

Total Airline Operations and Exceedances During Late Night Hours in 1st Quarter 2023

PAX = passenger airline

CRG = cargo airline

Airline Code	Airline Name	Type*	Total Operations	Total Number of Exceedances	Percent of Operations
AAL	American Airlines	PAX	94	0	0%
AAR	Asiana Airlines Cargo	CRG	4	3	75%
ABX	ABX Air	CRG	15	3	20%
ACA	Air Canada	PAX	1	0	0%
ASA	Alaska Airlines	PAX	750	1	Less than 1%
ATN	Air Transport Intl' (Amazon)	CRG	129	7	5%
CAL	China Airlines Cargo	CRG	48	34	70%
CKK	China Cargo Airlines	CRG	90	27	30%
CKS	Kalitta Air	CRG	6	2	33%
CLX	Cargolux	CRG	20	12	60%
DAL	Delta Air Lines	PAX	391	3	1%
EVA	EVA Air	PAX	90	0	0%
FDX	FedEx Express	CRG	89	44	49%
FFT	Frontier Airlines	PAX	7	0	0%
GTI	Atlas Air	CRG	7	2	29%
HAL	Hawaiian Airlines	PAX	16	0	0%
JBU	JetBlue	PAX	90	0	0%
KAL	Korean Air Cargo	CRG	36	21	58%
KYE	Sky Lease Cargo	CRG	4	3	75%
NKS	Spirit Airlines	PAX	17	0	0%
OAE	Omni Air	PAX	9	0	0%
QXE	Horizon Air	PAX	27	0	0%
SCX	Sun Country	PAX	3	0	0%
SKW	SkyWest Airlines	PAX	55	0	0%
SWA	Southwest Airlines	PAX	200	0	0%
UAL	United Airlines	PAX	188	6	3%
VOI	Volaris	PAX	1	0	0%
Totals			2387	168	7%

Airlines With No Operations During Late Night Hours:

Lufthansa, Japan Airlines, All Nippon Airlines, Emirates Airlines, Virgin Atlantic, Aeromexico, Aer Lingus, Finnair
Jazz Aviation, Iceland Air, Qatar Airways, Air France, Singapore Airlines, Condor, Turkish Airlines, British Airways

Aircraft Departures Exceeding 91 dB SEL at Noise Monitor 12

Noise Monitor	Date/Time	Airline	Flight Number	Aircraft Type	SEL Noise Level
SEA12	01/29/2023 00:10	United Airlines	UAL2497	B738	91.061
SEA12	01/29/2023 02:13	Kalitta Air	CKS9639	B744	91.511
SEA12	02/11/2023 00:08	United Airlines	UAL2497	B737	91.348
SEA12	02/11/2023 04:45	Korean Air Cargo	KAL8234	B748	94.131
SEA12	02/12/2023 00:40	United Airlines	UAL2379	B738	91.099
SEA12	02/19/2023 00:08	Cargolux	CLX14K	B744	95.951
SEA12	03/01/2023 00:19	United Airlines	UAL2497	B737	91.024
SEA12	03/17/2023 04:45	China Airlines Cargo	CAL5235	B744	97.62
SEA12	03/22/2023 00:19	Delta Air Lines	DAL8784	B763	92.018
SEA12	03/22/2023 00:33	China Airlines Cargo	CAL5171	B744	94.813
SEA12	03/29/2023 01:05	China Airlines Cargo	CAL5171	B744	94.791

