRJ2 Bombardier - Canada Regional Jet 200	85.2	12
CRJ7 Bombardier - Canada Regional Jet 700	84.4	392
MD90 Mcdonnell-Douglas - MD-90	84.3	32
B753 Boeing - 757-300	84.2	250
DH8D Dehavilland - Dash 8, DHC8 - 400	84.0	908
BE40 Beech - Beechjet 400/T-1 Jayhawk	83.8	2
N/A	83.8	502
B741 Boeing - 747-100	83.6	2
DH8B Dehavilland - Dash 8, DHC8 - 200	83.5	55

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.

Seattle Tacoma International Airport  
Average Aircraft Noise Level (SEL)

Between 10/1/2008 12:00:00 AM and 12/31/2008 11:59:59 PM (Local Time)

Aircraft Type	Model	SEL (dB)	SEL (dB)	Count
B764	N/A	83.1	83.1	1
A306	Airbus - A300B4-600	82.5	85.4	19
A310	Airbus - A310	82.4	85.0	10
MD10	Mcdonnell-Douglas - DC-10	82.4	86.1	48
A300	Airbus - A300	82.3	85.9	9
B762	Boeing - 767-200	82.2	84.3	2
B77W	N/A	82.1	87.9	30
AT43	Aerospatiale/Aeritalia - ATR-42-200/300/320	82.1	90.3	8
DC10	Mcdonnell-Douglas - DC-10 (all series)	81.7	86.9	72
DH8C	Dehavilland - Dash 8, DHC8 - 300	80.9	88.6	39
BE99	Beech - Airliner99	80.0	80.0	1
C680	Cessna Citation Sovereign	79.9	78.8	2
GLEK	Bombardier BD-700 Global Express	79.0	79.0	1
E120	Embraer - Brasilia EMB-120	78.9	90.9	116
C560	Cessna - Citation 5	78.7	78.7	1
B712	Boeing - 717-200	78.7	83.5	23
PC12	Pilatus Flugzeugwerke Ag - PC-12	78.6	76.0	2
GALX	Gulfstream G200	78.1	78.1	1

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.

Seattle Tacoma International Airport  
Average Aircraft Noise Level (SEL)  
Between 10/1/2008 12:00:00 AM and 12/31/2008 11:59:59 PM (Local Time)

CRJ9	Bombardier - Canada Regional Jet 900	77.7	84.7	26
B721	Boeing - 727-100 (C-22)	77.5	77.5	1
GLF2	Gulfstream - Gulfstream 2	77.4	77.6	2
CRJ1	Bombardier - Canada Regional Jet 100	76.3	78.6	7
H25B	British Aerospace (BAe) - BAe HS 125 Series 700/800	76.0	78.0	2
A318	Airbus - A318	75.7	78.7	11
DH8A	Dehavilland - Dash 8, DHC8 - 100	75.2	76.6	3
C172	Cessna - Skyhawk 172/Cutlass/Mescalero	75.0	75.0	1
CL60	Canadair Bombardier - CL600/610 Challenger	75.0	75.0	1
C208	Cessna - Caravan 1- 208,(Super) Cargomaster, Grand Caravan (U27)		74.5	75.5 2
C56X	Cessna - Citation Excel	73.7	74.0	2
CL30	Bombardier Challenger 300	73.3	73.8	2
WW24	Israel - 1124 Westwind	73.3	73.3	1

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.

Seattle Tacoma International Airport  
Average Aircraft Noise Level (SEL)  
Between 10/1/2008 12:00:00 AM and 12/31/2008 11:59:59 PM (Local Time)

Location: North Clear Zone

NMT # 14

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
B772	Boeing - 777-200	98.7	97.3	121
B744	Boeing - 747-400	98.7	96.2	94
A332	Airbus - A330-200	97.6	95.1	144
B741	Boeing - 747-100	95.2	95.2	1
B738	Boeing - 737-800	95.1	95.7	1,922
A321	Airbus - A321	94.6	94.5	37
B737	Boeing - 737-700	94.6	98.9	1,620
B752	Boeing - 757-200	94.6	101.6	907
A333	Airbus - A330-300	94.3	95.3	40
A319	Airbus - A319	93.4	97.9	315
B742	Boeing - 747-200	93.4	95.0	2
DH8B	Dehavilland - Dash 8, DHC8 - 200	93.4	93.0	73
MD83	Mcdonnell-Douglas - MD-80 Series	93.3	98.6	219
MD82	Mcdonnell-Douglas - MD-80 Series	93.1	93.8	5

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.

**Seattle Tacoma International Airport  
Average Aircraft Noise Level (SEL)**

**Between 10/1/2008 12:00:00 AM and 12/31/2008 11:59:59 PM (Local Time)**

Aircraft Type	Model	Average Noise Level (SEL)	Number of Events
B733	Boeing - 737-300	93.0	706
A320	Airbus - A320	93.0	530
MD11	Mcdonnell-Douglas - MD-11	93.0	12
B734	Boeing - 737-400	92.9	1,244
A343	Airbus - A340-300	92.8	21
B739	Boeing - 737-900	91.7	595
B753	Boeing - 757-300	91.7	338
B763	Boeing - 767-300	91.6	101
B735	Boeing - 737-500	91.6	44
B77W	N/A	91.4	23
E190	Embraer - EMB-190	90.8	46
	N/A	89.6	635
GLF2	Gulfstream - Gulfstream 2	89.0	1
A310	Airbus - A310	88.9	8
DC10	Mcdonnell-Douglas - DC-10 (all series)	88.5	74
BE40	Beech - Beechjet 400/T-1 Jayhawk	88.5	6
PC12	Pilatus Flugzeugwerke Ag - PC-12	88.3	2
B764	N/A	87.5	1

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.

Seattle Tacoma International Airport  
Average Aircraft Noise Level (SEL)

Between 10/1/2008 12:00:00 AM and 12/31/2008 11:59:59 PM (Local Time)

Aircraft Model	Aircraft Description	SEL (dB)	SEL (dB)	Count
C560	Cessna - Citation 5	87.3	85.9	3
A306	Airbus - A300B4-600	87.1	93.4	37
FA50	Dassault-Breguet - Falcon 50, Mystere 50 (T-16)	87.0	83.2	8
MD10	Mcdonnell-Douglas - DC-10	87.0	92.5	51
CRJ7	Bombardier - Canada Regional Jet 700	86.8	95.3	1,111
MD90	Mcdonnell-Douglas - MD-90	86.7	92.2	59
A300	Airbus - A300	86.6	91.0	11
BE99	Beech - Airliner99	86.3	88.0	2
DH8D	Dehavilland - Dash 8, DHC8 - 400	86.0	99.1	1,901
CRJ2	Bombardier - Canada Regional Jet 200	85.6	90.8	51
B712	Boeing - 717-200	85.3	91.6	30
P180	Avanti P-180	85.3	85.3	1
H25B	British Aerospace (BAe) - BAe HS 125 Series 700/800	84.7	81.3	4
DH8C	Dehavilland - Dash 8, DHC8 - 300	84.4	95.3	52
C750	Cessna - Citation 10	84.0	88.7	5
F2TH	Dassault-Breguet - Falcon 2000	83.9	85.8	3
A318	Airbus - A318	83.9	86.6	16
CRJ9	Bombardier - Canada Regional Jet 900	83.8	91.8	39

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.

