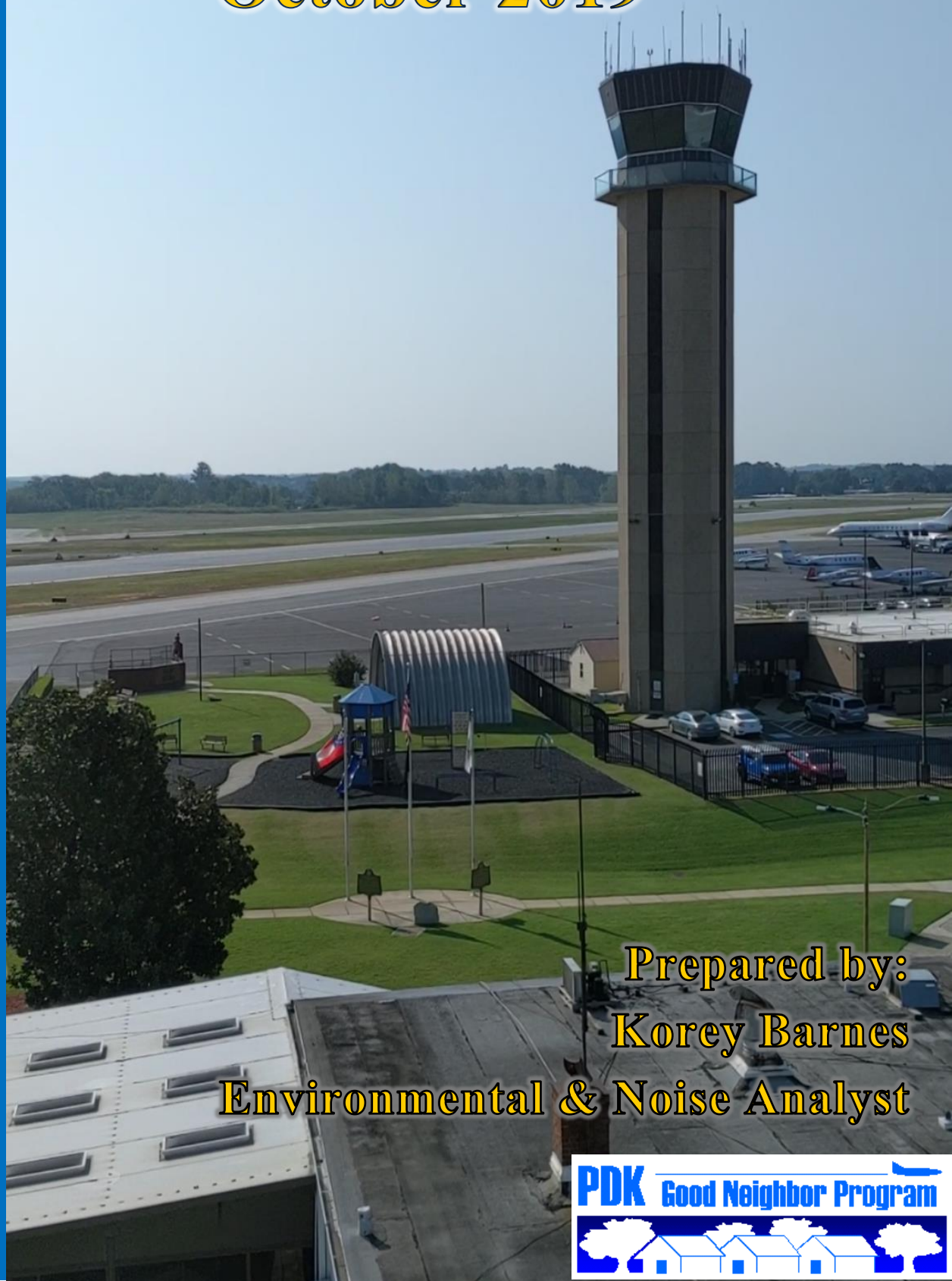


# Monthly Noise Report

## October 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.

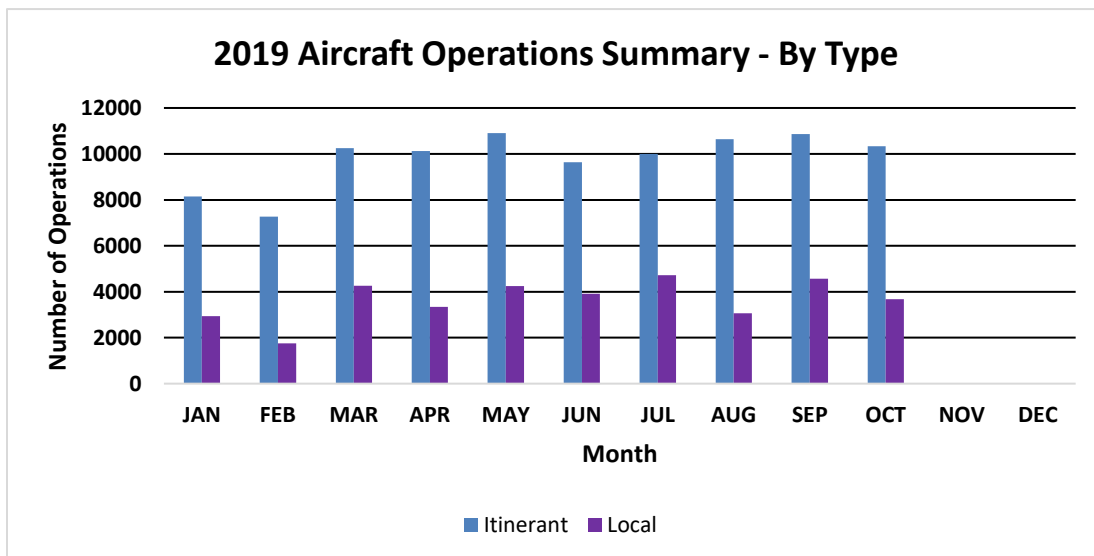
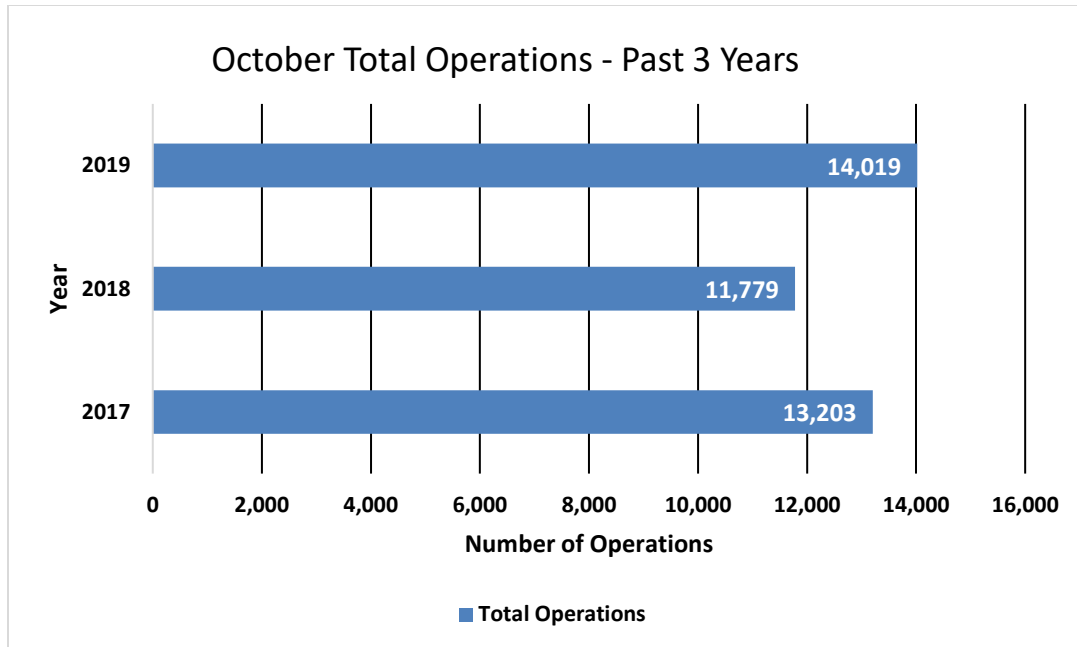
## October 2019 Aircraft Operations:

