



Seattle Tacoma International Airport

Average Aircraft Noise Level (SEL)

Between 4/1/2008 12:00:00 AM and 6/30/2008 11:59:59 PM (Local Time)

Location : Maple Leaf Reservoir on 82nd Street

NMT # 3

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
A320	Airbus - A320	87.5	91.3	118
CRJ2	N/A	87.2	88.0	10
B737	Boeing - 737-700	87.2	93.5	150
B738	Boeing - 737-800	87.0	92.3	347
B744	Boeing - 747-400	87.0	85.6	72
B752	Boeing - 757-200	86.7	91.6	65
MD83	N/A	86.5	99.5	115
	N/A	85.9	89.8	116
B772	Boeing - 777-200	85.8	87.7	26
A319	Airbus - A319	85.7	86.9	47
B753	Boeing - 757-300	85.0	97.1	38
A332	N/A	84.9	89.1	59
B733	Boeing - 737-300	84.8	89.9	154

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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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
CRJ7	N/A	84.7	89.7	64
B763	Boeing - 767-300	83.8	84.8	56
A343	N/A	83.7	85.9	42
FA50	Dassault-Breguet - Falcon 50, Mystere 50 (T-16)	83.3	83.8	2
GLF5	Gulfstream - Gulfstream 5	83.2	83.2	1
B739	Boeing - 737-900	83.2	93.4	119
MD11	Mcdonnell-Douglas - MD-11	83.2	83.3	10
B712	Boeing - 717-200	83.0	85.6	3
E190	N/A	82.9	81.6	6
C550	Cessna - Citation 2/-S2	82.4	82.4	1
DH8A	Dehavilland - Dash 8, DHC8 - 100	82.1	82.1	1
DH8B	Dehavilland - Dash 8, DHC8 - 200	82.0	94.0	72
E120	Embraer - Brasilia EMB-120	81.9	86.4	15

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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
A333	N/A	81.8	83.5	25
A300	N/A	81.7	81.8	2
B735	Boeing - 737-500	81.7	84.1	11
DH8C	Dehavilland - Dash 8, DHC8 - 300	81.6	88.2	15
DH8D	Dehavilland - Dash 8, DHC8 - 400	80.8	93.2	135
B734	Boeing - 737-400	80.1	90.9	216
CRJ9	N/A	79.9	82.9	4
A124	N/A	79.8	79.8	1
MD87	N/A	79.7	79.7	1
MD90	Mcdonnell-Douglas - MD-90	79.1	83.9	7
A318	N/A	78.8	84.9	16
CL60	Canadair Bombardier - CL600/610 Challenger	78.6	78.6	1
MD88	N/A	78.4	79.7	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.



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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
CRJ1	N/A	78.4	79.8	2
MD82	N/A	78.3	80.4	4
C210	Cessna - Centurion 210, Turbo Centurion	78.2	78.2	1
E45X	N/A	78.1	78.1	1
A321	Airbus - A321	77.7	83.1	48
B773	Boeing - 777-300	77.6	79.8	4
MD10	N/A	76.7	82.3	38
A310	Airbus - A310	75.3	79.1	11
B742	Boeing - 747-200	75.3	77.5	2

Overall Levels

Avg. SEL dB(A)	79.4
Max. SEL dB(A)	83.8
Total AC NE	2,257

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Seattle Tacoma International Airport

Average Aircraft Noise Level (SEL)

Between 4/1/2008 12:00:00 AM and 6/30/2008 11:59:59 PM (Local Time)

Location : 2418 28th Ave W - Magnolia

NMT # 4

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
CRJ7	N/A	88.5	90.1	7
B737	Boeing - 737-700	88.3	87.7	57
MD83	N/A	86.9	100.1	33
B744	Boeing - 747-400	86.6	86.4	18
B735	Boeing - 737-500	85.5	84.0	9
A320	Airbus - A320	84.4	82.8	48
B733	Boeing - 737-300	84.4	83.9	29
DH8B	Dehavilland - Dash 8, DHC8 - 200	83.9	91.8	10
A319	Airbus - A319	83.2	86.2	23
MD11	Mcdonnell-Douglas - MD-11	82.9	82.2	9
B738	Boeing - 737-800	81.2	86.4	97
C208	Cessna - Caravan 1- 208,(Super) Cargomaster, Grand Caravan (U27)		81.1	79.6 2
	N/A	80.5	90.2	23

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Location : 2418 28th Ave W - Magnolia

NMT # 4

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
A333	N/A	79.6	79.6	1
B739	Boeing - 737-900	79.6	83.5	45
B772	Boeing - 777-200	79.5	77.4	4
A300	N/A	79.4	81.5	6
MD10	N/A	78.3	83.3	12
A343	N/A	78.2	79.0	4
DH8C	Dehavilland - Dash 8, DHC8 - 300	78.1	78.1	1
A332	N/A	77.9	78.3	2
B762	Boeing - 767-200	77.8	77.8	1
BE10	Beech - King Air 100 A/B(U-21F Ute)	77.2	77.2	1
B734	Boeing - 737-400	77.0	81.4	69
DH8D	Dehavilland - Dash 8, DHC8 - 400	76.9	89.7	42
B753	Boeing - 757-300	76.8	77.4	28

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Location : 2418 28th Ave W - Magnolia

NMT # 4

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
B752	Boeing - 757-200	76.7	80.5	11
B763	Boeing - 767-300	76.5	81.0	28
A321	Airbus - A321	75.4	76.9	3
DC10	Mcdonnell-Douglas - DC-10 (all series)	74.8	76.8	2
B773	Boeing - 777-300	71.5	71.5	1

Overall Levels

Avg. SEL dB(A)	78.1
Max. SEL dB(A)	81.0
Total AC NE	626

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Seattle Tacoma International Airport

Average Aircraft Noise Level (SEL)

Between 4/1/2008 12:00:00 AM and 6/30/2008 11:59:59 PM (Local Time)

Location : Medina Elementary School 8001 NE 8th St.

NMT # 5

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
B739	Boeing - 737-900	90.0	92.8	20
MD83	N/A	84.3	85.6	64
A343	N/A	82.6	84.8	3
B738	Boeing - 737-800	81.5	79.8	77
B752	Boeing - 757-200	81.1	82.3	8
E45X	N/A	80.6	80.6	1
MD88	N/A	80.5	81.5	2
A320	Airbus - A320	79.7	77.0	14
CRJ7	N/A	78.8	85.1	5
C208	Cessna - Caravan 1- 208,(Super) Cargomaster, Grand Caravan (U27)		78.6	78.6 1
B733	Boeing - 737-300	78.4	78.6	19
B737	Boeing - 737-700	78.4	75.4	15
A321	Airbus - A321	78.3	79.0	2

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Seattle Tacoma International Airport

Average Aircraft Noise Level (SEL)

Between 4/1/2008 12:00:00 AM and 6/30/2008 11:59:59 PM (Local Time)

Location : Medina Elementary School 8001 NE 8th St.

NMT # 5

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
B763	Boeing - 767-300	78.0	79.6	13
MD10	N/A	77.5	81.6	6
DH8D	Dehavilland - Dash 8, DHC8 - 400	77.5	87.3	21
DC10	Mcdonnell-Douglas - DC-10 (all series)	77.3	78.7	9
B734	Boeing - 737-400	76.1	79.7	15
DH8B	Dehavilland - Dash 8, DHC8 - 200	75.6	80.0	14
	N/A	74.6	79.0	6
B753	Boeing - 757-300	74.5	75.5	6
MD90	Mcdonnell-Douglas - MD-90	74.5	76.8	4
A319	Airbus - A319	73.8	72.4	4
B744	Boeing - 747-400	72.5	73.9	2
C340	Cessna - Cessna 340	72.4	72.4	1

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NMT # 5

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
A318	N/A	72.4	75.0	8
PA32	Piper - Cherokee Six, Lance, (Turbo) Saratoga	71.7	71.7	1
E120	Embraer - Brasilia EMB-120	71.5	72.0	2
<u>Overall Levels</u>				
Avg. SEL dB(A)	75.3			
Max. SEL dB(A)	77.4			
Total AC NE	343			

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Average Aircraft Noise Level (SEL)

Between 4/1/2008 12:00:00 AM and 6/30/2008 11:59:59 PM (Local Time)

Location : Hamilton Viewpoint Park Admiral Way – West Seattle

NMT # 6

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
B744	Boeing - 747-400	87.9	87.0	30
B738	Boeing - 737-800	86.9	91.1	61
CRJ7	N/A	84.3	87.0	2
A343	N/A	83.8	87.1	14
A320	Airbus - A320	83.7	83.2	21
B737	Boeing - 737-700	83.3	86.2	27
DH8B	Dehavilland - Dash 8, DHC8 - 200	82.8	87.8	8
DH8D	Dehavilland - Dash 8, DHC8 - 400	82.8	91.2	14
B733	Boeing - 737-300	82.8	87.0	19
MD11	Mcdonnell-Douglas - MD-11	82.3	82.3	7
C560	Cessna - Citation 5	82.3	79.5	2
B763	Boeing - 767-300	82.2	88.9	11
B772	Boeing - 777-200	81.4	81.4	1

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Seattle Tacoma International Airport

Average Aircraft Noise Level (SEL)

Between 4/1/2008 12:00:00 AM and 6/30/2008 11:59:59 PM (Local Time)

Location : Hamilton Viewpoint Park Admiral Way – West Seattle

NMT # 6

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
A332	N/A	80.8	78.5	3
MD83	N/A	80.7	87.1	24
	N/A	80.5	88.5	59
BE10	Beech - King Air 100 A/B(U-21F Ute)	80.1	80.1	1
B753	Boeing - 757-300	79.7	87.2	17
MD10	N/A	79.0	83.4	6
B734	Boeing - 737-400	78.8	88.5	38
DC10	Mcdonnell-Douglas - DC-10 (all series)	78.2	81.7	14
E120	Embraer - Brasilia EMB-120	78.2	79.0	2
A321	Airbus - A321	78.1	81.1	26
BE30	Beech - Super King Air 300/300LW	77.8	79.0	4
A319	Airbus - A319	77.6	80.5	3
B752	Boeing - 757-200	76.9	75.3	5

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Location : Hamilton Viewpoint Park Admiral Way – West Seattle

NMT # 6

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
DH8C	Dehavilland - Dash 8, DHC8 - 300	76.7	76.7	1
B773	Boeing - 777-300	76.7	80.8	10
B739	Boeing - 737-900	75.7	82.0	27
C56X	N/A	75.3	75.3	1
B735	Boeing - 737-500	74.9	74.9	1
A318	N/A	74.0	75.2	2
<u>Overall Levels</u>				
Avg. SEL dB(A)	78.2			
Max. SEL dB(A)	81.4			
Total AC NE	461			

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Seattle Tacoma International Airport

Average Aircraft Noise Level (SEL)

Between 4/1/2008 12:00:00 AM and 6/30/2008 11:59:59 PM (Local Time)

Location : Central Area Senior Center 500 30th Ave S.

NMT # 7

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
A332	N/A	93.5	112.3	173
B744	Boeing - 747-400	87.7	87.9	168
B772	Boeing - 777-200	86.2	100.5	130
MD82	N/A	86.1	88.7	18
CRJ9	N/A	85.8	93.5	10
B737	Boeing - 737-700	85.7	101.2	1,083
B738	Boeing - 737-800	84.7	100.2	2,177
MD81	N/A	84.4	84.4	1
MD90	Mcdonnell-Douglas - MD-90	84.4	100.9	50
CRJ7	N/A	84.3	94.1	155
DH8D	Dehavilland - Dash 8, DHC8 - 400	83.8	110.6	760
LJ45	Gates Learjet - Learjet 45	83.8	83.8	1
A320	Airbus - A320	83.8	96.4	608

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Location : Central Area Senior Center 500 30th Ave S.

NMT # 7

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
MD83	N/A	83.7	89.5	667
MD11	Mcdonnell-Douglas - MD-11	83.6	85.4	42
B752	Boeing - 757-200	83.6	92.3	517
A319	Airbus - A319	83.6	85.7	332
B763	Boeing - 767-300	83.0	98.0	216
	N/A	82.8	89.5	439
E120	Embraer - Brasilia EMB-120	82.6	97.4	65
B733	Boeing - 737-300	82.4	90.7	1,005
LJ60	Gates Learjet - Learjet 60	82.0	87.5	5
MD88	N/A	81.9	87.0	32
DC10	Mcdonnell-Douglas - DC-10 (all series)	81.3	84.6	14
A343	N/A	81.2	87.1	89
B742	Boeing - 747-200	81.0	82.0	4

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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
A333	N/A	80.4	82.7	92
B735	Boeing - 737-500	80.1	79.6	112
MD10	N/A	79.3	84.0	149
CRJ2	N/A	79.2	82.9	12
A124	N/A	79.1	79.1	1
E190	N/A	79.1	84.9	30
B753	Boeing - 757-300	79.1	85.7	176
B739	Boeing - 737-900	78.8	86.9	667
C208	Cessna - Caravan 1- 208,(Super) Cargomaster, Grand Caravan (U27)		78.8	79.0 12
FA50	Dassault-Breguet - Falcon 50, Mystere 50 (T-16)	78.6	77.2	5
B734	Boeing - 737-400	78.4	97.1	1,295
P180	N/A	78.3	80.5	2
BE20	Beech - Super King Air 200, 1300	78.1	78.1	1

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Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
A321	Airbus - A321	78.1	84.7	136
GLF4	Gulfstream - Gulfstream 4	77.8	80.4	2
A310	Airbus - A310	77.8	84.3	35
C172	Cessna - Skyhawk 172/Cutlass/Mescalero	77.8	77.8	1
E135	Embraer - EMB-135	77.7	77.7	1
LJ31	Gates Learjet - Learjet 31	77.6	80.0	2
PC12	Pilatus Flugzeugwerke Ag - PC-12	77.5	77.5	1
C650	Cessna - Citation 3/6/7	77.2	77.2	1
CRJ1	N/A	77.1	79.3	3
EXP	N/A	77.0	77.0	1
MD80	Mcdonnell-Douglas - MD-80 Series	76.9	76.7	9
CL60	Canadair Bombardier - CL600/610 Challenger	76.8	76.8	1
C130	Lockheed - Hercules, Spectre	76.6	76.6	1

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Location : Central Area Senior Center 500 30th Ave S.

NMT # 7

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
LJ35	Gates Learjet - Learjet 35, 36	76.6	76.6	1
B190	Beech - Beech 1900/C-12J	76.1	76.1	1
C56X	N/A	75.9	75.4	3
DH8B	Dehavilland - Dash 8, DHC8 - 200	75.9	90.8	382
BE9L	Beech - KingAir90, A90 to E90 (T-44, V-C6), Taurus 90	75.8	78.2	2
A300	N/A	75.7	79.6	23
E45X	N/A	75.5	82.3	25
C210	Cessna - Centurion 210, Turbo Centurion	75.5	72.9	2
E145	Embraer - EMB-145	75.2	75.2	1
B773	Boeing - 777-300	75.1	79.8	12
A318	N/A	74.8	82.8	111
C560	Cessna - Citation 5	74.6	72.4	2
DH8C	Dehavilland - Dash 8, DHC8 - 300	74.5	80.6	37

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 4/1/2008 12:00:00 AM and 6/30/2008 11:59:59 PM (Local Time)

Location : Central Area Senior Center 500 30th Ave S.