Seattle Tacoma International Airport  
Average Aircraft Noise Level (SEL)

Between 10/1/2008 12:00:00 AM and 12/31/2008 11:59:59 PM (Local Time)

C56X	Cessna - Citation Excel	83.7	83.6	4
CRJ1	Bombardier - Canada Regional Jet 100	82.6	93.1	18
E120	Embraer - Brasilia EMB-120	82.2	95.4	175
GLEX	Bombardier BD-700 Global Express	82.1	82.1	1
PA34	Piper - Seneca 2/3	82.0	82.0	1
LJ60	Gates Learjet - Learjet 60	81.9	81.9	1
C208	Cessna - Caravan 1- 208,(Super) Cargomaster, Grand Caravan (U27)		81.3	81.3 2
C402	Cessna - Cessna 401, 402, Utiliner, Businessliner	81.2	81.2	1
AT43	Aerospatiale/Aeritalia - ATR-42-200/300/320	81.0	87.6	19
GLF3	Gulfstream - Gulfstream 3	80.7	80.7	1
CL30	Bombardier Challenger 300	80.7	82.2	3
B747	Boeing - 747-200F	80.5	80.5	1
GLF4	Gulfstream - Gulfstream 4	80.0	80.0	1
PA31	Piper - Chieftan, Mohave, Navajo, T-1020	79.7	79.7	1
GALX	Gulfstream G200	79.6	79.5	4
DH8A	Dehavilland - Dash 8, DHC8 - 100	79.4	81.7	3
B762	Boeing - 767-200	78.9	78.9	1
BE20	Beech - Super King Air 200, 1300	78.7	78.9	2

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.

Seattle Tacoma International Airport  
Average Aircraft Noise Level (SEL)  
Between 10/1/2008 12:00:00 AM and 12/31/2008 11:59:59 PM (Local Time)

C680	Cessna Citation Sovereign	78.2	78.2	1
LJ31	Gates Learjet - Learjet 31	77.8	79.0	2
B732	Boeing - 737-200 (Surveiller, CT-43, VC-96)	77.6	77.6	1
G150	Gulfstream – G150	76.8	76.8	1
C25A	Cessna - Citation CJ2	76.2	76.2	1
C550	Cessna - Citation 2/-S2	75.7	75.7	1
ASTR	Israel Jet - Astra 1125	74.8	74.8	1
LJ35	Gates Learjet - Learjet 35, 36	73.9	73.9	1
LJ45	Gates Learjet - Learjet 45	72.9	72.9	1

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.

Seattle Tacoma International Airport  
Average Aircraft Noise Level (SEL)  
Between 10/1/2008 12:00:00 AM and 12/31/2008 11:59:59 PM (Local Time)

Location: Sylvester Middle School

NMT # 15

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
A319	Airbus - A319	86.2	84.8	10
B738	Boeing - 737-800	86.0	90.3	83
B744	Boeing - 747-400	84.6	83.6	16
CRJ7	Bombardier - Canada Regional Jet 700	83.8	96.6	45
B733	Boeing - 737-300	82.9	83.7	32
A320	Airbus - A320	82.8	84.6	22
MD11	Mcdonnell-Douglas - MD-11	82.5	81.9	2
A332	Airbus - A330-200	82.5	82.3	14
	N/A	82.0	96.9	58
B752	Boeing - 757-200	81.6	81.4	29
B737	Boeing - 737-700	81.3	84.7	81
DH8B	Dehavilland - Dash 8, DHC8 - 200	81.1	88.7	7
MD83	Mcdonnell-Douglas - MD-80 Series	80.4	89.3	36
B753	Boeing - 757-300	80.0	78.5	18
DH8D	Dehavilland - Dash 8, DHC8 - 400	80.0	91.9	106

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.

Seattle Tacoma International Airport  
Average Aircraft Noise Level (SEL)  
Between 10/1/2008 12:00:00 AM and 12/31/2008 11:59:59 PM (Local Time)

B712	Boeing - 717-200	79.7	79.7	1
B739	Boeing - 737-900	79.3	85.6	29
B763	Boeing - 767-300	78.7	79.8	16
B734	Boeing - 737-400	78.6	87.8	89
DC10	Mcdonnell-Douglas - DC-10 (all series)	78.5	85.7	9
E120	Embraer - Brasilia EMB-120	78.3	80.5	26
MD90	Mcdonnell-Douglas - MD-90	78.3	79.4	5
B772	Boeing - 777-200	78.1	79.1	7
A321	Airbus - A321	78.0	76.9	5
A343	Airbus - A340-300	77.4	78.5	2
MD10	Mcdonnell-Douglas - DC-10	76.8	76.6	4
A310	Airbus - A310	76.8	76.8	1
MD82	Mcdonnell-Douglas - MD-80 Series	76.6	76.6	1
DH8C	Dehavilland - Dash 8, DHC8 - 300	75.8	79.1	5
B735	Boeing - 737-500	75.6	75.6	1
A333	Airbus - A330-300	74.6	75.4	2
BE20	Beech - Super King Air 200, 1300	74.3	75.0	2
CRJ9	Bombardier - Canada Regional Jet 900	74.2	75.2	4

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.

Seattle Tacoma International Airport  
**Average Aircraft Noise Level (SEL)**  
**Between 10/1/2008 12:00:00 AM and 12/31/2008 11:59:59 PM (Local Time)**

A300	Airbus - A300	74.1	74.5	2
A306	Airbus - A300B4-600	73.9	74.7	2
BE40	Beech - Beechjet 400/T-1 Jayhawk	73.1	73.1	1
DH8A	Dehavilland - Dash 8, DHC8 - 100	73.1	73.1	1
E190	Embraer - EMB-190	72.6	72.6	1
CRJ2	Bombardier - Canada Regional Jet 200	72.4	72.4	1
CRJ1	Bombardier - Canada Regional Jet 100	72.3	72.3	1

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.

Location: Chinook Middle School

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
MD11	Mcdonnell-Douglas - MD-11	95.2	98.2	2
A320	Airbus - A320	93.7	98.0	21
B735	Boeing - 737-500	92.5	96.6	4
CRJ7	Bombardier - Canada Regional Jet 700	91.9	97.5	34
B733	Boeing - 737-300	90.7	97.4	24
B734	Boeing - 737-400	90.0	107.0	74
E190	Embraer - EMB-190	89.4	89.4	1
B738	Boeing - 737-800	89.3	93.6	80
B752	Boeing - 757-200	89.2	94.2	42
B737	Boeing - 737-700	88.7	97.9	80
B753	Boeing - 757-300	88.6	94.2	5
E120	Embraer - Brasilia EMB-120	88.5	96.9	32
	N/A	88.0	97.6	40
DH8C	Dehavilland - Dash 8, DHC8 - 300	87.5	89.2	2
CRJ9	Bombardier - Canada Regional Jet 900	87.3	87.3	1

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.

