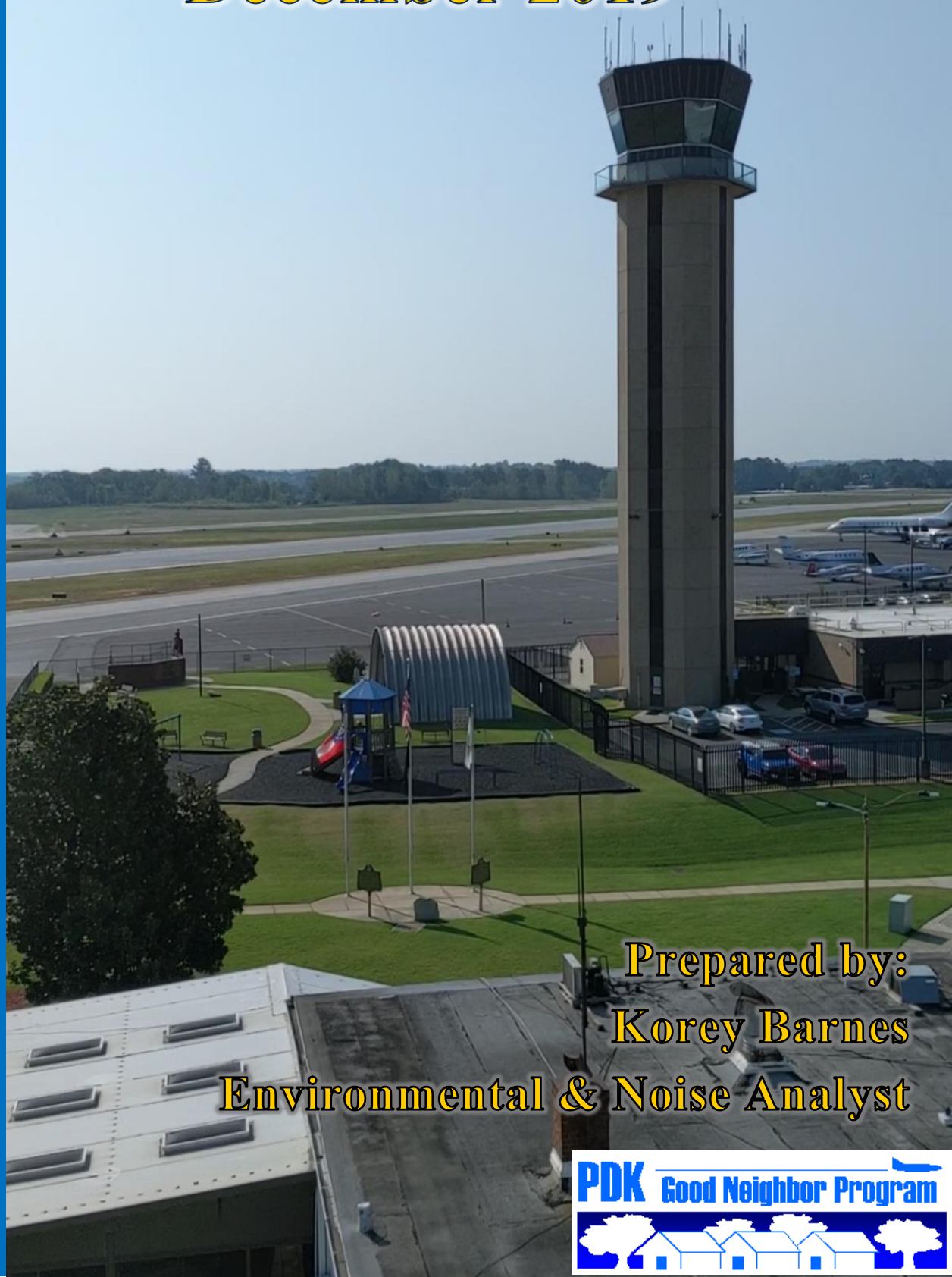


Monthly Noise Report

December 2019



Prepared by:
Korey Barnes
Environmental & Noise Analyst

Introduction:

DeKalb-Peachtree Airport (PDK) is located in a highly noise-sensitive area as it is surrounded by residential communities. Aircraft noise is noise pollution generated by an aircraft, and may occur during all phases of flight. For instance, while aircraft are on the ground, taxiing, operating auxiliary power units (APUs), and conducting run-ups may contribute noise pollution to the surrounding areas. While aircraft are in the air, noise pollution can occur underneath and to the sides of departure and arrival paths.

The primary goal of the **PDK Good Neighbor Program** is to serve as a community-based program with aims to reduce aircraft noise levels in the vicinity of the airport. Since its inception, the program has sought to increase awareness of airport operations and develop airport/community partnerships with the surrounding cities of Chamblee, Doraville, Dunwoody, Brookhaven, North Atlanta (including the Buckhead community), and others. The program is a multifaceted one that uses many approaches to convey information in a succinct manner.

The program strives to reduce overall aircraft noise disturbances by soliciting airport-user involvement. Community and airport participation, learning, and cooperation are the keys to the program's success.

This report provides a monthly summary of airport operations, noise disturbances, and impacts to the surrounding neighborhoods to airport users and the surrounding communities.

December 2019 Aircraft Operations:

	This Month	This Month, Last Year (December 2018)	% Change from December 2018	5-Year Average for Month
Total Operations	12,076	8,871	36.13%	10,630
Itinerant	9,589	6,784	41.35%	8,276
Local	2,487	2,087	19.17%	2,426
Voluntary Curfew Ops	328	217	51.15%	268
Prior Authorization	141	(9) Noise disturbance calls associated with these flights. (3) Voluntary curfew ops were associated with these flights.		

**Prior Authorization
(Section 6-93 Code)**

Operation

Itinerant

Local

Voluntary Curfew Ops

Aircraft certified by the FAA with a max gross take-off weight greater than 75,000 pounds

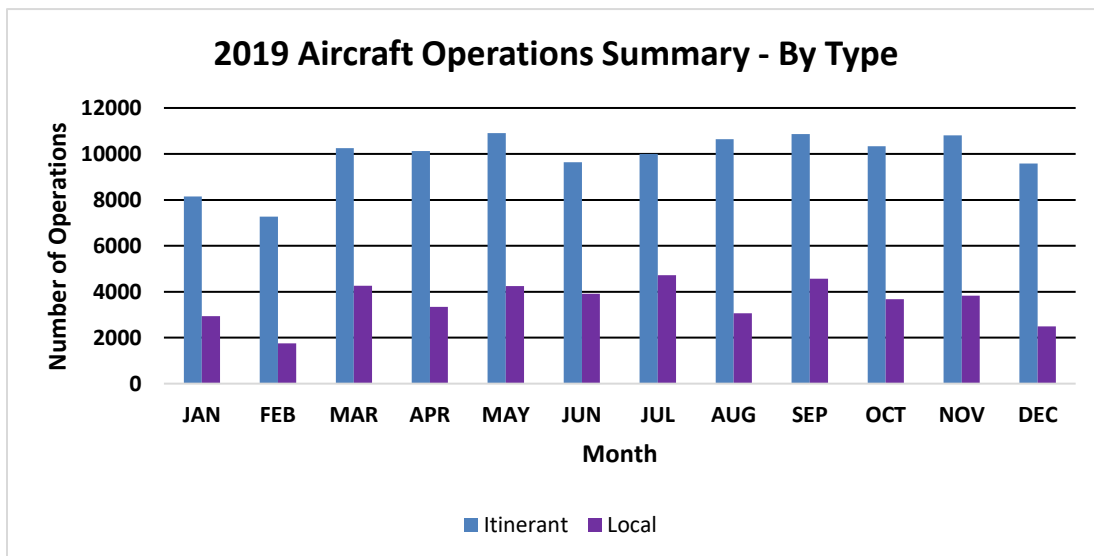
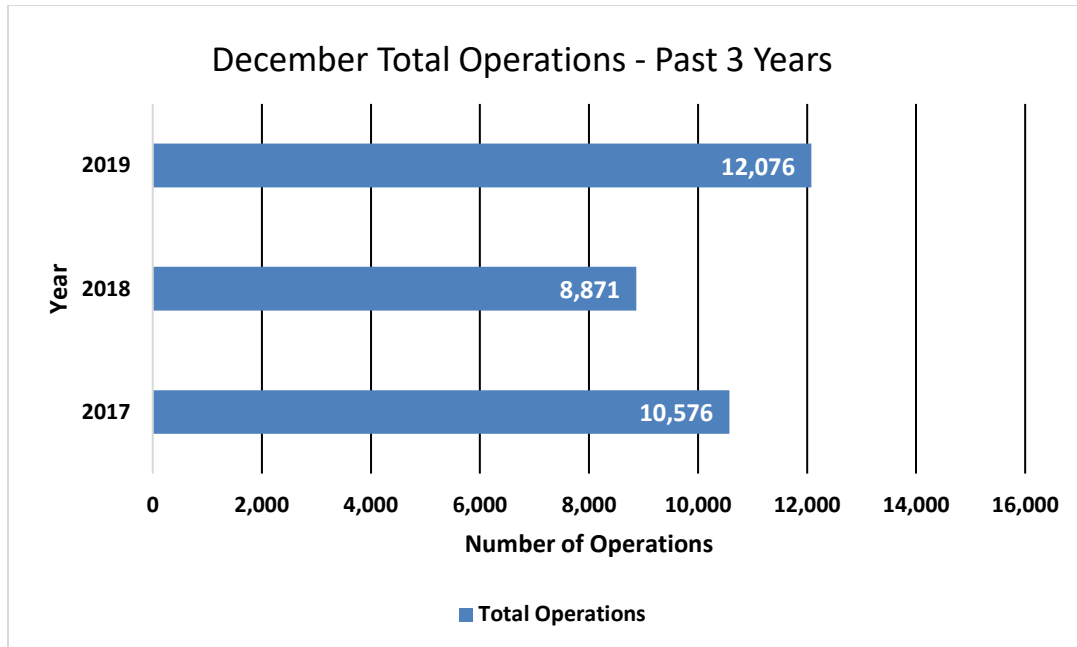
One take-off or landing. Touch-and-go counts as two operations

