

DAAC Meeting Date and Time:

April 19, 2022 at 3:30 p.m.

Meeting Location:

**Saint Paul Downtown Airport (STP) Terminal Building
644 Bayfield Street, St. Paul, MN 55107**

Remote Participation is also available through TEAMS: [Click here to join the meeting](#)

Or call via phone: [612-405-6798](tel:612-405-6798), Use Code 788321253#

Agenda

1. Attendance-Roll Call
2. Approval of Meeting Minutes: October 19, 2021 -Action (~2 min.)
3. Nominations and Election Chair -Action (~15 min.)
4. Nominations and Election Vice Chair -Action (~15 min.)
5. Public Comment Period– (up to 3-min. each speaker)
6. Work Plan 2022-2023 -Action (~10 min.)
7. Airport Manager Update -Information (~5 min.)
8. Aircraft Operations & Noise Complaints Summary and Trend
4th Quarter 2021 -Information (~5 min.)
9. Member Comments
10. Set next meeting date: October 18 or November 15, or 22 (or Other?)

(~time estimates are approximate)

For assistance with meeting accommodations, please contact:

Jennifer Lewis, MAC Community Relations Coordinator

[Jennifer.lewis@mspmacc.org](mailto:jennifer.lewis@mspmacc.org) or 612-486-2420

644 Bayfield Street, Saint Paul, MN 55107

Mike Wilson, MAC Airport Manager • mike.wilson@mspmacc.org • 651-224-4306



DRAFT MEETING MINUTES
Tuesday, October 19, 2021 at 4:00 PM
** Teleconference Only **

Call to Order

A regularly scheduled meeting of the St. Paul Downtown Airport Advisory Council (DAAC), was held, Tuesday, October 19, 2021 by teleconference only. **Vice-Chair Fure** called the meeting to order at 4:00 PM. In attendance by teleconference were:

Representatives: B. Ortmann, Minnesota Army National Guard; S. Knapmiller, District 5; J. Fure, District 17; A. Jerve, Saint Paul; A. Wall, South Saint Paul; J. Puffer, Dayton's Bluff; C. Tahnk, 3M; L. Hinsperger, At-Large; N. Nix, Saint Paul

Staff: M. Wilson, Airport Manager, Saint Paul Downtown Airport; J. Harris, Director, Reliever Airports; J. Lewis, Community Relations Coordinator; M. Ross, Assistant Manager, Community Relations; L. Werner, Airport Planner; B. Juffer, Manager, Community Relations; D. Anderson, Acoustics and Technical Systems Coordinator; K. Verdeja, Administrative Specialist

Other: M. Pitz, Dayton's Bluff

1. Roll Call

Vice-Chair Fure called the meeting to order at 1:00 pm. Vice-Chair Fure explained he would be stepping in for Chair Glenn Weibel who was unable to participate today. There were a total of 19 participants.

A quorum of three User Representatives, two Public Representatives and one Government Representative was established by roll call attendance:

User Representatives: B. Ortmann, C. Tahnk, L. Hindsperger

Public Representatives: S. Knapmiller, J. Fure, J. Puffer

Government Representatives: N. Nix, A. Wall

2. Review and Approval of Meeting Minutes: April 20, 2021

Vice-Chair Fure opened the item for discussion approving the minutes from the April 20, 2021 meeting.

Member Knappmiller moved and Member Puffer seconded to:
Accept the April 21, 2021 meeting minutes as presented.

The motion passed on the following roll call vote:

Ayes: Eight

Tahnk, Ortmann, Hinsperger, Puffer, Knappmiller, Fure, Nix, Wall

Nays: None

3. Public Comment

Vice-Chair Fure introduced the public comment period and reminded attendees of the ground rules for public comment.

Majorie Pitz, a resident of the Mounds Park area of Dayton's Bluff, commented on the noise and vibrations caused by the National Guard helicopters. Ms. Pitt's suggested a vibrations study also be done during the next noise study.

4. Airport Manager Update

Mike Wilson, Airport Manager, Saint Paul Downtown Airport, gave an update of the Airport. Mr. Wilson gave an overview of the Reliever Airport Advisory Commission (RAAC) meeting and explained the information planning for winter operations, Holman's Table restaurant hours and airport Painting. Mr. Wilson also gave an update on the Runway Safety Action Team (RSAT) meeting held on September 15 which included a taxiway change and a discussion about the SSP air traffic. Mr. Wilson also gave an update about all six airports and trends at the reliever airports. There is an upcoming virtual breakfast scheduled for December 8 with the airport tenants. At St. Paul airport we are preparing for snow removal and equipment and other supplies are ready.

Mr. Wilson shared information for September operations for all of the reliever airports for September 2019, 2020 and 2021. He mentioned almost double the number of operations in the month of September 2021 vs 2020 and more than 2019 operations as well.

The Long Term Planning Efforts for 2023 will be reviewed. They will also review the Airport Layout Plan.

5. Aircraft Operations and Noise Complaints Summary 3rd Quarter

Jennifer Lewis, Community Relations, gave an overview of MACNOMS which stands for Metropolitan Airports Commission Noise and Operations system. Ms. Lewis explained how the data collection has changed starting in July 2021. She gave examples of how the data has changed since the start of July 2021. Ms. Lewis explained more detail about complaints and operations is available on the MAC's website at <https://customers.macnoms.com/reports/>.

Ms. Lewis compared aircraft operations between Q2021 and Q32020 at STP (Saint Paul Downtown Airport). She explained the operations breakdown by aircraft type. Ms. Lewis stated there were 321 noise complaints from 57 locations and 73 nighttime complaints from 11 nighttime households in Q32021. There were 10,761 operations and 770 nighttime operations recorded at Saint Paul Airport during the quarter. Ms. Lewis explained the noise complaint location map.

Ms. Lewis responded to an inquiry regarding noise complaints in 2020 as residents often expressed frustration with noise while they were working at home and not being able to enjoy doing things outside of the home during the day when they were normally at work. Mike Wilson, Airport Manager, Saint Paul Downtown Airport, also pointed out that when the weather allows for windows to be open at home the noise complaints increased.

6. STP Annual Sound Study

Michele Ross, Assistant Manager, Community Relations, gave a brief overview of aircraft noise. Ms. Ross also mentioned the metroairports.org website for more tutorials. Ms. Ross defined sound and noise and how noise is measured. She continued by explaining common aircraft noise metrics, maximum sound level, sound exposure level, equivalent sound level, day-night average sound level and other metrics.

Ms. Ross explained the Saint Paul Downtown Airport (STP) Sound Study which took place August 17-23, 2021. Other studies were conducted in 2010, 2017 and 2020. Ms. Ross explained the field measurements and the sound study modeling results. Lastly, she explained the complaints during the sound study.

Ms. Ross responded to an inquiry about the complaints slide. Ms. Lewis pointed out that a field sound and modeling study will be done again in August of next year. She also clarified that the modeling study will be a part of the 2022 study. Ms. Ross responded to a question asking if a modeling study is done separately from the field study.

7. Member Comments

Mike Wilson, Airport Manager, Saint Paul Downtown Airport thanked the Council Representatives and all in attendance for participating and opened the discussion to the representatives.