Seattle Tacoma International Airport  
Average Aircraft Noise Level (SEL)

Between 10/1/2008 12:00:00 AM and 12/31/2008 11:59:59 PM (Local Time)

DH8D	Dehavilland - Dash 8, DHC8 - 400	86.5	98.7	160
A319	Airbus - A319	85.5	84.3	8
CRJ1	Bombardier - Canada Regional Jet 100	83.4	87.6	4
CRJ2	Bombardier - Canada Regional Jet 200	82.9	82.9	1
A332	Airbus - A330-200	82.8	83.1	3
B763	Boeing - 767-300	82.2	85.0	6
A333	Airbus - A330-300	82.2	82.2	1
B739	Boeing - 737-900	81.4	90.1	24
DH8B	Dehavilland - Dash 8, DHC8 - 200	81.2	91.0	13
AT43	Aerospatiale/Aeritalia - ATR-42-200/300/320	79.8	82.0	2
A306	Airbus - A300B4-600	79.8	82.7	3
MD10	Mcdonnell-Douglas - DC-10	78.8	84.4	8
MD83	Mcdonnell-Douglas - MD-80 Series	78.6	81.8	5
DC10	Mcdonnell-Douglas - DC-10 (all series)	78.3	80.6	7
A310	Airbus - A310	74.7	74.7	1
B744	Boeing - 747-400	73.0	73.0	1
LJ40	N/A	72.3	72.3	1
A300	Airbus - A300	71.4	71.4	1

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.

Seattle Tacoma International Airport  
Average Aircraft Noise Level (SEL)  
Between 10/1/2008 12:00:00 AM and 12/31/2008 11:59:59 PM (Local Time)

Location: 1217 S 207th Street

NMT # 17

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
B744	Boeing - 747-400	100.4	97.7	206
MD83	Mcdonnell-Douglas - MD-80 Series	97.8	99.2	570
B772	Boeing - 777-200	96.9	95.3	195
A332	Airbus - A330-200	96.6	96.4	261
A333	Airbus - A330-300	96.2	95.2	72
GLF2	Gulfstream - Gulfstream 2	96.1	94.9	2
MD11	Mcdonnell-Douglas - MD-11	95.9	96.5	37
B741	Boeing - 747-100	95.5	95.5	1
B742	Boeing - 747-200	95.3	93.9	3
B737	Boeing - 737-700	95.1	93.6	3,853
B738	Boeing - 737-800	94.7	93.6	4,937
B763	Boeing - 767-300	94.0	94.1	296
A319	Airbus - A319	93.8	94.6	842
B752	Boeing - 757-200	93.7	95.5	2,040

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.

Seattle Tacoma International Airport  
Average Aircraft Noise Level (SEL)

Between 10/1/2008 12:00:00 AM and 12/31/2008 11:59:59 PM (Local Time)

A320	Airbus - A320	93.5	91.3	1,331
B734	Boeing - 737-400	93.1	93.0	3,174
MD82	Mcdonnell-Douglas - MD-80 Series	92.9	96.0	16
MD87	Mcdonnell-Douglas - MD-80 Series	92.7	93.6	2
B733	Boeing - 737-300	92.5	98.1	1,516
B739	Boeing - 737-900	92.1	92.3	1,464
FA50	Dassault-Breguet - Falcon 50, Mystere 50 (T-16)	92.1	91.6	14
A343	Airbus - A340-300	91.8	94.9	45
A321	Airbus - A321	91.7	93.0	70
BE40	Beech - Beechjet 400/T-1 Jayhawk	91.5	91.3	8
B753	Boeing - 757-300	91.5	92.6	776
E190	Embraer - EMB-190	91.5	89.1	122
B732	Boeing - 737-200 (Surveiller, CT-43, VC-96)	91.4	91.4	1
B77W	N/A	90.8	93.8	23
	N/A	90.7	98.5	1,020
B721	Boeing - 727-100 (C-22)	89.7	89.7	1
ASTR	Israel Jet - Astra 1125	89.5	87.4	2
B735	Boeing - 737-500	89.0	90.1	120

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.

Seattle Tacoma International Airport  
Average Aircraft Noise Level (SEL)

Between 10/1/2008 12:00:00 AM and 12/31/2008 11:59:59 PM (Local Time)

B764	N/A	88.6	88.6	1
B757	Boeing - 757	88.5	86.0	2
DC10	Mcdonnell-Douglas - DC-10 (all series)	88.4	92.8	152
A300	Airbus - A300	88.3	93.1	21
A310	Airbus - A310	88.0	90.8	11
MD10	Mcdonnell-Douglas - DC-10	88.0	92.0	117
BE20	Beech - Super King Air 200, 1300	88.0	88.0	1
A306	Airbus - A300B4-600	87.1	91.2	49
CL30	Bombardier Challenger 300	86.6	83.8	4
E120	Embraer - Brasilia EMB-120	86.3	88.4	180
GALX	Gulfstream G200	85.8	85.2	5
B762	Boeing - 767-200	85.7	88.0	3
C25B	Cessna Citation Bravo	85.5	85.5	1
H25B	British Aerospace (BAe) - BAe HS 125 Series 700/800	85.4	83.5	6
CRJ7	Bombardier - Canada Regional Jet 700	85.2	96.1	2,168
DH8D	Dehavilland - Dash 8, DHC8 - 400	84.7	95.7	1,282
FA10	Dassault-Breguet - Falcon 10, Mystere 10	84.0	84.0	1
MD90	Mcdonnell-Douglas - MD-90	83.9	93.0	188

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.

Seattle Tacoma International Airport  
Average Aircraft Noise Level (SEL)

Between 10/1/2008 12:00:00 AM and 12/31/2008 11:59:59 PM (Local Time)

E170	N/A	83.7	83.7	1
GLF4	Gulfstream - Gulfstream 4	82.9	85.7	4
P180	Avanti P-180	82.7	83.6	4
A318	Airbus - A318	82.5	88.4	42
C208	Cessna - Caravan 1- 208,(Super) Cargomaster, Grand Caravan (U27)		82.3	82.3 1
E145	Embraer - EMB-145	82.3	82.3	1
C56X	Cessna - Citation Excel	82.3	83.4	6
C560	Cessna - Citation 5	82.1	80.6	5
B747	Boeing - 747-200F	82.0	82.0	1
CRJ9	Bombardier - Canada Regional Jet 900	81.6	90.5	66
B712	Boeing - 717-200	81.4	85.5	72
CRJ2	Bombardier - Canada Regional Jet 200	81.0	89.5	58
F2TH	Dassault-Breguet - Falcon 2000	81.0	82.7	5
E45X	Embraer - EMB-145XR	80.7	80.7	1
DC8D	N/A	80.2	80.2	1
F900	Dassault-Breguet - Falcon 900, Mystere 900 (T-18)	80.1	77.8	2
DH8B	Dehavilland - Dash 8, DHC8 - 200	79.3	90.0	39
PC12	Pilatus Flugzeugwerke Ag - PC-12	79.1	79.5	2

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.

Seattle Tacoma International Airport  
Average Aircraft Noise Level (SEL)  
Between 10/1/2008 12:00:00 AM and 12/31/2008 11:59:59 PM (Local Time)

LJ31	Gates Learjet - Learjet 31	78.7	79.7	2
C525	Cessna - Citationjet C525	78.7	80.9	2
LJ60	Gates Learjet - Learjet 60	78.3	78.3	1
AT43	Aerospatiale/Aeritalia - ATR-42-200/300/320	77.9	83.7	16
DH8A	Dehavilland - Dash 8, DHC8 - 100	77.7	80.4	5
DH8C	Dehavilland - Dash 8, DHC8 - 300	77.4	82.9	39
J328	N/A	76.7	76.7	1
CRJ1	Bombardier - Canada Regional Jet 100	76.3	80.5	21
C750	Cessna - Citation 10	76.3	76.3	1
C680	Cessna Citation Sovereign	75.4	75.6	2
LJ40	N/A	74.8	74.8	1
CL60	Canadair Bombardier - CL600/610 Challenger	71.3	71.3	1

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.