NMT # 7

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
B712	Boeing - 717-200	74.3	81.6	18
BE99	Beech - Airliner99	73.9	76.0	2
P46T	Piper - Malibu Meridian	73.9	73.9	1
BE30	Beech - Super King Air 300/300LW	73.8	75.1	2
AT43	Aerospatiale/Aeritalia - ATR-42-200/300/320	73.3	77.0	9
C182	Cessna - Skylane 182	72.9	72.9	1
MD87	N/A	71.8	71.8	1
PA34	Piper - Seneca 2/3	71.4	71.4	1
C340	Cessna - Cessna 340	71.4	72.1	2
H25B	British Aerospace (BAe) - BAe HS 125 Series 700/800	70.5	70.5	1
DH8A	Dehavilland - Dash 8, DHC8 - 100	70.3	70.3	1

Overall Levels

Avg. SEL dB(A) 76.3

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 4/1/2008 12:00:00 AM and 6/30/2008 11:59:59 PM (Local Time)

Location : Central Area Senior Center 500 30th Ave S.

NMT # 7

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
Max. SEL dB(A)	81.5			
Total AC NE	12,150			

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 4/1/2008 12:00:00 AM and 6/30/2008 11:59:59 PM (Local Time)

Location : Mercer View Community Center

NMT # 8

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
B752	Boeing - 757-200	85.6	86.7	30
B744	Boeing - 747-400	84.9	83.3	4
A320	Airbus - A320	84.5	85.7	27
B737	Boeing - 737-700	82.9	87.0	128
B738	Boeing - 737-800	82.6	85.4	244
MD83	N/A	81.7	87.3	83
A321	Airbus - A321	81.5	81.8	20
B733	Boeing - 737-300	81.4	86.9	134
A319	Airbus - A319	80.3	87.0	25
MD10	N/A	79.8	86.9	12
B753	Boeing - 757-300	79.2	80.7	14
B735	Boeing - 737-500	79.0	78.1	9
C208	Cessna - Caravan 1- 208,(Super) Cargomaster, Grand Caravan (U27)		78.9	80.8 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 4/1/2008 12:00:00 AM and 6/30/2008 11:59:59 PM (Local Time)

Location : Mercer View Community Center

NMT # 8

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
F900	Dassault-Breguet - Falcon 900, Mystere 900 (T-18)	78.8	79.1	2
FA50	Dassault-Breguet - Falcon 50, Mystere 50 (T-16)	78.7	78.7	1
A332	N/A	78.6	78.6	1
DC10	Mcdonnell-Douglas - DC-10 (all series)	78.0	81.7	15
DH8B	Dehavilland - Dash 8, DHC8 - 200	77.8	85.4	66
B739	Boeing - 737-900	77.6	88.7	61
CRJ7	N/A	77.6	81.4	29
C210	Cessna - Centurion 210, Turbo Centurion	77.6	77.6	1
P180	N/A	77.6	77.6	1
	N/A	77.5	84.1	24
A310	Airbus - A310	77.4	77.4	1
C172	Cessna - Skyhawk 172/Cutlass/Mescalero	77.2	77.4	2
C560	Cessna - Citation 5	76.3	76.3	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 4/1/2008 12:00:00 AM and 6/30/2008 11:59:59 PM (Local Time)

Location : Mercer View Community Center

NMT # 8

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
A343	N/A	76.1	79.1	5
GLF5	Gulfstream - Gulfstream 5	76.0	76.0	1
B763	Boeing - 767-300	75.9	79.2	13
E120	Embraer - Brasilia EMB-120	75.8	78.1	2
MD90	Mcdonnell-Douglas - MD-90	75.8	82.6	16
GALX	N/A	75.7	75.7	1
B734	Boeing - 737-400	75.7	81.0	67
DH8D	Dehavilland - Dash 8, DHC8 - 400	75.6	85.7	133
A300	N/A	75.4	77.3	2
E45X	N/A	75.1	75.1	1
AC90	Rockwell - Turbo Commander 690, Commander Jetprop 840/900	74.7	76.7	2
CRJ9	N/A	74.3	75.9	3
BE99	Beech - Airliner99	74.3	74.3	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 4/1/2008 12:00:00 AM and 6/30/2008 11:59:59 PM (Local Time)

Location : Mercer View Community Center

NMT # 8

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
MD82	N/A	74.3	74.3	1
C340	Cessna - Cessna 340	73.3	73.3	1
A318	N/A	71.6	75.9	21
PA32	Piper - Cherokee Six, Lance, (Turbo) Saratoga	68.0	68.0	1
E145	Embraer - EMB-145	68.0	68.6	3

Overall Levels

Avg. SEL dB(A)	75.6
Max. SEL dB(A)	78.7
Total AC NE	1,213

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 4/1/2008 12:00:00 AM and 6/1/2008 11:59:59 PM (Local Time)

Location : Beacon Hill Reservoir

NMT # 9

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
B752	Boeing - 757-200	98.6	101.1	553
C56X	N/A	95.7	94.1	4
MD80	Mcdonnell-Douglas - MD-80 Series	95.7	102.2	14
B744	Boeing - 747-400	94.5	92.2	126
B737	Boeing - 737-700	93.5	100.3	1,342
B772	Boeing - 777-200	93.1	101.1	126
	N/A	93.0	98.1	442
B738	Boeing - 737-800	92.7	102.2	2,134
BE40	Beech - Beechjet 400/T-1 Jayhawk	92.4	92.1	2
A319	Airbus - A319	91.5	98.3	266
A320	Airbus - A320	91.4	95.7	489
A343	N/A	91.1	96.3	80
GLF4	Gulfstream - Gulfstream 4	91.0	92.2	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 4/1/2008 12:00:00 AM and 6/1/2008 11:59:59 PM (Local Time)

Location : Beacon Hill Reservoir

NMT # 9

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
B763	Boeing - 767-300	90.4	95.7	232
MD11	Mcdonnell-Douglas - MD-11	90.0	93.2	30
MD83	N/A	89.9	100.4	722
B742	Boeing - 747-200	89.6	90.9	4
B733	Boeing - 737-300	89.5	99.7	857
CRJ2	N/A	89.2	94.3	20
A332	N/A	89.2	92.6	115
CRJ7	N/A	88.8	102.4	341
A124	N/A	88.7	88.7	1
A333	N/A	88.5	95.7	66
MD88	N/A	88.2	91.7	24
E120	Embraer - Brasilia EMB-120	88.2	96.1	99
MD82	N/A	87.9	89.5	13

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 4/1/2008 12:00:00 AM and 6/1/2008 11:59:59 PM (Local Time)

Location : Beacon Hill Reservoir

NMT # 9

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
H25B	British Aerospace (BAe) - BAe HS 125 Series 700/800	87.7	87.7	1
P180	N/A	87.2	87.2	1
B739	Boeing - 737-900	87.1	96.1	688
B190	Beech - Beech 1900/C-12J	86.9	87.7	2
MD10	N/A	86.8	90.9	139
FA50	Dassault-Breguet - Falcon 50, Mystere 50 (T-16)	86.7	88.3	2
CRJ1	N/A	86.5	90.6	6
E135	Embraer - EMB-135	86.5	86.5	1
B735	Boeing - 737-500	86.4	95.2	74
E45X	N/A	86.3	94.5	27
B734	Boeing - 737-400	86.3	98.6	1,129
MD81	N/A	86.2	88.6	2
DH8C	Dehavilland - Dash 8, DHC8 - 300	86.1	94.8	61

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 4/1/2008 12:00:00 AM and 6/1/2008 11:59:59 PM (Local Time)

Location : Beacon Hill Reservoir

NMT # 9

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
E190	N/A	86.1	89.9	26
A300	N/A	85.7	89.4	18
B753	Boeing - 757-300	85.7	94.0	252
LJ31	Gates Learjet - Learjet 31	85.6	87.7	2
DH8B	Dehavilland - Dash 8, DHC8 - 200	85.6	101.0	313
A318	N/A	85.6	93.1	74
BE30	Beech - Super King Air 300/300LW	85.5	85.5	1
C208	Cessna - Caravan 1- 208,(Super) Cargomaster, Grand Caravan (U27)		85.3	83.5 3
DH8D	Dehavilland - Dash 8, DHC8 - 400	85.1	102.0	1,096
B773	Boeing - 777-300	84.8	90.9	28
C210	Cessna - Centurion 210, Turbo Centurion	84.7	82.1	2
MD90	Mcdonnell-Douglas - MD-90	84.7	95.3	35
C340	Cessna - Cessna 340	84.6	84.6	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 4/1/2008 12:00:00 AM and 6/1/2008 11:59:59 PM (Local Time)

Location : Beacon Hill Reservoir

NMT # 9

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
C560	Cessna - Citation 5	84.4	82.7	3
BE99	Beech - Airliner99	84.4	84.4	1
A310	Airbus - A310	84.4	87.7	29
DC10	Mcdonnell-Douglas - DC-10 (all series)	84.4	87.9	24
B747	N/A	84.2	84.2	1
B712	Boeing - 717-200	83.7	88.3	17
CRJ9	N/A	83.0	89.6	15
TBM7	Aerospatiale - TBM TB-700	82.9	82.9	1
AT43	Aerospatiale/Aeritalia - ATR-42-200/300/320	82.7	84.0	7
A321	Airbus - A321	82.6	85.6	109
CL30	N/A	82.4	82.4	1
E145	Embraer - EMB-145	82.0	82.0	1
LJ60	Gates Learjet - Learjet 60	81.3	82.8	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 4/1/2008 12:00:00 AM and 6/1/2008 11:59:59 PM (Local Time)

Location : Beacon Hill Reservoir

NMT # 9

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
C402	Cessna - Cessna 401, 402, Utiliner, Businessliner	81.3	81.3	1
DC87	Mcdonnell-Douglas - DC-8-70	81.2	81.2	1
F2TH	Dassault-Breguet - Falcon 2000	81.0	81.0	1
F900	Dassault-Breguet - Falcon 900, Mystere 900 (T-18)	81.0	81.0	1
GALX	N/A	80.6	80.9	2
GLF5	Gulfstream - Gulfstream 5	80.6	80.6	1
C25B	N/A	80.5	80.5	1
A306	Airbus - A300B4-600	80.2	81.2	4
B757	N/A	80.0	80.0	1
LJ25	Gates Learjet - Learjet 25	80.0	80.0	1
PA34	Piper - Seneca 2/3	79.8	79.8	1
LJ35	Gates Learjet - Learjet 35, 36	79.7	80.3	3
AC90	Rockwell - Turbo Commander 690, Commander Jetprop 840/900	78.4	78.4	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 4/1/2008 12:00:00 AM and 6/1/2008 11:59:59 PM (Local Time)

Location : Beacon Hill Reservoir

NMT # 9

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
B350	Beech - Super King Air 350	76.2	76.2	1

Overall Levels

Avg. SEL dB(A)	84.3
Max. SEL dB(A)	89.1
Total AC NE	12,322

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 4/1/2008 12:00:00 AM and 6/30/2008 11:59:59 PM (Local Time)

Location : Brighton Playfield 39th Ave S. and S. Juneau St.

NMT # 10

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
	N/A	90.5	106.7	290
A320	Airbus - A320	90.1	102.0	245
B737	Boeing - 737-700	89.0	100.5	726
B738	Boeing - 737-800	88.5	104.0	1,237
B744	Boeing - 747-400	88.2	87.5	88
A332	N/A	87.8	93.2	91
E145	Embraer - EMB-145	86.9	89.8	2
MD83	N/A	86.1	103.2	430
A319	Airbus - A319	85.9	93.5	104
B752	Boeing - 757-200	85.3	94.4	386
C56X	N/A	85.1	82.2	6
E190	N/A	85.1	91.2	17
A318	N/A	85.0	98.3	28

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 4/1/2008 12:00:00 AM and 6/30/2008 11:59:59 PM (Local Time)

Location : Brighton Playfield 39th Ave S. and S. Juneau St.

NMT # 10

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
BE20	Beech - Super King Air 200, 1300	85.0	85.0	1
CRJ7	N/A	84.6	100.5	188
B733	Boeing - 737-300	84.4	103.5	639
C750	Cessna - Citation 10	84.1	83.7	2
B763	Boeing - 767-300	83.6	89.0	125
DH8D	Dehavilland - Dash 8, DHC8 - 400	83.5	108.0	760
B735	Boeing - 737-500	83.3	90.9	74
MD11	Mcdonnell-Douglas - MD-11	83.3	85.1	15
B772	Boeing - 777-200	83.0	87.8	87
A310	Airbus - A310	83.0	90.2	7
H25B	British Aerospace (BAe) - BAe HS 125 Series 700/800	82.7	81.8	2
MD80	Mcdonnell-Douglas - MD-80 Series	82.6	81.1	9
B739	Boeing - 737-900	82.6	101.6	358

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 4/1/2008 12:00:00 AM and 6/30/2008 11:59:59 PM (Local Time)

Location : Brighton Playfield 39th Ave S. and S. Juneau St.

NMT # 10

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
CRJ2	N/A	82.0	89.7	30
MD81	N/A	81.6	81.6	1
A333	N/A	81.4	88.5	40
A343	N/A	81.4	87.3	55
MD88	N/A	81.2	84.1	16
DC87	Mcdonnell-Douglas - DC-8-70	81.1	81.1	1
B753	Boeing - 757-300	81.1	90.6	108
MD82	N/A	80.5	86.0	5
C208	Cessna - Caravan 1- 208,(Super) Cargomaster, Grand Caravan (U27)		80.1	81.6 7
E45X	N/A	80.0	91.9	26
DH8C	Dehavilland - Dash 8, DHC8 - 300	79.8	91.5	60
A300	N/A	79.2	87.0	7
A321	Airbus - A321	79.1	89.6	40

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 4/1/2008 12:00:00 AM and 6/30/2008 11:59:59 PM (Local Time)

Location : Brighton Playfield 39th Ave S. and S. Juneau St.

NMT # 10

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
DH8B	Dehavilland - Dash 8, DHC8 - 200	79.1	91.9	264
MD87	N/A	78.8	78.8	1
E120	Embraer - Brasilia EMB-120	78.3	86.9	122
B734	Boeing - 737-400	77.9	96.0	753
C560	Cessna - Citation 5	77.9	79.4	3
B773	Boeing - 777-300	77.6	81.7	9
MD10	N/A	77.6	85.0	41
B712	Boeing - 717-200	77.4	83.1	11
AC90	Rockwell - Turbo Commander 690, Commander Jetprop 840/900	77.3	79.8	2
MD90	Mcdonnell-Douglas - MD-90	77.2	85.3	32
A306	Airbus - A300B4-600	76.7	81.3	13
C172	Cessna - Skyhawk 172/Cutlass/Mescalero	76.5	75.9	5
DC10	Mcdonnell-Douglas - DC-10 (all series)	76.5	83.7	47

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 4/1/2008 12:00:00 AM and 6/30/2008 11:59:59 PM (Local Time)

Location : Brighton Playfield 39th Ave S. and S. Juneau St.

NMT # 10

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
AT43	Aerospatale/Aeritalia - ATR-42-200/300/320	76.5	81.9	13
CRJ9	N/A	76.1	84.0	14
C25A	N/A	75.6	75.6	1
GALX	N/A	75.6	75.6	1
CRJ1	N/A	75.5	78.9	3
CL60	Canadair Bombardier - CL600/610 Challenger	74.9	74.9	1
B190	Beech - Beech 1900/C-12J	74.8	74.8	1
BE30	Beech - Super King Air 300/300LW	74.8	76.0	3
LJ60	Gates Learjet - Learjet 60	74.6	73.7	3
DA42	N/A	74.1	74.1	1
FA50	Dassault-Breguet - Falcon 50, Mystere 50 (T-16)	73.5	76.6	7
BE40	Beech - Beechjet 400/T-1 Jayhawk	72.6	72.6	1
EXP	N/A	72.3	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 4/1/2008 12:00:00 AM and 6/30/2008 11:59:59 PM (Local Time)

Location : Brighton Playfield 39th Ave S. and S. Juneau St.