Aircraft Departures Exceeding 91 dB SEL at Noise Monitor 19

Noise Monitor	Date/Time	Airline	Flight Number	Aircraft Type	SEL Noise Level
SEA19	01/02/2023 00:17	United Airlines	UAL2379	B739	91.322
SEA19	01/03/2023 03:22	China Airlines Cargo	CAL5235	B744	93.376
SEA19	01/03/2023 04:52	Korean Air Cargo	KAL234	B748	91.563
SEA19	01/04/2023 01:28	China Airlines Cargo	CAL5389	B744	93.409
SEA19	01/04/2023 02:23	Asiana Airlines Cargo	AAR243	B744	93.118
SEA19	01/06/2023 00:17	United Airlines	UAL2497	B738	91.143
SEA19	01/09/2023 02:47	China Airlines Cargo	CAL5171	B744	95.662
SEA19	01/15/2023 01:43	Cargolux	CLX14K	B744	96.462
SEA19	01/16/2023 02:04	China Airlines Cargo	CAL5171	B744	95.955
SEA19	01/18/2023 03:04	China Airlines Cargo	CAL5389	B744	94.737
SEA19	01/19/2023 03:53	Cargolux	CLX26M	B748	92.415
SEA19	01/20/2023 05:00	Korean Air Cargo	KAL234	B748	93.507
SEA19	01/22/2023 01:10	Cargolux	CLX14K	B744	96.441
SEA19	01/23/2023 01:19	China Airlines Cargo	CAL5235	B744	97.639
SEA19	01/26/2023 00:41	Cargolux	CLX26M	B748	93.713

Aircraft Departures Exceeding 91 dB SEL at Noise Monitor 19

Noise Monitor	Date/Time	Airline	Flight Number	Aircraft Type	SEL Noise Level
SEA19	01/27/2023 00:07	China Airlines Cargo	CAL5171	B744	97.626
SEA19	01/28/2023 00:11	China Airlines Cargo	CAL5235	B744	98.923
SEA19	02/03/2023 03:56	China Airlines Cargo	CAL5171	B744	95.436
SEA19	02/03/2023 05:00	Korean Air Cargo	KAL234	B748	91.654
SEA19	02/13/2023 00:24	China Airlines Cargo	CAL5171	B744	96.709
SEA19	02/14/2023 01:14	China Airlines Cargo	CAL5171	B744	97.291
SEA19	02/15/2023 01:24	Asiana Airlines Cargo	AAR243	B744	98.945
SEA19	02/15/2023 02:22	China Airlines Cargo	CAL5241	B744	97.563
SEA19	02/17/2023 02:41	China Airlines Cargo	CAL5235	B744	97.763
SEA19	02/18/2023 01:09	China Airlines Cargo	CAL5235	B744	97.987
SEA19	02/20/2023 00:08	China Airlines Cargo	CAL5171	B744	97.935
SEA19	02/27/2023 03:13	China Airlines Cargo	CAL5235	B744	95.789
SEA19	03/01/2023 02:28	China Airlines Cargo	CAL5241	B744	98.58
SEA19	03/05/2023 00:20	Cargolux	CLX14K	B744	94.377
SEA19	03/07/2023 00:34	China Airlines Cargo	CAL5171	B744	96.312
SEA19	03/08/2023 01:47	China Airlines Cargo	CAL5171	B744	94.212
SEA19	03/09/2023 02:44	Cargolux	CLX26M	B748	94.677
SEA19	03/10/2023 01:55	China Airlines Cargo	CAL5235	B744	98.511
SEA19	03/11/2023 00:34	Asiana Airlines Cargo	AAR241	B744	96.245
SEA19	03/14/2023 04:12	China Airlines Cargo	CAL5171	B744	94.298
SEA19	03/15/2023 00:10	China Airlines Cargo	CAL5171	B744	94.79
SEA19	03/16/2023 01:30	Cargolux	CLX26M	B748	94.502
SEA19	03/19/2023 00:46	Cargolux	CLX14K	B744	93.758
SEA19	03/19/2023 03:47	China Airlines Cargo	CAL5235	B744	98.037
SEA19	03/21/2023 01:11	China Airlines Cargo	CAL5171	B744	94.339
SEA19	03/24/2023 00:32	China Airlines Cargo	CAL5235	B744	97.337
SEA19	03/26/2023 03:20	Cargolux	CLX17K	B748	91.026
SEA19	03/31/2023 03:01	China Airlines Cargo	CAL5235	B744	96.307

