



Monthly Noise & Operations Report December 2021

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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 December occur during all phases of flight. For instance, while aircraft are on the ground, taxiing, operating auxiliary power units (APUs), and conducting run-ups December 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.

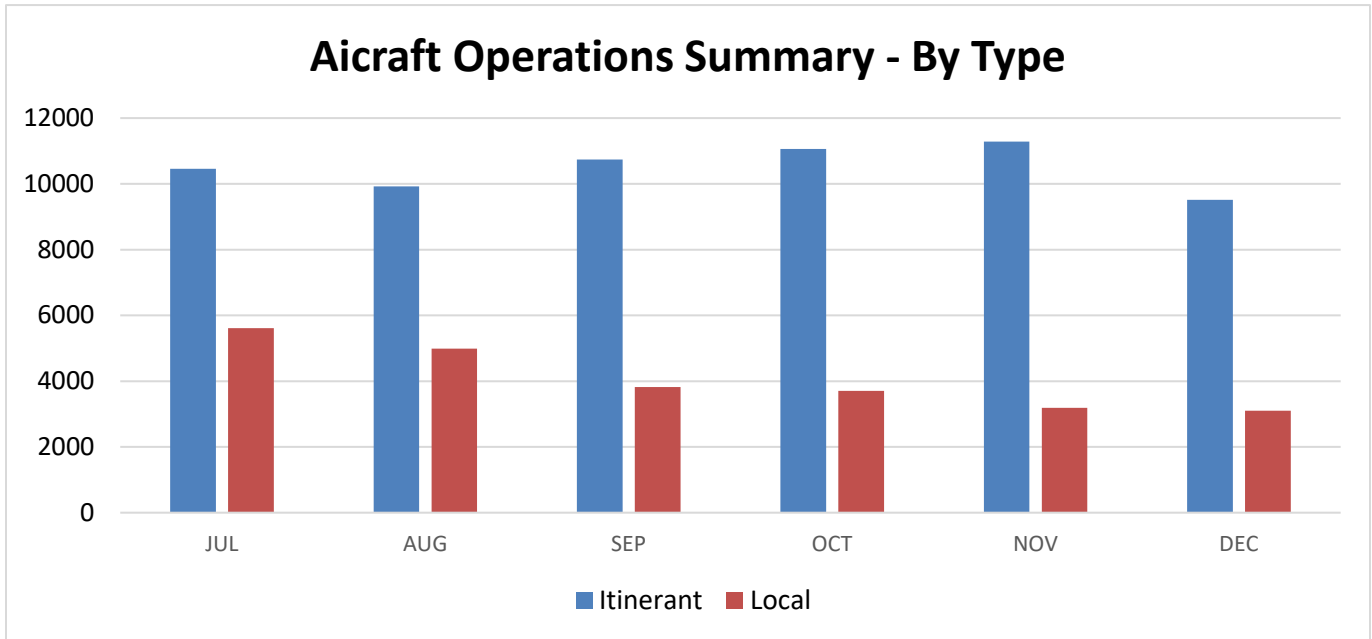
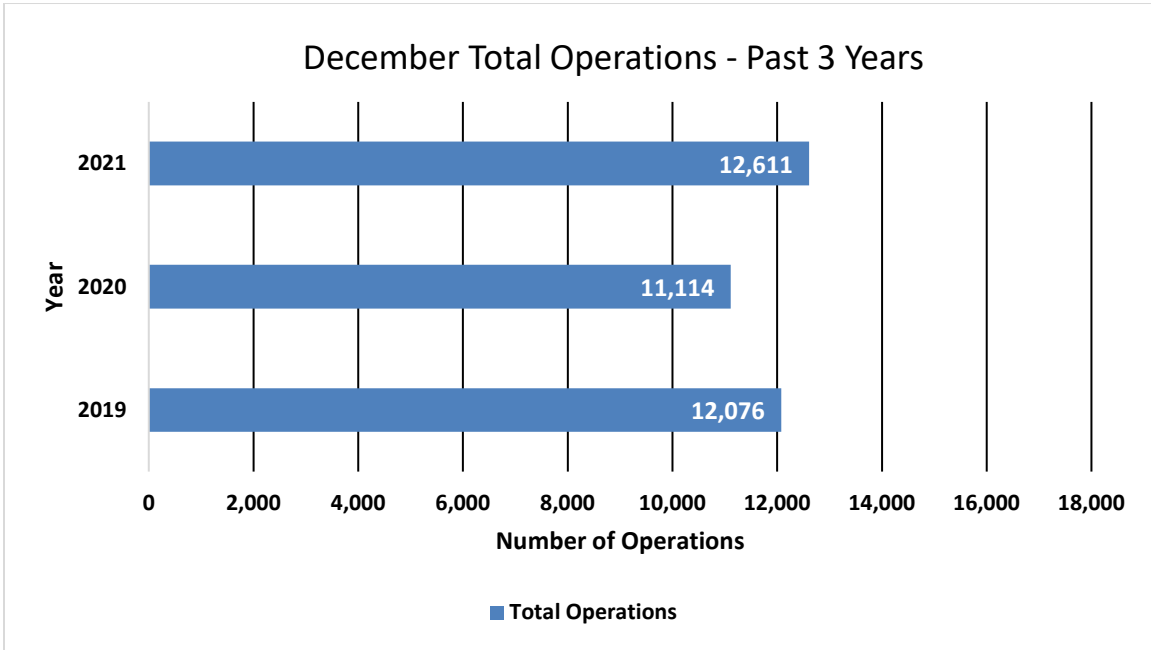
December 2021 Aircraft Operations:

	This Month	This Month, Last Year (December 2020)	% Change from December 2020	5-Year Average for Month
Total Operations	12,611	11,114	13.47%	11,049
Itinerant	9,511	8,075	17.78%	8,446
Local	3,100	3,039	2.01%	2,602
Voluntary Curfew Ops	341	331	3.02%	299
Prior Authorization	187	(8) Noise disturbance calls associated with these flights. (10) 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 2021 Aircraft Operations Summary

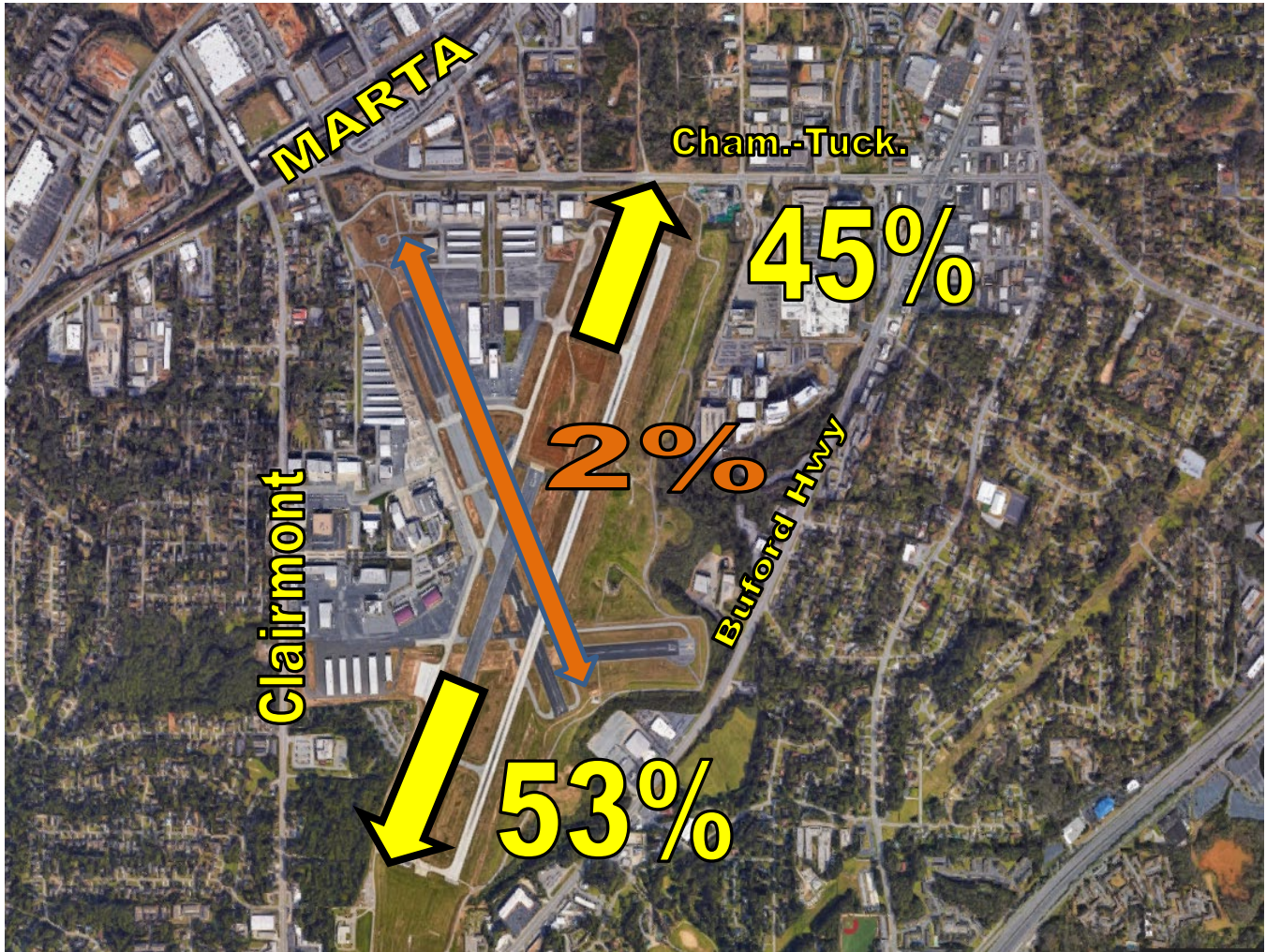


2020 Total Operations	2020 Total Operations as of December 2020	Total 2021 Ops as of December 2021
138,420	138,420	158,014 (14.16%)

