



MEETING AGENDA

Date: May 25, 2022 Time: 3 p.m.

**Meeting Location: Baytown Township Hall
4020 McDonald Dr N, Stillwater, MN 55082
Face Masks are Recommended**

1. Welcome and Introductions -Information (~2 min.)
2. Approval of Meeting Minutes for 12-1-2021 -Action (~2 min.)
3. Approval of Meeting Minutes for 2-23-2021 -Action (~2 min.)
4. LEAAC One-Year Anniversary -Information (~1 min.)
5. Airport User Spotlight -Information (~5 min.)
6. EAA Chapter 54 Young Eagles -Information (~5 min.)
7. Flight Training Process - Information (~10 min.)
8. Airport Manager Update -Information (~3 min.)
9. Q1 2022 Aircraft Operations and Noise Complaints -Information (~5 min.)
10. Airport Tour and Grand Opening Discussion -Information (~5 min.)
11. Public Comment (3-min. per comment) -Information (~6 min.)
12. Member Comment -Information (~10 min.)
13. Set LEAAC meeting schedule -Action (~2 min.)
14. Adjourn

(~Noted discussion times are approximate)

**For questions about this meeting agenda, please contact:
Jennifer Lewis, MAC Community Relations Coordinator
Jennifer.lewis@mspmact.org or 612-486-2420**



**METROPOLITAN AIRPORTS COMMISSION
LAKE ELMO AIRPORT ADVISORY COMMISSION
DRAFT MEETING MINUTES**

Wednesday, December 1, 2021, 3:00 p.m.
Baytown Township Hall
4020 McDonald Drive North
Stillwater, MN 55082

The meeting started at 3:03 p.m. In attendance were:

Representatives: D. Selander, Lake Elmo Aero; S. St. Ores, Bayport; N. Ruedy, Lake Elmo Aero; D. Kyllö, West Lakeland Township; R. Weyrauch, Baytown Township; K. Howard, Washington County; L. Peterson, At-Large; J. Morgan, At-Large; R. Stoller, EAA Chapter 54; M. Just, Lake Elmo; K. Bergman, At-Large; J. Thomas, At. Large

MAC Staff: R. Skoog, MAC Commissioner; P. Tiedeman, Airport Manager, Lake Elmo Airport; J. Lewis, Community Relations Coordinator; M. Ross, Assistant Manager, Community Relations; J. Harris, Director – Reliever Airports; P. Mosites, Project Manager – Airport Development; K. Verdeja, Administrative Specialist

Other: L. Reidt, SEH; J. Walgrave, SEH

A quorum of at least three User Representatives and three Public Representatives was established.

1. Welcome and Introductions - Information

Luke Peterson, Co-Chair, called the meeting to order at 3:03 pm. There was a total of 21 participants. He gave an overview of the agenda, including the goal and purpose for the advisory commission. **Chair Peterson** invited each person in attendance to briefly introduce themselves.

2. Approval of Meeting Minutes for 8-25-2021

Chair Peterson, opened the discussion regarding the approval of the minutes from the last committee meeting noting a revision. There was no discussion.

**Representative Weyrach moved and Representative Stoller seconded to:
Approve the Meeting Minutes from the August 25, 2021 Meeting as revised.**

The motion passed by unanimous vote.

3. Evaporator Briefing

Chair Peterson, introduced **Pat Mosites, Project Manager – Airport Development. Mr. Mosites** explained the Stormwater Analysis and the proposed drainage at the Lake Elmo Airport. He introduced **Lindsay Reidt, an associate from Short, Elliot and Hendrickson (SEH).** **Ms. Reidt** went over the overall project schedule for runway 14/32 replacement. She then introduced **Jeremy Walgrave, also an associate from SEH**, who gave more detail regarding the proposed Drainage Project and explanation of the evaporator locations and noise.

Mr. Mosites also added that Lake Elmo Airport needs to have lined ponds, which was another factor in needing evaporators.

Philip Tiedeman, Airport Manager - Lake Elmo Airport, responded to an inquiry regarding the safety of wildlife near the airport.

Mr. Walgrave responded to an inquiry regarding the capacity of the ponds and evaporators as well as an inquiry of the daily monitoring of the basins.

4. Airport Manager's Update

Philip Tiedeman, Airport Manager – Lake Elmo Airport, discussed the tree clearing near the railroad tracks, fence repair and new gate installation. Mr. Tiedeman went on to explain that excavation and grading, runway lighting, and vault building are currently under construction. He also explained the plan for the upcoming winter season.

Mr. Tiedeman responded to a question regarding the tree clearing project.

5. Mobile Sound Monitoring Study Update

Michele Ross, Assistant Manager, Community Relations, gave a brief overview of aircraft noise. Ms. Ross also mentioned the www.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 Lake Elmo Airport (21D) Sound Study which took place August 4-10, 2021. 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 numerous inquiries about modeling data, measured data and interpreting of the data.

6. Aircraft Operations and Noise Complaints Summary

Jennifer Lewis, Meeting Coordinator, gave an overview of the Metropolitan Airports Commission (MAC) Reliever Airport Operations and Noise Complaint Report for Quarter 3 2021. Ms. Lewis explained that information related to Lake Elmo Airport included 25 noise complaints from 4 locations, and 7 nighttime complaints from 3 nighttime locations. **Ms. Lewis** explained that more detail about complaints and operations is available at [MACNOMS | Metropolitan Airports Commission \(metroairports.org\)](http://MACNOMS | Metropolitan Airports Commission (metroairports.org))

7. Public Comment

Chair Peterson, introduced the public comment period and reminded attendees of the ground rules for public comment. There were no comments made.

9. Member Comments

Chair Peterson thanked all in attendance for participating and opened the discussion to the representatives. There were no comments made.

10. Set LEAAC Meeting Schedule

Chair Peterson led a discussion regarding the date of the next meeting.

Next LEAAC Meeting to be held on February 23, 2022 at 3:00 pm tentatively at the same location.

**Representative Just moved and Representative St. Ores seconded to:
Adjourn the December 1, 2021 Meeting.**

The motion passed by unanimous vote.

The meeting was adjourned at 4:30 p.m.

DRAFT

**METROPOLITAN AIRPORTS COMMISSION
LAKE ELMO AIRPORT ADVISORY COMMISSION
DRAFT MEETING MINUTES**

Wednesday, February 23, 2022, 3:00 p.m.
Baytown Township Hall
4020 McDonald Drive North
Stillwater, MN 55082

The meeting started at 3:10 p.m. In attendance were:

Representatives: D. Kylo, West Lakeland Township; K. Howard, Washington County; L. Peterson, At-Large; R. Stoller, EAA Chapter 54; M. Just, Lake Elmo; A. Bell, City of Bayport; J. Holtz, City of Lake Elmo

MAC Staff: R. Skoog, MAC Commissioner; P. Tiedeman, Airport Manager, Lake Elmo Airport; J. Lewis, Community Relations Coordinator; M. Ross, Assistant Manager, Community Relations; J. Harris, Director – Reliever Airports; K. Verdeja, Administrative Specialist

Other: G. Weibel, Reliever Airports Advisory Council (RAAC)

A quorum of at least three User Representatives and three Public Representatives was not established.

1. Welcome and Introductions - Information

Dan Kylo, Co-Chair, called the meeting to order at 3:10 pm. There was a total of 14 participants. He gave an overview of the agenda, including the goal and purpose for the advisory commission. **Chair Kylo** invited each person in attendance to briefly introduce themselves.

2. Approval of Meeting Minutes for 12-1-2021

Chair Kylo tabled the discussion regarding the approval of the minutes from the last committee meeting. There was no discussion.

