

Total Airline Operations and Exceedances During Late Night Hours in 1st Quarter 2022

PAX = passenger airline

CRG = cargo airline

Airline Code	Airline Name	Type*	Total Operations	Total Number of Exceedances	Percent of Operations
AAL	American Airlines	PAX	194	0	0%
AAR	Asiana Airlines Cargo	CRG	33	28	85%
ABX	ABX Air	CRG	4	2	50%
AMX	Aeromexico	PAX	1	0	0%
ASA	Alaska Airlines	PAX	610	6	1%
ATN	Air Transport Intl' (Amazon)	CRG	485	32	7%
BOX	Aerologic	CRG	13	1	8%
CAL	China Airlines Cargo	CRG	26	17	65%
CHH	Hainan Airlines	CRG	11	8	73%
CKK	China Cargo Airlines	CRG	65	28	43%
CKS	Kalitta Air	CRG	5	1	20%
CLX	Cargolux	CRG	21	14	67%
DAL	Delta Air Lines	PAX	372	5	1%
EVA	EVA Air	PAX	86	0	0%
FDX	FedEx Express	CRG	89	56	63%
FFT	Frontier	PAX	47	0	0%
HAL	Hawaiian Airlines	PAX	5	0	0%
JBU	JetBlue	PAX	83	0	0%
KAL	Korean Air Cargo	CRG	22	13	59%
OAE	Omni Air	PAX	16	2	13%
QXE	Horizon Airlines	PAX	84	0	0%
SCX	Sun Country	PAX	1	0	0%
SKW	SkyWest Airlines	PAX	82	0	0%
SWA	Southwest Airlines	PAX	132	1	1%
UAL	United Airlines	PAX	101	1	1%
VOI	Volaris	PAX	2	0	0%
Totals			2590	215	8%

Airlines With No Operations During Late Night Hours:

Lufthansa, Japan Airlines, All Nippon Airlines, Emirates Airlines, British Airways, Atlas Air, Virgin Atlantic
Jazz Aviation, Iceland Air, Spirit Airlines, Qatar Airways, Air France, Singapore Airlines, Air Canada

Aircraft Departures Exceeding 91 dB SEL at Noise Monitor 12

Noise Monitor	Date/Time	Airline	Flight Number	Aircraft Type	SEL Noise Level
SEA12	02/13/2022 00:19	Cargolux	CLX38F	B744	96.942
SEA12	02/22/2022 03:11	Cargolux	CLX46U	B748	91.57
SEA12	03/25/2022 00:19	United Airlines	UAL2497	B739	91.141
SEA12	03/25/2022 00:33	China Airlines Cargo	CAL5235	B744	99.387

Aircraft Departures Exceeding 91 dB SEL at Noise Monitor 19

Noise Monitor	Date/Time	Airline	Flight Number	Aircraft Type	SEL Noise Level
SEA19	01/01/2022 04:42	Asiana Cargo	AAR241	B744	93.983
SEA19	01/04/2022 03:28	China Airlines Cargo	CAL5241	B744	94.546
SEA19	01/05/2022 00:05	FedEx Express	FDX568	MD11	92.171
SEA19	01/06/2022 02:09	Asiana Cargo	AAR241	B744	94.79
SEA19	01/08/2022 04:03	Asiana Cargo	AAR241	B744	97.9
SEA19	01/09/2022 01:34	Cargolux	CLX38F	B744	92.466
SEA19	01/11/2022 01:34	China Airlines Cargo	CAL5241	B744	93.778
SEA19	01/12/2022 00:51	Asiana Cargo	AAR243	B744	96.109
SEA19	01/13/2022 04:10	Cargolux	CLX38B	B744	91.895
SEA19	01/21/2022 00:50	Hainan Airlines	CHH446	A333	93.368
SEA19	01/21/2022 02:12	China Airlines Cargo	CAL5171	B744	98.214
SEA19	01/23/2022 00:25	Cargolux	CLX38F	B748	92.993
SEA19	01/27/2022 00:48	Asiana Cargo	AAR241	B744	93.591
SEA19	01/27/2022 04:25	China Airlines Cargo	CAL5235	B744	95.522
SEA19	01/29/2022 01:00	Asiana Cargo	AAR241	B744	95.701
SEA19	01/29/2022 01:10	China Airlines Cargo	CAL5235	B744	95.362
SEA19	02/02/2022 00:08	Hainan Airlines	CHH446	A333	92.776
SEA19	02/03/2022 00:50	Cargolux	CLX38B	B748	93.174
SEA19	02/05/2022 01:00	China Airlines Cargo	CAL5171	B744	96.527
SEA19	02/05/2022 04:10	Asiana Cargo	AAR241	B744	94.595
SEA19	02/06/2022 00:37	Cargolux	CLX38F	B748	94.601
SEA19	02/07/2022 04:23	China Airlines Cargo	CAL5235	B744	96.427