2021 Operations by Month				
	Itinerant	Local	Total Tower-Recorded Operations	Voluntary Curfew
JAN	7,643	3,029	10,672	262
FEB	7,134	1,958	9,092	313
MAR	9,109	3,744	12,853	360
APR	10,803	1,115	11,918	413
MAY	10,710	1,410	12,120	460
JUN	9,740	4,219	13,959	442
JUL	10,456	5,616	16,072	436
AUG	9,922	4,989	14,911	420
SEP	10,740	3,818	14,558	413
OCT	11,062	3,356	14,770	355
NOV	14,478	3,191	11,287	409
DEC	12,611	3,100	9,511	341

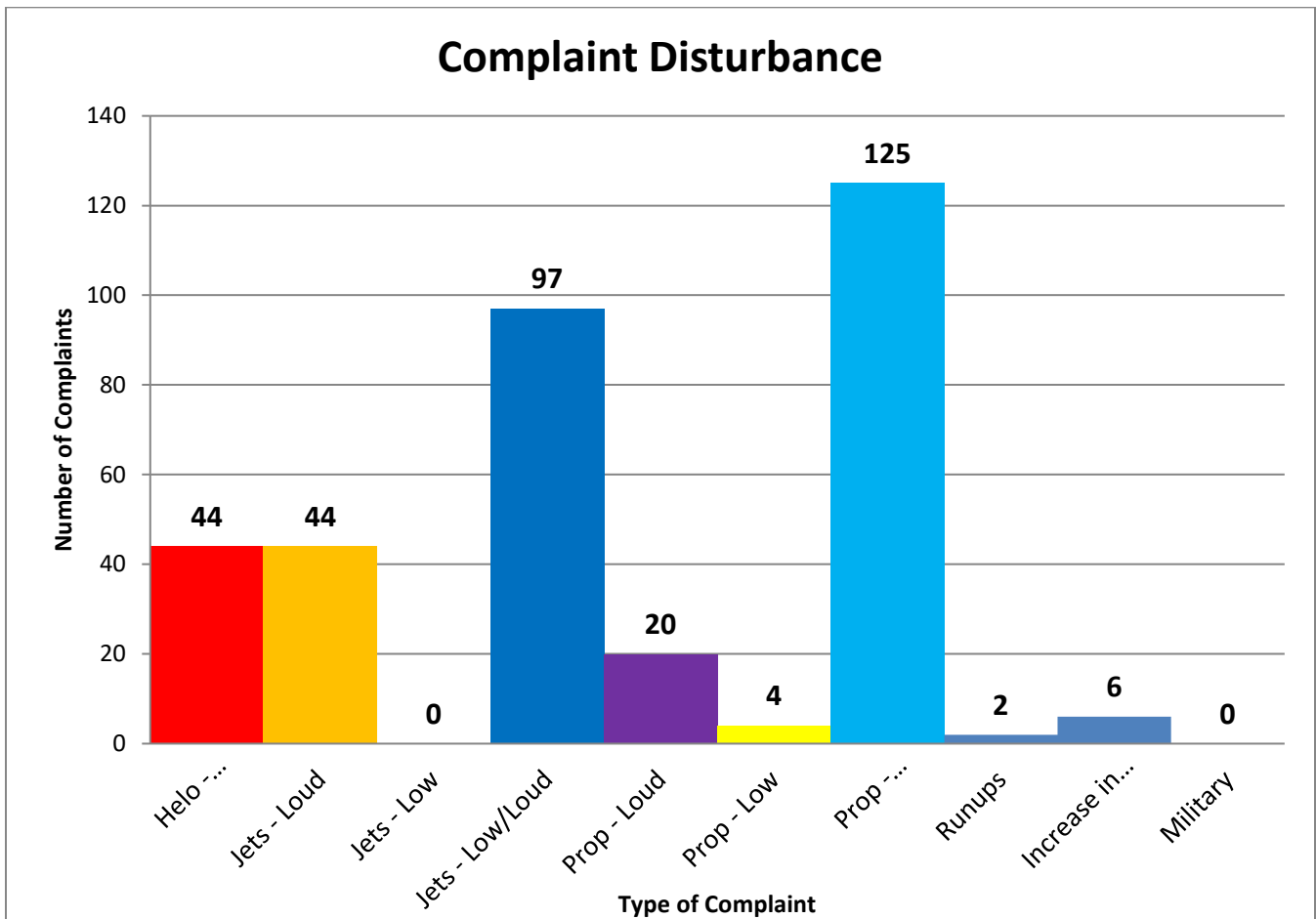
Runway Mode of Operations – December 2021

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.

