



# Monthly Noise & Operations Report July 2023

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

## July 2023 Aircraft Operations:

	<b>This Month</b>	This Month, Last Year (July 2022)	% Change from July 2022	5-Year Average for Month
Total Operations	<b>15,683</b>	<b>12,094</b>	<b>29.68%</b>	<b>14,152</b>
Itinerant	<b>10,302</b>	<b>8,274</b>	<b>24.51%</b>	<b>9,438</b>
Local	<b>5,381</b>	<b>3,820</b>	<b>40.86%</b>	<b>4,713</b>
Voluntary Curfew Ops	<b>404</b>	<b>450</b>	<b>-10.22%</b>	<b>389</b>
Prior Authorization	<b>178</b>	<b>(4)</b> Noise disturbance calls associated with these flights. <b>(2)</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**

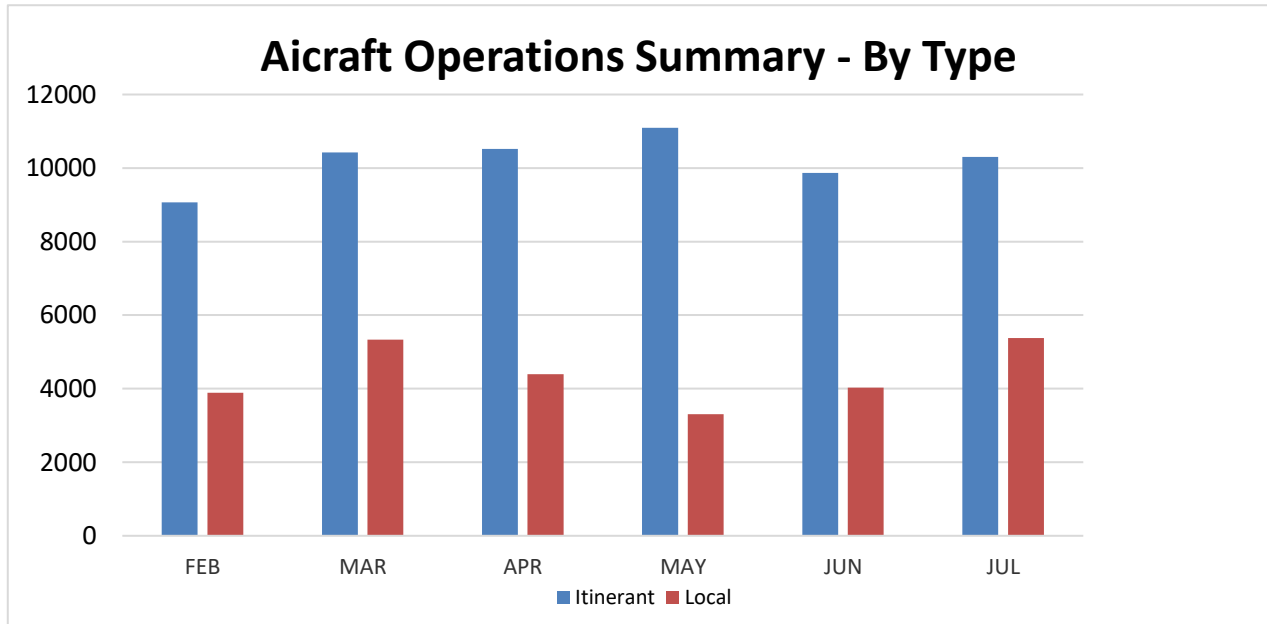
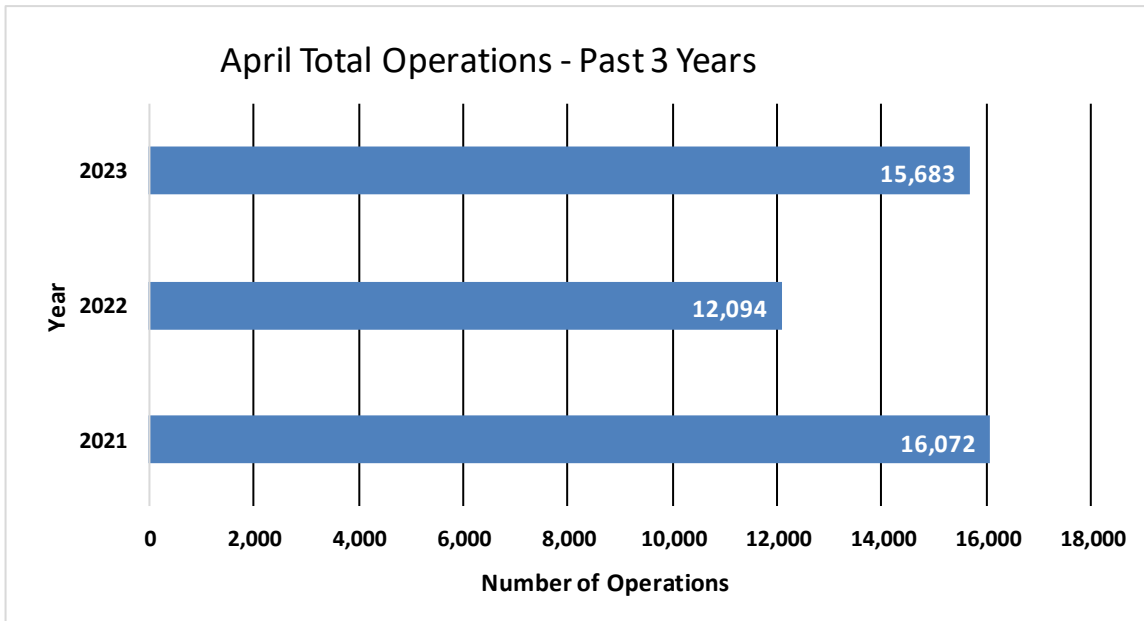
**One take-off or landing. Touch-and-go counts as two operations**

**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.**

# July 2023 Aircraft Operations Summary

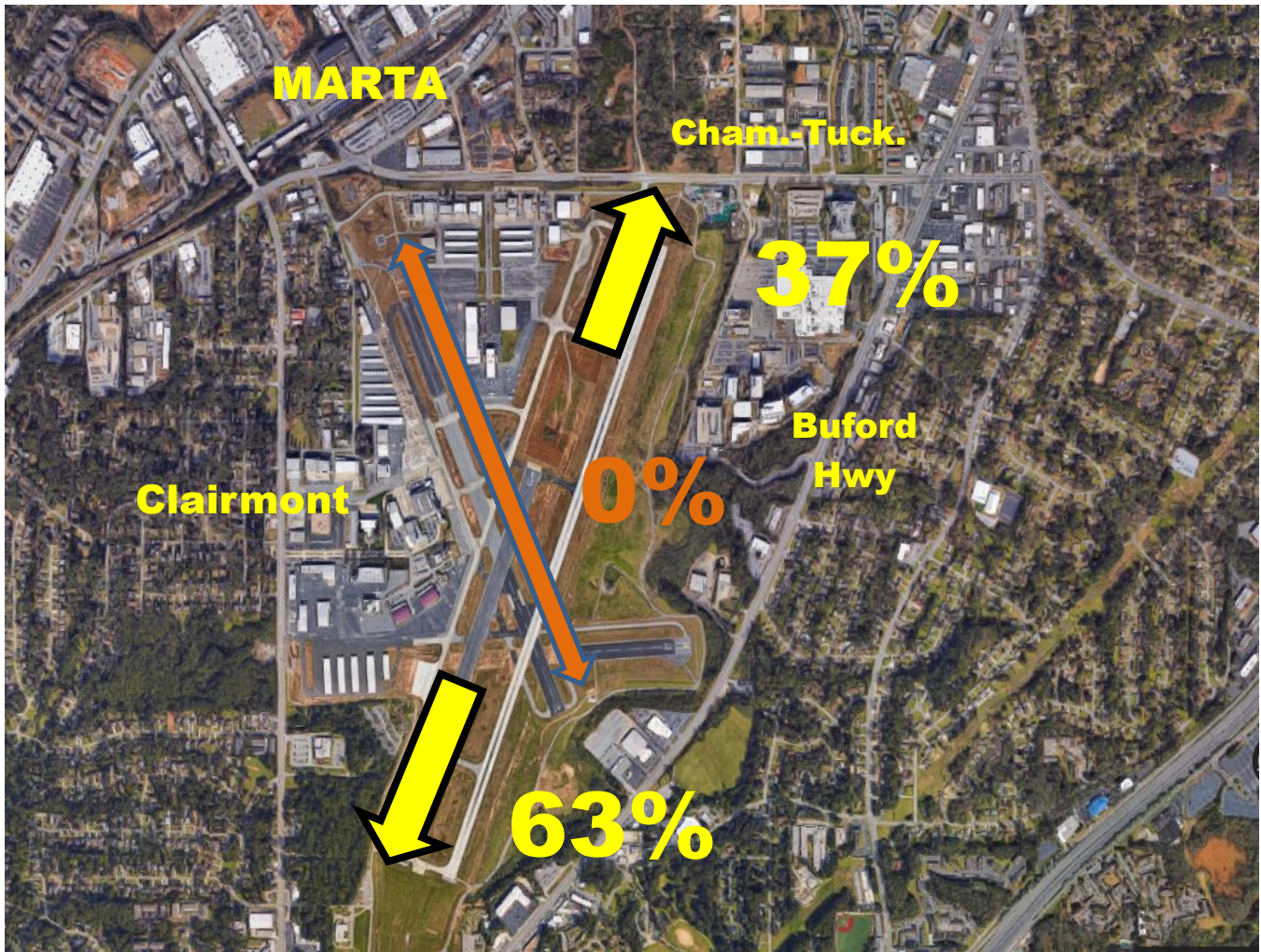


2022 Total Operations	2022 Total Operations through July 2022	Total 2023 Ops through July 2023
176,895	104,046	100,722 (-3.19%)