Vice-Chair Fure commented that a 3:30 pm start time for the meetings would work better for him.

8. Set next meeting date: April 19, 2022

Vice-Chair Fure polled the group and recommended the next meeting would be held on Tuesday, April 19, 2022 at 3:30 pm with a location to be determined based on the guidelines set forth regarding social distancing and public health and safety.

Member Puffer moved and Member Nix seconded to:

Adjourn the October 19, 2021 Downtown Airport Advisory Council Meeting.

Mr. Wilson adjourned the meeting at 5:14 p.m.

DRAFT DAAC Work Plan 2022-2023

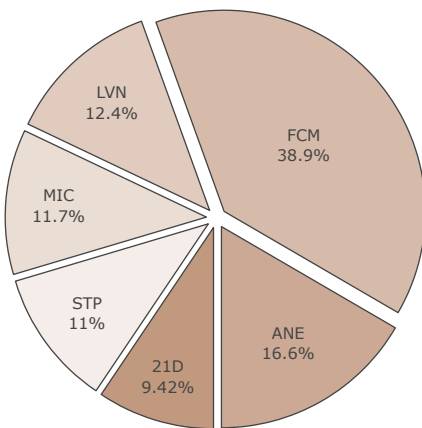
1. 2022 STP Annual Noise Monitoring Study
2. Review of aircraft noise complaints and aircraft operations summary
3. Tenant Highlight
4. Metropolitan Airports Commission Update
 - a. St. Paul MAC District G Commissioner Richard Ginsberg
 - b. St. Paul Mayor Representative Ikram Koliso
5. Reliever Airport Advisory Commission Update
6. STP development and planning efforts
 - a. Visioning Study
 - b. Long Term Comprehensive Plan
7. Airport/Community Events
8. Airport Tour and Tenant Engagement in Summer



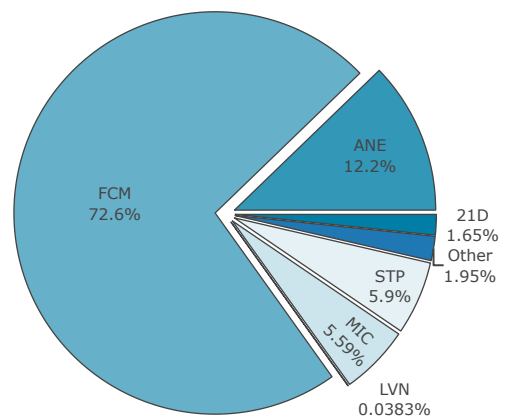
Metropolitan Airports Commission (MAC) Reliever Airport Operations and Noise Complaint Report



AIRCRAFT OPERATIONS



NOISE COMPLAINTS

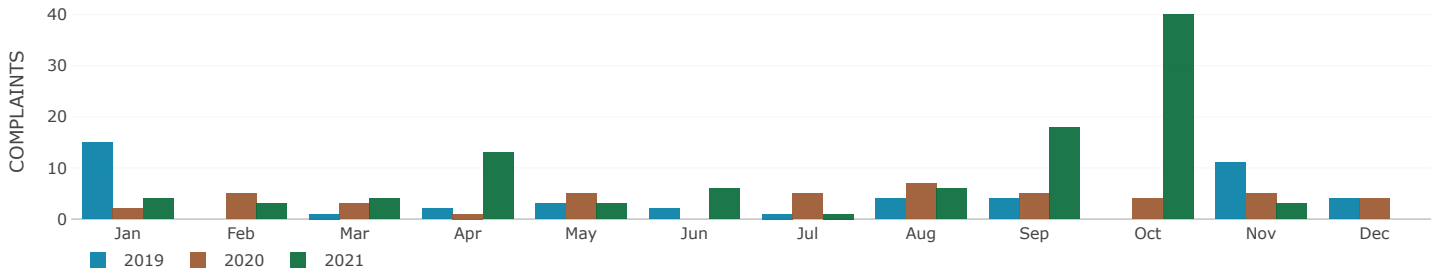
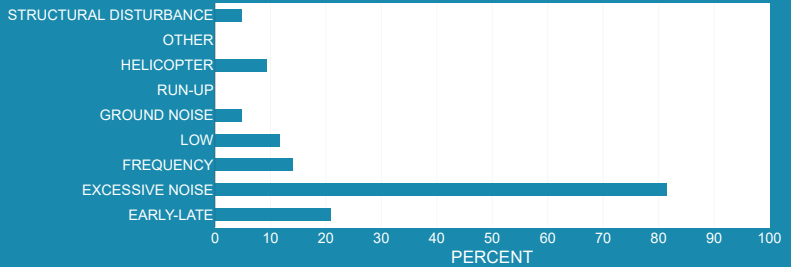


Beginning on July 1, 2021, the MACNOMS methodology for counting operations was updated to more accurately reflect total aircraft departures or arrivals at MAC airports.

COMPLAINTS

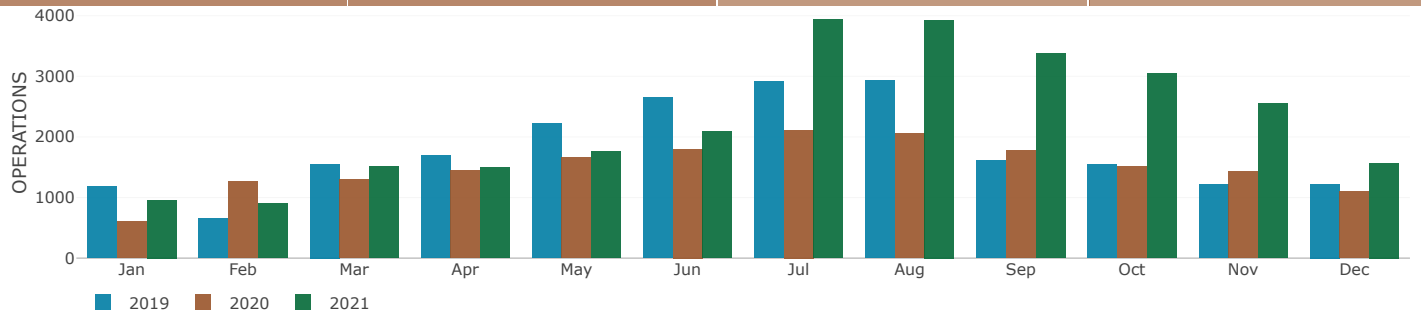
2021	43 COMPLAINTS	4 LOCATIONS	7 NIGHTTIME COMPLAINTS	2 NIGHTTIME HOUSEHOLDS
2020	13 COMPLAINTS	3 LOCATIONS	1 NIGHTTIME COMPLAINTS	1 NIGHTTIME HOUSEHOLDS