	<b>This Month</b>	This Month, Last Year (October 2018)	% Change from October 2018	5-Year Average for Month
Total Operations	<b>14,019</b>	<b>11,779</b>	<b>19.02%</b>	<b>13,304</b>
Itinerant	<b>10,337</b>	<b>9,004</b>	<b>14.80%</b>	<b>10,235</b>
Local	<b>3,682</b>	<b>2,775</b>	<b>32.68</b>	<b>3,070</b>
Voluntary Curfew Ops	<b>390</b>	<b>142</b>	<b>174.65%</b>	<b>325</b>
Prior Authorization	<b>136</b>	<b>(27)</b> Noise disturbance calls associated with these flights. <b>(6)</b> 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.**

# October 2019 Aircraft Operations Summary



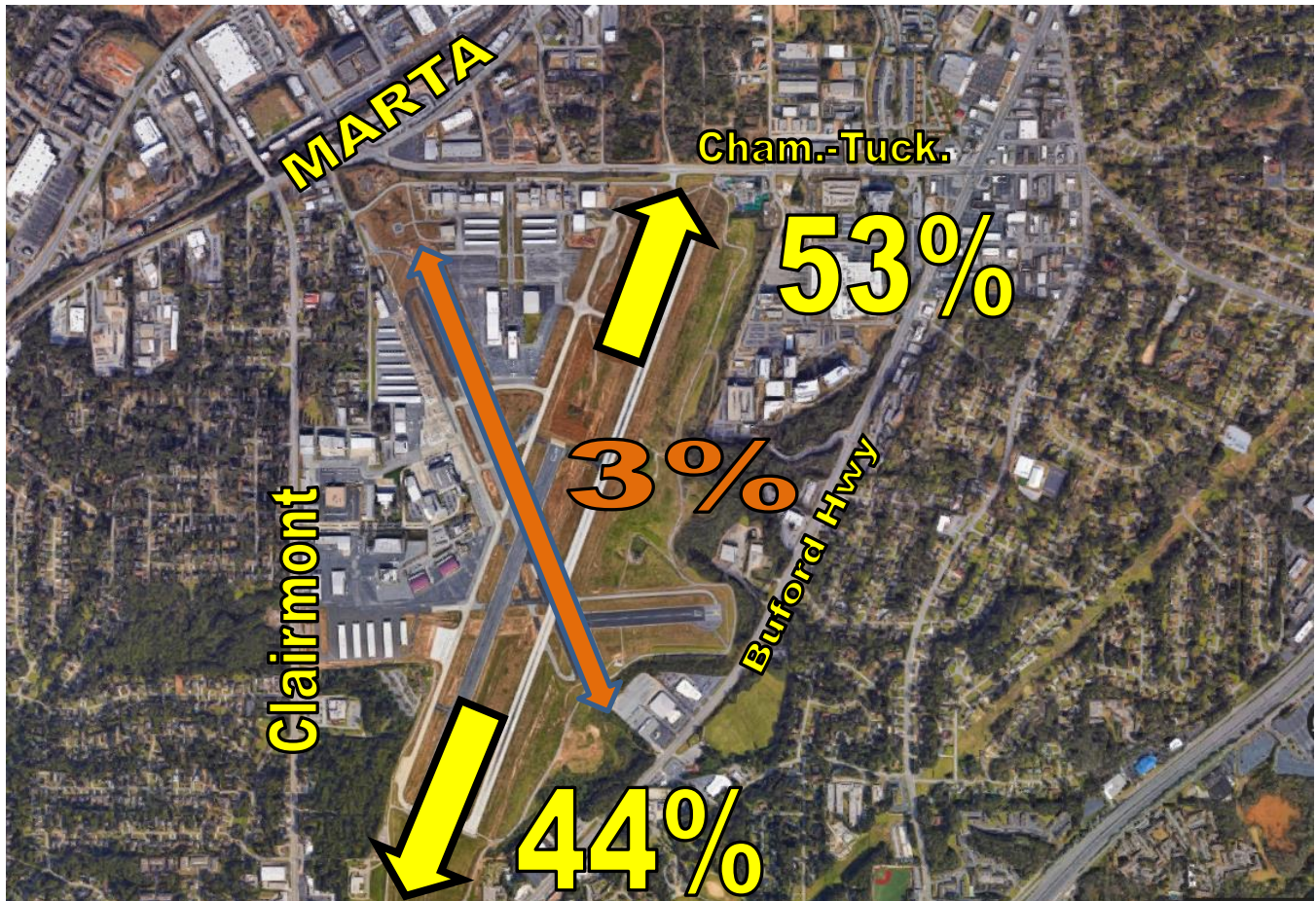
<b>2018 Total Operations</b>	<b>2018 Total Operations as of Oct 2018</b>	<b>Total 2019 Ops as of Oct 2019</b>
151,132	134,442	134,651 (0.16%)

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
<b>OCT</b>	<b>10,337</b>	<b>3,682</b>	<b>14,019</b>	<b>390</b>
NOV				
DEC				



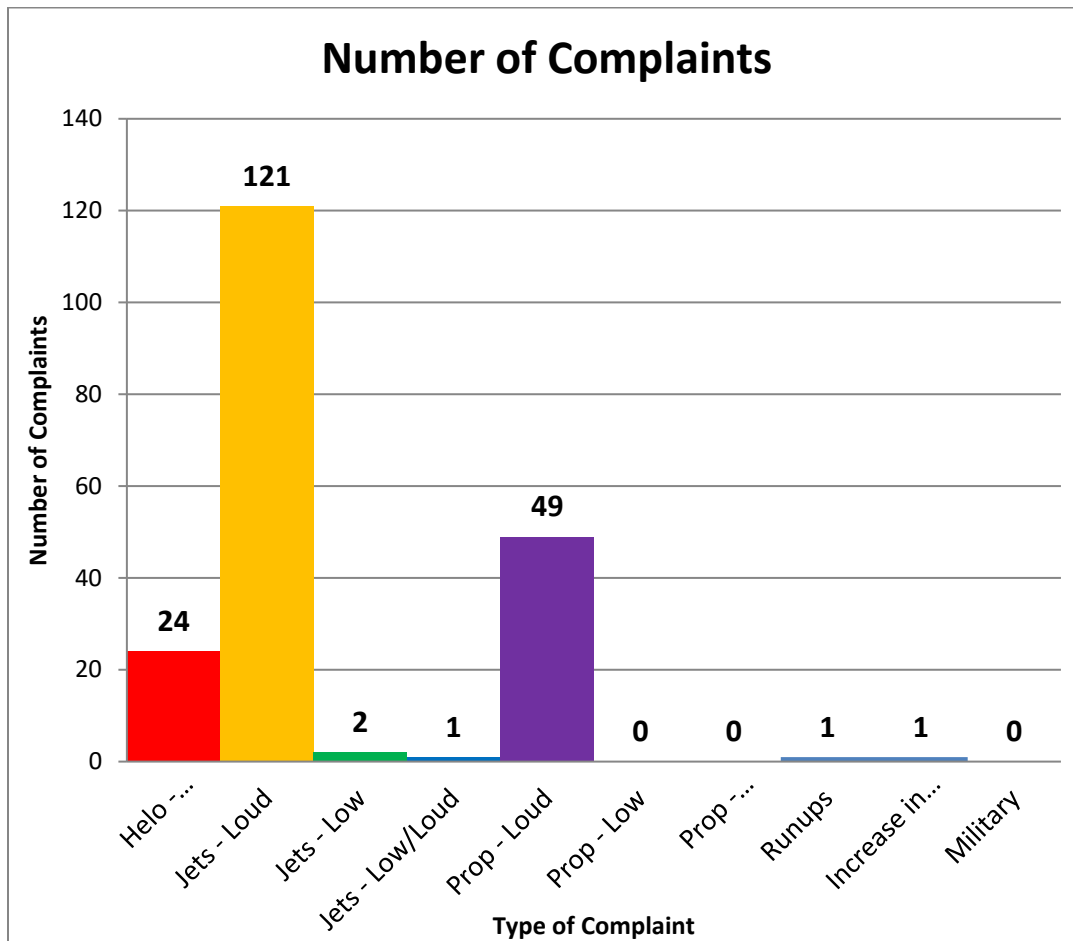
# Runway Mode of Operations – October 2019

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.