<b>2023 Operations by Month</b>				
	Itinerant	Local	Total Tower-Recorded Operations	Voluntary Curfew
JAN	8,898	4,220	13,118	290
FEB	9,065	3,890	12,955	347
MAR	10,428	5,336	15,764	431
APR	10,520	4,389	14,909	418
MAY	11,091	3,303	14,394	427
JUN	9,868	4,031	13,899	410
<b>JUL</b>	<b>10,302</b>	<b>5,831</b>	<b>15,683</b>	<b>404</b>
AUG				
SEP				
OCT				
NOV				
DEC				

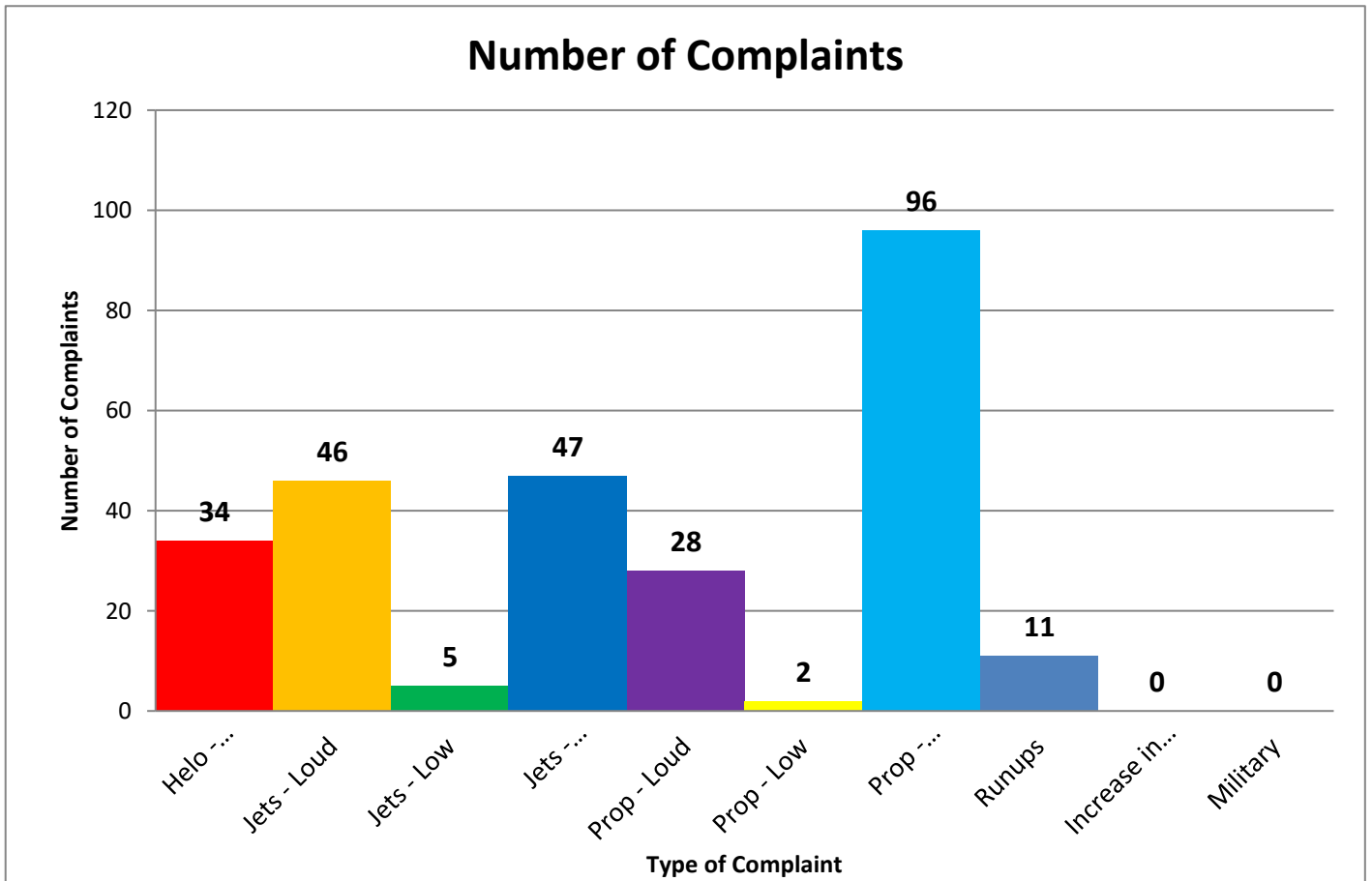
# Runway Mode of Operations – July 2023

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.