Non-touch-and-go (regular operations)

Operations within 20 miles of Airport

Operations that occur between the hours of 11:00 p.m. and 6:00 a.m.

December 2019 Aircraft Operations Summary

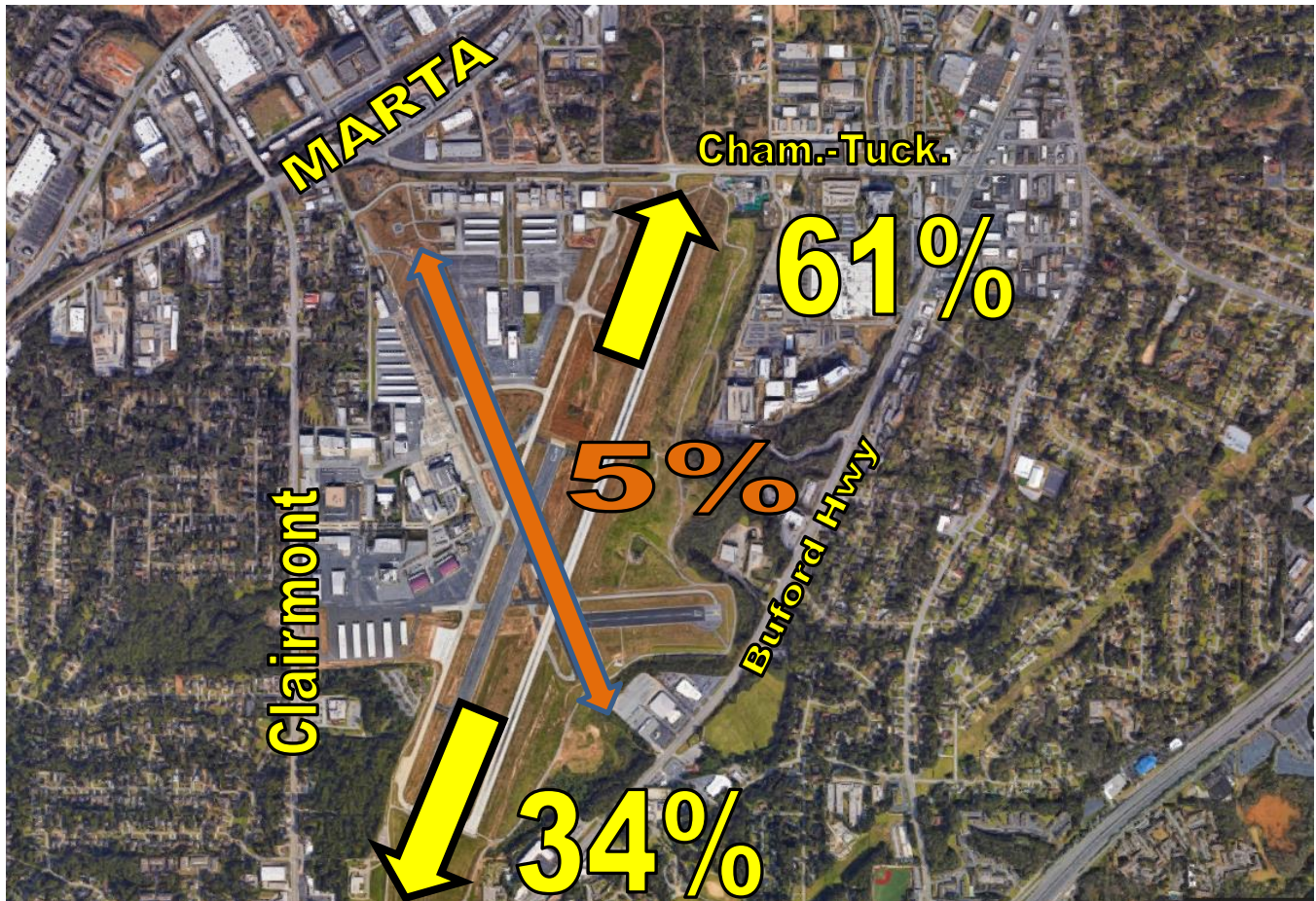


2018 Total Operations	2018 Total Operations as of Dec 2018	Total 2019 Ops as of Dec 2019
151,132	151,132	161,367 (6.77%)

2019 Operations by Month				
	Itinerant	Local	Total Tower- Recorded Operations	Voluntary Curfew
JAN	8,151	2,934	11,085	301
FEB	7,268	1,753	9,021	340
MAR	10,247	4,259	14,506	323
APR	10,119	3,347	13,466	346
MAY	10,904	4,249	15,153	358
JUN	9,634	3,910	13,544	315
JUL	10,004	4,716	14,720	300
AUG	10,642	3,060	13,702	324
SEP	10,864	4,571	15,435	373
OCT	10,337	3,682	14,019	390
NOV	10,810	3,830	14,640	365
DEC	9,589	2,487	12,076	328

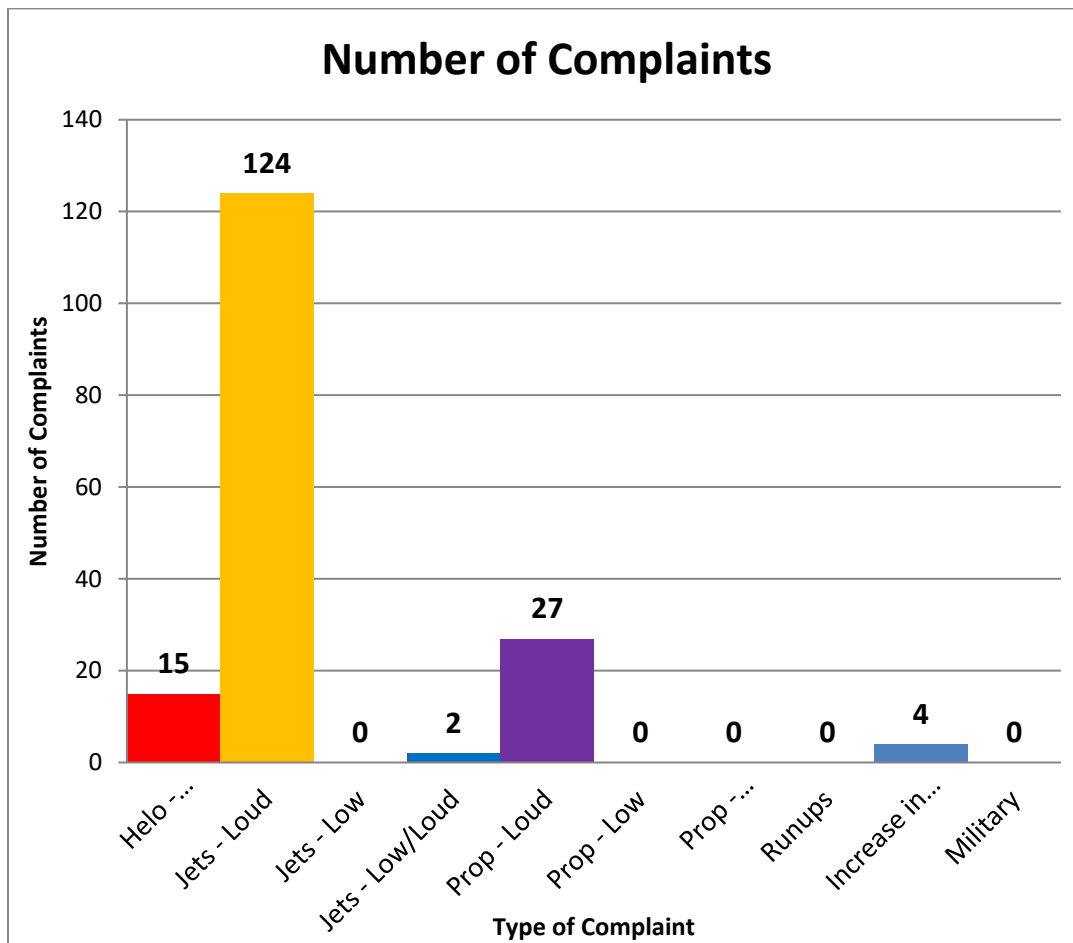
Runway Mode of Operations – December 2019