Seattle Tacoma International Airport  
**Average Aircraft Noise Level (SEL)**  
 Between 10/1/2008 12:00:00 AM and 12/31/2008 11:59:59 PM (Local Time)

Location: 1205 S 226th Street

NMT # 18

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
B744	Boeing - 747-400	99.9	96.2	216
MD83	Mcdonnell-Douglas - MD-80 Series	96.2	96.3	549
B772	Boeing - 777-200	94.5	92.6	206
MD11	Mcdonnell-Douglas - MD-11	94.3	95.4	34
A332	Airbus - A330-200	93.8	92.0	283
A333	Airbus - A330-300	93.7	91.2	76
B737	Boeing - 737-700	93.5	94.7	3,786
B741	Boeing - 747-100	93.4	93.4	1
B738	Boeing - 737-800	93.3	96.4	5,097
A319	Airbus - A319	93.3	95.2	861
B742	Boeing - 747-200	92.8	90.8	3
A320	Airbus - A320	92.7	94.2	1,373
B763	Boeing - 767-300	92.4	90.5	301
DC10	Mcdonnell-Douglas - DC-10 (all series)	92.2	92.5	169

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.

Seattle Tacoma International Airport  
Average Aircraft Noise Level (SEL)

Between 10/1/2008 12:00:00 AM and 12/31/2008 11:59:59 PM (Local Time)

Aircraft Type	Model	Average Noise Level (SEL)	Number of Events
B752	Boeing - 757-200	92.0	2,051
MD82	Mcdonnell-Douglas - MD-80 Series	91.8	16
B734	Boeing - 737-400	91.4	3,252
A343	Airbus - A340-300	91.4	45
B753	Boeing - 757-300	91.3	794
B733	Boeing - 737-300	91.2	1,541
E190	Embraer - EMB-190	90.7	132
A321	Airbus - A321	90.4	75
B739	Boeing - 737-900	90.3	1,532
B735	Boeing - 737-500	90.2	117
	N/A	89.5	988
MD87	Mcdonnell-Douglas - MD-80 Series	89.4	1
FA50	Dassault-Breguet - Falcon 50, Mystere 50 (T-16)	89.3	7
B721	Boeing - 727-100 (C-22)	89.1	1
A310	Airbus - A310	88.3	16
CRJ1	Bombardier - Canada Regional Jet 100	88.1	5
B77W	N/A	87.6	26
MD10	Mcdonnell-Douglas - DC-10	87.5	121

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.

Seattle Tacoma International Airport  
Average Aircraft Noise Level (SEL)

Between 10/1/2008 12:00:00 AM and 12/31/2008 11:59:59 PM (Local Time)

Aircraft Model	Aircraft Type	Average Noise Level (SEL)	Number of Events
A300	Airbus - A300	86.5	18
B764	N/A	86.3	2
BE40	Beech - Beechjet 400/T-1 Jayhawk	86.3	3
B757	Boeing - 757	86.1	2
CRJ2	Bombardier - Canada Regional Jet 200	85.9	31
CRJ7	Bombardier - Canada Regional Jet 700	85.4	1,574
A306	Airbus - A300B4-600	85.4	40
PC12	Pilatus Flugzeugwerke Ag - PC-12	85.1	3
AT43	Aerospatiale/Aeritalia - ATR-42-200/300/320	85.0	15
B762	Boeing - 767-200	84.5	2
DH8D	Dehavilland - Dash 8, DHC8 - 400	84.3	1,013
B712	Boeing - 717-200	83.8	66
CL30	Bombardier Challenger 300	83.8	3
GALX	Gulfstream G200	83.1	2
B747	Boeing - 747-200F	83.1	1
E170	N/A	83.0	1
E120	Embraer - Brasilia EMB-120	82.9	138
MD90	Mcdonnell-Douglas - MD-90	82.7	179

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.

Seattle Tacoma International Airport  
Average Aircraft Noise Level (SEL)

Between 10/1/2008 12:00:00 AM and 12/31/2008 11:59:59 PM (Local Time)

Aircraft Type	Model	SEL (dB)	SEL (dB)	Count
C56X	Cessna - Citation Excel	82.6	81.5	3
A318	Airbus - A318	82.2	84.7	40
H25B	British Aerospace (BAe) - BAe HS 125 Series 700/800	82.1	80.4	6
F2TH	Dassault-Breguet - Falcon 2000	81.0	80.2	3
P180	Avanti P-180	80.5	82.5	2
GLF4	Gulfstream - Gulfstream 4	80.4	80.4	1
C25B	Cessna Citation Bravo	79.8	79.8	1
DH8C	Dehavilland - Dash 8, DHC8 - 300	79.4	84.8	22
CRJ9	Bombardier - Canada Regional Jet 900	79.4	83.3	57
E145	Embraer - EMB-145	79.3	79.3	1
F900	Dassault-Breguet - Falcon 900, Mystere 900 (T-18)	79.0	79.0	1
DH8B	Dehavilland - Dash 8, DHC8 - 200	78.6	86.0	39
E45X	Embraer - EMB-145XR	78.3	78.3	1
LJ60	Gates Learjet - Learjet 60	77.8	77.8	1
C680	Cessna Citation Sovereign	77.3	77.3	1
LJ31	Gates Learjet - Learjet 31	76.8	76.8	1
J328	N/A	74.7	74.7	1
C550	Cessna - Citation 2/-S2	74.5	74.5	1

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.

Seattle Tacoma International Airport  
Average Aircraft Noise Level (SEL)  
Between 10/1/2008 12:00:00 AM and 12/31/2008 11:59:59 PM (Local Time)

BE36

Beech - Bonanza 36

74.3

74.3

1

Seattle Tacoma International Airport  
Average Aircraft Noise Level (SEL)  
Between 10/1/2008 12:00:00 AM and 12/31/2008 11:59:59 PM (Local Time)

Location: Midway Elementary School

NMT # 19

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
B744	Boeing - 747-400	100.8	98.9	77
B732	Boeing - 737-200 (Surveiller, CT-43, VC-96)	98.6	98.6	1
MD83	Mcdonnell-Douglas - MD-80 Series	98.1	98.4	260
MD11	Mcdonnell-Douglas - MD-11	97.7	100.6	13
A332	Airbus - A330-200	95.4	95.2	107
B772	Boeing - 777-200	95.3	93.4	96
B742	Boeing - 747-200	95.2	95.5	3
B738	Boeing - 737-800	94.7	96.0	1,770
A343	Airbus - A340-300	94.5	94.6	18
A319	Airbus - A319	94.5	91.9	326
A320	Airbus - A320	93.9	89.1	521
B752	Boeing - 757-200	93.9	96.4	725
B737	Boeing - 737-700	93.7	95.6	1,426
B763	Boeing - 767-300	93.3	92.8	114
A333	Airbus - A330-300	93.2	93.6	31

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.