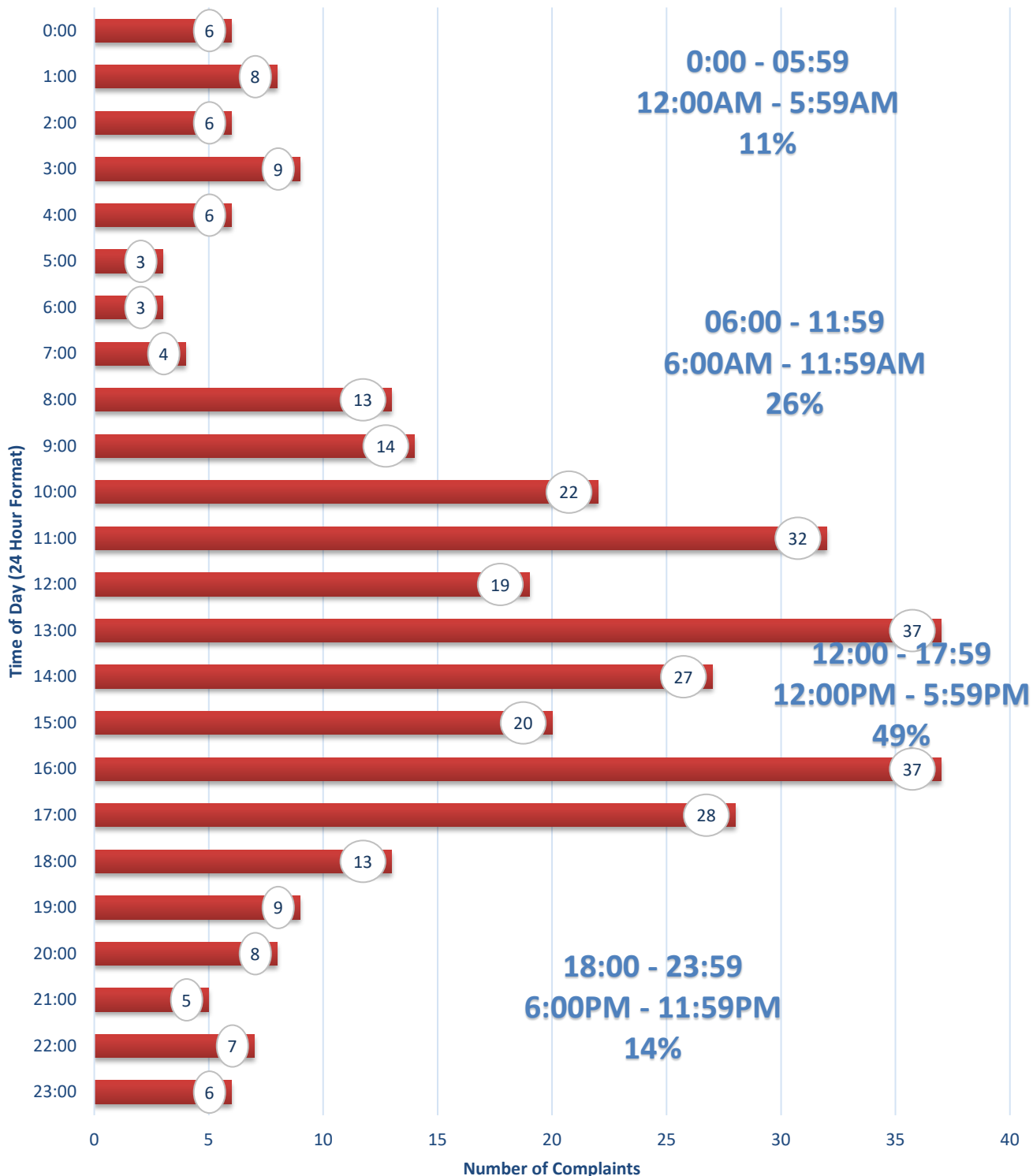


Noise Disturbance Summary

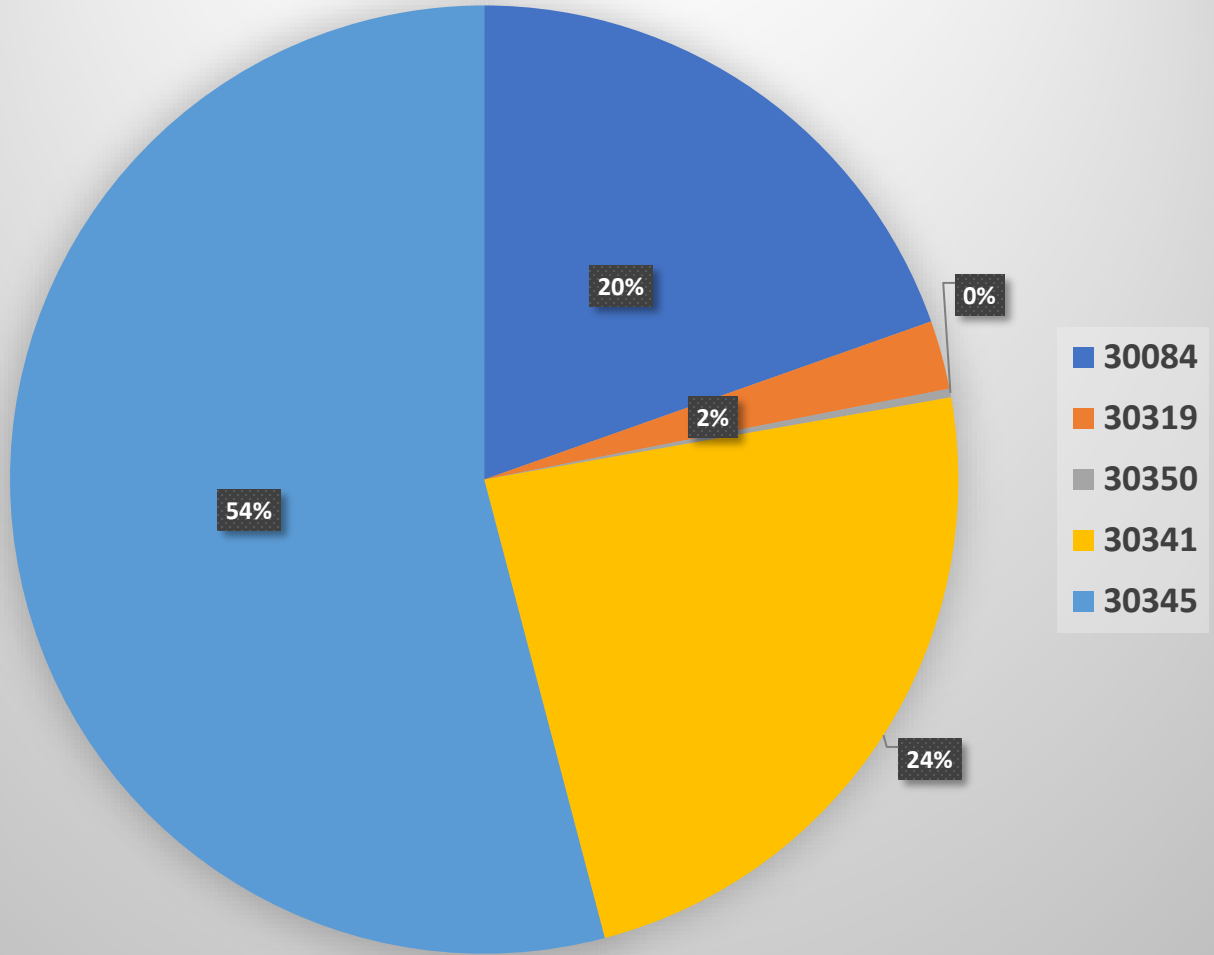
Total complaints for December 2021	Monthly Complaint Average 2021	December 2021 Complaints per Household <i>(minus top two/Households)</i>	December 2021 Complaints per Household <i>All Inclusive</i>
342	284	10.9	20.1



Number of Complaints by Hour



Zip Code Complpains

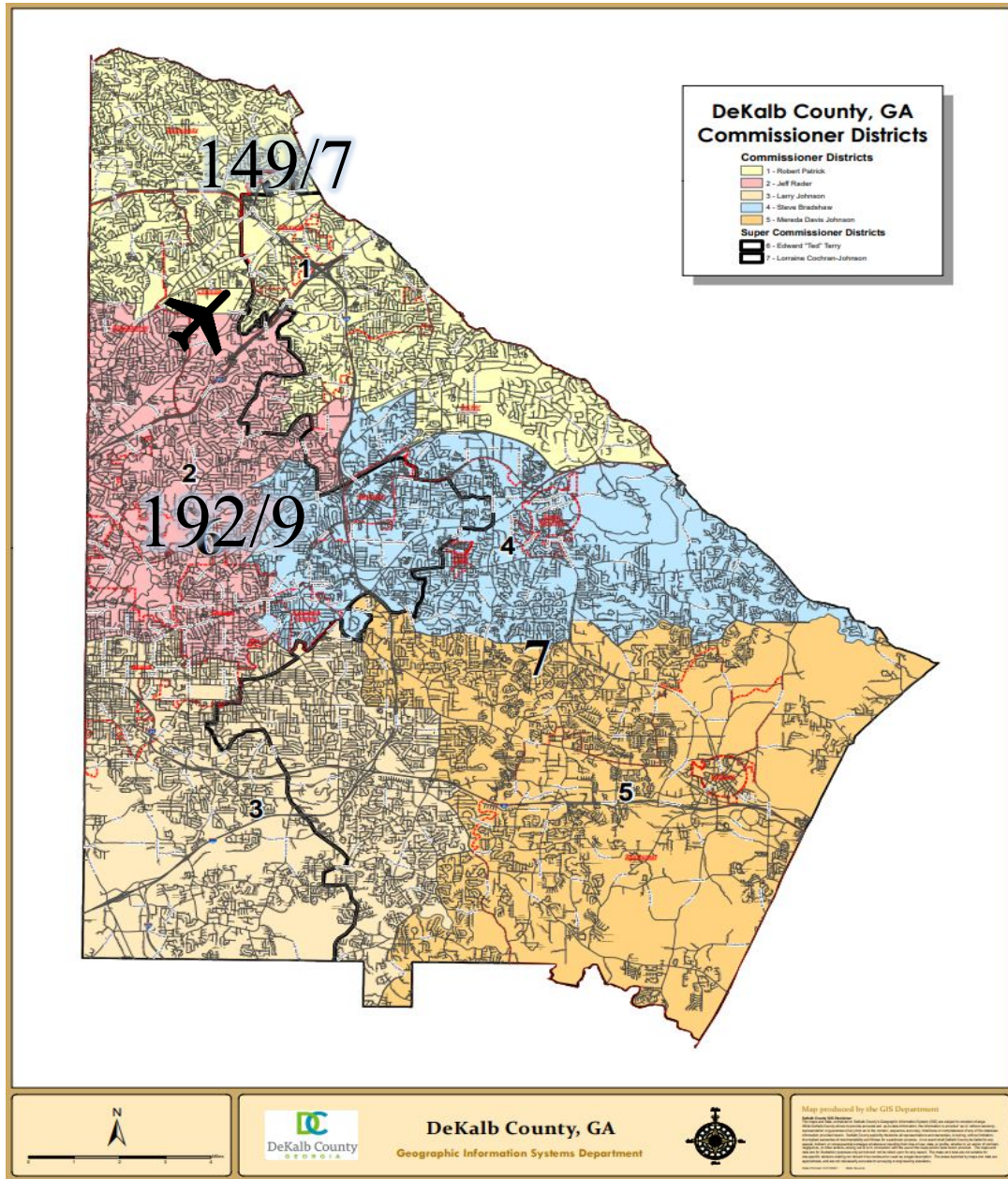


Zip Code Guide		
Zip Code	Community	% of Complaints
30319	Brookhaven	2%
30341	Chamblee - North	24%
30345	Chamblee – South	54%
30350	Atlanta	<1%
30084	Tucker	20%

Complaints by Caller

<i>Name</i>	<i>Address</i>	<i>City</i>	<i>Zip Code</i>	<i>ItemCount</i>
Sheppard	2855 Arrow Creek Dr	Atlanta	30341	1
Schneeberg	2707 Ashford Rd, NE	Atlanta	30319	7
Myers	2860 Talisman Ct NE	Atlanta	30345	1
Johnson	5200 Peachtree Rd	Atlanta	30341	30
Menand	4248 Browning Chase Dr	Tucker	30084	67
Hummel	2854 Greenbrook Way NE	Atlanta	30345	111
Jager	205 Cliff Overlook	Atlanta	30350	1
Durden	2500 Emerald Ridge Ct NE	Atlanta	30345	3
Anon-1	LaVenture Forest	Atlanta	30341	47
Dutro	1641 Council Bluff Dr NE	Atlanta	30345	25
Kerns	2686 Cove Cir NE	Brookhaven	30319	1
Mercante	2145 Heritage Dr NE	Atlanta	30345	9
Penn	3039 Skyland Dr NE	Chamblee	30341	2
Fox	2423 Woodacres Rd NE	Atlanta	30345	11
McSwanson	3789 Donaldson Dr	Atlanta	30341	1
Hill	2014 Dering Cir NE	Atlanta	30345	24
Bozza	2735 Briarlake Woods Way NE	Atlanta	30345	1

Complaints per Commission District



Total Number of Complaints/
Total Number of Complainants




341/16

There were **1** complainant(s) outside of DeKalb County with **1** complaint(s) total.

There were **0** complainant(s) with an unknown address with **0** complaint(s) total.

