



MEETING AGENDA

August 26, 2024

3 p.m.

Baytown Township Hall

4020 McDonald Dr N, Stillwater, MN 55082

1. Welcome and Introductions -Information
2. **Approval of Meeting Minutes for 5-20-2024 -Action**
3. Public Comment (3-min. per comment)
4. Community Spotlight
5. Airport User Spotlight
6. Airport Manager Update
7. Environment 101
8. Follow-up on Other Topics
9. Member Comment
10. Review Meeting Schedule
-Next meeting date: November 25, 2024
11. Adjourn

Unless otherwise noted, agenda topics are presented as information only.

For assistance with meeting accommodations, please contact:

Jennifer Lewis, MAC Community Relations Coordinator

Jennifer.lewis@mspmact.org or 612-725-6327

3275 Manning Avenue, Box 2, Lake Elmo, Minnesota 55042

Philip Tiedeman, MAC Airport Manager • Philip.Tiedeman@mspmact.org • 763-717-0001





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

Monday, May 20, 2024, 4:00 p.m.

Baytown Township Hall
4020 McDonald Drive North
Stillwater, MN 55082

The meeting started at 4:04 p.m. In attendance were:

Representatives: D. Chase, At-Large; B. Cornell, West Lakeland Township; D. Elder, Washington County; P. Evenson, EAA Chapter 54; M. Gunderson, EAA Chapter 54; M. Hanson, City of Bayport; G. Kreisel, Washington County; M. McComber, Oak Park Heights; C. Mueller, At-Large; L. Peterson, At-Large; N. Ruedy, Lake Elmo Aero; D. Selander, Lake Elmo Aero; C. Schroeder, Lake Elmo; D. Weiler, At-Large; R. Weyrauch, Baytown Township

MAC Staff: A. Hanson, Attorney; J. Harris, Director – Reliever Airports; J. Lewis, Community Relations Coordinator; D. Nelson, Director – Stakeholder Engagement; M. Ross, Manager – Community Relations; R. Skoog, Commissioner; P. Tiedeman, Airport Manager - Lake Elmo Airport; K. Verdeja, Administrative Specialist

Other: M. Appelt, D. Cornell, R. Dana, L. Kaschmitter, M. Kaschmitter, J. Kremer, D. McCann, J. McCann, M. Vierling, members of the public; S. Hanson, I. Malachi, airport users; C. Gardner, Metropolitan Council

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

1. Welcome and Introductions

Mary McComber, Co-Chair, called the meeting to order at 4:04 p.m. There were 35 participants. She asked attendees to sign in and fill out comment cards should they want to speak at the meeting.

2. Approval of Meeting Minutes for 2-26-2024

Chair McComber opened the discussion regarding approving the minutes from the February 26, 2024, commission meeting. She reviewed the purpose of the minutes.

Representative Cornell commented that the minutes need to reflect more information regarding the specific comments from the community and neighbors. He encouraged

discussion. Chair McComber agreed and added that more information should be in the minutes.

Representative Cornell asked that the minutes should be amended to reflect more information during public comments.

Michele Ross, Manager – Community Relations, offered options for the modified minutes.

Representative Evenson noted that the minutes should not be amended due to the length of time since the last meeting.

Chair McComber offered that the minutes going forward would reflect more information. After discussion, the commission agreed.

**Representative Hanson moved and Representative Evenson seconded to:
Approve the Minutes from the February 26, 2024 meeting as published.**

The motion passed by unanimous vote.

3. Public Comment Period

Chair McComber introduced the public comment period and reminded attendees of the ground rules for public comment.

Diane McGann, Baytown Resident, expressed concern over the number of low flights over her home. She recommended that the training school take its training elsewhere.

Laura Kaschmitter, West Lakeland Resident, also expressed concern regarding the amount of aircraft noise at her home.

Jim McCann, Baytown Resident, asked for more information regarding the requirements of the flight school during inclement weather.

Mick Kaschmitter, West Lakeland Resident, asked what is being done regarding all of the community concerns and complaints.

Israel Malachi, Airport User, made clarifying comments about what is required for pilots to obtain and keep their licenses current.

4. Bylaws Update

Jennifer Lewis, Technical Advisor, reviewed the proposed changes to the Lake Elmo Airport Advisory Commission (LEAAC) Bylaws. **Ms. Lewis** explained that Article I was updated to clarify the voluntary nature of membership. Article III was modified to standardize all membership terms and to clarify the Fixed Based Operator. **Ms. Lewis** also noted that an update was made to Article V to standardize and clarify the role of Co-Chairs to specify agenda planning, special meetings and

subcommittees. Lastly, she explained the modifications to Article VI to correct a missing footnote and typographical errors.

There was a discussion regarding the definition of appointment. **Ms. Lewis** helped to explain the definition of appointment.

Andrew Hanson, MAC Attorney, explained why the LEAAC is not subject to the open meeting laws.

Michele Ross, Manager – Community Relations, responded to a question from **Representative Cornell** regarding the level of authority that the commission has.

**Representative Cornell moved and Representative Ruedy seconded to:
Approve the Bylaws and the staff proposed amendments.**

The motion passed by majority vote.