3. Airport User Spotlight

Co-Chair Peterson highlighted two airport users. **Mike** has been on the airport since 1983. He moved here from New Jersey. **Mike** retired from Delta/Northwest as a mechanic. The second user **Co-Chair Peterson** highlighted is named **Molly**. She is a new instructor at Lake Elmo Aero.

4. Lake Elmo Airport Orientation

Jennifer Lewis, Technical Advisor, gave an overview of aviation. She also explained fundamentals on aircraft and aerodynamics, an overview of location aviation, and described flight operations at 21D (Lake Elmo Airport), described the role of airport regulators.

Ms. Lewis responded to an inquiry about the governance of the Metropolitan Airports Commission (MAC). She also responded to an inquiry regarding the increase in privately owned airfields/airports.

Philip Tiedemann, Manager – Lake Elmo Airport explained airport funding and economic output, the basic features at Lake Elmo Airport, aircraft operations trends, and long-term planning and noise abatement.

Mr. Tiedemann responded to an inquiry about landing patterns.

Michele Ross, Technical Advisor, explained noise complaint trends, and aviation stakeholders. Lastly, she discussed several resources and references for the community including aviation events.

Ms. Ross responded to an inquiry regarding what kind of information would be most helpful to MAC when a complaint is filed. She also clarified the options of responses available to a complainant and the outcomes of the correspondence.

5. **Public Comment**

Chair Kylo introduced the public comment period and reminded attendees of the ground rules for public comment. There were no comments made.

9. **Member Comments**

Chair Kylo thanked all in attendance for participating and opened the discussion to the representatives. There was an inquiry about the aircraft that went down at Lake Elmo. Co-Chair Peterson recognized the staff at Lake Elmo Airport with the clearing of the runways. Representative Stoller thanked the three presenters for their orientation today.

10. **Set LEAAC Meeting Schedule**

Chair Kylo led a discussion regarding the date of the next meeting.

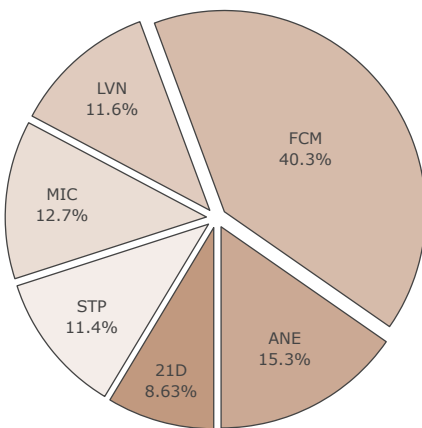
The next LEAAC Meeting is to be held on May 25, 2022 at 3:00 pm tentatively at the same location.

The meeting was adjourned at 4:25 p.m.

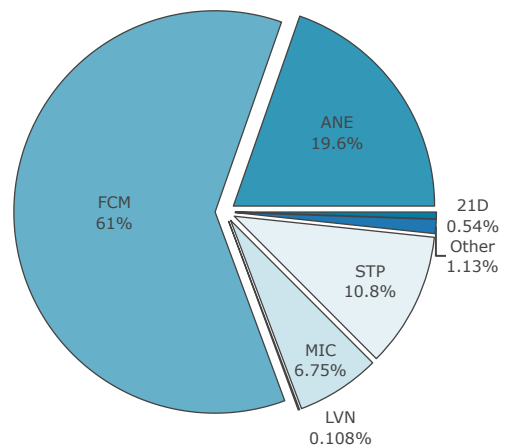
Metropolitan Airports Commission (MAC) Reliever Airport Operations and Noise Complaint Report



AIRCRAFT OPERATIONS



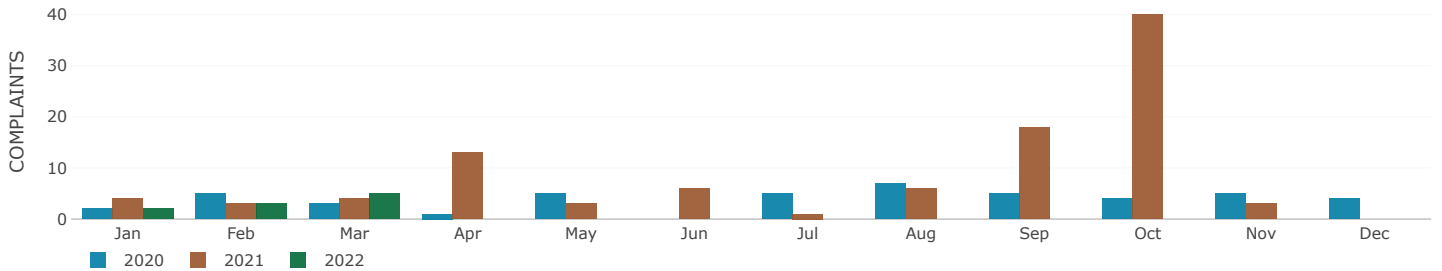
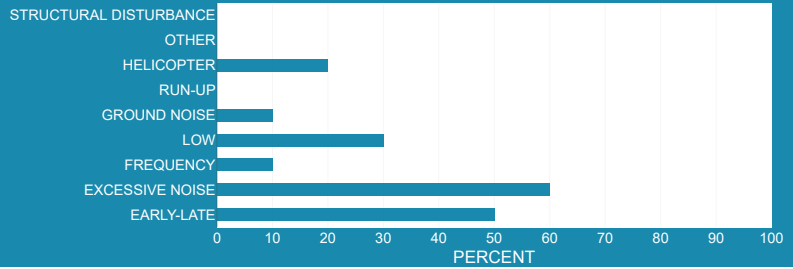
NOISE COMPLAINTS



COMPLAINTS

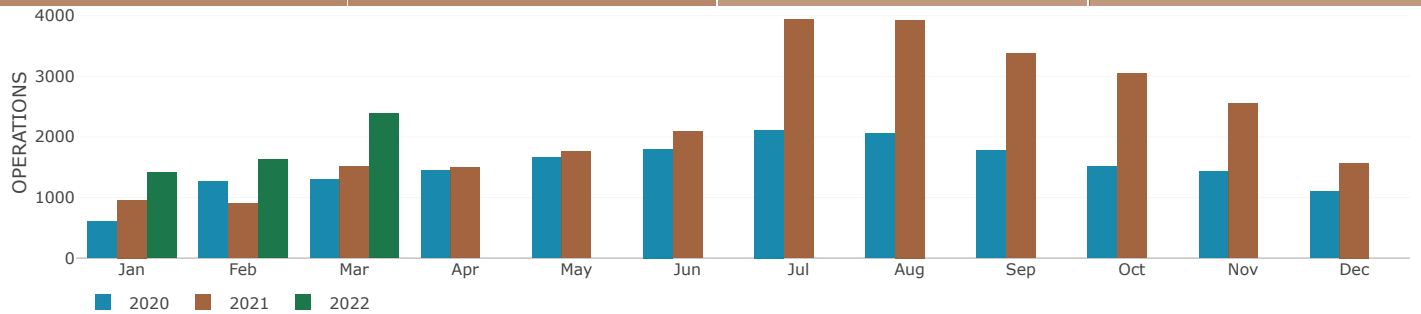
2022	10 COMPLAINTS	4 LOCATIONS	5 NIGHTTIME COMPLAINTS	4 NIGHTTIME HOUSEHOLDS
2021	11 COMPLAINTS	6 LOCATIONS	2 NIGHTTIME COMPLAINTS	2 NIGHTTIME HOUSEHOLDS