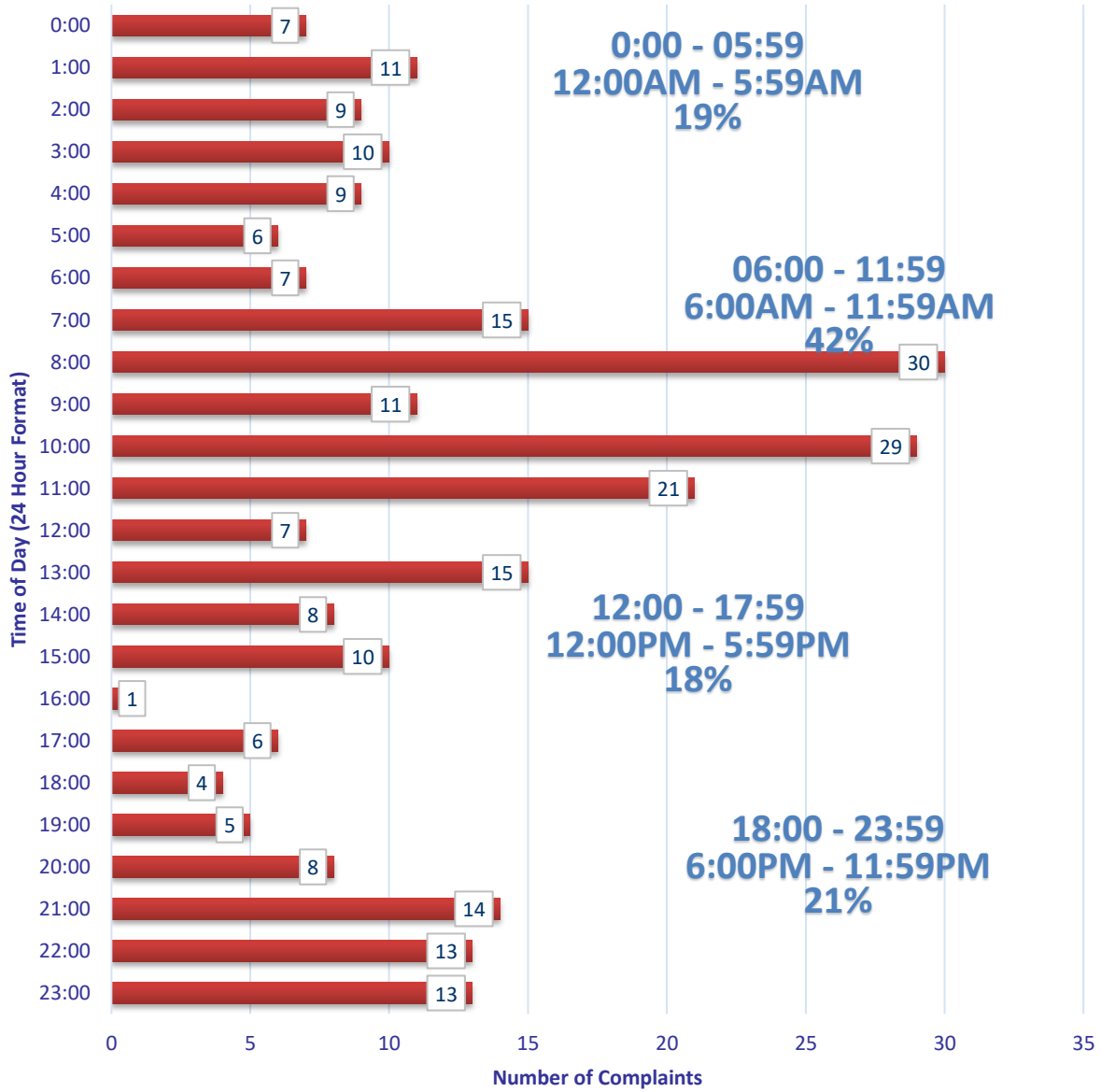


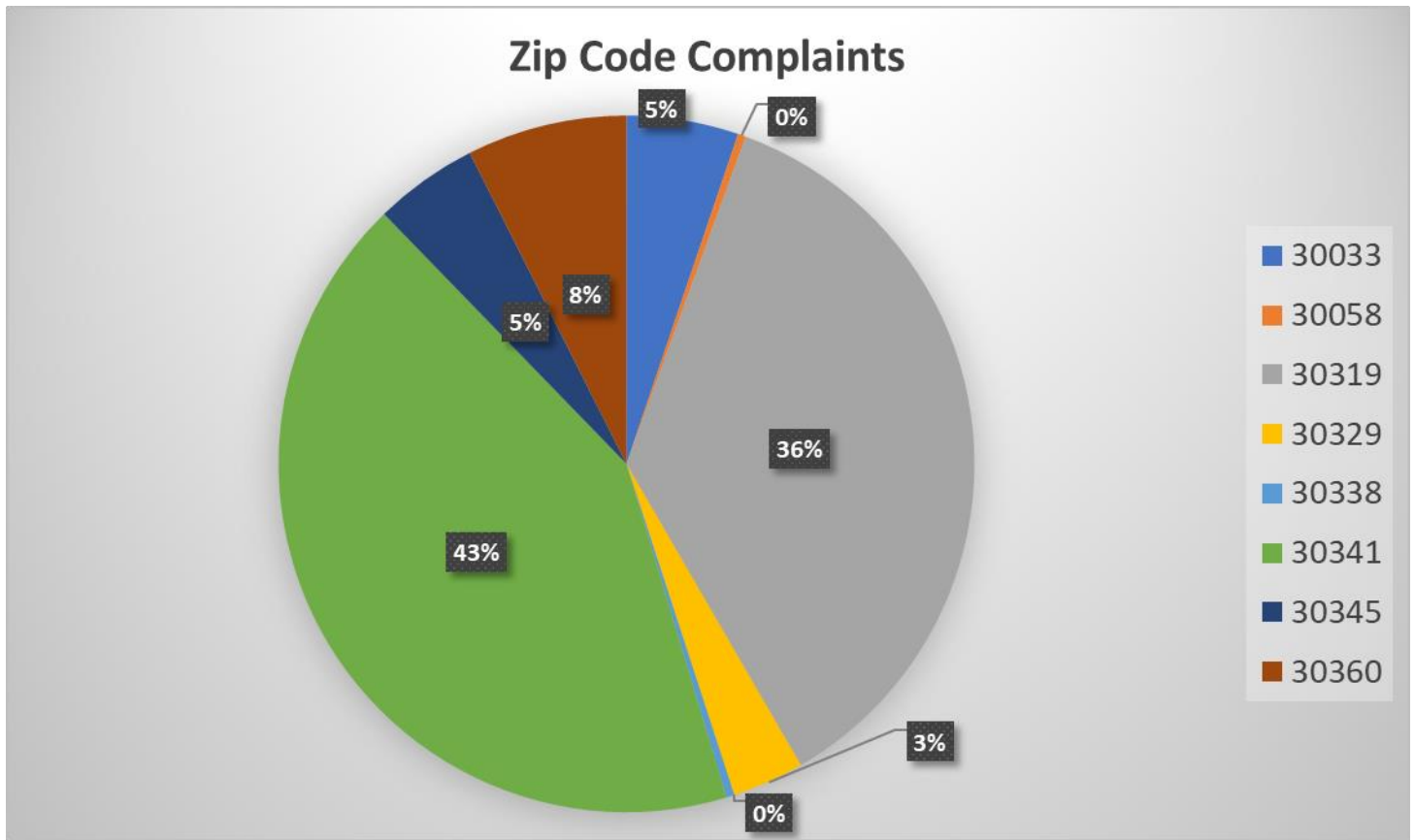
# Noise Disturbance Summary

Total complaints for July 2023	Monthly Complaint Average 2023	July 2023 Complaints per Household <i>(minus top two/Households)</i>	July 2023 Complaints per Household <i>All Inclusive</i>
269	466	5.4	12.2



### Number of Complaints by Hour





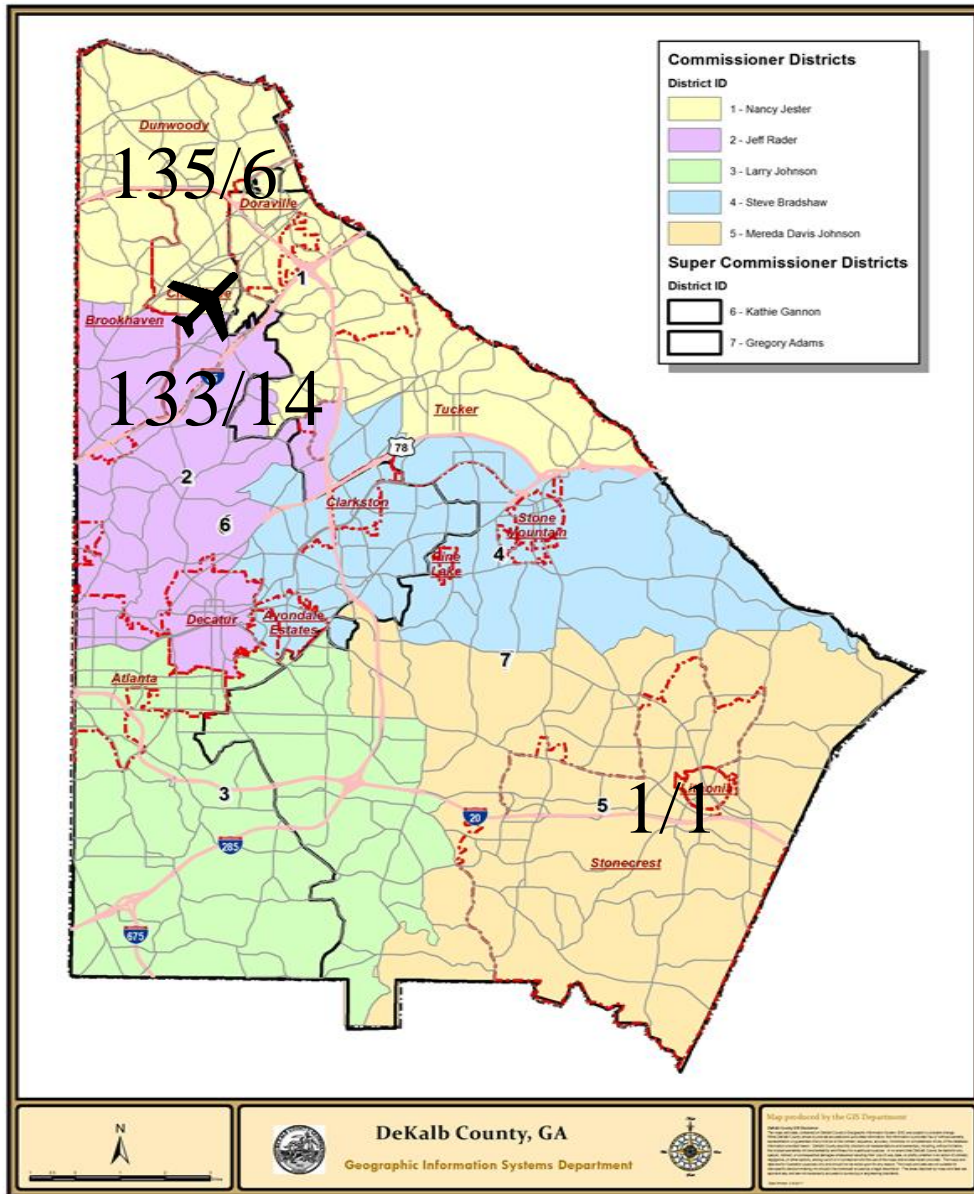
Zip Code Guide		
Zip Code	Community	% of Complaints
30319	Brookhaven	36%
30341	Chamblee - North	43%
30345	Chamblee – South	5%
30360	Dunwoody	8%
30033	Decatur	5%
30338	Dunwoody	<1%
30329	North Druid Hills	3%
30058	Lithonia	<1%