Directional use of runways has a major effect on flight patterns and the areas affected by flight operations. Weather and wind direction generally determines runway selection. When the tower is open, the FAA Air Traffic Control Tower determines the directional use of the runways. When possible, the tower will try to keep operations on a northbound flow (takeoffs and landings to the north) for noise abatement.

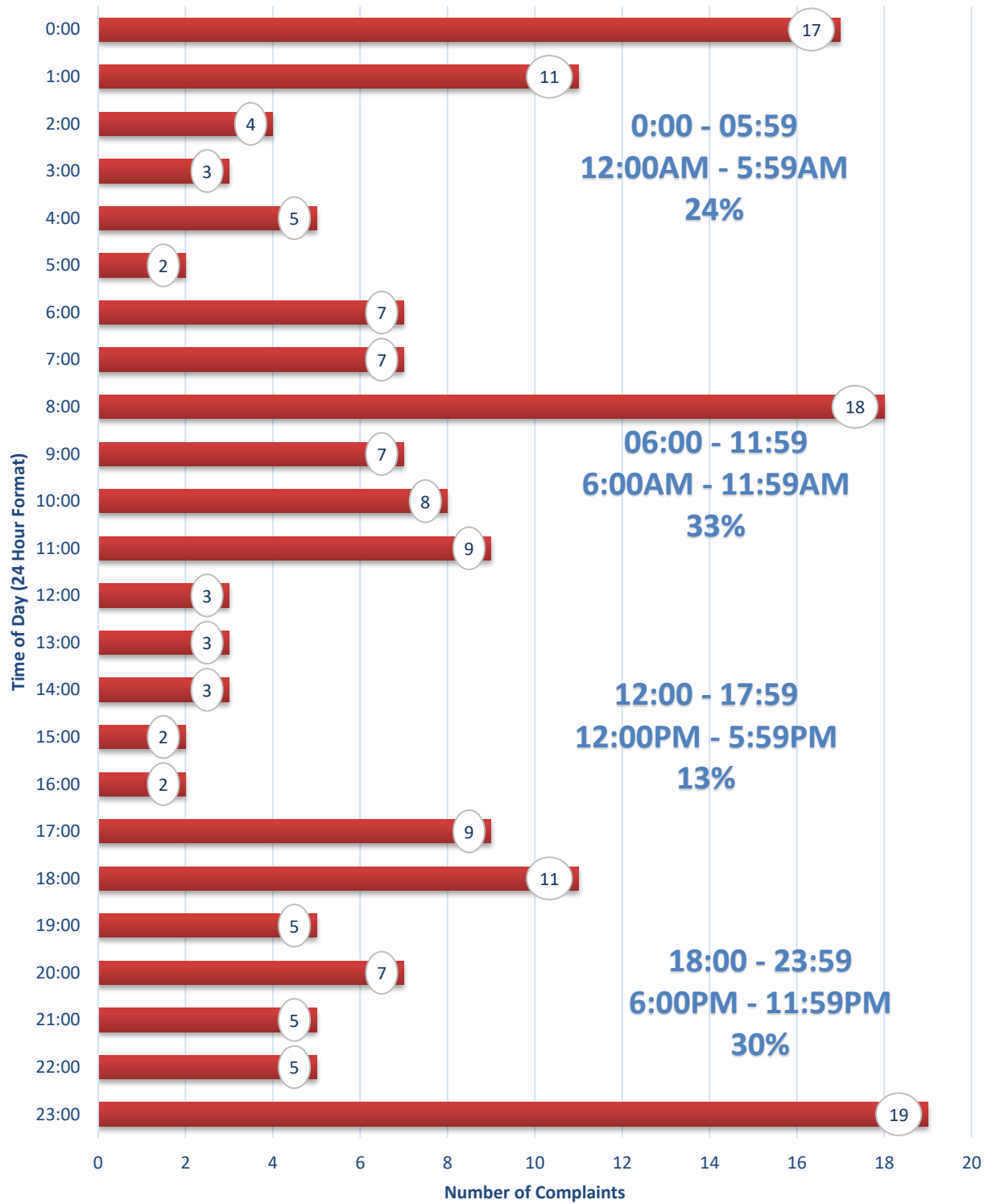


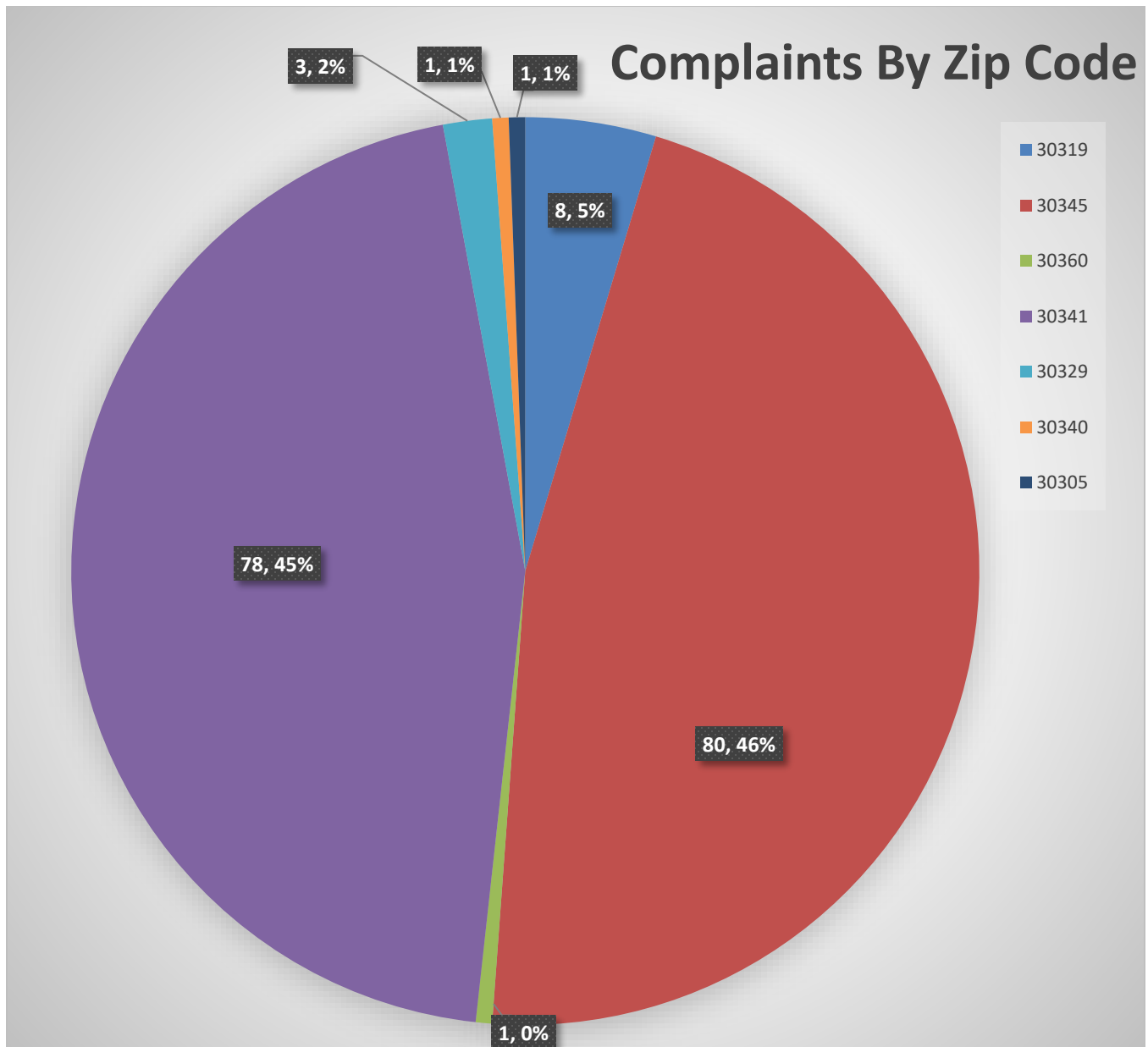
Noise Disturbance Summary

Total complaints for December 2019	Monthly Complaint Average 2019	December 2019 Complaints per Household <i>(minus top two/Households)</i>	December 2019 Complaints per Household <i>All Inclusive</i>
172	300	2.5	8.6