COMPLAINT DESCRIPTORS



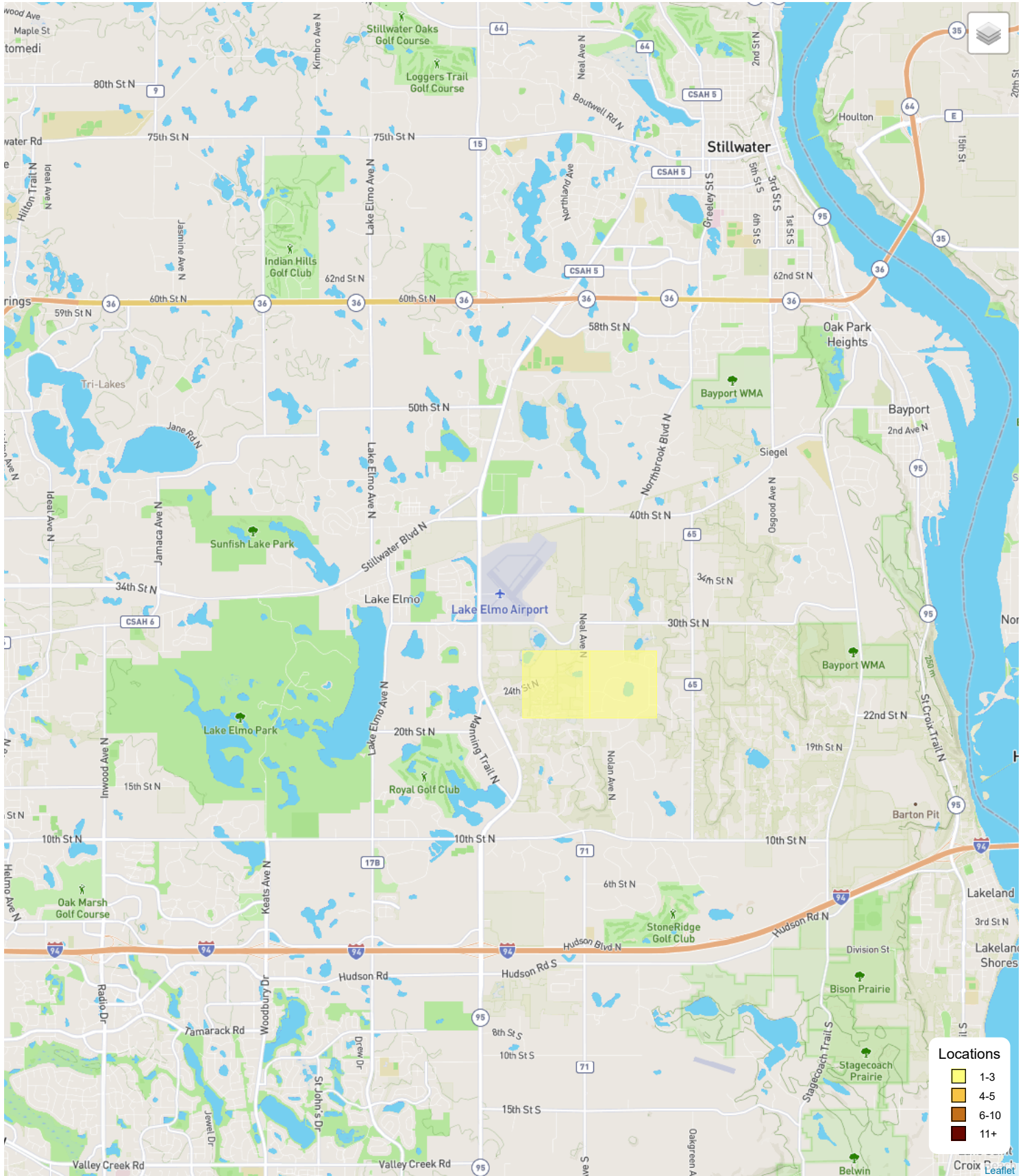
OPERATIONS

2022		2021	
5,430 OPERATIONS	29 NIGHTTIME OPERATIONS	3,364 OPERATIONS	13 NIGHTTIME OPERATIONS



AIRCRAFT TYPE	OPERATIONS	%	COMPLAINTS	%
HELICOPTER	27	0.5 %	1	10.0 %
PISTON	4,896	90.2 %	9	90.0 %
TURBO-PROP	15	0.3 %	0	0.0 %
UNKNOWN	492	9.1 %	0	0.0 %
RUN-UP	0	0.0 %	0	0.0 %

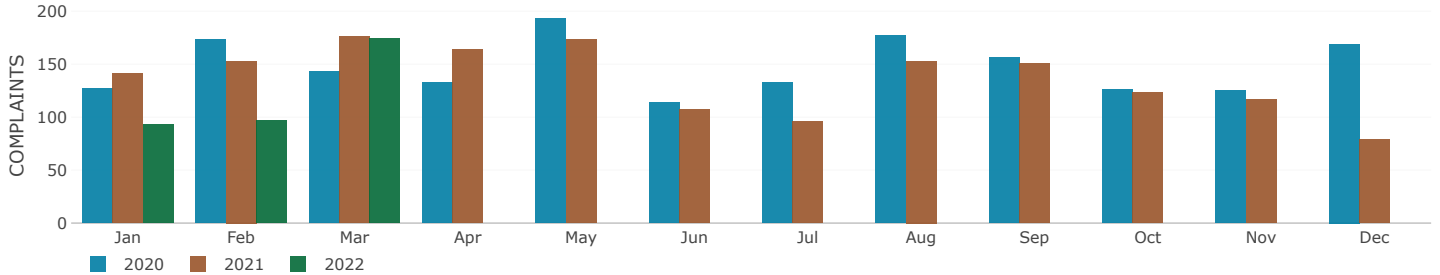
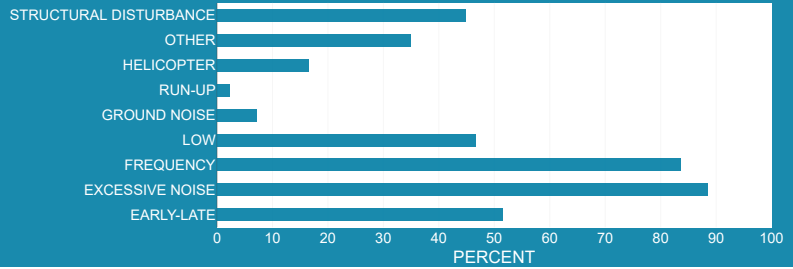
Lake Elmo Airport (21D) - COMPLAINTS HEATMAP



COMPLAINTS

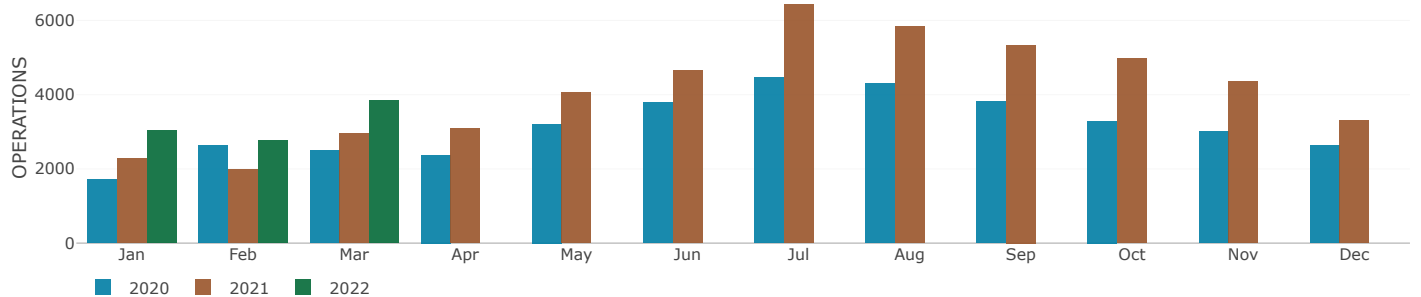
2022	364 COMPLAINTS	16 LOCATIONS	118 NIGHTTIME COMPLAINTS	7 NIGHTTIME HOUSEHOLDS
2021	470 COMPLAINTS	18 LOCATIONS	133 NIGHTTIME COMPLAINTS	13 NIGHTTIME HOUSEHOLDS

