

Monthly Noise Report

June 2018

Prepared by:
Nate Schattner
Noise & Environmental 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.

June 2018 Aircraft Operations:

| | This Month | This Month, Last Year (June 2017) | % Change from June 2017 | 5-Year Average for Month |
|----------------------|-------------------|---|-------------------------|--------------------------|
| Total Operations | 15,396 | 12,750 | 20.75% | 13,410 |
| Itinerant | 10,293 | 9,311 | 10.55% | 9,618 |
| Local | 5,103 | 3,439 | 48.39% | 3,792 |
| Voluntary Curfew Ops | 348 | 318 | 8.62% | 325 |
| Prior Authorization | 121 | (6) 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

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

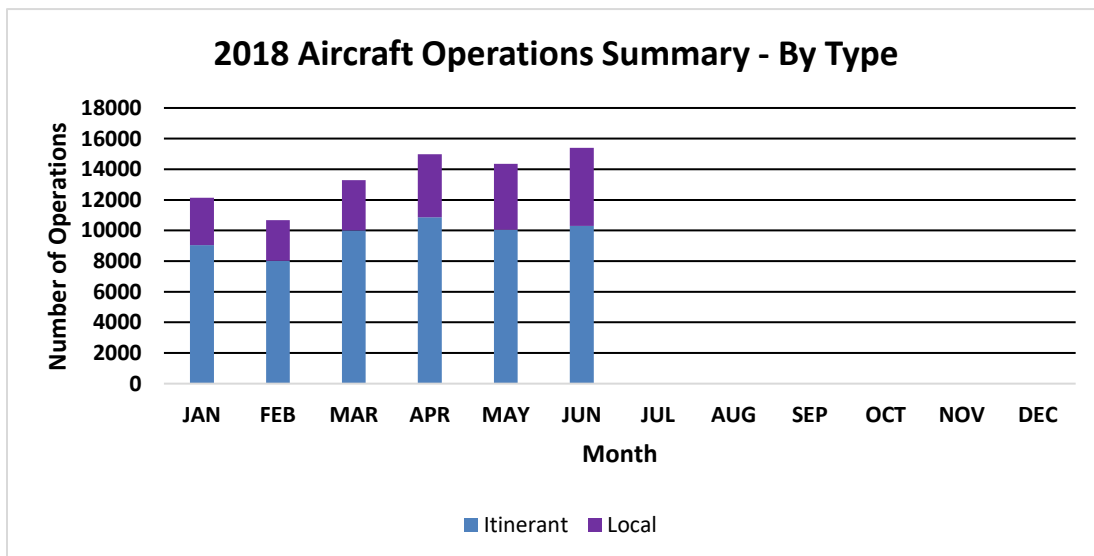
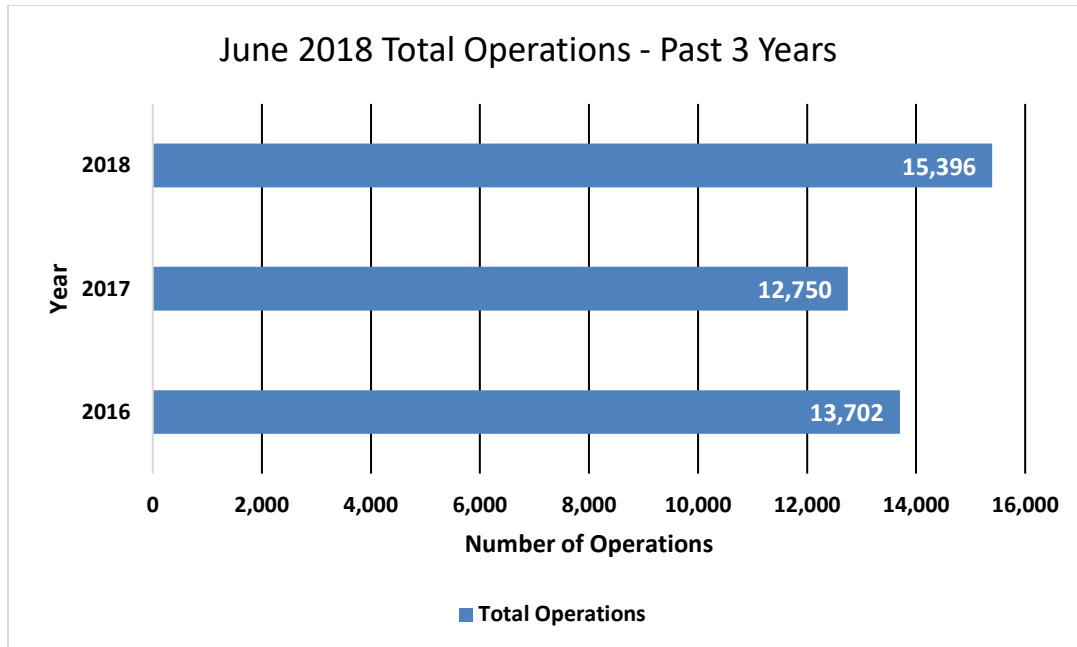
One take-off or landing. Touch-and-go counts as two operations

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.

June 2018 Aircraft Operations Summary

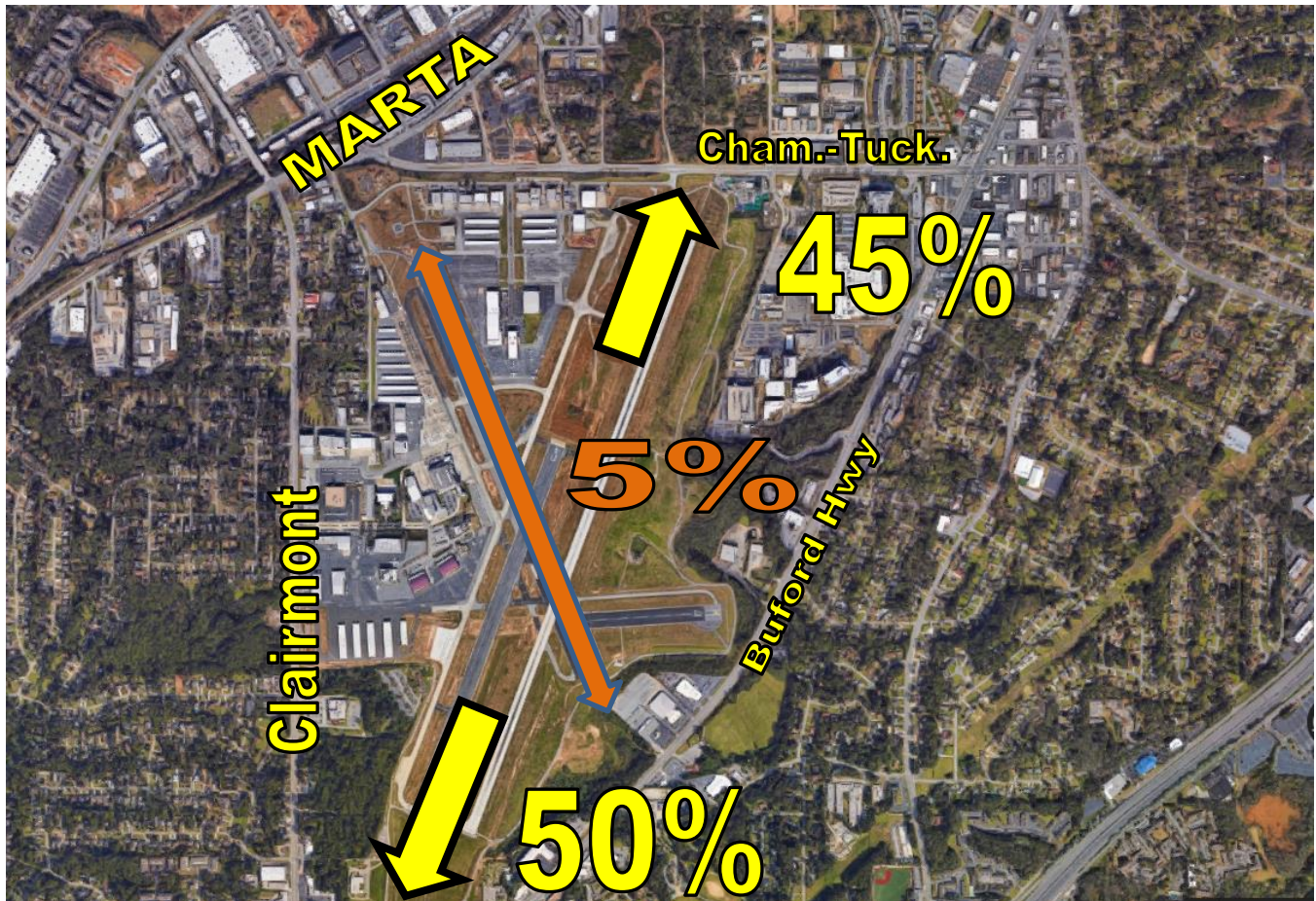


| | | |
|------------------------------|--|---------------------------------------|
| 2017 Total Operations | 2017 Total Operations as of June 2017 | Total 2018 Ops as of June 2018 |
| 159,066 | 77,382 | 80,811 |

| 2018 Tower-Recorded Operations by Month | | | | |
|--|-----------|-------|---------------------|---------------------|
| | Itinerant | Local | Total Operations | Voluntary Curfew |
| JAN | 9,055 | 3,074 | 12,129 | 378 |
| FEB | 8,029 | 2,638 | 10,667 | 297 |
| MAR | 10,007 | 3,272 | 13,279 | 362 |
| APR | 10,871 | 4,107 | 14,978 | 364 |
| MAY | 10,041 | 4,321 | 14,362 | 373 |
| JUN | 10,293 | 5,103 | 15,396 | 348 |
| JUL | | | | |
| AUG | | | | |
| SEP | | | | |
| OCT | | | | |
| NOV | | | | |
| DEC | | | | |