Number of Complaints by Hour



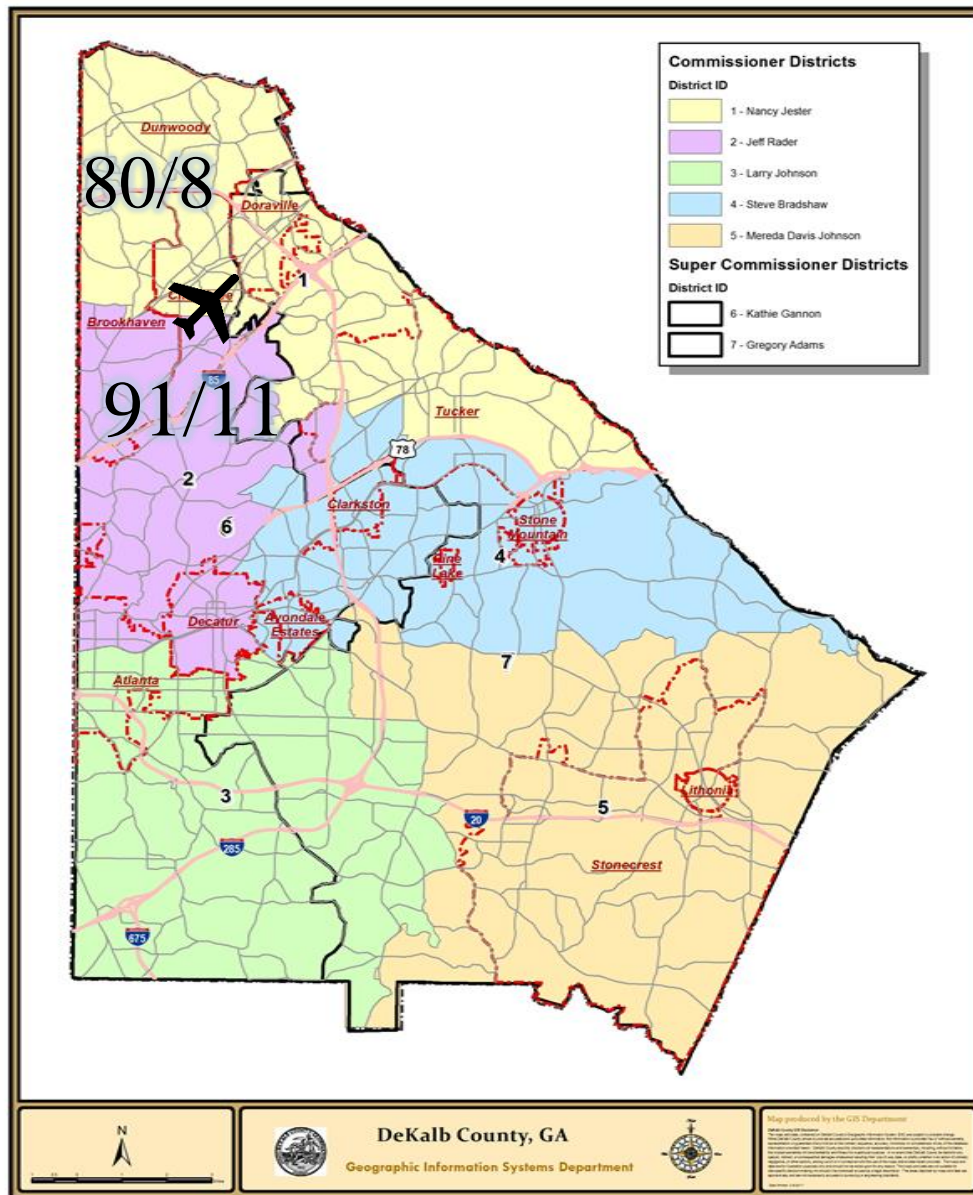


Zip Code Guide		
Zip Code	Community	% of Complaints
30319	Brookhaven	4.65%
30341	Chamblee - North	45.35%
30345	Chamblee – South	46.51%
30360	Dunwoody	0.58%
30329	North Druid Hills	1.74%
30340	Doraville	0.58%
30305	Atlanta/Garden Hills	0.58%

Complaints by Caller

Name	Address	City	Zip Code	Complaints
Schneeberg	2707 Ashford Rd, NE	Atlanta	30319	2
Nagel	3905 Winters Hill Drive	Atlanta	30360	1
Hittner	2216 Clairmont Terrace NE	Atlanta	30345	1
Gordon	1634 Knob Hill Dr NE	Atlanta	30329	3
Yates	1889 9th Street	Chamblee	30341	6
Gronde	2414 Sunset Drive NE	Atlanta	30345	1
Moss	2360 Drew Valley Rd NE	Atlanta	30319	2
Patton	3283 Buckhead Forest Mews	Atlanta	30305	1
Davidian	1806 Duke Road	Chamblee	30341	1
Runestad	2430 Field Way	Brookhaven	30319	1
Anon 30319	Drew Valley	Brookhaven	30319	1
Burns	3619 Raymond Dr	Doraville	30340	1
Penn	3039 Skyland Dr NE	Chamblee	30341	1
Mosler	1918 Gregory Run NE	Chamblee	30345	2
Anon - 2	Shallowford Rd	Chamblee	30341	17
Fox	2423 Woodacres Rd NE	Atlanta	30345	2
Anon - 1	Stratford Arms Dr	Chamblee	30341	52
Schneider	3110 Skyland Dr NE	Chamblee	30341	1
Philips	2442 Wentworth Dr NE	Atlanta	30345	74
Brooks	2743 Reddng Road NE	Brookhaven	30319	2

Complaints per Commission District






Total Number of Complaints
Total Number of Complainants

172/
20

There were 1 complainant outside of DeKalb County with 1 complaint total.

Correlation Chart of Noise Complaints to Operations

Chart Legend:

-  = Complaint + high noise event  = Complaint + PDK curfew operation
 = Complaint + high noise + PDK curfew operation

The airport correlated **161 (93.6%)** out of **172** complaints:

- **158 or 91.9%** of the noise complaints were found to be **Direct** correlations
- **3 or 1.7 %** were **Indirect** correlations to operations
- **11 or 6.4%** were **Not Correlated**.
- **Direct** = Linked to a **specific flight operation to/from PDK** over a house/monitor (NOMS or manual correlation).
- **Indirect** = **Not linked to a specific flight operation** (take-off thrust, reverse thrust; maintenance run-ups) **OR** flight operation **not originating or terminating at PDK**.
- **Not correlated** = There was no noise event and/or aircraft track based on either NOMS correlation or manual research.

Definitions:

NOMS: Noise and Operations Monitoring System

Op Type: Operation; Approach, Departure, or Overflight

Name: Name of Complainant

Offense Start: Date/Time of offense to complainant

Flight ID: Tail number of aircraft or military call sign

Flight Time: Actual Date/Time of correlated offense

NMS: Noise Monitoring Station

Rwy: Runway

LMAX: Maximum A-weighted sound level for a given event

Please contact: *Korey Barnes, Airport Noise and Environmental Analyst*, for more information regarding the PDK Good Neighbor Program at (770) 936-5440 or kbarnes@dekalbcountyga.gov.