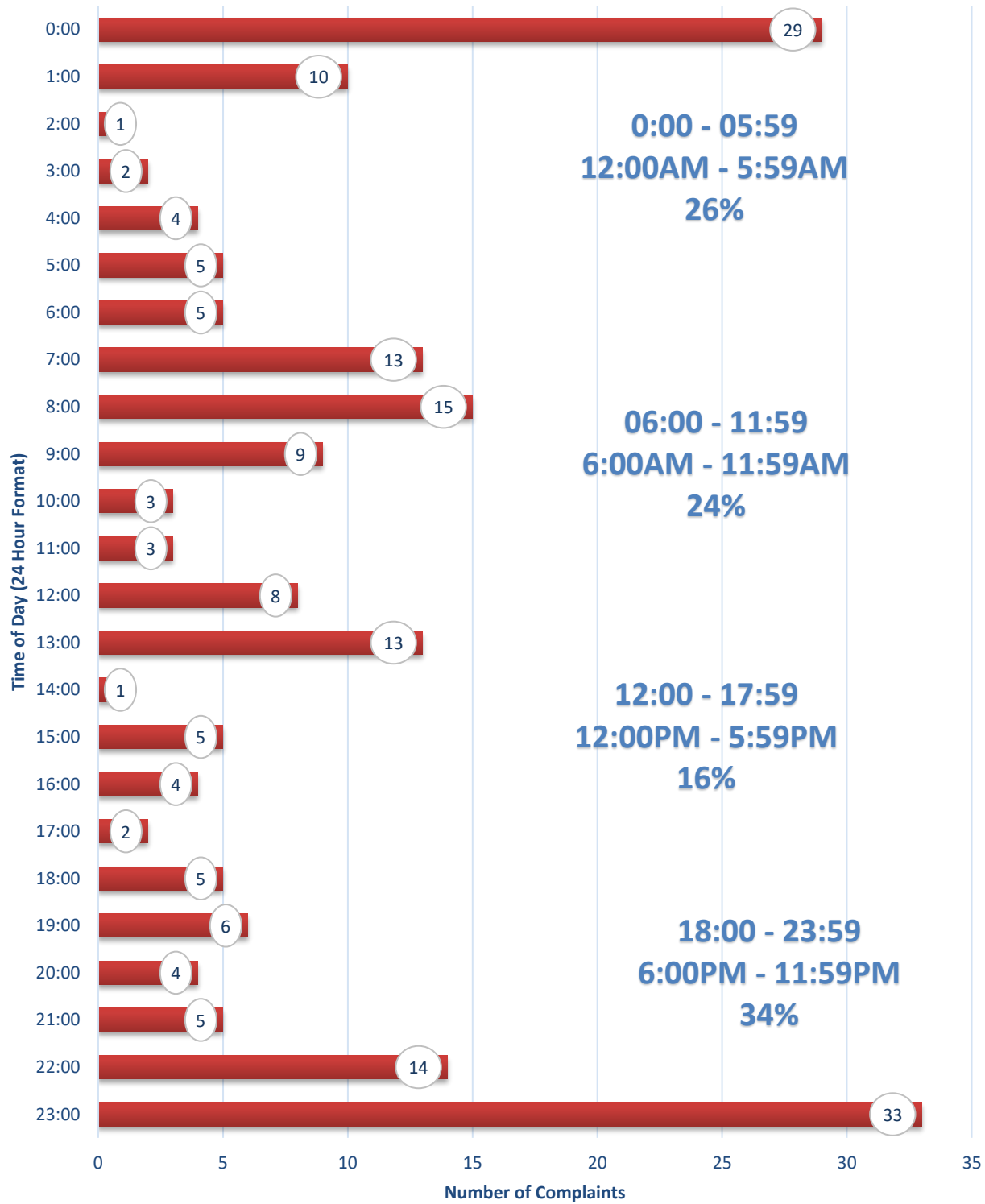


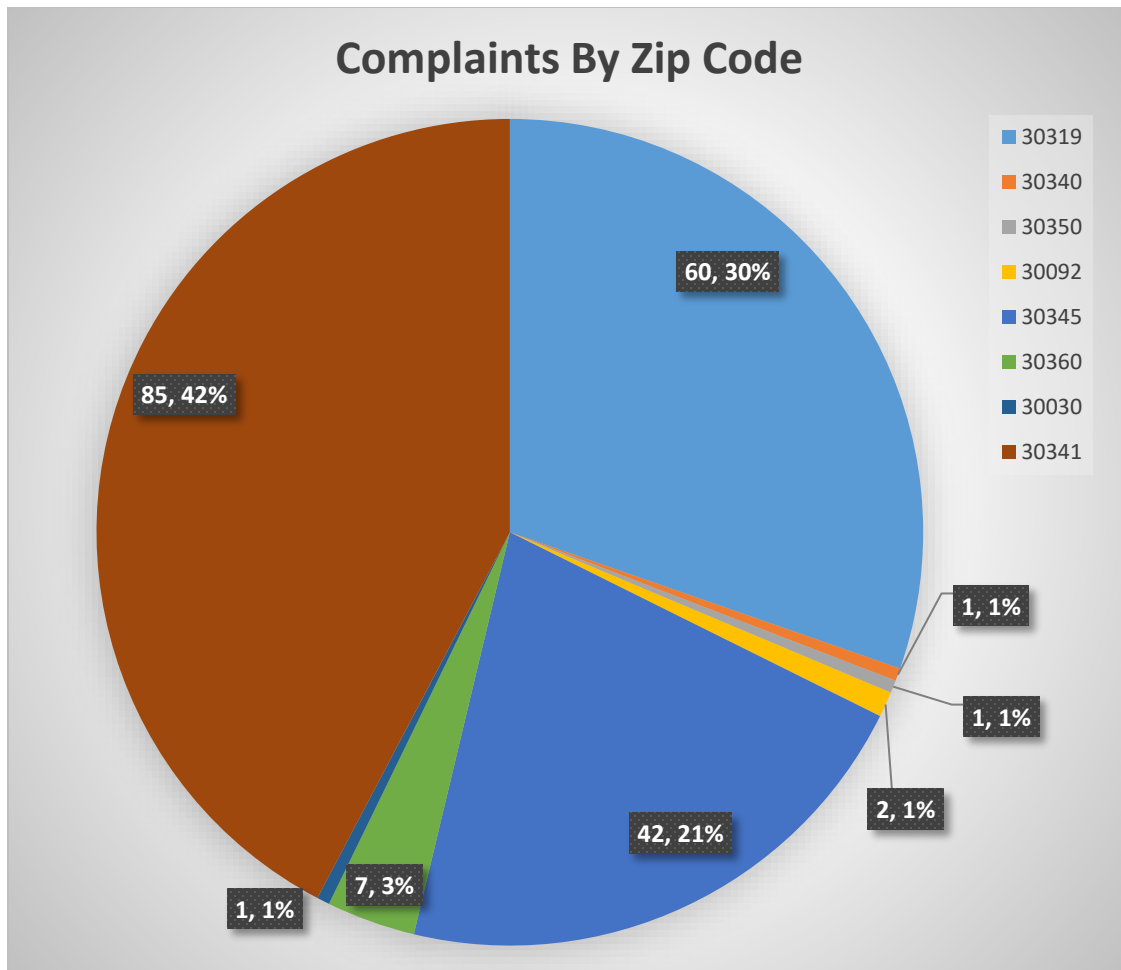
# Noise Disturbance Summary

Total complaints for October 2019	Monthly Complaint Average 2019	October 2019 Complaints per Household <i>(minus top two/Households)</i>	October 2019 Complaints per Household <i>All Inclusive</i>
199	317	3.2	7.1



## Number of Complaints by Hour





Zip Code Guide		
Zip Code	Community	% of Complaints
30319	Brookhaven	30%
30341	Chamblee - North	42%
30345	Chamblee – South	21%
30360	Dunwoody	3%
30092	Peachtree Corners	1%
30340	Doraville	1%
30350	Sandy Springs	1%
30030	Decatur***	1%***

