



Anoka County-Blaine Airport Advisory Commission

MEETING NOTICE

Wednesday – November 13, 2019

4:00 p.m.

**Blaine City Hall – Cloverleaf Room Side A
10801 Town Square Dr NE – Blaine, MN 55449**

AGENDA

1. Approval of the May 8, 2019 Minutes
2. Overview of ANE Noise Complaints and Operations Summary 3rd Quarter – Jennifer Lewis
3. Updated ANE Pilot Guide – Jennifer Lewis
4. Review of ACBAAC Bylaws and Membership – Jennifer Lewis
5. 2020 Draft Work Plan – Jennifer Lewis
6. Anoka County/Blaine Airport Updates – Philip Tiedeman

Future Meeting Dates:

Wednesday – May 13, 2020

Wednesday – November 18, 2020

**METROPOLITAN AIRPORTS COMMISSION
ANOKA COUNTY-BLAINE AIRPORT ADVISORY COMMISSION
MEETING MINUTES**

Wednesday, 08 May 2019, 4:00pm
Council Chambers Room
Blaine City Hall, 10801 Town Square Dr. NE, Blaine, MN 55449

Commissioners H. Karth; B. Haake; N. Zikmund; M. Murphy; R. Sivarajah; M. Look; M. Meisner

MAC Staff: P. Tiedeman, J. Lewis; N. Ralston

Others:

1. Summary of Airport Operations and Noise Complaint Report 1st Quarter 2019 – Jennifer Lewis

Jennifer Lewis, Technical Advisor, MAC handed out the Reliever Airport Operations and Noise Complaint Report for 1st Quarter 2019. **Jennifer Lewis, MAC** stated that ANE had 425 complaints from 13 locations and 133 nighttime complaints from 10 nighttime locations. There were 8,625 operations and 562 nighttime operations.

2. Primary Reliever Visioning Study – Neil Ralston

Neil Ralston, Airport Planner, MAC reported on the Long-Term Comprehensive Plan (LTCP) for ANE. MAC is assessing and identifying the needs for St. Paul/Downtown, Flying Cloud, and Anoka County/Blaine Airport before starting the LTCP. There will be two phases - Phase I will consist of a visioning study with completion by the end of summer and Phase II will identify the airport needs with completion by year end 2019. If all goes as planned, one primary reliever LTCP will begin in 2020, with the other two likely starting in 2021. MAC will engage the stakeholder's before starting the plan.

3. Anoka County/Blaine Airport Updates – Philip Tiedeman

Philip Tiedeman, Airport Manager, MAC gave updates on the following items:

- Construction projects in 2019 will consist of two pavement rehabilitation projects. There will be four phases beginning July 8th with completion by August 24th.
- ANE events scheduled for 2019: The Final Four brought 126 aircraft to ANE with no issues during April 5th-8th. The 3M Open is scheduled to bring approximately 26 aircraft to ANE during July 4th-7th. The Patriot Ride will take place at ANE on June 22nd, and the final event at ANE will be the Annual Airport Picnic on September 16th. Discover Aviation Days will be back at ANE in 2020.

4. Membership Comments

Barbara Haake asked if there were any plans to extend the North/South runway now or in the near future. **Phil Tiedeman, MAC** responded that the North/South runway measures 5,000 sq. ft. and there were no plans for an expansion.

Future Meeting Dates:

Wednesday - November 13, 2019

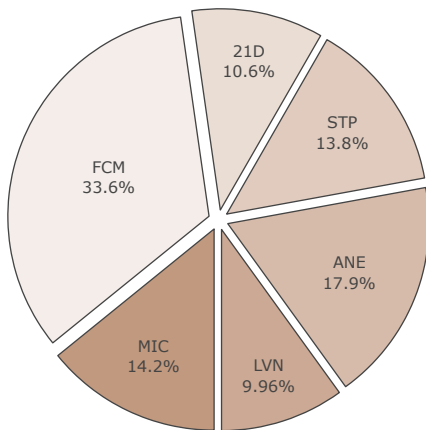
The meeting was adjourned.

Respectfully submitted,
Kelly K. Ubel, Recording Secretary
Kelly.ubel@mspmac.org

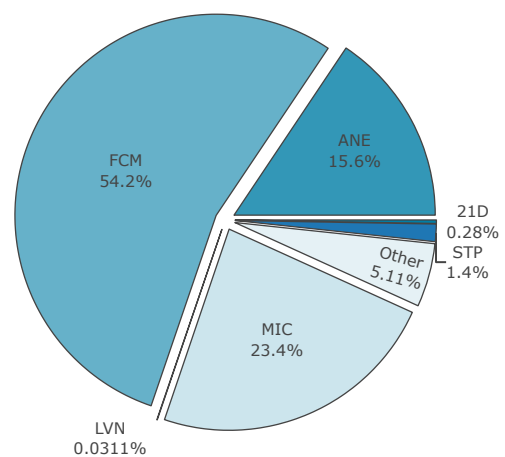
Metropolitan Airports Commission (MAC) Reliever Airport Operations and Noise Complaint Report



AIRCRAFT OPERATIONS



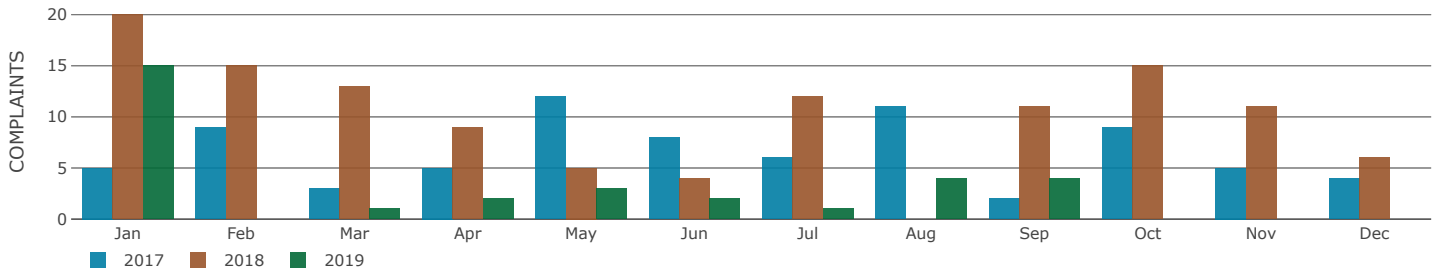
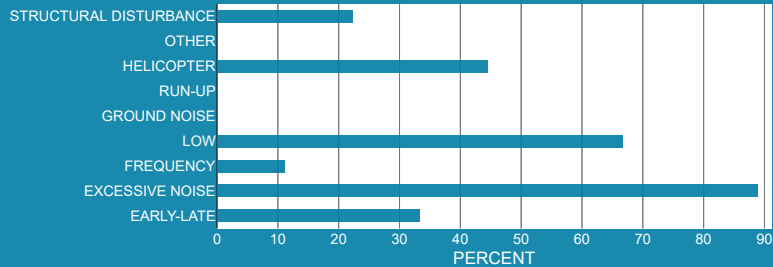
NOISE COMPLAINTS



COMPLAINTS

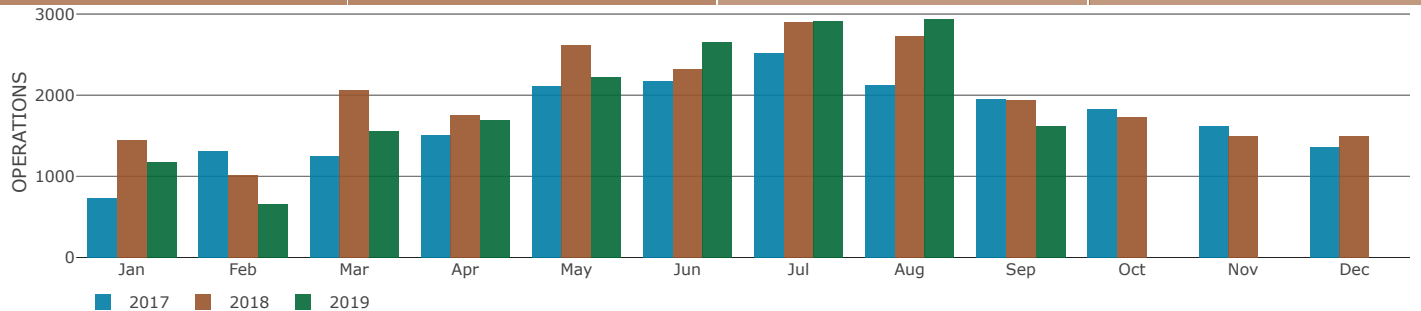
2019	9 COMPLAINTS	4 LOCATIONS	1 NIGHTTIME COMPLAINTS	1 NIGHTTIME HOUSEHOLDS
2018	23 COMPLAINTS	5 LOCATIONS	4 NIGHTTIME COMPLAINTS	2 NIGHTTIME HOUSEHOLDS