Aircraft Departures Exceeding 91 dB SEL at Noise Monitor 19

Noise Monitor	Date/Time	Airline	Flight Number	Aircraft Type	SEL Noise Level
SEA19	02/09/2022 01:21	Asiana Cargo	AAR243	B744	96.877
SEA19	02/09/2022 03:28	China Airlines Cargo	CAL5241	B744	98.211
SEA19	02/10/2022 01:28	Asiana Cargo	AAR241	B744	96.406
SEA19	02/17/2022 03:19	China Airlines Cargo	CAL5235	B744	97.446
SEA19	02/18/2022 00:09	Hainan Airlines	CHH446	A333	92.346
SEA19	02/19/2022 00:27	China Airlines Cargo	CAL5171	B744	98.575
SEA19	02/20/2022 00:28	Hainan Airlines	CHH446	A333	91.433
SEA19	03/01/2022 00:16	Alaska Airlines	ASA167	B739	91.628
SEA19	03/01/2022 02:26	Cargolux	CLX46U	B748	92.29
SEA19	03/02/2022 03:56	Asiana Cargo	AAR243	B744	96.364
SEA19	03/04/2022 00:19	Hainan Airlines	CHH446	A333	94.124
SEA19	03/09/2022 00:28	Hainan Airlines	CHH446	A333	91.709
SEA19	03/10/2022 04:07	China Airlines Cargo	CAL5235	B744	95.88
SEA19	03/10/2022 04:30	Asiana Cargo	AAR241	B744	94.507
SEA19	03/13/2022 00:24	Hainan Airlines	CHH446	A333	92.513
SEA19	03/14/2022 03:33	Asiana Cargo	AAR241	B744	96.393
SEA19	03/16/2022 01:17	Hainan Airlines	CHH446	A333	91.477
SEA19	03/17/2022 01:30	Cargolux	CLX38B	B748	94.869
SEA19	03/20/2022 01:33	Cargolux	CLX38F	B748	91.278
SEA19	03/22/2022 03:32	Cargolux	CLX46U	B748	93.676
SEA19	03/26/2022 03:31	Asiana Cargo	AAR241	B744	96.32
SEA19	03/30/2022 01:34	Asiana Cargo	AAR243	B744	97.833
SEA19	03/30/2022 02:36	Cargolux	CLX46U	B744	96.754
SEA19	03/31/2022 04:38	Asiana Cargo	AAR241	B744	98.831