NMT # 10

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
C182	Cessna - Skylane 182	71.3	71.3	1
BE9L	Beech - KingAir90, A90 to E90 (T-44, V-C6), Taurus 90	70.6	70.6	1
LJ31	Gates Learjet - Learjet 31	70.5	70.5	1
CL30	N/A	69.5	69.5	1
C402	Cessna - Cessna 401, 402, Utiliner, Businessliner	69.4	69.4	1
F2TH	Dassault-Breguet - Falcon 2000	69.4	69.4	1
<u>Overall Levels</u>				
Avg. SEL dB(A)		77.7		
Max. SEL dB(A)		83.8		
Total AC NE		7,673		

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 4/1/2008 12:00:00 AM and 6/30/2008 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	95.1	232
MD11	Mcdonnell-Douglas - MD-11	91.9	94.0	57
	N/A	91.8	94.1	1,363
B772	Boeing - 777-200	91.3	89.1	244
B738	Boeing - 737-800	90.7	95.6	4,855
A343	N/A	90.7	93.0	117
MD83	N/A	90.4	95.5	1,443
B763	Boeing - 767-300	90.2	93.6	462
B737	Boeing - 737-700	90.1	97.7	3,349
B752	Boeing - 757-200	90.0	92.8	1,757
MD80	Mcdonnell-Douglas - MD-80 Series	90.0	93.7	22
B733	Boeing - 737-300	89.8	94.2	2,167
A319	Airbus - A319	88.8	89.3	568

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 4/1/2008 12:00:00 AM and 6/30/2008 11:59:59 PM (Local Time)

Location : Beverly Park School

NMT # 11

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
A320	Airbus - A320	88.7	88.0	1,100
A332	N/A	88.6	96.6	234
B742	Boeing - 747-200	88.3	89.9	4
MD82	N/A	88.3	93.0	32
MD10	N/A	88.2	89.8	200
MD88	N/A	87.9	93.6	47
DC10	Mcdonnell-Douglas - DC-10 (all series)	87.4	90.9	43
A333	N/A	87.3	89.5	120
MD81	N/A	86.8	90.8	3
BE20	Beech - Super King Air 200, 1300	86.8	86.8	1
B735	Boeing - 737-500	86.7	86.7	237
P180	N/A	86.6	88.2	2
C402	Cessna - Cessna 401, 402, Utiliner, Businessliner	86.4	89.6	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 4/1/2008 12:00:00 AM and 6/30/2008 11:59:59 PM (Local Time)

Location : Beverly Park School

NMT # 11

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
B190	Beech - Beech 1900/C-12J	86.1	86.9	4
B753	Boeing - 757-300	85.7	91.9	672
B734	Boeing - 737-400	85.5	94.7	2,637
B739	Boeing - 737-900	85.4	100.5	1,509
A321	Airbus - A321	85.4	86.5	209
A124	N/A	85.4	85.4	1
FA50	Dassault-Breguet - Falcon 50, Mystere 50 (T-16)	85.3	89.4	20
C560	Cessna - Citation 5	85.1	84.5	5
MD87	N/A	85.0	85.4	2
B773	Boeing - 777-300	84.8	89.1	35
C208	Cessna - Caravan 1- 208,(Super) Cargomaster, Grand Caravan (U27)		84.8	83.7 22
B747	N/A	84.6	84.6	1
A306	Airbus - A300B4-600	84.5	87.2	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 4/1/2008 12:00:00 AM and 6/30/2008 11:59:59 PM (Local Time)

Location : Beverly Park School

NMT # 11

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
C130	Lockheed - Hercules, Spectre	84.4	84.4	1
GLF4	Gulfstream - Gulfstream 4	84.3	82.0	9
C340	Cessna - Cessna 340	84.2	84.2	1
GLF5	Gulfstream - Gulfstream 5	84.1	83.7	2
C650	Cessna - Citation 3/6/7	84.0	86.8	2
B762	Boeing - 767-200	84.0	84.0	1
GALX	N/A	83.6	83.6	1
LJ60	Gates Learjet - Learjet 60	83.6	84.4	18
E190	N/A	83.5	87.8	83
DC87	Mcdonnell-Douglas - DC-8-70	83.5	83.5	1
BE99	Beech - Airliner99	83.5	84.9	2
C210	Cessna - Centurion 210, Turbo Centurion	83.5	81.7	4
C172	Cessna - Skyhawk 172/Cutlass/Mescalero	83.4	84.0	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.



Seattle Tacoma International Airport

Average Aircraft Noise Level (SEL)

Between 4/1/2008 12:00:00 AM and 6/30/2008 11:59:59 PM (Local Time)

Location : Beverly Park School

NMT # 11

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
A310	Airbus - A310	83.2	86.4	48
GLF2	Gulfstream - Gulfstream 2	83.2	83.2	1
LJ25	Gates Learjet - Learjet 25	83.2	83.2	1
WW24	Israel - 1124 Westwind	83.2	83.2	1
BE9L	Beech - KingAir90, A90 to E90 (T-44, V-C6), Taurus 90	82.5	82.5	1
A300	N/A	82.4	86.2	32
C25A	N/A	82.4	84.4	2
415C	N/A	82.3	82.3	1
A318	N/A	82.3	85.6	204
PA28	N/A	82.2	82.2	1
PA34	Piper - Seneca 2/3	82.2	83.3	2
CRJ7	N/A	82.1	94.6	1,147
C56X	N/A	82.1	83.4	13

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 4/1/2008 12:00:00 AM and 6/30/2008 11:59:59 PM (Local Time)

Location : Beverly Park School

NMT # 11

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
SW4	Fairchild - Metro, Merlin 4	81.9	81.9	1
F900	Dassault-Breguet - Falcon 900, Mystere 900 (T-18)	81.7	79.9	2
CL60	Canadair Bombardier - CL600/610 Challenger	81.4	83.2	4
BE36	Beech - Bonanza 36	81.3	81.4	2
LJ35	Gates Learjet - Learjet 35, 36	81.1	82.9	6
172S	N/A	81.0	81.0	1
E135	Embraer - EMB-135	81.0	81.0	1
PC12	Pilatus Flugzeugwerke Ag - PC-12	80.7	79.1	5
DA40	N/A	80.7	80.7	1
LJ31	Gates Learjet - Learjet 31	80.5	80.7	2
TBM7	Aerospatiale - TBM TB-700	80.3	80.3	1
E45X	N/A	80.3	95.5	83
CL30	N/A	79.9	81.8	4

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Seattle Tacoma International Airport

Average Aircraft Noise Level (SEL)

Between 4/1/2008 12:00:00 AM and 6/30/2008 11:59:59 PM (Local Time)

Location : Beverly Park School

NMT # 11

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
BE58	Beech - Baron58,Foxstar	79.9	79.9	1
DH8C	Dehavilland - Dash 8, DHC8 - 300	79.8	83.0	189
CRJ2	N/A	79.7	81.9	77
MD90	Mcdonnell-Douglas - MD-90	79.6	83.5	153
C680	N/A	79.5	84.0	4
LJ45	Gates Learjet - Learjet 45	79.1	79.1	1
AT43	Aerospatiale/Aeritalia - ATR-42-200/300/320	79.1	86.1	29
DH8B	Dehavilland - Dash 8, DHC8 - 200	79.0	95.7	1,368
H25B	British Aerospace (BAe) - BAe HS 125 Series 700/800	79.0	76.6	3
EXP	N/A	78.9	78.9	1
BE40	Beech - Beechjet 400/T-1 Jayhawk	78.8	80.8	2
DH8D	Dehavilland - Dash 8, DHC8 - 400	78.7	96.7	3,860
C182	Cessna - Skylane 182	78.7	82.3	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 4/1/2008 12:00:00 AM and 6/30/2008 11:59:59 PM (Local Time)

Location : Beverly Park School

NMT # 11

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
F2TH	Dassault-Breguet - Falcon 2000	78.6	78.3	3
B757	N/A	78.4	80.2	2
E120	Embraer - Brasilia EMB-120	78.4	90.9	446
B712	Boeing - 717-200	78.1	84.2	66
C750	Cessna - Citation 10	78.0	76.2	2
AT42	N/A	77.9	77.9	1
GLS3	N/A	77.9	77.9	1
CRJ1	N/A	77.5	85.0	24
CRJ9	N/A	77.2	83.6	43
E145	Embraer - EMB-145	76.2	79.2	5
P46T	Piper - Malibu Meridian	75.7	75.7	1
SW3	Fairchild - Merlin 3	75.4	75.4	1
C425	Cessna - Corsair/Conquest I-425	75.0	75.0	1

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Seattle Tacoma International Airport

Average Aircraft Noise Level (SEL)

Between 4/1/2008 12:00:00 AM and 6/30/2008 11:59:59 PM (Local Time)

Location : Beverly Park School

NMT # 11

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
DH8A	Dehavilland - Dash 8, DHC8 - 100	74.4	75.7	2
BE10	Beech - King Air 100 A/B(U-21F Ute)	73.1	73.1	1
AC90	Rockwell - Turbo Commander 690, Commander Jetprop 840/900	72.8	72.8	1
BE30	Beech - Super King Air 300/300LW	72.7	73.1	4
C441	Cessna - Conquest/Conquest 2 - 441	72.2	72.5	2

Overall Levels

Avg. SEL dB(A)	81.1
Max. SEL dB(A)	84.6
Total AC NE	31,791

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 4/1/2008 12:00:00 AM and 6/30/2008 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	100.3	98.8	218
MD11	Mcdonnell-Douglas - MD-11	94.2	97.7	54
B737	Boeing - 737-700	93.1	102.2	3,023
MD81	N/A	92.7	95.7	2
	N/A	92.7	97.9	1,119
A343	N/A	92.4	96.2	110
B772	Boeing - 777-200	91.9	96.6	241
BE40	Beech - Beechjet 400/T-1 Jayhawk	91.9	90.4	2
B752	Boeing - 757-200	91.4	92.5	1,717
B738	Boeing - 737-800	91.2	96.9	4,789
B763	Boeing - 767-300	91.2	96.7	460
MD83	N/A	91.1	101.7	1,362
MD88	N/A	91.0	97.9	52

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 4/1/2008 12:00:00 AM and 6/30/2008 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
B733	Boeing - 737-300	90.8	93.7	2,127
MD82	N/A	90.6	95.9	28
DC10	Mcdonnell-Douglas - DC-10 (all series)	90.3	92.7	40
A332	N/A	90.1	97.4	214
A320	Airbus - A320	89.6	92.0	828
A333	N/A	89.5	94.8	119
B742	Boeing - 747-200	88.7	91.9	4
C560	Cessna - Citation 5	88.7	86.3	3
B735	Boeing - 737-500	88.5	89.8	233
A306	Airbus - A300B4-600	88.3	90.7	17
A319	Airbus - A319	88.3	91.8	413
B190	Beech - Beech 1900/C-12J	88.3	86.7	3
C25A	N/A	88.1	88.1	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 4/1/2008 12:00:00 AM and 6/30/2008 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
MD10	N/A	88.1	92.3	197
C402	Cessna - Cessna 401, 402, Utiliner, Businessliner	87.8	90.8	3
MD80	Mcdonnell-Douglas - MD-80 Series	87.8	93.6	22
C210	Cessna - Centurion 210, Turbo Centurion	87.2	86.3	2
FA50	Dassault-Breguet - Falcon 50, Mystere 50 (T-16)	86.9	89.7	15
B773	Boeing - 777-300	86.9	92.2	31
BE9L	Beech - KingAir90, A90 to E90 (T-44, V-C6), Taurus 90	86.7	86.7	1
B753	Boeing - 757-300	86.6	98.1	667
A321	Airbus - A321	86.6	91.4	207
GLF2	Gulfstream - Gulfstream 2	86.5	86.5	1
B739	Boeing - 737-900	86.3	94.1	1,510
EA50	N/A	86.2	86.2	1
A124	N/A	86.1	86.1	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 4/1/2008 12:00:00 AM and 6/30/2008 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
B712	Boeing - 717-200	86.0	98.4	30
B734	Boeing - 737-400	85.9	95.9	2,615
SW4	Fairchild - Metro, Merlin 4	85.5	85.5	1
C172	Cessna - Skyhawk 172/Cutlass/Mescalero	85.5	87.0	5
GLF4	Gulfstream - Gulfstream 4	85.4	81.8	5
LJ60	Gates Learjet - Learjet 60	85.3	88.4	6
A310	Airbus - A310	85.2	89.5	50
BE20	Beech - Super King Air 200, 1300	85.1	85.1	1
BE99	Beech - Airliner99	85.1	87.7	2
C56X	N/A	84.9	87.8	7
C182	Cessna - Skylane 182	84.9	84.9	1
CL30	N/A	84.7	82.9	3
GLF5	Gulfstream - Gulfstream 5	84.2	80.4	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 4/1/2008 12:00:00 AM and 6/30/2008 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
H25B	British Aerospace (BAe) - BAe HS 125 Series 700/800	84.0	81.7	3
P180	N/A	83.9	84.7	2
LJ35	Gates Learjet - Learjet 35, 36	83.9	86.2	6
MD90	Mcdonnell-Douglas - MD-90	83.4	92.7	85
CRJ7	N/A	83.3	96.2	563
E190	N/A	83.2	86.7	71
F900	Dassault-Breguet - Falcon 900, Mystere 900 (T-18)	82.7	80.7	2
A318	N/A	82.5	89.3	176
GALX	N/A	82.4	80.5	4
C650	Cessna - Citation 3/6/7	82.4	82.4	1
CL60	Canadair Bombardier - CL600/610 Challenger	82.4	82.5	3
B747	N/A	82.3	82.3	1
C680	N/A	81.9	81.9	1

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Seattle Tacoma International Airport

Average Aircraft Noise Level (SEL)

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Location : 2226 S. 126th Street

NMT # 12

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
B762	Boeing - 767-200	81.7	81.7	1
CRJ2	N/A	81.3	90.7	54
172S	N/A	81.2	81.2	1
C340	Cessna - Cessna 340	81.0	81.0	1
E45X	N/A	81.0	95.2	69
C130	Lockheed - Hercules, Spectre	80.9	80.9	1
TBM7	Aerospatiale - TBM TB-700	80.6	80.6	1
A300	N/A	80.4	86.7	29
CRJ9	N/A	80.3	83.2	20
E120	Embraer - Brasilia EMB-120	80.1	95.8	390
PC12	Pilatus Flugzeugwerke Ag - PC-12	79.9	78.6	4
DA40	N/A	79.8	79.8	1
MD87	N/A	79.6	81.3	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 4/1/2008 12:00:00 AM and 6/30/2008 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
C441	Cessna - Conquest/Conquest 2 - 441	79.6	79.6	1
BE36	Beech - Bonanza 36	79.5	81.8	3
E145	Embraer - EMB-145	79.4	83.3	5
DH8D	Dehavilland - Dash 8, DHC8 - 400	79.2	101.3	1,892
DH8B	Dehavilland - Dash 8, DHC8 - 200	79.1	95.0	715
C208	Cessna - Caravan 1- 208,(Super) Cargomaster, Grand Caravan (U27)		79.1	79.0 19
AT43	Aerospatale/Aeritalia - ATR-42-200/300/320	78.8	82.9	33
DC87	Mcdonnell-Douglas - DC-8-70	78.8	78.8	1
E135	Embraer - EMB-135	78.5	78.5	1
DH8C	Dehavilland - Dash 8, DHC8 - 300	78.4	90.2	83
415C	N/A	78.2	78.2	1
B757	N/A	78.1	78.1	1
PA28	N/A	78.1	78.1	1

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Seattle Tacoma International Airport

Average Aircraft Noise Level (SEL)

Between 4/1/2008 12:00:00 AM and 6/30/2008 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
AC69	N/A	77.5	77.5	1
CRJ1	N/A	77.2	82.2	21
AT42	N/A	75.7	75.7	1
LJ31	Gates Learjet - Learjet 31	75.0	75.0	1
PA34	Piper - Seneca 2/3	75.0	75.8	2
D8B	N/A	74.0	74.0	1
F2TH	Dassault-Breguet - Falcon 2000	73.8	74.4	2
PA31	Piper - Chieftan, Mohave, Navajo, T-1020	72.8	72.8	1

Overall Levels

Avg. SEL dB(A)	82.2
Max. SEL dB(A)	86.4
Total AC NE	26,845

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 4/1/2008 12:00:00 AM and 6/30/2008 11:59:59 PM (Local Time)

Location : Cedarhurst Elementary School 611 S. 132nd St.