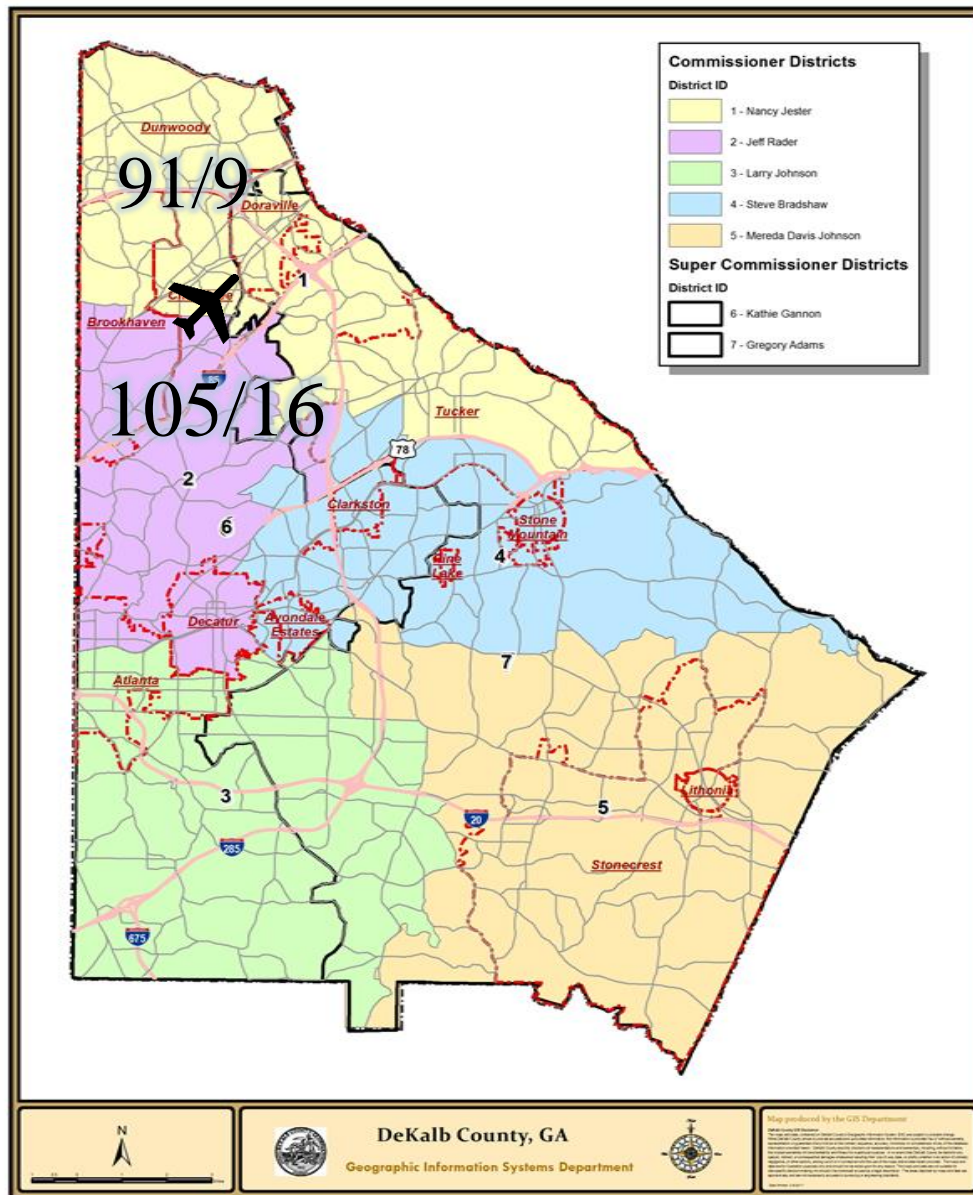
\*\*\* Decatur entry was entered through PublicVue to show new system interaction with compiling information.



## Complaints by Caller

Name	Address	City	Zip Code	Complaints
Friedman	1353 Brookhaven Village Cir NE	Atlanta	30319	2
Anon-1	3203 Stratford Arms Dr	Chamblee	30341	71
Moss	2360 Drew Valley Rd NE	Atlanta	30319	1
Tyler	1818 Tobey Rd	Chamblee	30341	1
Noel-Almy	1948 Shalimar Dr.	Atlanta	30345	1
Doyle	2541 Dering Pl NE	Atlanta	30345	4
Chilivis	2352 Logan Cir NE	Atlanta	30319	2
Snyder	3439 Allison Dr	Doraville	30340	1
Gould	4903 Heatherdale Ln	Doraville	30360	1
Doe	765 Derrydown Way	Decatur	30030	1
Yates	1889 9th Street	Chamblee	30341	9
Runestad	2430 Field Way	Brookhaven	30319	2
Schwartz	1685 Cotswold Drive NE	Brookhaven	30319	4
Pittard	2078 Black Fox Dr NE	Atlanta	30345	1
Rogers	2653 Warwick Cir NE	Atlanta	30345	2
Havard	3669 Kinnard Dr	Doraville	30360	1
Davidian	1806 Duke Road	Chamblee	30341	2
Philips	2442 Wentworth Dr NE	Atlanta	30345	33
Green	2665 Ashford Rd NE	Atlanta	30319	1
Miller	2795 Georgian Drive East	Atlanta	30341	1
Anon-3	2527 Skyland Dr NE	Atlanta	30319	1
Nagel	3905 Winters Hill Drive	Atlanta	30360	5
McLeroy	6178 Brookwood Rd	Norcross	30092	2
Greeley	7625 Treeridge Ct	Sandy Springs	30350	1
Anon-4	---- Groveglen Ct	Atlanta	30345	1
Anon-2	2486 Skyland Trail NE	Atlanta	30319	43
Terry	2652 Cove Circle NE	Atlanta	30319	4
Brady	1836 Bragg St	Chamblee	30341	1

# Complaints per Commission District






Total Number of Complaints  
Total Number of Complainants

199/  
28

There were 3 complainant outside of DeKalb County with 3 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 **194 (97.49%)** out of **199** complaints:

- **191 or 96%** of the noise complaints were found to be **Direct** correlations
- **3 or 1.5%** were **Indirect** correlations to operations
- **5 or 2.5%** 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](mailto: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](mailto:pdnoise@dekalbcountyga.gov).

Name	Offense Time	Flight Time	RWY	Ops	Aircraft Type	Aircraft ID	NMS	Lmax
Philips	10/1/2019 15:49	10/1/2019 15:41	03R	D	UNKN	N72KB	NMS3	66.8
Tyler	10/1/2019 22:43	10/1/2019 22:42	03R	A	GLF3	N44HB	NMS3	69.7
Anon-1	10/1/2019 23:35	10/1/2019 23:46	21L	A	C560	N469ES		
Anon-2	10/2/2019 0:13	10/2/2019 0:16	03R	A	AC50	CTL67		
Anon-1	10/2/2019 0:14	10/2/2019 0:13	21L	D	UNKN	N469ES	NMS3	69.3
Anon-1	10/2/2019 0:14	10/2/2019 0:13	21L	D	UNKN	N469ES	NMS3	69.3
Anon-2	10/2/2019 0:30	10/2/2019 0:30	21L	A	GLF4	DCM3355		
Philips	10/2/2019 0:36	10/2/2019 0:36	21R	D	UNKN	UNKNOWN	NMS3	76.4
Anon-1	10/2/2019 0:36	10/2/2019 0:36	21R	D	UNKN	UNKNOWN	NMS3	76.4
Anon-2	10/2/2019 0:36	10/2/2019 0:30	21L	A	GLF4	DCM3355		
Anon-1	10/2/2019 1:00	10/2/2019 0:55	8R	D	A359	UNKNOWN		
Anon-2	10/2/2019 6:07	10/2/2019 6:07	03R	D	GALX	PRD42		
Philips	10/2/2019 21:04	10/2/2019 21:17	21L	A	FA50	N27GA	NMS3	80.6
Anon-2	10/2/2019 22:53	10/2/2019 22:59	21L	A	PA46	N262CW		
Philips	10/2/2019 23:54	10/2/2019 23:55	21L	D	GLF3	N44HB	NMS3	85.7
Anon-2	10/2/2019 23:54	10/2/2019 23:41	03R	A	AC50	CTL67		
Anon-2	10/3/2019 1:00	10/3/2019 0:46	03R	D	AC50	CTL67		
Chilivis	10/3/2019 3:44	10/3/2019 3:48	03R	A	PC12	SKQ43	NMS2	68.2
Anon-1	10/3/2019 9:54	10/3/2019 9:57	03L	A	UNKN	N940TB		
Anon-1	10/3/2019 15:03	10/3/2019 15:18	03R	A	H25B	N581RS		
Davidian	10/3/2019 23:41	10/3/2019 23:43	21L	A	BE20	N209CM	NMS3	73.6
Rogers	10/3/2019 23:41	10/3/2019 23:43	21L	A	BE20	N209CM	NMS3	73.6