COMPLAINT DESCRIPTORS



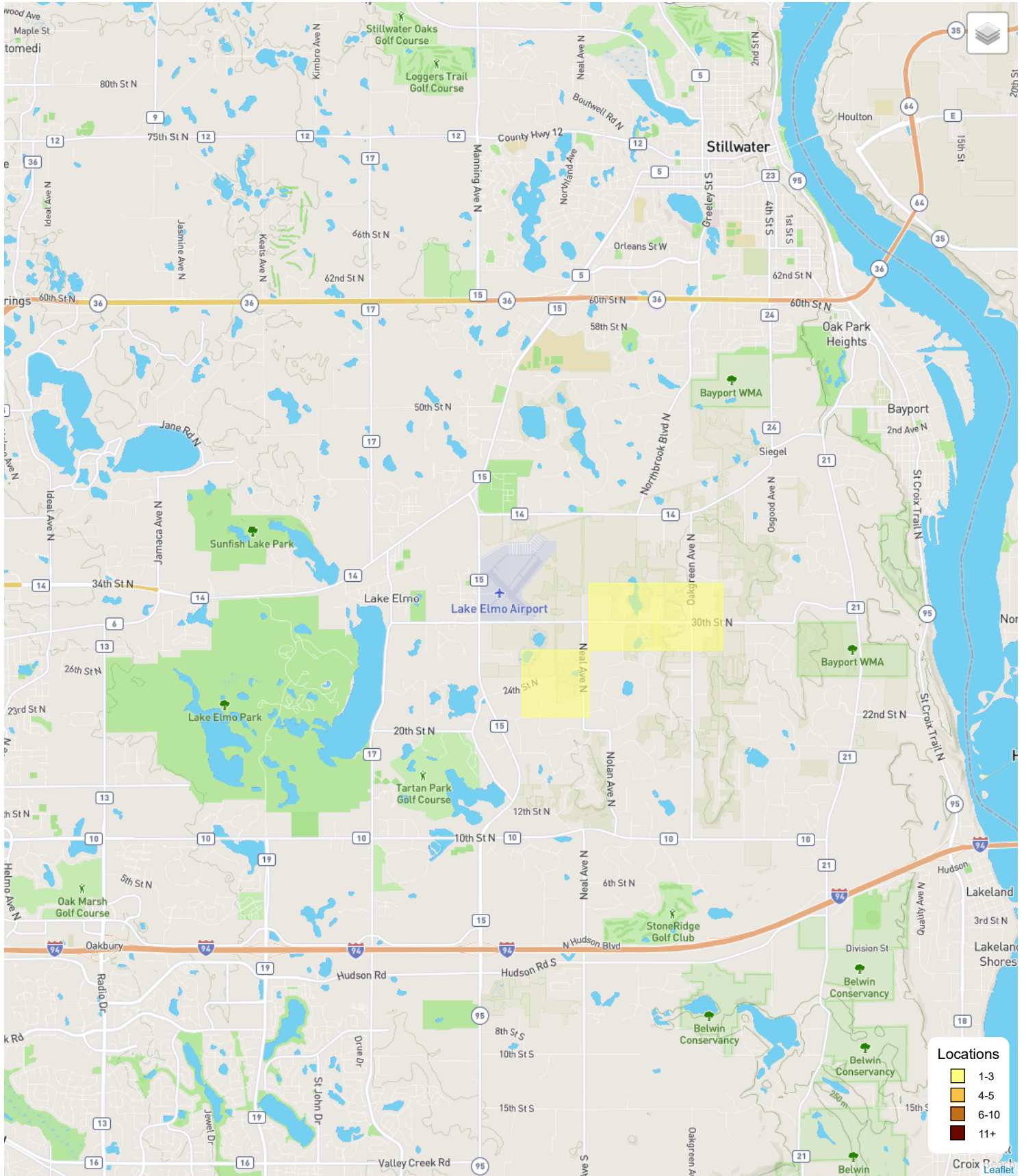
OPERATIONS

2019		2018	
7465 OPERATIONS	145 NIGHTTIME OPERATIONS	7569 OPERATIONS	175 NIGHTTIME OPERATIONS



AIRCRAFT TYPE	OPERATIONS	%	COMPLAINTS	%
HELICOPTER	6	0.1 %	1	11.1 %
PISTON	2104	28.2 %	0	0.0 %
TURBO-PROP	5	0.1 %	0	0.0 %
UNKNOWN	5350	71.7 %	4	44.4 %
RUN-UP	N/A	0.0 %	0	0.0 %
NOT-CORRELATED	N/A	0.0 %	4	44.4 %

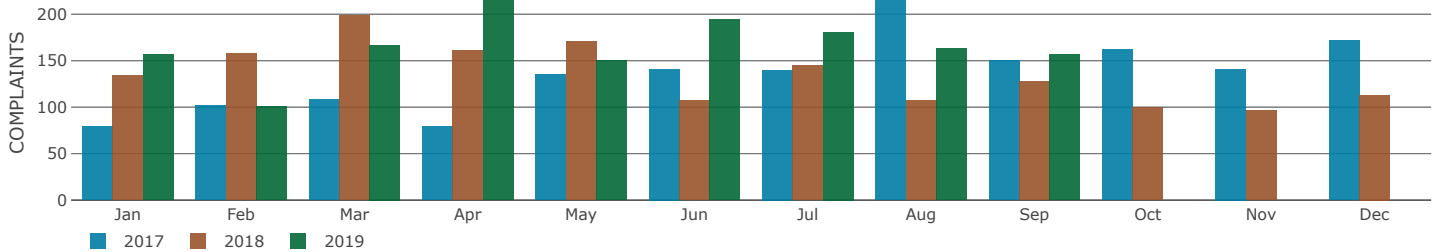
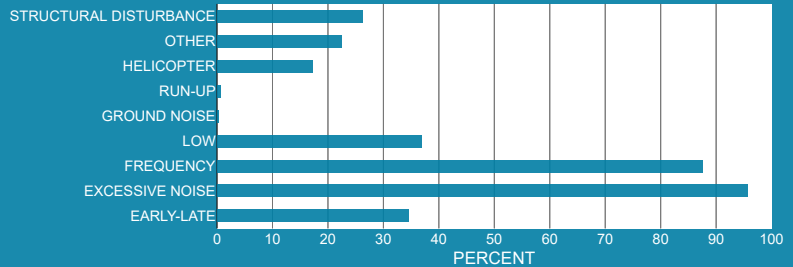
Lake Elmo Airport (21D) - COMPLAINTS HEATMAP



COMPLAINTS

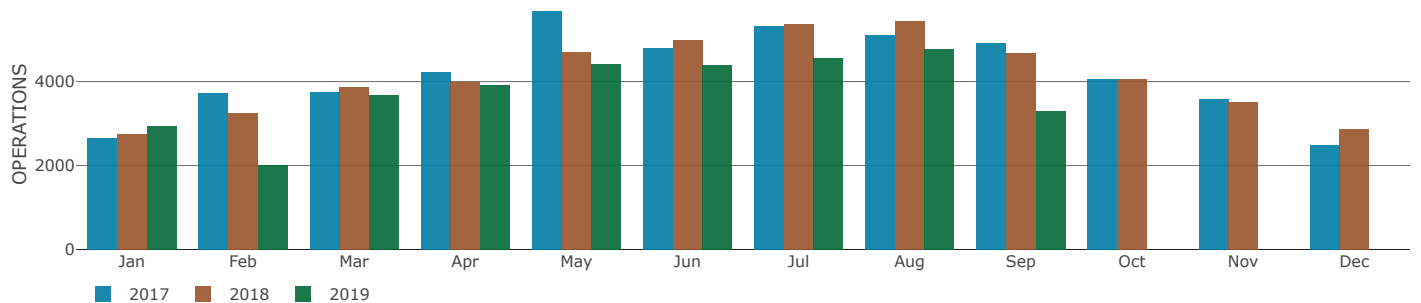
2019	501 COMPLAINTS	17 LOCATIONS	135 NIGHTTIME COMPLAINTS	10 NIGHTTIME HOUSEHOLDS
2018	380 COMPLAINTS	16 LOCATIONS	114 NIGHTTIME COMPLAINTS	10 NIGHTTIME HOUSEHOLDS