Seattle Tacoma International Airport  
Average Aircraft Noise Level (SEL)  
Between 10/1/2008 12:00:00 AM and 12/31/2008 11:59:59 PM (Local Time)

	N/A	93.1	99.5	115
MD82	Mcdonnell-Douglas - MD-80 Series	92.9	95.8	5
B734	Boeing - 737-400	92.6	96.2	1,148
MD10	Mcdonnell-Douglas - DC-10	92.1	95.1	33
B739	Boeing - 737-900	92.1	94.8	577
B733	Boeing - 737-300	92.0	91.7	585
A321	Airbus - A321	91.1	91.4	61
B753	Boeing - 757-300	90.8	92.4	302
FA50	Dassault-Breguet - Falcon 50, Mystere 50 (T-16)	90.7	89.7	4
B77W	N/A	90.7	92.3	12
DC10	Mcdonnell-Douglas - DC-10 (all series)	90.0	94.7	85
A310	Airbus - A310	89.9	91.2	15
B764	N/A	89.8	90.5	2
E190	Embraer - EMB-190	89.0	88.9	53
A318	Airbus - A318	88.3	85.3	2
B735	Boeing - 737-500	87.6	87.1	14
MD90	Mcdonnell-Douglas - MD-90	86.9	89.0	72
A300	Airbus - A300	86.9	91.0	7

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.

Seattle Tacoma International Airport  
Average Aircraft Noise Level (SEL)  
Between 10/1/2008 12:00:00 AM and 12/31/2008 11:59:59 PM (Local Time)

F900	Dassault-Breguet - Falcon 900, Mystere 900 (T-18)	86.7	86.5	2
E170	N/A	86.4	86.4	1
A306	Airbus - A300B4-600	86.4	90.2	33
BE40	Beech - Beechjet 400/T-1 Jayhawk	85.5	85.3	3
GALX	Gulfstream G200	85.2	81.6	3
CRJ7	Bombardier - Canada Regional Jet 700	85.0	93.5	691
B762	Boeing - 767-200	84.9	86.1	2
AT43	Aerospatiale/Aeritalia - ATR-42-200/300/320	84.3	83.7	3
P180	Avanti P-180	83.8	85.3	2
FA10	Dassault-Breguet - Falcon 10, Mystere 10	83.8	83.8	1
H25B	British Aerospace (BAe) - BAe HS 125 Series 700/800	83.8	83.8	1
B757	Boeing - 757	83.3	83.3	1
C525	Cessna - Citationjet C525	83.2	83.2	1
B712	Boeing - 717-200	82.8	86.8	32
DH8C	Dehavilland - Dash 8, DHC8 - 300	82.5	87.0	5
E120	Embraer - Brasilia EMB-120	81.9	87.9	92
DH8D	Dehavilland - Dash 8, DHC8 - 400	81.8	93.4	674
DH8B	Dehavilland - Dash 8, DHC8 - 200	81.2	82.2	11

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.

Seattle Tacoma International Airport  
Average Aircraft Noise Level (SEL)  
Between 10/1/2008 12:00:00 AM and 12/31/2008 11:59:59 PM (Local Time)

GLF4	Gulfstream - Gulfstream 4	80.8	82.4	2
J328	N/A	80.0	80.0	1
CRJ9	Bombardier - Canada Regional Jet 900	79.5	82.8	18
CRJ2	Bombardier - Canada Regional Jet 200	79.0	81.3	22
LJ60	Gates Learjet - Learjet 60	78.4	80.2	2
CRJ1	Bombardier - Canada Regional Jet 100	77.3	80.6	7
ASTR	Israel Jet - Astra 1125	76.3	76.3	1
C208	Cessna - Caravan 1- 208,(Super) Cargomaster, Grand Caravan (U27)		75.7	75.7 1
C560	Cessna - Citation 5	75.4	75.4	1
C25B	Cessna Citation Bravo	75.3	75.3	1
C56X	Cessna - Citation Excel	74.3	74.3	1
C680	Cessna Citation Sovereign	73.5	73.5	1
PC12	Pilatus Flugzeugwerke Ag - PC-12	73.1	73.1	1

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.

Seattle Tacoma International Airport  
Average Aircraft Noise Level (SEL)  
Between 10/1/2008 12:00:00 AM and 12/31/2008 11:59:59 PM (Local Time)

Location: Parkside Elementary School

NMT # 20

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
B744	Boeing - 747-400	99.1	95.5	26
B772	Boeing - 777-200	95.1	95.7	19
A320	Airbus - A320	92.9	100.1	120
B738	Boeing - 737-800	92.8	100.4	540
B752	Boeing - 757-200	91.8	93.6	215
A332	Airbus - A330-200	91.6	91.4	23
B737	Boeing - 737-700	91.3	99.9	313
B763	Boeing - 767-300	91.0	94.5	29
B733	Boeing - 737-300	90.3	95.7	131
A319	Airbus - A319	90.3	92.9	63
B739	Boeing - 737-900	90.3	99.8	151
A343	Airbus - A340-300	90.2	93.3	4
MD83	Mcdonnell-Douglas - MD-80 Series	90.1	95.4	38
B753	Boeing - 757-300	89.8	92.3	70
E190	Embraer - EMB-190	89.7	92.4	17

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.

Seattle Tacoma International Airport  
Average Aircraft Noise Level (SEL)  
Between 10/1/2008 12:00:00 AM and 12/31/2008 11:59:59 PM (Local Time)

P180	Avanti P-180	88.9	88.9	1
A333	Airbus - A330-300	88.7	89.9	8
C750	Cessna - Citation 10	88.2	88.2	1
B734	Boeing - 737-400	87.9	99.6	266
B735	Boeing - 737-500	87.8	89.1	23
CRJ2	Bombardier - Canada Regional Jet 200	87.0	91.2	3
DC10	Mcdonnell-Douglas - DC-10 (all series)	86.9	90.2	16
MD10	Mcdonnell-Douglas - DC-10	86.5	90.9	21
CRJ7	Bombardier - Canada Regional Jet 700	86.0	95.8	178
A306	Airbus - A300B4-600	85.6	87.7	3
	N/A	85.3	92.2	29
A300	Airbus - A300	85.2	88.7	3
C680	Cessna Citation Sovereign	84.9	84.9	1
B757	Boeing - 757	84.8	84.8	1
DH8B	Dehavilland - Dash 8, DHC8 - 200	84.6	93.9	25
E120	Embraer - Brasilia EMB-120	84.2	93.1	17
DH8D	Dehavilland - Dash 8, DHC8 - 400	83.7	97.1	175
DH8C	Dehavilland - Dash 8, DHC8 - 300	83.5	87.3	3

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.

Seattle Tacoma International Airport  
**Average Aircraft Noise Level (SEL)**  
**Between 10/1/2008 12:00:00 AM and 12/31/2008 11:59:59 PM (Local Time)**

B712	Boeing - 717-200	83.2	89.2	8
A318	Airbus - A318	83.2	86.1	6
B77W	N/A	83.0	83.0	1
BE40	Beech - Beechjet 400/T-1 Jayhawk	82.5	82.5	1
C56X	Cessna - Citation Excel	82.4	84.1	3
MD90	Mcdonnell-Douglas - MD-90	82.3	87.0	15
CRJ1	Bombardier - Canada Regional Jet 100	80.5	83.9	3
CRJ9	Bombardier - Canada Regional Jet 900	78.8	81.1	4
MD11	Mcdonnell-Douglas - MD-11	78.6	78.6	1

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.