5. Community Spotlight

Chair McComber introduced **Representative Rick Weyrauch**, a Baytown Supervisor. **Representative Weyrauch** reviewed the history of Baytown Township, and showed a book of the town meeting minutes and a historical map of the township. He noted that people often don't realize where Baytown is located. **Representative Weyrauch** noted that there are still agricultural lands and recreational lands. He offered some websites and contact information for the township: www.baytownmn.org, clerk@baytownmn.org, rick.weyrauch@baytonmn.org

6. Community Spotlight

Co-Chair Luke Peterson introduced **Zach**, a pilot at 21D. **Zach** flies throughout the year and enjoys the tight-knit community of pilots. Zach earned his private pilot's license as a freshman in college. When **Zach** isn't up flying the tailwheel conversion C172 pictured, he is out flying the red Pitts biplane. **Zach** now holds instrument and commercial ratings and is just completing his certified flight instructor certificate.

7. Sound Monitoring Scope

Michele Ross, Manager - Community Relations at the MAC, reviewed the scope of the 21D Sound Monitoring Study. She noted that the study's scope will have three locations for seven continuous days. She also explained that during the same time period, they will incorporate modeling, which is software approved by the Federal Aviation Administration (FAA). She explained what the sound monitoring study will and will not be able to do.

Ms. Ross responded to **Representative Cornell's** inquiry regarding the locations used for the sound study. She also responded to **Representative Weyrauch's** inquiry regarding the locations of the sound study in comparison to the last study since the runway has changed.

Representative Hanson asked for more information on what is measured versus modeling in a sound study. **Ms. Ross** explained some of the actions that the study cannot do based on federal mandates.

Representative Evenson asked if there are sound studies at other reliever airports that can help put information into context. **Ms. Ross** noted that St. Paul Downtown Airport is the only other reliever airport that conducts these studies on a regular basis. She offered to share the 65 dB DNL contour from other reliever airports.

Representative Cornell asked how the study would help MAC address and resolve the noise complaints. **Ms. Ross** explained that the complaints received are used for analysis and provide valuable feedback. MAC is responsible for developing the 65 dB DNL contour and home sound mitigation.

Representative Schroeder asked what method of averaging is used for sound analysis.

Representative Hanson asked if there was a metric for operational frequency. **Ms. Ross** clarified that the FAA is currently revisiting its noise standards, but there is no metric for operational frequency currently.

8. Airport Manager Update

Philip Tiedemann, Manager – Lake Elmo Airport, reviewed the upcoming construction and maintenance surrounding the North Service Road. He also noted that **Brad Latvala, Field Maintenance at the airport**, has decided to retire.

Mr. Tiedemann responded to **Co-Chair Peterson's** inquiry that there would be no anticipated runway closures due to the upcoming construction.

Michele Ross, Manager – Customer Relations, reviewed the historical aircraft operations trend for 1980-2023. She noted a national increase in flight schools due to the shortage of pilots across the country. She also reviewed the Q1 2023 and 2024 Runway Use Trend. She noted a 16% increase in the use of Runway 32, for both arrivals and departures, in the first quarter of 2024. **Ms. Ross** reviewed the 2023 and 2024 Q1 Wind Roses. She defined a wind rose. She shared an example of the wind rose when the use of Runway 32 is not recommended.

Q1 2024 Aircraft Operations and Noise Complaint Trends

Ms. Ross reviewed the process by which complaints are taken at the Metropolitan Airports Commission regarding aircraft. She stated that there were 7,259 noise complaints from 19 locations and 66 nighttime complaints from eight nighttime locations in Q1 2024. During the quarter, 10,272 operations and 24 nighttime operations were recorded for Lake Elmo Airport.

9. Follow-up Items

Phil Tiedemann, Manager at Lake Elmo Airport, reviewed the topic of aviation fuel, which was discussed at a previous meeting. He noted that MAC supports the FAA and industry leaders in finding a suitable replacement for 100LL and reviewed the three current products available.

Jennifer Lewis, Technical Advisor, reviewed the Noise Abatement Recommended Practices Outreach. She noted how the MAC created the Fly Neighborly Guide and a Fly Neighborly Zone for pilots to easily reference the Noise Abatement Recommended Practices. The Fly Neighborly Guide and Zone are displayed for pilots through custom content used in ForeFlight, which is an electronic navigation and flight planning tool. Lewis also explained other efforts the MAC is taking to share the Noise Abatement Recommended Practices and Fly Neighborly Guide through the tenant newsletter, airfield signage, and a message on the Automated Weather Observation System (AWOS). Other communications are in process and will take place throughout the summer to promote the use of the Noise Abatement Recommended Practices.

10. Member Comments

Chair McComber introduced the member comment period.

Representative Hanson shared her frustration with the lack of answers regarding the number of complaints.

Representative Cornell noted there were eight aircraft that were flying during nighttime hours consistently in the first quarter. He commented that the Noise Abatement was approved and the repetitive activity has continued since then. He also expressed concern about the altitude of aircraft and noted noise is continuous in excess of 65 decibels every day.