Anon-1	10/4/2019 0:47	10/4/2019 0:46	UNK	D	UNKN	N445CH	NMS3	67
Chilivis	10/4/2019 3:18	10/4/2019 3:22	03R	A	PC12	SKQ43		
Anon-2	10/4/2019 6:02	10/4/2019 5:59	03R	D	PC12	N539PE	NMS01	78.3
Anon-2	10/4/2019 23:27	10/4/2019 23:01	03R	D	BE40	N404MS	NMS01	78.4
Havard	10/5/2019 8:07	Not Correlated						
Doyle	10/5/2019 19:40	10/5/2019 19:44	03R	A	PC12	N7679T	NMS03	76
Anon-2	10/6/2019 5:33	10/6/2019 5:24	03R	D	C501	N56LW	NMS01	89.5
Philips	10/6/2019 12:15	10/6/2019 12:14	21L	D	E550	N183TS		
Philips	10/6/2019 13:14	10/6/2019 13:12	21L	D	C501	N56LW	NMS03	76.9
Terry	10/6/2019 13:34	10/6/2019 13:16	21L	D	GLF4	WWI111	NMS03	83.9
Gould	10/6/2019 21:30	10/6/2019 21:21	9R	D	B744	UNKNOWN		
Anon-2	10/6/2019 23:03	10/6/2019 23:26	8R	D	B739	UNKNOWN		
Anon-2	10/6/2019 23:13	10/6/2019 23:26	8R	D	B739	UNKNOWN		
Anon-2	10/7/2019 6:01	10/7/2019 6:00	UNK	D	UNKN	N2AQ		
Philips	10/7/2019 9:25	10/7/2019 9:25	03R	A	E135	UJC521	NMS03	68.4
Anon-1	10/7/2019 12:07	10/7/2019 12:08	03R	A	FA50	N791CP	NMS03	75.2
Anon-2	10/7/2019 23:49	10/7/2019 23:53	03L	A	UNKN	N53AE		
Anon-2	10/8/2019 0:53	10/8/2019 0:46	03R	D	AC50	CTL67	NMS01	80.3
Anon-1	10/8/2019 0:54	10/8/2019 0:54	21R	D	GLF3	N62MV	NMS03	90.2
Anon-1	10/8/2019 1:10	10/8/2019 0:54	21R	D	GLF3	N62MV	NMS03	90.2
Green	10/8/2019 6:19	10/8/2019 6:18	21L	D	SR22	N553LB	NMS02	73.1
Greeley	10/8/2019 6:30	10/8/2019 6:34	03R	D	BE20	CTE491		
Pittard	10/8/2019 12:06	10/8/2019 12:07	03R	A	UNKN	UNKNOWN		

Anon-2	10/8/2019 20:32	10/8/2019 20:26	03R	D	FA50	N791CP	NMS01	85.9
Anon-2	10/8/2019 23:09	10/8/2019 23:10	21L	A	GLF4	JTL821	NMS01	85
Anon-1	10/8/2019 23:54	10/8/2019 23:53	UNK	D	UNKN	N117CH		
Anon-2	10/9/2019 0:50	10/9/2019 0:42	03R	D	AC50	CTL67	NMS01	88
Philips	10/9/2019 8:01	10/9/2019 8:01	UNK	D	BE33	N829MU	NMS03	72.3
Nagel	10/9/2019 12:00	10/9/2019 12:05	21L	A	PC12	SKQ1		
Anon-1	10/9/2019 12:38	10/9/2019 12:38	UNK	D	P32R	N423R		
Nagel	10/9/2019 16:27	10/9/2019 16:35	21L	A	MU2	N777LP		
Philips	10/9/2019 18:30	10/9/2019 18:24	21L	D	GLF4	N450MH	NMS03	73.7
Anon-2	10/9/2019 18:56	10/9/2019 18:56	UNK	D	UNKN	UNKNOWN		
Terry	10/9/2019 19:58	10/9/2019 19:38	21R	D	UNKN	N6919J		
Philips	10/10/2019 7:34	10/10/2019 7:30	21L	D	BE9L	N92FC	NMS03	78.2
Philips	10/10/2019 7:53	10/10/2019 7:49	21L	D	UNKN	N9054S	NMS03	77.5
Philips	10/10/2019 8:11	10/10/2019 7:59	21R	D	UNKN	N725WF	NMS03	77.2
Nagel	10/10/2019 13:10	10/10/2019 13:12	21L	A	C550	N100WT		
Nagel	10/10/2019 16:25	10/10/2019 16:20	03R	D	SR22	N131EA		
Philips	10/10/2019 20:46	10/10/2019 20:46	UNK	A	GLF4	N889CG		
Anon-1	10/10/2019 23:23	10/10/2019 23:15	UNK	O	UNKN	N151LN		
Anon-2	10/10/2019 23:33	10/10/2019 23:36	21L	A	C56X	N735XL	NMS01	90.5
Anon-1	10/11/2019 0:23	10/11/2019 0:26	UNK	A	UNKN	N117CH		
Anon-1	10/11/2019 0:54	10/11/2019 0:48	21L	D	CL35	EJA768		
Runestad	10/11/2019 0:55	10/11/2019 0:48	21L	D	CL35	EJA768	NMS02	73
Anon-1	10/11/2019 0:56	10/11/2019 0:48	21L	D	CL35	EJA768		



Anon-2	10/11/2019 7:32	10/11/2019 7:32	03L	D	UNKN	N335R		
Anon-2	10/11/2019 22:52	10/11/2019 22:55	03R	A	C56X	GAJ512	NMS01	73.7
Philips	10/11/2019 23:55	10/11/2019 23:54	21R	D	UNKN	UNKNOWN	NMS03	72.2
Anon-2	10/12/2019 5:50	10/12/2019 5:24	UNK	D	UNKN	N445CH		
Philips	10/12/2019 10:20	10/12/2019 10:11	21L	D	GALX	FWK882		
Philips	10/12/2019 13:00	10/12/2019 12:53	21L	D	GALX	N505GA	NMS03	78.9
Philips	10/12/2019 14:00	10/12/2019 13:42	21R	D	UNKN	N908CB		
Philips	10/12/2019 17:19	10/12/2019 17:15	21L	D	C68A	EJA652	NMS03	76.6
Philips	10/13/2019 2:12	10/13/2019 2:37	21L	A	BE36	N94EM		
Anon-2	10/13/2019 22:35	10/13/2019 22:17	21L	D	E55P	EJA394		
Anon-2	10/13/2019 22:46	10/13/2019 22:51	21L	A	GALX	N682GA	NMS01	88
Anon-2	10/13/2019 23:12	10/13/2019 22:51	21L	A	GALX	N682GA	NMS01	88
Anon-1	10/13/2019 23:31	Not Correlated						
Anon-1	10/14/2019 1:03	10/14/2019 1:05	03R	A	C208	N208LS	NMS03	71
Anon-2	10/14/2019 1:22	10/14/2019 1:21	21L	A	GLF6	N128GA	NMS01	84
Schwartz	10/14/2019 8:49	10/14/2019 8:53	UNK	D	UNKN	UNKNOWN		
Anon-1	10/14/2019 9:29	10/14/2019 9:21	UNK	D	S22T	N418SJ	NMS03	75.2
Philips	10/14/2019 9:31	10/14/2019 9:21	UNK	D	S22T	N418SJ	NMS03	75.2
Noel-Almy	10/14/2019 11:09	10/14/2019 11:11	21L	D	LJ40	XLJ41	NMS03	75.9
Anon-1	10/14/2019 13:26	10/14/2019 13:30	21L	D	UNKN	UNKNOWN		
Anon-1	10/14/2019 13:43	10/14/2019 13:42	UNK	D	UNKN	UNKNOWN		
Philips	10/14/2019 15:25	10/14/2019 15:24	21R	D	J328	UJC524	NMS03	77.3
Brady	10/14/2019 22:40	10/14/2019 22:17	21R	D	C172	N79410		