NMT # 13

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
MD81	N/A	90.7	90.7	1
	N/A	89.7	96.1	345
B744	Boeing - 747-400	89.4	91.2	135
B752	Boeing - 757-200	89.0	92.2	623
B737	Boeing - 737-700	88.4	92.1	1,171
B738	Boeing - 737-800	88.1	93.2	1,568
MD83	N/A	88.0	92.5	490
MD82	N/A	87.9	88.6	10
B733	Boeing - 737-300	87.3	98.8	620
MD88	N/A	87.3	91.7	19
B772	Boeing - 777-200	87.1	86.7	79
A320	Airbus - A320	87.0	92.0	302
A333	N/A	87.0	89.2	53

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 4/1/2008 12:00:00 AM and 6/30/2008 11:59:59 PM (Local Time)

Location : Cedarhurst Elementary School 611 S. 132nd St.

NMT # 13

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
MD11	Mcdonnell-Douglas - MD-11	86.9	90.5	24
B763	Boeing - 767-300	86.9	87.0	140
BE10	Beech - King Air 100 A/B(U-21F Ute)	86.8	86.8	1
E120	Embraer - Brasilia EMB-120	86.5	90.1	140
MD80	Mcdonnell-Douglas - MD-80 Series	86.1	91.2	9
A332	N/A	85.4	92.1	78
A343	N/A	85.3	86.0	34
A319	Airbus - A319	84.6	88.6	154
CRJ2	N/A	84.3	88.3	15
C402	Cessna - Cessna 401, 402, Utiliner, Businessliner	84.2	86.2	2
B735	Boeing - 737-500	84.0	89.4	75
A306	Airbus - A300B4-600	83.5	85.2	17
B739	Boeing - 737-900	83.5	92.4	514

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 4/1/2008 12:00:00 AM and 6/30/2008 11:59:59 PM (Local Time)

Location : Cedarhurst Elementary School 611 S. 132nd St.

NMT # 13

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
DC10	Mcdonnell-Douglas - DC-10 (all series)	83.4	87.4	33
A310	Airbus - A310	83.0	85.1	9
C560	Cessna - Citation 5	82.9	83.2	5
C56X	N/A	82.7	84.4	5
B773	Boeing - 777-300	82.4	86.4	11
A321	Airbus - A321	82.3	87.0	49
C25A	N/A	82.2	82.2	1
E190	N/A	82.2	81.7	14
BE20	Beech - Super King Air 200, 1300	82.1	82.1	1
BE40	Beech - Beechjet 400/T-1 Jayhawk	82.0	82.0	1
LJ60	Gates Learjet - Learjet 60	81.9	83.4	2
GALX	N/A	81.9	81.7	4
CRJ7	N/A	81.8	90.0	206

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 4/1/2008 12:00:00 AM and 6/30/2008 11:59:59 PM (Local Time)

Location : Cedarhurst Elementary School 611 S. 132nd St.

NMT # 13

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
DH8C	Dehavilland - Dash 8, DHC8 - 300	81.3	92.0	43
B753	Boeing - 757-300	81.2	83.2	156
B734	Boeing - 737-400	80.8	93.9	837
H25B	British Aerospace (BAe) - BAe HS 125 Series 700/800	80.7	80.7	1
FA50	Dassault-Breguet - Falcon 50, Mystere 50 (T-16)	80.4	86.3	17
CL30	N/A	80.3	80.3	1
DH8B	Dehavilland - Dash 8, DHC8 - 200	80.1	96.0	297
BE99	Beech - Airliner99	80.1	80.1	1
MD10	N/A	80.1	85.8	58
C208	Cessna - Caravan 1- 208,(Super) Cargomaster, Grand Caravan (U27)		79.9	79.0 4
DH8D	Dehavilland - Dash 8, DHC8 - 400	79.4	93.4	919
B742	Boeing - 747-200	79.3	79.3	1
CRJ9	N/A	79.0	83.9	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.



Seattle Tacoma International Airport

Average Aircraft Noise Level (SEL)

Between 4/1/2008 12:00:00 AM and 6/30/2008 11:59:59 PM (Local Time)

Location : Cedarhurst Elementary School 611 S. 132nd St.

NMT # 13

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
C210	Cessna - Centurion 210, Turbo Centurion	78.7	80.9	2
BE30	Beech - Super King Air 300/300LW	78.5	84.3	5
F900	Dassault-Breguet - Falcon 900, Mystere 900 (T-18)	78.3	78.3	1
C172	Cessna - Skyhawk 172/Cutlass/Mescalero	78.1	80.0	5
B190	Beech - Beech 1900/C-12J	78.0	78.0	1
A318	N/A	77.6	86.8	33
P180	N/A	77.5	77.5	2
LJ35	Gates Learjet - Learjet 35, 36	77.4	78.2	2
E45X	N/A	77.4	81.7	33
CRJ1	N/A	77.4	80.8	3
MD90	Mcdonnell-Douglas - MD-90	77.3	85.5	32
AT43	Aerospatiale/Aeritalia - ATR-42-200/300/320	76.9	81.8	15
B712	Boeing - 717-200	76.8	81.8	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 4/1/2008 12:00:00 AM and 6/30/2008 11:59:59 PM (Local Time)

Location : Cedarhurst Elementary School 611 S. 132nd St.

NMT # 13

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
GLF5	Gulfstream - Gulfstream 5	76.7	79.7	3
F2TH	Dassault-Breguet - Falcon 2000	76.2	79.0	5
C130	Lockheed - Hercules, Spectre	76.1	76.1	1
C650	Cessna - Citation 3/6/7	76.0	76.0	1
A124	N/A	75.4	75.4	1
DH8	N/A	75.4	75.4	1
GLF2	Gulfstream - Gulfstream 2	74.7	74.7	1
SW4	Fairchild - Metro, Merlin 4	74.3	74.3	1
BE9L	Beech - KingAir90, A90 to E90 (T-44, V-C6), Taurus 90	74.2	74.2	1
DA42	N/A	74.1	74.6	3
C414	Cessna - Chancellor 414, Rocket Power	73.5	73.5	1
GLF4	Gulfstream - Gulfstream 4	72.7	72.7	1

Overall Levels

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 4/1/2008 12:00:00 AM and 6/30/2008 11:59:59 PM (Local Time)

Location : Cedarhurst Elementary School 611 S. 132nd St.

NMT # 13

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
Avg. SEL dB(A)	79.7			
Max. SEL dB(A)	84.4			
Total AC NE	9,472			

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 4/1/2008 12:00:00 AM and 6/30/2008 11:59:59 PM (Local Time)

Location : North Clear Zone S. 150th St. and 29th Ave S.

NMT # 14

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
B744	Boeing - 747-400	99.6	98.9	78
MD82	N/A	99.4	98.2	7
	N/A	97.9	96.2	545
MD81	N/A	96.0	96.0	1
MD80	Mcdonnell-Douglas - MD-80 Series	95.9	95.6	4
MD11	Mcdonnell-Douglas - MD-11	95.9	98.2	23
A332	N/A	95.8	96.9	66
B772	Boeing - 777-200	95.8	95.9	82
B752	Boeing - 757-200	95.5	96.8	663
B737	Boeing - 737-700	95.1	97.8	1,253
B763	Boeing - 767-300	95.1	94.1	155
B738	Boeing - 737-800	95.1	95.9	1,762
MD83	N/A	94.6	96.1	486

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Seattle Tacoma International Airport

Average Aircraft Noise Level (SEL)

Between 4/1/2008 12:00:00 AM and 6/30/2008 11:59:59 PM (Local Time)

Location : North Clear Zone S. 150th St. and 29th Ave S.

NMT # 14

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
MD88	N/A	94.4	98.3	18
A321	Airbus - A321	94.1	94.3	75
A320	Airbus - A320	93.5	94.0	390
B733	Boeing - 737-300	93.4	95.5	741
A333	N/A	93.4	95.5	41
C402	Cessna - Cessna 401, 402, Utiliner, Businessliner	91.8	91.8	1
A319	Airbus - A319	91.5	93.7	195
B735	Boeing - 737-500	91.4	90.7	89
B739	Boeing - 737-900	91.4	98.4	527
B753	Boeing - 757-300	91.1	96.4	227
C56X	N/A	90.9	89.9	6
DC10	Mcdonnell-Douglas - DC-10 (all series)	90.9	93.6	28
B773	Boeing - 777-300	90.5	92.3	9

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 4/1/2008 12:00:00 AM and 6/30/2008 11:59:59 PM (Local Time)

Location : North Clear Zone S. 150th St. and 29th Ave S.

NMT # 14

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
A306	Airbus - A300B4-600	90.3	92.6	17
A343	N/A	90.2	91.1	34
C210	Cessna - Centurion 210, Turbo Centurion	90.0	90.0	1
B190	Beech - Beech 1900/C-12J	89.6	89.2	3
BE99	Beech - Airliner99	88.9	88.9	1
BE40	Beech - Beechjet 400/T-1 Jayhawk	88.7	91.3	3
C650	Cessna - Citation 3/6/7	88.7	88.7	1
C172	Cessna - Skyhawk 172/Cutlass/Mescalero	88.7	91.9	5
BE9L	Beech - KingAir90, A90 to E90 (T-44, V-C6), Taurus 90	88.6	88.6	1
C560	Cessna - Citation 5	88.5	87.4	4
A310	Airbus - A310	88.4	91.3	14
E190	N/A	88.3	90.3	28
B734	Boeing - 737-400	88.0	96.1	923

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Seattle Tacoma International Airport

Average Aircraft Noise Level (SEL)

Between 4/1/2008 12:00:00 AM and 6/30/2008 11:59:59 PM (Local Time)

Location : North Clear Zone S. 150th St. and 29th Ave S.

NMT # 14

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
C25A	N/A	87.9	89.8	2
LJ60	Gates Learjet - Learjet 60	87.5	89.6	4
GLF2	Gulfstream - Gulfstream 2	87.2	87.2	1
LJ35	Gates Learjet - Learjet 35, 36	87.2	88.2	5
CRJ7	N/A	86.8	95.3	552
H25B	British Aerospace (BAe) - BAe HS 125 Series 700/800	86.8	83.8	4
SW4	Fairchild - Metro, Merlin 4	86.8	86.8	1
F2TH	Dassault-Breguet - Falcon 2000	86.7	85.1	3
MD10	N/A	86.5	91.5	40
GLF5	Gulfstream - Gulfstream 5	85.7	83.8	3
PC12	Pilatus Flugzeugwerke Ag - PC-12	85.6	87.3	3
LJ31	Gates Learjet - Learjet 31	85.2	87.8	2
C130	Lockheed - Hercules, Spectre	84.9	84.9	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 4/1/2008 12:00:00 AM and 6/30/2008 11:59:59 PM (Local Time)

Location : North Clear Zone S. 150th St. and 29th Ave S.

NMT # 14

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
A318	N/A	84.7	95.0	69
CRJ2	N/A	84.6	92.3	44
DH8C	Dehavilland - Dash 8, DHC8 - 300	84.5	95.3	58
C414	Cessna - Chancellor 414, Rocket Power	84.5	84.5	1
FA50	Dassault-Breguet - Falcon 50, Mystere 50 (T-16)	84.5	87.9	14
B712	Boeing - 717-200	84.4	91.7	27
E120	Embraer - Brasilia EMB-120	84.4	94.6	171
GALX	N/A	84.3	82.6	5
MAUL	N/A	84.3	84.3	1
PRM1	N/A	84.3	84.3	1
AC90	Rockwell - Turbo Commander 690, Commander Jetprop 840/900	83.6	85.8	2
MD90	Mcdonnell-Douglas - MD-90	83.4	91.0	55
DH8B	Dehavilland - Dash 8, DHC8 - 200	83.4	93.2	415

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 4/1/2008 12:00:00 AM and 6/30/2008 11:59:59 PM (Local Time)

Location : North Clear Zone S. 150th St. and 29th Ave S.

NMT # 14

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
CL30	N/A	83.3	82.1	3
GLF4	Gulfstream - Gulfstream 4	83.0	81.0	2
E145	Embraer - EMB-145	82.8	87.6	9
AT43	Aerospatiale/Aeritalia - ATR-42-200/300/320	82.7	88.2	10
WW24	Israel - 1124 Westwind	82.7	82.7	1
E45X	N/A	82.6	93.4	70
DH8D	Dehavilland - Dash 8, DHC8 - 400	82.0	99.6	1,662
C208	Cessna - Caravan 1- 208,(Super) Cargomaster, Grand Caravan (U27)		81.8	86.0 8
C750	Cessna - Citation 10	81.5	83.8	2
BE20	Beech - Super King Air 200, 1300	81.3	83.0	2
CRJ9	N/A	81.0	84.4	17
C680	N/A	79.9	81.4	2
C550	Cessna - Citation 2/-S2	79.8	79.8	1

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Seattle Tacoma International Airport

Average Aircraft Noise Level (SEL)

Between 4/1/2008 12:00:00 AM and 6/30/2008 11:59:59 PM (Local Time)

Location : North Clear Zone S. 150th St. and 29th Ave S.

NMT # 14

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
F900	Dassault-Breguet - Falcon 900, Mystere 900 (T-18)	79.7	79.7	1
CRJ1	N/A	78.6	84.4	16
A300	N/A	77.6	80.9	5
BE30	Beech - Super King Air 300/300LW	77.4	78.3	2
P46T	Piper - Malibu Meridian	76.3	76.3	1
PA31	Piper - Chieftan, Mohave, Navajo, T-1020	75.4	75.4	1
DH8A	Dehavilland - Dash 8, DHC8 - 100	74.9	74.9	1
DH8	N/A	73.8	73.8	1
C425	Cessna - Corsair/Conquest I-425	72.7	72.7	1
BE36	Beech - Bonanza 36	71.7	71.7	1

Overall Levels

Avg. SEL dB(A) 85.2

Max. SEL dB(A) 88.5

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 4/1/2008 12:00:00 AM and 6/30/2008 11:59:59 PM (Local Time)

Location : North Clear Zone S. 150th St. and 29th Ave S.