# Complaints by Caller

<i>Name</i>	<i>Address</i>	<i>City</i>	<i>Zip Code</i>	<i>Complaints</i>
Adams	1378 Noel Dr NE	Brookhaven	30319	1
Gokce	1955 Fairway Cir NE	Brookhaven	30319	1
Johnson	5200 Peachtree Rd	Atlanta	30341	43
Allen	1501 Woodshire Dr	Decatur	30033	11
Rodriguez	1920 Variations Dr NE	Atlanta	30329	1
Schnaubelt	2078 Clairmeade Valley Rd NE	Atlanta	30329	8
Lee	2249 Capehart Cir NE	Atlanta	30345	2
Anon-1	LaVenture Forrest	Atlanta	30341	70
Dowdy	6659 Chupp Rd	Lithonia	30058	1
Brooks	2743 Redding Rd NE	Brookhaven	30319	1
mcwhorter	1380 Nalley Cir	Decatur	30033	2
Belle isle	722 Willivee Dr	Decatur	30033	1
Needle	2586 Warwick Cir NE	Atlanta	30345	7
Lowndes	2416 Dunwoody Hollow Dr	Dunwoody	30360	19
Prince	1986 Ellwyn Dr	Atlanta	30341	1
Farinola	2361 Burch Cir NE	Brookhaven	30319	2
Kempter	2431 Skyland Way NE	Brookhaven	30319	91
Fazzone	2365 Dunwoody Hollow Dr	Atlanta	30360	1
Fox	2423 Woodacres Rd NE	Atlanta	30345	4
Douglas	2427 Coosawattee Dr NE	Brookhaven	30319	1
Zaragoza	2479 Brookhurst Dr	Atlanta	30338	1

# Complaints per Commission District



Total Number of Complaints

21/269




Total Number of Complainants

There were **0** complainant(s) outside of DeKalb County with **0** 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 **264 (98.1%)** out of **269** complaints:

- **256 or 95.2%** of the noise complaints were found to be **Direct** correlations
- **8 or 3.0%** were **Indirect** correlations to operations
- **5 or 1.8%** 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](mailto: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](mailto:pdknoise@dekalbcountyga.gov)

Name	Offense Time	Flight Time	RWY	Ops	Aircraft Type	Aircraft ID	NMS	Lmax
Fox	7/17/2023 21:59	7/17/2023 21:55	21L	D	H25C	N730CJ	NMS03	75.9
Fox	7/17/2023 19:28	7/17/2023 19:28	21L	D	F900	N621MD	NMS03	86
Fox	7/15/2023 22:45	7/15/2023 22:39	21L	D	GLF4	KPO495	NMS03	79.6
Fox	7/11/2023 6:27	7/11/2023 6:23	21L	D	C56X	N690XL	NMS03	79.3
Gokce	7/22/2023 15:11	7/22/2023 14:54	21L	D	H25B	N220PF	NMS02	80.3
Anon-1	7/30/2023 4:20	7/30/2023 4:18	03L	D	EC30	N325AM		
Anon-1	7/28/2023 23:42	7/28/2023 23:27	21L	D	GLF4	N177BB		
Anon-1	7/28/2023 23:33	7/28/2023 23:27	21L	D	GLF4	N177BB		
Anon-1	7/28/2023 3:01	7/28/2023 2:52	03R	D	C208	N414CY		
Anon-1	7/28/2023 1:45							
Anon-1	7/28/2023 1:38	7/28/2023 1:08	21L	D	PC12	SKQ31		
Anon-1	7/28/2023 1:09	7/28/2023 1:08	21L	D	PC12	SKQ31		
Anon-1	7/27/2023 23:58	7/27/2023 23:33	21L	D	C172	N6552F		
Anon-1	7/27/2023 23:48	7/27/2023 23:33	21L	D	C172	N6552F		
Anon-1	7/26/2023 5:57	7/26/2023 5:44	03R	D	PC12	CNS809		
Anon-1	7/26/2023 5:50	7/26/2023 5:48	03L	D	SR22	N131EA		
Anon-1	7/26/2023 5:27	7/26/2023 5:22	03R	D	CL35	EJA703		
Anon-1	7/26/2023 4:53	7/26/2023 4:24	03R	D	E55P	EJA345		
Anon-1	7/26/2023 3:45	7/26/2023 3:23	21L	D	C208	N414CY		
Anon-1	7/25/2023 10:19	7/25/2023 10:20	16	A	B407	N427TJ		
Anon-1	7/25/2023 5:21	7/25/2023 5:19	21L	D	SR22	N131EA		
Anon-1	7/25/2023 2:30	7/25/2023 2:44	21L	A	C208	N414CY		
Anon-1	7/24/2023	7/24/2023	21L	A	CL60	EJM132		

	4:29	4:45						
Anon-1	7/24/2023 1:21	7/24/2023 1:15	03R	D	C501	N56LW		
Anon-1	7/24/2023 0:12	7/24/2023 0:09	21L	A	C501	N56LW		
Anon-1	7/23/2023 1:25	7/23/2023 1:25	21L	A	CL35	EJA767		
Anon-1	7/23/2023 1:21	7/23/2023 1:25	21L	A	CL35	EJA767		
Anon-1	7/21/2023 5:04							
Anon-1	7/20/2023 23:16	7/20/2023 23:14	21L	D	C650	N77HF		
Anon-1	7/20/2023 3:09	7/20/2023 2:59	21L	D	C208	N414CY		
Anon-1	7/20/2023 0:30	7/20/2023 0:34	21L	A	G280	N280RR		
Anon-1	7/20/2023 0:26	7/20/2023 0:27	21L	A	PC12	N717NC		
Anon-1	7/18/2023 23:32							
Anon-1	7/18/2023 7:07	7/18/2023 7:02	16	D	S76	N120DT		
Anon-1	7/18/2023 3:04							
Anon-1	7/17/2023 22:56	7/17/2023 23:00	21L	A	GLF5	N451GV		
Anon-1	7/17/2023 22:50	7/17/2023 22:22	21L	D	C172	N161GT		
Anon-1	7/17/2023 21:54	7/17/2023 21:50	21L	D	GLF3	N734TJ		
Anon-1	7/17/2023 7:35	7/17/2023 7:50	UNK	T	S76	N120DT		
Anon-1	7/17/2023 7:11	7/17/2023 7:04	03R	D	C700	EJA834		
Anon-1	7/17/2023 5:57	7/17/2023 6:03	21L	A	C560	PXG981		
Anon-1	7/17/2023 0:39	7/17/2023 0:37	16	D	B06	N553AE		
Anon-1	7/17/2023 0:30	7/17/2023 0:22	03R	D	BE20	N25WC		
Anon-1	7/16/2023 23:13	7/16/2023 23:07	21L	D	BE20	N28VU		
Anon-1	7/15/2023 0:30	7/15/2023 0:28	21L	D	B350	N350S		
Anon-1	7/14/2023 23:08	7/14/2023 23:04	21L	D	SR22	N322AM		