Anon-2	10/14/2019 23:11	10/14/2019 23:04	21L	D	C525	OLV608		
Philips	10/14/2019 23:11	10/14/2019 23:04	21L	D	C525	OLV608	NMS03	84.6
Stolze	10/14/2019 23:12	10/14/2019 23:04	21L	D	C525	OLV608	NMS04	74
Anon-2	10/14/2019 23:18	10/14/2019 23:04	21L	D	C525	OLV608		
Anon-1	10/15/2019 0:10	10/15/2019 0:04	21L	D	HA4T	TFF930	NMS03	81.1
Anon-1	10/15/2019 0:19	10/15/2019 0:20	03R	A	C208	N208LS	NMS03	79.7
Schwartz	10/15/2019 8:42	10/15/2019 8:36	21L	D	E55P	JTL161	NMS02	69.9
Schwartz	10/15/2019 8:46	10/15/2019 8:46	21R	D	J328	UJC522		
Schwartz	10/15/2019 8:48	10/15/2019 8:46	21R	D	J328	UJC522		
McLeroy	10/15/2019 10:09	10/15/2019 10:35	21L	A	H25B	N85CC		
Anon-2	10/16/2019 7:02	10/16/2019 7:00	21L	D	GLF4	DCM4212		
Anon-2	10/16/2019 7:15	10/16/2019 7:10	21L	D	LJ75	N16PC	NMS01	69.3
Anon-2	10/16/2019 9:43	10/16/2019 9:38	21L	D	CL30	LXJ590		
Anon-2	10/16/2019 12:13	10/16/2019 12:13	UNK	A	UNKN	UNKNOWN		
Anon-2	10/16/2019 17:01	10/16/2019 16:56	03R	D	E55P	LXJ369	NMS01	89.1
Runestad	10/16/2019 19:02	10/16/2019 18:50	UNK	O	BE58	LBQ850		
Anon-1	10/17/2019 0:16	10/17/2019 0:18	03R	A	C208	N208LS	NMS03	74
Anon-1	10/17/2019 0:34	10/17/2019 0:36	03R	A	AC50	CTL67		
Philips	10/17/2019 0:40	10/17/2019 0:31	21L	D	C208	N208LS	NMS03	77.4
Anon-1	10/17/2019 0:40	10/17/2019 0:31	21L	D	C208	N208LS	NMS03	77.4
Philips	10/17/2019 7:32	10/17/2019 7:32	UNK	D	C650	N650BV	NMS03	81.4
Friedman	10/17/2019 7:42	10/17/2019 7:38	UNK	D	UNKN	N906CH	NMS02	81.4
Terry	10/17/2019 21:09	10/17/2019 21:07	03L	A	AC50	CTL66		

Anon-1	10/18/2019 0:05	10/18/2019 0:07	03L	A	C208	N208LS	NMS03	74.1
Anon-1	10/18/2019 0:25	10/18/2019 0:21	21R	D	C208	N208LS	NMS03	71.7
Anon-1	10/18/2019 0:32	10/18/2019 0:34	03L	A	AC50	CTL67		
Anon-1	10/18/2019 0:45	10/18/2019 0:45	UNK	D	AC50	CTL67		
Anon-1	10/18/2019 1:08	10/18/2019 1:19	34	A	CL30	N423JG	NMS03	78.7
Anon-1	10/18/2019 18:22	10/18/2019 18:28	03R	A	UNKN	SLASH62	NMS03	75.1
Anon-1	10/18/2019 18:22	10/18/2019 18:28	03R	A	UNKN	SLASH62	NMS03	75.1
Anon-1	10/18/2019 23:50	10/18/2019 23:45	16	D	C208	N208LS	NMS03	73.8
Moss	10/18/2019 23:51	10/18/2019 23:45	16	D	C208	N208LS	NMS02	74.5
Yates	10/19/2019 1:07	10/19/2019 1:05	03R	D	PA46	N350SY		
Anon-3	10/19/2019 5:50	10/19/2019 6:15	8R	D	A319	UNKNOWN		
Anon-2	10/19/2019 18:54	10/19/2019 18:41	03R	D	E55P	LXJ365	NMS01	74.2
Anon-2	10/19/2019 22:56	10/19/2019 22:49	03R	A	PC12	CNS72		
Anon-2	10/19/2019 23:09	10/19/2019 23:19	8R	D	A321	UNKNOWN		
Anon-1	10/20/2019 0:11	10/20/2019 0:23	21L	A	BE40	N404MS		
Anon-2	10/20/2019 7:52	10/20/2019 7:49	21L	D	C56X	N958AP		
Philips	10/20/2019 8:40	10/20/2019 8:32	21L	D	C56X	N818BL	NMS03	74.4
Philips	10/20/2019 8:50	10/20/2019 8:44	21L	D	GLF3	N330WR	NMS03	83.3
Anon-1	10/20/2019 13:01	10/20/2019 13:01	UNK	D	SR22	N911TK		
Anon-1	10/20/2019 13:04	10/20/2019 13:01	UNK	D	SR22	N911TK		
Anon-1	10/20/2019 13:07	10/20/2019 13:08	UNK	A	LJ45	N670JM		
Anon-1	10/20/2019 13:27	10/20/2019 13:19	21L	D	BE58	N158MS		
Anon-1	10/20/2019 13:30	10/20/2019 13:18	21L	D	PA46	N630KB	NMS03	71.6

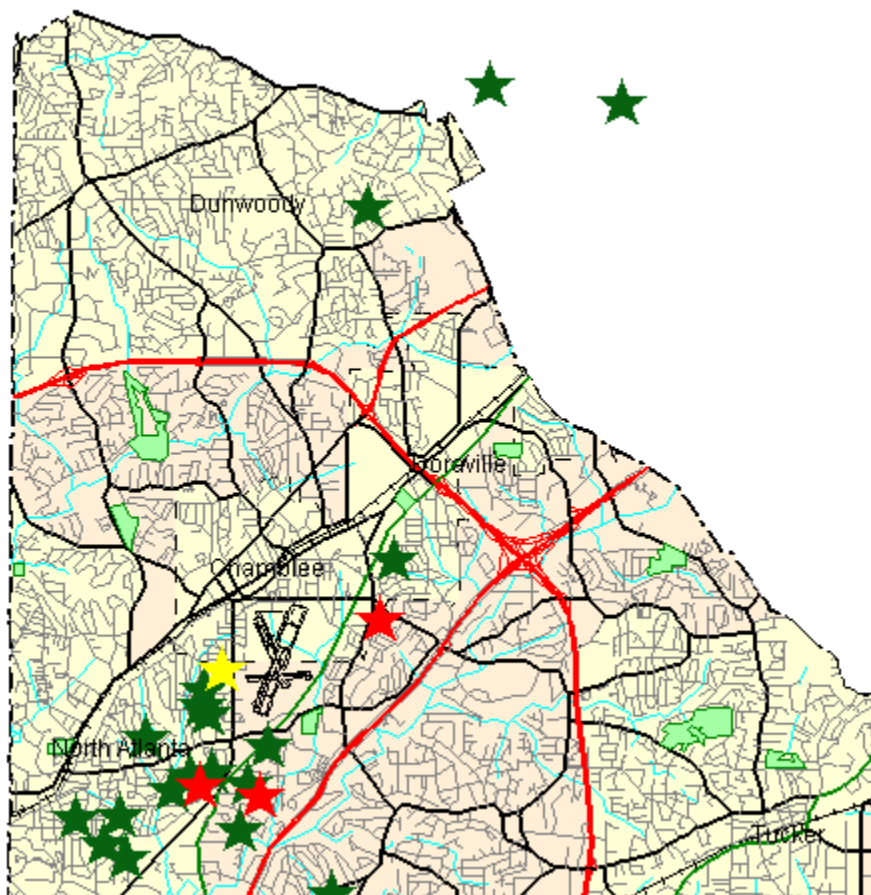
Terry	10/20/2019 16:28	10/20/2019 16:27	21L	D	EA50	N370EA		
Rogers	10/20/2019 19:07	10/20/2019 19:00	21L	D	GLF4	DCM6583	NMS03	81.2
Anon-2	10/20/2019 21:53	10/20/2019 21:57	21L	A	S22T	N941CS	NMS01	80.1
Anon-2	10/20/2019 22:47	10/20/2019 22:59	21L	A	C25B	DCM4098	NMS01	80.3
Anon-2	10/20/2019 23:07	10/20/2019 22:55	03R	D	C500	DCM3846	NMS01	68.4
Anon-1	10/20/2019 23:43	10/20/2019 23:42	21L	D	BE58	N430RT	NMS03	78.8
Anon-1	10/21/2019 0:11	10/21/2019 0:06	21L	D	C208	N208LS	NMS03	69.7
McLeroy	10/21/2019 12:08	10/21/2019 12:12	21L	A	C68A	EJA578		
Yates	10/21/2019 20:00	10/21/2019 19:58	21L	A	C560	N154JK		
Anon-2	10/21/2019 23:14	10/21/2019 23:09	8R	D	B739	UNKNOWN		
Anon-2	10/22/2019 0:51	10/22/2019 0:54	21L	A	C560	N577XW	NMS01	85.4
Anon-2	10/22/2019 19:40	10/22/2019 19:45	21L	A	GLF3	N330WR	NMS01	89.6
Philips	10/22/2019 20:14	10/22/2019 20:13	21L	D	FA7X	N860SB	NMS03	84.6
Anon-2	10/22/2019 21:16	10/22/2019 21:19	21L	A	C680	JTL630	NMS01	81.4
Anon-2	10/22/2019 22:33	10/22/2019 22:53	21L	A	H25B	N800WH	NMS01	88.2
Anon-2	10/23/2019 7:06	10/23/2019 6:46	03R	D	UNKN	N314GT		
Anon-2	10/23/2019 8:21	10/23/2019 8:21	03R	D	F2TH	N1925	NMS01	86
Anon-2	10/23/2019 8:53	10/23/2019 8:51	03R	D	C560	N802AB		
Anon-2	10/23/2019 22:13	10/23/2019 22:20	UNK	D	UNKN	N332AM		
Anon-2	10/23/2019 22:21	10/23/2019 22:20	UNK	D	UNKN	N332AM		
Anon-2	10/23/2019 22:27	10/23/2019 22:20	UNK	D	UNKN	N332AM		
Davidian	10/23/2019 23:02	10/23/2019 22:58	03R	D	CL35	EJA778		
Anon-2	10/24/2019 1:46	10/24/2019 1:50	03L	A	UNKN	N553AE		