NMT # 14

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
Total AC NE	11,810			

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 4/1/2008 12:00:00 AM and 6/30/2008 11:59:59 PM (Local Time)

Location : Sylvester Middle School 16222 Sylvester Road SW

NMT # 15

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
B738	Boeing - 737-800	91.3	90.4	12
A320	Airbus - A320	85.5	84.1	6
B737	Boeing - 737-700	83.5	87.0	15
CRJ2	N/A	82.8	82.1	2
B752	Boeing - 757-200	81.7	80.2	4
B733	Boeing - 737-300	81.4	77.9	7
B744	Boeing - 747-400	81.0	80.7	6
MD83	N/A	80.1	87.9	58
MD88	N/A	79.5	81.7	6
A319	Airbus - A319	79.2	79.2	1
DH8D	Dehavilland - Dash 8, DHC8 - 400	79.2	85.7	12
B763	Boeing - 767-300	78.8	79.1	11
C210	Cessna - Centurion 210, Turbo Centurion	78.7	78.7	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 4/1/2008 12:00:00 AM and 6/30/2008 11:59:59 PM (Local Time)

Location : Sylvester Middle School 16222 Sylvester Road SW

NMT # 15

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
MD82	N/A	78.4	78.4	1
A332	N/A	78.1	83.7	5
E120	Embraer - Brasilia EMB-120	77.8	83.8	13
B772	Boeing - 777-200	77.8	73.5	3
MD11	Mcdonnell-Douglas - MD-11	77.6	79.5	2
	N/A	77.6	82.0	8
CRJ7	N/A	77.2	81.3	7
DH8C	Dehavilland - Dash 8, DHC8 - 300	76.5	76.5	1
MAUL	N/A	76.5	76.5	1
DH8B	Dehavilland - Dash 8, DHC8 - 200	76.4	82.1	27
DC10	Mcdonnell-Douglas - DC-10 (all series)	76.2	76.2	1
A318	N/A	76.2	77.5	2
B735	Boeing - 737-500	75.9	75.9	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 4/1/2008 12:00:00 AM and 6/30/2008 11:59:59 PM (Local Time)

Location : Sylvester Middle School 16222 Sylvester Road SW

NMT # 15

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
MD10	N/A	75.9	77.4	2
B734	Boeing - 737-400	75.8	81.8	16
B739	Boeing - 737-900	74.3	75.1	6
A306	Airbus - A300B4-600	74.2	75.3	2
A321	Airbus - A321	74.1	75.6	5
A333	N/A	73.6	73.6	1
A310	Airbus - A310	73.3	73.7	2
C172	Cessna - Skyhawk 172/Cutlass/Mescalero	73.1	73.4	2
A343	N/A	72.6	72.6	1

Overall Levels

Avg. SEL dB(A) 76.6

Max. SEL dB(A) 78.3

Total AC NE 250

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 4/1/2008 12:00:00 AM and 6/30/2008 11:59:59 PM (Local Time)

Location : Chinook Middle School 18650 42nd Ave S.

NMT # 16

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
B738	Boeing - 737-800	93.3	95.5	121
CRJ1	N/A	89.6	89.6	1
PA34	Piper - Seneca 2/3	89.6	89.6	1
CRJ7	N/A	88.6	94.5	20
A319	Airbus - A319	88.3	87.5	7
B752	Boeing - 757-200	87.9	90.9	24
B733	Boeing - 737-300	87.8	94.6	34
FA50	Dassault-Breguet - Falcon 50, Mystere 50 (T-16)	87.6	87.6	1
CRJ2	N/A	87.4	87.4	1
A320	Airbus - A320	87.3	85.2	11
DH8B	Dehavilland - Dash 8, DHC8 - 200	84.9	94.9	29
DH8D	Dehavilland - Dash 8, DHC8 - 400	84.8	94.9	108
A333	N/A	84.8	84.8	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 4/1/2008 12:00:00 AM and 6/30/2008 11:59:59 PM (Local Time)

Location : Chinook Middle School 18650 42nd Ave S.

NMT # 16

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
MD90	Mcdonnell-Douglas - MD-90	84.4	84.4	1
B737	Boeing - 737-700	84.2	92.7	96
C208	Cessna - Caravan 1- 208,(Super) Cargomaster, Grand Caravan (U27)		83.8	87.4 5
E120	Embraer - Brasilia EMB-120	83.5	95.5	50
MD88	N/A	82.8	85.7	8
MD83	N/A	82.5	88.0	82
	N/A	82.1	81.3	20
B763	Boeing - 767-300	81.2	77.9	9
MD11	Mcdonnell-Douglas - MD-11	80.9	82.8	3
E45X	N/A	80.6	84.5	4
B712	Boeing - 717-200	80.3	80.3	1
B744	Boeing - 747-400	80.0	79.4	3
A306	Airbus - A300B4-600	79.5	82.8	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 4/1/2008 12:00:00 AM and 6/30/2008 11:59:59 PM (Local Time)

Location : Chinook Middle School 18650 42nd Ave S.

NMT # 16

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
A310	Airbus - A310	78.6	81.8	11
BE99	Beech - Airliner99	78.2	78.2	1
B734	Boeing - 737-400	78.1	93.1	114
B753	Boeing - 757-300	77.8	76.6	8
B739	Boeing - 737-900	77.3	81.9	23
A332	N/A	76.5	80.0	4
A318	N/A	75.9	77.4	2
B772	Boeing - 777-200	75.2	72.7	2
B735	Boeing - 737-500	75.1	76.6	2
A321	Airbus - A321	74.7	77.2	3
MD10	N/A	74.1	74.6	2
DC10	Mcdonnell-Douglas - DC-10 (all series)	73.3	73.3	1
E190	N/A	73.0	73.0	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 4/1/2008 12:00:00 AM and 6/30/2008 11:59:59 PM (Local Time)

Location : Chinook Middle School 18650 42nd Ave S.

NMT # 16

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
A343	N/A	72.5	72.5	1
<u>Overall Levels</u>				
Avg. SEL dB(A)		79.4		
Max. SEL dB(A)		82.5		
Total AC NE		820		

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 4/1/2008 12:00:00 AM and 6/30/2008 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	97.6	96.0	112
	N/A	97.3	95.1	933
MD83	N/A	96.7	98.4	1,440
MD82	N/A	96.2	95.6	27
MD88	N/A	96.1	96.7	45
B772	Boeing - 777-200	95.5	95.9	210
B742	Boeing - 747-200	95.1	96.9	3
MD11	Mcdonnell-Douglas - MD-11	95.0	96.1	47
B738	Boeing - 737-800	94.7	95.3	4,881
A332	N/A	94.5	94.5	182
A124	N/A	94.4	94.4	1
B763	Boeing - 767-300	93.8	93.0	477
B752	Boeing - 757-200	93.6	92.2	1,903

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 4/1/2008 12:00:00 AM and 6/30/2008 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
A333	N/A	93.0	93.2	86
MD81	N/A	93.0	93.0	1
B737	Boeing - 737-700	93.0	99.8	3,390
B741	Boeing - 747-100	92.7	92.7	1
B733	Boeing - 737-300	92.4	96.2	2,050
A320	Airbus - A320	92.3	95.6	1,053
AC90	Rockwell - Turbo Commander 690, Commander Jetprop 840/900	92.0	92.0	1
MD87	N/A	91.7	92.1	2
A319	Airbus - A319	91.6	93.2	533
MD80	Mcdonnell-Douglas - MD-80 Series	91.5	94.2	23
B734	Boeing - 737-400	90.2	93.6	2,407
BE40	Beech - Beechjet 400/T-1 Jayhawk	90.0	88.0	9
B773	Boeing - 777-300	89.3	93.4	20

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 4/1/2008 12:00:00 AM and 6/30/2008 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
B735	Boeing - 737-500	89.1	94.5	257
A343	N/A	89.0	94.0	50
B739	Boeing - 737-900	88.8	93.5	1,506
DC10	Mcdonnell-Douglas - DC-10 (all series)	88.8	92.2	107
C750	Cessna - Citation 10	88.7	86.4	2
A310	Airbus - A310	88.5	93.9	39
C560	Cessna - Citation 5	88.3	87.9	7
A306	Airbus - A300B4-600	88.3	90.1	33
A321	Airbus - A321	88.2	93.7	233
E190	N/A	87.8	88.8	99
B753	Boeing - 757-300	87.7	92.7	560
MD10	N/A	87.7	92.9	104
AC11	Rockwell - Commander 112 / 114 AC11	87.1	87.1	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 4/1/2008 12:00:00 AM and 6/30/2008 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
G150	N/A	86.2	86.2	1
C414	Cessna - Chancellor 414, Rocket Power	85.6	85.6	1
ASTR	Israel Jet - Astra 1125	85.5	85.5	1
C130	Lockheed - Hercules, Spectre	85.4	85.4	1
FA50	Dassault-Breguet - Falcon 50, Mystere 50 (T-16)	85.4	88.7	40
CRJ7	N/A	85.1	92.8	1,179
C182	Cessna - Skylane 182	84.4	86.4	2
LJ60	Gates Learjet - Learjet 60	84.1	81.0	5
CRJ2	N/A	84.1	93.1	36
C650	Cessna - Citation 3/6/7	84.1	84.9	2
RV9	N/A	84.0	84.0	1
H25B	British Aerospace (BAe) - BAe HS 125 Series 700/800	83.6	82.3	4
C206	Cessna - Stationair 6, Turbo Stationair 6	83.6	86.4	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 4/1/2008 12:00:00 AM and 6/30/2008 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
MD90	Mcdonnell-Douglas - MD-90	83.3	98.6	166
C172	Cessna - Skyhawk 172/Cutlass/Mescalero	83.0	80.8	3
MSE, PFM	M20P 83.0	Mooney Corp - M20/A/B/C/D/E/F/G/J/L/R, Mark 21, Ranger, master, Super 21, Chaparral, Executive, Statesman, Ovation, 201, 205, ATS, 83.0	1	
FA20	Dassault-Breguet - Falcon 20, Mystere 20 (T-11)	82.5	85.3	2
LJ35	Gates Learjet - Learjet 35, 36	82.5	86.7	4
B757	N/A	82.3	82.3	1
A318	N/A	81.8	86.4	210
C56X	N/A	81.6	85.6	8
C680	N/A	81.4	79.5	4
GLF4	Gulfstream - Gulfstream 4	81.4	83.7	10
B712	Boeing - 717-200	81.3	87.3	72
CRJ9	N/A	81.0	86.4	45
C208	Cessna - Caravan 1- 208,(Super) Cargomaster, Grand Caravan (U27)		81.0	80.0 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.



Seattle Tacoma International Airport

Average Aircraft Noise Level (SEL)

Between 4/1/2008 12:00:00 AM and 6/30/2008 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
F2TH	Dassault-Breguet - Falcon 2000	80.7	78.7	4
A300	N/A	80.6	83.9	9
AT43	Aerospatiale/Aeritalia - ATR-42-200/300/320	80.3	87.4	14
C525	Cessna - Citationjet C525	80.1	80.1	1
PRM1	N/A	80.0	78.1	2
LJ31	Gates Learjet - Learjet 31	79.8	82.5	4
PC12	Pilatus Flugzeugwerke Ag - PC-12	79.7	79.7	1
DH8B	Dehavilland - Dash 8, DHC8 - 200	79.6	94.2	399
E120	Embraer - Brasilia EMB-120	79.5	86.8	279
P180	N/A	79.5	79.5	1
F900	Dassault-Breguet - Falcon 900, Mystere 900 (T-18)	79.4	80.1	2
DH8C	Dehavilland - Dash 8, DHC8 - 300	79.3	92.4	67
GALX	N/A	79.2	82.8	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 4/1/2008 12:00:00 AM and 6/30/2008 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
172M	N/A	79.2	79.2	1
E45X	N/A	78.9	89.4	125
GLF5	Gulfstream - Gulfstream 5	78.9	80.3	2
C550	Cessna - Citation 2/-S2	78.8	78.8	1
CL30	N/A	78.8	78.8	1
DH8D	Dehavilland - Dash 8, DHC8 - 400	78.7	95.2	1,225
PA28	N/A	78.6	79.1	2
BE35	Beech - Bonanza 35	78.6	78.6	1
PA34	Piper - Seneca 2/3	78.6	78.6	1
BE30	Beech - Super King Air 300/300LW	78.3	78.3	1
CL60	Canadair Bombardier - CL600/610 Challenger	78.2	76.6	2
SW4	Fairchild - Metro, Merlin 4	76.7	76.7	1
E145	Embraer - EMB-145	76.6	77.4	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 4/1/2008 12:00:00 AM and 6/30/2008 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
C25B	N/A	76.2	76.2	1
BLAN	N/A	75.6	75.6	1
BE9L	Beech - KingAir90, A90 to E90 (T-44, V-C6), Taurus 90	75.5	75.5	1
CRJ1	N/A	75.5	79.8	18
BE20	Beech - Super King Air 200, 1300	72.3	72.3	1