Anon-1	7/14/2023 23:00	7/14/2023 22:53	21L	D	C550	N721BC		
Anon-1	7/14/2023 18:28	7/14/2023 18:35	21L	A	SR22	N322AM		
Anon-1	7/14/2023 4:56	7/14/2023 4:52	21L	D	C650	N393JC		
Anon-1	7/13/2023 23:06	7/13/2023 23:09	21L	A	GALX	FWK800		
Anon-1	7/13/2023 2:03	7/13/2023 1:58	21L	D	F2TH	TFF970		
Anon-1	7/12/2023 6:41	7/12/2023 6:45	21L	A	GLF4	WWI88		
Anon-1	7/12/2023 6:06	7/12/2023 6:04	34	T	B06	N2AQ		
Anon-1	7/12/2023 3:44	7/12/2023 3:39	21L	D	C208	N414CY		
Anon-1	7/11/2023 3:57	7/11/2023 3:43	21L	D	C208	N414CY		
Anon-1	7/11/2023 3:52	7/11/2023 3:43	21L	D	C208	N414CY		
Anon-1	7/11/2023 2:59	7/11/2023 3:07	21L	A	C208	N414CY		
Anon-1	7/11/2023 2:24	7/11/2023 2:22	21L	D	FA50	N156RE		
Anon-1	7/9/2023 21:47	7/9/2023 21:43	21L	D	E55P	EJA462		
Anon-1	7/9/2023 4:52	7/9/2023 4:44	21L	D	E55P	EJA351		
Anon-1	7/7/2023 4:22	7/7/2023 4:18	21L	D	PC12	SKQ31		
Anon-1	7/7/2023 4:17	7/7/2023 4:08	03R	D	C208	N414CY		
Anon-1	7/7/2023 1:29	7/7/2023 1:21	21L	D	PC12	SKQ31		
Anon-1	7/6/2023 4:04	7/6/2023 3:50	21L	D	C208	N414CY		
Anon-1	7/6/2023 1:54	7/6/2023 1:28	21L	A	PAY2	N154CA		
Anon-1	7/6/2023 1:15	7/6/2023 1:10	21L	D	PC12	SKQ39		
Anon-1	7/5/2023 2:42	7/5/2023 2:37	21L	T	C208	N414CY		
Anon-1	7/4/2023 4:10	7/4/2023 4:02	21L	D	C550	N939TW		
Anon-1	7/1/2023 3:49	7/1/2023 3:43	21L	D	C560	PXG981		
Anon-1	7/1/2023 3:26	7/1/2023 3:19	03R	D	C208	N414CY		
Anon-1	7/1/2023 3:03	7/1/2023 3:04	21L	A	C560	PXG981		
Anon-1	7/1/2023 2:42	7/1/2023 2:48	21L	A	PC12	SKQ31		
Anon-1	7/1/2023 2:26	7/1/2023 2:15	21L	D	BE33	N9154Q		
Anon-1	7/1/2023 2:02	7/1/2023 2:15	03R	A	SR22	N131EA		
Anon-1	7/1/2023 1:13	7/1/2023 1:08	21L	D	PC12	SKQ31		
Needle	7/8/2023 12:05	7/8/2023 12:06	03R	A	E55P	EJA351		
Douglas	7/30/2023	7/30/2023	21R	A	AA1	N26103		

	11:00	11:12						
Johnson	7/31/2023 10:14	7/31/2023 10:09	34	T	B06	N5QV		
Johnson	7/31/2023 10:11	7/31/2023 10:09	34	T	B06	N5QV		
Johnson	7/28/2023 8:27	7/28/2023 8:23	03L	D	C172	N178AF	NMS01	68.7
Johnson	7/27/2023 21:19	7/27/2023 21:24	03R	A	UNKN	UNKNOWN		
Johnson	7/27/2023 21:13	7/27/2023 20:54	03L	D	M20P	N4064H	NMS01	72.1
Johnson	7/27/2023 21:13	7/27/2023 20:54	03L	D	M20P	N4064H	NMS01	72.1
Johnson	7/27/2023 13:48	7/27/2023 13:48	03R	D	SF50	WSP21	NMS01	72
Johnson	7/26/2023 8:28	7/26/2023 8:28	03L	A	P28A	N11CA		
Johnson	7/26/2023 8:28	7/26/2023 8:28	03L	A	P28A	N11CA		
Johnson	7/26/2023 7:30	7/26/2023 7:13	03L	D	P28A	CXK165	NMS01	81
Johnson	7/26/2023 7:30	7/26/2023 7:13	03L	D	P28A	CXK165	NMS01	81
Johnson	7/24/2023 22:21	7/24/2023 22:27	UNK	D	EC45	N445CH	NMS01	68.5
Johnson	7/24/2023 22:05	7/24/2023 21:48	21L	D	BE20	N511DP	NMS01	73.3
Johnson	7/24/2023 21:58	7/24/2023 21:48	21L	D	BE20	N511DP	NMS01	73.3
Johnson	7/24/2023 21:50	7/24/2023 21:48	21L	D	BE20	N511DP	NMS01	73.3
Johnson	7/24/2023 20:32	7/24/2023 20:31	03R	A	P28A	CXK402		
Johnson	7/24/2023 20:25	7/24/2023 20:28	03R	A	P28A	N703CA		
Johnson	7/24/2023 20:19	7/24/2023 20:22	03R	A	CL60	VNT56		
Johnson	7/24/2023 20:18	7/24/2023 20:22	03R	A	CL60	VNT56		
Johnson	7/24/2023 20:14	7/24/2023 20:16	03R	A	BE20	N511DP		
Johnson	7/24/2023 14:35	7/24/2023 14:36	03R	D	C56X	N697SD		
Johnson	7/24/2023 14:32	7/24/2023 14:28	UNK	T	B407	N427TJ		
Johnson	7/24/2023 7:49	7/24/2023 7:48	34	D	B06	N2AQ		

Johnson	7/20/2023 20:09	7/20/2023 20:21	21L	D	CL30	N320LX		
Johnson	7/19/2023 8:16	7/19/2023 8:15	03R	A	C68A	LJY674		
Johnson	7/19/2023 8:11	7/19/2023 8:11	03L	A	P28A	N32095		
Johnson	7/19/2023 7:54	7/19/2023 7:57	03R	A	HDJT	N420NJ		
Johnson	7/19/2023 7:49	7/19/2023 7:43	34	T	B06	N2AQ		
Johnson	7/18/2023 8:31	7/18/2023 8:26	21L	D	HDJT	TMB125		
Johnson	7/16/2023 10:52	7/16/2023 10:53	16	A	R66	N4488H		
Johnson	7/14/2023 7:32	7/14/2023 7:15	21R	D	P28A	N703CA		
Johnson	7/14/2023 7:32	7/14/2023 7:15	21R	D	P28A	N703CA		
Johnson	7/14/2023 7:32	7/14/2023 7:15	21R	D	P28A	N703CA		
Johnson	7/14/2023 7:32	7/14/2023 7:15	21R	D	P28A	N703CA		
Johnson	7/13/2023 22:41	7/13/2023 22:44	21R	A	UNKN	N240SH		
Johnson	7/13/2023 18:29	7/13/2023 18:15	21R	D	P28A	N11CA		
Johnson	7/12/2023 8:29	7/12/2023 8:20	21R	D	P28A	N7664F		
Johnson	7/12/2023 8:29	7/12/2023 8:20	21R	D	P28A	N7664F		
Johnson	7/12/2023 7:28	7/12/2023 7:22	21L	D	UNKN	N7339M		
Johnson	7/11/2023 8:29	7/11/2023 8:32	16	D	B06	N6QP		
Johnson	7/9/2023 19:45	7/9/2023 19:48	16	A	R22	N791SH		
Johnson	7/5/2023 7:31	7/5/2023 7:36	21L	A	HDJT	TMB829	NMS01	78.3
Johnson	7/2/2023 11:40	7/2/2023 11:35	21L	D	BE40	N732WB		
Allen	7/29/2023 9:07	7/29/2023 8:59	UNK	O	CL35	EJA745		
Allen	7/26/2023 19:45	7/26/2023 19:49	03R	A	C56X	N712AB		
Allen	7/26/2023 14:49	7/26/2023 14:52	03R	A	H25B	N981CE		
Allen	7/25/2023 17:14	7/25/2023 17:18	03R	A	E55P	N400TE		



Allen	7/25/2023 16:08	7/25/2023 16:13	03R	A	LJ45	JTL11		
Allen	7/25/2023 0:18	7/25/2023 0:02	UNK	O	EC30	N133LN		
Allen	7/24/2023 23:51	7/24/2023 23:45	21R	D	B407	N416SF		
Allen	7/23/2023 22:03	7/23/2023 21:57	03R	D	B350	GAJ849		
Allen	7/20/2023 14:59	7/20/2023 14:50	UNK	O	CL30	N78TC		
Allen	7/16/2023 15:29	7/16/2023 15:30	03R	A	CRJ2	N719AV		
Allen	7/15/2023 23:19	7/15/2023 23:07	21L	D	MU2	N794MA		
Rodriguez	7/12/2023 22:34	7/12/2023 22:24	21L	D	PC12	SKQ38		
Schnaubelt	7/24/2023 17:39	7/24/2023 17:45	03R	A	FA7X	N777XV	NMS03	70
Schnaubelt	7/23/2023 10:33	7/23/2023 10:46	21L	A	SR22	N526HD	NMS03	76
Schnaubelt	7/23/2023 10:23	7/23/2023 10:01	21R	D	P28A	N84400		
Schnaubelt	7/23/2023 10:19	7/23/2023 9:57	21L	D	GALX	N445ST	NMS03	67.2
Schnaubelt	7/22/2023 15:10	7/22/2023 15:05	21L	D	GLF5	N55QC	NMS03	78.5
Schnaubelt	7/18/2023 19:31	7/18/2023 19:30	21L	D	CL30	N81CR	NMS03	79.1
Schnaubelt	7/18/2023 8:51	7/18/2023 8:51	21L	D	GL5T	NJE145H		
Schnaubelt	7/17/2023 21:56	7/17/2023 21:50	21L	D	GLF3	N734TJ	NMS03	90.7
Dowdy	7/15/2023 22:43	7/15/2023 22:36	26R	A	A319	N750UW		
Lowndes	7/31/2023 21:39							
Lowndes	7/25/2023 14:32	7/25/2023 14:25	03R	D	C680	N45NF		
Lowndes	7/25/2023 13:27	7/25/2023 13:20	03R	D	C68A	EJA627		
Lowndes	7/25/2023 11:23	7/25/2023 11:09	03R	D	S22T	N941CS		
Lowndes	7/25/2023 9:15	7/25/2023 9:21	03L	A	SR22	N770SR		
Lowndes	7/24/2023 8:08	7/24/2023 8:00	03R	D	CL30	FWK945		
Lowndes	7/24/2023	7/24/2023	03R	D	CL30	FWK945		