COMPLAINT DESCRIPTORS



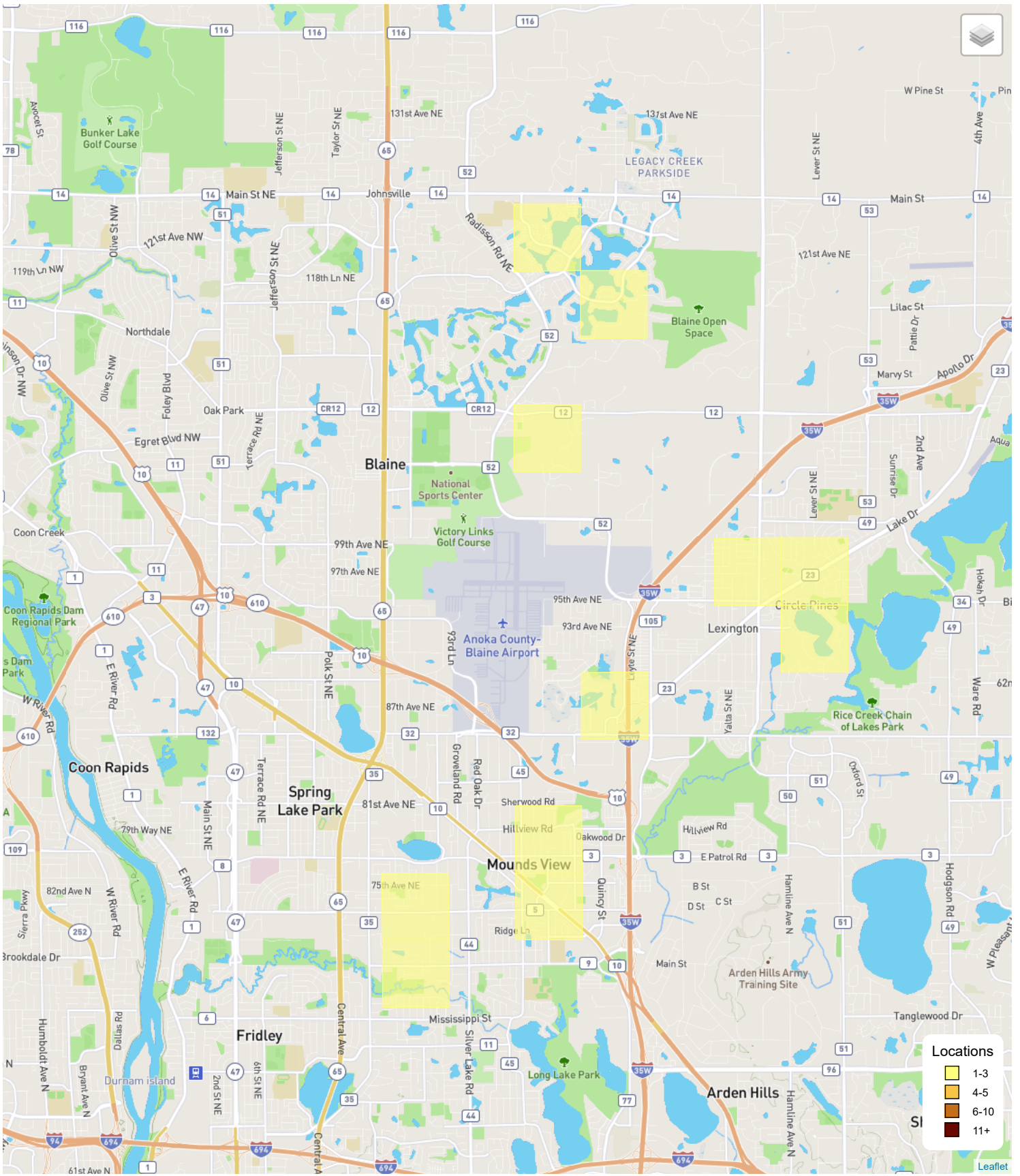
OPERATIONS

2019		2018	
12648 OPERATIONS	885 NIGHTTIME OPERATIONS	15470 OPERATIONS	1005 NIGHTTIME OPERATIONS



AIRCRAFT TYPE	OPERATIONS	%	COMPLAINTS	%
HELICOPTER	575	4.5 %	46	9.2 %
JET	571	4.5 %	133	26.5 %
PISTON	6442	50.9 %	110	22.0 %
TURBO-PROP	921	7.3 %	33	6.6 %
UNKNOWN	4137	32.7 %	60	12.0 %
RUN-UP	N/A	0.0 %	0	0.0 %
NOT-CORRELATED	N/A	0.0 %	116	23.2 %

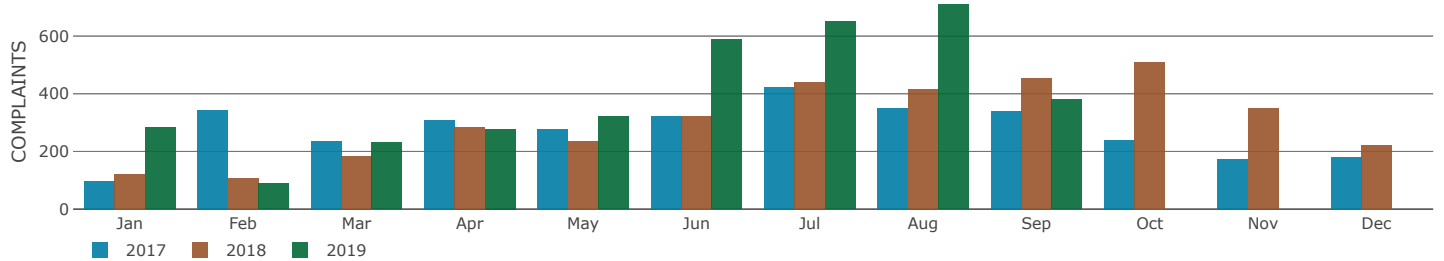
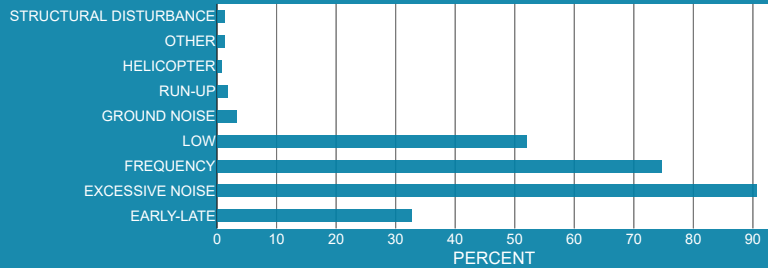
Anoka County-Blaine Airport (ANE) - COMPLAINTS HEATMAP



COMPLAINTS

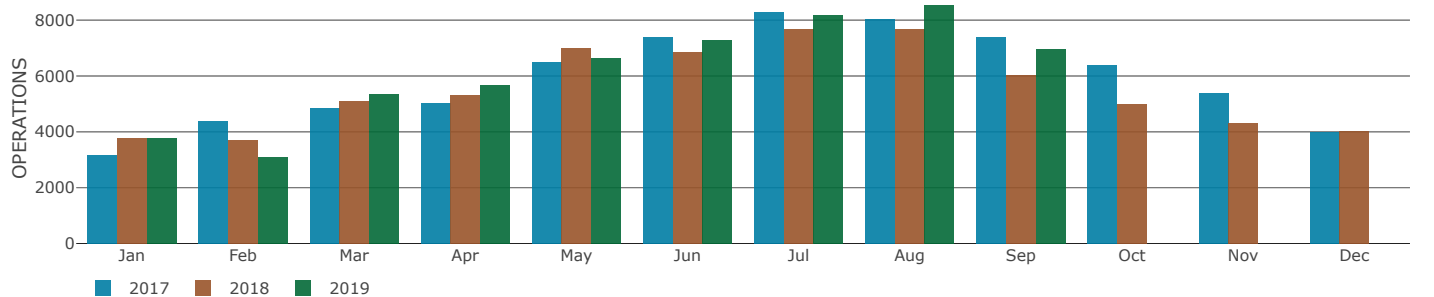
2019	1739 COMPLAINTS	47 LOCATIONS	388 NIGHTTIME COMPLAINTS	30 NIGHTTIME HOUSEHOLDS
2018	1308 COMPLAINTS	43 LOCATIONS	298 NIGHTTIME COMPLAINTS	30 NIGHTTIME HOUSEHOLDS