Overall Levels

Avg. SEL dB(A)	83.9
Max. SEL dB(A)	87.2
Total AC NE	26,820

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 4/1/2008 12:00:00 AM and 6/30/2008 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	95.4	208
	N/A	98.4	94.9	960
MD82	N/A	97.6	94.8	32
MD88	N/A	95.2	95.2	50
CRJ2	N/A	94.9	100.8	20
A343	N/A	94.9	93.2	112
B772	Boeing - 777-200	94.0	95.2	272
MD83	N/A	93.6	95.2	1,563
A124	N/A	93.1	93.1	1
B738	Boeing - 737-800	92.8	100.4	5,428
MD11	Mcdonnell-Douglas - MD-11	92.8	93.9	56
B763	Boeing - 767-300	92.4	92.4	520
B742	Boeing - 747-200	92.3	93.6	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 4/1/2008 12:00:00 AM and 6/30/2008 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
B752	Boeing - 757-200	91.8	94.0	2,002
A320	Airbus - A320	91.6	95.5	1,176
MD80	Mcdonnell-Douglas - MD-80 Series	91.6	91.8	26
A332	N/A	91.6	89.4	223
B737	Boeing - 737-700	91.5	94.2	3,575
E120	Embraer - Brasilia EMB-120	91.2	93.8	193
A319	Airbus - A319	91.0	92.5	574
B733	Boeing - 737-300	90.8	95.6	2,215
AC90	Rockwell - Turbo Commander 690, Commander Jetprop 840/900	90.6	90.6	1
A333	N/A	90.3	90.9	123
MD81	N/A	90.1	92.7	2
MD10	N/A	89.9	90.5	117
B741	Boeing - 747-100	89.7	89.7	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 4/1/2008 12:00:00 AM and 6/30/2008 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
B739	Boeing - 737-900	89.6	91.0	1,658
B734	Boeing - 737-400	88.4	94.5	2,604
MD87	N/A	88.1	88.3	2
DC10	Mcdonnell-Douglas - DC-10 (all series)	87.6	90.8	139
B735	Boeing - 737-500	87.6	92.9	275
C750	Cessna - Citation 10	86.8	83.9	2
A306	Airbus - A300B4-600	86.7	88.4	35
E190	N/A	86.3	91.0	108
B753	Boeing - 757-300	86.2	90.5	714
B773	Boeing - 777-300	86.1	88.7	31
A310	Airbus - A310	86.0	88.9	45
C560	Cessna - Citation 5	85.2	84.7	3
FA20	Dassault-Breguet - Falcon 20, Mystere 20 (T-11)	85.2	85.2	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 4/1/2008 12:00:00 AM and 6/30/2008 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
BE40	Beech - Beechjet 400/T-1 Jayhawk	85.0	81.6	5
AC11	Rockwell - Commander 112 / 114 AC11	85.0	85.0	1
C130	Lockheed - Hercules, Spectre	84.9	84.9	1
FA50	Dassault-Breguet - Falcon 50, Mystere 50 (T-16)	84.8	88.1	38
BE36	Beech - Bonanza 36	84.8	86.4	2
C650	Cessna - Citation 3/6/7	84.8	83.0	3
C182	Cessna - Skylane 182	84.7	85.8	2
A321	Airbus - A321	84.4	91.1	254
C414	Cessna - Chancellor 414, Rocket Power	84.1	84.1	1
C172	Cessna - Skyhawk 172/Cutlass/Mescalero	83.3	82.0	2
LJ60	Gates Learjet - Learjet 60	82.9	79.0	4
H25B	British Aerospace (BAe) - BAe HS 125 Series 700/800	82.7	82.5	5
MSE, PFM	M20P 82.5	Mooney Corp - M20/A/B/C/D/E/F/G/J/L/R, Mark 21, Ranger, master, Super 21, Chaparral, Executive, Statesman, Ovation, 201, 205, ATS, 82.5	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 4/1/2008 12:00:00 AM and 6/30/2008 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
CRJ7	N/A	82.2	92.3	832
B712	Boeing - 717-200	82.0	95.4	76
MD90	Mcdonnell-Douglas - MD-90	81.9	89.3	179
A318	N/A	81.9	90.2	214
B757	N/A	81.9	81.9	1
RV9	N/A	81.9	81.9	1
C56X	N/A	81.4	80.7	3
AT43	Aerospatiale/Aeritalia - ATR-42-200/300/320	81.2	85.9	9
LJ35	Gates Learjet - Learjet 35, 36	81.2	82.1	3
C206	Cessna - Stationair 6, Turbo Stationair 6	81.0	81.0	1
A300	N/A	80.6	83.5	12
ASTR	Israel Jet - Astra 1125	80.4	80.4	1
F900	Dassault-Breguet - Falcon 900, Mystere 900 (T-18)	80.4	80.4	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 4/1/2008 12:00:00 AM and 6/30/2008 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
GLF4	Gulfstream - Gulfstream 4	79.8	80.4	10
DH8B	Dehavilland - Dash 8, DHC8 - 200	79.0	96.9	304
172M	N/A	79.0	79.0	1
PA28	N/A	78.9	78.9	1
DH8D	Dehavilland - Dash 8, DHC8 - 400	78.9	98.5	883
C525	Cessna - Citationjet C525	78.7	78.7	1
BE35	Beech - Bonanza 35	78.6	78.6	1
C402	Cessna - Cessna 401, 402, Utiliner, Businessliner	78.6	78.6	1
P180	N/A	78.6	81.1	2
F2TH	Dassault-Breguet - Falcon 2000	78.5	79.2	5
CRJ9	N/A	78.4	84.2	45
DH8C	Dehavilland - Dash 8, DHC8 - 300	78.4	85.0	43
E45X	N/A	78.1	87.5	111

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 4/1/2008 12:00:00 AM and 6/30/2008 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
PA32	Piper - Cherokee Six, Lance, (Turbo) Saratoga	77.7	77.7	1
E145	Embraer - EMB-145	77.5	77.5	1
C680	N/A	76.9	75.0	2
BLAN	N/A	76.9	76.9	1
CL30	N/A	76.8	76.8	1
C208	Cessna - Caravan 1- 208,(Super) Cargomaster, Grand Caravan (U27)		76.3	77.5 3
PC12	Pilatus Flugzeugwerke Ag - PC-12	75.4	75.4	1
GALX	N/A	75.4	76.4	2
CRJ1	N/A	75.3	76.7	6
C550	Cessna - Citation 2/-S2	74.7	74.7	1
PRM1	N/A	73.6	73.6	1
BE20	Beech - Super King Air 200, 1300	72.7	72.7	1
GLF5	Gulfstream - Gulfstream 5	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.



Seattle Tacoma International Airport

Average Aircraft Noise Level (SEL)

Between 4/1/2008 12:00:00 AM and 6/30/2008 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
<u>Overall Levels</u>			
Avg. SEL dB(A)	83.4		
Max. SEL dB(A)	86.6		
Total AC NE	28,153		

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 4/1/2008 12:00:00 AM and 6/30/2008 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	102.5	101.1	84
A343	N/A	100.4	97.4	51
A124	N/A	99.6	99.6	1
MD82	N/A	98.5	98.2	13
MD88	N/A	98.4	101.7	20
MD83	N/A	98.0	104.3	749
B742	Boeing - 747-200	97.1	100.2	4
B737	Boeing - 737-700	96.7	103.3	1,702
B772	Boeing - 777-200	96.3	96.8	130
A320	Airbus - A320	96.0	99.3	514
B763	Boeing - 767-300	96.0	102.1	222
B738	Boeing - 737-800	96.0	102.5	2,472
AC90	Rockwell - Turbo Commander 690, Commander Jetprop 840/900	95.5	95.5	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 4/1/2008 12:00:00 AM and 6/30/2008 11:59:59 PM (Local Time)

Location : Midway Elementary School

NMT # 19

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
B752	Boeing - 757-200	95.5	103.2	907
MD11	Mcdonnell-Douglas - MD-11	95.4	97.0	21
C560	Cessna - Citation 5	95.4	95.1	4
B733	Boeing - 737-300	94.9	99.7	964
A333	N/A	94.5	95.9	51
	N/A	94.2	103.5	715
A332	N/A	94.0	97.6	89
F2TH	Dassault-Breguet - Falcon 2000	93.8	96.8	2
A319	Airbus - A319	93.7	102.1	271
C750	Cessna - Citation 10	93.7	95.9	4
MD87	N/A	93.5	93.5	1
FA50	Dassault-Breguet - Falcon 50, Mystere 50 (T-16)	93.2	100.0	14
B734	Boeing - 737-400	91.9	103.1	1,154

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 4/1/2008 12:00:00 AM and 6/30/2008 11:59:59 PM (Local Time)

Location : Midway Elementary School

NMT # 19

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
MD81	N/A	91.6	94.5	2
B739	Boeing - 737-900	91.5	99.6	721
DC10	Mcdonnell-Douglas - DC-10 (all series)	91.4	101.0	81
E190	N/A	91.4	96.2	34
B753	Boeing - 757-300	90.5	105.2	302
B735	Boeing - 737-500	90.3	97.2	117
BE40	Beech - Beechjet 400/T-1 Jayhawk	90.1	87.8	3
CRJ9	N/A	90.1	99.9	16
A310	Airbus - A310	89.8	99.4	17
B741	Boeing - 747-100	89.8	89.8	1
B773	Boeing - 777-300	89.6	92.6	17
A321	Airbus - A321	89.5	101.5	109
H25B	British Aerospace (BAe) - BAe HS 125 Series 700/800	89.4	89.4	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 4/1/2008 12:00:00 AM and 6/30/2008 11:59:59 PM (Local Time)

Location : Midway Elementary School

NMT # 19

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
CRJ7	N/A	89.2	100.3	557
MD10	N/A	88.7	92.6	51
A306	Airbus - A300B4-600	88.6	91.2	21
AC11	Rockwell - Commander 112 / 114 AC11	88.5	88.5	1
GLF4	Gulfstream - Gulfstream 4	88.5	94.5	7
MD90	Mcdonnell-Douglas - MD-90	87.8	98.3	78
E120	Embraer - Brasilia EMB-120	87.6	102.0	157
B712	Boeing - 717-200	87.6	97.8	31
C206	Cessna - Stationair 6, Turbo Stationair 6	87.4	87.4	1
DH8B	Dehavilland - Dash 8, DHC8 - 200	87.3	99.7	260
C182	Cessna - Skylane 182	86.6	88.9	2
DH8D	Dehavilland - Dash 8, DHC8 - 400	85.8	104.0	937
RV9	N/A	85.6	85.6	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 4/1/2008 12:00:00 AM and 6/30/2008 11:59:59 PM (Local Time)

Location : Midway Elementary School

NMT # 19

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
A318	N/A	85.3	95.4	99
P180	N/A	84.8	84.8	1
E45X	N/A	84.6	96.2	71
CRJ2	N/A	84.2	94.5	54
F900	Dassault-Breguet - Falcon 900, Mystere 900 (T-18)	83.7	83.7	1
BE36	Beech - Bonanza 36	83.7	85.0	2
LJ35	Gates Learjet - Learjet 35, 36	83.6	83.6	1
DH8C	Dehavilland - Dash 8, DHC8 - 300	83.0	94.1	16
SW3	Fairchild - Merlin 3	82.4	82.4	1
MD80	Mcdonnell-Douglas - MD-80 Series	82.1	81.5	10
AT43	Aerospatiale/Aeritalia - ATR-42-200/300/320	81.7	85.5	6
C550	Cessna - Citation 2/-S2	81.6	81.6	1
LJ60	Gates Learjet - Learjet 60	80.9	78.7	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 4/1/2008 12:00:00 AM and 6/30/2008 11:59:59 PM (Local Time)

Location : Midway Elementary School

NMT # 19

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
E145	Embraer - EMB-145	80.7	81.3	2
A300	N/A	80.1	81.3	5
PRM1	N/A	79.5	79.5	1
C56X	N/A	79.4	79.4	7
LJ31	Gates Learjet - Learjet 31	79.0	79.0	1
PA28	N/A	78.3	78.3	1
C208	Cessna - Caravan 1- 208,(Super) Cargomaster, Grand Caravan (U27)		77.6	79.1 2
BE20	Beech - Super King Air 200, 1300	77.0	77.0	1
CRJ1	N/A	76.9	79.7	16
C402	Cessna - Cessna 401, 402, Utiliner, Businessliner	76.4	76.4	1
M20T	Mooney Corp - Turbo Mooney M20K/M20M, Encore, 231, 252, TLS, TSE		76.3	76.3 1
C680	N/A	75.3	75.3	1
E135	Embraer - EMB-135	75.3	75.3	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 4/1/2008 12:00:00 AM and 6/30/2008 11:59:59 PM (Local Time)

Location : Midway Elementary School

NMT # 19

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
C172	Cessna - Skyhawk 172/Cutlass/Mescalero	74.6	74.6	1
SW4	Fairchild - Metro, Merlin 4	74.6	74.6	1

Overall Levels

Avg. SEL dB(A)	86.7
Max. SEL dB(A)	91.8
Total AC NE	13,992

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 4/1/2008 12:00:00 AM and 6/30/2008 11:59:59 PM (Local Time)

Location : Parkside Elementary School 247th St and 21st Ave S

NMT # 20

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
B744	Boeing - 747-400	101.6	95.8	205
A343	N/A	98.0	94.8	115
	N/A	97.4	94.6	973
MD82	N/A	96.5	94.0	32
MD83	N/A	95.8	97.1	1,562
A124	N/A	94.8	94.8	1
B742	Boeing - 747-200	94.8	96.7	4
B772	Boeing - 777-200	94.6	91.3	271
MD88	N/A	93.8	94.3	51
MD80	Mcdonnell-Douglas - MD-80 Series	93.0	92.4	31
MD11	Mcdonnell-Douglas - MD-11	92.9	94.3	58
AC90	Rockwell - Turbo Commander 690, Commander Jetprop 840/900	92.4	92.4	1
B738	Boeing - 737-800	92.3	92.7	5,288

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 4/1/2008 12:00:00 AM and 6/30/2008 11:59:59 PM (Local Time)

Location : Parkside Elementary School 247th St and 21st Ave S

NMT # 20

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
A320	Airbus - A320	92.1	88.5	1,116
B763	Boeing - 767-300	92.1	91.0	510
B752	Boeing - 757-200	91.6	102.0	1,964
A332	N/A	91.5	89.4	221
B737	Boeing - 737-700	91.0	100.4	3,476
B733	Boeing - 737-300	90.7	96.1	2,178
A319	Airbus - A319	90.7	88.5	558
A333	N/A	90.6	91.8	125
MD10	N/A	90.5	89.8	110
B739	Boeing - 737-900	89.8	92.9	1,629
MD87	N/A	88.7	90.6	2
C650	Cessna - Citation 3/6/7	88.7	87.3	2
MD81	N/A	88.5	88.8	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 4/1/2008 12:00:00 AM and 6/30/2008 11:59:59 PM (Local Time)

Location : Parkside Elementary School 247th St and 21st Ave S

NMT # 20

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
C130	Lockheed - Hercules, Spectre	88.5	88.5	1
B741	Boeing - 747-100	87.4	87.4	1
DC10	Mcdonnell-Douglas - DC-10 (all series)	87.2	90.3	155
B734	Boeing - 737-400	86.8	97.6	2,543
B753	Boeing - 757-300	86.8	89.1	709
B773	Boeing - 777-300	86.7	89.4	30
B735	Boeing - 737-500	86.5	86.2	274
PA32	Piper - Cherokee Six, Lance, (Turbo) Saratoga	86.4	86.4	1
C750	Cessna - Citation 10	85.7	83.9	2
A306	Airbus - A300B4-600	85.1	87.7	35
E190	N/A	85.0	85.3	106
FA50	Dassault-Breguet - Falcon 50, Mystere 50 (T-16)	85.0	90.2	38
PA34	Piper - Seneca 2/3	84.9	84.9	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 4/1/2008 12:00:00 AM and 6/30/2008 11:59:59 PM (Local Time)

Location : Parkside Elementary School 247th St and 21st Ave S

NMT # 20

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
BE36	Beech - Bonanza 36	84.4	86.5	2
C560	Cessna - Citation 5	84.4	86.9	3
A321	Airbus - A321	84.2	89.3	252
AC11	Rockwell - Commander 112 / 114 AC11	84.0	84.0	1
C182	Cessna - Skylane 182	83.8	85.5	2
BE20	Beech - Super King Air 200, 1300	83.7	83.7	1
C414	Cessna - Chancellor 414, Rocket Power	83.7	83.7	1
H25B	British Aerospace (BAe) - BAe HS 125 Series 700/800	83.7	83.7	4
C172	Cessna - Skyhawk 172/Cutlass/Mescalero	83.5	81.8	2
A310	Airbus - A310	83.4	87.7	44
CRJ7	N/A	83.3	91.2	818
A318	N/A	83.3	86.7	226
BE40	Beech - Beechjet 400/T-1 Jayhawk	83.3	80.9	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.