	8:06	8:00						
Lowndes	7/24/2023 8:05	7/24/2023 8:00	03R	D	CL30	FWK945		
Lowndes	7/24/2023 6:19	7/24/2023 5:59	03R	D	E545	LXJ443		
Lowndes	7/23/2023 18:12	7/23/2023 18:08	03L	D	C182	N42538		
Lowndes	7/23/2023 14:28	7/23/2023 14:37	21L	A	CL60	N70X		
Lowndes	7/23/2023 8:47	7/23/2023 8:44	34	D	S76	N120DT		
Lowndes	7/22/2023 22:29	7/22/2023 22:34	21L	A	C172	N73924		
Lowndes	7/22/2023 22:23	7/22/2023 22:34	21L	A	C172	N73924		
Lowndes	7/20/2023 8:23	7/20/2023 8:26	21L	A	CL60	N469ED		
Lowndes	7/19/2023 19:37	7/19/2023 19:25	03R	D	C560	PXG981		
Lowndes	7/19/2023 15:46	7/19/2023 15:57	03R	A	CL35	LXJ586		
Lowndes	7/14/2023 23:12	7/14/2023 23:04	21L	D	SR22	N322AM		
Lowndes	7/7/2023 12:55	7/7/2023 12:45	UNK	O	UNKN	UNKNOWN		
Prince	7/25/2023 22:38	7/25/2023 22:27	03L	D	P28A	N11CA		
Zaragoza	7/9/2023 13:08	7/9/2023 12:57	21R	D	B36T	N23VS		
Farinola	7/13/2023 21:36	7/13/2023 21:17	21R	D	SR20	N622BW	NMS02	71.1
Farinola	7/13/2023 21:18	7/13/2023 21:17	21R	D	SR20	N622BW	NMS02	71.1
Robinson	7/17/2023 21:54	7/17/2023 21:50	21L	D	GLF3	N734TJ	NMS03	90.7
Robinson	7/16/2023 9:25	7/16/2023 9:15	21L	D	GLF5	GJE622		
Robinson	7/13/2023 7:50	7/13/2023 7:42	21L	D	F2TH	N793CG	NMS03	82.8
Robinson	7/13/2023 6:44	7/13/2023 6:39	21L	D	CL35	LXJ506	NMS03	81.4
Robinson	7/11/2023 6:41	7/11/2023 6:33	21L	D	E55P	LXJ368	NMS03	74.2
Robinson	7/9/2023 8:33	7/9/2023 8:23	21L	D	F900	N904NB		
Brooks	7/2/2023 12:41	7/2/2023 12:37	21L	D	UNKN	N242		

Kempter	7/30/2023 12:47	7/30/2023 12:34	21R	D	C172	N19646		
Kempter	7/30/2023 12:41	7/30/2023 12:53	21R	A	P28A	CXK165		
Kempter	7/30/2023 12:33	7/30/2023 12:21	21R	D	P32R	N4138Q		
Kempter	7/30/2023 12:17	7/30/2023 12:17	21L	D	BE40	OKC490	NMS03	82.8
Kempter	7/30/2023 11:16	7/30/2023 11:01	21L	D	C172	N4454R	NMS03	80.6
Kempter	7/30/2023 11:05	7/30/2023 10:56	21L	D	C172	N9906L	NMS03	68
Kempter	7/30/2023 10:52	7/30/2023 10:44	21L	D	GALX	JTL42	NMS03	74.7
Kempter	7/30/2023 10:46	7/30/2023 10:25	21L	D	P28A	N7664F	NMS03	80.6
Kempter	7/30/2023 10:37	7/30/2023 10:34	21R	T	P28A	N6919J		
Kempter	7/30/2023 9:36	7/30/2023 9:32	21R	D	P28A	N84400		
Kempter	7/30/2023 8:53	7/30/2023 8:35	21R	D	C172	N314GT		
Kempter	7/29/2023 18:00	7/29/2023 18:00	21R	D	P28A	N84400		
Kempter	7/29/2023 17:24	7/29/2023 17:24	21L	D	LJ45	N801MM	NMS03	74.7
Kempter	7/29/2023 17:17	7/29/2023 17:17	21R	D	P28A	N11CA		
Kempter	7/29/2023 17:12	7/29/2023 16:54	21R	D	P28A	N11CA	NMS03	71.1
Kempter	7/29/2023 17:11	7/29/2023 17:10	21R	D	P28A	CXK402		
Kempter	7/29/2023 15:50	7/29/2023 15:49	21R	D	P28A	CXK165		
Kempter	7/29/2023 15:49	7/29/2023 15:49	21R	D	P28A	CXK165		
Kempter	7/29/2023 15:29	7/29/2023 15:28	21R	D	C150	N66941		
Kempter	7/29/2023 15:20	7/29/2023 15:16	21R	D	C172	N178AF		
Kempter	7/29/2023 15:16	7/29/2023 15:16	21R	D	C172	N178AF		
Kempter	7/29/2023 15:12	7/29/2023 15:12	21R	T	C172	N19646		
Kempter	7/29/2023 14:09	7/29/2023 14:07	21R	D	UNKN	N225RP	NMS03	75.4
Kempter	7/29/2023	7/29/2023	21R	D	C172	N6981H	NMS03	68.4

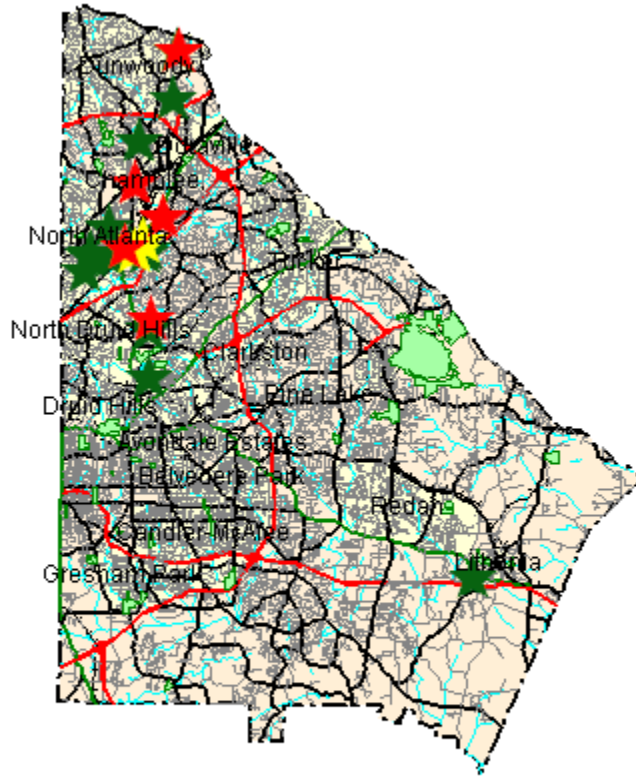
	14:03	14:03						
Kempter	7/29/2023 13:57	7/29/2023 13:56	21L	D	C680	JTL1027	NMS03	74.9
Kempter	7/29/2023 13:39	7/29/2023 13:45	21R	T	P28A	CXK165		
Kempter	7/29/2023 13:38	7/29/2023 13:09	UNK	O	SR20	N223TG		
Kempter	7/29/2023 13:33	7/29/2023 13:09	UNK	O	SR20	N223TG		
Kempter	7/29/2023 13:33	7/29/2023 13:09	UNK	O	SR20	N223TG		
Kempter	7/29/2023 13:31	7/29/2023 13:09	UNK	O	SR20	N223TG		
Kempter	7/29/2023 13:29	7/29/2023 13:28	21L	D	E55P	EJA406	NMS03	70.6
Kempter	7/29/2023 13:27	7/29/2023 13:26	21L	D	CL35	EJA780	NMS03	78.9
Kempter	7/29/2023 13:26	7/29/2023 13:26	21L	D	CL35	EJA780	NMS03	78.9
Kempter	7/29/2023 13:25	7/29/2023 13:26	21L	D	CL35	EJA780	NMS03	78.9
Kempter	7/29/2023 13:24	7/29/2023 13:26	21L	D	CL35	EJA780	NMS03	78.9
Kempter	7/29/2023 13:22	7/29/2023 13:26	21L	D	CL35	EJA780	NMS03	78.9
Kempter	7/29/2023 11:59	7/29/2023 11:46	21R	T	P28A	N7664F		
Kempter	7/29/2023 11:39	7/29/2023 11:14	21R	D	P28A	N6919J		
Kempter	7/29/2023 11:38	7/29/2023 11:14	21R	D	P28A	N6919J		
Kempter	7/29/2023 11:33	7/29/2023 11:14	21R	D	P28A	N6919J		
Kempter	7/29/2023 11:32	7/29/2023 11:14	21R	D	P28A	N6919J		
Kempter	7/29/2023 11:29	7/29/2023 11:17	21R	D	P28A	N703CA		
Kempter	7/29/2023 11:28	7/29/2023 11:11	21R	D	P28A	N11CA		
Kempter	7/29/2023 11:28	7/29/2023 11:11	21R	D	P28A	N11CA		
Kempter	7/29/2023 11:26	7/29/2023 11:11	21R	D	P28A	N11CA		
Kempter	7/29/2023 11:25	7/29/2023 11:11	21R	D	P28A	N11CA		
Kempter	7/29/2023 11:22	7/29/2023 11:11	21R	D	P28A	N11CA		