Correlation Chart of Noise Complaints to Operations

Chart Legend:

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

The airport correlated **339 (98%)** out of **342** complaints:

- **322 or 94.2%** of the noise complaints were found to be **Direct** correlations
- **17 or 5.0%** were **Indirect** correlations to operations.
- **3 or 0.8%** 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: pdknoise@dekalbcountyga.gov

Name	Offense Time	Flight Time	RWY	Ops	Aircraft Type	Aircraft ID	NMS	Lmax
Johnson	12/23/2021 13:20	12/23/2021 13:12	03L	D	UNKN	N801Q	NMS01	80.1
Johnson	12/23/2021 13:09	12/23/2021 13:07	03R	D	UNKN	N241EB	NMS01	86.8
Johnson	12/23/2021 12:51	12/23/2021 12:40	03R	D	B350	N141CE	NMS01	76.1
Johnson	12/21/2021 8:30	12/21/2021 8:29	03R	A	PC12	N474TT	NMS01	67.7
McSwanson	12/16/2021 1:26	12/16/2021 1:18	03R	D	AC50	CTL67	NMS01	82.2
Johnson	12/7/2021 8:30	12/7/2021 8:28	03L	D	COL4	N5194Y	NMS01	78.8
Johnson	12/3/2021 20:44	12/3/2021 20:42	03L	D	UNKN	N102SW	NMS01	69.2
Anon-1	12/30/2021 22:51	12/30/2021 22:44	21L	D	GLF5	BFY320R		
Hill	12/30/2021 10:45	12/30/2021 10:20	21L	D	HDJT	N420HB		
Menand	12/29/2021 11:13	12/29/2021 11:03	21L	D	C25C	N74TB		
Anon-1	12/29/2021 1:03	12/29/2021 1:03	UNK	D	AC50	CTL67		
Anon-1	12/28/2021 23:42	12/28/2021 23:38	21L	D	LJ55	N455RH		
Hummel	12/28/2021 12:58	12/28/2021 12:36	21R	D	P28A	N84400		
Hill	12/28/2021 12:27	12/28/2021 12:15	21L	D	C25C	ASZ13		
Hill	12/28/2021 12:20	12/28/2021 12:16	21L	D	C550	N882RB		
Hill	12/28/2021 12:18	12/28/2021 12:16	21L	D	GLF4	N40VC		
Hill	12/28/2021 12:00	12/28/2021 11:53	21L	D	C525	MVP108		
Schneeberg	12/28/2021 11:40	12/28/2021 11:38	16	D	HELO	N5QV		
Hummel	12/27/2021 15:09	12/27/2021 15:03	21R	D	SR22	N795AM		
Hummel	12/27/2021 13:15	12/27/2021 13:14	21L	D	B350	GAJ850		
Schneeberg	12/27/2021 12:41	12/27/2021 12:39	21L	D	PC12	N681GH		
Durden	12/27/2021 8:01	12/27/2021 7:57	21L	D	CL35	EJA798		
Anon-1	12/26/2021 20:53	12/26/2021 20:47	21L	D	GLEK	N2FE		

Menand	12/26/2021 19:11	12/26/2021 19:00	21L	D	CL35	EJA752		
Hill	12/26/2021 17:58	12/26/2021 17:55	21L	D	F900	N116RW		
Hill	12/26/2021 17:49	12/26/2021 17:43	21L	D	BE40	N408GJ		
Hill	12/26/2021 17:44	12/26/2021 17:34	21L	D	F900	N621MD		
Menand	12/26/2021 17:31	12/26/2021 17:21	21L	D	C441	N326RS		
Menand	12/26/2021 17:14	12/26/2021 17:07	21R	D	UNKN	N7020L		
Hill	12/26/2021 17:07	12/26/2021 16:58	21L	D	C700	N75RA		
Hill	12/26/2021 17:03	12/26/2021 16:47	21L	D	GALX	JTL104		
Menand	12/26/2021 16:42	12/26/2021 16:32	21L	D	UNKN	N637P		
Menand	12/26/2021 16:38	12/26/2021 16:32	21L	D	M20R	N10469		
Menand	12/26/2021 16:36	12/26/2021 16:32	21L	D	M20R	N10469		
Hummel	12/26/2021 14:30	12/26/2021 14:32	21L	A	UNKN	N829MU		
Hummel	12/26/2021 14:11	12/26/2021 13:56	UNK	O	UNKN	N445CH		
Dutro	12/26/2021 14:03	12/26/2021 13:49	21L	T	UNKN	N11CA		
Hummel	12/26/2021 13:35	12/26/2021 13:25	21R	D	AA5	N24AU		
Hummel	12/26/2021 13:07	12/26/2021 12:42	21R	D	SR22	N426DJ		
Hummel	12/26/2021 13:06	12/26/2021 12:42	21R	D	SR22	N426DJ		
Hummel	12/26/2021 12:09	12/26/2021 11:42	21L	D	E55P	EJA407		
Hummel	12/26/2021 11:31	12/26/2021 11:26	21R	T	PA32	N292AW		
Dutro	12/26/2021 10:42	12/26/2021 10:39	21L	D	C525	N787JJ		
Hummel	12/26/2021 10:26	12/26/2021 10:15	21L	D	BE36	N60YA		
Hummel	12/26/2021 10:20	12/26/2021 10:03	21L	D	C182	N6266F		
Mercante	12/26/2021 9:24	12/26/2021 9:03	21R	D	P32R	N349SB		

Dutro	12/26/2021 9:22	12/26/2021 9:12	21L	D	GALX	FWK800		
Anon-1	12/26/2021 3:53							
Menand	12/25/2021 20:32	12/25/2021 20:06	21R	D	UNKN	N6743F		
Menand	12/25/2021 20:24	12/25/2021 20:06	21R	D	UNKN	N6743F		
Menand	12/25/2021 19:28	12/25/2021 19:24	21L	D	LJ60	IJA34		
Hummel	12/25/2021 16:49	12/25/2021 16:57	UNK	A	UNKN	N372AM		
Anon-1	12/25/2021 13:23	12/25/2021 13:13	21L	D	C25C	ASZ13		
Hummel	12/25/2021 11:12	12/25/2021 10:43	21L	D	BE40	DPJ470		
Menand	12/24/2021 18:47	12/24/2021 18:40	UNK	O	BE58	LBQ518		
Hummel	12/24/2021 14:12	12/24/2021 14:12	21R	D	UNKN	N7545J		
Menand	12/24/2021 14:00	12/24/2021 13:53	UNK	O	CL35	N780QS		
Menand	12/24/2021 13:48	12/24/2021 13:54	21L	T	UNKN	N161GT		
Menand	12/24/2021 13:44	12/24/2021 13:54	21L	T	UNKN	N161GT		
Hummel	12/24/2021 12:43	12/24/2021 12:51	21R	A	UNKN	N140SB		
Hummel	12/24/2021 12:35	12/24/2021 12:10	21R	D	P28R	N258SB		
Hummel	12/24/2021 12:29	12/24/2021 12:10	21R	D	P28R	N258SB		
Hummel	12/24/2021 11:14	12/24/2021 11:01	21R	D	C172	N704RB		
Hummel	12/24/2021 10:46	12/24/2021 10:39	21L	D	UNKN	N426DJ		
Hummel	12/24/2021 10:30	12/24/2021 10:13	21L	D	UNKN	N2317V		
Hummel	12/24/2021 10:29	12/24/2021 10:13	21L	D	UNKN	N2317V		
Hummel	12/24/2021 10:25	12/24/2021 10:13	21L	D	UNKN	N2317V		
Anon-1	12/24/2021 3:07	12/24/2021 2:44	21L	D	C208	N414CY		
Anon-1	12/24/2021 2:49	12/24/2021 2:44	21L	D	C208	N414CY		

Anon-1	12/24/2021 2:23	12/24/2021 2:26	21L	A	BE9L	N305TT		
Johnson	12/24/2021 2:13	12/24/2021 2:18	16	A	UNKN	N332AM		
Anon-1	12/23/2021 23:22	12/23/2021 23:07	03L	D	SR22	N24GK		
Fox	12/23/2021 22:46	12/23/2021 22:44	UNK	O	UNKN	N625PA		
Fox	12/23/2021 22:25	12/23/2021 22:20	21L	D	AC50	CTL66		
Menand	12/23/2021 18:30	12/23/2021 18:12	21L	D	UNKN	N21892		
Hummel	12/23/2021 17:18	12/23/2021 17:08	21L	D	C56X	DPJ716		
Hummel	12/23/2021 17:12	12/23/2021 17:08	21L	D	C56X	DPJ716		
Hummel	12/23/2021 16:17	12/23/2021 15:49	21R	D	UNKN	N795AM		
Menand	12/23/2021 16:12	12/23/2021 15:49	21R	D	UNKN	N795AM		
Menand	12/23/2021 16:09	12/23/2021 15:56	UNK	D	UNKN	N427TJ		
Menand	12/23/2021 15:28	12/23/2021 15:38	03R	A	UNKN	EJA533		
Menand	12/23/2021 15:22	12/23/2021 15:25	UNK	A	UNKN	N427TJ		
Johnson	12/23/2021 13:34	12/23/2021 13:30	03R	D	RV14	N114KB		
Johnson	12/23/2021 13:26	12/23/2021 13:23	03L	D	UNKN	N19646		
Johnson	12/23/2021 13:02	12/23/2021 13:05	03L	A	UNKN	N11CA		
Johnson	12/23/2021 12:17	12/23/2021 12:19	UNK	A	UNKN	N46CL		
Fox	12/23/2021 6:41	12/23/2021 7:00	03R	A	PC24	N279AH		
Anon-1	12/23/2021 3:17	12/23/2021 3:08	21L	D	BE9L	N305TT		
Anon-1	12/23/2021 3:12	12/23/2021 3:00	21L	D	C208	N414CY		
Anon-1	12/23/2021 3:10	12/23/2021 3:12	03R	A	BE9L	N377P		
Anon-1	12/23/2021 1:57	12/23/2021 1:50	21L	D	PC24	N279AH		
Anon-1	12/23/2021 1:57	12/23/2021 1:50	21L	D	PC24	N279AH		