COMPLAINT DESCRIPTORS



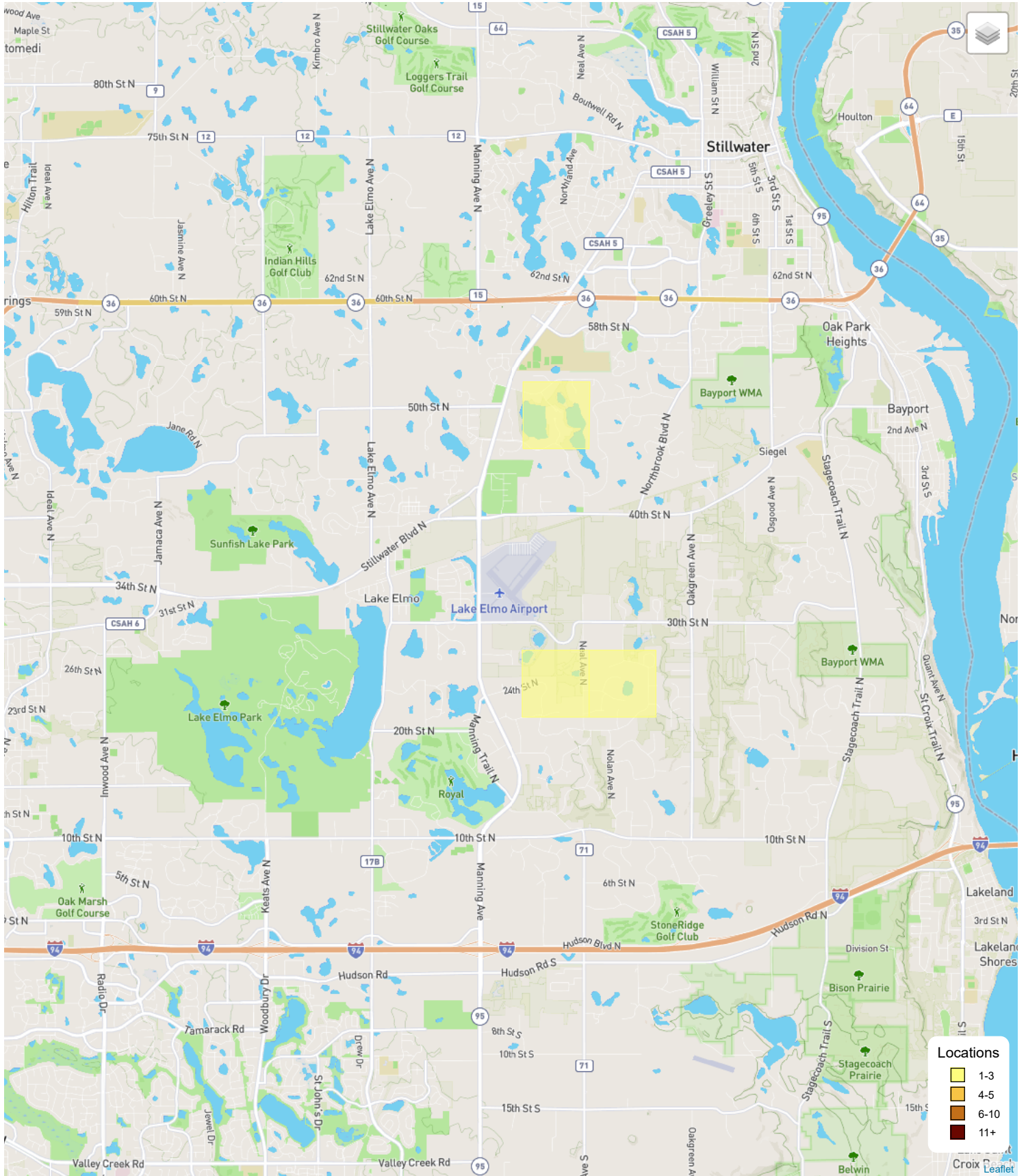
OPERATIONS

2021		2020	
7,164 OPERATIONS	45 NIGHTTIME OPERATIONS	4,035 OPERATIONS	24 NIGHTTIME OPERATIONS



AIRCRAFT TYPE	OPERATIONS	%	COMPLAINTS	%
HELICOPTER	58	0.8 %	4	9.3 %
PISTON	6,873	95.9 %	39	90.7 %
JET	4	0.1 %	0	0.0 %
TURBO-PROP	26	0.4 %	0	0.0 %
UNKNOWN	203	2.8 %	0	0.0 %
RUN-UP	0	0.0 %	0	0.0 %

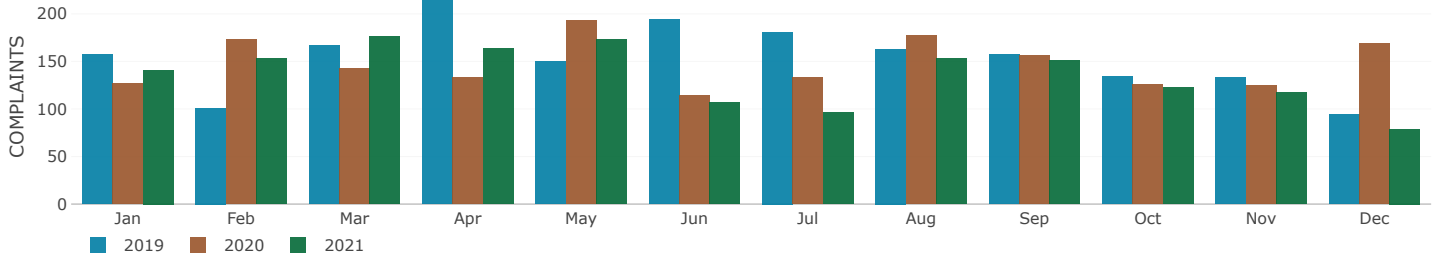
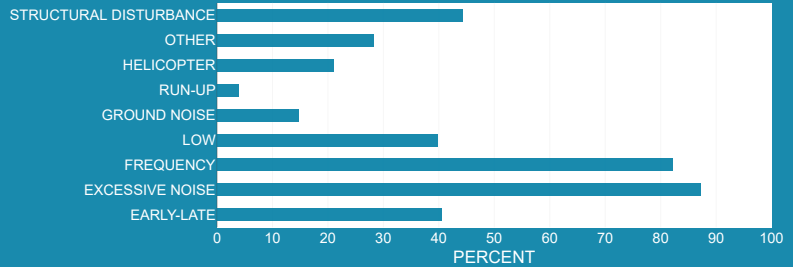
Lake Elmo Airport (21D) - COMPLAINTS HEATMAP



COMPLAINTS

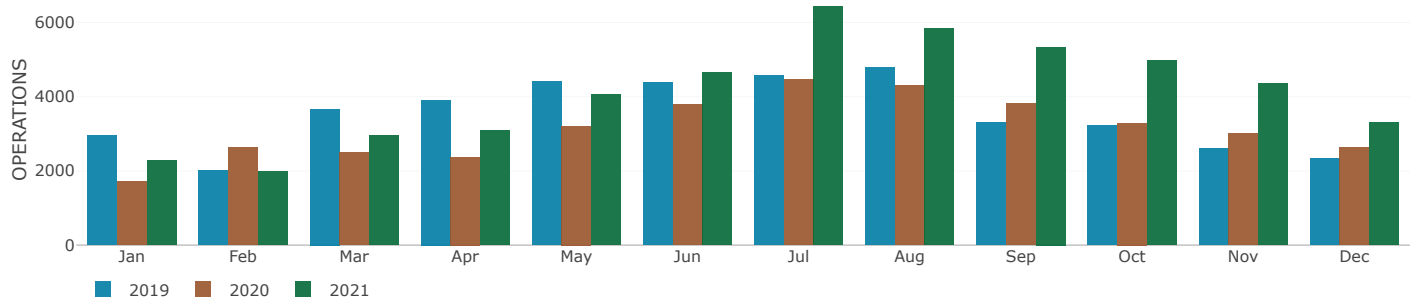
2021	319 COMPLAINTS	17 LOCATIONS	89 NIGHTTIME COMPLAINTS	11 NIGHTTIME HOUSEHOLDS
2020	420 COMPLAINTS	12 LOCATIONS	134 NIGHTTIME COMPLAINTS	10 NIGHTTIME HOUSEHOLDS