PDK maintains a **hotline** that permits residents to report noise concerns by dialing: **(770) 936-5442** or e-mailing: pdnoise@dekalbcountyga.gov

Name	Offense Time	Flight Time	RWY	Ops	Aircraft Type	Aircraft ID	NMS	Lmax
Gordon	12/1/2019 0:13	12/1/2019 0:21	21L	A	UNKN	N407LS		
Anon - 1	12/1/2019 0:14	12/1/2019 0:21	21L	A	UNKN	N407LS		
Gordon	12/1/2019 0:53	12/1/2019 0:39	16	D	UNKN	N407LS		
Gordon	12/1/2019 1:41							
Philips	12/1/2019 11:20	12/1/2019 11:19	21L	D	BE58	N1107D		
Philips	12/1/2019 11:26	12/1/2019 11:16	21L	D	G150	N101RX	NMS03	74
Philips	12/1/2019 13:40	12/1/2019 13:29	21R	D	SR22	N904BL	NMS03	69.9
Philips	12/1/2019 13:43	12/1/2019 13:29	21R	D	SR22	N904BL	NMS03	69.9
Anon - 1	12/1/2019 14:16	12/1/2019 14:20	21L	A	GLF4	DPJ127		
Philips	12/1/2019 14:39	12/1/2019 14:33	21L	D	GLF4	N450QS	NMS03	76.7
Philips	12/1/2019 15:52	12/1/2019 15:44	21L	D	GLF4	JTL268		
Anon - 1	12/1/2019 19:45	12/1/2019 19:41	21L	D	BE40	N300GB	NMS01	70.1
Anon - 1	12/1/2019 23:08	12/1/2019 23:03	21L	D	H25B	N451CG	NMS01	73.9
Philips	12/2/2019 0:13	12/2/2019 0:13	03L	A	UNKN	N423AE	NMS03	72.4
Anon - 1	12/2/2019 6:01	12/2/2019 6:00	16	D	UNKN	N2AQ		
Philips	12/2/2019 7:02	12/2/2019 7:04	03R	A	FA50	N865PC		
Anon - 1	12/2/2019 7:41	12/2/2019 7:38	03R	D	C680	EJA320		
Anon - 1	12/2/2019 7:53	12/2/2019 7:50	03R	D	C56X	JTL560		
Anon - 1	12/2/2019 8:05	12/2/2019 8:01	03L	D	UNKN	N684AE		
Anon - 2	12/2/2019 11:03	12/2/2019 10:59	03R	D	C560	N469ES	NMS01	94.1
Anon - 2	12/2/2019 11:46	12/2/2019 11:43	03R	D	E55P	EJA351	NMS01	72.1
Anon - 2	12/2/2019 21:53	12/2/2019 21:46	03R	D	C560	N154JK	NMS01	77.7
Philips	12/2/2019 23:08	12/2/2019 23:12	03R	A	BE30	N454GC		
Anon - 2	12/2/2019 23:27	12/2/2019 23:28	UNK	D	C650	N4QN	NMS01	94.9
Anon - 2	12/3/2019 1:03	12/3/2019 0:53	03R	D	AC50	CTL67	NMS01	69.5
Anon - 2	12/3/2019 3:50	12/3/2019 3:53	03R	A	C560	N154JK		
Anon - 2	12/3/2019 4:04	12/3/2019 4:01	UNK	D	C560	N154JK	NMS01	79.7
Anon - 2	12/3/2019 4:06	12/3/2019 4:01	UNK	D	C560	N154JK	NMS01	79.7
Philips	12/3/2019 8:20	12/3/2019 8:27	03R	A	E55P	LXJ354	NMS03	72.3

Philips	12/3/2019 18:07	12/3/2019 18:11	03R	A	BE35	N351RS	NMS03	71.9
Philips	12/3/2019 18:13	12/3/2019 18:13	03R	T	UNKN	UNKNOWN	NMS03	69.9
Philips	12/3/2019 18:20	12/3/2019 18:25	03R	A	ASTR	N1UA		
Philips	12/3/2019 18:22	12/3/2019 18:28	03R	A	PC12	N134PF		
Philips	12/3/2019 20:22	12/3/2019 20:17	21L	D	F2TH	LBQ197	NMS03	82.4
Anon - 2	12/3/2019 22:36	12/3/2019 22:43	21L	A	GALX	N7FF	NMS01	88.6
Anon - 2	12/3/2019 23:07	12/3/2019 23:10	21L	A	C56X	EJA577	NMS01	91
Anon - 2	12/3/2019 23:11	12/3/2019 23:10	21L	A	C56X	EJA577	NMS01	91
Anon - 2	12/4/2019 0:48	12/4/2019 0:43	03R	D	AC50	CTL67	NMS01	70.5
Anon - 2	12/4/2019 1:46	12/4/2019 1:46	16	D	FA50	N777ZL		
Anon - 2	12/4/2019 7:20	12/4/2019 7:13	03R	D	GLEK	TWY825	NMS01	68.4
Anon - 2	12/4/2019 8:08	12/4/2019 8:02	03R	D	CL30	FWK945	NMS01	68.9
Anon - 2	12/4/2019 16:36	12/4/2019 16:35	03R	D	GLF4	LXJ450		
Schneeberg	12/4/2019 16:40	12/4/2019 16:21	UNK	O	UNKN	UNKNOWN		
Anon - 2	12/4/2019 17:23	12/4/2019 17:07	03R	D	C560	N910HM	NMS01	87.8
Anon - 1	12/4/2019 18:56	12/4/2019 18:51	03R	D	FA50	EJM54		
Anon - 1	12/4/2019 22:17	12/4/2019 21:48	21R	D	E55P	N302GV		
Mosler	12/5/2019 1:30	12/5/2019 1:20	03R	A	C560	N900PS		
Anon - 1	12/5/2019 1:37	12/5/2019 1:31	03R	D	C560	N900PS	NMS01	72.4
Philips	12/5/2019 7:11	12/5/2019 7:10	03R	A	E50P	N851RV		
Anon - 1	12/5/2019 7:58	12/5/2019 7:51	03R	D	C68A	EJA692	NMS01	75
Penn	12/6/2019 0:11	12/6/2019 0:14	03L	A	UNKN	UNKNOWN	NMS03	70
Philips	12/6/2019 1:35							
Mosler	12/6/2019 1:37							
Philips	12/6/2019 2:41	12/6/2019 2:41	03L	A	PC12	SKQ43	NMS03	71.5
Philips	12/6/2019 8:52	12/6/2019 8:59	03R	A	CL60	N650LC		
Philips	12/6/2019 8:55	12/6/2019 9:02	03R	A	C68A	BOG74		
Anon - 1	12/6/2019 10:34	12/6/2019 10:34	03R	T	UNKN	N2194K	NMS01	72
Philips	12/6/2019 18:02	12/6/2019 17:50	21L	D	F2TH	N707MT	NMS03	70.1

Philips	12/6/2019 18:21	12/6/2019 18:15	21L	D	C25B	N341N		
Philips	12/6/2019 18:30	12/6/2019 18:20	21L	D	C550	N21UA	NMS03	75.6
Philips	12/6/2019 18:38	12/6/2019 18:26	21L	D	GLEX	EJA148P	NMS03	81.5
Philips	12/6/2019 18:56	12/6/2019 18:49	21L	D	C421	N382BW	NMS03	83.2
Anon - 1	12/6/2019 22:52	12/6/2019 22:51	21L	D	GLF5	N768JJ		
Anon - 1	12/6/2019 23:47	12/6/2019 23:43	21L	A	CL30	N350RL	NMS01	87.9
Philips	12/7/2019 0:46	12/7/2019 0:44	03R	D	AC50	CTL67		
Anon - 1	12/7/2019 0:46	12/7/2019 0:45	21L	A	GLF3	N62MV	NMS01	91.6
Gronde	12/7/2019 0:46							
Philips	12/7/2019 1:39	12/7/2019 1:38	21L	D	GLF3	N62MV	NMS03	91.2
Hittner	12/7/2019 1:39							
Philips	12/7/2019 2:19	12/7/2019 2:20	03L	A	UNKN	N445CH	NMS03	71.6
Philips	12/7/2019 2:53	12/7/2019 2:49	UNK	D	UNKN	N445CH	NMS03	66.5
Anon - 1	12/7/2019 6:14	12/7/2019 6:23	21L	A	H25B	N802WJ	NMS01	79.2
Philips	12/7/2019 12:19	12/7/2019 12:19	03R	A	PC12	DCM1610	NMS03	71.5
Philips	12/7/2019 12:21	12/7/2019 12:22	03R	A	B350	N268LB		
Philips	12/8/2019 10:23	12/8/2019 10:23	03R	A	BE20	N424TT	NMS03	73.9
Anon - 1	12/8/2019 23:18	12/8/2019 23:14	03R	A	C56X	EJA686		
Anon - 1	12/9/2019 4:26	12/9/2019 4:39	03L	A	E55P	N302GV	NMS01	85.6
Philips	12/9/2019 8:11	12/9/2019 8:15	21R	D	LJ35	N880Z		
Philips	12/9/2019 8:18	12/9/2019 8:15	21R	D	LJ35	N880Z		
Philips	12/9/2019 8:27	12/9/2019 8:19	21L	D	C680	EJA311	NMS03	74.8
Philips	12/9/2019 8:28	12/9/2019 8:19	21L	D	C680	EJA311	NMS03	74.8
Philips	12/9/2019 8:37	12/9/2019 8:33	21L	D	G150	N428JD	NMS03	76.5
Nagel	12/9/2019 19:35	12/9/2019 19:37	21L	A	GLF4	LXJ457		
Philips	12/9/2019 20:44	12/9/2019 20:36	21L	D	GLF5	N261BW	NMS03	83.8
Philips	12/9/2019 20:54	12/9/2019 20:49	21L	D	LJ60	FTD508		
Philips	12/9/2019 20:58	12/9/2019 20:52	21L	D	GLF5	N102DZ	NMS03	75.7
Anon - 1	12/10/2019 0:55	12/10/2019 0:49	03R	D	AC50	CTL67	NMS01	86.5