Aircraft Arrivals Exceeding 88 dB SEL at Noise Monitor 12

Noise Monitor	Date/Time	Airline	Flight Number	Aircraft Type	SEL Noise Level
SEA12	01/04/2023 04:21	FedEx Express	FDX1885	MD11	88.26
SEA12	01/05/2023 02:50	Sky Lease Cargo	KYE9501	B744	88.258
SEA12	01/05/2023 04:17	FedEx Express	FDX1885	MD11	89.18
SEA12	01/06/2023 00:56	Air Transport Intl'	ATN3324	B763	91.133
SEA12	01/06/2023 03:34	China Cargo Airlines	CKK227	B77L	89.617
SEA12	01/06/2023 03:52	Korean Air Cargo	KAL233	B748	89.461
SEA12	01/06/2023 03:57	FedEx Express	FDX1802	MD11	90.647
SEA12	01/07/2023 03:06	Korean Air Cargo	KAL8233	B748	89.41
SEA12	01/07/2023 03:46	FedEx Express	FDX1885	MD11	92.045
SEA12	01/10/2023 03:59	China Cargo Airlines	CKK227	B77L	88.558
SEA12	01/10/2023 04:34	FedEx Express	FDX1885	MD11	89.279
SEA12	01/11/2023 04:09	FedEx Express	FDX1885	MD11	92.758
SEA12	01/12/2023 00:17	Air Transport Intl'	ATN3324	B763	92.061
SEA12	01/12/2023 03:47	FedEx Express	FDX1885	MD11	90.597
SEA12	01/12/2023 04:25	China Cargo Airlines	CKK227	B77L	89.804
SEA12	01/12/2023 04:43	Delta Air Lines	DAL485	B763	88.586
SEA12	01/13/2023 03:17	Korean Air Cargo	KAL233	B748	89.601
SEA12	01/13/2023 03:43	FedEx Express	FDX1885	MD11	92.543
SEA12	01/13/2023 04:09	China Cargo Airlines	CKK227	B77L	88.233
SEA12	01/14/2023 00:10	Air Transport Intl'	ATN3324	B763	88.612
SEA12	01/14/2023 02:56	Korean Air Cargo	KAL8233	B748	88.764
SEA12	01/14/2023 03:53	FedEx Express	FDX1885	MD11	91.034
SEA12	01/14/2023 04:03	China Airlines Cargo	CAL5235	B744	89.651
SEA12	01/16/2023 00:03	Air Transport Intl'	ATN3324	B763	88.918
SEA12	01/16/2023 04:08	ABX Air	ABX804	B763	89.017
SEA12	01/17/2023 02:09	Korean Air Cargo	KAL233	B748	88.142
SEA12	01/17/2023 03:18	China Cargo Airlines	CKK227	B77L	89.05
SEA12	01/17/2023 03:50	FedEx Express	FDX1885	MD11	92.155
SEA12	01/17/2023 04:47	FedEx Express	FDX1717	B763	88.199
SEA12	01/18/2023 00:20	Air Transport Intl'	ATN3324	B763	88.5
SEA12	01/18/2023 03:22	China Cargo Airlines	CKK227	B77L	89.319