COMPLAINT DESCRIPTORS



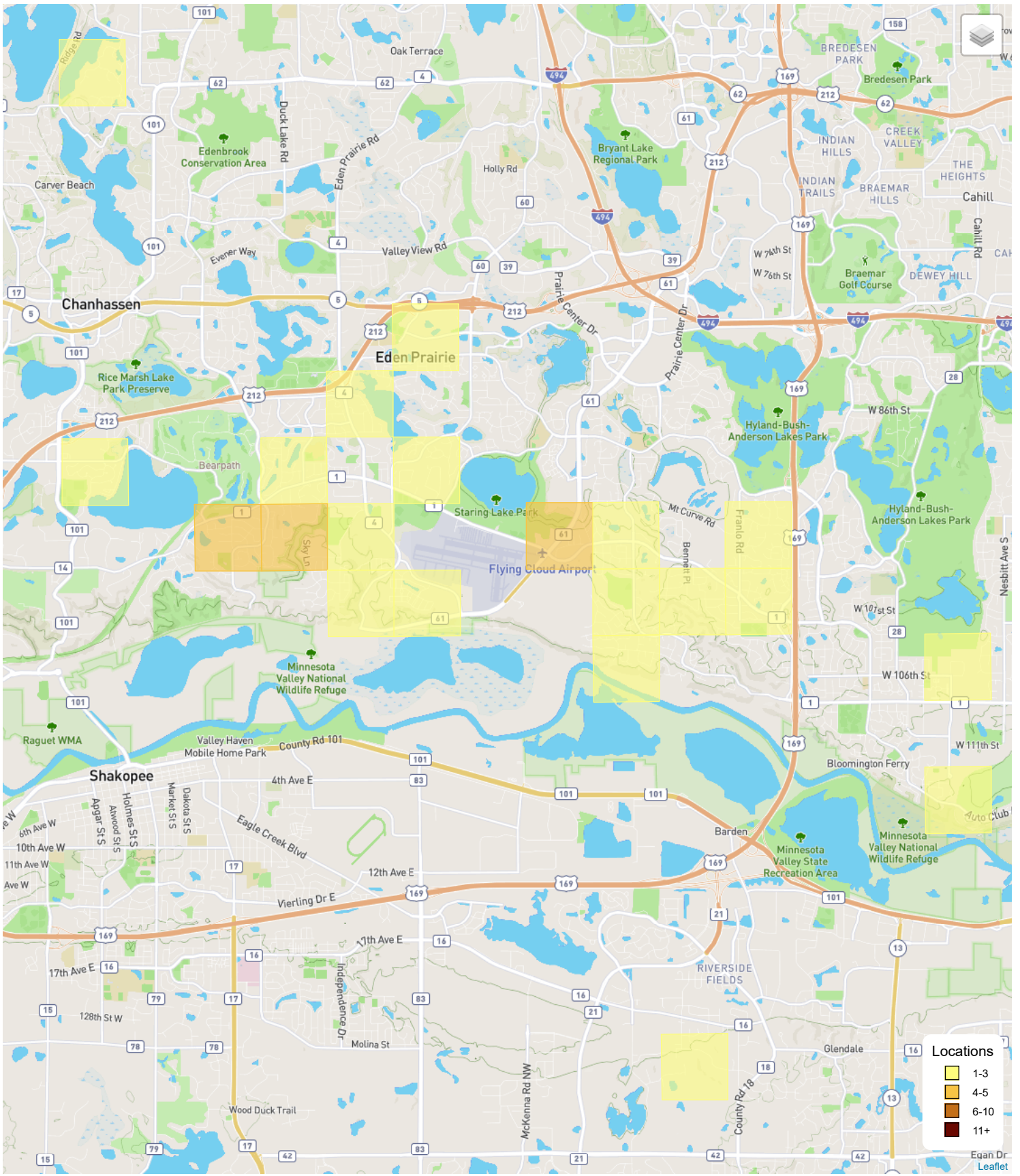
OPERATIONS

2019		2018	
23703 OPERATIONS	1015 NIGHTTIME OPERATIONS	21405 OPERATIONS	1034 NIGHTTIME OPERATIONS



AIRCRAFT TYPE	OPERATIONS	%	COMPLAINTS	%
HELICOPTER	158	0.7 %	9	0.5 %
JET	2793	11.8 %	722	41.5 %
PISTON	7707	32.5 %	288	16.6 %
TURBO-PROP	2148	9.1 %	180	10.4 %
UNKNOWN	10895	46.0 %	371	21.3 %
RUN-UP	N/A	0.0 %	0	0.0 %
NOT-CORRELATED	N/A	0.0 %	167	9.6 %

Flying Cloud Airport (FCM) - COMPLAINTS HEATMAP



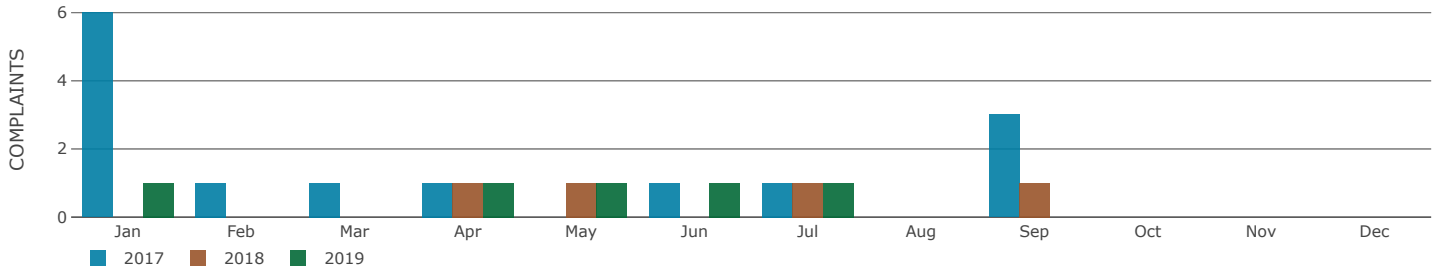
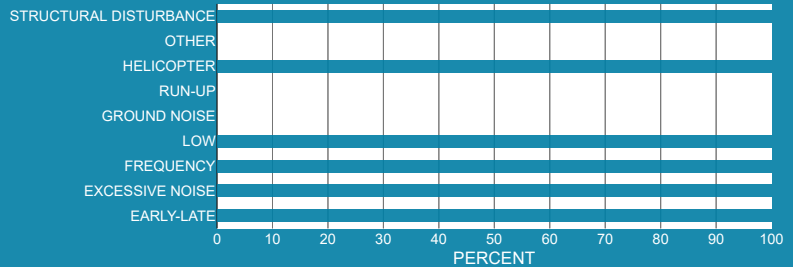
Locations	
Light Yellow	1-3
Orange	4-5
Dark Orange	6-10
Dark Red	11+

Equan Dr
Leaflet

COMPLAINTS

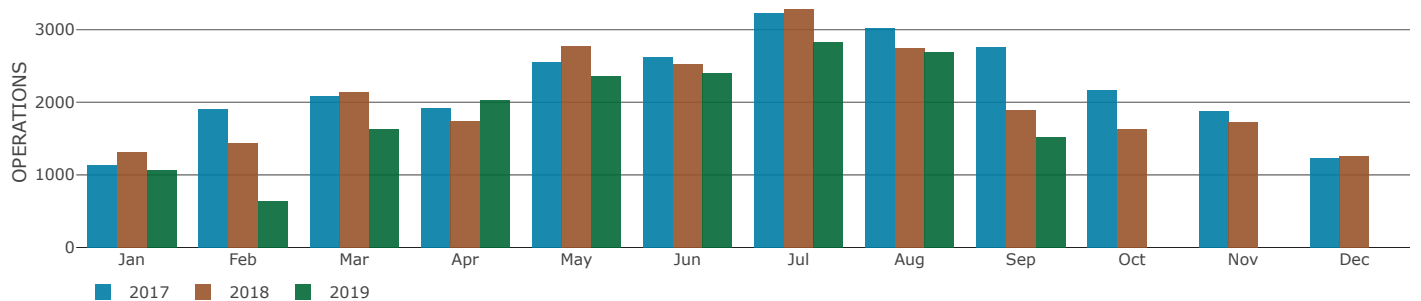
2019	1 COMPLAINTS	1 LOCATIONS	0 NIGHTTIME COMPLAINTS	0 NIGHTTIME HOUSEHOLDS
2018	2 COMPLAINTS	2 LOCATIONS	0 NIGHTTIME COMPLAINTS	0 NIGHTTIME HOUSEHOLDS