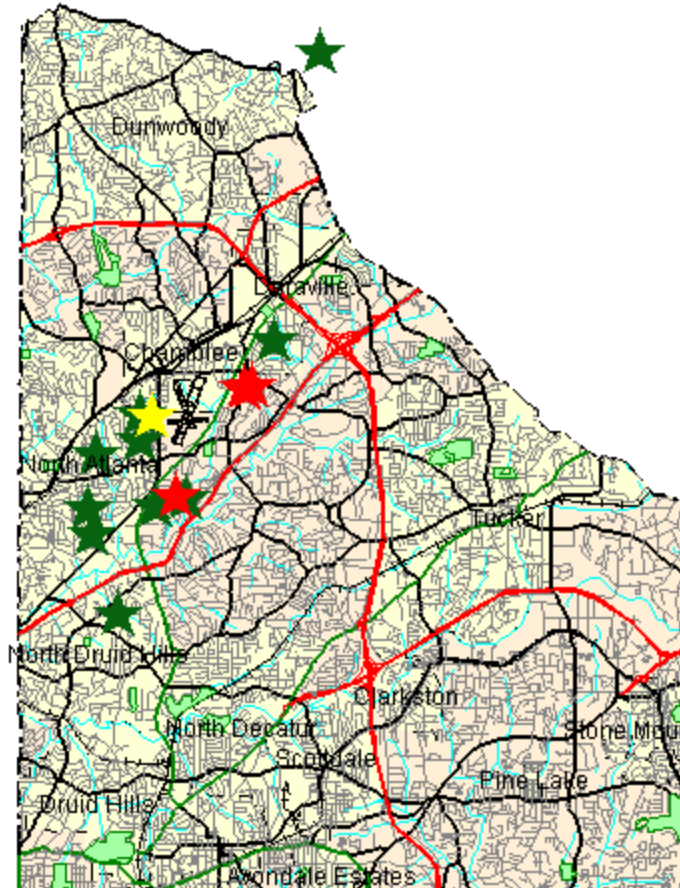
Philips	12/10/2019 0:55	12/10/2019 0:55	21L	D	GLF3	N62MV	NMS03	90.9
Yates	12/10/2019 0:56	12/10/2019 0:49	03R	D	AC50	CTL67		
Patton	12/10/2019 1:00	12/10/2019 0:55	21L	D	GLF3	N62MV		
Anon - 1	12/10/2019 6:03	12/10/2019 6:01	16	D	UNKN	N6QP		
Philips	12/10/2019 8:44	12/10/2019 8:31	21L	D	CL35	EJA707	NMS03	74.1
Philips	12/10/2019 9:08	12/10/2019 8:56	21L	D	HDJT	N10XN	NMS03	77.1
Schneider	12/10/2019 11:19							
Philips	12/10/2019 17:57	12/10/2019 18:05	03R	A	B350	N327R	NMS03	70.7
Philips	12/10/2019 20:29	12/10/2019 20:32	03R	A	GLF5	N933H	NMS03	71.5
Anon - 1	12/10/2019 23:11	12/10/2019 23:11	03R	D	LJ45	GRN146	NMS01	83.4
Davidian	12/11/2019 0:54	12/11/2019 0:52	03R	D	AC50	CTL67		
Anon - 1	12/11/2019 3:22	12/11/2019 3:22	03R	A	GLEK	N683GA		
Philips	12/11/2019 8:42	12/11/2019 8:34	UNK	O	UNKN	UNKNOWN	NMS03	70.8
Anon - 1	12/11/2019 17:00	12/11/2019 16:47	03R	D	PC12	N755EM	NMS01	68.3
Yates	12/11/2019 17:01	12/11/2019 17:02	UNK	A	UNKN	UNKNOWN		
Anon - 1	12/11/2019 17:19	12/11/2019 17:13	03R	D	GLF4	PRD7	NMS01	70.2
Anon - 1	12/11/2019 22:04	12/11/2019 21:55	03R	D	C560	N900PS		
Anon - 1	12/12/2019 0:34	12/12/2019 0:33	03R	D	AC50	CTL67	NMS01	84
Anon - 1	12/12/2019 0:41	12/12/2019 0:31	03R	D	GLF6	N270LE	NMS01	69.6
Anon - 1	12/12/2019 5:57	12/12/2019 5:57	UNK	D	UNKN	N2AQ		
Brooks	12/12/2019 8:24							
Philips	12/12/2019 20:58	12/12/2019 20:51	21L	D	BE40	N472GJ	NMS03	83.2
Philips	12/12/2019 21:44	12/12/2019 21:19	21L	D	CL30	N293HC	NMS03	71

Philips	12/12/2019 21:48	12/12/2019 21:42	21L	D	CL30	N358MH	NMS03	82.4
Philips	12/12/2019 22:33	12/12/2019 22:22	21L	D	HDJT	N430DC	NMS03	76.6
Anon - 1	12/12/2019 23:42	12/12/2019 23:50	03R	A	C56X	N343CC	NMS01	70
Philips	12/13/2019 8:45	12/13/2019 8:18	21L	D	C560	N500FZ	NMS03	82.5
Philips	12/13/2019 8:55	12/13/2019 8:49	21L	D	CL35	N350KM	NMS03	75.7
Philips	12/13/2019 9:05	12/13/2019 8:58	21L	D	LJ60	N275HZ		
Philips	12/13/2019 9:27	12/13/2019 9:21	21L	D	GLF4	N444QC		
Philips	12/13/2019 9:34	12/13/2019 9:27	21L	D	PC12	N401SM	NMS03	80.8
Philips	12/13/2019 19:19	12/13/2019 19:16	21L	D	C550	N425TR	NMS03	75.7
Anon - 1	12/13/2019 23:23	12/13/2019 23:38	21L	A	C56X	JTL242	NMS01	91.3
Anon - 1	12/14/2019 0:37	12/14/2019 0:36	03R	D	AC50	CTL67	NMS01	83.4
Philips	12/14/2019 10:14	12/14/2019 10:11	21L	D	C56X	GAJ509	NMS03	83.7
Brooks	12/14/2019 10:18							
Runestad	12/14/2019 19:33	12/14/2019 19:25	21L	D	C560	N953F	NMS02	76.4
Anon - 1	12/14/2019 23:22	12/14/2019 23:24	UNK	A	UNKN	UNKNOWN	NMS01	67.4
Anon - 1	12/15/2019 1:10	12/15/2019 1:13	21L	A	C560	N154JK	NMS01	88.3
Anon - 1	12/15/2019 4:03	12/15/2019 3:58	21L	D	C560	N154JK	NMS01	75.9
Anon - 1	12/15/2019 6:15	12/15/2019 6:05	UNK	D	SR22	N705CC	NMS01	81.9
Anon - 1	12/15/2019 6:22	12/15/2019 6:24	21L	A	C650	N400WK	NMS01	87.3
Anon - 1	12/15/2019 6:36	12/15/2019 6:34	03L	D	C172	N885GT	NMS01	74.7
Philips	12/15/2019 14:06	12/15/2019 13:53	21L	D	H25B	N499PA	NMS03	75.2
Anon - 1	12/15/2019 23:32	12/15/2019 23:25	21L	D	C208	N208LS		
Moss	12/15/2019 23:37	12/15/2019 23:25	21L	D	C208	N208LS		