Menand	12/22/2021 20:32	12/22/2021 20:38	03R	A	BE9L	N377P		
Dutro	12/22/2021 15:36	12/22/2021 15:31	UNK	D	UNKN	N398AM		
Anon-1	12/22/2021 11:59							
Anon-1	12/22/2021 11:50							
Menand	12/22/2021 9:26	12/22/2021 9:31	03R	A	UNKN	N39EH		
Dutro	12/22/2021 8:53	12/22/2021 9:08	03R	A	BE40	N412GJ		
Anon-1	12/22/2021 3:48	12/22/2021 3:45	03R	D	AC50	CTL68		
Mercante	12/21/2021 22:07	12/21/2021 22:00	UNK	O	BE40	N99ZB		
Anon-1	12/20/2021 23:33	12/20/2021 23:15	UNK	O	C172	N9545F		
Hummel	12/20/2021 11:08	12/20/2021 10:54	UNK	O	UNKN	N445CH		
Hummel	12/20/2021 10:54	12/20/2021 10:50	UNK	O	UNKN	N887AE		
Hummel	12/20/2021 9:56	12/20/2021 10:04	03R	A	UNKN	N458GT		
Dutro	12/20/2021 9:45	12/20/2021 9:50	03R	A	C525	N486CC		
Menand	12/20/2021 8:56	12/20/2021 9:03	03L	A	UNKN	N623KW		
Johnson	12/20/2021 8:28	12/20/2021 8:30	03R	D	UNKN	N1080H		
Anon-1	12/20/2021 6:07	12/20/2021 6:03	UNK	D	UNKN	N2AQ		
Menand	12/19/2021 17:25	12/19/2021 17:32	03L	A	UNKN	N173KM		
Dutro	12/19/2021 17:08	12/19/2021 17:12	03R	A	LJ60	N30GJ		
Dutro	12/19/2021 16:51	12/19/2021 16:55	03R	A	C25B	N16BG		
Hummel	12/19/2021 15:24	12/19/2021 15:28	03R	A	C750	N752WJ		
Menand	12/19/2021 11:04	12/19/2021 10:55	UNK	O	UNKN	UNKNOWN		
Hummel	12/18/2021 13:09	12/18/2021 13:01	21L	D	BE40	N442GJ		
Anon-1	12/18/2021 1:42	12/18/2021 1:42	21L	D	GLF4	DCM2467		

Hummel	12/17/2021 18:20	12/17/2021 18:01	21L	D	P28A	N54404		
Hummel	12/17/2021 18:01	12/17/2021 17:44	21R	D	SR20	N915MA		
Menand	12/17/2021 17:49	12/17/2021 17:42	21L	D	CL30	N300JE		
Menand	12/17/2021 17:03	12/17/2021 16:54	21R	D	UNKN	N7020L		
Menand	12/17/2021 16:31	12/17/2021 16:19	UNK	D	UNKN	N733AA		
Hummel	12/17/2021 15:20	12/17/2021 15:15	UNK	O	C56X	N560GR		
Menand	12/17/2021 15:03	12/17/2021 14:56	UNK	O	UNKN	N905CH		
Hummel	12/17/2021 15:01	12/17/2021 14:49	21L	D	PA31	N4042M		
Hummel	12/17/2021 14:32	12/17/2021 14:32	UNK	D	PC12	N330NX		
Hummel	12/17/2021 13:48	12/17/2021 13:39	21L	D	UNKN	N1032H		
Hummel	12/17/2021 13:46	12/17/2021 13:33	21L	D	S22T	N374TT		
Menand	12/17/2021 13:38	12/17/2021 13:26	21L	D	BE58	GTX503		
Hummel	12/17/2021 13:36	12/17/2021 13:26	21L	D	BE58	GTX503		
Menand	12/17/2021 10:29	12/17/2021 10:14	21L	D	HDJT	N420FT		
Durden	12/16/2021 19:13	12/16/2021 19:05	21R	D	P28R	N2995R		
Menand	12/16/2021 17:32	12/16/2021 17:27	21R	D	UNKN	N178AF		
Menand	12/16/2021 16:45	12/16/2021 16:38	UNK	O	H25B	N963XP		
Menand	12/16/2021 16:43	12/16/2021 16:37	UNK	O	H25B	N880HP		
Menand	12/16/2021 16:30	12/16/2021 16:16	21R	D	BE58	N811DC		
Hill	12/16/2021 16:29	12/16/2021 16:16	21R	D	BE58	N811DC		
Hill	12/16/2021 16:26	12/16/2021 16:32	UNK	A	C68A	EJA584		
Hill	12/16/2021 16:25	12/16/2021 16:32	UNK	A	C68A	EJA584		
Hill	12/16/2021 16:19	12/16/2021 16:09	21L	D	C25B	DPJ491		

Hill	12/16/2021 16:17	12/16/2021 16:09	21L	D	E55P	N1WC		
Hill	12/16/2021 16:16	12/16/2021 16:03	21L	D	H25B	N87PK		
Hill	12/16/2021 16:12	12/16/2021 16:01	21L	D	J328	UJC928		
Menand	12/16/2021 16:06	12/16/2021 15:57	21L	D	C25B	DPJ286		
Hummel	12/16/2021 15:41	12/16/2021 15:16	21L	D	UNKN	WING88		
Menand	12/16/2021 15:04	12/16/2021 15:02	UNK	D	LJ60	N901PM		
Hummel	12/16/2021 9:39	12/16/2021 9:45	03R	A	FA7X	N9997X		
Hummel	12/16/2021 9:35	12/16/2021 9:40	03R	A	P46T	N952G		
Hummel	12/16/2021 9:16	12/16/2021 9:19	03L	A	P28R	N2995R		
Hummel	12/16/2021 8:58	12/16/2021 9:02	03R	A	PC24	N279AH		
Bozza	12/16/2021 8:58	12/16/2021 9:02	03R	A	PC24	N279AH		
Fox	12/15/2021 22:30	12/15/2021 22:24	21L	D	AC50	CTL66		
Menand	12/15/2021 21:10	12/15/2021 21:02	UNK	D	UNKN	N427TJ		
Menand	12/15/2021 17:43	12/15/2021 17:35	21L	D	CL60	N605AG		
Hill	12/15/2021 16:14	12/15/2021 16:10	21R	D	UNKN	N19646		
Hill	12/15/2021 15:45	12/15/2021 15:37	21L	D	F2TH	BOG71		
Hill	12/15/2021 14:41	12/15/2021 14:34	21L	D	CL35	EJA798		
Hummel	12/15/2021 14:01	12/15/2021 13:37	21R	D	UNKN	N19646		
Hill	12/15/2021 13:53	12/15/2021 13:49	21L	D	GLF4	DCM4212		
Hill	12/15/2021 13:45	12/15/2021 13:27	21L	D	H25B	N702CS		
Hill	12/15/2021 13:02	12/15/2021 12:56	21L	D	FA50	EJM54		
Hill	12/15/2021 12:54	12/15/2021 12:39	21L	D	H25B	N977LC		
Hummel	12/15/2021 12:44	12/15/2021 12:27	21R	D	SR22	N553LB		

Hummel	12/15/2021 12:36	12/15/2021 12:08	21R	D	UNKN	N161GT		
Hummel	12/15/2021 12:22	12/15/2021 12:09	21L	D	BE58	GTX502		
Hummel	12/15/2021 11:41	12/15/2021 11:27	21R	D	S22T	N731JM		
Hummel	12/15/2021 11:10	12/15/2021 10:55	21L	D	PC12	N859PL		
Hummel	12/15/2021 11:06	12/15/2021 10:55	21L	D	PC12	N859PL		
Hummel	12/15/2021 11:05	12/15/2021 10:55	21L	D	PC12	N859PL		
Fox	12/15/2021 4:52	12/15/2021 4:43	21L	D	E35L	CWG742		
Dutro	12/14/2021 17:37	12/14/2021 17:38	03R	A	UNKN	GAJ863		
Hummel	12/14/2021 16:57	12/14/2021 17:03	03L	A	UNKN	N9058S		
Menand	12/14/2021 15:29	12/14/2021 15:25	03L	D	UNKN	N3066D		
Dutro	12/14/2021 13:58	12/14/2021 14:04	03R	A	GLF4	TWY89		
Hummel	12/14/2021 9:38	12/14/2021 9:43	03R	A	SR22	N877PR		
Hummel	12/14/2021 9:34	12/14/2021 9:39	03R	A	UNKN	N804AC		
Johnson	12/14/2021 8:29	12/14/2021 8:31	03R	A	BE20	N213DB		
Anon-1	12/14/2021 4:14	12/14/2021 4:08	03R	D	AC50	CTL68		
Anon-1	12/14/2021 2:59	12/14/2021 2:59	16	A	C208	N208LS		
Penn	12/14/2021 1:44	12/14/2021 1:43	34	D	UNKN	N625PA		
Anon-1	12/14/2021 1:13	12/14/2021 1:12	03R	D	AC50	CTL67		
Anon-1	12/13/2021 22:49	12/13/2021 22:53	03R	A	BE20	CTE615		
Anon-1	12/13/2021 22:49	12/13/2021 22:53	03R	A	BE20	CTE615		
Fox	12/13/2021 19:31	12/13/2021 19:26	03R	D	GLF5	N523AC		
Anon-1	12/13/2021 19:20	12/13/2021 19:06	03R	D	C56X	EJA566		
Anon-1	12/13/2021 19:11	12/13/2021 19:03	03R	D	FA7X	JET1		