COMPLAINT DESCRIPTORS



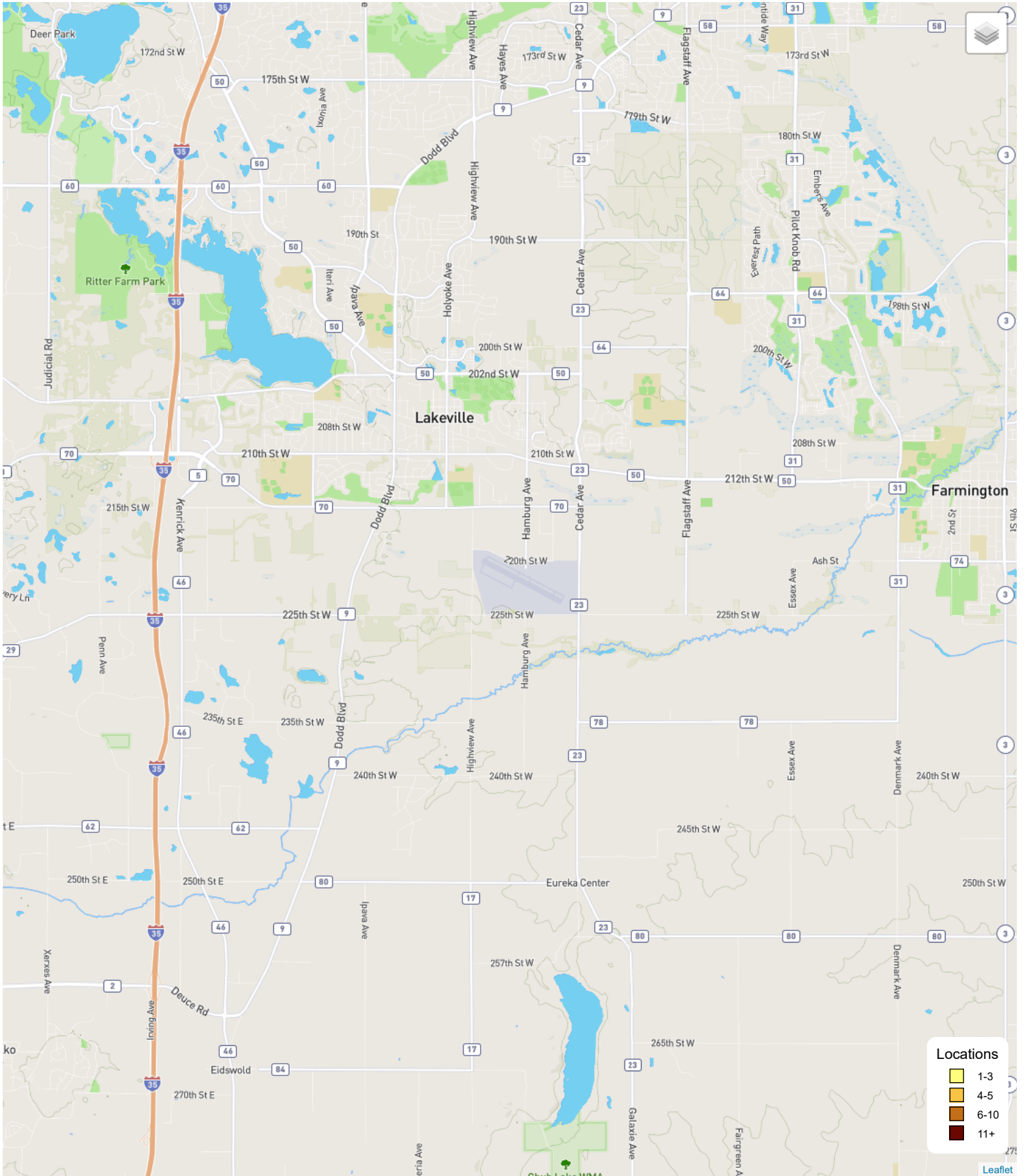
OPERATIONS

2019		2018	
7031 OPERATIONS	177 NIGHTTIME OPERATIONS	7917 OPERATIONS	216 NIGHTTIME OPERATIONS



AIRCRAFT TYPE	OPERATIONS	%	COMPLAINTS	%
HELICOPTER	26	0.4 %	0	0.0 %
JET	65	0.9 %	0	0.0 %
PISTON	1808	25.7 %	1	100.0 %
TURBO-PROP	55	0.8 %	0	0.0 %
UNKNOWN	5075	72.2 %	0	0.0 %
RUN-UP	N/A	0.0 %	0	0.0 %
NOT-CORRELATED	N/A	0.0 %	0	0.0 %

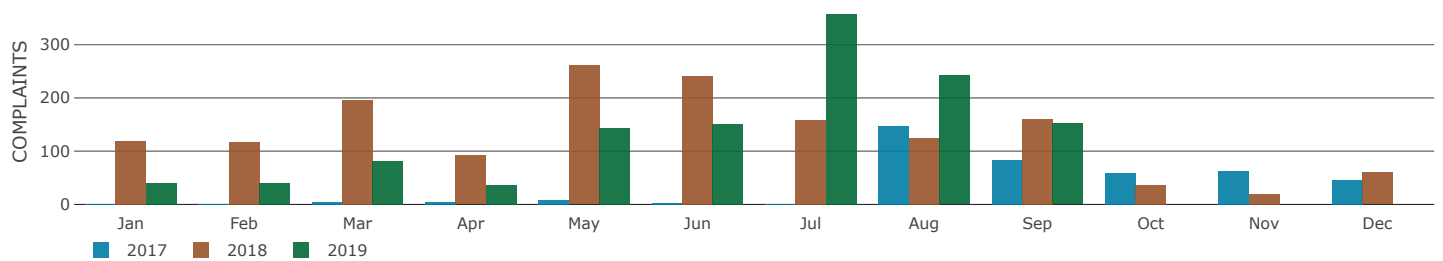
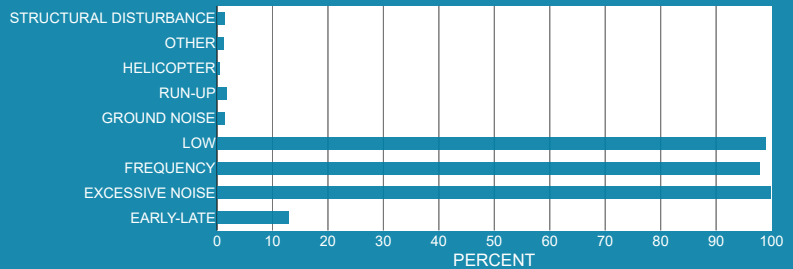
Airlake Airport (LVN) - COMPLAINTS HEATMAP



COMPLAINTS

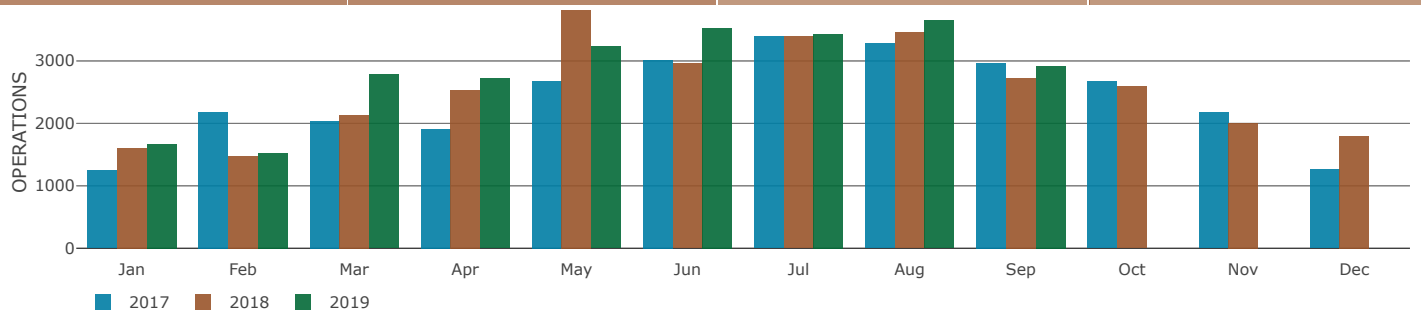
2019	752 COMPLAINTS	8 LOCATIONS	17 NIGHTTIME COMPLAINTS	2 NIGHTTIME HOUSEHOLDS
2018	443 COMPLAINTS	3 LOCATIONS	56 NIGHTTIME COMPLAINTS	2 NIGHTTIME HOUSEHOLDS