Yates	12/16/2019 8:51	12/16/2019 8:51	21L	A	C560	N228PG		
Yates	12/16/2019 18:44	12/16/2019 18:44	21L	A	PA44	N254AT		
Philips	12/17/2019 9:34	12/17/2019 9:30	21L	D	GLF3	N500GF		
Anon - 1	12/17/2019 17:35	12/17/2019 17:22	03R	D	F2TH	N1925	NMS01	68.2
Burns	12/17/2019 21:07	12/17/2019 20:57	UNK	O	UNKN	COBB022		
30319	12/18/2019 11:55							
Anon - 1	12/18/2019 23:10	12/18/2019 23:22	03R	A	F900	EJM904		
Anon - 1	12/18/2019 23:18	12/18/2019 23:08	03R	D	F2TH	N669HP	NMS01	84.6
Schneeberg	12/19/2019 17:02	12/19/2019 16:59	03L	A	UNKN	N18841		
Anon - 1	12/20/2019 0:48	12/20/2019 0:47	03R	D	AC50	CTL67	NMS01	89.2
Anon - 1	12/20/2019 6:01	12/20/2019 6:06	21L	A	BE20	N991SU	NMS01	89.3
Anon - 1	12/20/2019 23:37	12/20/2019 23:30	03R	D	C650	N400WK	NMS01	92.2
Anon - 1	12/20/2019 23:39	12/20/2019 23:30	03R	D	C650	N400WK	NMS01	92.2
Moss	12/21/2019 5:34	12/21/2019 5:41	34	A	UNKN	N434AM	NMS02	74.6
Fox	12/21/2019 8:00	12/21/2019 7:46	21L	D	BE30	N369MK	NMS03	72.9
Philips	12/21/2019 11:15	12/21/2019 11:12	21L	D	E55P	N306GV	NMS03	75.7
Philips	12/21/2019 17:49	12/21/2019 17:47	21L	D	F900	N544CM	NMS03	86.8
Philips	12/21/2019 21:43	12/21/2019 21:39	21L	D	GALX	N819AP	NMS03	75.2
Fox	12/22/2019 3:51	12/22/2019 3:51	03R	A	BE9L	N329GS	NMS03	79
Philips	12/23/2019 20:58	12/23/2019 20:51	21L	D	BE40	RVJ303	NMS03	85.7
Anon - 1	12/25/2019 19:51	12/25/2019 19:48	16	T	UNKN	N296AE		
Yates	12/27/2019 8:54	12/27/2019 8:53	03R	D	CL60	N650LC		
Philips	12/28/2019 7:29	12/28/2019 7:23	21L	D	C680	EJA364	NMS03	76.6

Philips	12/28/2019 9:57	12/28/2019 9:57	21L	D	F900	N116RW		
Philips	12/28/2019 9:58	12/28/2019 9:52	21L	D	BE40	TMC493		
Philips	12/28/2019 10:01	12/28/2019 9:52	21L	D	BE40	TMC493		
Philips	12/28/2019 10:18	12/28/2019 10:11	21L	D	C650	N304PC	NMS03	82.4
Anon - 1	12/28/2019 15:12	12/28/2019 15:12	UNK	A	UNKN	UNKNOWN		
Philips	12/29/2019 10:34	12/29/2019 10:30	21R	D	BE36	N2317V	NMS03	82.2
Philips	12/29/2019 10:49	12/29/2019 10:46	21L	D	GLF5	N820HB	NMS03	76
Philips	12/29/2019 11:01	12/29/2019 11:01	21L	D	C560	N826AC	NMS03	83.1
Philips	12/29/2019 11:20	12/29/2019 11:13	21L	D	C650	N269TA	NMS03	82.2
Philips	12/29/2019 12:05	12/29/2019 12:04	21L	D	FA10	N34TJ		
Yates	12/29/2019 13:41	12/29/2019 13:39	21R	D	SR22	N61GT		
Anon - 1	12/29/2019 23:10	12/29/2019 23:18	8R	D	A321	UNKNOWN		
Philips	12/30/2019 2:05	12/30/2019 1:58	21L	D	BE20	EMD28	NMS03	74.3
Anon - 1	12/30/2019 4:17							
Anon - 1	12/30/2019 17:53	12/30/2019 17:52	21L	D	BE40	N472GJ	NMS01	68
Anon - 1	12/31/2019 23:11							

Disturbance Location Pin Map – December 2019



1-5 Complaints



6-10 Complaints



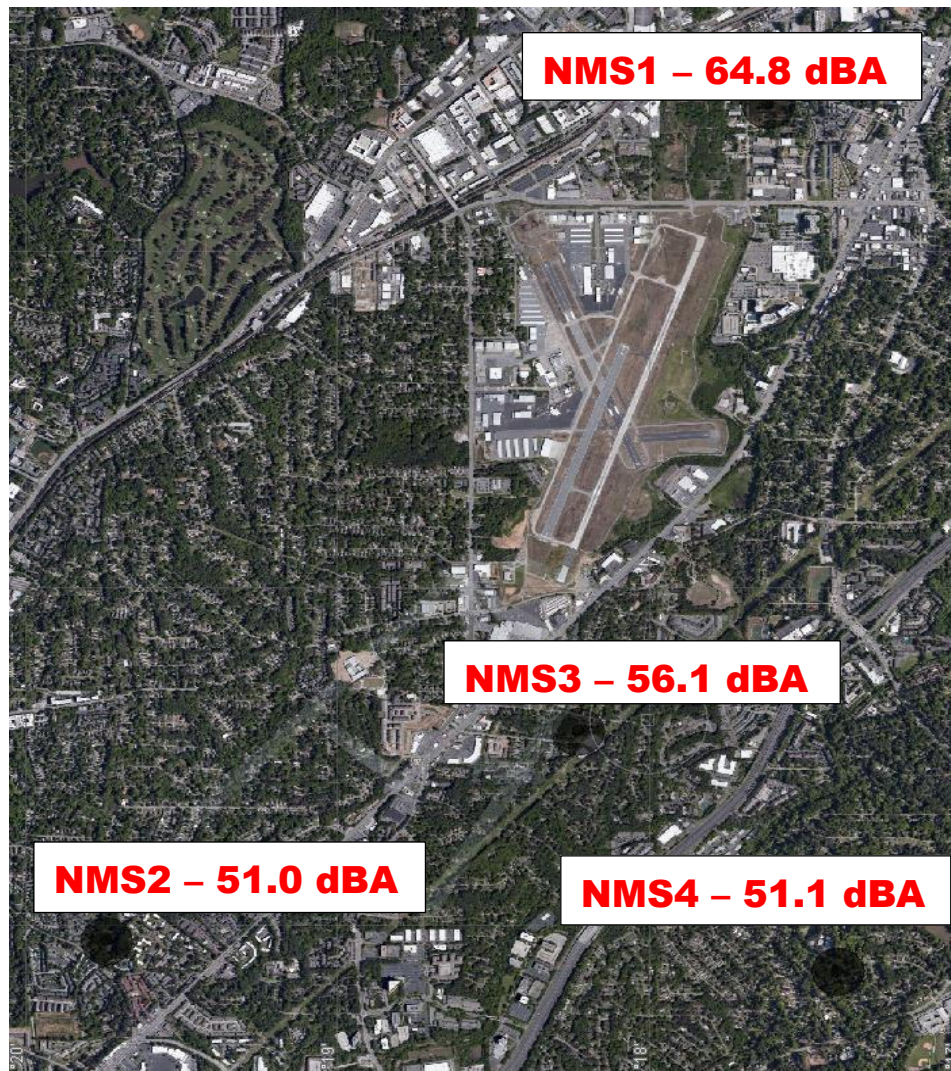
11+ Complaints

Complainants with Complaints Total

(1 Complainant(s) outside of DeKalb County)

Monthly Noise Levels at Monitors

December 2019



Noise Terminology

- *Decibels (dB) are the unit of measurement on the loudness scale. Decibels that a human can hear are called “A-weighted” or “dBA” on the sound frequency scale.*
- *The decibel scale is logarithmic, not linear. The smallest detectable change 1 dB; 3 dB for a human is readily detectable; 10 dB seems twice as loud.*
- *Lmax – The maximum A-weighted sound level for a given event – the highest level registered on the scale or meter; is not related to the duration for the event.*
- *DNL – A 24-hour time-averaged sound exposure level. It is the noise metric of choice in aircraft sound level measurement. It is also used to define noise contours of equal exposure. All Federal agencies have adopted DNL (LDNA) as the metric for airport noise analysis. (Day Night Level) (Day Night Level A-weighted)*

- *Leq* – The steady A-weighted sound level over any specified period. It is used to identify the average sound level over a given period of time.

Voluntary Curfew Operations & Operators Summary/Letter Status

Operations Summary:

The airport identified a total of **320 (97.6%)** of the **328** operations during the voluntary curfew period (11PM-6AM) during the month of **December 2019**. Of the **320** identified operations, **178 (55.6%)** were classified as **medical transport (e.g., Med-Evac) or other critical flights**. These aircraft are identified in **red bold font** below.

- Out of the *identified* operations, **87 one-time** operations were conducted during this period.
- Out of the *identified* operations, **233 multi-time** operations were conducted during this period, (i.e., sum of all aircraft operations in which an aircraft flew more than once during the voluntary curfew).