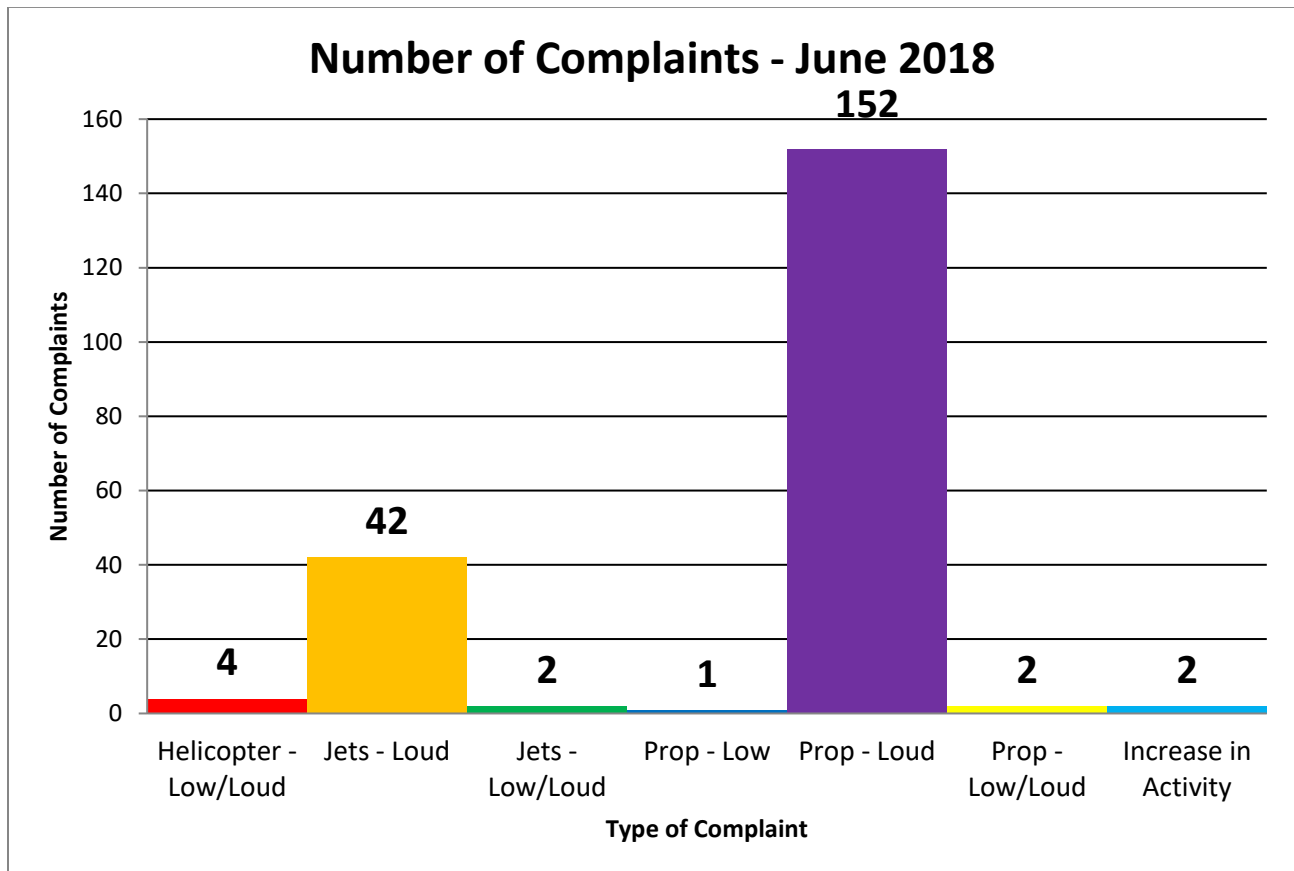
Runway Mode of Operations – June 2018

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.