Seattle Tacoma International Airport

Average Aircraft Noise Level (SEL)

Between 4/1/2008 12:00:00 AM and 6/30/2008 11:59:59 PM (Local Time)

Location : Parkside Elementary School 247th St and 21st Ave S

NMT # 20

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events	
A300	N/A	83.2	87.5	12	
C206	Cessna - Stationair 6, Turbo Stationair 6	82.7	82.7	1	
MD90	Mcdonnell-Douglas - MD-90	82.5	89.9	171	
FA20	Dassault-Breguet - Falcon 20, Mystere 20 (T-11)	82.5	82.5	1	
MSE, PFM	M20P 82.4	Mooney Corp - M20/A/B/C/D/E/F/G/J/L/R, Mark 21, Ranger, master, Super 21, Chaparral, Executive, Statesman, Ovation, 201, 205, ATS, 82.4 1			
	CL60	Canadair Bombardier - CL600/610 Challenger	82.1	82.1	1
	C56X	N/A	82.0	79.3	3
	P180	N/A	82.0	82.0	2
	AT43	Aerospatale/Aeritalia - ATR-42-200/300/320	81.6	84.4	9
	PA30	Piper - Twin Comanche, Turbo Twin Comanche	81.6	81.6	1
	RV9	N/A	81.4	81.4	1
	B712	Boeing - 717-200	81.4	86.5	71
	E120	Embraer - Brasilia EMB-120	81.3	85.3	133

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 4/1/2008 12:00:00 AM and 6/30/2008 11:59:59 PM (Local Time)

Location : Parkside Elementary School 247th St and 21st Ave S

NMT # 20

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
LJ35	Gates Learjet - Learjet 35, 36	80.7	82.4	2
LJ60	Gates Learjet - Learjet 60	80.4	78.4	2
F2TH	Dassault-Breguet - Falcon 2000	80.3	79.4	2
CRJ2	N/A	79.9	81.3	24
172M	N/A	79.9	79.9	1
B757	N/A	79.8	79.8	1
C550	Cessna - Citation 2/-S2	79.3	79.3	1
CRJ9	N/A	79.1	84.6	38
DH8B	Dehavilland - Dash 8, DHC8 - 200	78.9	90.1	381
DH8D	Dehavilland - Dash 8, DHC8 - 400	78.6	88.7	968
C208	Cessna - Caravan 1- 208,(Super) Cargomaster, Grand Caravan (U27)		78.4	78.4 1
GLF4	Gulfstream - Gulfstream 4	78.1	78.4	5
E45X	N/A	78.1	86.2	138

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 4/1/2008 12:00:00 AM and 6/30/2008 11:59:59 PM (Local Time)

Location : Parkside Elementary School 247th St and 21st Ave S

NMT # 20

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
DH8C	Dehavilland - Dash 8, DHC8 - 300	78.0	82.7	26
CL30	N/A	77.7	77.7	1
G150	N/A	77.5	80.8	3
C402	Cessna - Cessna 401, 402, Utiliner, Businessliner	77.5	77.5	1
F900	Dassault-Breguet - Falcon 900, Mystere 900 (T-18)	77.1	77.1	1
C525	Cessna - Citationjet C525	76.7	76.7	1
CRJ1	N/A	75.7	78.5	6
E145	Embraer - EMB-145	75.6	78.1	7
PA28	N/A	75.3	75.3	1
M20T	Mooney Corp - Turbo Mooney M20K/M20M, Encore, 231, 252, TLS, TSE		73.4	73.4 1
LJ31	Gates Learjet - Learjet 31	73.3	74.1	2
GALX	N/A	72.6	72.6	1
PRM1	N/A	72.1	72.1	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 4/1/2008 12:00:00 AM and 6/30/2008 11:59:59 PM (Local Time)

Location : Parkside Elementary School 247th St and 21st Ave S

NMT # 20

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
<u>Overall Levels</u>				
Avg. SEL dB(A)	83.5			
Max. SEL dB(A)	86.4			
Total AC NE	27,766			

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 4/1/2008 12:00:00 AM and 6/30/2008 11:59:59 PM (Local Time)

Location : Mark Twain School 2450 Star Lake Road

NMT # 21

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
B744	Boeing - 747-400	99.3	95.5	219
	N/A	95.6	93.9	644
MD82	N/A	94.9	92.6	28
A343	N/A	94.5	92.1	133
MD83	N/A	94.1	94.2	1,612
A124	N/A	93.9	93.9	1
B742	Boeing - 747-200	93.2	95.7	3
B772	Boeing - 777-200	91.6	91.7	271
MD11	Mcdonnell-Douglas - MD-11	91.5	94.4	59
MD88	N/A	91.5	92.7	58
B738	Boeing - 737-800	91.4	101.2	5,451
MD80	Mcdonnell-Douglas - MD-80 Series	91.0	91.4	31
A320	Airbus - A320	90.8	98.8	1,212

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 4/1/2008 12:00:00 AM and 6/30/2008 11:59:59 PM (Local Time)

Location : Mark Twain School 2450 Star Lake Road

NMT # 21

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
B752	Boeing - 757-200	90.6	98.0	2,043
A332	N/A	90.4	89.8	232
B763	Boeing - 767-300	90.3	90.5	528
MD10	N/A	89.4	89.0	122
A333	N/A	89.2	90.4	132
A319	Airbus - A319	89.1	87.1	583
B737	Boeing - 737-700	88.8	90.8	3,617
B733	Boeing - 737-300	88.8	88.9	2,244
C130	Lockheed - Hercules, Spectre	88.8	88.8	1
MD81	N/A	88.6	88.6	1
MD87	N/A	88.5	89.9	2
AC90	Rockwell - Turbo Commander 690, Commander Jetprop 840/900	88.4	90.9	2
B739	Boeing - 737-900	88.2	91.6	1,695

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Seattle Tacoma International Airport

Average Aircraft Noise Level (SEL)

Between 4/1/2008 12:00:00 AM and 6/30/2008 11:59:59 PM (Local Time)

Location : Mark Twain School 2450 Star Lake Road

NMT # 21

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
FA20	Dassault-Breguet - Falcon 20, Mystere 20 (T-11)	87.4	90.3	2
B734	Boeing - 737-400	86.4	90.7	2,628
B735	Boeing - 737-500	86.2	99.5	280
B741	Boeing - 747-100	85.9	85.9	1
DC10	Mcdonnell-Douglas - DC-10 (all series)	85.4	88.9	155
BE20	Beech - Super King Air 200, 1300	85.2	84.2	2
C560	Cessna - Citation 5	85.1	85.6	10
B773	Boeing - 777-300	84.9	88.7	35
BE40	Beech - Beechjet 400/T-1 Jayhawk	84.6	80.9	6
B753	Boeing - 757-300	84.6	86.6	725
E190	N/A	84.5	89.7	110
FA50	Dassault-Breguet - Falcon 50, Mystere 50 (T-16)	84.4	92.6	42
C750	Cessna - Citation 10	84.0	85.5	7

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Seattle Tacoma International Airport

Average Aircraft Noise Level (SEL)

Between 4/1/2008 12:00:00 AM and 6/30/2008 11:59:59 PM (Local Time)

Location : Mark Twain School 2450 Star Lake Road

NMT # 21

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
PA32	Piper - Cherokee Six, Lance, (Turbo) Saratoga	83.6	83.6	1
H25B	British Aerospace (BAe) - BAe HS 125 Series 700/800	83.5	82.7	11
A321	Airbus - A321	83.4	87.8	271
C414	Cessna - Chancellor 414, Rocket Power	83.4	83.4	1
E135	Embraer - EMB-135	83.4	83.4	1
C650	Cessna - Citation 3/6/7	83.2	81.5	4
CRJ7	N/A	83.0	93.9	1,344
AC11	Rockwell - Commander 112 / 114 AC11	82.9	82.9	1
A310	Airbus - A310	82.8	87.3	42
C182	Cessna - Skylane 182	82.7	85.0	2
A306	Airbus - A300B4-600	82.6	88.2	37
BE36	Beech - Bonanza 36	82.4	83.8	2
G150	N/A	82.3	82.3	1

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Seattle Tacoma International Airport

Average Aircraft Noise Level (SEL)

Between 4/1/2008 12:00:00 AM and 6/30/2008 11:59:59 PM (Local Time)

Location : Mark Twain School 2450 Star Lake Road

NMT # 21

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
P180	N/A	82.0	83.3	2
LJ60	Gates Learjet - Learjet 60	81.8	82.7	3
E120	Embraer - Brasilia EMB-120	81.4	91.8	493
F900	Dassault-Breguet - Falcon 900, Mystere 900 (T-18)	81.3	83.9	2
MSE, PFM	M20P 81.3	Mooney Corp - M20/A/B/C/D/E/F/G/J/L/R, Mark 21, Ranger, master, Super 21, Chaparral, Executive, Statesman, Ovation, 201, 205, ATS, 81.3 1		
CL60	Canadair Bombardier - CL600/610 Challenger	81.1	80.6	4
A300	N/A	80.9	85.6	12
C172	Cessna - Skyhawk 172/Cutlass/Mescalero	80.8	77.8	2
A318	N/A	80.8	85.9	233
C56X	N/A	80.5	77.6	10
PA30	Piper - Twin Comanche, Turbo Twin Comanche	80.2	80.2	1
PA34	Piper - Seneca 2/3	80.2	80.2	1
F2TH	Dassault-Breguet - Falcon 2000	80.2	83.2	7

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Seattle Tacoma International Airport

Average Aircraft Noise Level (SEL)

Between 4/1/2008 12:00:00 AM and 6/30/2008 11:59:59 PM (Local Time)

Location : Mark Twain School 2450 Star Lake Road

NMT # 21

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
GALX	N/A	80.1	82.3	4
MD90	Mcdonnell-Douglas - MD-90	80.0	86.7	177
RV9	N/A	79.8	79.8	1
B712	Boeing - 717-200	79.2	84.9	79
CRJ2	N/A	78.8	83.0	110
LJ35	Gates Learjet - Learjet 35, 36	78.8	79.8	5
C550	Cessna - Citation 2/-S2	78.7	79.3	2
C208	Cessna - Caravan 1- 208,(Super) Cargomaster, Grand Caravan (U27)		78.6	82.9 3
CRJ9	N/A	78.4	83.5	49
CL30	N/A	78.0	77.2	2
B757	N/A	77.8	77.8	1
E45X	N/A	77.7	84.7	206
BLAN	N/A	77.6	77.6	1

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Seattle Tacoma International Airport

Average Aircraft Noise Level (SEL)

Between 4/1/2008 12:00:00 AM and 6/30/2008 11:59:59 PM (Local Time)

Location : Mark Twain School 2450 Star Lake Road

NMT # 21

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
PA28	N/A	77.3	77.3	1
GLF4	Gulfstream - Gulfstream 4	77.1	80.6	9
DH8B	Dehavilland - Dash 8, DHC8 - 200	77.1	90.4	830
C525	Cessna - Citationjet C525	76.7	76.7	1
DH8D	Dehavilland - Dash 8, DHC8 - 400	76.6	94.4	2,564
C680	N/A	76.3	73.3	2
LJ31	Gates Learjet - Learjet 31	76.1	80.6	5
DH8C	Dehavilland - Dash 8, DHC8 - 300	76.0	87.5	65
E145	Embraer - EMB-145	75.8	79.3	11
C402	Cessna - Cessna 401, 402, Utiliner, Businessliner	75.8	78.0	2
ASTR	Israel Jet - Astra 1125	75.8	78.2	2
PRM1	N/A	75.4	75.4	1
PC12	Pilatus Flugzeugwerke Ag - PC-12	75.3	79.0	3

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Seattle Tacoma International Airport

Average Aircraft Noise Level (SEL)

Between 4/1/2008 12:00:00 AM and 6/30/2008 11:59:59 PM (Local Time)

Location : Mark Twain School 2450 Star Lake Road

NMT # 21

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
AT43	Aerospatale/Aeritalia - ATR-42-200/300/320	75.2	78.7	6
BE35	Beech - Bonanza 35	75.2	75.2	1
DH8A	Dehavilland - Dash 8, DHC8 - 100	74.9	74.9	1
172M	N/A	73.8	73.8	1
C25B	N/A	73.4	74.8	2
CRJ1	N/A	73.0	78.7	32
GLF5	Gulfstream - Gulfstream 5	71.8	73.8	3
DHC6	Dehavilland - Twin Otter DHC-6 (all series)	70.8	70.8	1
<u>Overall Levels</u>				
Avg. SEL dB(A)	81.5			
Max. SEL dB(A)	85.1			
Total AC NE	31,599			

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 4/1/2008 12:00:00 AM and 6/30/2008 11:59:59 PM (Local Time)

Location : Sacajawea Jr. High School 1101 Dash Point Road

NMT # 22

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
B744	Boeing - 747-400	98.1	93.9	214
	N/A	95.3	96.7	1,094
A343	N/A	93.0	92.0	123
MD82	N/A	92.2	90.6	31
B772	Boeing - 777-200	92.0	88.9	277
MD83	N/A	91.4	94.8	1,597
B742	Boeing - 747-200	90.1	92.0	4
B738	Boeing - 737-800	89.9	95.7	5,517
MD88	N/A	89.8	90.6	48
MD11	Mcdonnell-Douglas - MD-11	89.7	91.0	44
A332	N/A	89.3	88.7	212
B763	Boeing - 767-300	88.9	93.2	522
B737	Boeing - 737-700	88.9	96.9	3,512

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Seattle Tacoma International Airport

Average Aircraft Noise Level (SEL)

Between 4/1/2008 12:00:00 AM and 6/30/2008 11:59:59 PM (Local Time)

Location : Sacajawea Jr. High School 1101 Dash Point Road

NMT # 22

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
MD80	Mcdonnell-Douglas - MD-80 Series	88.6	88.2	31
A320	Airbus - A320	88.2	89.8	1,219
B752	Boeing - 757-200	88.1	94.4	1,975
A333	N/A	88.0	88.7	125
A319	Airbus - A319	87.7	88.9	575
B733	Boeing - 737-300	87.6	92.7	2,226
C560	Cessna - Citation 5	87.5	90.4	2
MD10	N/A	87.4	90.3	120
MD87	N/A	87.2	87.2	1
B739	Boeing - 737-900	86.7	96.0	1,700
A124	N/A	86.1	86.1	1
MD81	N/A	85.3	86.9	2
B741	Boeing - 747-100	85.2	85.2	1

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Seattle Tacoma International Airport

Average Aircraft Noise Level (SEL)

Between 4/1/2008 12:00:00 AM and 6/30/2008 11:59:59 PM (Local Time)

Location : Sacajawea Jr. High School 1101 Dash Point Road

NMT # 22

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
B735	Boeing - 737-500	84.9	87.3	276
B773	Boeing - 777-300	84.8	88.3	36
B734	Boeing - 737-400	84.5	90.6	2,685
AC90	Rockwell - Turbo Commander 690, Commander Jetprop 840/900	84.4	88.9	3
E190	N/A	83.9	95.3	110
DC10	Mcdonnell-Douglas - DC-10 (all series)	83.8	88.9	130
B753	Boeing - 757-300	83.6	99.6	742
LJ60	Gates Learjet - Learjet 60	83.6	80.9	3
AC11	Rockwell - Commander 112 / 114 AC11	83.3	83.3	1
PA28	N/A	83.1	83.1	1
C182	Cessna - Skylane 182	82.9	82.9	1
C172	Cessna - Skyhawk 172/Cutlass/Mescalero	82.9	81.3	2
C56X	N/A	82.7	82.1	4

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Seattle Tacoma International Airport

Average Aircraft Noise Level (SEL)

Between 4/1/2008 12:00:00 AM and 6/30/2008 11:59:59 PM (Local Time)

Location : Sacajawea Jr. High School 1101 Dash Point Road

NMT # 22

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
BLAN	N/A	82.7	82.7	1
A300	N/A	82.3	86.6	15
BE20	Beech - Super King Air 200, 1300	81.8	81.3	2
B757	N/A	81.7	81.7	1
A321	Airbus - A321	81.6	86.2	235
H25B	British Aerospace (BAe) - BAe HS 125 Series 700/800	81.6	78.3	8
CRJ7	N/A	81.5	92.8	811
A310	Airbus - A310	81.3	87.0	44
A306	Airbus - A300B4-600	81.3	86.7	36
BE36	Beech - Bonanza 36	80.8	83.0	2
C414	Cessna - Chancellor 414, Rocket Power	80.7	80.7	1
LJ35	Gates Learjet - Learjet 35, 36	80.6	80.9	3
CL30	N/A	80.5	80.5	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 4/1/2008 12:00:00 AM and 6/30/2008 11:59:59 PM (Local Time)