Menand	12/13/2021 18:20	12/13/2021 18:20	03R	T	FA7X	N302ML		
Menand	12/13/2021 18:12	12/13/2021 18:20	03R	T	FA7X	N302ML		
Dutro	12/13/2021 17:20	12/13/2021 17:24	03R	A	C510	N668JP		
Hummel	12/13/2021 15:46	12/13/2021 15:50	03R	A	PC12	N401SM		
Dutro	12/13/2021 15:45	12/13/2021 15:48	03R	A	UNKN	N702CS		
Hummel	12/13/2021 15:40	12/13/2021 15:15	16	T	UNKN	N5QV		
Hummel	12/13/2021 15:28	12/13/2021 15:32	03R	A	PC12	N681GH		
Hummel	12/13/2021 15:18	12/13/2021 15:21	03R	A	UNKN	N84400		
Johnson	12/13/2021 15:01	12/13/2021 14:50	34	D	UNKN	N46HX		
Hummel	12/13/2021 14:55	12/13/2021 15:01	03R	A	UNKN	N972EB		
Johnson	12/13/2021 13:27	12/13/2021 13:14	UNK	D	C68A	EJA508		
Menand	12/13/2021 13:15	12/13/2021 13:22	03R	A	PC12	CNS1220		
Menand	12/13/2021 13:11	12/13/2021 13:19	03R	A	C750	FTH200		
Menand	12/13/2021 11:40	12/13/2021 11:46	03R	A	C56X	EGC957		
Johnson	12/13/2021 11:17	12/13/2021 11:03	03L	D	UNKN	N2105X		
Johnson	12/13/2021 11:13	12/13/2021 11:13	03R	A	F2TH	DCM4190		
Johnson	12/13/2021 10:39	12/13/2021 10:21	UNK	D	UNKN	N5QV		
Johnson	12/13/2021 10:38	12/13/2021 10:21	UNK	D	UNKN	N5QV		
Johnson	12/13/2021 10:33	12/13/2021 10:31	03L	D	UNKN	N11CA		
Dutro	12/13/2021 7:41	12/13/2021 7:47	03R	A	PC24	N8TS		
Hummel	12/12/2021 19:19	12/12/2021 19:11	03L	T	MO20	N4791H		
Menand	12/12/2021 14:46	12/12/2021 14:52	03R	A	G280	N268PC		
Menand	12/12/2021 14:44	12/12/2021 14:52	03R	A	G280	N268PC		

Menand	12/12/2021 14:18	12/12/2021 14:24	03R	A	PC12	N681GH		
Menand	12/12/2021 11:07	12/12/2021 10:59	UNK	O	F2TH	N1VM		
Menand	12/12/2021 10:50	12/12/2021 10:55	03R	A	CL60	HPJ650		
Anon-1	12/11/2021 20:56	12/11/2021 20:59	21L	A	FA50	N92CJ		
Mercante	12/11/2021 13:29	12/11/2021 13:20	21L	D	C560	N100WP		
Fox	12/11/2021 13:29	12/11/2021 13:20	21L	D	C560	N100WP		
Fox	12/11/2021 13:27	12/11/2021 13:21	21L	D	GLF5	N102DZ		
Hummel	12/11/2021 10:34	12/11/2021 10:14	21L	D	BE76	N6711G		
Mercante	12/11/2021 10:05	12/11/2021 9:56	21L	D	UNKN	N317PC		
Hummel	12/11/2021 10:04	12/11/2021 9:56	21L	D	UNKN	N317PC		
Hummel	12/10/2021 17:15	12/10/2021 17:30	8L	A	E55P	UNKNOWN		
Hummel	12/9/2021 13:39	12/9/2021 13:50	03R	T	C68A	EJA506		
Hummel	12/9/2021 13:33	12/9/2021 13:50	03R	T	C68A	EJA506		
Menand	12/9/2021 11:48	12/9/2021 11:46	UNK	O	UNKN	N98PC		
Dutro	12/9/2021 9:23	12/9/2021 9:29	03R	A	ASTR	N207BC		
Fox	12/8/2021 21:08	12/8/2021 21:15	03R	A	PC12	N401SM		
Menand	12/8/2021 8:23	12/8/2021 8:08	21R	D	SR22	N131EA		
Dutro	12/7/2021 18:55	12/7/2021 19:01	03R	A	FA50	N314AM		
Schneeberg	12/7/2021 17:10	12/7/2021 17:02	03L	T	UNKN	N6919J		
Menand	12/7/2021 17:06	12/7/2021 17:15	03R	A	BE9L	N377P		
Menand	12/7/2021 16:19	12/7/2021 16:25	03R	A	CL30	EJM200		
Schneeberg	12/7/2021 13:50	12/7/2021 13:57	03R	A	LJ35	N505GJ		
Hummel	12/7/2021 13:14	12/7/2021 13:40	03R	A	UNKN	GAJ902		
Anon-1	12/7/2021 3:53	12/7/2021 3:53	03R	D	AC50	CTL68		
Anon-1	12/7/2021 3:44	12/7/2021 3:43	03R	A	FA50	N77ME		

Penn	12/7/2021 0:56	12/7/2021 0:54	UNK	D	UNKN	N445CH		
Hummel	12/6/2021 11:46	12/6/2021 11:43	21L	D	C650	N77SF		
Hummel	12/6/2021 10:43	12/6/2021 10:42	UNK	D	UNKN	UNKNOWN		
Hummel	12/6/2021 10:41	12/6/2021 10:40	UNK	T	C414	N414NC		
Menand	12/6/2021 7:11	12/6/2021 7:10	21L	D	B350	GAJ886		
Anon-1	12/6/2021 2:46	12/6/2021 2:46	UNK	A	C208	N208LS		
Myers	12/5/2021 18:32	12/5/2021 18:37	21L	D	C25B	N16BG		
Mercante	12/5/2021 17:00	12/5/2021 16:32	21L	T	CL35	N724EH		
Hummel	12/5/2021 16:57	12/5/2021 16:55	21L	D	C550	N447SF		
Mercante	12/5/2021 16:53	12/5/2021 16:43	21L	D	C680	N711FS		
Hummel	12/5/2021 16:43	12/5/2021 16:29	21L	D	CL35	EJA757		
Menand	12/5/2021 16:43	12/5/2021 16:34	21L	D	PC12	N247LC		
Hummel	12/5/2021 16:41	12/5/2021 16:29	21L	D	CL35	EJA757		
Hummel	12/5/2021 16:39	12/5/2021 16:29	21L	D	CL35	EJA757		
Hummel	12/5/2021 16:35	12/5/2021 16:29	21L	D	CL35	EJA757		
Hummel	12/5/2021 14:50	12/5/2021 14:49	21R	D	UNKN	N704RB		
Hummel	12/5/2021 14:30	12/5/2021 14:25	21R	D	BE35	N4177S		
Johnson	12/5/2021 14:24	12/5/2021 14:21	21L	D	G280	N268PC		
Johnson	12/5/2021 14:23	12/5/2021 14:21	21L	D	G280	N268PC		
Hummel	12/5/2021 14:18	12/5/2021 14:03	21R	D	SR22	N927SF		
Johnson	12/5/2021 14:13	12/5/2021 14:14	03L	D	UNKN	N102SW		
Hummel	12/5/2021 14:10	12/5/2021 14:08	21L	D	PC12	CNS257		
Johnson	12/5/2021 14:09	12/5/2021 14:14	03L	D	UNKN	N102SW		
Johnson	12/5/2021 14:07	12/5/2021 14:05	21L	D	BE20	N7250T		

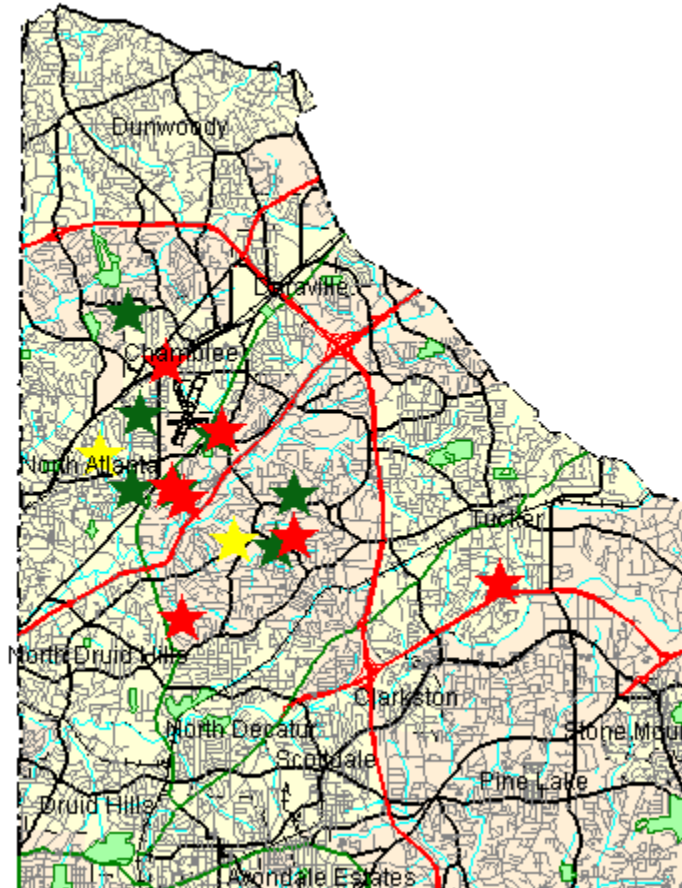
Hummel	12/5/2021 14:05	12/5/2021 13:57	21L	D	PC12	DCM1510		
Johnson	12/5/2021 14:03	12/5/2021 13:57	21L	D	PC12	DCM1510		
Menand	12/5/2021 14:01	12/5/2021 13:54	21L	D	UNKN	N721EC		
Johnson	12/5/2021 14:00	12/5/2021 13:57	21L	D	PC12	DCM1510		
Menand	12/5/2021 13:58	12/5/2021 13:54	21L	D	UNKN	N721EC		
Hummel	12/5/2021 13:51	12/5/2021 13:43	21L	D	C414	N6161Z		
Johnson	12/5/2021 13:12	12/5/2021 13:12	21L	D	GLF4	DCM2467		
Mercante	12/5/2021 11:43	12/5/2021 11:42	21L	D	C25B	N757PC		
Dutro	12/5/2021 9:32	12/5/2021 9:23	21L	D	PRM1	N952SP		
Mercante	12/5/2021 9:31	12/5/2021 9:26	21L	D	H25B	N812LL		
Hummel	12/5/2021 8:34	12/5/2021 8:19	21R	D	S22T	N919SS		
Fox	12/5/2021 7:14	12/5/2021 7:13	21L	D	PRM1	N273KT		
Durden	12/5/2021 6:23	12/5/2021 6:34	21L	A	PRM1	N273KT		
Anon-1	12/5/2021 4:25	12/5/2021 4:19	16	D	C208	N208LS		
Kerns	12/4/2021 21:28	12/4/2021 21:19	21L	D	C414	N759JS		
Mercante	12/4/2021 18:08	12/4/2021 17:58	21L	D	H25B	N535RV		
Hummel	12/4/2021 16:31	12/4/2021 16:26	21R	D	UNKN	N581CH		
Hummel	12/4/2021 14:02	12/4/2021 13:49	21L	D	BE76	N6711G		
Hummel	12/4/2021 11:15	12/4/2021 10:57	21L	D	C56X	EJA573		
Hummel	12/4/2021 11:04	12/4/2021 10:47	21L	D	BE20	N431SC		
Hummel	12/4/2021 10:55	12/4/2021 10:32	21R	D	UNKN	N9362M		
Anon-1	12/4/2021 5:27	12/4/2021 5:23	03R	D	C25B	JLG533		
Anon-1	12/4/2021 3:38	12/4/2021 3:32	03R	D	LJ55	N211GS		
Anon-1	12/4/2021 2:45	12/4/2021 2:37	21L	D	AC50	CTL68		
Anon-1	12/4/2021 0:15	12/4/2021 0:11	21L	D	AC50	CTL67		
Fox	12/4/2021 0:05	12/4/2021 0:05	21L	D	BE40	UWD77		
Anon-1	12/4/2021 0:05	12/4/2021 0:05	21L	D	BE40	UWD77		
Menand	12/3/2021 23:17	12/3/2021 23:25	21L	A	S22T	N344MD		