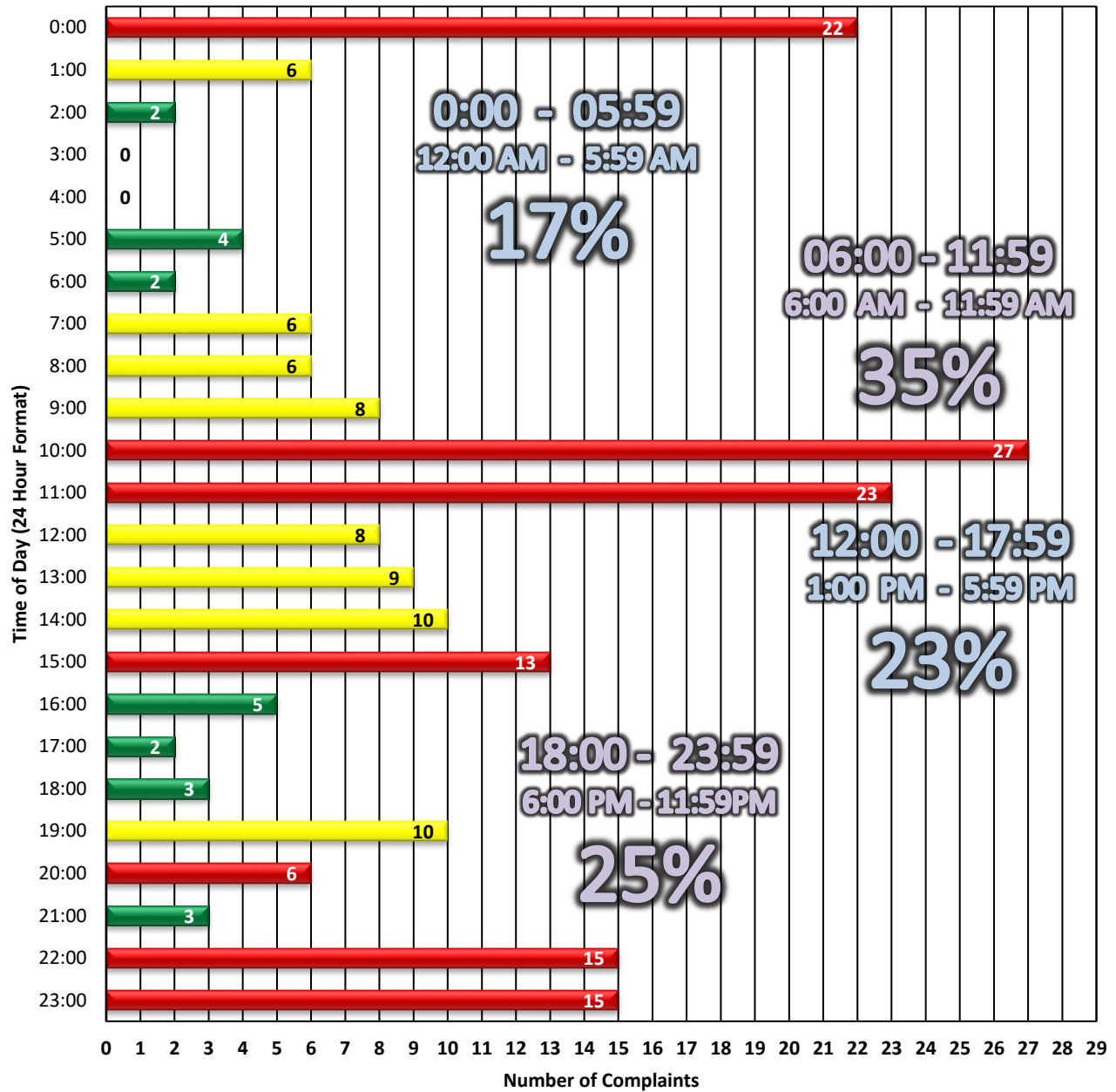


Noise Disturbance Summary

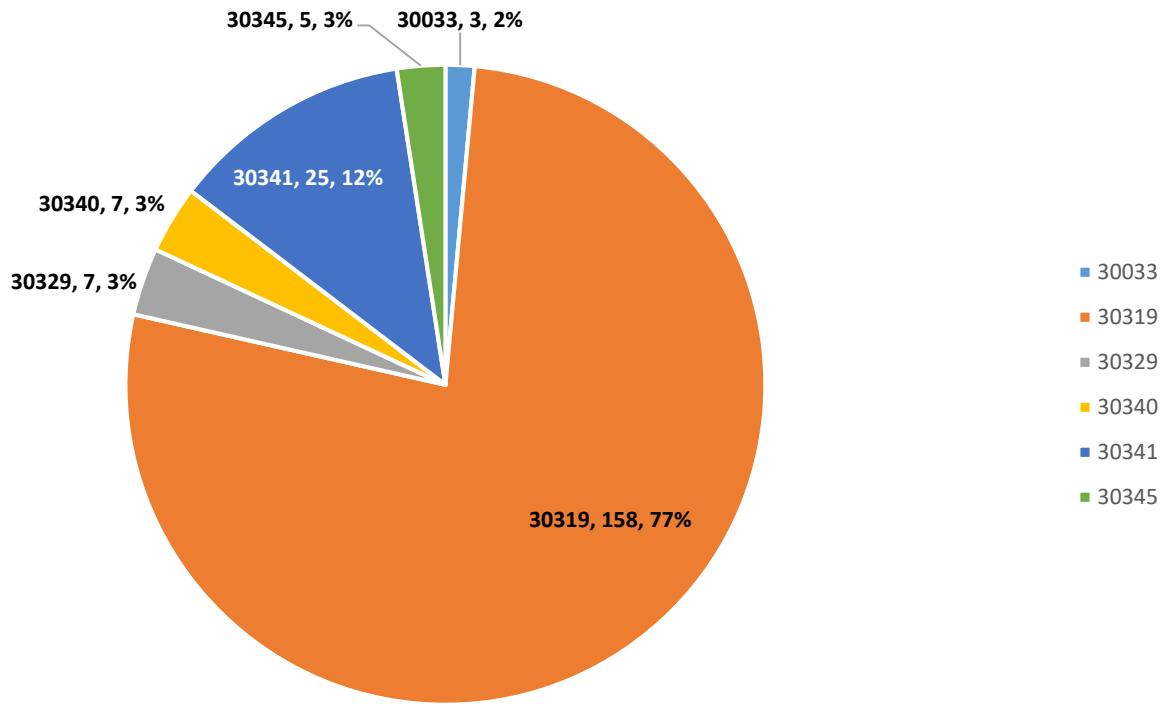
| Total complaints for June 2018 | Monthly Complaint Average 2018 | June 2018 Complaints per Household <i>(minus top two/Households)</i> | June 2018 Complaints per Household <i>All Inclusive</i> |
|--------------------------------|--------------------------------|--|---|
| 205 | 116.5 | 3.7 | 9.3 |



Number of Complaints by Hour



Complaints by Zip Code - June 2018

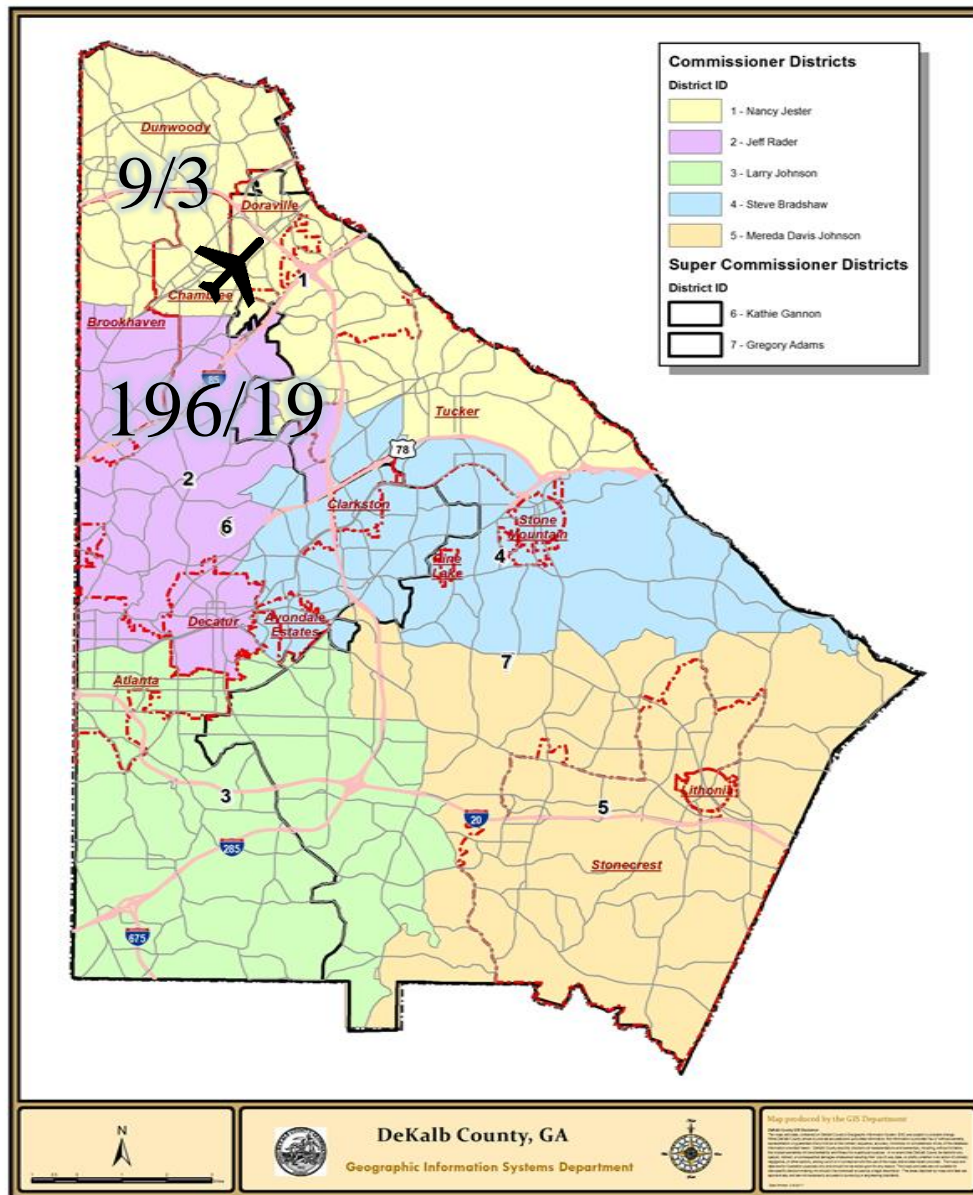


| Zip Code Guide | | |
|----------------|-----------------------------|-----------------|
| Zip Code | Community | % of Complaints |
| 30033 | North Decatur | 1.46% |
| 30319 | Brookhaven | 77.07% |
| 30329 | Atlanta – North Druid Hills | 3.41% |
| 30340 | Doraville | 3.41% |
| 30341 | Chamblee – North | 12.20% |
| 30345 | Chamblee - South | 2.44% |

Complaints by Caller

| Name | Address | City | Zip Code | # of Complaints |
|--------------------|--------------------------|------------|----------|-----------------|
| Anonymous - Del003 | Skyland Trail NE | Brookhaven | 30319 | 86 |
| Anonymous - Sch013 | Cotswold Drive NE | Brookhaven | 30319 | 46 |
| Feldman | 2376 Arrow Cir | Chamblee | 30341 | 23 |
| Polsinelli | 2016 Drew Valley Rd NE | Brookhaven | 30319 | 13 |
| Anonymous - Alo001 | Clairmont North | Atlanta | 30329 | 7 |
| Snyder | 3439 Allison Dr | Doraville | 30340 | 7 |
| Crecente | 2554 Drew Valley Rd NE | Brookhaven | 30319 | 3 |
| Anonymous - Dun006 | Skyland Trl NE | Brookhaven | 30319 | 3 |
| Johnson | 1234 Williamswood Pointe | Decatur | 30033 | 3 |
| Fox | 2423 Woodacres Rd NE | Chamblee | 30345 | 2 |
| Adams | 1979 Continental Dr NE | Chamblee | 30345 | 1 |
| Bonno | 2358 Logan Cir NE | Brookhaven | 30319 | 1 |
| Dean | 1913 9th St | Chamblee | 30341 | 1 |
| Anonymous - Den001 | Fearn Circle | Brookhaven | 30319 | 1 |
| Green | 2665 Ashford Rd NE | Atlanta | 30319 | 1 |
| Hayes | 1868 Skyfall Cir NE | Brookhaven | 30319 | 1 |
| Nocke | 2677 Warwick Cir | Chamblee | 30345 | 1 |
| Ringstrom | 2456 Oostanaula Dr | Brookhaven | 30319 | 1 |
| Ruben | 2039 Drew Valley Road | Brookhaven | 30319 | 1 |
| Sheffield | 1920 Gainsborough Drive | Chamblee | 30341 | 1 |
| Anonymous - Smi024 | Oakawana Dr | Chamblee | 30345 | 1 |
| Terry | 2652 Cove Circle NE | Atlanta | 30319 | 1 |

Complaints per Commission District






Total Number of Complaints
Total Number of Complainants

205/
22

Correlation Chart of Noise Complaints to Operations

Chart Legend:

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

The airport correlated **201 (98.05%)** out of **205** complaints:

- **194 or 94.63%** of the noise complaints were found to be **Direct** correlations
- **4 or 1.95%** were **Indirect** correlations to operations
- **7 or 3.41%** 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: *Nate Schattner, Airport Noise and Environmental Analyst*, for more information regarding the PDK Good Neighbor Program at (770) 936-5440 or neschattner@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 | Reported Offense Time | Correlated Flight Time Recorded | Rwy | Op Type | Aircraft Type | Flight ID | NMS | Lmax |
|-----------------------|-----------------------------|---------------------------------------|-----|------------|------------------|-----------|----------|------|
| Anonymous - Del003 | 6/1/2018 8:48 | 6/1/2018 8:50 | 21L | D | G280 | N270PC | NMS 3 | 78.8 |
| Anonymous - Del003 | 6/1/2018 10:26 | 6/1/2018 10:25 | 21L | D | C421 | N421GL | NMS 3 | 73.6 |
| Anonymous - Del003 | 6/1/2018 10:34 | 6/1/2018 10:24 | 21R | D | UNKN | N5423F | NMS 3 | 72.1 |
| Anonymous - Del003 | 6/1/2018 12:54 | 6/1/2018 12:54 | 21R | D | UNKN | N1619W | NMS 3 | 67.3 |
| Anonymous - Del003 | 6/1/2018 13:00 | 6/1/2018 12:57 | 21R | D | UNKN | N9298S | NMS 3 | 76.2 |
| Ringstrom | 6/1/2018 13:00 | 6/1/2018 12:57 | 21R | D | UNKN | N9298S | NMS 3 | 76.2 |
| Anonymous - Del003 | 6/1/2018 13:24 | 6/1/2018 13:24 | 21R | D | PC12 | N717NC | - | - |
| Anonymous - Del003 | 6/1/2018 14:46 | 6/1/2018 14:46 | 21L | D | UNKN | UNKN | NMS 3 | 84.3 |
| Anonymous - Del003 | 6/1/2018 15:10 | 6/1/2018 15:10 | 21L | D | UNKN | UNKN | NMS 2 | 71.1 |
| Anonymous - Del003 | 6/1/2018 15:29 | 6/1/2018 15:29 | 21R | D | FA8X | OYDBS | NMS 3 | 70.6 |
| Anonymous - Del003 | 6/1/2018 16:46 | 6/1/2018 16:46 | UNK | D | C56X | N452M | NMS 3 | 85 |
| Anonymous - Del003 | 6/1/2018 18:57 | 6/1/2018 18:57 | 21L | D | AEST | N12PX | NMS 3 | 71.1 |
| Anonymous - Del003 | 6/1/2018 19:02 | 6/1/2018 19:02 | UNK | D | BE55 | N879JP | NMS 2 | 70.5 |
| Anonymous - Del003 | 6/2/2018 10:00 | 6/2/2018 10:00 | 21L | D | SR20 | N593EH | NMS 3 | 75.6 |
| Anonymous - Del003 | 6/2/2018 10:38 | 6/2/2018 10:42 | 21L | D | UNKN | UNKN | - | - |
| Anonymous - Del003 | 6/2/2018 10:53 | 6/2/2018 10:54 | 21L | D | UNKN | UNKN | - | - |
| Anonymous - Del003 | 6/2/2018 11:06 | 6/2/2018 11:04 | 21R | D | P28A | N662A | - | - |
| Anonymous - Del003 | 6/2/2018 11:15 | 6/2/2018 11:14 | 21R | D | BE36 | N23VS | NMS 3 | 72.7 |
| Crecente | 6/3/2018 8:20 | 6/3/2018 8:13 | 21R | D | UNKN | UNKN | NMS 2 | 69.2 |
| Anonymous - Del003 | 6/3/2018 10:40 | 6/3/2018 10:41 | UNK | D | COL3 | N300TL | - | - |
| Anonymous - Del003 | 6/3/2018 11:49 | 6/3/2018 11:49 | 21L | D | UNKN | UNKN | NMS 2 | 70.6 |

| Name | Reported Offense Time | Correlated Flight Time Recorded | Rwy | Op Type | Aircraft Type | Flight ID | NMS | Lmax |
|-----------------------|-----------------------------|---------------------------------------|-----|------------|------------------|-----------|----------|------|
| Anonymous - Del003 | 6/3/2018 13:17 | 6/3/2018 13:15 | 21R | D | UNKN | N513JP | NMS 3 | 71.4 |
| Anonymous - Del003 | 6/3/2018 13:27 | 6/3/2018 13:36 | 21L | A | UNKN | N393ES | NMS 3 | 70.1 |
| Anonymous - Del003 | 6/3/2018 14:06 | 6/3/2018 14:09 | UNK | D | UNKN | UNKN | - | - |
| Anonymous - Del003 | 6/3/2018 14:09 | 6/3/2018 14:09 | UNK | D | UNKN | UNKN | - | - |
| Anonymous - Del003 | 6/3/2018 14:12 | 6/3/2018 14:12 | 21R | D | UNKN | N2317V | NMS 3 | 70.3 |
| Anonymous - Del003 | 6/3/2018 14:16 | 6/3/2018 14:17 | 21L | D | C25C | N1MG | NMS 3 | 73.7 |
| Anonymous - Del003 | 6/3/2018 14:45 | 6/3/2018 14:38 | UNK | D | SW4 | AMF743 | - | - |
| Feldman | 6/4/2018 5:59 | 6/4/2018 6:02 | 34 | D | Helo | N2AQ | - | - |
| Feldman | 6/4/2018 6:30 | 6/4/2018 6:30 | UNK | D | C560 | N802AB | NMS 1 | 87.8 |
| Anonymous - Del003 | 6/5/2018 0:30 | 6/5/2018 0:30 | UNK | A | AC50 | CTL67 | - | - |
| Crecente | 6/5/2018 0:30 | 6/5/2018 0:30 | UNK | A | AC50 | CTL67 | - | - |
| Anonymous - Del003 | 6/5/2018 1:36 | 6/5/2018 1:37 | 03R | A | UNKN | UNKN | NMS 3 | 67.7 |
| Feldman | 6/5/2018 5:59 | 6/5/2018 6:02 | UNK | D | UNKN | N2AQ | - | - |
| Anonymous - Del003 | 6/5/2018 9:52 | 6/5/2018 9:46 | UNK | D | UNKN | N887AE | NMS 3 | 67.2 |
| Anonymous - Del003 | 6/5/2018 10:08 | 6/5/2018 10:08 | 21R | D | SR22 | N513JP | NMS 3 | 70.7 |
| Anonymous - Del003 | 6/5/2018 10:24 | 6/5/2018 10:18 | 21R | D | UNKN | N103AV | NMS 3 | 69.8 |
| Anonymous - Del003 | 6/5/2018 11:04 | 6/5/2018 11:02 | 21L | D | LJ60 | N30GJ | NMS 3 | 72 |
| Anonymous - Del003 | 6/5/2018 11:26 | 6/5/2018 11:25 | 21R | D | C172 | N704RB | NMS 3 | 72 |
| Feldman | 6/7/2018 0:04 | 6/7/2018 0:00 | 03R | D | H25C | N730CJ | - | - |
| Feldman | 6/7/2018 0:43 | 6/7/2018 0:36 | 03R | A | AC50 | CTL67 | - | - |
| Feldman | 6/7/2018 0:58 | 6/7/2018 0:56 | 03R | A | C560 | N508KD | - | - |
| Feldman | 6/7/2018 2:56 | 6/7/2018 3:06 | 21L | A | PC12 | N677ST | NMS 1 | 84.9 |

| Name | Reported Offense Time | Correlated Flight Time Recorded | Rwy | Op Type | Aircraft Type | Flight ID | NMS | Lmax |
|-----------------------|-----------------------------|---------------------------------------|-----|------------|------------------|-----------|----------|------|
| Johnson | 6/7/2018 20:04 | 6/7/2018 20:04 | 03R | A | PA44 | N790GK | - | - |
| Anonymous - Del003 | 6/8/2018 14:49 | 6/8/2018 14:49 | UNK | A | UNKN | UNKN | NMS 3 | 81.7 |
| Polsinelli | 6/8/2018 22:15 | 6/8/2018 22:31 | UNK | D | UNKN | UNKN | NMS 3 | 81.6 |
| Anonymous - Sch013 | 6/8/2018 22:30 | 6/8/2018 22:31 | UNK | D | UNKN | UNKN | NMS 3 | 81.6 |
| Hayes | 6/8/2018 22:30 | 6/8/2018 22:31 | UNK | D | UNKN | UNKN | NMS 3 | 81.6 |
| Terry | 6/8/2018 22:30 | 6/8/2018 22:31 | UNK | D | UNKN | UNKN | NMS 3 | 81.6 |
| Ruben | 6/8/2018 22:30 | 6/8/2018 22:31 | UNK | D | UNKN | UNKN | NMS 3 | 81.6 |
| Anonymous - Del003 | 6/8/2018 22:31 | 6/8/2018 22:31 | UNK | D | UNKN | UNKN | NMS 3 | 81.6 |
| Anonymous - Del003 | 6/9/2018 11:11 | 6/9/2018 11:12 | 21R | D | PA28 | N6919J | NMS 1 | 70.2 |
| Anonymous - Del003 | 6/9/2018 17:07 | 6/9/2018 17:07 | 03L | A | UNKN | N53FZ | NMS 3 | 70.6 |
| Polsinelli | 6/9/2018 22:00 | 6/9/2018 22:01 | UNK | A | UNKN | N887AE | NMS 2 | 69.3 |
| Anonymous - Del003 | 6/10/2018 0:16 | 6/10/2018 0:15 | 21R | D | PA28 | N3231R | NMS 3 | 74.8 |
| Anonymous - Del003 | 6/10/2018 0:22 | 6/10/2018 0:15 | 21R | D | PA28 | N3231R | NMS 2 | 74 |
| Anonymous - Del003 | 6/10/2018 0:28 | 6/10/2018 0:15 | 21R | D | PA28 | N3231R | NMS 3 | 73.9 |
| Anonymous - Del003 | 6/10/2018 0:33 | 6/10/2018 0:33 | 21R | D | PA28 | N3231R | NMS 3 | 74.2 |
| Fox | 6/10/2018 5:00 | Increase in Activity | | | | | | |
| Fox | 6/10/2018 10:29 | 6/10/2018 10:29 | 03L | A | UNKN | N7441T | - | - |
| Nocke | 6/10/2018 13:42 | 6/10/2018 13:39 | 16 | D | UNKN | N996SB | NMS 3 | 77.3 |
| Polsinelli | 6/10/2018 19:20 | 6/10/2018 19:18 | UNK | D | GALX | N573PT | NMS 3 | 74.3 |
| Anonymous - Del003 | 6/10/2018 23:58 | 6/10/2018 23:58 | 21L | D | C208 | N208LS | NMS 3 | 71.7 |
| Polsinelli | 6/11/2018 20:58 | 6/11/2018 20:57 | 21L | D | GLEX | N806AS | NMS 3 | 79.3 |
| Feldman | 6/11/2018 23:35 | 6/11/2018 23:35 | UNK | D | H25B | N732AA | NMS 1 | 85.4 |