Aircraft Arrivals Exceeding 88 dB SEL at Noise Monitor 12

Noise Monitor	Date/Time	Airline	Flight Number	Aircraft Type	SEL Noise Level
SEA12	01/19/2023 01:20	Cargolux	CLX25N	B748	91.29
SEA12	01/19/2023 03:36	China Cargo Airlines	CKK227	B77L	88.118
SEA12	01/19/2023 04:01	FedEx Express	FDX1885	MD11	89.678
SEA12	01/21/2023 03:46	FedEx Express	FDX1885	MD11	89.6
SEA12	01/23/2023 03:34	China Cargo Airlines	CKK227	B77L	88.218
SEA12	01/24/2023 02:33	Korean Air Cargo	KAL233	B748	88.079
SEA12	01/24/2023 02:40	Sky Lease Cargo	KYE9501	B744	90.684
SEA12	01/24/2023 04:03	FedEx Express	FDX1885	MD11	91.865
SEA12	01/25/2023 03:50	FedEx Express	FDX1885	MD11	90.346
SEA12	01/26/2023 04:02	FedEx Express	FDX1885	MD11	89.794
SEA12	01/27/2023 02:58	Sky Lease Cargo	KYE9501	B744	90.196
SEA12	01/27/2023 03:46	FedEx Express	FDX1885	MD11	88.225
SEA12	01/28/2023 03:49	FedEx Express	FDX1885	MD11	89.561
SEA12	02/01/2023 04:23	China Cargo Airlines	CKK225	B77L	88.278
SEA12	02/02/2023 00:08	Korean Air Cargo	KAL233	B748	89.428
SEA12	02/04/2023 01:05	Atlas Air	GTI8852	B744	88.333
SEA12	02/04/2023 04:02	FedEx Express	FDX1885	MD11	89.826
SEA12	02/06/2023 03:32	China Cargo Airlines	CKK225	B77L	88.608
SEA12	02/06/2023 04:20	ABX Air	ABX804	B763	88.108
SEA12	02/07/2023 03:29	China Cargo Airlines	CKK225	B77L	90.327
SEA12	02/07/2023 03:48	Korean Air Cargo	KAL233	B748	89.771
SEA12	02/07/2023 04:03	FedEx Express	FDX1885	MD11	91.153
SEA12	02/08/2023 03:47	China Cargo Airlines	CKK225	B77L	88.956
SEA12	02/10/2023 03:03	China Cargo Airlines	CKK225	B77L	88.774
SEA12	02/10/2023 03:07	Korean Air Cargo	KAL233	B748	89.282
SEA12	02/10/2023 03:48	FedEx Express	FDX1885	MD11	89.172
SEA12	02/12/2023 04:11	China Cargo Airlines	CKK225	B77L	88.434
SEA12	02/13/2023 03:38	China Cargo Airlines	CKK225	B77L	90.339
SEA12	02/13/2023 04:18	ABX Air	ABX804	B763	88.821
SEA12	02/15/2023 00:12	China Airlines Cargo	CAL5241	B744	89.067
SEA12	02/17/2023 00:34	China Airlines Cargo	CAL5235	B744	88.686

Aircraft Arrivals Exceeding 88 dB SEL at Noise Monitor 12

Noise Monitor	Date/Time	Airline	Flight Number	Aircraft Type	SEL Noise Level
SEA12	02/17/2023 03:50	FedEx Express	FDX1885	MD11	88.084
SEA12	02/18/2023 02:09	China Cargo Airlines	CKK225	B77L	88.978
SEA12	02/20/2023 01:02	Atlas Air	GTI8951	B744	88.32
SEA12	02/21/2023 03:45	China Cargo Airlines	CKK225	B77L	89.717
SEA12	02/21/2023 03:53	FedEx Express	FDX1885	MD11	90.022
SEA12	02/21/2023 04:06	Korean Air Cargo	KAL233	B748	90.242
SEA12	02/22/2023 03:59	FedEx Express	FDX1885	MD11	91.582
SEA12	02/26/2023 01:58	China Cargo Airlines	CKK225	B77L	88.813
SEA12	02/26/2023 03:51	FedEx Express	FDX710	MD11	92.077
SEA12	02/27/2023 00:03	China Airlines Cargo	CAL5235	B744	88.278
SEA12	02/28/2023 02:42	Korean Air Cargo	KAL233	B748	89.28
SEA12	02/28/2023 04:25	China Cargo Airlines	CKK225	B77L	89.297
SEA12	02/28/2023 04:28	FedEx Express	FDX1885	MD11	91.798
SEA12	03/01/2023 04:37	FedEx Express	FDX1885	MD11	92.281
SEA12	03/02/2023 03:09	China Cargo Airlines	CKK225	B77L	89.722
SEA12	03/02/2023 04:01	FedEx Express	FDX1885	MD11	89.468
SEA12	03/03/2023 03:57	China Cargo Airlines	CKK231	B77L	90.154
SEA12	03/03/2023 04:22	Korean Air Cargo	KAL233	B748	90.556
SEA12	03/03/2023 04:33	FedEx Express	FDX1885	MD11	90.042
SEA12	03/03/2023 04:47	Delta Air Lines	DAL485	B763	89.582
SEA12	03/04/2023 04:03	FedEx Express	FDX1885	MD11	89.94
SEA12	03/04/2023 04:27	China Cargo Airlines	CKK227	B77L	89.816
SEA12	03/04/2023 04:54	Korean Air Cargo	KAL8233	B744	88.991
SEA12	03/07/2023 00:46	Kalitta Air	CKS922	B744	88.738
SEA12	03/07/2023 03:53	FedEx Express	FDX1885	MD11	88.349
SEA12	03/07/2023 04:52	China Cargo Airlines	CKK227	B77L	88.268
SEA12	03/08/2023 04:02	FedEx Express	FDX1885	MD11	88.087
SEA12	03/09/2023 03:51	FedEx Express	FDX1885	MD11	88.266
SEA12	03/11/2023 03:47	FedEx Express	FDX1885	MD11	90.512
SEA12	03/11/2023 04:27	Korean Air Cargo	KAL8233	B744	90.44
SEA12	03/11/2023 04:35	China Cargo Airlines	CKK227	B77L	88.432