COMPLAINT DESCRIPTORS



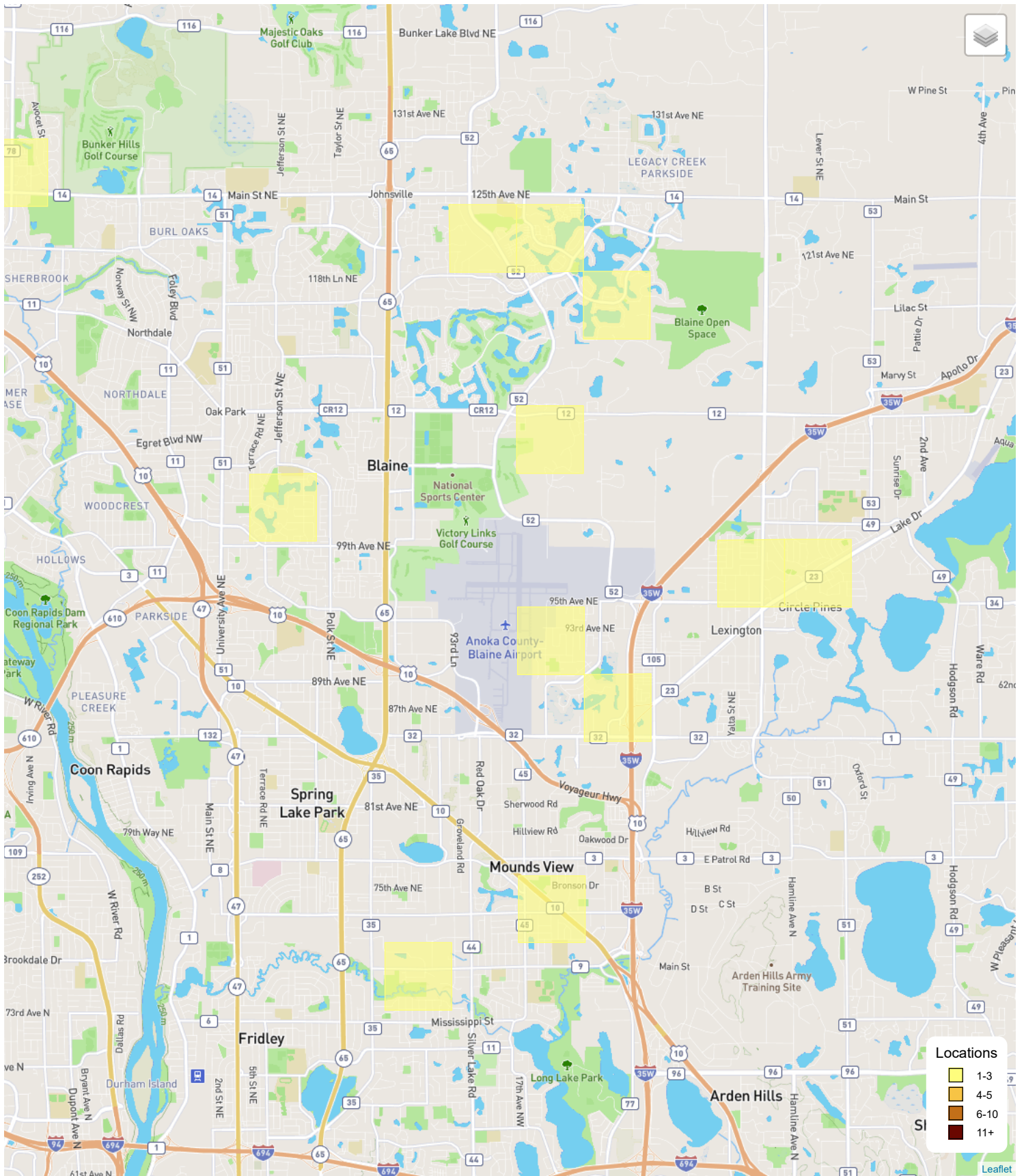
OPERATIONS

2021		2020	
12,626 OPERATIONS	567 NIGHTTIME OPERATIONS	8,928 OPERATIONS	549 NIGHTTIME OPERATIONS



AIRCRAFT TYPE	OPERATIONS	%	COMPLAINTS	%
JET	520	4.1 %	35	11.0 %
HELICOPTER	802	6.4 %	38	11.9 %
MILITARY	4	0.0 %	2	0.6 %
PISTON	10,068	79.7 %	153	48.0 %
TURBO-PROP	976	7.7 %	84	26.3 %
UNKNOWN	256	2.0 %	7	2.2 %
RUN-UP	0	0.0 %	0	0.0 %

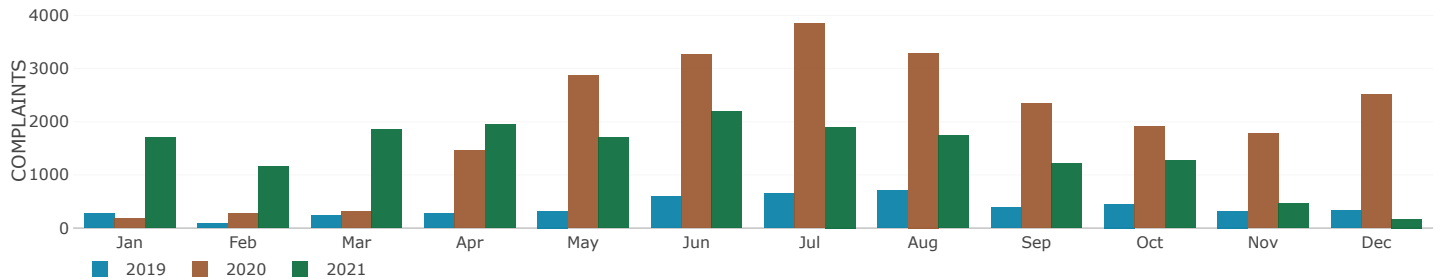
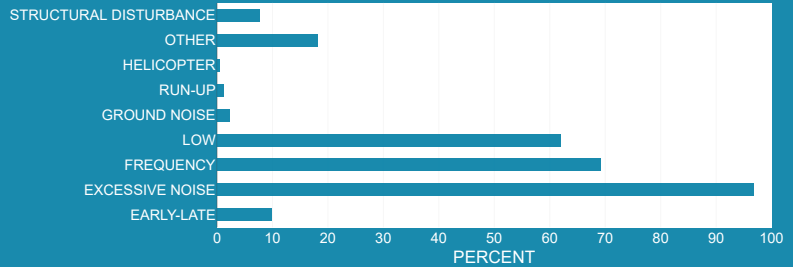
Anoka County-Blaine (Janes Field) Airport (ANE) - COMPLAINTS HEATMAP