| Name | Reported Offense Time | Correlated Flight Time Recorded | Rwy | Op Type | Aircraft Type | Flight ID | NMS | Lmax |
|-----------------------|-----------------------------|---------------------------------------|-----|------------|------------------|-----------|----------|------|
| Anonymous - Del003 | 6/12/2018 0:36 | 6/12/2018 0:35 | UNK | D | C208 | N208LS | NMS 3 | 73.8 |
| Anonymous - Sch013 | 6/12/2018 10:29 | 6/12/2018 10:29 | 21L | D | BE58 | N18VR | NMS 3 | 75.1 |
| Polsinelli | 6/12/2018 10:51 | 6/12/2018 10:50 | 21L | D | PC12 | N401SM | NMS 3 | 72.9 |
| Anonymous - Del003 | 6/12/2018 11:31 | 6/12/2018 11:31 | UNK | D | F900 | N900LJ | - | - |
| Polsinelli | 6/12/2018 14:26 | 6/12/2018 14:25 | 21L | D | F900 | N116RW | NMS 3 | 82 |
| Anonymous - Sch013 | 6/12/2018 18:27 | 6/12/2018 18:15 | 21R | D | SR22 | N6919J | NMS 3 | 70.9 |
| Anonymous - Sch013 | 6/12/2018 19:06 | 6/12/2018 19:06 | 21L | D | UNKN | UNKN | NMS 2 | 67.9 |
| Anonymous - Sch013 | 6/12/2018 19:15 | 6/12/2018 19:10 | 21R | D | UNKN | N6919J | NMS 3 | 71.7 |
| Anonymous - Sch013 | 6/12/2018 19:29 | 6/12/2018 19:30 | 21L | D | UNKN | UNKN | NMS 2 | 69.4 |
| Anonymous - Sch013 | 6/12/2018 19:46 | 6/12/2018 19:45 | UNK | D | UNKN | UNKN | NMS 2 | 68.4 |
| Anonymous - Sch013 | 6/12/2018 19:48 | 6/12/2018 19:45 | UNK | D | UNKN | UNKN | NMS 2 | 68.4 |
| Feldman | 6/13/2018 6:01 | Not Correlated | | | | | | |
| Anonymous - Sch013 | 6/13/2018 9:14 | 6/13/2018 9:13 | 21R | D | SR22 | N822MS | NMS 3 | 72 |
| Anonymous - Sch013 | 6/13/2018 9:23 | 6/13/2018 9:23 | 21R | D | PA32 | N117SE | NMS 3 | 70.2 |
| Anonymous - Den001 | 6/14/2018 0:01 | 6/14/2018 0:01 | 21L | D | FA50 | N903JS | NMS 3 | 86.3 |
| Anonymous - Del003 | 6/14/2018 9:13 | 6/14/2018 9:14 | 21R | D | UNKN | N140SB | | |
| Anonymous - Sch013 | 6/14/2018 9:21 | 6/14/2018 9:20 | 21R | D | UNKN | N343BZ | NMS 3 | 69.2 |
| Anonymous - Sch013 | 6/14/2018 10:05 | 6/14/2018 10:04 | 21R | D | UNKN | N996SB | NMS 1 | 85.2 |
| Anonymous - Sch013 | 6/14/2018 10:13 | 6/14/2018 10:11 | 21R | D | UNKN | N996SB | NMS 3 | 73.8 |
| Anonymous - Sch013 | 6/14/2018 10:22 | 6/14/2018 10:22 | 21R | D | UNKN | N996SB | - | - |
| Anonymous - Dun006 | 6/14/2018 10:43 | 6/14/2018 10:31 | 21R | D | UNKN | N103AV | NMS 3 | 71.6 |
| Anonymous - Del003 | 6/14/2018 10:43 | 6/14/2018 10:43 | UNK | D | BE17 | N265E | NMS 2 | 71 |

| Name | Reported Offense Time | Correlated Flight Time Recorded | Rwy | Op Type | Aircraft Type | Flight ID | NMS | Lmax |
|-----------------------|-----------------------------|---------------------------------------|-----|------------|------------------|-----------|----------|------|
| Anonymous - Sch013 | 6/14/2018 10:44 | 6/14/2018 10:43 | UNK | D | BE17 | N265E | NMS 2 | 71 |
| Adams | 6/14/2018 15:57 | 6/14/2018 16:00 | 21L | D | E55P | N82161 | NMS 3 | 78.6 |
| Anonymous - Del003 | 6/14/2018 21:01 | 6/14/2018 21:01 | 03R | A | G280 | N610DP | - | - |
| Feldman | 6/15/2018 23:39 | 6/15/2018 23:40 | 21R | D | H25B | N355FA | NMS 3 | 73.5 |
| Anonymous - Del003 | 6/16/2018 10:40 | 6/16/2018 10:34 | 21L | D | UNKN | N6919J | NMS 3 | 71.4 |
| Anonymous - Del003 | 6/16/2018 11:54 | 6/16/2018 11:53 | UNK | D | UNKN | UNKN | NMS 3 | 71.3 |
| Anonymous - Del003 | 6/16/2018 13:43 | 6/16/2018 13:44 | 21L | D | C414 | N56H | NMS 3 | 80.3 |
| Anonymous - Del003 | 6/16/2018 14:38 | 6/16/2018 14:37 | UNK | D | UNKN | UNKN | - | - |
| Anonymous - Del003 | 6/16/2018 15:00 | 6/16/2018 15:02 | 21L | D | UNKN | N2619C | NMS 3 | 84 |
| Anonymous - Del003 | 6/16/2018 15:15 | 6/16/2018 15:14 | 21R | D | UNKN | N349SB | NMS 3 | 72.6 |
| Anonymous - Del003 | 6/16/2018 16:08 | 6/16/2018 16:08 | 21R | D | UNKN | N8200Y | - | - |
| Anonymous - Del003 | 6/17/2018 12:20 | 6/17/2018 12:22 | 21R | D | UNKN | N349SB | NMS 3 | 84 |
| Anonymous - Del003 | 6/17/2018 12:35 | 6/17/2018 12:34 | 21L | D | UNKN | UNKN | NMS 3 | 73 |
| Anonymous - Del003 | 6/17/2018 13:23 | 6/17/2018 13:22 | 21L | D | BE58 | N80XX | NMS 3 | 71.7 |
| Anonymous - Del003 | 6/17/2018 13:49 | 6/17/2018 13:49 | UNK | D | UNKN | UNKN | NMS 3 | 70 |
| Anonymous - Del003 | 6/17/2018 14:04 | 6/17/2018 13:53 | 21R | D | UNKN | N109TJ | NMS 3 | 71.3 |
| Anonymous - Del003 | 6/17/2018 15:07 | 6/17/2018 15:07 | 21L | D | UNKN | UNKN | NMS 3 | 72.2 |
| Anonymous - Del003 | 6/17/2018 15:12 | 6/17/2018 15:07 | 21L | D | UNKN | UNKN | NMS 3 | 72.2 |
| Anonymous - Del003 | 6/17/2018 15:49 | 6/17/2018 15:48 | 21R | D | UNKN | UNKN | - | - |
| Anonymous - Del003 | 6/17/2018 16:08 | 6/17/2018 16:03 | 21L | D | CL60 | N650HJ | NMS 3 | 69.4 |
| Anonymous - Del003 | 6/17/2018 16:14 | 6/17/2018 16:12 | UNK | A | HELO | N133AA | NMS 2 | 68.7 |
| Anonymous - Del003 | 6/17/2018 16:23 | 6/17/2018 16:27 | 21R | D | UNKN | UNKN | NMS 1 | 84.9 |