Aircraft Arrivals Exceeding 88 dB SEL at Noise Monitor 12

Noise Monitor	Date/Time	Airline	Flight Number	Aircraft Type	SEL Noise Level
SEA12	03/14/2023 04:06	FedEx Express	FDX1885	MD11	93.52
SEA12	03/15/2023 03:44	FedEx Express	FDX1885	MD11	93.074
SEA12	03/16/2023 03:51	FedEx Express	FDX1885	MD11	89.259
SEA12	03/21/2023 03:24	Korean Air Cargo	KAL233	B748	88.493
SEA12	03/21/2023 03:53	FedEx Express	FDX1885	MD11	90.445
SEA12	03/23/2023 03:43	FedEx Express	FDX1885	MD11	89.49
SEA12	03/23/2023 04:58	China Cargo Airlines	CKK227	B77L	89.171
SEA12	03/24/2023 04:58	China Cargo Airlines	CKK227	B77L	88.905
SEA12	03/26/2023 00:02	Air Transport Intl'	ATN3324	B763	88.058
SEA12	03/26/2023 00:51	Cargolux	CLX17K	B748	88.089
SEA12	03/28/2023 04:05	Korean Air Cargo	KAL233	B748	88.423
SEA12	03/30/2023 03:55	FedEx Express	FDX1885	MD11	91.22
SEA12	03/31/2023 00:01	China Airlines Cargo	CAL5235	B744	88.792
SEA12	03/31/2023 03:51	FedEx Express	FDX1885	MD11	93.872

Aircraft Arrivals Exceeding 82 dB SEL at Noise Monitor 13

Noise Monitor	Date/Time	Airline	Flight Number	Aircraft Type	SEL Noise Level
SEA13	01/13/2023 00:03	Air Transport Intl'	ATN3324	B763	82.501
SEA13	02/06/2023 04:53	Alaska Airlines	ASA802	B739	85.191
SEA13	02/24/2023 04:10	FedEX Express	FDX1885	MD11	82.048

Aircraft Arrivals Exceeding 89 dB SEL at Noise Monitor 18

Noise Monitor	Date/Time	Airline	Flight Number	Aircraft Type	SEL Noise Level
NONE					

Aircraft Arrivals Exceeding 88 dB SEL at Noise Monitor 19

Noise Monitor	Date/Time	Airline	Flight Number	AC Type	SEL Noise Level
SEA19	02/11/2023 02:45	Korean Air Cargo	KAL8233	B748	89.321
SEA19	02/11/2023 03:43	China Cargo Airlines	CKK225	B77L	88.929
SEA19	02/11/2023 04:09	FedEx Express	FDX1885	MD11	91.246
SEA19	03/22/2023 04:02	FedEx Express	FDX1885	MD11	89.702