COMPLAINTS

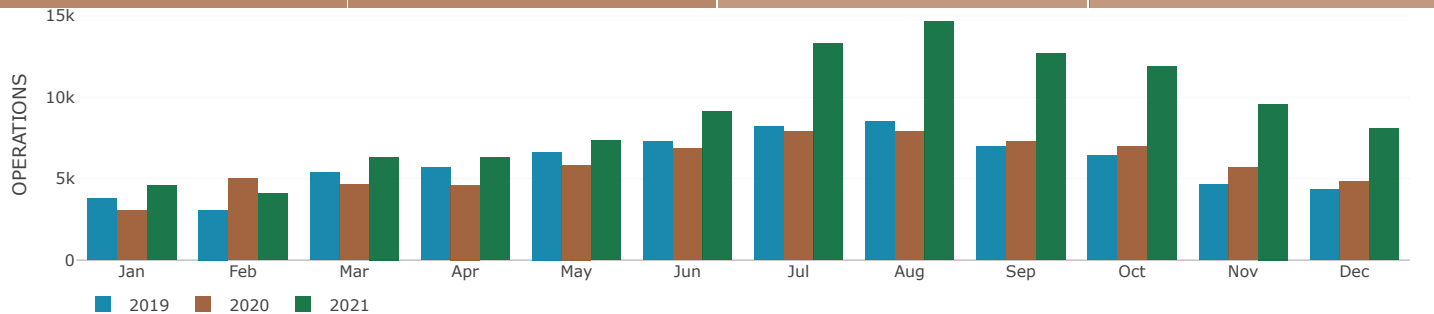
2021	1,896 COMPLAINTS	51 LOCATIONS	302 NIGHTTIME COMPLAINTS	36 NIGHTTIME HOUSEHOLDS
2020	6,215 COMPLAINTS	35 LOCATIONS	1,015 NIGHTTIME COMPLAINTS	22 NIGHTTIME HOUSEHOLDS

COMPLAINT DESCRIPTORS



OPERATIONS

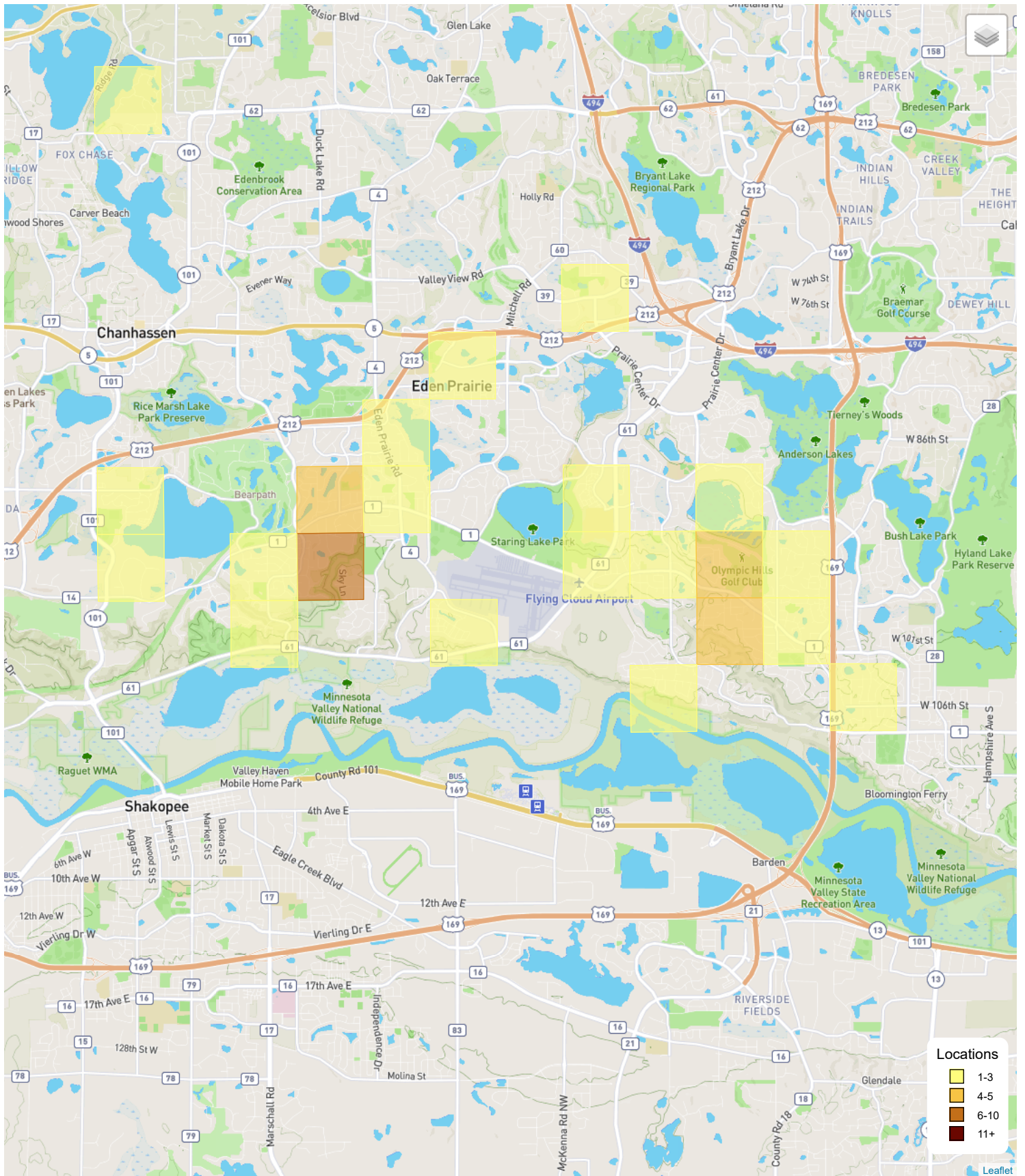
2021		2020	
29,565 OPERATIONS	755 NIGHTTIME OPERATIONS	17,527 OPERATIONS	467 NIGHTTIME OPERATIONS



AIRCRAFT TYPE	OPERATIONS	%	COMPLAINTS	%
JET	3,305	11.2 %	594	31.3 %
HELICOPTER	654	2.2 %	17	0.9 %
MILITARY	4	0.0 %	1	0.1 %
NOT-CORRELATED	0	0.0 %	17	0.9 %
PISTON	23,426	79.2 %	1,032	54.4 %
TURBO-PROP	2,011	6.8 %	230	12.1 %
UNKNOWN	165	0.6 %	5	0.3 %