Location : Sacajawea Jr. High School 1101 Dash Point Road

NMT # 22

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events	
	FA50	Dassault-Breguet - Falcon 50, Mystere 50 (T-16)	80.5	84.7	36
	AT43	Aerospatiale/Aeritalia - ATR-42-200/300/320	80.2	87.3	9
	172M	N/A	80.2	80.2	1
	CRJ2	N/A	80.1	85.3	30
	C750	Cessna - Citation 10	80.1	80.4	4
MSE, PFM	M20P 79.6	Mooney Corp - M20/A/B/C/D/E/F/G/J/L/R, Mark 21, Ranger, master, Super 21, Chaparral, Executive, Statesman, Ovation, 201, 205, ATS, 79.6	1		
	PA30	Piper - Twin Comanche, Turbo Twin Comanche	79.0	79.0	1
	MD90	Mcdonnell-Douglas - MD-90	78.9	84.3	188
	A318	N/A	78.8	89.9	217
	C130	Lockheed - Hercules, Spectre	78.5	78.5	1
	C402	Cessna - Cessna 401, 402, Utiliner, Businessliner	78.5	78.5	1
	CL60	Canadair Bombardier - CL600/610 Challenger	78.4	77.3	2
	P180	N/A	78.4	80.4	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 4/1/2008 12:00:00 AM and 6/30/2008 11:59:59 PM (Local Time)

Location : Sacajawea Jr. High School 1101 Dash Point Road

NMT # 22

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
C650	Cessna - Citation 3/6/7	78.2	76.6	2
PC12	Pilatus Flugzeugwerke Ag - PC-12	78.1	78.1	1
BE40	Beech - Beechjet 400/T-1 Jayhawk	78.0	78.4	4
B712	Boeing - 717-200	77.6	84.8	85
E120	Embraer - Brasilia EMB-120	77.5	83.2	246
DH8B	Dehavilland - Dash 8, DHC8 - 200	77.3	96.4	688
DH8D	Dehavilland - Dash 8, DHC8 - 400	76.7	94.0	2,081
E45X	N/A	76.7	82.6	104
DH8A	Dehavilland - Dash 8, DHC8 - 100	76.6	76.6	1
WW24	Israel - 1124 Westwind	76.3	78.0	2
CRJ9	N/A	76.3	82.8	41
FA20	Dassault-Breguet - Falcon 20, Mystere 20 (T-11)	76.2	76.2	1
DH8C	Dehavilland - Dash 8, DHC8 - 300	76.2	83.1	73

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 4/1/2008 12:00:00 AM and 6/30/2008 11:59:59 PM (Local Time)

Location : Sacajawea Jr. High School 1101 Dash Point Road

NMT # 22

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
PA32	Piper - Cherokee Six, Lance, (Turbo) Saratoga	75.6	75.6	1
LJ31	Gates Learjet - Learjet 31	75.4	75.4	1
GLF4	Gulfstream - Gulfstream 4	75.3	75.2	8
E145	Embraer - EMB-145	75.2	78.7	5
GALX	N/A	74.9	76.2	2
F2TH	Dassault-Breguet - Falcon 2000	74.8	76.3	2
BE35	Beech - Bonanza 35	74.7	74.7	1
GLF5	Gulfstream - Gulfstream 5	74.7	74.7	1
CRJ1	N/A	73.8	75.7	10
C208	Cessna - Caravan 1- 208,(Super) Cargomaster, Grand Caravan (U27)		73.1	76.7 4
F900	Dassault-Breguet - Falcon 900, Mystere 900 (T-18)	73.1	73.1	1
C550	Cessna - Citation 2/-S2	72.9	75.4	3
C525	Cessna - Citationjet C525	71.5	72.1	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 4/1/2008 12:00:00 AM and 6/30/2008 11:59:59 PM (Local Time)

Location : Sacajawea Jr. High School 1101 Dash Point Road

NMT # 22

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
C680	N/A	70.7	70.7	1
<u>Overall Levels</u>				
Avg. SEL dB(A)		80.5		
Max. SEL dB(A)		84.1		
Total AC NE		30,191		

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 4/1/2008 12:00:00 AM and 6/30/2008 11:59:59 PM (Local Time)

Location : Meredith Hills Elementary 5830 S 300th Place

NMT # 23

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
B744	Boeing - 747-400	86.7	89.0	61
A343	N/A	86.3	87.3	56
B752	Boeing - 757-200	85.4	89.0	297
A333	N/A	84.1	86.4	51
A332	N/A	83.8	87.1	76
MD11	Mcdonnell-Douglas - MD-11	83.7	90.6	14
B742	Boeing - 747-200	83.7	83.7	1
B738	Boeing - 737-800	83.3	93.0	553
A320	Airbus - A320	83.2	82.8	87
MD10	N/A	83.1	85.8	43
MD80	Mcdonnell-Douglas - MD-80 Series	82.9	87.7	4
MD83	N/A	82.7	89.0	208
MD88	N/A	81.7	87.0	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 4/1/2008 12:00:00 AM and 6/30/2008 11:59:59 PM (Local Time)

Location : Meredith Hills Elementary 5830 S 300th Place

NMT # 23

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
B733	Boeing - 737-300	81.1	83.6	301
B763	Boeing - 767-300	81.0	88.2	93
B737	Boeing - 737-700	80.9	81.7	235
MD82	N/A	80.8	85.6	7
A319	Airbus - A319	79.9	80.6	79
DC10	Mcdonnell-Douglas - DC-10 (all series)	79.3	85.1	67
	N/A	79.1	87.7	81
A321	Airbus - A321	78.8	84.7	131
B753	Boeing - 757-300	78.7	81.8	39
B735	Boeing - 737-500	78.7	79.1	36
B772	Boeing - 777-200	78.4	83.2	16
B739	Boeing - 737-900	77.3	80.5	55
C206	Cessna - Stationair 6, Turbo Stationair 6	77.3	77.3	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 4/1/2008 12:00:00 AM and 6/30/2008 11:59:59 PM (Local Time)

Location : Meredith Hills Elementary 5830 S 300th Place

NMT # 23

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
C560	Cessna - Citation 5	76.6	76.6	1
E190	N/A	75.4	80.1	36
DH8B	Dehavilland - Dash 8, DHC8 - 200	74.9	81.6	19
B734	Boeing - 737-400	74.8	80.8	73
CRJ2	N/A	74.8	80.6	5
E120	Embraer - Brasilia EMB-120	74.3	80.5	16
A318	N/A	73.6	77.3	35
B712	Boeing - 717-200	73.5	76.4	3
BE60	Beech - Duke60	73.4	73.4	1
DH8D	Dehavilland - Dash 8, DHC8 - 400	73.0	80.5	102
CRJ7	N/A	72.8	77.5	53
FA20	Dassault-Breguet - Falcon 20, Mystere 20 (T-11)	72.8	72.8	1
AC90	Rockwell - Turbo Commander 690, Commander Jetprop 840/900	72.2	72.2	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 4/1/2008 12:00:00 AM and 6/30/2008 11:59:59 PM (Local Time)

Location : Meredith Hills Elementary 5830 S 300th Place

NMT # 23

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
CRJ9	N/A	70.3	70.3	1
B773	Boeing - 777-300	69.9	69.9	1
MD90	Mcdonnell-Douglas - MD-90	69.6	69.6	1
F2TH	Dassault-Breguet - Falcon 2000	69.2	69.2	1
A124	N/A	68.8	68.8	1
FA50	Dassault-Breguet - Falcon 50, Mystere 50 (T-16)	68.7	70.0	2
DA40	N/A	68.2	68.2	1
P180	N/A	68.0	68.0	1
C56X	N/A	67.9	67.9	1
PA34	Piper - Seneca 2/3	67.5	67.5	1

Overall Levels

Avg. SEL dB(A) 75.4

Max. SEL dB(A) 79.2

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 4/1/2008 12:00:00 AM and 6/30/2008 11:59:59 PM (Local Time)

Location : Meredith Hills Elementary 5830 S 300th Place

NMT # 23

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
Total AC NE	2,966			

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 4/1/2008 12:00:00 AM and 6/30/2008 11:59:59 PM (Local Time)

Location : Federal Way Public School District Building 1066 S 320th

NMT # 24

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
B744	Boeing - 747-400	94.9	92.0	153
B753	Boeing - 757-300	93.0	113.8	176
A319	Airbus - A319	92.5	96.7	82
	N/A	92.0	90.0	253
MD82	N/A	90.0	95.3	19
B742	Boeing - 747-200	89.4	92.2	4
MD83	N/A	88.9	93.2	1,097
B738	Boeing - 737-800	88.6	95.3	1,353
A320	Airbus - A320	88.2	92.3	243
A343	N/A	88.2	90.3	75
B752	Boeing - 757-200	88.1	92.9	215
B737	Boeing - 737-700	88.0	94.7	430
B772	Boeing - 777-200	87.9	87.0	163

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 4/1/2008 12:00:00 AM and 6/30/2008 11:59:59 PM (Local Time)

Location : Federal Way Public School District Building 1066 S 320th

NMT # 24

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
A332	N/A	87.5	87.5	114
MD80	Mcdonnell-Douglas - MD-80 Series	87.4	86.0	13
B763	Boeing - 767-300	87.2	91.2	249
B733	Boeing - 737-300	86.5	96.1	586
AC90	Rockwell - Turbo Commander 690, Commander Jetprop 840/900	86.2	86.2	1
B739	Boeing - 737-900	85.8	95.1	563
MD88	N/A	85.4	86.9	23
MD11	Mcdonnell-Douglas - MD-11	85.4	87.1	31
B735	Boeing - 737-500	85.1	89.6	57
A333	N/A	85.0	89.9	58
E120	Embraer - Brasilia EMB-120	84.8	95.8	17
MD87	N/A	84.4	84.4	1
A310	Airbus - A310	83.7	87.4	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 4/1/2008 12:00:00 AM and 6/30/2008 11:59:59 PM (Local Time)

Location : Federal Way Public School District Building 1066 S 320th

NMT # 24

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
CRJ7	N/A	83.1	88.1	49
B773	Boeing - 777-300	82.7	86.0	29
FA50	Dassault-Breguet - Falcon 50, Mystere 50 (T-16)	82.3	85.0	4
DH8B	Dehavilland - Dash 8, DHC8 - 200	82.3	96.0	83
B734	Boeing - 737-400	82.3	96.0	1,093
E190	N/A	82.0	83.6	13
LJ31	Gates Learjet - Learjet 31	81.8	81.8	1
DH8D	Dehavilland - Dash 8, DHC8 - 400	81.8	94.9	145
DC10	Mcdonnell-Douglas - DC-10 (all series)	81.7	88.8	45
E45X	N/A	81.6	89.4	19
MD10	N/A	81.1	87.6	74
PA28	N/A	80.6	80.6	1
LJ35	Gates Learjet - Learjet 35, 36	80.6	82.6	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 4/1/2008 12:00:00 AM and 6/30/2008 11:59:59 PM (Local Time)

Location : Federal Way Public School District Building 1066 S 320th

NMT # 24

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
A300	N/A	80.5	83.5	11
C182	Cessna - Skylane 182	80.5	80.8	2
C56X	N/A	80.3	80.3	1
A321	Airbus - A321	80.2	84.4	77
A318	N/A	80.1	87.9	26
B741	Boeing - 747-100	79.4	79.4	1
MD90	Mcdonnell-Douglas - MD-90	79.2	85.2	20
DH8C	Dehavilland - Dash 8, DHC8 - 300	79.2	79.8	2
B712	Boeing - 717-200	79.2	82.0	8
C172	Cessna - Skyhawk 172/Cutlass/Mescalero	79.1	79.1	1
A306	Airbus - A300B4-600	78.9	81.3	6
CRJ9	N/A	78.1	79.8	3
BE20	Beech - Super King Air 200, 1300	77.9	77.9	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 4/1/2008 12:00:00 AM and 6/30/2008 11:59:59 PM (Local Time)

Location : Federal Way Public School District Building 1066 S 320th

NMT # 24

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
P180	N/A	77.6	77.6	1
AC11	Rockwell - Commander 112 / 114 AC11	77.5	77.5	1
C414	Cessna - Chancellor 414, Rocket Power	77.4	77.4	1
LJ60	Gates Learjet - Learjet 60	76.1	76.1	1
MD81	N/A	76.1	76.1	1
PC12	Pilatus Flugzeugwerke Ag - PC-12	74.7	74.7	1

Overall Levels

Avg. SEL dB(A)	81.3
Max. SEL dB(A)	85.8
Total AC NE	7,711

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 4/1/2008 12:00:00 AM and 6/30/2008 11:59:59 PM (Local Time)

Location : Twin Lakes Elementary School 4400 42nd Place S

NMT # 25

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
B744	Boeing - 747-400	90.4	88.9	61
A343	N/A	88.3	88.1	31
	N/A	87.6	87.8	87
B772	Boeing - 777-200	83.3	85.3	58
DH8B	Dehavilland - Dash 8, DHC8 - 200	82.5	90.7	19
E120	Embraer - Brasilia EMB-120	82.5	89.2	16
B742	Boeing - 747-200	81.8	84.0	2
B738	Boeing - 737-800	81.4	89.6	395
A332	N/A	80.9	82.2	39
A320	Airbus - A320	79.7	87.8	34
DH8D	Dehavilland - Dash 8, DHC8 - 400	79.6	91.4	46
B763	Boeing - 767-300	79.4	88.8	94
MD83	N/A	79.3	85.8	209

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 4/1/2008 12:00:00 AM and 6/30/2008 11:59:59 PM (Local Time)

Location : Twin Lakes Elementary School 4400 42nd Place S

NMT # 25

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
B739	Boeing - 737-900	78.6	88.1	220
A333	N/A	78.5	83.6	26
B737	Boeing - 737-700	78.3	84.5	103
B753	Boeing - 757-300	78.2	88.8	109
B773	Boeing - 777-300	78.1	82.4	13
MD10	N/A	77.7	80.7	13
A306	Airbus - A300B4-600	77.7	80.8	26
B735	Boeing - 737-500	77.6	82.0	25
B733	Boeing - 737-300	77.1	85.0	152
B752	Boeing - 757-200	76.9	78.6	2
B734	Boeing - 737-400	76.9	88.8	464
DC10	Mcdonnell-Douglas - DC-10 (all series)	76.8	82.3	26
GLF4	Gulfstream - Gulfstream 4	76.6	76.6	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 4/1/2008 12:00:00 AM and 6/30/2008 11:59:59 PM (Local Time)

Location : Twin Lakes Elementary School 4400 42nd Place S

NMT # 25

Aircraft		Avg. SEL dB(A)	Max. SEL dB(A)	AC Noise Events
MD11	Mcdonnell-Douglas - MD-11	76.5	80.9	10
C750	Cessna - Citation 10	75.9	76.1	2
DH8C	Dehavilland - Dash 8, DHC8 - 300	75.8	80.4	5
A310	Airbus - A310	74.5	77.0	5
A319	Airbus - A319	73.4	73.4	23
FA50	Dassault-Breguet - Falcon 50, Mystere 50 (T-16)	71.9	74.0	2
C650	Cessna - Citation 3/6/7	70.1	70.1	1
CRJ7	N/A	69.4	70.7	2

Overall Levels

Avg. SEL dB(A)	77.2
Max. SEL dB(A)	81.8
Total AC NE	2,321

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.