Kempter	7/29/2023 11:19	7/29/2023 11:00	21R	T	P28A	CXK165		
Kempter	7/29/2023 11:17	7/29/2023 11:00	21R	T	P28A	CXK165		
Kempter	7/29/2023 11:10	7/29/2023 11:00	21R	T	P28A	CXK165		
Kempter	7/29/2023 11:04	7/29/2023 10:44	21R	D	UNKN	N225RP		
Kempter	7/29/2023 11:00	7/29/2023 10:44	21R	D	UNKN	N225RP		
Kempter	7/29/2023 10:59	7/29/2023 10:44	21R	D	UNKN	N225RP		
Kempter	7/29/2023 10:41	7/29/2023 10:40	21L	D	C56X	JTL640		
Kempter	7/29/2023 10:36	7/29/2023 10:34	21L	D	G150	N428JD		
Kempter	7/29/2023 10:35	7/29/2023 10:34	21L	D	G150	N428JD		
Kempter	7/29/2023 10:32	7/29/2023 10:34	21L	D	G150	N428JD		
Kempter	7/29/2023 10:29	7/29/2023 10:27	21L	D	HDJT	N199HJ	NMS03	75.6
Kempter	7/29/2023 10:28	7/29/2023 10:27	21L	D	HDJT	N199HJ	NMS03	75.6
Kempter	7/29/2023 10:26	7/29/2023 10:19	21R	D	BE76	N458GT		
Kempter	7/29/2023 10:25	7/29/2023 10:19	21R	D	BE76	N458GT		
Kempter	7/29/2023 10:24	7/29/2023 10:19	21R	D	BE76	N458GT		
Kempter	7/29/2023 10:21	7/29/2023 10:05	21R	T	P28A	N7664F		
Kempter	7/29/2023 10:16	7/29/2023 10:05	21R	T	P28A	N7664F		
Kempter	7/29/2023 10:14	7/29/2023 10:04	21R	T	C162	N5204U		
Kempter	7/29/2023 10:10	7/29/2023 10:05	21R	T	C172	N19646		
Kempter	7/29/2023 10:08	7/29/2023 10:05	21R	D	C172	N745DC	NMS03	72.1
Kempter	7/29/2023 10:07	7/29/2023 10:05	21R	D	C172	N73924	NMS03	67.6
Kempter	7/29/2023 10:03	7/29/2023 9:48	21L	D	T206	N527DM	NMS03	66.6
Kempter	7/29/2023 10:01	7/29/2023 9:51	21L	D	GLF4	LXJ452	NMS03	73
Kempter	7/29/2023	7/29/2023	21R	T	WACF	N30169	NMS03	67.6

	9:50	9:48						
Kempter	7/29/2023 9:43	7/29/2023 9:28	21L	T	C172	N178AF		
Kempter	7/29/2023 9:39	7/29/2023 9:10	21R	D	C172	N73924		
Kempter	7/29/2023 9:02	7/29/2023 8:49	21R	D	P28A	N703CA		
Kempter	7/29/2023 9:00	7/29/2023 8:49	21R	D	P28A	N11CA		
Kempter	7/29/2023 8:59	7/29/2023 8:45	21R	D	P28A	N743DS		
Kempter	7/29/2023 8:51	7/29/2023 8:49	21R	T	P28A	N6919J		
Kempter	7/29/2023 8:48	7/29/2023 8:40	21L	D	BE20	CTE491	NMS03	72.9
Kempter	7/29/2023 8:45	7/29/2023 8:26	21R	D	SR20	N715TA		
Kempter	7/29/2023 8:43	7/29/2023 8:26	21R	D	SR20	N715TA		
Kempter	7/29/2023 8:38	7/29/2023 8:26	21R	D	SR20	N715TA		
Kempter	7/29/2023 8:36	7/29/2023 8:26	21R	D	SR20	N715TA		
Kempter	7/29/2023 8:34	7/29/2023 8:10	21R	D	P28A	N7664F	NMS03	67.1
Kempter	7/29/2023 8:30	7/29/2023 8:10	21R	D	P28A	N7664F	NMS03	67.1
Kempter	7/29/2023 8:25	7/29/2023 8:10	21R	D	P28A	N7664F	NMS03	67.1
Kempter	7/29/2023 8:20	7/29/2023 8:18	21L	D	C680	EJA365	NMS03	68.1
Kempter	7/29/2023 8:16	7/29/2023 8:18	21L	D	C680	EJA365	NMS03	68.1
Kempter	7/29/2023 8:12	7/29/2023 8:18	21L	D	C680	EJA365	NMS03	68.1
Kempter	7/19/2023 6:32	7/19/2023 6:26	21R	D	BE33	N1506Z	NMS03	74.5
Kempter	7/17/2023 22:37	7/17/2023 22:28	21L	D	ASTR	N90AJ		
Kempter	7/17/2023 21:53	7/17/2023 21:50	21L	D	GLF3	N734TJ	NMS03	90.7
Fazzone	7/29/2023 10:30	7/29/2023 10:37	21L	A	E545	LXJ449		
mcwhorter	7/19/2023 9:20	7/19/2023 9:24	03R	A	F2TH	N845UP		
mcwhorter	7/11/2023 9:00	7/11/2023 8:54	21L	D	G280	N610DP		

Belle isle	7/25/2023 20:03	7/25/2023 20:02	03R	A	GLF4	N583AJ		
Lee	7/11/2023 2:25	7/11/2023 2:22	21L	D	FA50	N156RE		
Lee	7/11/2023 1:58	7/11/2023 2:00	21L	A	FA50	N156RE	NMS03	84.6
Adams	7/2/2023 20:24	7/2/2023 20:25	03R	A	C56X	N690XL		