COMPLAINT DESCRIPTORS



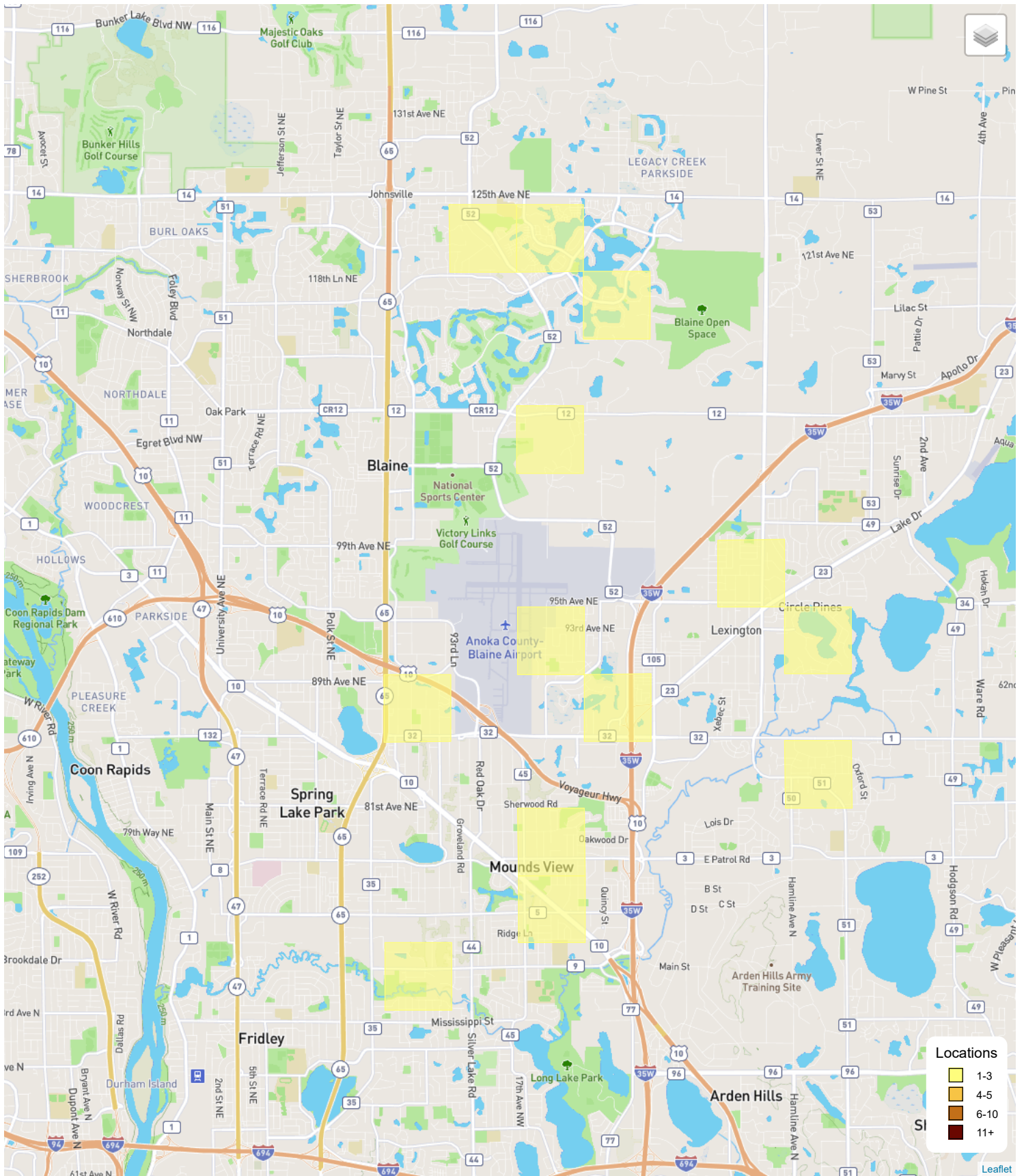
OPERATIONS

2022		2021	
9,643 OPERATIONS	557 NIGHTTIME OPERATIONS	7,220 OPERATIONS	469 NIGHTTIME OPERATIONS



AIRCRAFT TYPE	OPERATIONS	%	COMPLAINTS	%
JET	462	4.8 %	41	11.3 %
HELICOPTER	805	8.3 %	58	15.9 %
PISTON	7,101	73.6 %	142	39.0 %
TURBO-PROP	947	9.8 %	107	29.4 %
UNKNOWN	328	3.4 %	16	4.4 %
RUN-UP	0	0.0 %	0	0.0 %

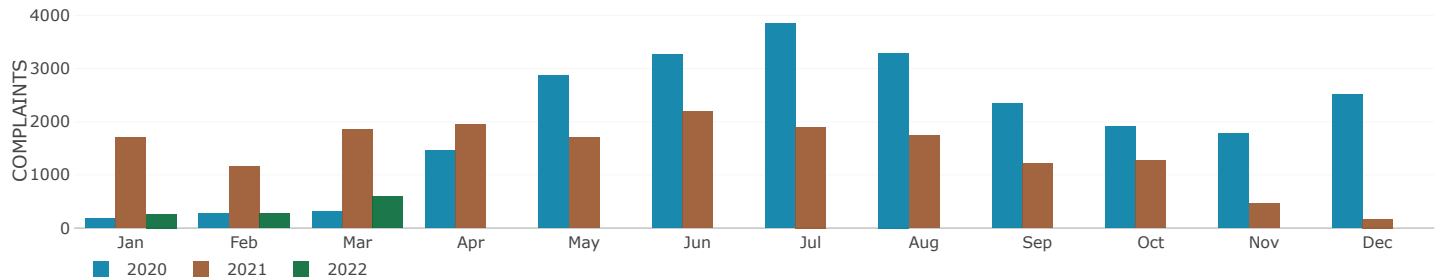
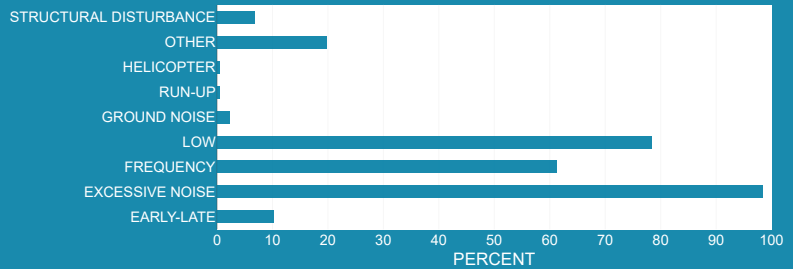
Anoka County-Blaine (Janes Field) Airport (ANE) - COMPLAINTS HEATMAP



COMPLAINTS

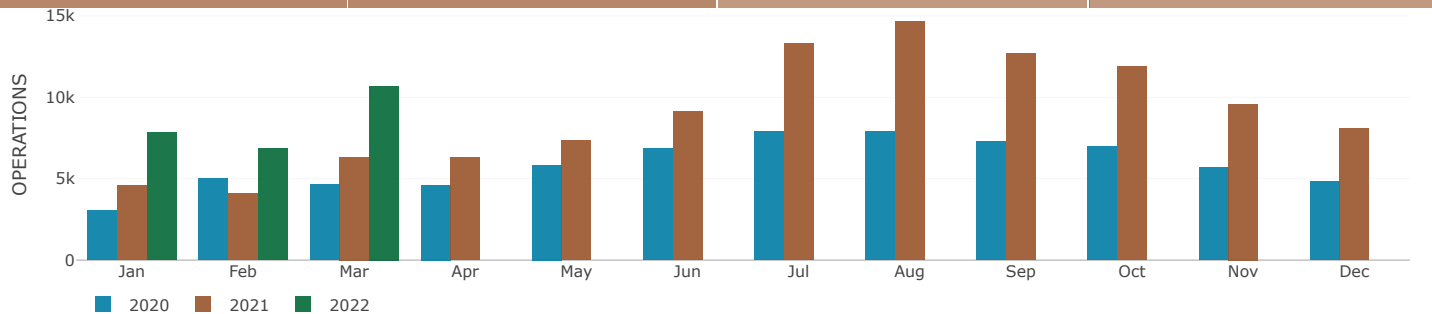
2022	1,130 COMPLAINTS	34 LOCATIONS	165 NIGHTTIME COMPLAINTS	24 NIGHTTIME HOUSEHOLDS
2021	4,707 COMPLAINTS	39 LOCATIONS	626 NIGHTTIME COMPLAINTS	24 NIGHTTIME HOUSEHOLDS