COMPLAINT DESCRIPTORS



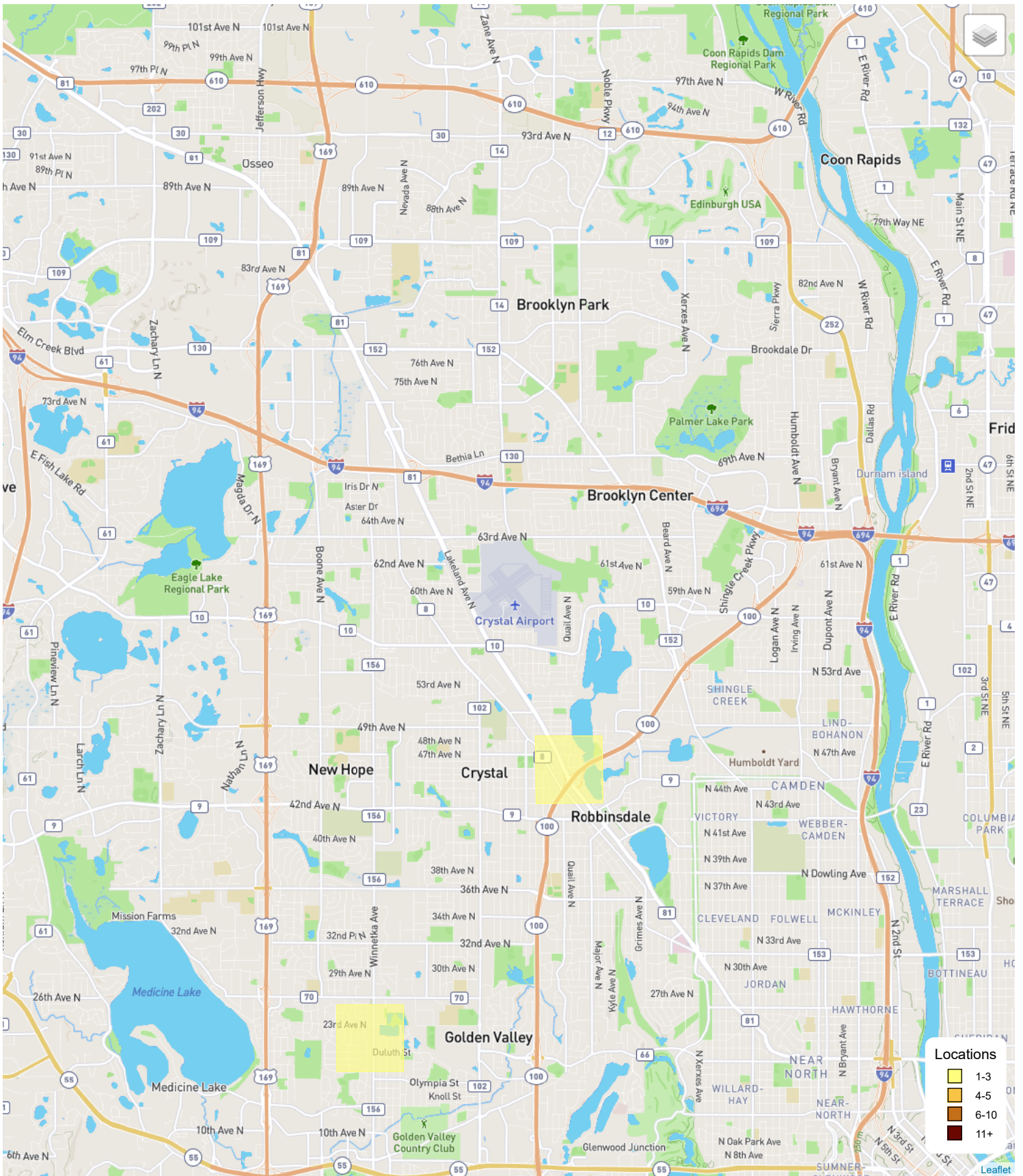
OPERATIONS

2019		2018	
9997 OPERATIONS	259 NIGHTTIME OPERATIONS	9568 OPERATIONS	362 NIGHTTIME OPERATIONS



AIRCRAFT TYPE	OPERATIONS	%	COMPLAINTS	%
HELICOPTER	123	1.2 %	14	1.9 %
JET	4	0.0 %	221	29.4 %
PISTON	6116	61.2 %	222	29.5 %
TURBO-PROP	45	0.5 %	13	1.7 %
UNKNOWN	3709	37.1 %	222	29.5 %
RUN-UP	N/A	0.0 %	0	0.0 %
NOT-CORRELATED	N/A	0.0 %	60	8.0 %

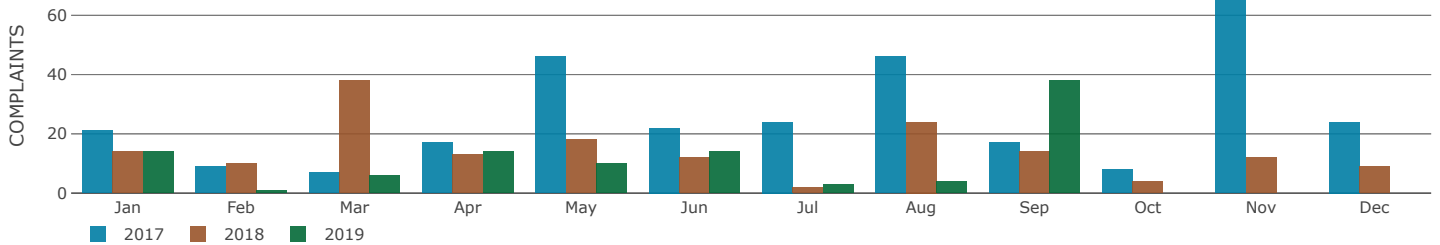
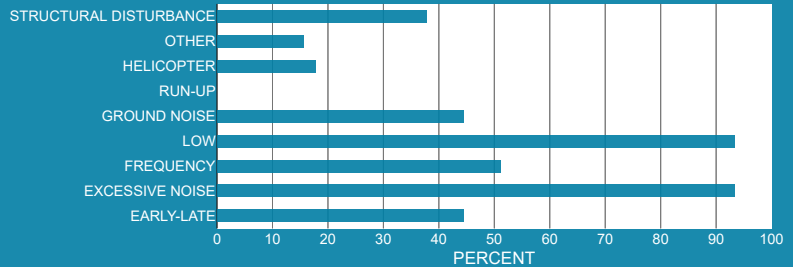
Crystal Airport (MIC) - COMPLAINTS HEATMAP



COMPLAINTS

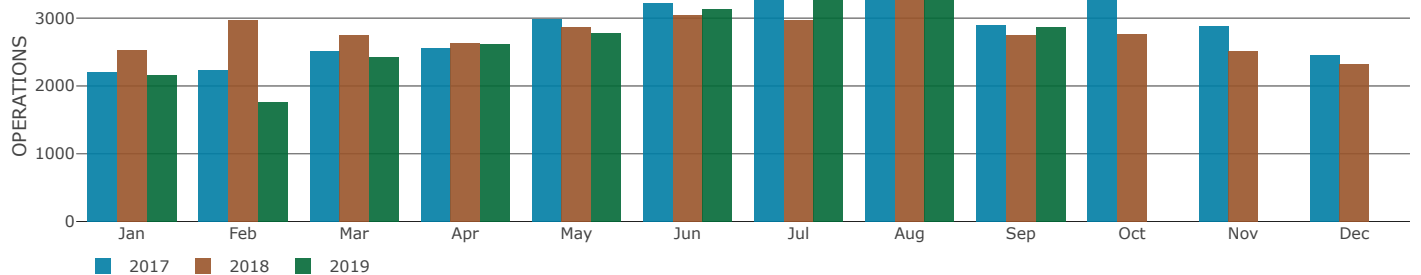
2019	45 COMPLAINTS	9 LOCATIONS	6 NIGHTTIME COMPLAINTS	4 NIGHTTIME HOUSEHOLDS
2018	40 COMPLAINTS	7 LOCATIONS	10 NIGHTTIME COMPLAINTS	3 NIGHTTIME HOUSEHOLDS