Aircraft Arrivals Exceeding 88 dB SEL at Noise Monitor 12

Noise Monitor	Date/Time	Airline	Flight Number	Aircraft Type	SEL Noise Level
SEA12	01/03/2022 00:24	Air Transport Intl'	ATN3569	B763	90.196
SEA12	01/03/2022 00:45	Delta Air Lines	DAL460	B764	89.953
SEA12	01/03/2022 01:01	FedEx Express	FDX709	B77L	88.899
SEA12	01/03/2022 02:35	FedEx Express	FDX397	MD11	89.643
SEA12	01/03/2022 03:17	Air Transport Intl'	ATN3401	B763	88.232
SEA12	01/03/2022 04:36	ABX Air	ABX904	B762	88.591
SEA12	01/04/2022 00:26	Delta Air Lines	DAL460	B764	89.972
SEA12	01/04/2022 00:31	Air Transport Intl'	ATN3569	B763	89.568
SEA12	01/04/2022 00:44	China Airlines Cargo	CAL5241	B744	89.63
SEA12	01/04/2022 03:44	China Cargo Airlines	CKK227	B77L	88.545
SEA12	01/04/2022 04:40	FedEx Express	FDX1885	MD11	91.99
SEA12	01/05/2022 04:08	China Airlines Cargo	CAL5235	B744	89.431
SEA12	01/06/2022 02:28	Omni Air	OAE8711	B763	93.311
SEA12	01/06/2022 04:44	China Cargo Airlines	CKK227	B77L	88.182
SEA12	01/07/2022 04:19	Korean Air Cargo	KAL233	B748	88.807
SEA12	01/07/2022 04:23	FedEx Express	FDX1885	MD11	91.475
SEA12	01/07/2022 04:26	Delta Air Lines	DAL429	B763	89.288
SEA12	01/08/2022 00:31	Air Transport Intl'	ATN3569	B763	88.861
SEA12	01/08/2022 04:48	FedEx Express	FDX1885	MD11	91.098
SEA12	01/09/2022 04:04	China Cargo Airlines	CKK227	B77L	88.428
SEA12	01/11/2022 00:23	Air Transport Intl'	ATN3569	B763	89.987
SEA12	01/11/2022 02:38	Air Transport Intl'	ATN3401	B763	89.75
SEA12	01/11/2022 04:53	FedEx Express	FDX1885	MD11	94.613
SEA12	01/12/2022 03:22	Omni Air	OAE8534	B763	88.401
SEA12	01/12/2022 04:28	China Cargo Airlines	CKK227	B77L	88.337
SEA12	01/13/2022 03:47	China Cargo Airlines	CKK227	B77L	88.225
SEA12	01/13/2022 03:49	Asiana Cargo	AAR242	B744	89.577
SEA12	01/14/2022 03:01	Korean Air Cargo	KAL233	B748	88.63
SEA12	01/14/2022 04:34	FedEx Express	FDX1885	MD11	92.046
SEA12	01/15/2022 04:07	FedEx Express	FDX1885	MD11	89.732
SEA12	01/17/2022 04:32	Air Transport Intl'	ATN3401	B763	90.561

Aircraft Arrivals Exceeding 88 dB SEL at Noise Monitor 12

Noise Monitor	Date/Time	Airline	Flight Number	Aircraft Type	SEL Noise Level
SEA12	01/18/2022 00:16	Air Transport Intl'	ATN3569	B763	92.354
SEA12	01/18/2022 02:37	Air Transport Intl'	ATN3401	B763	90.359
SEA12	01/18/2022 02:55	Korean Air Cargo	KAL233	B748	88.46
SEA12	01/18/2022 04:02	FedEx Express	FDX1885	MD11	89.173
SEA12	01/18/2022 04:36	Alaska Airlines	ASA110	B739	90.335
SEA12	01/19/2022 04:21	FedEx Express	FDX1885	MD11	88.834
SEA12	01/20/2022 00:11	Air Transport Intl'	ATN3569	B763	88.359
SEA12	01/20/2022 02:28	Air Transport Intl'	ATN3401	B763	88.041
SEA12	01/20/2022 03:34	China Cargo Airlines	CKK227	B77L	90.165
SEA12	01/20/2022 04:31	FedEx Express	FDX1885	MD11	92.226
SEA12	01/21/2022 03:23	Korean Air Cargo	KAL233	B748	88.032
SEA12	01/21/2022 04:14	China Cargo Airlines	CKK227	B77L	88.739
SEA12	01/21/2022 04:26	FedEx Express	FDX1885	MD11	89.99
SEA12	01/22/2022 04:14	FedEx Express	FDX1885	MD11	88.618
SEA12	01/25/2022 04:19	FedEx Express	FDX1885	MD11	88.06
SEA12	01/27/2022 03:55	FedEx Express	FDX1885	MD11	88.047
SEA12	01/30/2022 03:21	Cargolux	CLX38F	B744	91.291
SEA12	02/04/2022 04:04	FedEx Express	FDX1885	MD11	91.041
SEA12	02/05/2022 01:53	Asiana Cargo	AAR242	B744	90.017
SEA12	02/05/2022 04:40	FedEx Express	FDX1885	MD11	89.462
SEA12	02/07/2022 03:22	China Cargo Airlines	CKK227	B77L	89.971
SEA12	02/09/2022 03:45	China Cargo Airlines	CKK227	B77L	88.397
SEA12	02/14/2022 03:35	China Cargo Airlines	CKK227	B77L	89.847
SEA12	02/15/2022 03:38	China Cargo Airlines	CKK227	B77L	88.667
SEA12	02/15/2022 04:35	FedEx Express	FDX1885	MD11	89.377
SEA12	02/16/2022 04:01	FedEx Express	FDX1885	MD11	90.24
SEA12	02/18/2022 03:52	FedEx Express	FDX1885	MD11	90.08
SEA12	02/18/2022 04:08	China Cargo Airlines	CKK227	B77L	88.196
SEA12	02/19/2022 03:48	FedEx Express	FDX1885	MD11	89.168
SEA12	02/20/2022 00:17	Air Transport Intl'	ATN3569	B763	88.983
SEA12	02/24/2022 03:03	China Cargo Airlines	CKK227	B77L	88.5