COMPLAINT DESCRIPTORS



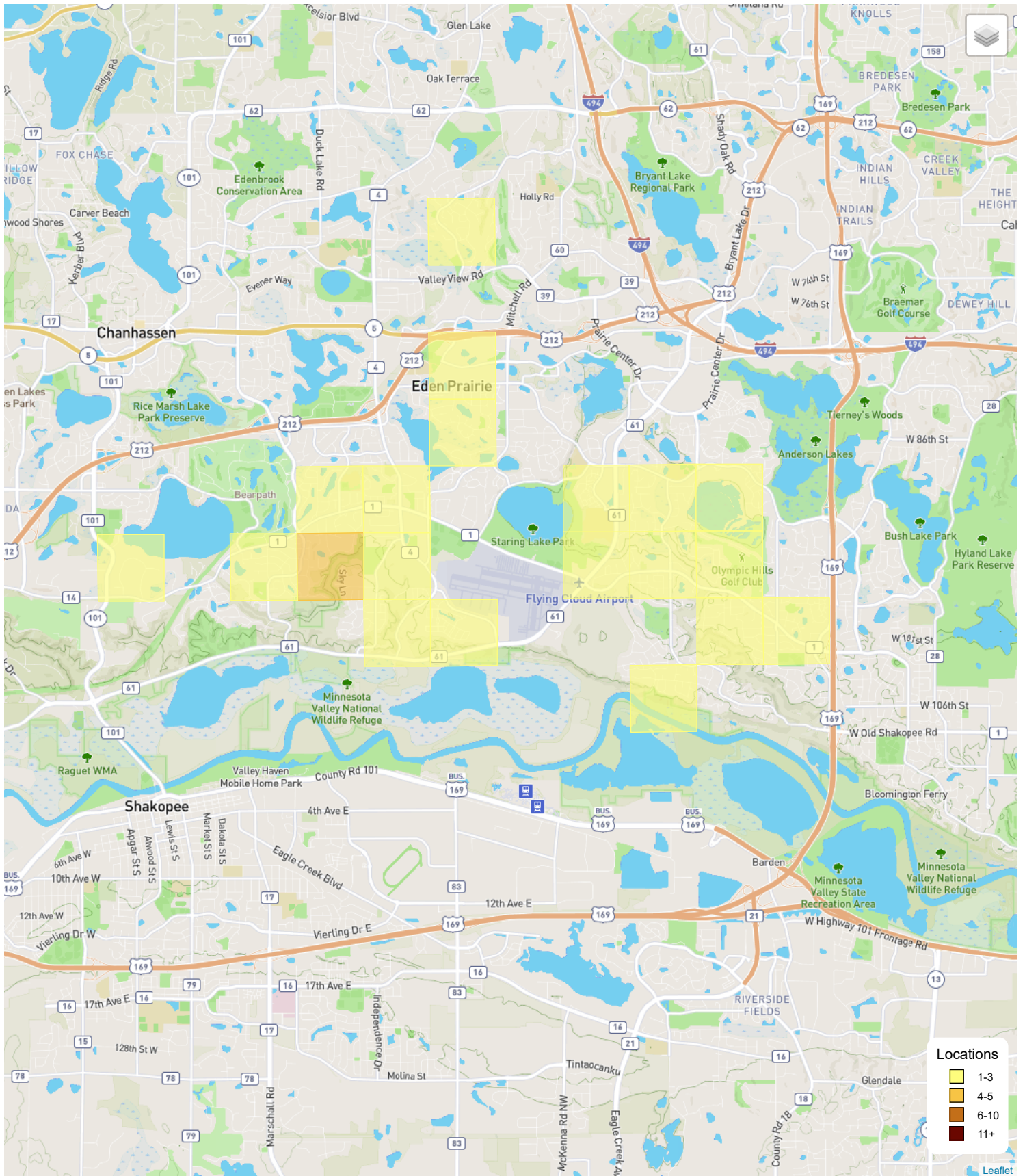
OPERATIONS

2022		2021	
25,375 OPERATIONS	813 NIGHTTIME OPERATIONS	14,993 OPERATIONS	427 NIGHTTIME OPERATIONS



AIRCRAFT TYPE	OPERATIONS	%	COMPLAINTS	%
JET	2,448	9.6 %	431	38.1 %
HELICOPTER	557	2.2 %	9	0.8 %
PISTON	20,389	80.4 %	470	41.6 %
TURBO-PROP	1,688	6.7 %	213	18.8 %
UNKNOWN	293	1.2 %	7	0.6 %
RUN-UP	0	0.0 %	0	0.0 %

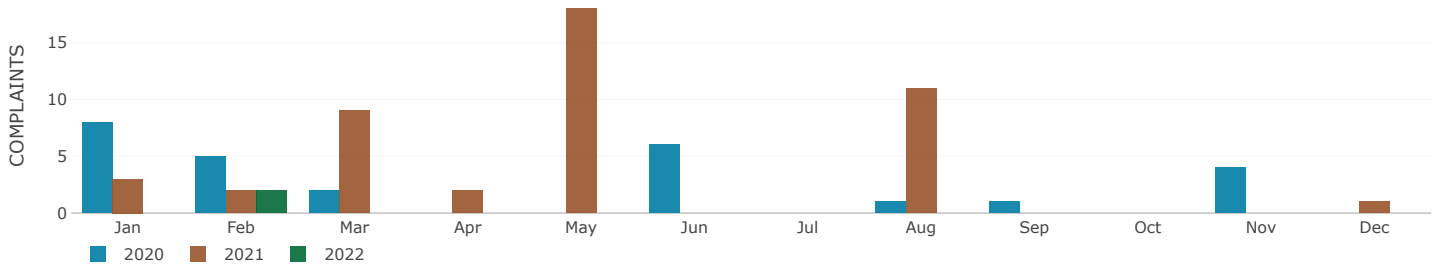
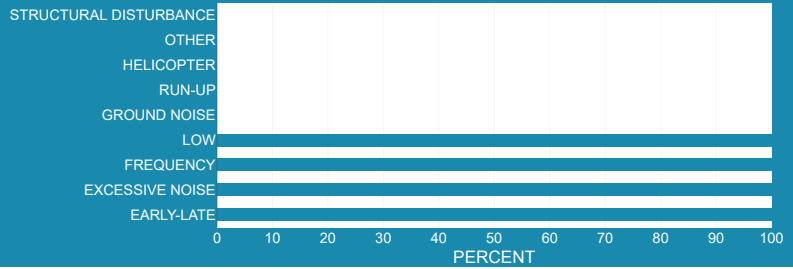
Flying Cloud Airport (FCM) - COMPLAINTS HEATMAP