| Name | Reported Offense Time | Correlated Flight Time Recorded | Rwy | Op Type | Aircraft Type | Flight ID | NMS | Lmax |
|-----------------------|-----------------------------|---------------------------------------|-----|------------|------------------|-----------|----------|------|
| Anonymous - Del003 | 6/17/2018 18:12 | 6/17/2018 18:15 | UNK | D | H25B | N800XM | NMS 3 | 83.9 |
| Anonymous - Del003 | 6/17/2018 20:41 | 6/17/2018 20:42 | UNK | D | UNKN | UNKN | NMS 2 | 71.9 |
| Feldman | 6/18/2018 0:13 | 6/18/2018 0:14 | UNK | D | UNKN | UNKN | NMS 4 | 68.1 |
| Feldman | 6/18/2018 0:28 | 6/18/2018 0:28 | UNK | D | C208 | UNKN | NMS 3 | 68.9 |
| Feldman | 6/18/2018 0:32 | 6/18/2018 0:32 | 03R | A | PC12 | N895CR | NMS 3 | 70.1 |
| Johnson | 6/18/2018 19:49 | Increase in Activity | | | | | | |
| Snyder | 6/19/2018 21:56 | 6/19/2018 21:55 | UNK | D | UNKN | UNKN | - | - |
| Snyder | 6/19/2018 21:57 | 6/19/2018 21:50 | 03R | D | UNKN | N177JT | NMS 1 | 72.5 |
| Snyder | 6/19/2018 22:03 | 6/19/2018 21:50 | 03R | D | UNKN | N177JT | NMS 1 | 72.5 |
| Snyder | 6/19/2018 22:09 | 6/19/2018 22:09 | UNK | D | UNKN | UNKN | - | - |
| Anonymous - Alo001 | 6/19/2018 23:11 | 6/19/2018 23:10 | 03L | A | GLF4 | N445BJ | NMS 3 | 66.4 |
| Bonno | 6/20/2018 0:21 | 6/20/2018 0:29 | 03R | A | AC50 | N127KH | - | - |
| Sheffield | 6/20/2018 1:26 | 6/20/2018 1:21 | UNK | D | C208 | N208LS | NMS 1 | 72.5 |
| Anonymous - Sch013 | 6/20/2018 10:36 | 6/20/2018 10:41 | 03L | A | UNKN | N68071 | NMS 1 | 70.3 |
| Anonymous - Del003 | 6/20/2018 11:07 | 6/20/2018 11:08 | UNK | A | UNKN | N445CH | - | - |
| Anonymous - Del003 | 6/20/2018 11:46 | 6/20/2018 11:42 | 03R | D | UNKN | UNKN | NMS 1 | 76.7 |
| Green | 6/20/2018 20:11 | 6/20/2018 20:13 | 03R | A | UNKN | UNKN | - | |
| Snyder | 6/20/2018 22:13 | 6/20/2018 22:06 | UNK | D | UNKN | UNKN | NMS 1 | 79.2 |
| Snyder | 6/20/2018 22:19 | 6/20/2018 22:13 | 03R | D | UNKN | UNKN | NMS 1 | 74.3 |
| Snyder | 6/20/2018 22:22 | 6/20/2018 22:13 | 03R | D | UNKN | UNKN | NMS 1 | 74.3 |
| Anonymous - Smi024 | 6/20/2018 22:43 | 6/20/2018 22:42 | UNK | D | UNKN | UNKN | NMS 4 | 72.7 |
| Anonymous - Alo001 | 6/20/2018 23:47 | 6/20/2018 23:47 | 21R | D | SW4 | AMF708 | - | - |

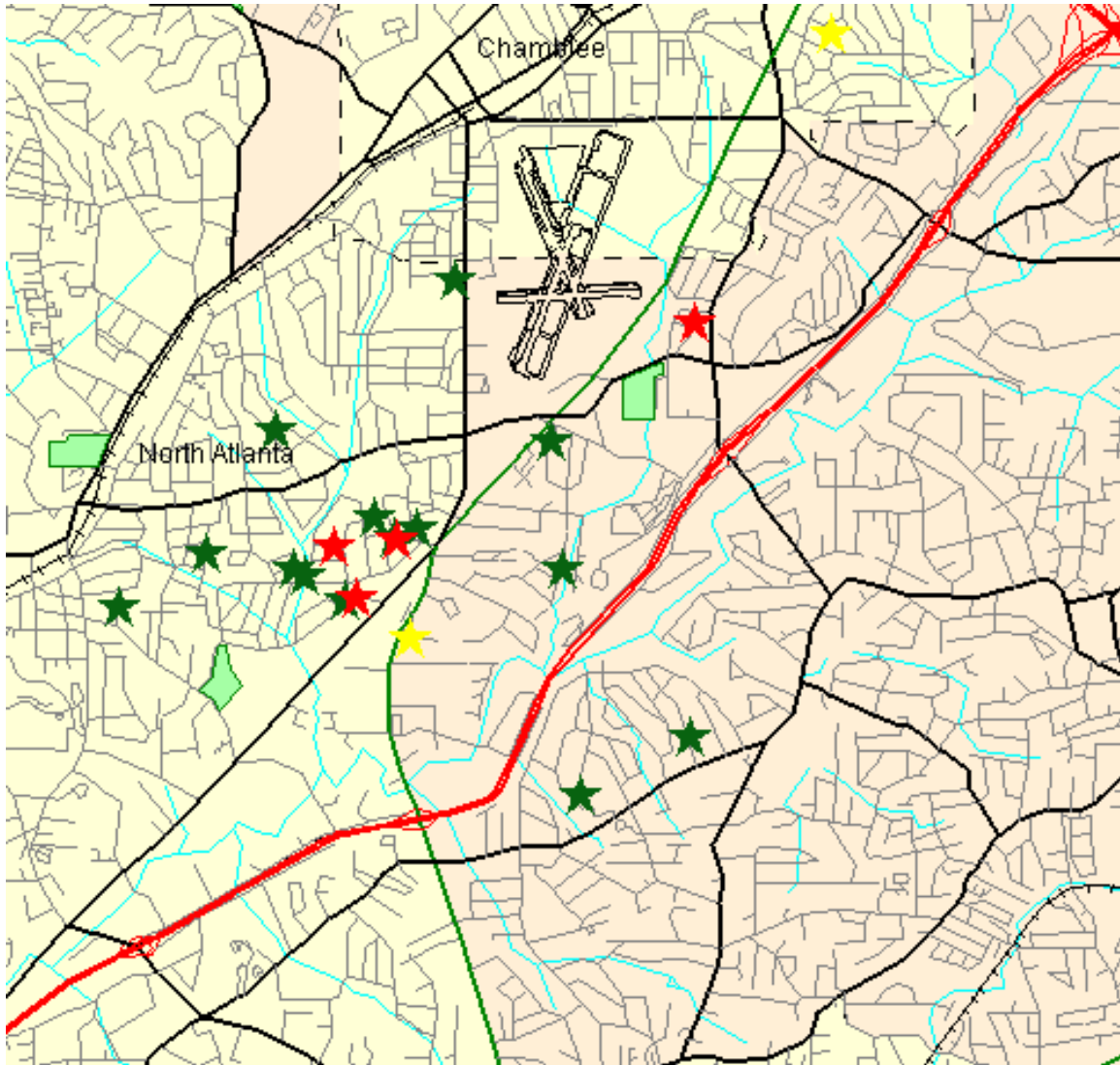
| Name | Reported Offense Time | Correlated Flight Time Recorded | Rwy | Op Type | Aircraft Type | Flight ID | NMS | Lmax |
|-----------------------|-----------------------------|---------------------------------------|-----|------------|------------------|-----------|----------|------|
| Anonymous - Alo001 | 6/20/2018 23:50 | Not Correlated | | | | | | |
| Anonymous - Del003 | 6/21/2018 15:40 | 6/21/2018 15:39 | 21L | D | BE58 | N7377R | NMS 3 | 70.1 |
| Polsinelli | 6/21/2018 19:29 | 6/21/2018 19:27 | 21L | D | CL60 | N329TL | NMS 3 | 72.3 |
| Anonymous - Sch013 | 6/21/2018 19:34 | 6/21/2018 19:32 | UNK | D | UNKN | | NMS 3 | 73.7 |
| Anonymous - Sch013 | 6/21/2018 20:16 | 6/21/2018 20:21 | 21L | D | PRM1 | N99MN | NMS 3 | 72 |
| Feldman | 6/21/2018 23:12 | 6/21/2018 23:21 | UNK | A | AC50 | | NMS 1 | 68.3 |
| Anonymous - Sch013 | 6/22/2018 7:28 | 6/22/2018 7:28 | 21R | D | S22T | N328MC | | |
| Anonymous - Dun006 | 6/22/2018 10:48 | 6/22/2018 10:48 | UNK | D | UNKN | | | |
| Polsinelli | 6/22/2018 15:51 | 6/22/2018 15:51 | UNK | D | C56X | N536CH | NMS 3 | 70.6 |
| Polsinelli | 6/22/2018 15:54 | 6/22/2018 15:53 | UNK | D | J328 | N419FJ | NMS 3 | 79.7 |
| Anonymous - Sch013 | 6/23/2018 8:11 | 6/23/2018 8:11 | 21L | D | M20P | N1034S | NMS 3 | 71.3 |
| Anonymous - Dun006 | 6/23/2018 10:48 | 6/23/2018 10:47 | UNK | D | UNKN | | NMS 2 | 69.9 |
| Anonymous - Alo001 | 6/24/2018 0:53 | Not Correlated | | | | | | |
| Polsinelli | 6/24/2018 10:39 | 6/24/2018 10:39 | 21L | D | C560 | N560GG | NMS 3 | 75.7 |
| Polsinelli | 6/24/2018 11:00 | 6/24/2018 11:00 | 21L | D | E55P | N5A | NMS 3 | 75.8 |
| Polsinelli | 6/24/2018 11:09 | 6/24/2018 11:08 | 21L | D | C172 | | NMS 3 | 69.6 |
| Anonymous - Sch013 | 6/24/2018 11:26 | 6/24/2018 11:25 | 21L | D | UNKN | UNKN | - | - |
| Anonymous - Sch013 | 6/24/2018 11:31 | 6/24/2018 11:28 | 21R | D | UNKN | N996SB | - | - |
| Anonymous - Sch013 | 6/24/2018 11:40 | 6/24/2018 11:40 | 21R | D | UNKN | N314GT | NMS 3 | 69.1 |
| Anonymous - Sch013 | 6/24/2018 11:43 | 6/24/2018 11:43 | 21L | D | F2TH | N905NB | NMS 2 | 72.7 |
| Anonymous - Alo001 | 6/24/2018 23:18 | 6/24/2018 23:17 | 21L | D | GLF5 | N550DX | NMS 3 | 74.2 |
| Anonymous - Sch013 | 6/25/2018 7:36 | 6/25/2018 7:23 | 21R | D | UNKN | N9298S | NMS 3 | 69.4 |