Anon-2	10/24/2019 13:50	10/24/2019 13:48	21L	D	FA7X	N8HP		
Philips	10/24/2019 19:08	10/24/2019 19:02	21L	D	F900	EJM904	NMS03	83.3
Anon-2	10/24/2019 23:01	10/24/2019 22:57	21L	D	C55B	N76RB		
Yates	10/25/2019 1:18	10/25/2019 1:28	21L	D	BE20	CTE585	NMS03	77.3
Anon-2	10/25/2019 4:06	10/25/2019 4:06	UNK	D	C560	N577XW	NMS01	81.6
Anon-2	10/25/2019 4:23	10/25/2019 4:24	21L	A	LJ60	FTD506	NMS01	84.6
Anon-2	10/25/2019 4:40	10/25/2019 4:40	UNK	A	GLF3	N62MV	NMS01	92.6
Anon-2	10/25/2019 4:41	10/25/2019 4:40	UNK	A	GLF3	N62MV	NMS01	92.6
Anon-2	10/25/2019 5:54	10/25/2019 5:45	03R	D	E55P	EJA322	NMS01	84.8
Anon-2	10/25/2019 8:52	10/25/2019 8:52	03R	D	GLF3	N500GF	NMS01	94.4
Yates	10/25/2019 11:03	10/25/2019 10:59	03R	D	GLF5	JDC63		
Doe	10/25/2019 13:57	Not Correlated						
Snyder	10/26/2019 9:23	10/26/2019 8:56	21L	A	C25B	DPJ329		
Philips	10/26/2019 9:57	10/26/2019 9:48	21L	D	C25B	DPJ329		
Anon-2	10/26/2019 23:17	10/26/2019 23:13	8R	D	A332	UNKNOWN		
Anon-2	10/26/2019 23:53	Not Correlated						
Anon-2	10/27/2019 7:06	10/27/2019 7:02	UNK	O	PAY1	N49AC		
Philips	10/27/2019 7:53	10/27/2019 7:49	21L	D	C56X	DPJ47	NMS03	80.3
Anon-2	10/27/2019 7:53	10/27/2019 7:49	21L	D	C56X	DPJ47		
Doyle	10/27/2019 8:48	10/27/2019 8:51	03R	A	E545	LXJ426		
Doyle	10/27/2019 8:55	10/27/2019 8:42	21L	D	C68A	EJA513	NMS03	80.8
Philips	10/27/2019 9:51	10/27/2019 9:45	21L	D	F900	N111MU		
Philips	10/27/2019 9:59	10/27/2019 9:48	21L	D	CL30	N606RP		

Yates	10/27/2019 15:36	10/27/2019 15:44	03L	A	UNKN	N96RH		
Philips	10/27/2019 23:04	10/27/2019 23:08	03R	A	TBM8	N850MK	NMS03	69.3
Anon-2	10/28/2019 5:49	10/28/2019 5:43	03R	D	BE40	JTL480	NMS01	93
Anon-2	10/28/2019 7:50	10/28/2019 7:46	21R	D	P28R	N322CA	NMS01	70.6
Nagel	10/28/2019 11:51	10/28/2019 12:01	21L	A	SF50	N1UR		
Doyle	10/28/2019 15:47	10/28/2019 15:47	21L	D	J328	UJC851		
Yates	10/28/2019 16:06	10/28/2019 16:04	21R	D	UNKN	N823MC		
Anon-2	10/28/2019 22:57	10/28/2019 22:52	21L	D	GLF5	N942JT		
Yates	10/28/2019 23:31	10/28/2019 23:25	UNK	D	C560	N447MJ	NMS03	73
Yates	10/29/2019 1:26	10/29/2019 1:26	21L	A	GLEX	GMA473		
Friedman	10/29/2019 8:55	10/29/2019 8:55	03R	A	H25B	N125SB	NMS02	75.7
Anon-2	10/29/2019 10:56	10/29/2019 10:54	03R	D	GLF4	N477JB	NMS01	92.6
Yates	10/29/2019 12:34	10/29/2019 12:29	UNK	D	UNKN	N117CH		
Anon-2	10/30/2019 22:18	10/30/2019 22:02	21L	D	E50P	N175EW		
Anon-2	10/30/2019 23:20	10/30/2019 22:58	21L	D	LJ35	N988QC		
Miller	10/31/2019 0:31	Not Correlated						