COMPLAINTS

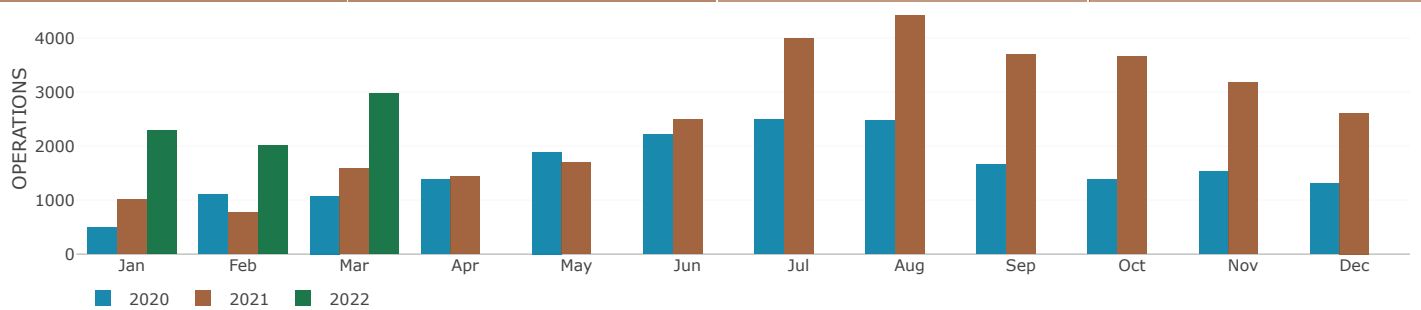
2022	2 COMPLAINTS	1 LOCATIONS	2 NIGHTTIME COMPLAINTS	1 NIGHTTIME HOUSEHOLDS
2021	14 COMPLAINTS	4 LOCATIONS	0 NIGHTTIME COMPLAINTS	0 NIGHTTIME HOUSEHOLDS

COMPLAINT DESCRIPTORS



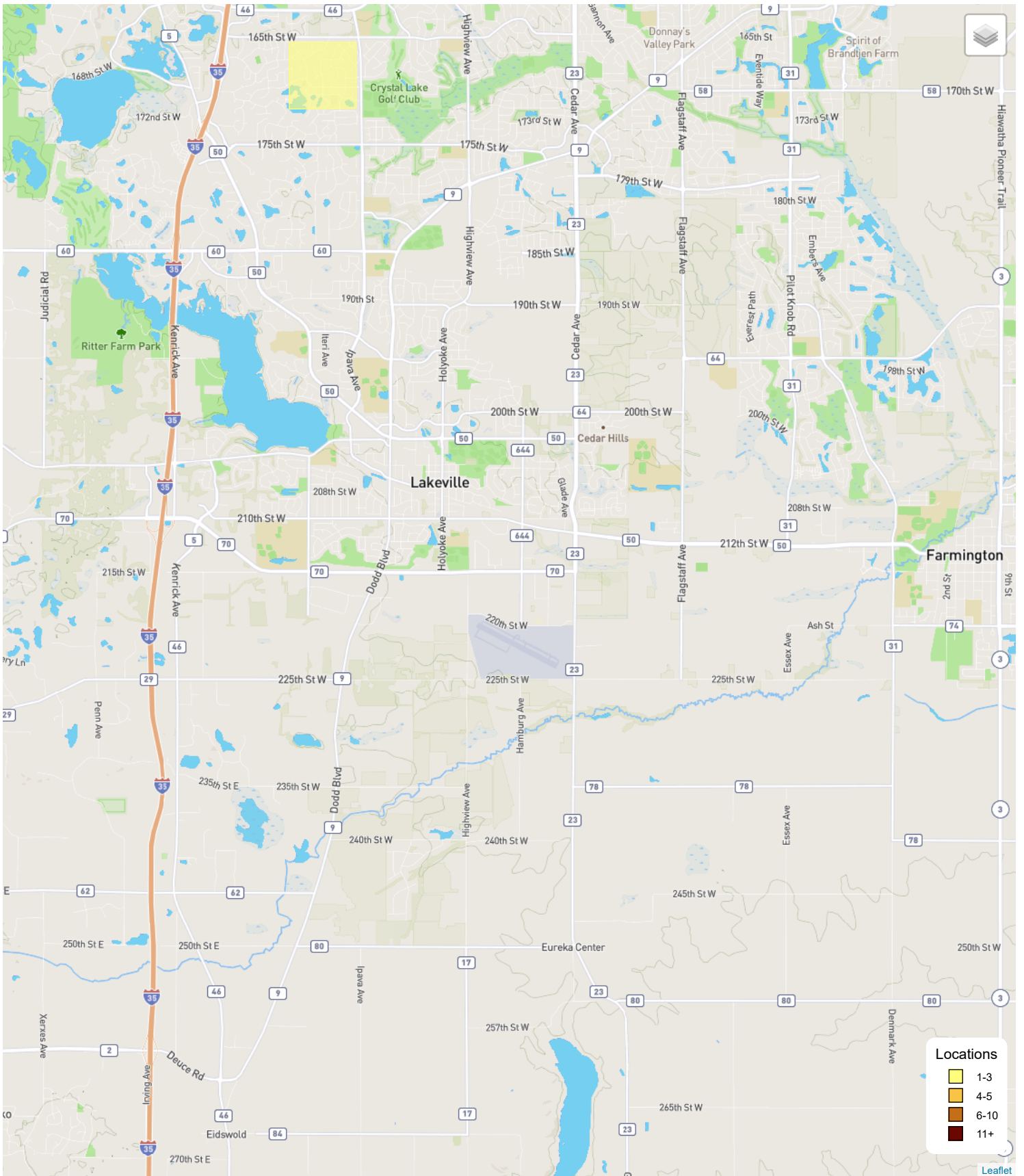
OPERATIONS

2022		2021	
7,289 OPERATIONS	45 NIGHTTIME OPERATIONS	3,362 OPERATIONS	46 NIGHTTIME OPERATIONS



AIRCRAFT TYPE	OPERATIONS	%	COMPLAINTS	%
JET	33	0.5 %	2	100.0 %
HELICOPTER	54	0.7 %	0	0.0 %
MILITARY	2	0.0 %	0	0.0 %
PISTON	6,545	89.8 %	0	0.0 %
TURBO-PROP	21	0.3 %	0	0.0 %
UNKNOWN	634	8.7 %	0	0.0 %
RUN-UP	0	0.0 %	0	0.0 %

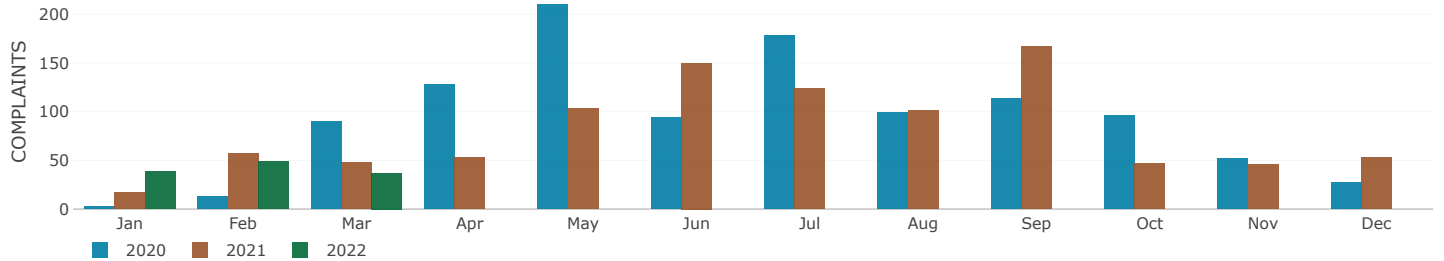
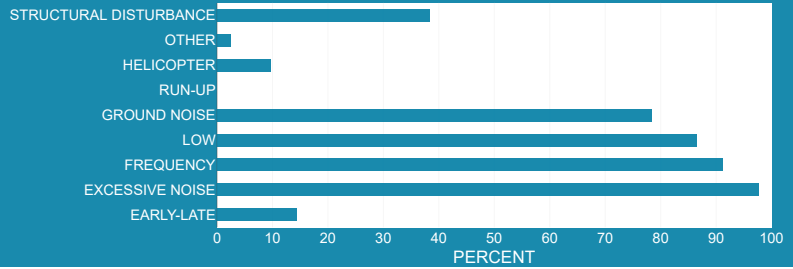
Airlake Airport (LVN) - COMPLAINTS HEATMAP