Seattle Tacoma International Airport  
Average Aircraft Noise Level (SEL)  
Between 10/1/2008 12:00:00 AM and 12/31/2008 11:59:59 PM (Local Time)

Location: Mark Twain School

NMT # 21

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
B744	Boeing - 747-400	97.2	93.7	129
MD11	Mcdonnell-Douglas - MD-11	92.8	93.5	23
B732	Boeing - 737-200 (Surveiller, CT-43, VC-96)	92.7	92.7	1
A320	Airbus - A320	92.0	96.9	852
A332	Airbus - A330-200	91.9	90.5	191
A319	Airbus - A319	91.8	94.2	542
	N/A	91.5	94.7	627
A333	Airbus - A330-300	91.4	90.8	47
MD83	Mcdonnell-Douglas - MD-80 Series	91.2	94.5	441
B738	Boeing - 737-800	91.1	92.6	2,800
B742	Boeing - 747-200	91.0	90.6	3
B772	Boeing - 777-200	90.8	90.1	133
B741	Boeing - 747-100	90.6	90.6	1
B737	Boeing - 737-700	90.6	95.1	2,334
B763	Boeing - 767-300	90.4	89.7	184

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.

Seattle Tacoma International Airport  
Average Aircraft Noise Level (SEL)  
Between 10/1/2008 12:00:00 AM and 12/31/2008 11:59:59 PM (Local Time)

B752	Boeing - 757-200	90.4	95.4	1,212
A343	Airbus - A340-300	90.2	91.6	29
MD82	Mcdonnell-Douglas - MD-80 Series	89.9	92.1	11
FA50	Dassault-Breguet - Falcon 50, Mystere 50 (T-16)	89.7	87.1	7
E190	Embraer - EMB-190	88.8	88.1	81
B733	Boeing - 737-300	88.7	93.7	992
B739	Boeing - 737-900	87.7	90.2	893
DC10	Mcdonnell-Douglas - DC-10 (all series)	87.7	89.5	129
A321	Airbus - A321	87.6	88.6	75
B734	Boeing - 737-400	87.5	92.6	2,025
MD87	Mcdonnell-Douglas - MD-80 Series	87.4	87.9	2
B753	Boeing - 757-300	87.0	90.6	496
MD10	Mcdonnell-Douglas - DC-10	86.6	88.9	61
B77W	N/A	86.6	89.0	16
B735	Boeing - 737-500	86.2	86.6	28
B721	Boeing - 727-100 (C-22)	86.1	86.1	1
A310	Airbus - A310	85.4	87.8	17

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.

Seattle Tacoma International Airport  
Average Aircraft Noise Level (SEL)

Between 10/1/2008 12:00:00 AM and 12/31/2008 11:59:59 PM (Local Time)

Aircraft Type	Model	SEL (dB)	SEL (dB)	Count
C560	Cessna - Citation 5	84.9	84.9	1
A318	Airbus - A318	84.7	85.7	9
CRJ7	Bombardier - Canada Regional Jet 700	84.3	96.4	1,199
DH8B	Dehavilland - Dash 8, DHC8 - 200	83.8	84.8	50
F900	Dassault-Breguet - Falcon 900, Mystere 900 (T-18)	83.6	83.6	1
MD90	Mcdonnell-Douglas - MD-90	83.1	86.8	119
B764	N/A	83.0	84.9	3
E120	Embraer - Brasilia EMB-120	82.7	90.4	227
A300	Airbus - A300	82.5	84.2	14
A306	Airbus - A300B4-600	82.5	88.0	47
DH8D	Dehavilland - Dash 8, DHC8 - 400	82.2	97.0	1,288
E170	N/A	82.1	82.1	1
DH8C	Dehavilland - Dash 8, DHC8 - 300	82.1	87.4	7
CL30	Bombardier Challenger 300	81.9	79.8	2
BE40	Beech - Beechjet 400/T-1 Jayhawk	81.8	80.4	5
C680	Cessna Citation Sovereign	81.4	81.4	1
B757	Boeing - 757	81.1	81.1	1

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.

Seattle Tacoma International Airport  
Average Aircraft Noise Level (SEL)

Between 10/1/2008 12:00:00 AM and 12/31/2008 11:59:59 PM (Local Time)

Aircraft Model	Aircraft Description	SEL (dB)	SEL (dB)	Count
GLF4	Gulfstream - Gulfstream 4	81.0	83.6	3
GALX	Gulfstream G200	80.9	82.7	4
LJ60	Gates Learjet - Learjet 60	80.9	80.9	1
CRJ2	Bombardier - Canada Regional Jet 200	80.8	85.7	56
FA10	Dassault-Breguet - Falcon 10, Mystere 10	80.3	80.3	1
B712	Boeing - 717-200	80.2	88.0	40
CRJ9	Bombardier - Canada Regional Jet 900	79.4	86.8	39
C56X	Cessna - Citation Excel	79.1	78.6	3
E145	Embraer - EMB-145	79.1	79.1	1
AT43	Aerospatiale/Aeritalia - ATR-42-200/300/320	78.9	79.1	10
P180	Avanti P-180	78.8	80.8	2
ASTR	Israel Jet - Astra 1125	78.6	76.5	2
CRJ1	Bombardier - Canada Regional Jet 100	78.4	84.6	15
E45X	Embraer - EMB-145XR	77.0	77.0	1
CL60	Canadair Bombardier - CL600/610 Challenger	77.0	77.6	3
B762	Boeing - 767-200	76.9	76.9	1
H25B	British Aerospace (BAe) - BAe HS 125 Series 700/800	76.6	76.9	7
C750	Cessna - Citation 10	72.6	73.2	2

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.

Seattle Tacoma International Airport  
Average Aircraft Noise Level (SEL)  
Between 10/1/2008 12:00:00 AM and 12/31/2008 11:59:59 PM (Local Time)

Location: Sacajawea Jr. High School

NMT # 22

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
B744	Boeing - 747-400	97.2	93.4	206
A333	Airbus - A330-300	91.3	89.5	66
B772	Boeing - 777-200	91.2	93.4	197
MD83	Mcdonnell-Douglas - MD-80 Series	90.6	93.3	508
A332	Airbus - A330-200	90.5	91.4	244
B738	Boeing - 737-800	90.3	94.9	4,715
	N/A	90.3	94.8	993
MD11	Mcdonnell-Douglas - MD-11	90.2	89.9	23
A320	Airbus - A320	89.8	97.8	1,307
B737	Boeing - 737-700	89.8	99.4	3,453
A319	Airbus - A319	89.3	92.4	819
B763	Boeing - 767-300	88.8	93.8	280
A310	Airbus - A310	88.6	90.9	12
B741	Boeing - 747-100	88.4	88.4	1
B752	Boeing - 757-200	88.2	92.4	1,860

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.