## **Disturbance Location Pin Map – October 2019**



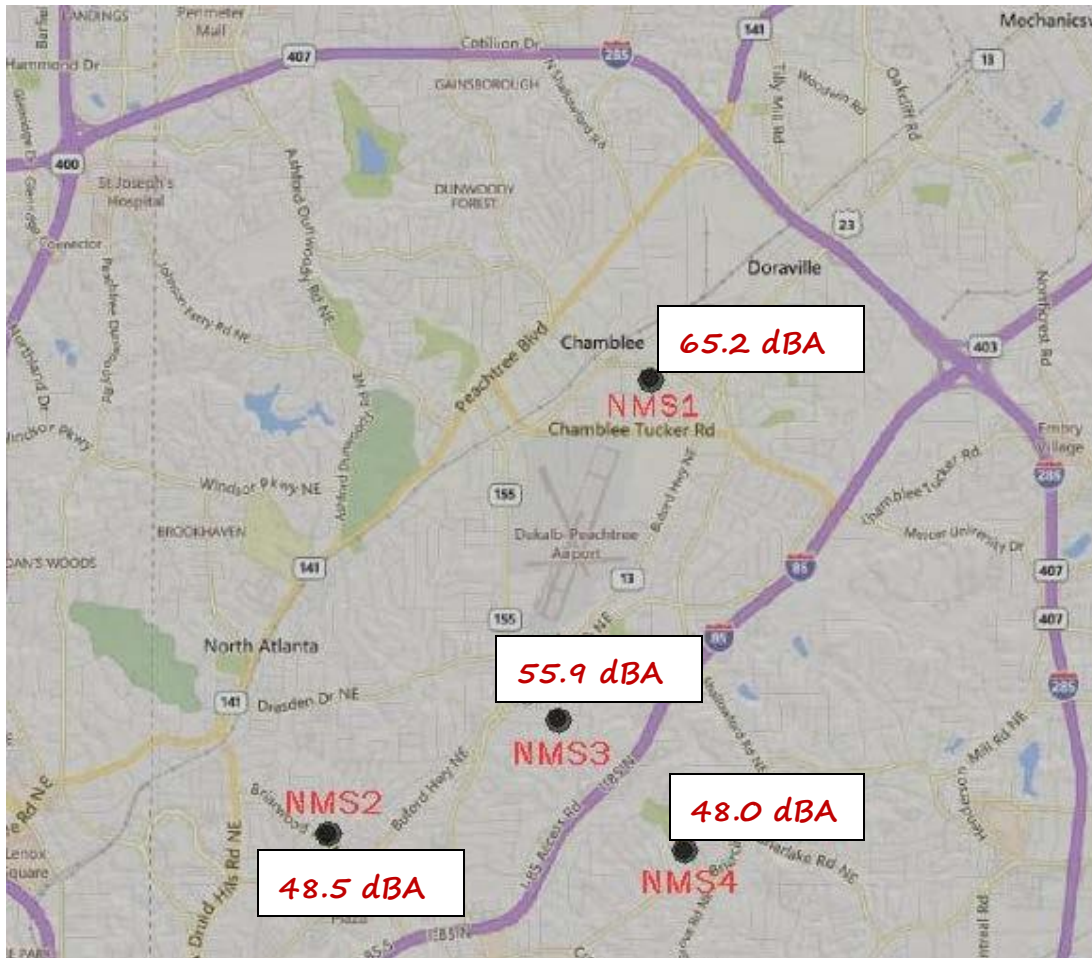
- ★ 1-5 Complaints
- ★ 6-10 Complaints
- ★ 11+ Complaints

### **Complainants with Complaints Total**

(3 Complainants outside of DeKalb County)

# Monthly Noise Levels at Monitors

October 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.*
- *L<sub>max</sub> – 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 **373 (96%)** of the **391** operations during the voluntary curfew period (11PM-6AM) during the month of **October 2019**. Of the **373** identified operations, **176 (47.1%)** were classified as **medical transport (e.g., MedEvac) or other critical flights**. These aircraft are identified in **red bold font** below.

- Out of the *identified* operations, **107 one-time** operations were conducted during this period.
- Out of the *identified* operations, **266 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:

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

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

**26** multi-use operators were identified as MedEvac and/or emergency flights.

## Complaints received from operations conducted during the voluntary curfew period:

**199** complaints were received during **October 2019**.

**80** 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 – October 2019 N#'s (Multi-Use):

**39 Aircraft with 2 Operations** (N956PP, N711WG, N63NM, DPJ384, N79410, N2QU, N228CH, N322CA, N103AV, N332AM, N757GX, CTL68, CTL585, EJA966, N122A, UJC24, N208PC, EMD28, N682GA, JTL91, N209CM, N53AE, N77WW, N55SQ, N805LC, N56LW, N911VU, KFS67, N991SU, N145TT, SDU362, N604XT, N128GA, N620MS, DCM3355, N469ES, N447MJ)

**5 Aircraft with 3 Operations** (N6919J, N62MV, N125SB, N404MS, N600CK)

**6 Aircraft with 4 Operations** (**CTE816**, PHJ56, **N508KD**, N2AQ, **N429AE**, **N445CH**)

**2 Aircraft with 5 Operations** (N577XW, **N684AE**)

**2 Aircraft with 6 Operations** (N154JK, **N895CR**)

**1 Aircraft with 7 Operations** (**N117CH**)

**1 Aircraft with 14 Operations** (**SKQ43**)

**1 Aircraft with 23 Operations** (**SKQ44**)

**1 Aircraft with 34 Operations** (**N208LS**)

**1 Aircraft with 49 Operations** (**CTL67**)

**Last Month – September 2019 N#’s (Multi-Use):**

**29 Aircraft with 2 Operations** (N523AJ, **N508KD**, **N988QC** N503AB, N560A, N55SQ, **N887AE**, N600MV, N600LY, N805LC, N577XW, N140SB, N119RP, N332AM, N885GT, N285XP, N541S, N101JT, N131EA, **N663SF**, **N208LS**, N650BV, N511UP, **N610BW**, N955WP, **N771MG**, N169SD, N721KJ, N500FZ, N325SH, N471MD, N654AR, N143DE, N111J, N434BZ, **N252RV**, N432HC, N637PC, N683GA, N7664F)

**9 Aircraft with 3 Operations** (N745FJ, N244RG, N309CJ, N70X, N258SB, N383JP, N210CM, **N53AE**, **N329GS**)

**7 Aircraft with 4 Operations** (HBFRV, N2QU, N270PC, N700NA, **N939TW**, **N900PS**, **N117C**)

**1 Aircraft with 5 Operations** (N768A)

**1 Aircraft with 6 Operations** (N133PE)

**1 Aircraft with 10 Operations** (**N261ER**)

**2 Aircraft with 11 Operations** (N6919J, **N445C**)

**1 Aircraft with 18 Operations** (**N690RR**)

**1 Aircraft with 38 Operations** (**N543PB**)

**2 Aircraft with 7 Operations** (**N23BQ**, **N332CA**)

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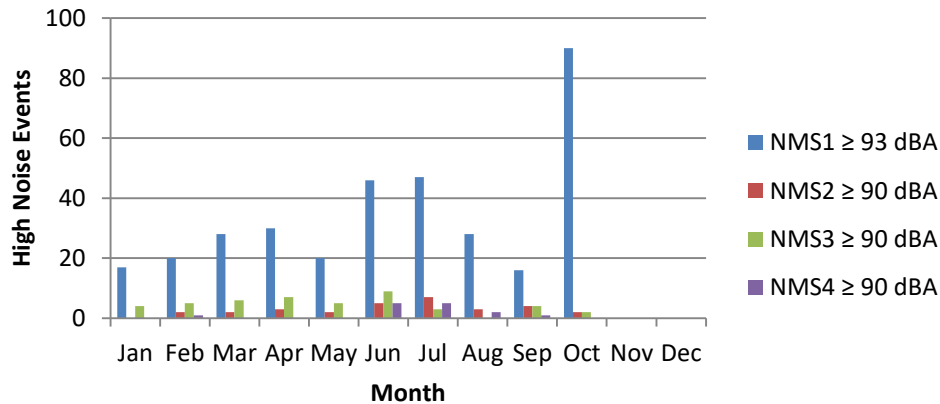
A total of **95** advisory letters were sent to aircraft operators flying during the voluntary curfew period in the month of **October** who were not identified as MedEvac and/or other emergency flights.

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# 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.

## High Noise Events 2019



### October 2019

**46 Aircraft with 1 High Noise Event** (N772EC, N367FX, N861P, N383KK, N6VB, N408GJ, N310, N411FJ, N990JT, N412GJ, N210CW, N423JG, N732WB, N444QC, N30WR, N469ES, N818BL, N480M, N964C, N499PA, N245MG, N500FZ, N699CT, N204HS, N691AF, N53HS, N718PM, N557QS, N750KH, N576SA, N7895Q, N579QS, N800EM, N203GT, N806GJ, N585VC, N823MC, N5897C, N884HP, N594QS, N979CM, N600JD, N228CH, N268RB, N63149, N27GA)

**12 Aircraft with 2 High Noise Events** (N682GA, N265CM, N800WH, N2KC, N65SL, N330WR, N791CP, N343CC, N991A, N99VS, N62MV, N581RS)

**1 Aircraft with 3 High Noise Events** (N500GF)

### September 2019

**16 Aircraft with 1 High Noise Event** (N210CM, N27GA, N30WR, N411FJ, N418TM, N428JD, N480M, N500GF, N62MV, N650CG, N673PP, N6919J, N791C, N792A, N977LC, N991A)

**1 Aircraft with 3 High Noise Events** (N119RP)

## Comments/Concerns?

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