COMPLAINTS

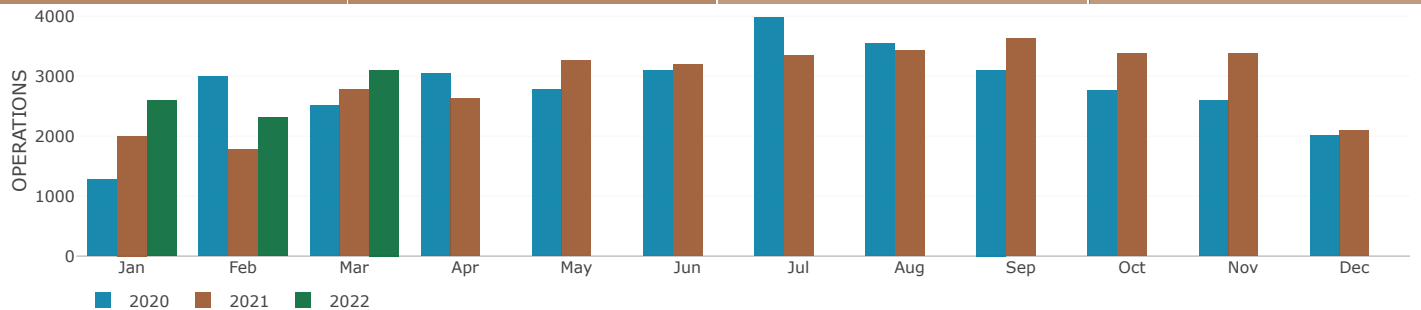
2022	125 COMPLAINTS	8 LOCATIONS	9 NIGHTTIME COMPLAINTS	3 NIGHTTIME HOUSEHOLDS
2021	122 COMPLAINTS	6 LOCATIONS	3 NIGHTTIME COMPLAINTS	2 NIGHTTIME HOUSEHOLDS

COMPLAINT DESCRIPTORS



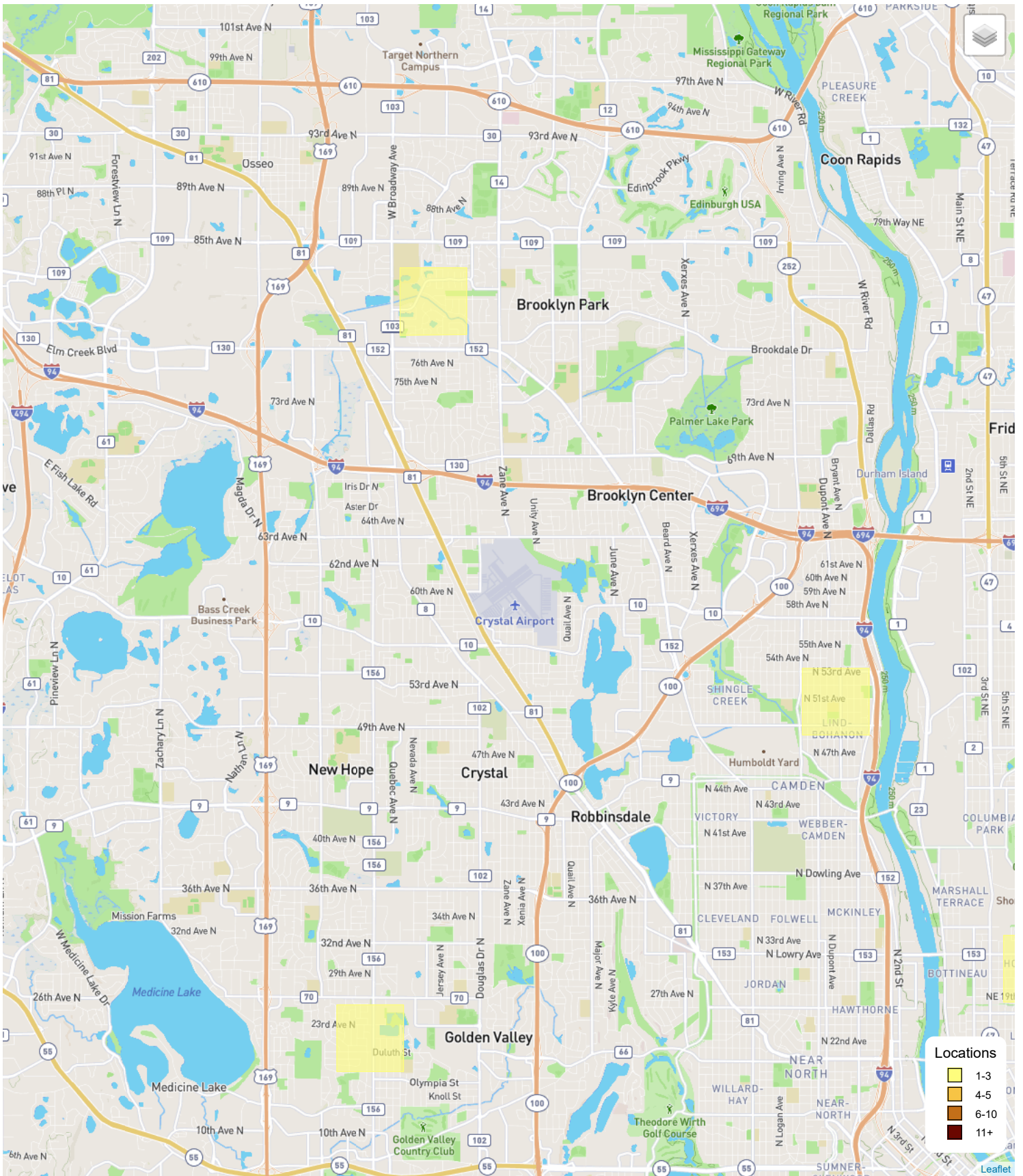
OPERATIONS

2022		2021	
8,007 OPERATIONS	59 NIGHTTIME OPERATIONS	6,563 OPERATIONS	39 NIGHTTIME OPERATIONS



AIRCRAFT TYPE	OPERATIONS	%	COMPLAINTS	%
JET	2	0.0 %	8	6.4 %
HELICOPTER	251	3.1 %	11	8.8 %
PISTON	7,468	93.3 %	99	79.2 %
TURBO-PROP	33	0.4 %	7	5.6 %
UNKNOWN	253	3.2 %	0	0.0 %
RUN-UP	0	0.0 %	0	0.0 %