Seattle Tacoma International Airport  
Average Aircraft Noise Level (SEL)  
Between 10/1/2008 12:00:00 AM and 12/31/2008 11:59:59 PM (Local Time)

A343	Airbus - A340-300	87.8	88.2	39
DC10	Mcdonnell-Douglas - DC-10 (all series)	87.7	92.5	165
B733	Boeing - 737-300	87.6	94.2	1,413
B734	Boeing - 737-400	87.3	93.7	3,155
MD10	Mcdonnell-Douglas - DC-10	87.1	91.1	123
A321	Airbus - A321	86.7	90.7	73
B739	Boeing - 737-900	86.7	92.9	1,454
E190	Embraer - EMB-190	86.4	96.8	119
B735	Boeing - 737-500	86.0	85.3	91
B753	Boeing - 757-300	86.0	93.8	771
MD82	Mcdonnell-Douglas - MD-80 Series	85.9	88.8	10
B732	Boeing - 737-200 (Surveiller, CT-43, VC-96)	84.9	84.9	1
B742	Boeing - 747-200	84.5	84.5	1
B77W	N/A	84.4	87.7	25
B764	N/A	83.9	84.7	2
FA50	Dassault-Breguet - Falcon 50, Mystere 50 (T-16)	83.4	83.3	7
A318	Airbus - A318	83.4	84.6	37
CRJ7	Bombardier - Canada Regional Jet 700	82.9	94.7	1,830

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.

Seattle Tacoma International Airport  
Average Aircraft Noise Level (SEL)  
Between 10/1/2008 12:00:00 AM and 12/31/2008 11:59:59 PM (Local Time)

B747	Boeing - 747-200F	82.6	82.6	1
MD87	Mcdonnell-Douglas - MD-80 Series	82.5	82.5	1
F900	Dassault-Breguet - Falcon 900, Mystere 900 (T-18)	82.2	82.2	1
A306	Airbus - A300B4-600	81.9	89.6	51
CRJ2	Bombardier - Canada Regional Jet 200	81.9	90.0	50
B721	Boeing - 727-100 (C-22)	81.8	81.8	1
MD90	Mcdonnell-Douglas - MD-90	81.8	91.0	178
A300	Airbus - A300	81.7	87.8	19
B712	Boeing - 717-200	81.7	82.6	67
H25B	British Aerospace (BAe) - BAe HS 125 Series 700/800	81.4	81.7	7
P180	Avanti P-180	81.3	82.7	3
DH8D	Dehavilland - Dash 8, DHC8 - 400	81.2	98.6	2,254
E120	Embraer - Brasilia EMB-120	81.2	97.4	319
GLEX	Bombardier BD-700 Global Express	80.5	80.5	1
DH8B	Dehavilland - Dash 8, DHC8 - 200	80.5	93.3	109
AT43	Aerospatiale/Aeritalia - ATR-42-200/300/320	79.5	81.6	13
PC12	Pilatus Flugzeugwerke Ag - PC-12	79.1	80.7	2

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.

Seattle Tacoma International Airport  
Average Aircraft Noise Level (SEL)

Between 10/1/2008 12:00:00 AM and 12/31/2008 11:59:59 PM (Local Time)

CL30	Bombardier Challenger 300	78.6	76.8	4
GLF4	Gulfstream - Gulfstream 4	77.8	77.8	1
CRJ9	Bombardier - Canada Regional Jet 900	77.4	86.1	74
F2TH	Dassault-Breguet - Falcon 2000	77.4	77.4	4
DH8C	Dehavilland - Dash 8, DHC8 - 300	77.3	85.2	41
C680	Cessna Citation Sovereign	76.8	76.8	1
C56X	Cessna - Citation Excel	76.8	77.4	3
DH8A	Dehavilland - Dash 8, DHC8 - 100	76.8	76.8	2
BE40	Beech - Beechjet 400/T-1 Jayhawk	76.7	75.6	3
CRJ1	Bombardier - Canada Regional Jet 100	76.7	83.6	12
GALX	Gulfstream G200	76.2	76.4	5
E170	N/A	76.1	76.1	1
C750	Cessna - Citation 10	75.8	74.5	2
C550	Cessna - Citation 2/-S2	75.4	75.4	1
E45X	Embraer - EMB-145XR	74.9	74.9	1
GLF5	Gulfstream - Gulfstream 5	72.0	72.0	1
B757	Boeing - 757	71.8	73.2	2
ASTR	Israel Jet - Astra 1125	71.7	71.8	2

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.

Seattle Tacoma International Airport  
Average Aircraft Noise Level (SEL)

Between 10/1/2008 12:00:00 AM and 12/31/2008 11:59:59 PM (Local Time)

Aircraft Type	Model	SEL (dB)	SEL (dB)	Count
BE36	Beech - Bonanza 36	71.6	71.6	1
J328	N/A	70.6	70.6	1
LJ60	Gates Learjet - Learjet 60	70.4	70.6	2
LJ35	Gates Learjet - Learjet 35, 36	70.3	70.3	1
LJ31	Gates Learjet - Learjet 31	69.2	69.2	1

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.

Seattle Tacoma International Airport  
Average Aircraft Noise Level (SEL)  
Between 10/1/2008 12:00:00 AM and 12/31/2008 11:59:59 PM (Local Time)

Location: Meredith Hills Elementary

NMT # 23

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
B734	Boeing - 737-400	92.8	92.7	80
B738	Boeing - 737-800	88.1	92.5	464
E190	Embraer - EMB-190	87.8	87.6	42
B744	Boeing - 747-400	87.8	88.0	43
MD83	Mcdonnell-Douglas - MD-80 Series	85.5	89.2	224
B742	Boeing - 747-200	84.7	85.5	3
A332	Airbus - A330-200	83.5	88.0	77
A320	Airbus - A320	83.4	81.2	73
A343	Airbus - A340-300	83.3	86.5	31
A333	Airbus - A330-300	82.8	86.3	31
B752	Boeing - 757-200	82.7	91.7	309
MD11	Mcdonnell-Douglas - MD-11	82.3	86.8	6
B763	Boeing - 767-300	81.5	82.3	15
B772	Boeing - 777-200	81.0	82.1	11
B732	Boeing - 737-200 (Surveiller, CT-43, VC-96)	80.6	80.6	1

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.

Seattle Tacoma International Airport  
Average Aircraft Noise Level (SEL)  
Between 10/1/2008 12:00:00 AM and 12/31/2008 11:59:59 PM (Local Time)

B737	Boeing - 737-700	80.4	86.8	184
A321	Airbus - A321	80.0	81.4	43
A319	Airbus - A319	79.4	82.5	91
A310	Airbus - A310	79.1	82.7	5
MD82	Mcdonnell-Douglas - MD-80 Series	79.0	84.6	4
	N/A	78.9	89.8	90
A306	Airbus - A300B4-600	78.6	78.6	1
B733	Boeing - 737-300	78.5	83.0	180
MD10	Mcdonnell-Douglas - DC-10	78.3	88.3	25
CRJ7	Bombardier - Canada Regional Jet 700	77.9	86.8	90
B735	Boeing - 737-500	77.8	79.1	28
A318	Airbus - A318	77.5	81.8	4
B739	Boeing - 737-900	77.0	89.0	60
B753	Boeing - 757-300	76.8	77.4	43
B741	Boeing - 747-100	76.8	80.9	3
DC10	Mcdonnell-Douglas - DC-10 (all series)	76.8	83.8	40
B712	Boeing - 717-200	75.8	79.2	7
DH8D	Dehavilland - Dash 8, DHC8 - 400	74.7	85.5	96

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.