Aircraft Arrivals Exceeding 88 dB SEL at Noise Monitor 12

Noise Monitor	Date/Time	Airline	Flight Number	Aircraft Type	SEL Noise Level
SEA12	02/24/2022 04:01	FedEx Express	FDX1885	MD11	88.088
SEA12	02/27/2022 03:34	China Cargo Airlines	CKK227	B77L	90.483
SEA12	02/27/2022 04:21	FedEx Express	FDX710	MD11	89.433
SEA12	02/28/2022 00:03	Air Transport Intl'	ATN3569	B763	88.278
SEA12	02/28/2022 02:23	Air Transport Intl'	ATN3401	B763	88.56
SEA12	02/28/2022 03:31	China Cargo Airlines	CKK227	B77L	90.326
SEA12	03/01/2022 00:06	Air Transport Intl'	ATN3569	B763	91.408
SEA12	03/01/2022 03:50	FedEx Express	FDX1885	MD11	89.736
SEA12	03/02/2022 01:27	Asiana Cargo	AAR244	B744	91.354
SEA12	03/02/2022 03:20	China Cargo Airlines	CKK227	B77L	88.226
SEA12	03/02/2022 03:58	FedEx Express	FDX1885	MD11	89.224
SEA12	03/03/2022 03:35	FedEx Express	FDX1885	MD11	88.968
SEA12	03/07/2022 04:31	Asiana Cargo	AAR242	B744	94.332
SEA12	03/08/2022 03:17	Korean Air Cargo	KAL233	B744	90.031
SEA12	03/08/2022 03:51	FedEx Express	FDX1885	MD11	90.937
SEA12	03/08/2022 04:00	China Cargo Airlines	CKK227	B77L	89.035
SEA12	03/09/2022 03:57	FedEx Express	FDX1885	MD11	90.26
SEA12	03/10/2022 03:46	FedEx Express	FDX1885	MD11	88.843
SEA12	03/11/2022 03:55	FedEx Express	FDX1885	MD11	89.531
SEA12	03/12/2022 03:49	FedEx Express	FDX1885	MD11	88.384
SEA12	03/13/2022 00:09	Air Transport Intl'	ATN3569	B763	88.452
SEA12	03/13/2022 04:07	FedEx Express	FDX710	MD11	90.911
SEA12	03/13/2022 04:32	Air Transport Intl'	ATN3401	B763	88.454
SEA12	03/13/2022 04:59	China Cargo Airlines	CKK227	B77L	89.763
SEA12	03/14/2022 01:39	Asiana Cargo	AAR242	B744	89.064
SEA12	03/14/2022 04:58	China Cargo Airlines	CKK227	B77L	89.027
SEA12	03/15/2022 00:17	Air Transport Intl'	ATN3569	B763	90.653
SEA12	03/15/2022 00:36	Southwest Airlines	SWA3608	B738	88.484
SEA12	03/15/2022 02:22	Air Transport Intl'	ATN3401	B763	88.124
SEA12	03/15/2022 03:45	FedEx Express	FDX1885	MD11	90.799
SEA12	03/15/2022 03:54	Korean Air Cargo	KAL233	B748	89.193