	AIRCRAFT TYPE	OPERATIONS	%	COMPLAINTS	%
	RUN-UP	0	0.0 %	0	0.0 %

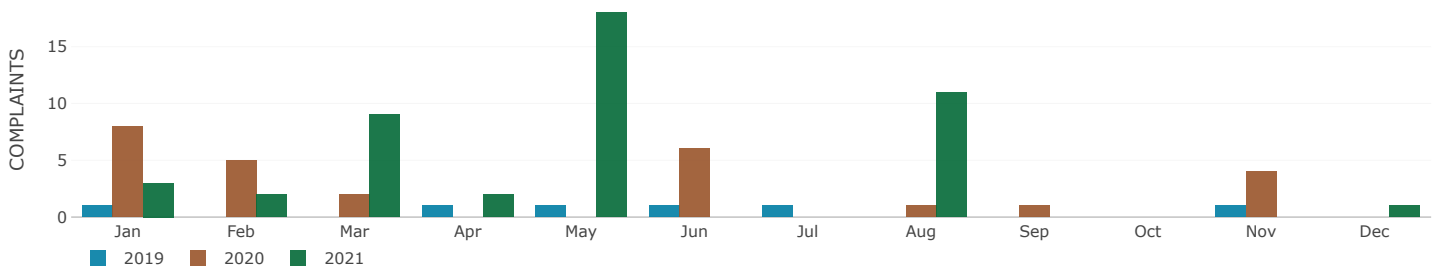
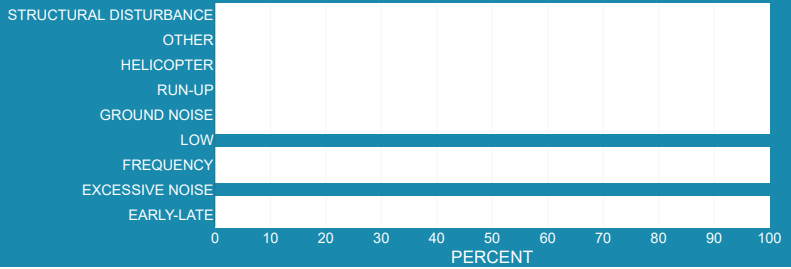
Flying Cloud Airport (FCM) - COMPLAINTS HEATMAP



COMPLAINTS

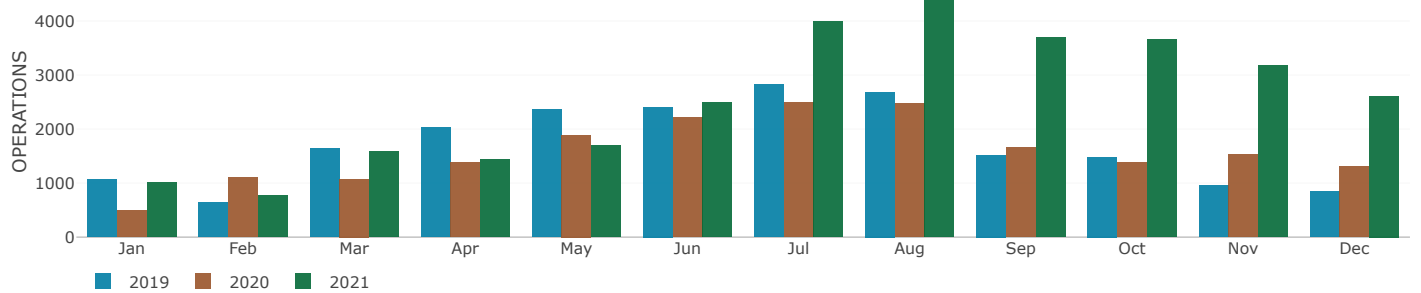
2021	1 COMPLAINTS	1 LOCATIONS	0 NIGHTTIME COMPLAINTS	0 NIGHTTIME HOUSEHOLDS
2020	4 COMPLAINTS	2 LOCATIONS	0 NIGHTTIME COMPLAINTS	0 NIGHTTIME HOUSEHOLDS