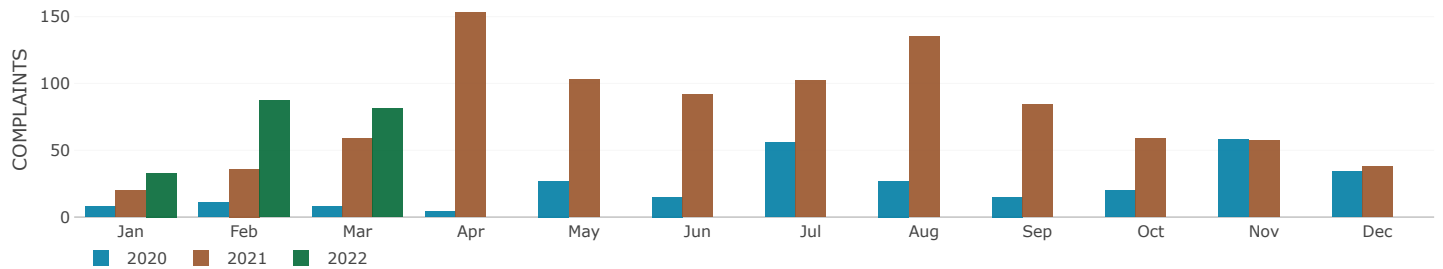
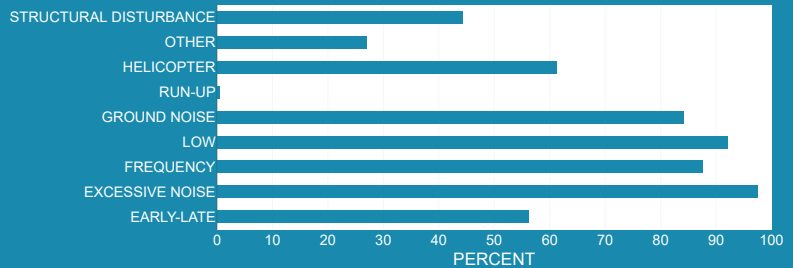
Crystal Airport (MIC) - COMPLAINTS HEATMAP



COMPLAINTS

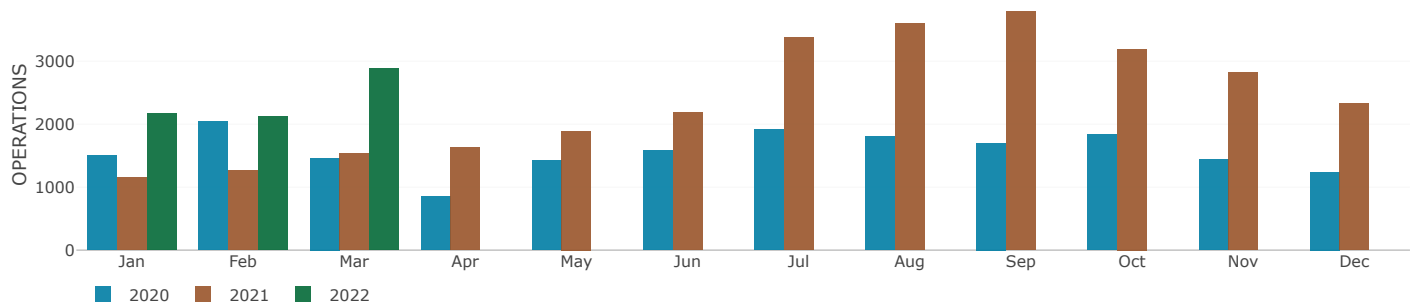
2022	201 COMPLAINTS	14 LOCATIONS	102 NIGHTTIME COMPLAINTS	8 NIGHTTIME HOUSEHOLDS
2021	115 COMPLAINTS	9 LOCATIONS	25 NIGHTTIME COMPLAINTS	4 NIGHTTIME HOUSEHOLDS

COMPLAINT DESCRIPTORS



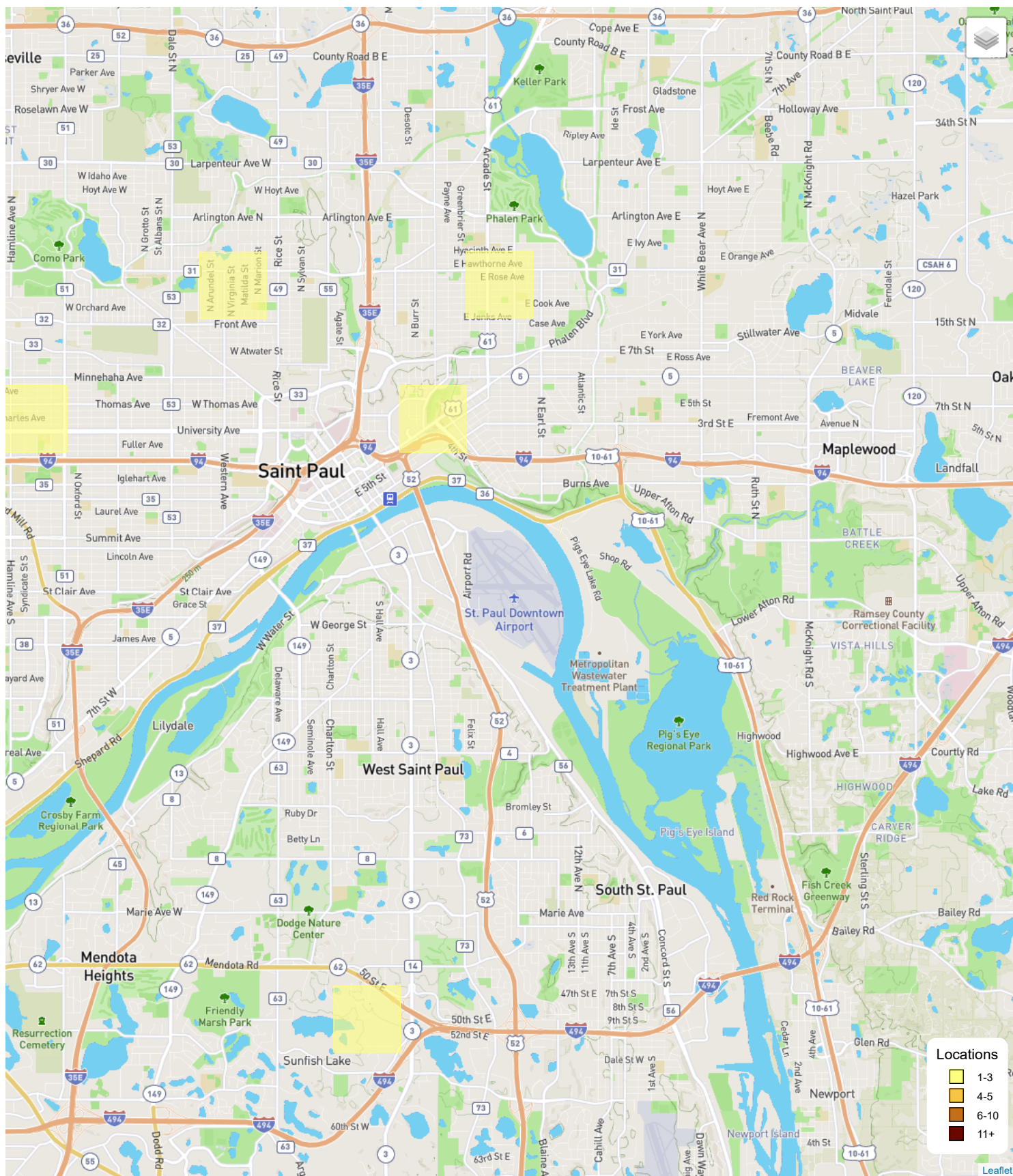
OPERATIONS

2022		2021	
7,177 OPERATIONS	491 NIGHTTIME OPERATIONS	3,949 OPERATIONS	388 NIGHTTIME OPERATIONS



AIRCRAFT TYPE	OPERATIONS	%	COMPLAINTS	%
JET	2,706	37.7 %	55	27.4 %
HELICOPTER	233	3.2 %	73	36.3 %
NOT-CORRELATED	0	0.0 %	1	0.5 %
PISTON	2,762	38.5 %	32	15.9 %
TURBO-PROP	1,162	16.2 %	37	18.4 %
UNKNOWN	314	4.4 %	3	1.5 %
RUN-UP	0	0.0 %	0	0.0 %

St Paul Downtown Holman Field (STP) - COMPLAINTS HEATMAP



Locations

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

Leaflet