Aircraft Arrivals Exceeding 88 dB SEL at Noise Monitor 12

Noise Monitor	Date/Time	Airline	Flight Number	Aircraft Type	SEL Noise Level
SEA12	03/15/2022 04:57	Alaska Airlines	ASA110	B739	89.039
SEA12	03/16/2022 02:12	Air Transport Intl'	ATN3401	B763	89.661
SEA12	03/16/2022 03:47	FedEx Express	FDX1885	MD11	89.556
SEA12	03/17/2022 04:50	China Cargo Airlines	CKK227	B77L	88.419
SEA12	03/18/2022 03:42	FedEx Express	FDX1885	MD11	90.791
SEA12	03/18/2022 03:47	Korean Air Cargo	KAL233	B748	88.906
SEA12	03/18/2022 04:49	China Cargo Airlines	CKK227	B77L	89.645
SEA12	03/18/2022 04:58	China Airlines Cargo	CAL5241	B744	88.791
SEA12	03/19/2022 03:46	FedEx Express	FDX1885	MD11	90.734
SEA12	03/19/2022 04:28	China Cargo Airlines	CKK227	B77L	91.035
SEA12	03/20/2022 00:11	Aerologic	BOX489	B77L	88.213
SEA12	03/20/2022 04:01	FedEx Express	FDX710	MD11	88.838
SEA12	03/20/2022 04:19	China Cargo Airlines	CKK227	B77L	88.636
SEA12	03/21/2022 04:28	China Cargo Airlines	CKK227	B77L	89.235
SEA12	03/21/2022 04:38	Kalitta Air	CKS804	B763	89.006
SEA12	03/22/2022 00:21	Air Transport Intl'	ATN3569	B763	88.617
SEA12	03/22/2022 00:42	Cargolux	CLX46U	B748	88.479
SEA12	03/22/2022 03:23	Korean Air Cargo	KAL233	B748	88.051
SEA12	03/22/2022 03:58	FedEx Express	FDX1885	MD11	92.566
SEA12	03/23/2022 03:49	FedEx Express	FDX1885	MD11	90.708
SEA12	03/24/2022 03:53	FedEx Express	FDX1885	MD11	90.641
SEA12	03/25/2022 03:46	FedEx Express	FDX1885	MD11	92.412
SEA12	03/26/2022 01:11	Asiana Cargo	AAR242	B744	88.777
SEA12	03/26/2022 03:48	FedEx Express	FDX1885	MD11	91.921
SEA12	03/28/2022 04:00	Asiana Cargo	AAR242	B744	90.399
SEA12	03/30/2022 01:49	Air Transport Intl'	ATN3401	B763	88.413
SEA12	03/30/2022 03:59	FedEx Express	FDX1885	MD11	90.322
SEA12	03/31/2022 01:57	Asiana Cargo	AAR242	B744	90.994
SEA12	03/31/2022 04:04	FedEx Express	FDX1885	MD11	88.348