Johnson	12/3/2021 20:56	12/3/2021 20:54	03R	T	SR22	N107TQ		
Menand	12/3/2021 20:25	12/3/2021 20:31	03R	A	CL35	EJA766		
Dutro	12/3/2021 18:27	12/3/2021 18:44	03R	A	UNKN	N191N		
Dutro	12/3/2021 18:17	12/3/2021 18:21	03R	A	C560	N216BG		
Dutro	12/3/2021 17:41	12/3/2021 17:43	03R	A	CL60	N902AG		
Dutro	12/3/2021 17:31	12/3/2021 17:36	03R	A	BE35	N4177S		
Dutro	12/3/2021 17:00	12/3/2021 17:04	03R	A	C56X	N5150V		
Dutro	12/3/2021 16:01	12/3/2021 16:05	03R	A	C56X	EJA573		
Hummel	12/3/2021 13:03	12/3/2021 13:04	03L	A	PA34	N3570B		
Hummel	12/3/2021 12:03	12/3/2021 11:46	UNK	O	UNKN	N1080H		
Hummel	12/3/2021 11:54	12/3/2021 11:57	03R	A	PC12	N247LC		
Hummel	12/3/2021 11:51	12/3/2021 11:57	03R	A	PC12	N247LC		
Dutro	12/3/2021 11:12	12/3/2021 11:18	03L	A	C210	N2220S		
Dutro	12/3/2021 11:10	12/3/2021 11:18	03L	A	C210	N2220S		
Johnson	12/3/2021 8:29	12/3/2021 8:29	03R	A	GLF5	TWY54		
Anon-1	12/3/2021 7:08	12/3/2021 7:12	03R	A	F900	WDY670		
Anon-1	12/3/2021 5:36	12/3/2021 5:33	03R	D	C56X	N100YB		
Jager	12/3/2021 4:04	12/3/2021 4:01	21L	D	C650	N650AS		
Anon-1	12/3/2021 1:51	12/3/2021 1:54	21L	A	FA50	N171TG		
Anon-1	12/3/2021 0:46	12/3/2021 0:40	21L	D	AC50	CTL67		
Hummel	12/2/2021 23:17	12/2/2021 23:10	21L	D	BE9L	N329GS		
Sheppard	12/2/2021 21:15	12/2/2021 21:38	21L	A	GLEX	JAS667		
Hummel	12/2/2021 19:45	12/2/2021 19:40	21L	D	LJ45	ULA317		
Hummel	12/2/2021 19:39	12/2/2021 19:32	21L	D	UNKN	N820SL		
Hummel	12/2/2021 18:04	12/2/2021 17:55	21L	D	B350	N327R		
Menand	12/2/2021 16:58	12/2/2021 16:38	UNK	O	UNKN	N206TJ		

Hummel	12/2/2021 16:50	12/2/2021 16:36	21R	D	UNKN	N81771		
Menand	12/2/2021 16:42	12/2/2021 16:32	21L	D	PC12	N247LC		
Hummel	12/2/2021 15:30	12/2/2021 15:17	21R	D	BE76	N6711G		
Hummel	12/2/2021 15:11	12/2/2021 14:48	21R	D	UNKN	N404YZ		
Hummel	12/2/2021 13:21	12/2/2021 13:12	21L	D	SR22	N822MS		
Hummel	12/2/2021 12:54	12/2/2021 13:05	21R	A	UNKN	N54404		
Menand	12/2/2021 12:33	12/2/2021 12:25	21L	D	GLF5	EJM168		
Hummel	12/2/2021 11:56	12/2/2021 11:48	21L	D	BE40	JTL61		
Menand	12/2/2021 11:56	12/2/2021 11:48	21L	D	BE40	JTL61		
Hummel	12/2/2021 11:38	12/2/2021 11:19	21R	T	UNKN	N54404		
Hummel	12/2/2021 11:29	12/2/2021 11:10	21R	D	UNKN	N314GT		
Hummel	12/2/2021 11:26	12/2/2021 11:10	21R	D	UNKN	N314GT		
Hummel	12/2/2021 11:06	12/2/2021 11:02	UNK	D	UNKN	N5QV		
Hummel	12/2/2021 10:57	12/2/2021 11:02	UNK	D	UNKN	N5QV		
Dutro	12/2/2021 8:50	12/2/2021 8:53	03R	A	GLF5	N550DX		
Anon-1	12/2/2021 0:26	12/2/2021 0:30	UNK	A	LJ60	N30GJ		
Anon-1	12/1/2021 23:14	12/1/2021 23:18	21L	A	E135	N403RW		
Anon-1	12/1/2021 21:35	12/1/2021 21:33	21L	D	GLF4	N59AP		
Menand	12/1/2021 18:41	12/1/2021 18:50	21L	A	SR22	N718AJ		
Menand	12/1/2021 17:42	12/1/2021 17:41	21L	A	UNKN	N908CB		
Schneeberg	12/1/2021 17:10	12/1/2021 16:48	21R	D	C172	N5208K		
Schneeberg	12/1/2021 17:01	12/1/2021 16:49	21R	D	UNKN	N23VS		
Schneeberg	12/1/2021 17:01	12/1/2021 16:49	21R	D	UNKN	N23VS		
Hummel	12/1/2021 16:47	12/1/2021 16:36	21R	D	UNKN	N7579W		

Hummel	12/1/2021 16:35	12/1/2021 16:07	21R	D	UNKN	N908CB		
Hummel	12/1/2021 14:42	12/1/2021 14:32	21R	D	UNKN	N7545J		
Menand	12/1/2021 13:19	12/1/2021 13:06	21L	D	CL30	N52JT		
Hummel	12/1/2021 10:22	12/1/2021 10:12	UNK	D	UNKN	N5QV		
Hummel	12/1/2021 9:49	12/1/2021 9:53	03R	A	BE20	N399WM		
Anon-1	12/1/2021 5:41	12/1/2021 6:08	21L	T	CL30	LXJ528		
Anon-1	12/1/2021 4:28	12/1/2021 4:09	21L	D	C208	N208LS		
Menand	12/1/2021 4:18	12/1/2021 4:09	21L	D	C208	N208LS		