COMPLAINT DESCRIPTORS



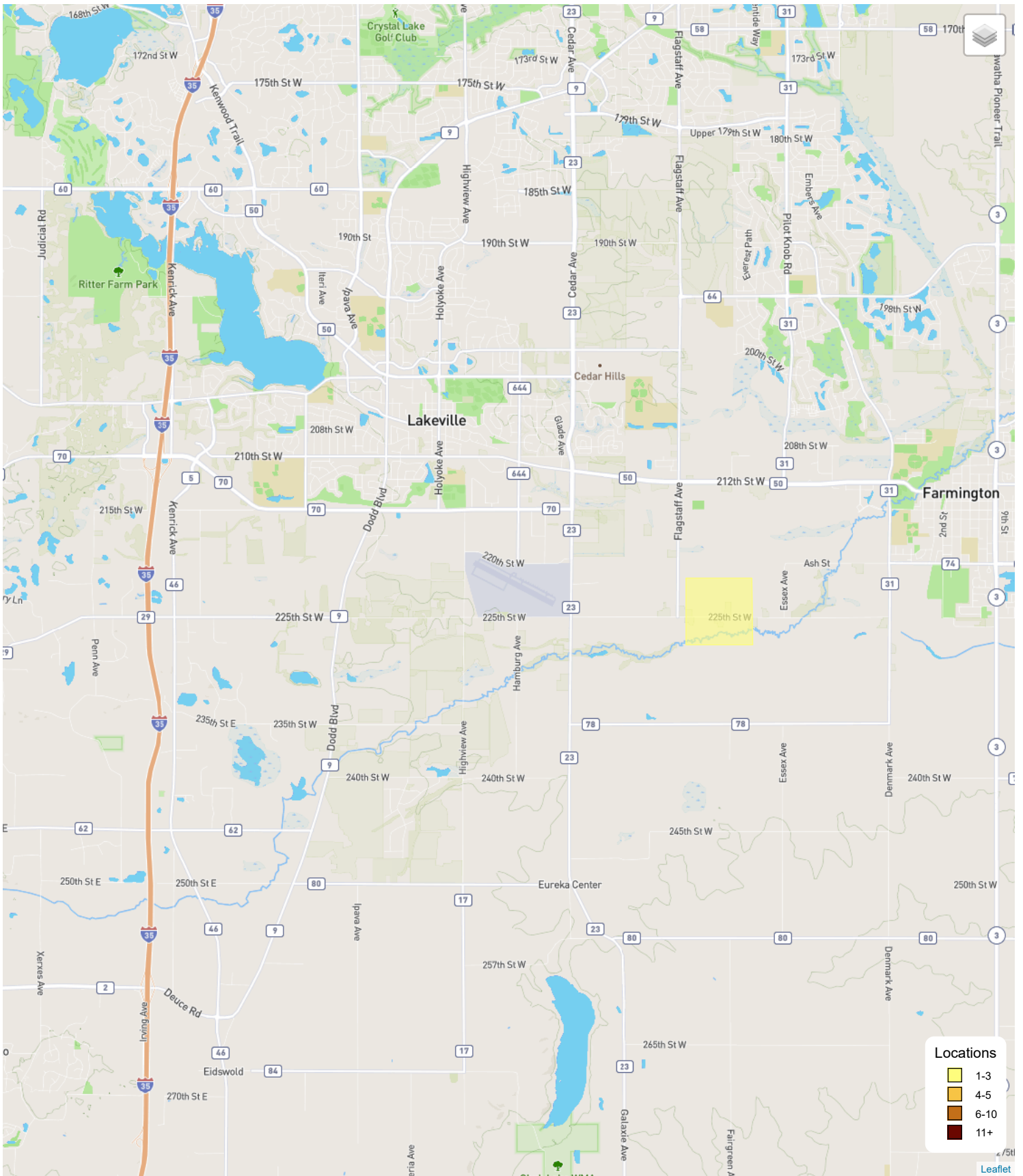
OPERATIONS

2021		2020	
9,451 OPERATIONS	45 NIGHTTIME OPERATIONS	4,215 OPERATIONS	93 NIGHTTIME OPERATIONS



AIRCRAFT TYPE	OPERATIONS	%	COMPLAINTS	%
UNKNOWN	417	4.4 %	1	100.0 %
HELICOPTER	93	1.0 %	0	0.0 %
JET	39	0.4 %	0	0.0 %
MILITARY	10	0.1 %	0	0.0 %
PISTON	8,824	93.4 %	0	0.0 %
TURBO-PROP	68	0.7 %	0	0.0 %
RUN-UP	0	0.0 %	0	0.0 %

Airlake Airport (LVN) - COMPLAINTS HEATMAP



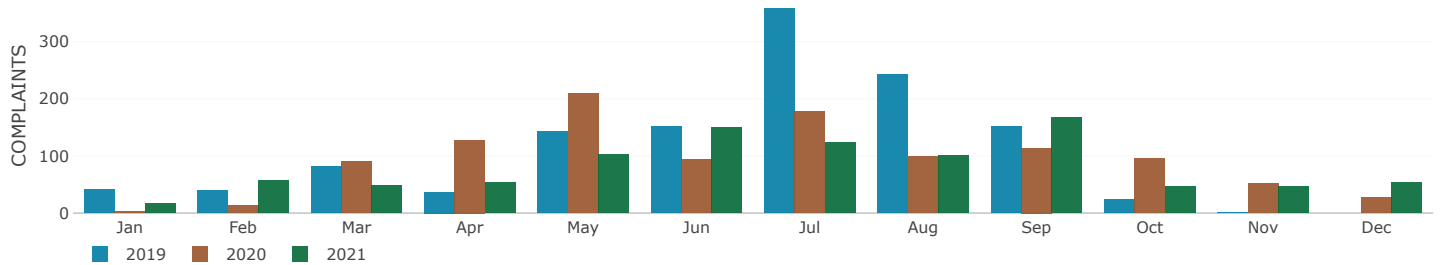
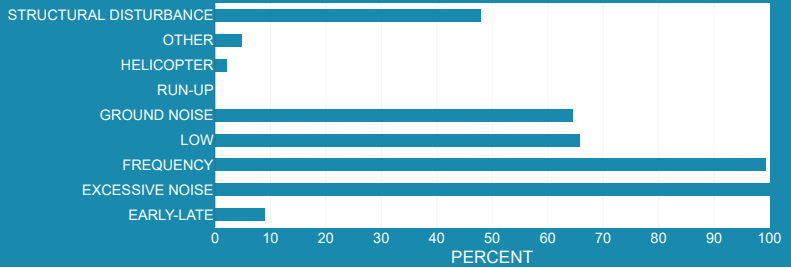
Locations

- 1-3
- 4-5
- 6-10
- 11+

COMPLAINTS

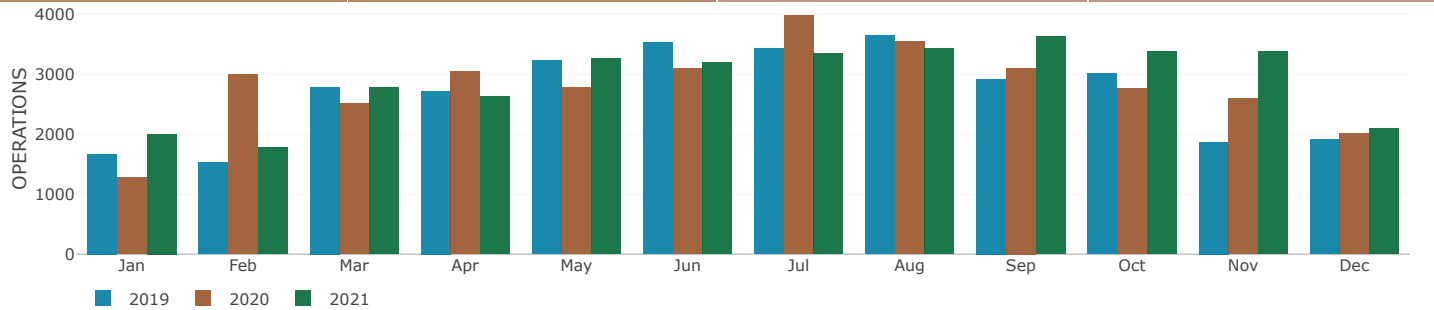
2021	146 COMPLAINTS	4 LOCATIONS	5 NIGHTTIME COMPLAINTS	1 NIGHTTIME HOUSEHOLDS
2020	175 COMPLAINTS	7 LOCATIONS	31 NIGHTTIME COMPLAINTS	3 NIGHTTIME HOUSEHOLDS