Operators Identified / Multi-Use:

130 operators were identified using the airport during the voluntary curfew period (does not include unknown aircraft).

43 operators were identified using the airport during the voluntary curfew period for 2 or more times during the month.

19 multi-use operators were identified as Med-Evac and/or emergency flights.

Complaints received from operations conducted during the voluntary curfew period:

172 complaints were received during **December 2019**.

61 complaints were received for operations conducted during the voluntary curfew period (**including** those complaints that were found to be non-correlated or indirect).

This Month – December 2019 N#'s (Multi-Use):

28 Aircraft with 2 Operations (EJA557, JCM718, FTD508, N187MR, MDKT278, N533GT, N222NB, N777ZL, N270LE, SCM77, N2SW, **N525LX**, N302GV, N54J, **N329GS**, N6919J, **N395AE**, **N777WY**, **N407LS**, N77WW, **N423AE**, N918AM, **SKQ66**, **CTE66**, N454GC, JTL560, N49KW, N401SM)

1 Aircraft with 3 Operations (N62MV)

3 Aircraft with 4 Operations (**N900PS**, **N726SF**, **CTE491**)

2 Aircraft with 5 Operations (**CTE615**, **EMD28**)

3 Aircraft with 6 Operations (N355AE, **SKQ43**, **CTE816**)

1 Aircraft with 7 Operations (N154JK)

1 Aircraft with 9 Operations (N2AQ)

1 Aircraft with 10 Operations (**N445CH**)

1 Aircraft with 24 Operations (**SKQ44**)

1 Aircraft with 39 Operations (**CTL67**)

1 Aircraft with 45 Operations (**N208LS**)

Last Month – November 2019 N#'s (Multi-Use):

44 Aircraft with 2 Operations (**N684AE**, N405EH, **N900PS**, N100YB, **N505GJ**, N102SW, N791CP, N103AV, N390BR, **CTE816**, EJA759, N131EA, **EMD28**, N133PE, FTD509, N154JK, N7FF, N165AE, DCM6855, N16PC, N404HG, N187MR, N43TA, N1925, N469ES, N192SA, N540CB, N952RB, **N663SF**, N979AZ, N6919J, **CTL66**, FTD510, **CTE615**, N797MM, N2QU, JTL821, **SKQ43**, LXJ407, CWG996, N993SG, SIS648, N280PC, N304PC)

2 Aircraft with 3 Operations (N735XL, N200WL)

1 Aircraft with 13 Operations (**N445CH**)

1 Aircraft with 4 Operations (**N777WY**)

1 Aircraft with 36 Operations (**SKQ44**)

2 Aircraft with 5 Operations (N2AQ, **N985CR**)

1 Aircraft with 40 Operations (**CTL67**)

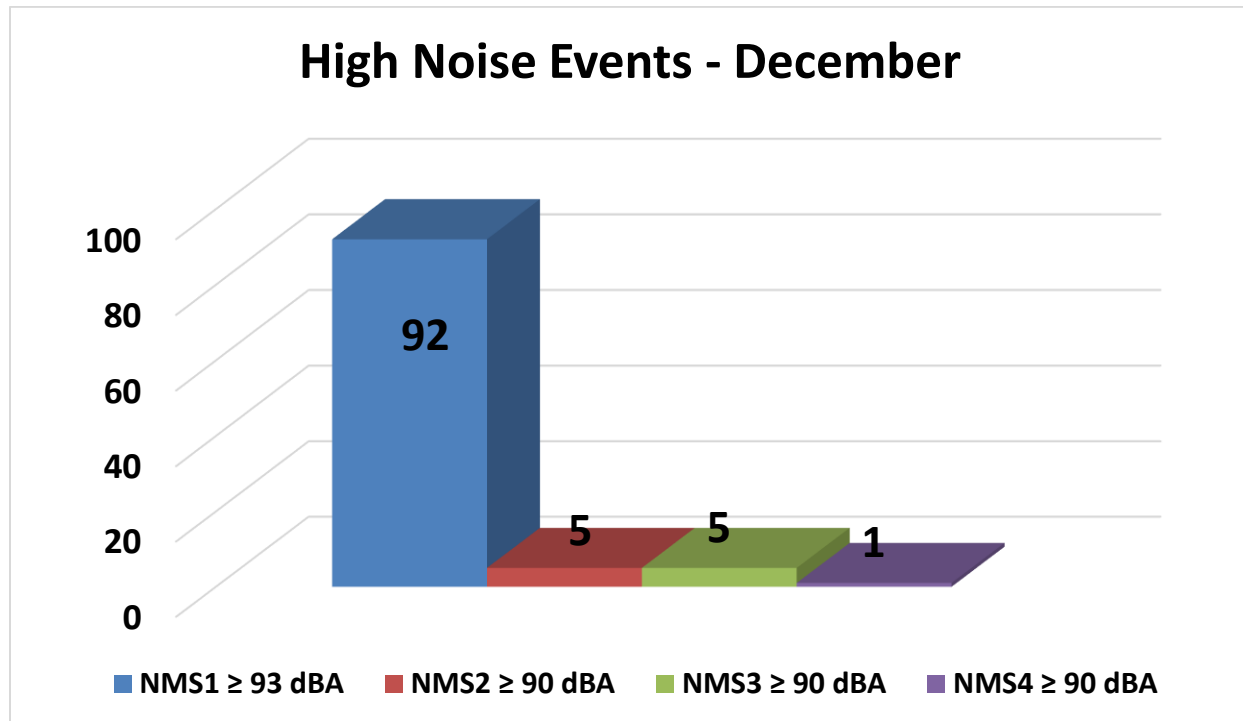
1 Aircraft with 7 Operations (N577XW)

2 Aircraft with 8 Operations (**N117CH**, **CTE491**)

A total of **146** advisory letters were sent to aircraft operators flying during the voluntary curfew period in the month of **December** who were not identified as Med-Evac and/or other emergency flights.

High Noise Event Threshold

The high noise event threshold was developed to work with pilots in methods and techniques that could reduce aircraft noise levels in and around PDK and its residential areas. Noise Monitoring Station (NMS) 1 is located in a commercial district and is set at **93 dBA Lmax** or greater. All other monitors, NMS2, 3, & 4 are located in residential areas and are set at **90 dBA Lmax** or greater. A Total of **94** advisory letters were sent out this month for aircraft identified as Exceeding PDK's high noise event threshold.



December 2019

63 Aircraft with 1 High Noise Event (N531MB, N791CP, N681GH, N220LE, N917MS, EDG84, N603A, N241DE, N740PC, DCM4068, N8343Y, HRC395, PVO752, N309CJ, N560TP, N31ST, N1360C, N327R, N6KE, CGPOP, N74TB, 32MJ, N80XX, JTL, 58, N880Z, N349SB, N964C, N375GK, N210CM, N3VF, N550DX, N405HR, N600LY, N40PC, N604XT, N414K, N64892, N426JN, N685BC, LXJ550, N173PA, N442GJ, N74825, TMC460, N7664F, BKA771, N79SE, N103AV, N826LJ, N490JC, N860CR, N10RU, N900QC, DPJ753, N958HC, N4QN, N200WL, N122AA, TMC450, N500GF, N502TN, N444QC, N445QS)

13 Aircraft with 2 High Noise Events (N469ES, JTL480, N49KW, N224FD, N428JD, N500FZ, N499PA, EJA599, DCM4212, N979CM, N73924, N304PC, N329GS)

4 Aircraft with 3 High Noise Events (N330WR, N62MV, N116RW, N27GA)

2 Aircraft Unknown

November 2019

40 Aircraft with 1 High Noise Event (N716LD, N609MH, N119RP, N78CY, N384D, N197JS, N12QP, N696A, N418TM, N768A, N428JD, N210CM, N442MS, N187MR, N444QC, N599H, N10RU, N68FP, N14HX, N711P, N79SE, N732WB, N156RE, N77ME, N838FL, N791CP, N899, N905LC, N800WH, N499PA, N885TR, N500FZ,

N8998N, N953F, N115TL, N963CH, TRL0T6T, N5000RP, JET1, N541CX)

7 Aircraft with 2 High Noise Events (N469ES, N569HA, N800EM, N342JP, N58DH, N408GJ, N480M)

2 Aircraft with 3 High Noise Events (N44HB, N500GF)

2 Aircraft Unknown

Comments/Concerns?

Please visit www.pdkairport.org for airport information. You may also contact the airport about noise concerns at pdknoise@dekalbcountyga.gov or call the noise hotline at (770) 936-5442.