# Disturbance Location Pin Map – July 2023



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

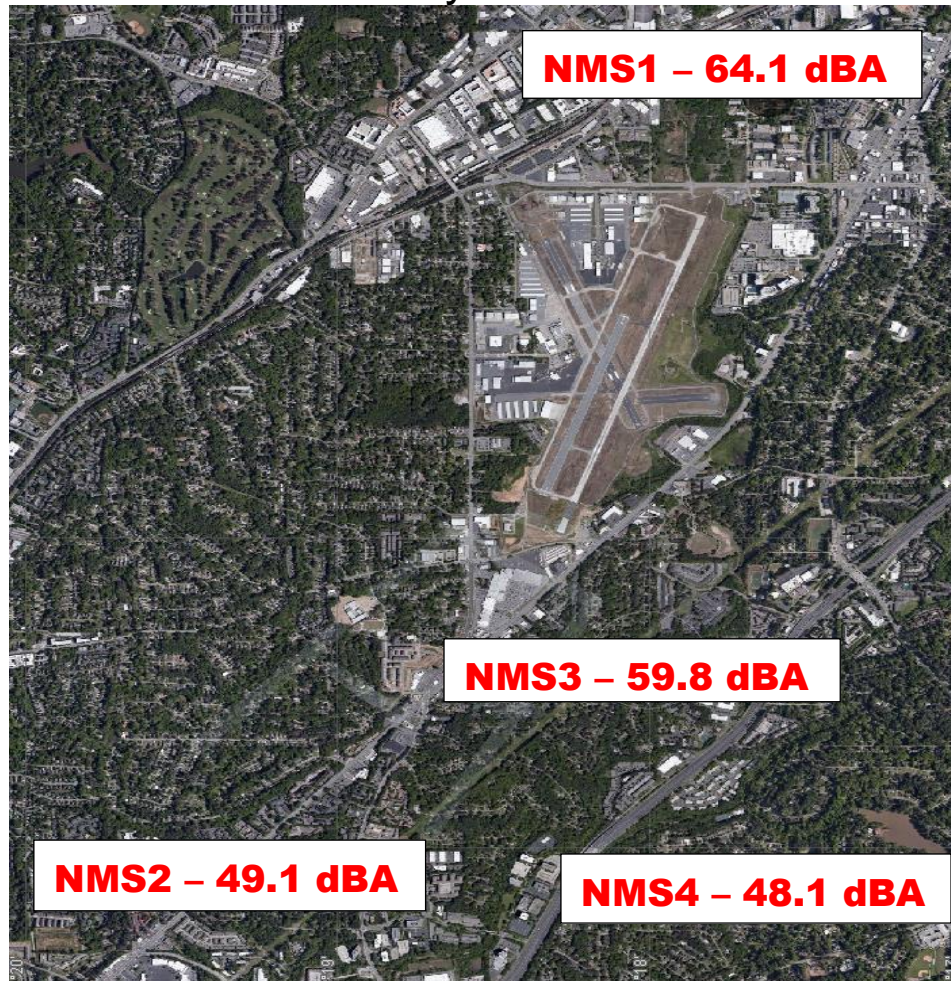
## Complainants with Complaints Total

(0 Complainant(s) outside of DeKalb County; and 0 unknown)



# Monthly Noise Levels at Monitors

July 2023



## 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 **403 (99.8%)** of the 404 operations during the voluntary curfew period (11PM-6AM) during the month of **July 2023**. Of the **403** identified operations, **206 (51.1%)** 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, **91 one-time** operations were conducted during this period.
- Out of the *identified* operations, **312 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:

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

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

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

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

**269** complaints were received during **July 2023**.

**XX (24.2%)** 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 – July 2023 N#'s (Multi-Use):

**36 Aircraft with 2 Operations** (**N887AE**, N505JH, N442CJ, **LBQ850**, N5552G, N1065B, N966AU, CXK348, N482ST, N154CA, N520TM, N154JK, N717NC, N156RE, N9154Q, DCM6395, **CTE491**, **N235LJ**, TFF970, N250DL, N490CD, N2551U, N510CN, **N325AM**, **N553AE**, **N332CA**, N573CM, **N336AE**, **N777WY**, UWD18, **N891AA**, **N38RX**, **N939TW**, N393JC, EJA345EJA382)

16 Aircraft with 3 Operations (CXK402, N6552F, FFL444,

LXJ443, N400TE, CXK320, **N445CH**, N9522L, **N56LW**,

EJM132, N17KJ, N11CA, EJA351, N2UP, N221CL,

N350KM)

4 Aircraft with 4 Operations (N5208K, **N377P**, CXK165,

**PXG981)**

1 Aircraft with 6 Operations (**N131EA**)

1 Aircraft with 10 Operations (**N28VU**)

1 Aircraft with 15 Operations (**N208LS**)

2 Aircraft with 16 Operations (**SKQ39**)

1 Aircraft with 63 Operations (**SKQ31**)

1 Aircraft with 66 Operations (**N414CY**)

**Last Month – June 2023 N#'s (Multi-Use):**

**34 Aircraft with 2 Operations** (N77WY, N643EP, N11CA, N314GT, N6919J, N329GS, SCM12, N274AH, N610GGM N336AE, N66941, DCM6395, N161GT, EJA319, N84400, N3684V, N542MT, N284PC, N59FH, EJA366, N622BW, EJA453, N649AE, N416CP, N682D, EMD28, N728AM, N460AK, N772CS, N500EM, N800J, N171AR, N950WB, TWY325, N259CK, LBQ870, KPO1401, N240SH, N50XY, N382AM, N332CA)

**4 Aircraft with 3 Operations** (CNS257, CTE615, N269JH, CXK399)

**7 Aircraft with 4 Operations** (N500TH, N5208K, CXK271, N741AM, N407LS, CXK402, N355AE, WWI174)

**1 Aircraft with 5 Operations** (N553AE)

**2 Aircraft with 6 Operations** (CXK130, N28VU)

**2 Aircraft with 8 Operations** (N352PJ, N445CH)

**2 Aircraft with 20 Operations** (SKQ39, N208LS)

**1 Aircraft with 50 Operations** (N414CY)

**1 Aircraft with 65 Operations** (SKQ31)

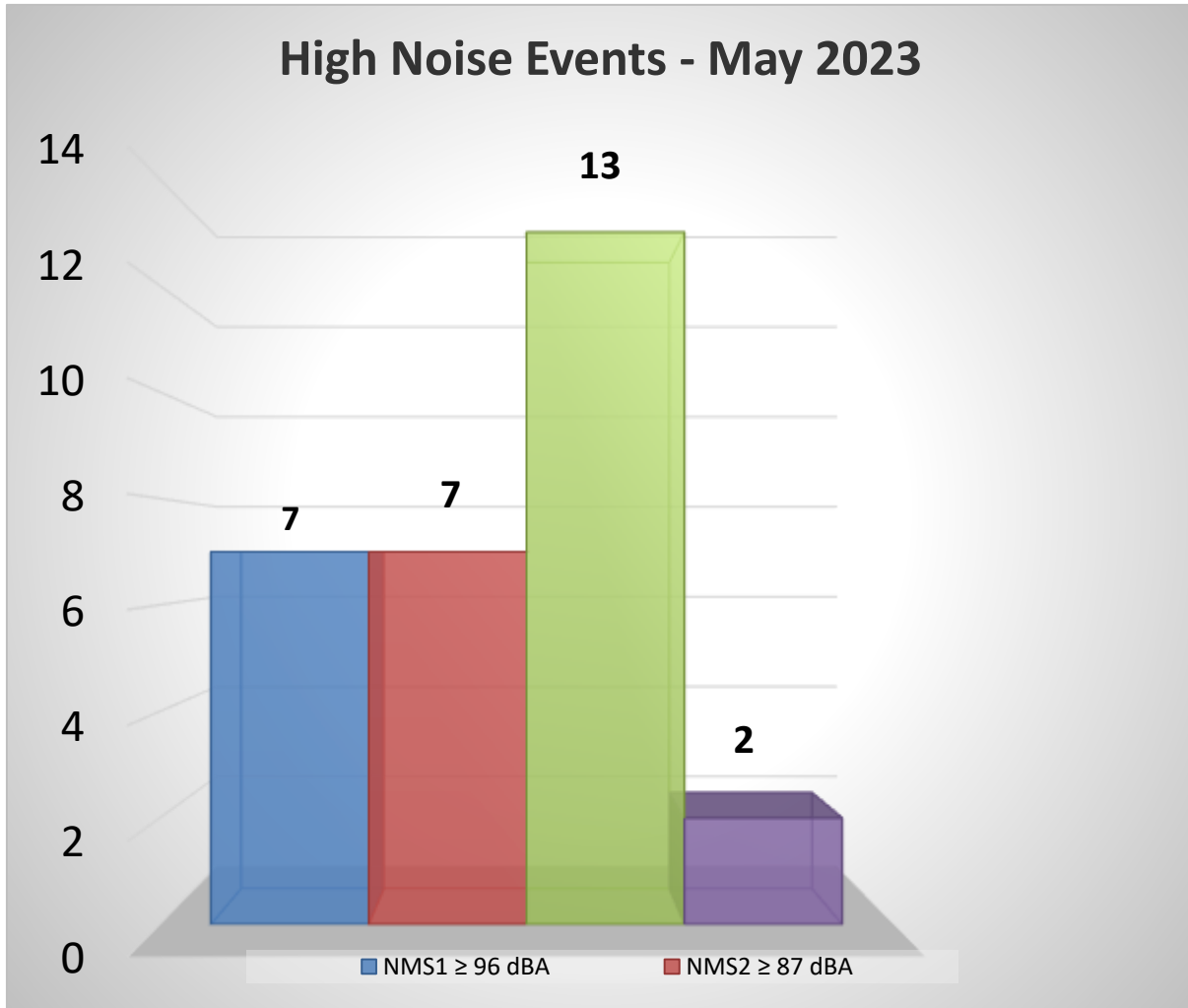
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A total of **198** advisory letters were sent to aircraft operators flying during the voluntary curfew period in the month of **July** who were not identified as Med-Evac and/or other emergency flights.

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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 **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 **29** advisory letters were sent out this month for aircraft identified as Exceeding PDK's high noise event threshold.



## July 2023

1 Aircraft with 2 or more Noise Events – (N409SA)

**June 2023**

2 Aircraft with 2 or more Noise Events (N11CA, N456C)

**Comments/Concerns?**

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