Aircraft Arrivals Exceeding 82 dB SEL at Noise Monitor 13

Noise Monitor	Date/Time	Airline	Flight Number	Aircraft Type	SEL Noise Level
SEA13	01/03/2022 00:31	Delta Air Lines	DAL661	B739	82.702
SEA13	01/07/2022 00:19	Air Transport Intl'	ATN3569	B763	84.289
SEA13	01/07/2022 04:33	Alaska Airlines	ASA21	B739	82.41
SEA13	01/08/2022 01:49	China Airlines Cargo	CAL5171	B744	83.57
SEA13	01/08/2022 01:56	Asiana Cargo	AAR242	B744	88.359
SEA13	01/10/2022 04:35	Asiana Cargo	AAR242	B744	85.084
SEA13	01/11/2022 02:49	Korean Air Cargo	KAL233	B744	84.182
SEA13	01/24/2022 03:15	Asiana Cargo	AAR242D	B744	84.202
SEA13	01/31/2022 00:02	FedEx Express	FDX3034	MD11	85.59
SEA13	01/31/2022 00:04	Alaska Airlines	ASA705	B739	82.525
SEA13	01/31/2022 00:20	Air Transport Intl'	ATN3569	B763	85.154
SEA13	01/31/2022 04:37	Delta Air Lines	DAL429	B763	82.21
SEA13	01/31/2022 04:48	ABX Air	ABX904	B762	82.502
SEA13	02/01/2022 00:16	Air Transport Intl'	ATN3569	B763	82.719
SEA13	02/01/2022 02:24	Air Transport Intl'	ATN3401	B763	83.354
SEA13	02/01/2022 04:43	FedEx Express	FDX1885	MD11	84.812
SEA13	02/06/2022 04:41	FedEx Express	FDX710	MD11	85.64
SEA13	02/07/2022 00:03	Air Transport Intl'	ATN3569	B763	82.349
SEA13	02/08/2022 00:27	Air Transport Intl'	ATN3569	B763	82.822
SEA13	02/08/2022 02:32	Korean Air Cargo	KAL233	B748	83.388
SEA13	02/08/2022 03:21	China Cargo Airlines	CKK227	B77L	83.874
SEA13	02/10/2022 03:53	FedEx Express	FDX1885	MD11	83.424
SEA13	03/16/2022 00:01	Alaska Airlines	ASA705	B739	83.139
SEA13	03/28/2022 00:13	Air Transport Intl'	ATN3569	B763	82.474

Aircraft Arrivals Exceeding 89 dB SEL at Noise Monitor 18

Noise Monitor	Date/Time	Airline	Flight Number	Aircraft Type	SEL Noise Level
SEA18	02/22/2022 00:11	Air Transport Intl'	ATN3569	B763	90.415

Aircraft Arrivals Exceeding 88 dB SEL at Noise Monitor 19

Noise Monitor	Date/Time	Airline	Flight Number	AC Type	SEL Noise Level
SEA19	02/09/2022 03:52	FedEx Express	FDX1885	MD11	89.994
SEA19	02/11/2022 03:56	China Cargo Airlines	CKK227	B77L	88.693
SEA19	02/11/2022 04:02	FedEx Express	FDX1885	MD11	91.172
SEA19	02/11/2022 04:20	Korean Air Cargo	KAL233	B748	89.215
SEA19	02/11/2022 04:39	China Airlines Cargo	CAL5235	B744	90.682
SEA19	02/12/2022 04:02	FedEx Express	FDX1885	MD11	88.843
SEA19	02/22/2022 03:25	Korean Air Cargo	KAL233	B748	88.279
SEA19	02/22/2022 03:56	FedEx Express	FDX1885	MD11	88.721
SEA19	03/05/2022 02:37	Asiana Cargo	AAR242	B744	93.025
SEA19	03/05/2022 03:53	China Cargo Airlines	CKK227	B77L	88.962
SEA19	03/05/2022 03:56	FedEx Express	FDX1885	MD11	89.319
SEA19	03/10/2022 02:27	Asiana Cargo	AAR242	B744	89.229
SEA19	03/17/2022 03:39	FedEx Express	FDX1885	MD11	89.042
SEA19	03/24/2022 04:49	China Cargo Airlines	CKK227	B77L	89.104
SEA19	03/29/2022 00:01	Air Transport Intl'	ATN3569	B763	90.773
SEA19	03/29/2022 02:11	Air Transport Intl'	ATN3401	B763	88.052
SEA19	03/29/2022 04:02	FedEx Express	FDX1885	MD11	89.953
SEA19	03/29/2022 04:14	Korean Air Cargo	KAL233	B748	88.171