COMPLAINT DESCRIPTORS



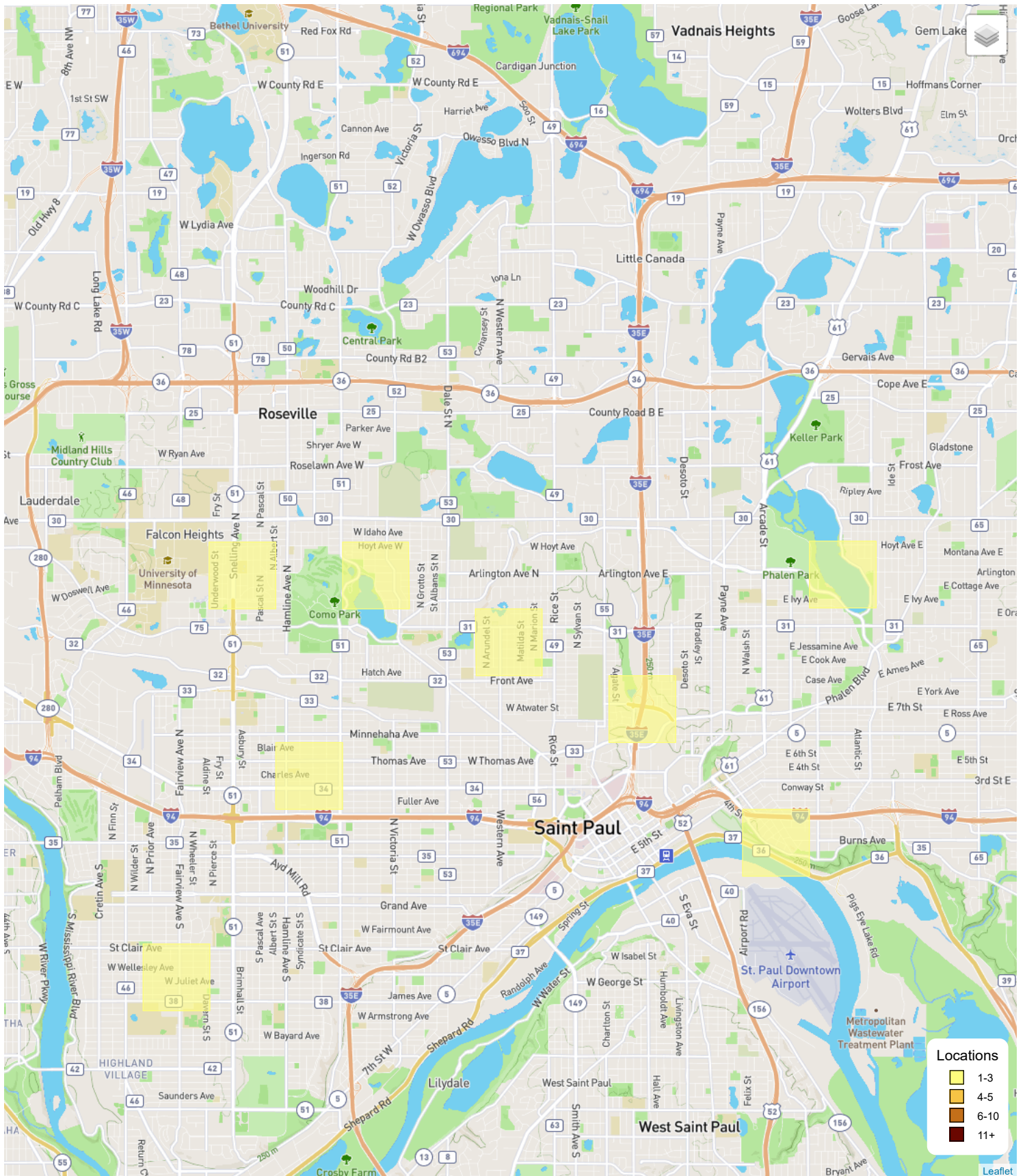
OPERATIONS

2019		2018	
9755 OPERATIONS	786 NIGHTTIME OPERATIONS	8998 OPERATIONS	782 NIGHTTIME OPERATIONS



AIRCRAFT TYPE	OPERATIONS	%	COMPLAINTS	%
HELICOPTER	323	3.3 %	1	2.2 %
JET	3225	33.1 %	21	46.7 %
PISTON	1454	14.9 %	12	26.7 %
TURBO-PROP	1369	14.0 %	1	2.2 %
UNKNOWN	3384	34.7 %	2	4.4 %
RUN-UP	N/A	0.0 %	0	0.0 %
NOT-CORRELATED	N/A	0.0 %	7	15.6 %

St. Paul Downtown Airport (STP) - COMPLAINTS HEATMAP



Locations	
Light Yellow	1-3
Yellow	4-5
Orange	6-10
Dark Orange/Brown	11+

Leaflet



ANE IS A NOISE SENSITIVE AIRPORT

Avoid Noise Sensitive Residential Areas When Possible

Pilot Information and Noise Abatement Plan (NAP)

A voluntary Noise Abatement Plan (NAP) for ANE is the result of cooperative efforts between airport users and pilots, the business community, the Federal Aviation Administration (FAA), surrounding communities, and the Metropolitan Airports Commission.

NOTE: FAA regulations and requirements take precedence over noise abatement procedures. RECOMMENDED PROCEDURES ARE NOT INTENDED TO CONFLICT WITH INSTRUCTIONS FROM ATC OR THOSE WHICH ARE THE EXCLUSIVE AUTHORITY OF THE FAA.

Preferred Runway Use

Runway 27 is the calm wind runway. Runway 36 is best for departures during nighttime (2200 to 0700 local time). ATC will dictate the active runway when the tower is open.

Nighttime Measures

- Voluntarily refrain from flying between 2200 and 0700.
- Avoid overflying residential areas when possible.
- No training may be conducted in the traffic pattern between 2400 and 0700 local time. Flights between 2200 and 2400 local time may be conducted for the purposes of meeting nighttime flight currency requirements.

Traffic Pattern Procedures

- Traffic pattern altitude shall be 1912 msl
- Multiple training events by turbojet aircraft in the traffic pattern are prohibited.
- Extended legs in the traffic pattern are NOT permitted unless directed by ATC.
- Straight-in approaches are NOT permitted under VFR.

Runway 36: keep downwind leg east of Highway 65.

Runway 18: right traffic. Keep crosswind leg north of Hwy 10, downwind leg east of Hwy 65, and base leg south of 105th Avenue.

Runway 27: right traffic. Keep crosswind leg east of Highway 65 and downwind turn to base west of I-35W.

Runway 9: keep crosswind leg west of I-35W and turn downwind to base leg west of Highway 65.

Practice instrument approaches under VFR conditions: avoid moderate to heavy traffic periods. (Practice IFR traffic does NOT have right of way over VFR traffic).

Practice VOR RWY 9 and RNAV (GPS) RWY 9 approaches: discontinue practice IFR west of Highway 65.

Practice ILS or LOC RWY 27 and RNAV (GPS) RWY 27 approaches: discontinue practice IFR east of I-35W unless conducting a straight-in full-stop landing.

Variable pitch propeller(s): reduce manifold pressure and engine RPM as soon as practical after takeoff.

For more information, contact us during business hours at:

612-725-6327

www.macnoise.com/pilots

Revision Date: November 2018

FIELD ELEVATION: 912

TPA: 1912 (1000 agl)

RUNWAY INFORMATION

RWY 18-36 4855' x 100'

Asphalt, maximum weight single wheel 23,000/ dual wheel 60,000 lbs

- RWY 18: MIRL, REIL. VASI - 3.0° (4-box, on left). Right tfc, Tree.
- RWY 36: MIRL, REIL. VASI - 3.0° (4-box, on left). Left tfc, Trees.

RWY 27-9 5000' x 100'

Asphalt, grooved, maximum weight single wheel 23,000/ dual wheel 60,000 lbs

- RWY 27: MALSR, PAPI - 3.0° (4-light, on left). Right tfc, No Obstructions.
- RWY 9: REIL. PAPI - 3.0° (4-light, on left). Left tfc, Trees.