Seattle Tacoma International Airport  
Average Aircraft Noise Level (SEL)  
Between 10/1/2008 12:00:00 AM and 12/31/2008 11:59:59 PM (Local Time)

MD90	Mcdonnell-Douglas - MD-90	74.5	76.9	3
DH8B	Dehavilland - Dash 8, DHC8 - 200	74.1	77.9	7
F2TH	Dassault-Breguet - Falcon 2000	74.0	74.0	1
FA50	Dassault-Breguet - Falcon 50, Mystere 50 (T-16)	73.7	73.7	1
CRJ2	Bombardier - Canada Regional Jet 200	73.2	74.2	6
CRJ1	Bombardier - Canada Regional Jet 100	72.9	72.9	1
E120	Embraer - Brasilia EMB-120	71.9	76.3	12
B77W	N/A	71.3	76.1	6
CRJ9	Bombardier - Canada Regional Jet 900	70.9	70.9	1
A300	Airbus - A300	70.0	70.0	1

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.

Seattle Tacoma International Airport  
Average Aircraft Noise Level (SEL)  
Between 10/1/2008 12:00:00 AM and 12/31/2008 11:59:59 PM (Local Time)

Location: Federal Way Public School

NMT # 24

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
B744	Boeing - 747-400	94.6	93.0	168
B737	Boeing - 737-700	89.9	91.4	503
B772	Boeing - 777-200	89.7	92.0	123
B738	Boeing - 737-800	89.6	96.0	1,203
B752	Boeing - 757-200	89.3	94.8	171
A319	Airbus - A319	89.0	85.4	139
CRJ1	Bombardier - Canada Regional Jet 100	88.9	88.9	1
A320	Airbus - A320	88.6	87.9	235
B733	Boeing - 737-300	88.1	96.0	357
MD83	Mcdonnell-Douglas - MD-80 Series	88.0	93.5	214
A332	Airbus - A330-200	87.8	86.8	152
MD11	Mcdonnell-Douglas - MD-11	87.2	86.7	15
A333	Airbus - A330-300	86.9	87.0	40
A343	Airbus - A340-300	86.4	85.2	12
B753	Boeing - 757-300	86.1	89.7	196

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.

Seattle Tacoma International Airport  
Average Aircraft Noise Level (SEL)  
Between 10/1/2008 12:00:00 AM and 12/31/2008 11:59:59 PM (Local Time)

E120	Embraer - Brasilia EMB-120	86.0	92.9	8
	N/A	85.9	92.7	251
CRJ7	Bombardier - Canada Regional Jet 700	85.7	91.6	96
MD82	Mcdonnell-Douglas - MD-80 Series	84.9	84.9	1
A310	Airbus - A310	84.7	86.2	9
B734	Boeing - 737-400	84.7	94.7	1,338
B739	Boeing - 737-900	84.6	91.0	554
DH8D	Dehavilland - Dash 8, DHC8 - 400	84.6	93.4	145
A321	Airbus - A321	84.6	82.9	13
C56X	Cessna - Citation Excel	84.5	84.5	1
DC10	Mcdonnell-Douglas - DC-10 (all series)	84.4	90.7	79
B763	Boeing - 767-300	84.4	88.6	182
MD10	Mcdonnell-Douglas - DC-10	84.4	88.3	62
CRJ9	Bombardier - Canada Regional Jet 900	84.3	88.0	3
B735	Boeing - 737-500	84.2	90.2	30
E190	Embraer - EMB-190	83.4	81.2	23
BE40	Beech - Beechjet 400/T-1 Jayhawk	82.9	82.9	1

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Seattle Tacoma International Airport  
Average Aircraft Noise Level (SEL)

Between 10/1/2008 12:00:00 AM and 12/31/2008 11:59:59 PM (Local Time)

DH8C	Dehavilland - Dash 8, DHC8 - 300	82.9	82.9	1
B741	Boeing - 747-100	82.8	82.8	1
B77W	N/A	82.1	85.6	23
MD87	Mcdonnell-Douglas - MD-80 Series	81.9	81.9	1
B712	Boeing - 717-200	81.5	83.3	7
CRJ2	Bombardier - Canada Regional Jet 200	81.2	83.5	2
A306	Airbus - A300B4-600	80.9	84.3	14
DH8B	Dehavilland - Dash 8, DHC8 - 200	80.6	85.3	5
A300	Airbus - A300	80.4	83.3	5
B764	N/A	80.3	80.3	1
PC12	Pilatus Flugzeugwerke Ag - PC-12	80.0	80.0	1
MD90	Mcdonnell-Douglas - MD-90	79.9	84.6	16
A318	Airbus - A318	79.9	82.9	9
AT43	Aerospatiale/Aeritalia - ATR-42-200/300/320	79.0	79.0	1
B747	Boeing - 747-200F	78.6	78.6	1
B732	Boeing - 737-200 (Surveiller, CT-43, VC-96)	78.4	78.4	1
F2TH	Dassault-Breguet - Falcon 2000	76.6	76.6	1
H25B	British Aerospace (BAe) - BAe HS 125 Series 700/800	76.0	76.0	1

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Seattle Tacoma International Airport  
Average Aircraft Noise Level (SEL)  
Between 10/1/2008 12:00:00 AM and 12/31/2008 11:59:59 PM (Local Time)

Location: Twin Lakes Elementary School

NMT # 25

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
B744	Boeing - 747-400	90.8	90.5	79
B763	Boeing - 767-300	88.3	88.4	100
A333	Airbus - A330-300	86.5	86.2	17
B772	Boeing - 777-200	84.3	81.5	61
B752	Boeing - 757-200	83.9	83.1	22
A332	Airbus - A330-200	81.1	84.8	57
B739	Boeing - 737-900	80.8	79.9	273
B737	Boeing - 737-700	80.4	89.4	88
B738	Boeing - 737-800	80.3	94.2	448
	N/A	79.3	90.7	100
B734	Boeing - 737-400	78.7	94.3	562
B753	Boeing - 757-300	78.6	89.9	115
A319	Airbus - A319	78.3	78.0	9
B733	Boeing - 737-300	78.2	81.7	82
B77W	N/A	77.9	80.4	7

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.

Seattle Tacoma International Airport  
Average Aircraft Noise Level (SEL)  
Between 10/1/2008 12:00:00 AM and 12/31/2008 11:59:59 PM (Local Time)

DH8D	Dehavilland - Dash 8, DHC8 - 400	77.7	89.7	33
MD83	Mcdonnell-Douglas - MD-80 Series	77.5	79.6	2
DC10	Mcdonnell-Douglas - DC-10 (all series)	77.2	81.5	16
CRJ7	Bombardier - Canada Regional Jet 700	77.2	86.6	15
MD10	Mcdonnell-Douglas - DC-10	77.2	80.3	9
FA50	Dassault-Breguet - Falcon 50, Mystere 50 (T-16)	76.6	77.0	2
A320	Airbus - A320	76.5	79.2	39
DH8C	Dehavilland - Dash 8, DHC8 - 300	76.2	80.0	6
A300	Airbus - A300	75.5	78.7	8
MD11	Mcdonnell-Douglas - MD-11	75.1	77.0	7
B735	Boeing - 737-500	73.9	73.9	1
A306	Airbus - A300B4-600	72.7	75.1	8
E120	Embraer - Brasilia EMB-120	70.8	75.5	15

**Overall Levels**

<b>Avg. SEL dB(A)</b>	81.9
<b>Max. SEL dB(A)</b>	85.6
<b>Total AC NE</b>	254,414

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