| Name | Reported Offense Time | Correlated Flight Time Recorded | Rwy | Op Type | Aircraft Type | Flight ID | NMS | Lmax |
|-----------------------|-----------------------------|---------------------------------------|-----|------------|------------------|-----------|----------|------|
| Anonymous - Sch013 | 6/25/2018 7:55 | 6/25/2018 7:56 | 21L | D | UNKN | UNKN | NMS 3 | 67.5 |
| Anonymous - Sch013 | 6/25/2018 7:57 | 6/25/2018 7:56 | 21L | D | UNKN | UNKN | NMS 3 | 67.5 |
| Crecente | 6/25/2018 7:58 | 6/25/2018 7:57 | 21R | D | UNKN | N9298S | NMS 3 | 74.4 |
| Anonymous - Sch013 | 6/25/2018 7:59 | 6/25/2018 7:48 | 21R | D | UNKN | N103AV | NMS 3 | 68.5 |
| Anonymous - Sch013 | 6/25/2018 8:30 | 6/25/2018 8:29 | 21R | D | UNKN | UNKN | - | - |
| Anonymous - Sch013 | 6/25/2018 8:40 | 6/25/2018 8:35 | 21R | D | UNKN | N9298S | NMS 3 | 71.9 |
| Anonymous - Sch013 | 6/25/2018 8:41 | 6/25/2018 8:35 | 21R | D | UNKN | N9298S | NMS 3 | 72.1 |
| Anonymous - Sch013 | 6/25/2018 10:15 | 6/25/2018 10:14 | 21R | D | UNKN | N6919J | NMS 3 | 72.2 |
| Anonymous - Sch013 | 6/25/2018 10:45 | 6/25/2018 10:45 | 21R | D | UNKN | N6711G | NMS 3 | 72.1 |
| Anonymous - Sch013 | 6/25/2018 11:26 | 6/25/2018 11:25 | 21L | D | PC12 | N133PE | NMS 3 | 72.4 |
| Anonymous - Sch013 | 6/25/2018 11:31 | 6/25/2018 11:29 | 21R | D | UNKN | UNKN | - | - |
| Dean | 6/25/2018 17:54 | Not Correlated | | | | | | |
| Anonymous - Alo001 | 6/25/2018 23:05 | 6/25/2018 23:04 | 21L | D | C560 | N825TX | NMS 3 | 82.4 |
| Anonymous - Del003 | 6/26/2018 9:52 | 6/26/2018 9:52 | 21L | D | C525 | N525LX | NMS 3 | 68.8 |
| Anonymous - Del003 | 6/26/2018 10:57 | 6/26/2018 10:57 | UNK | D | UNKN | | NMS 3 | 69.6 |
| Anonymous - Del003 | 6/26/2018 11:16 | 6/26/2018 11:15 | 21L | D | BE58 | N78DB | NMS 3 | 74.5 |
| Anonymous - Del003 | 6/26/2018 11:38 | 6/26/2018 11:37 | UNK | D | C182 | N46CL | - | - |
| Anonymous - Del003 | 6/26/2018 11:51 | 6/26/2018 11:50 | 21L | D | C680 | N349QS | - | - |
| Feldman | 6/26/2018 23:08 | 6/26/2018 23:07 | 03R | A | GLF4 | N318JW | - | - |
| Anonymous - Sch013 | 6/27/2018 11:49 | 6/27/2018 11:49 | 21R | D | C650 | N750CK | NMS 3 | 69.9 |
| Anonymous - Sch013 | 6/27/2018 12:11 | 6/27/2018 12:10 | 21L | D | UNKN | UNKN | NMS 4 | 68.5 |
| Anonymous - Sch013 | 6/27/2018 12:39 | 6/27/2018 12:38 | UNK | D | UNKN | UNKN | NMS 3 | 69.5 |

| Name | Reported Offense Time | Correlated Flight Time Recorded | Rwy | Op Type | Aircraft Type | Flight ID | NMS | Lmax |
|--------------------|-----------------------------|---------------------------------------|-----|------------|------------------|-----------|-------|------|
| Anonymous - Sch013 | 6/27/2018 12:40 | 6/27/2018 12:41 | 21I | D | C172 | N109TJ | NMS 1 | 88 |
| Anonymous - Sch013 | 6/27/2018 12:45 | 6/27/2018 12:44 | UNK | D | UNKN | UNKN | NMS 3 | 70.3 |
| Anonymous - Sch013 | 6/27/2018 15:54 | 6/27/2018 15:51 | 21L | D | UNKN | UNKN | - | - |
| Anonymous - Sch013 | 6/27/2018 15:56 | 6/27/2018 15:56 | 21L | D | PC12 | CNS757 | NMS 3 | 71.8 |
| Feldman | 6/27/2018 23:57 | 6/27/2018 23:56 | 21L | A | GLF5 | N102DZ | NMS 1 | 85.5 |
| Anonymous - Del003 | 6/28/2018 0:32 | 6/28/2018 0:33 | 03L | A | AC50 | N107DF | - | |
| Anonymous - Del003 | 6/28/2018 0:33 | 6/28/2018 0:33 | 03L | A | AC50 | N107DF | - | |
| Feldman | 6/28/2018 5:10 | Not Correlated | | | | | | |
| Anonymous - Sch013 | 6/28/2018 9:58 | 6/28/2018 9:58 | 21R | D | BE36 | N1072F | NMS 2 | 71.9 |
| Anonymous - Del003 | 6/28/2018 9:58 | 6/28/2018 9:58 | 21R | D | BE36 | N1072F | NMS 2 | 71.9 |
| Anonymous - Sch013 | 6/28/2018 10:02 | 6/28/2018 10:01 | 21L | D | UNKN | N941CS | NMS 3 | 67.9 |
| Anonymous - Sch013 | 6/28/2018 10:59 | 6/28/2018 10:59 | UNK | D | UNKN | UNKN | NMS 3 | 85.1 |
| Anonymous - Del003 | 6/28/2018 11:17 | 6/28/2018 11:17 | 21R | D | SR22 | N107TQ | NMS 3 | 68.8 |
| Anonymous - Del003 | 6/28/2018 12:04 | 6/28/2018 11:53 | UNK | O | UNKN | UNKN | NMS 3 | 70.5 |
| Johnson | 6/28/2018 20:46 | Increase in Activity | | O | | | - | - |
| Feldman | 6/28/2018 22:16 | 6/28/2018 22:11 | 21R | D | UNKN | N678CS | - | - |
| Polsinelli | 6/28/2018 22:17 | 6/28/2018 22:17 | 21L | D | C56X | N705WL | NMS 3 | 74 |
| Anonymous - Sch013 | 6/28/2018 23:31 | 6/28/2018 23:30 | 21L | D | SR22 | N270MW | NMS 3 | 70.5 |
| Anonymous - Del003 | 6/29/2018 0:31 | 6/29/2018 0:32 | 03R | A | AC50 | N107DF | - | - |
| Anonymous - Del003 | 6/29/2018 0:40 | 6/29/2018 0:31 | UNK | O | PC12 | N567FH | - | - |
| Anonymous - Del003 | 6/29/2018 0:52 | Not Correlated | | | | | | |
| Anonymous - Del003 | 6/29/2018 1:10 | 6/29/2018 1:10 | 03L | D | AC50 | N107DF | NMS 1 | 70.6 |

| Name | Reported Offense Time | Correlated Flight Time Recorded | Rwy | Op Type | Aircraft Type | Flight ID | NMS | Lmax |
|-----------------------|-----------------------------|---------------------------------------|-----|------------|------------------|-----------|----------|------|
| Anonymous - Del003 | 6/29/2018 1:24 | 6/29/2018 1:14 | | O | AC50 | N443WA | - | - |
| Anonymous - Del003 | 6/29/2018 1:35 | 6/29/2018 1:35 | 03R | A | GLEX | N683GA | - | - |
| Feldman | 6/29/2018 1:36 | 6/29/2018 1:35 | 03R | A | GLEX | N683GA | - | - |
| Feldman | 6/29/2018 2:46 | 6/29/2018 2:45 | 21L | A | F900 | N316SS | NMS 1 | 97.8 |
| Feldman | 6/29/2018 23:10 | 6/29/2018 23:10 | 03R | D | C750 | N541CX | NMS 1 | 88 |
| Feldman | 6/29/2018 23:18 | 6/29/2018 23:17 | 21L | A | CL30 | N539XJ | NMS 1 | 85.8 |
| Feldman | 6/29/2018 23:20 | 6/29/2018 23:20 | 03R | D | BE20 | N593GG | NMS 1 | 80.2 |
| Anonymous - Alo001 | 6/30/2018 0:09 | Not Correlated | | | | | | |

Disturbance Location Pin Map – June 2018



Legend:

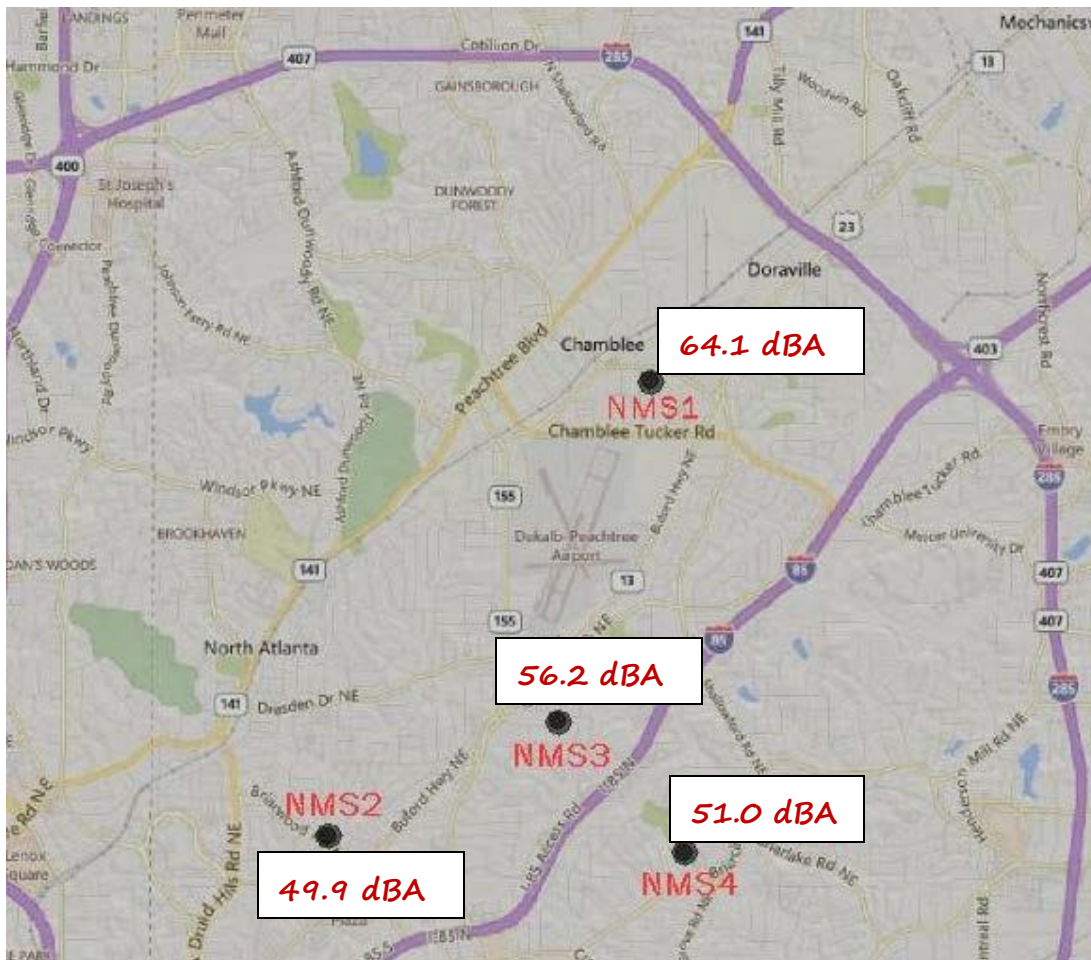
-  1-3
-  4-7
-  8-199

22 Complainants with 205 Complaints Total

(Unknown/non-DeKalb County addresses not shown)

Monthly Noise Levels at Monitors

June 2018



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_{max} – 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 **335 (96.3%)** of the **348** operations during the voluntary curfew period (11PM-6AM) during the month of **June 2018**. Of the **335** identified operations, **174 (51.9%)** 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, **102 one-time** operations were conducted during this period.
- Out of the *identified* operations, **233 multi-time** operations were conducted during this period, (i.e., sum of all aircraft operations in which an aircraft flew more than once during the voluntary curfew).

Operators Identified / Multi-Use:

149 operators were identified using the airport during the voluntary curfew period.

58 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 MedEvac and/or emergency flights.

Complaints received from operations conducted during the voluntary curfew period:

205 complaints were received during **June 2018**.

49 complaints were received for operations conducted during the voluntary curfew period

This Month – June 2018 N#'s (Multi-Use):

29 Aircraft with 2 Operations (**N608HF**, N81771, N322CA, **AMF708**, **N573AM**, N401SM, N613PJ, N418MG, N732WB, N270MW, **N56LW**, N290CK, N605RA, **N490AM**, N60PC, OLV395, N650LC, N108CJ, N113WJ, N855RM, N8116N, **N135SH**, N3231R, **N208AM**, N96KR, **N927AM**, N550DX, **N558AM**, N54222)

5 Aircraft with 3 Operations (**N887AE**, N245PE, N680TC, N41B, N480M)

3 Aircraft with 4 Operations (N6919J, **N895CR**, **N54AE**)

2 Aircraft with 5 Operations (N683GA & **N508KD**)

2 Aircraft with 6 Operations (**N127KH** & **N445CH**)

1 Aircraft with 7 Operations (**N329GS**)

1 Aircraft with 16 Operations (**N107DF**)

1 Aircraft with 20 Operations (**N365LH**)

1 Aircraft with 22 Operations (**CTL67**)

1 Aircraft with 23 Operations (**N677ST**)

1 Aircraft with 38 Operations (**N208LS**)

Last Month – May 2018 N#'s (Multi-Use):

40 Aircraft with 2 Operations (**N900PS**, **N717AM**, **N35GC**, **AMF708**, **AMF702**, **N55EA**, **N550AJ**, **N395AE**, **N423AE**, N215H, N787QS, N69PC, N255DV, N571DS, N327GA, N620PJ, N349D, N715CG, N423JF, N56LW, N45DJ, N585GE, N475RS, N608MM, N506AB, N229JS, N81H, N710A, N825TX, N724GT, N167BD, N203GT, N939TW, N8400E, N539RM, N92TH, N552XJ, N975RG, N560HD, N550DX)

7 Aircraft with 3 Operations (**N895CR**, **N354EF**, **AMF706**, N877AF, N60219, N252V, N539PE)

1 Aircraft with 4 Operations (**N429AE**)

1 Aircraft with 5 Operations (N683GA & **N988QC**)

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

1 Aircraft with 6 Operations (N2111F)

1 Aircraft with 26 Operations (**N676PC**)

1 Aircraft with 7 Operations (**N377P**)

1 Aircraft with 34 Operations (**CTL67**)

1 Aircraft with 9 Operations (**N107DF**)

1 Aircraft with 47 Operations (**N208LS**)

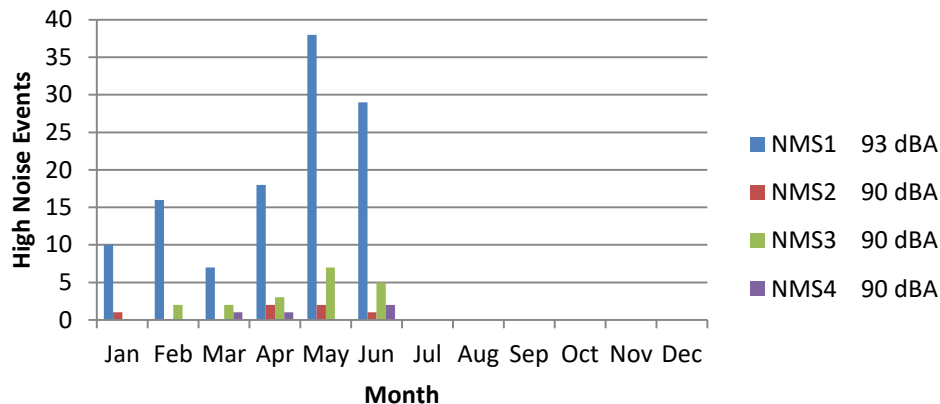
1 Aircraft with 11 Operations (**N677ST**)

A total of **120** advisory letters were sent to aircraft operators flying during the voluntary curfew period in the month of **June** who were not identified as MedEvac and/or other emergency flights.

High Noise Event Threshold

The high noise event threshold was developed to work with pilots in methods and techniques that could reduce aircraft noise levels in and around PDK and its residential areas. Noise Monitoring Station (NMS) 1 is located in a commercial district and is set at **93 dBA Lmax** or greater. All other monitors, NMS2, 3, & 4 are located in residential areas and are set at **90 dBA Lmax** or greater. A total of 16 advisory letters were sent this month for aircraft identified as exceeding PDK's high noise event threshold.

High Noise Events 2018



June 2018

22 Aircraft with 1 High Noise Event (AMF743, DCM3520, EJA312, EMD37, GAJ855, JTL73, N125SB, N13WR, N140SB, N15VX, N1982C, N82QA, N329GS, N316SS, N500GF, N500TH, N513JP, N565HU, N683GA, N686AG, N964C, PJC83, XAMMA)

2 Aircraft with 2 High Noise Events (N21KK, N1978G)

7 Unknown Aircraft with 1 High Noise Event

1 Aircraft with 3 High Noise Events (N499PA)

May 2018

25 Aircraft with 1 High Noise Event (N234HS, N274SW, DCM2095, N28QA, EFT1962, EFT8515, PHJ31, N336RJ, N400WK, JTL73, N450TB, N163LF, N470QS, AMF708, N499PA, EFT8519, N628SH, N133NM, N686AG, EFT1492, N83ZA, N1978G, N92879, EJM904, N962JC)

6 Aircraft with 2 High Noise Events (N306MS, N197MS, EFT8495, EFT8524, N212PC, N523AM)

10 Unknown Aircraft

Comments/Concerns?

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



Follow us on Facebook at **PDK - DeKalb-Peachtree Airport**.