COMMUNICATIONS

CTAF: 132.4 **UNICOM:** 122.95 **ATIS:** 120.625

WX ASOS PHONE (763) 780-9025

FSS: 122.55

ANE GROUND: 121.85
(MAY-SEP: 0700-2200 (CDT), OCT-APR: 0700-2100 (CST))

ANE TOWER: 132.4
(MAY-SEP: 0700-2200 (CDT), OCT-APR: 0700-2100 (CST))

MINNEAPOLIS APP/DEP: 126.5

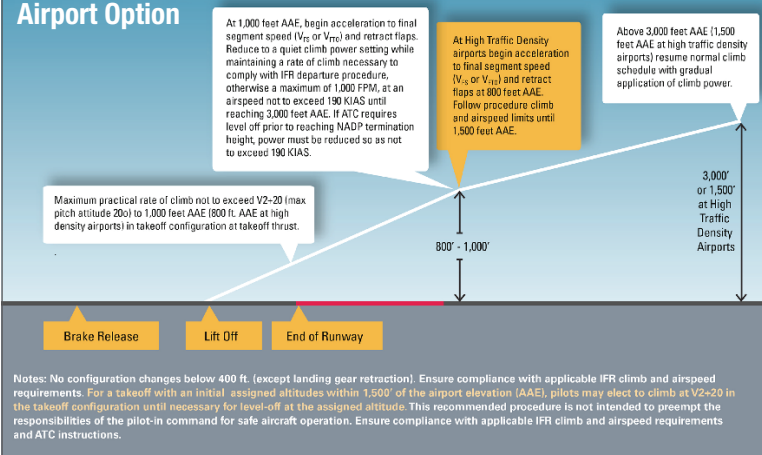
MINNEAPOLIS APP provides CLR DEL on 121.85 when ANE ATCT Closed.



DEPARTURE PROCEDURES

- Intersection takeoffs at the airport are discouraged at all times.
- Gain as much altitude as possible before overflying residential areas.
- Departures from Runway 18: turn to an easterly heading when clear of residential areas, unless directed otherwise by ATC.
- Follow NBAA Noise Abatement Departure Procedures recommended below:

NBAA Noise Abatement Departure Procedure With High-Density Airport Option



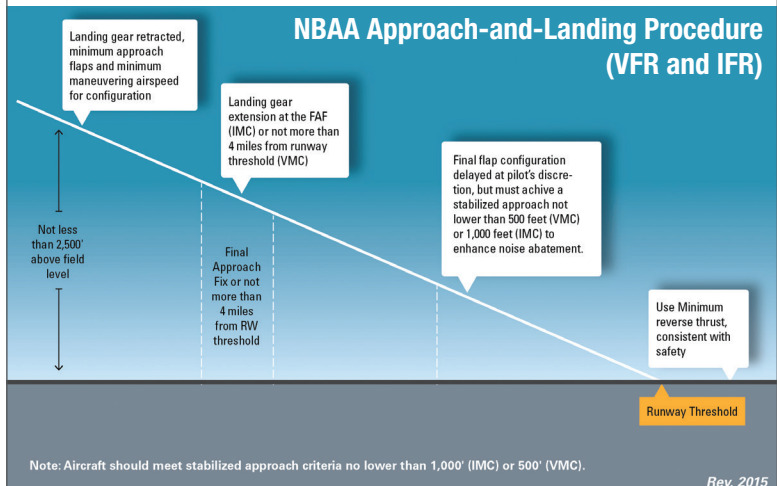
HELICOPTER PROCEDURES

1. Helicopter training is prohibited from 2200 to 0700 local time.
2. Operate with consideration for airport neighbors, and avoid low-level training and repetitive activity over noise sensitive residential areas.

ARRIVAL PROCEDURES

- On approach to ANE, remain at Traffic Pattern Altitude or higher until descending via approach slope indicator guidance, then maintain an altitude at or above the approach slope indicator as much as possible.
- Stop and Go landings are NOT permitted.
- Follow NBAA Approach and Landing Procedures recommended below:

NBAA Approach-and-Landing Procedure (VFR and IFR)



MAINTENANCE RUN-UPS & RWY 27 PRE-DEPARTURE RUN-UPS

To minimize the amount of noise projected toward adjacent residential areas:

1. Engine tests and maintenance run-ups should be performed in the designated area north of the west-side hangars. Exceptions must be approved by the airport manager.
2. Engine tests and run-ups are prohibited between 2200 and 0700 local time.
3. Pre-departure run-ups for Runway 27 should be conducted at the intersection of Taxiways B and E (See purple on map).

BYLAWS OF
ANOKA COUNTY-BLAINE AIRPORT ADVISORY COMMISSION

ARTICLE I

The name of this organization shall be the Anoka County-Blaine Airport Advisory Commission, hereinafter referred to as the "Commission". By appointing representatives to this Commission, the appointing authorities do hereby endorse the purpose and goals as identified in these bylaws, and authorize and support the Anoka County-Blaine Airport Advisory Commission (ACAAC) as an advisory body to the respective appointing bodies.

ARTICLE II

PURPOSE AND GOALS

GOAL:

This Commission is formed to further the general welfare of the community and the Anoka County-Blaine Airport, a public airport in the City of Blaine, County of Anoka, state of Minnesota, through minimizing or resolving problems created by the aircraft operations at the airport. *One of the Commission's goals is to make all decisions on a consensus basis.*

PURPOSE:

1. The Commission shall advise the community and the Metropolitan Airports Commission with regard to all matters affecting the Anoka County Blaine Airport, the classification, rules and regulations supplied to the operation of the Airport and the development of lands adjacent to said Airport.
2. The Commission shall cooperate with the Metropolitan Airports Commission staff in reviewing matters affecting the use and control of the Anoka County Blaine Airport. The Commission shall make its recommendations to the Metropolitan Airports Commission regarding any proposal affecting the use or operations of Anoka County-Blaine Airport.

ARTICLE III

MEMBERSHIP

1. Representatives and alternate representatives shall be appointed to serve for two (2) year terms and until their successor is appointed. Vacancy shall be filled by the appointing authority for a new two (2) year term commencing with the date of appointment of such successor representative

2. In addition to the designated USER and PUBLIC Representatives and their appointed alternates, non-voting membership to the Commission should include representatives from the following categories;

TECHNICAL ADVISORS - Officially recognized organization or agency that directly deals with aircraft operations to include: Federal Aviation Administration (FAA), Minnesota Pollution Control Agency (MPCA), Commissioner(s) and/or staff members from the Metropolitan Airports Commission (MAC), and any other organization or agency that can provide technical assistance with majority approval by the Commission.

3. Voting membership of the Commission is as follows:

Public Representatives (appointed by respective City Councils)

- Two representatives from Circle Pines
- Two representatives from Blaine
- Two representatives from Mounds view
- Two representatives from Lexington
- One representative from Lino Lakes
- One representative from Anoka County

User Representatives

- Two representatives from Anoka County Aviation Association
- Two representatives from airport business
- Six airport representatives at large (includes one MAC staff member)

ARTICLE IV

VOTING RIGHTS OF MEMBERSHIP

1. At all meetings, of the commission, attendance by four (4) USER REPRESENTATIVES and four (4) PUBLIC REPRESENTATIVES, or duly designated alternatives, shall constitute a quorum for the conduct of business.
2. Each USER and PUBLIC REPRESENTATIVE, or a duly designated alternate, shall have one (1) vote.
3. The Bylaws may be amended by the vote of at least 2/3 of the voting membership provided that notice of such proposed amendments shall have been given ten (10) days prior to the general membership meeting.

ARTICLE V

CO-CHAIRMANSHIP

At the first meeting in the even year the representatives shall elect two (2) chairpersons; one (1) from the PUBLIC REPRESENTATIVE constituency and one (1) from the USER REPRESENTATIVE constituency of the Commission by majority vote of the representatives. The chairpersons will alternate conducting chairperson duties from one meeting to the next. The Chairpersons shall serve for a two (2) year term or until his/her representation on the Commission terminates, whichever occurs first; and until his/her successor is elected. The powers and duties of the Chairpersons are as follows:

1. To preside at all meetings of the Commission.
2. To call special meetings of the Commission as he/she deems necessary or upon written request of any one (1) USER REPRESENTATIVE and one (1) PUBLIC REPRESENTATIVE as delivered to both chairpersons.
3. To sign as Chairpersons of this Commission, with the approval of the membership, certifications and other papers and instruments in writing that may require such signature.
4. To perform such other duties and tasks as these Bylaws or as the membership shall from time to time prescribe.

ARTICLE VI

RULES OF ORDER

1. All administrative support will be provided by a staff member of the Metropolitan Airports Commission.
2. All record retention will be provided by the Metropolitan Airports Commission.
3. Meetings will be held on a semi-annual basis at a minimum.
4. Membership will establish the location of meetings.
5. Roberts Rules of Order will preside on issues of disagreement.
6. Financing of the Commission initiatives relative to the respective constituencies will be provided by that constituencies appointing authority, or as other sources of funding are established.