COMPLAINT DESCRIPTORS



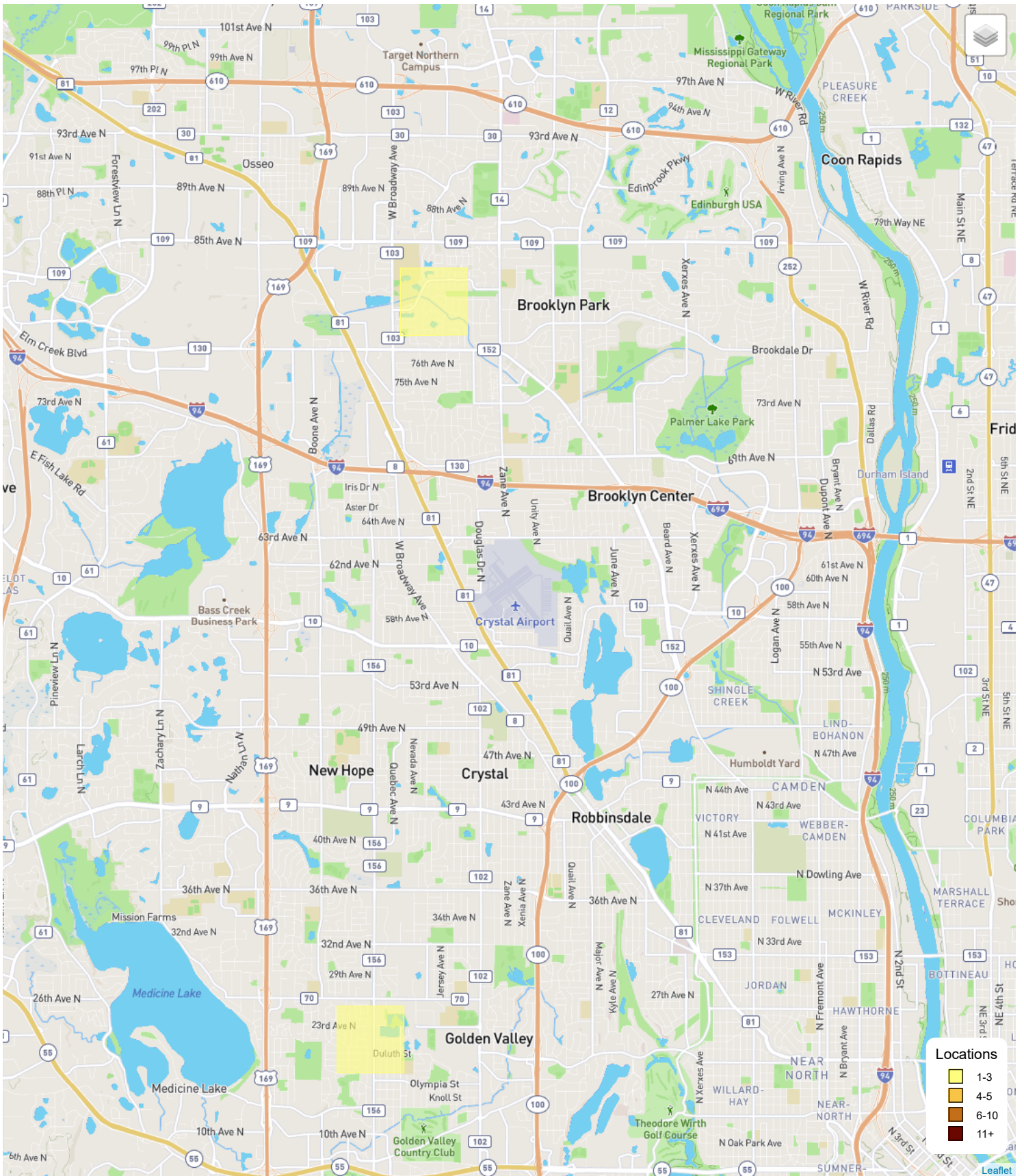
OPERATIONS

2021		2020	
8,862 OPERATIONS	76 NIGHTTIME OPERATIONS	7,362 OPERATIONS	49 NIGHTTIME OPERATIONS



AIRCRAFT TYPE	OPERATIONS	%	COMPLAINTS	%
JET	0	0.0 %	10	6.8 %
HELICOPTER	229	2.6 %	7	4.8 %
PISTON	8,425	95.1 %	121	82.9 %
TURBO-PROP	49	0.6 %	7	4.8 %
UNKNOWN	159	1.8 %	1	0.7 %
RUN-UP	0	0.0 %	0	0.0 %

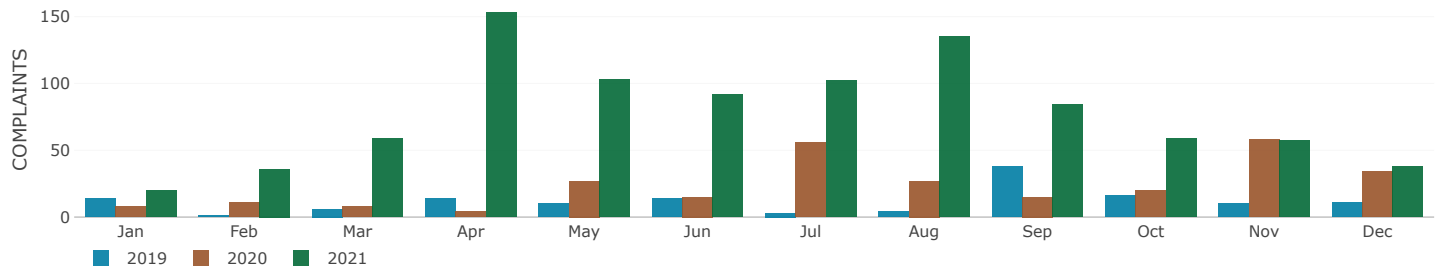
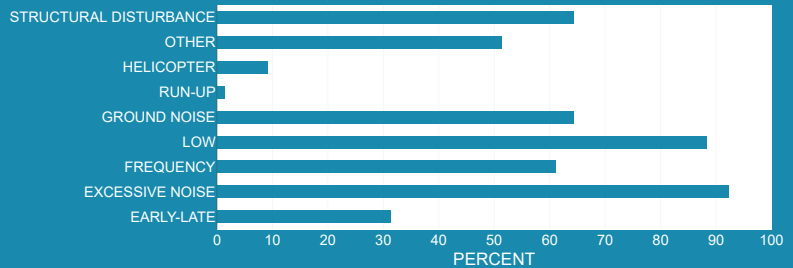
Crystal Airport (MIC) - COMPLAINTS HEATMAP



COMPLAINTS

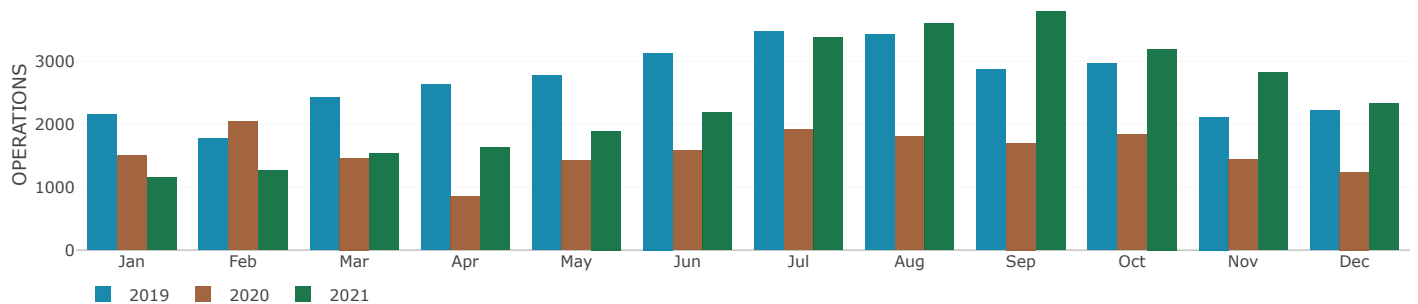
2021	154 COMPLAINTS	18 LOCATIONS	43 NIGHTTIME COMPLAINTS	8 NIGHTTIME HOUSEHOLDS
2020	112 COMPLAINTS	15 LOCATIONS	44 NIGHTTIME COMPLAINTS	8 NIGHTTIME HOUSEHOLDS

COMPLAINT DESCRIPTORS



OPERATIONS

2021		2020	
8,343 OPERATIONS	584 NIGHTTIME OPERATIONS	4,506 OPERATIONS	455 NIGHTTIME OPERATIONS



AIRCRAFT TYPE	OPERATIONS	%	COMPLAINTS	%
JET	3,103	37.2 %	66	42.9 %
HELICOPTER	310	3.7 %	13	8.4 %
PISTON	3,218	38.6 %	18	11.7 %
TURBO-PROP	1,324	15.9 %	57	37.0 %
UNKNOWN	388	4.7 %	0	0.0 %
RUN-UP	0	0.0 %	0	0.0 %

St Paul Downtown Holman Field (STP) - COMPLAINTS HEATMAP