Disturbance Location Pin Map – December 2021



1-5 Complaints



6-10 Complaints



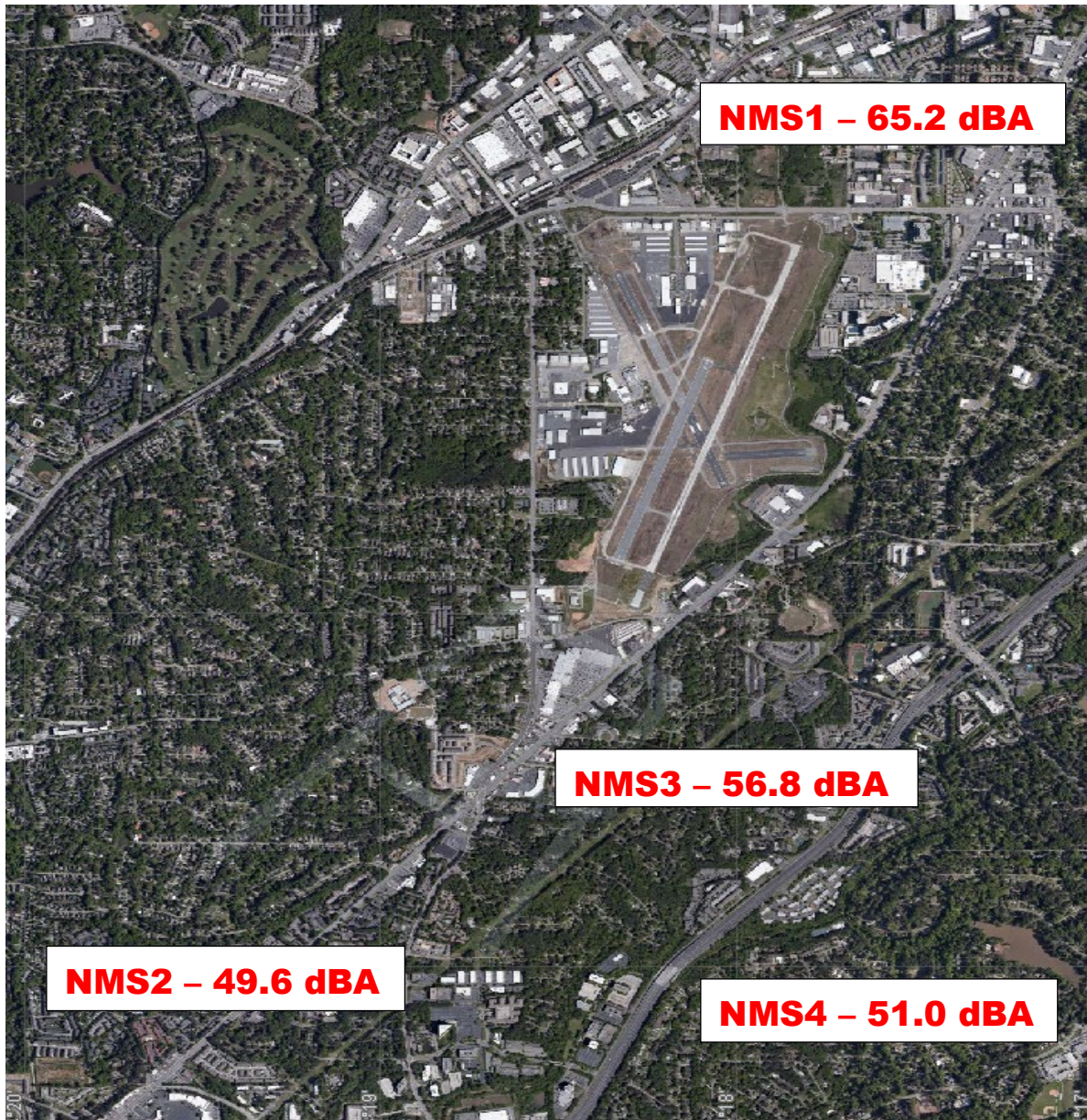
11+ Complaints

Complainants with Complaints Total

(1 Complainant(s) outside of DeKalb County; and 1 unknown)

Monthly Noise Levels at Monitors

December 2021



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 **340 (99.7%)** of the **341** operations during the voluntary curfew period (11PM-6AM) during the month of **December 2021**. Of the **340** identified operations, **192 (56.5%)** 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, **90 one-time** operations were conducted during this period.
- Out of the *identified* operations, **250 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:

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

53 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:

342 complaints were received during **December 2021**.

44 (13%) 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 2021 N#'s (Multi-Use):

30 Aircraft with 2 Operations (N8188J, EJA671, N36LJ, GRB017, N734TJ, N21SP, N877W, RAX1502, EJM17, MLN332, **CTE585**, N929GW, **N355AE**, N953F, N85BZ, N171TG, N169SD, N224KC, **N911VU**, DCM2467, **N553AE**, PKW669, N455RH, N47CL, SCM40, CWG742, **N423AE**, **SKQ31**, **N421FC**, N30GJ)

9 Aircraft with 3 Operations (N7355J, **N649AE**, **N542MT**,

N309CJ, N650AS, JLG533, N16BG, N489MH, N154CA

1 Aircraft with 27 Operations (**N208LS**)

8 Aircraft with 4 Operations (N305TT, N279AH, N43TA,

1 Aircraft with 38 Operations (**CTL67**)

N377P, **N891AA**, **N895CR**, **RAX123**, **RAX131**)

1 Aircraft with 6 Operations (**RAX777**)

4 Aircraft with 9 Operations (**N445CH**)

2 Aircraft with 26 Operations (**N414CY**, **CTL68**)

Last Month – November 2021 N#'s (Multi-Use):

38 Aircraft with 2 Operations (PEG650, GRB914, N714JB, N10HD, N900EB, N1128M, N100BR, N11CA, N805DW, N375JP, N244LJ, **N377P**, N910U, N125SB, N245DS, N131BL, N327GA, VTE611, N7JG, WWI80, N80LJ, N20431, N860CR, EJA615, **N895VA**, **CTL68**, N900TE, N621LC, N911VU, N624SD, **RAX1073**, **N649AE**, N251GM, N650AS, EJA311, N704DA, N70KH, N469ES, N46WY, N44ZF, **N395AE**)

3 Aircraft with 3 Operations (**EMD28**, N330NX, **N210CM**)

4 Aircraft with 4 Operations (N859PL, **RAX123**, **N329GS**, **CTE615**)

1 Aircraft with 5 Operations (DCM2467)

4 Aircraft with 6 Operations (**RAX1502**, **N279AH**, **N56LW**, **N887AE**)

1 Aircraft with 7 Operations (**N332AM**)

2 Aircraft with 8 Operations (**RAX123**, **SKQ43**)

1 Aircraft with 12 Operations (**N445CH**)

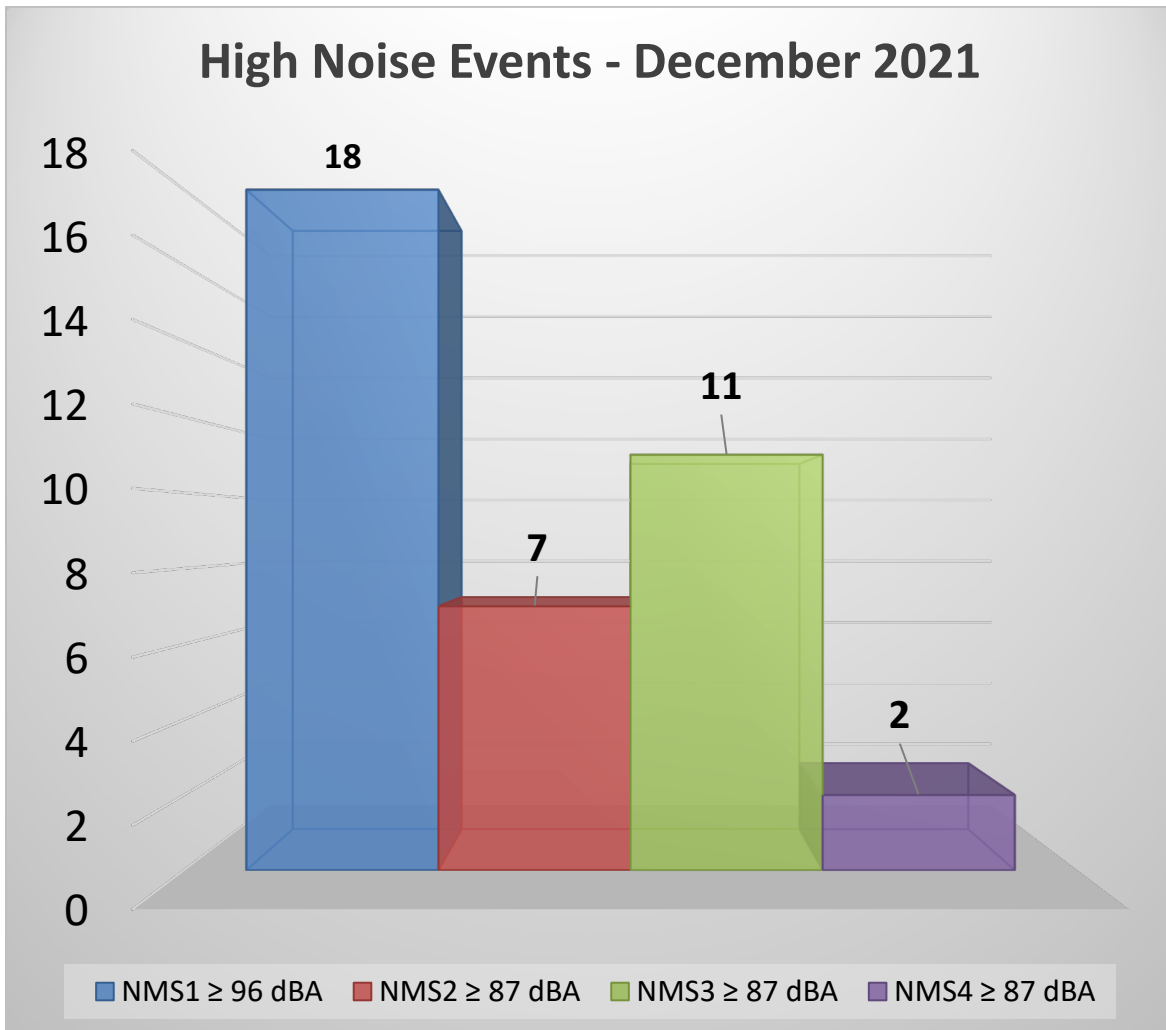
1 Aircraft with 24 Operations (**N208LS**)

1 Aircraft with 32 Operations (**SKQ31**)

A total of **148** 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 **96 dBA Lmax** or greater. All other monitors, NMS2, 3, & 4 are located in residential areas and are set at **87 dBA Lmax** or greater. A Total of **35** advisory letters were sent out this month for aircraft identified as Exceeding PDK's high noise event threshold.



December 2021

0 Aircraft with 2 or more High Noise Event

November 2021

2 Aircraft with 2 or more High Noise Event

N2551U, N880HP

Comments/Concerns?

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