Representative Chase noted that he adjusted his flights to land on Runway 32 when possible.

Representative Evenson commented on the aircraft operating altitude and noted noise levels.

Representative Ruedy thanked everyone for communicating the Flying Neighborly Guide.

11. Review LEAAC Meeting Schedule

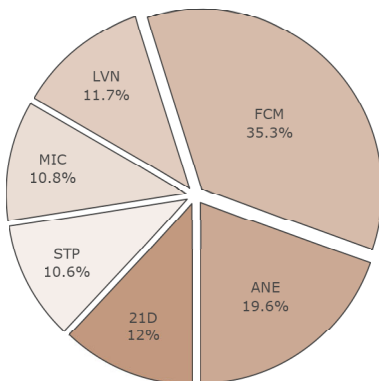
Chair McComber announced that the next LEAAC meetings are scheduled for August 26, and November 25, 2024, at the same location to start at 4:00 p.m.

The meeting was adjourned at 5:28 p.m.

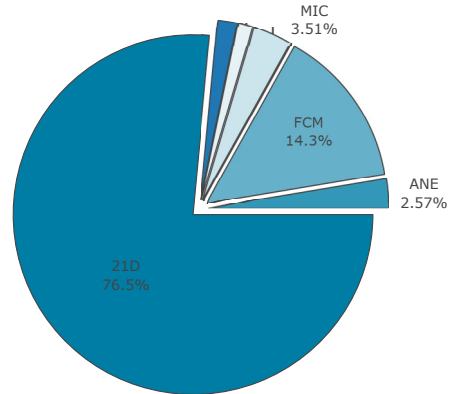
Metropolitan Airports Commission (MAC) Reliever Airport Operations and Noise Complaint Report



AIRCRAFT OPERATIONS



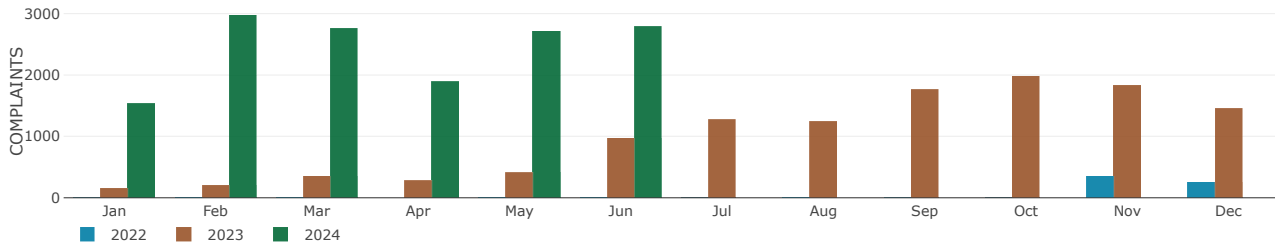
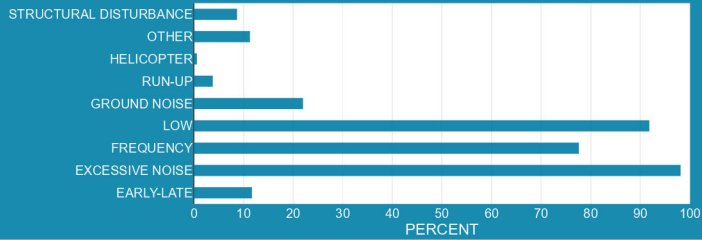
NOISE COMPLAINTS



COMPLAINTS

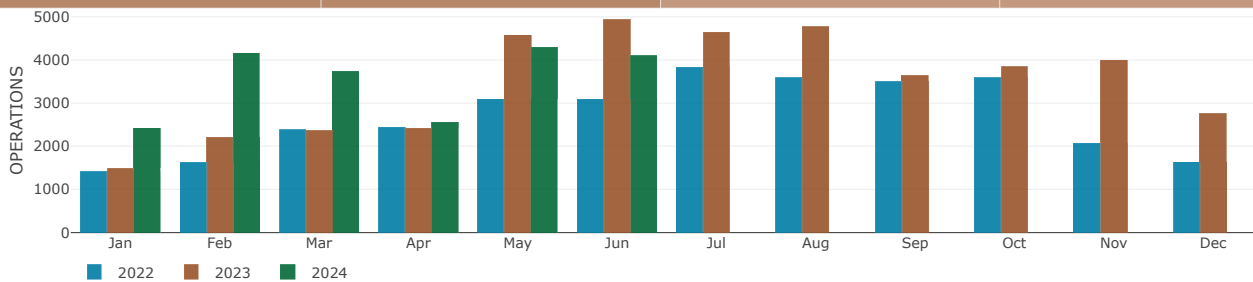
2024	7,398 COMPLAINTS	22 LOCATIONS	393 NIGHTTIME COMPLAINTS	11 NIGHTTIME HOUSEHOLDS
2023	1,661 COMPLAINTS	11 LOCATIONS	40 NIGHTTIME COMPLAINTS	5 NIGHTTIME HOUSEHOLDS

COMPLAINT DESCRIPTORS



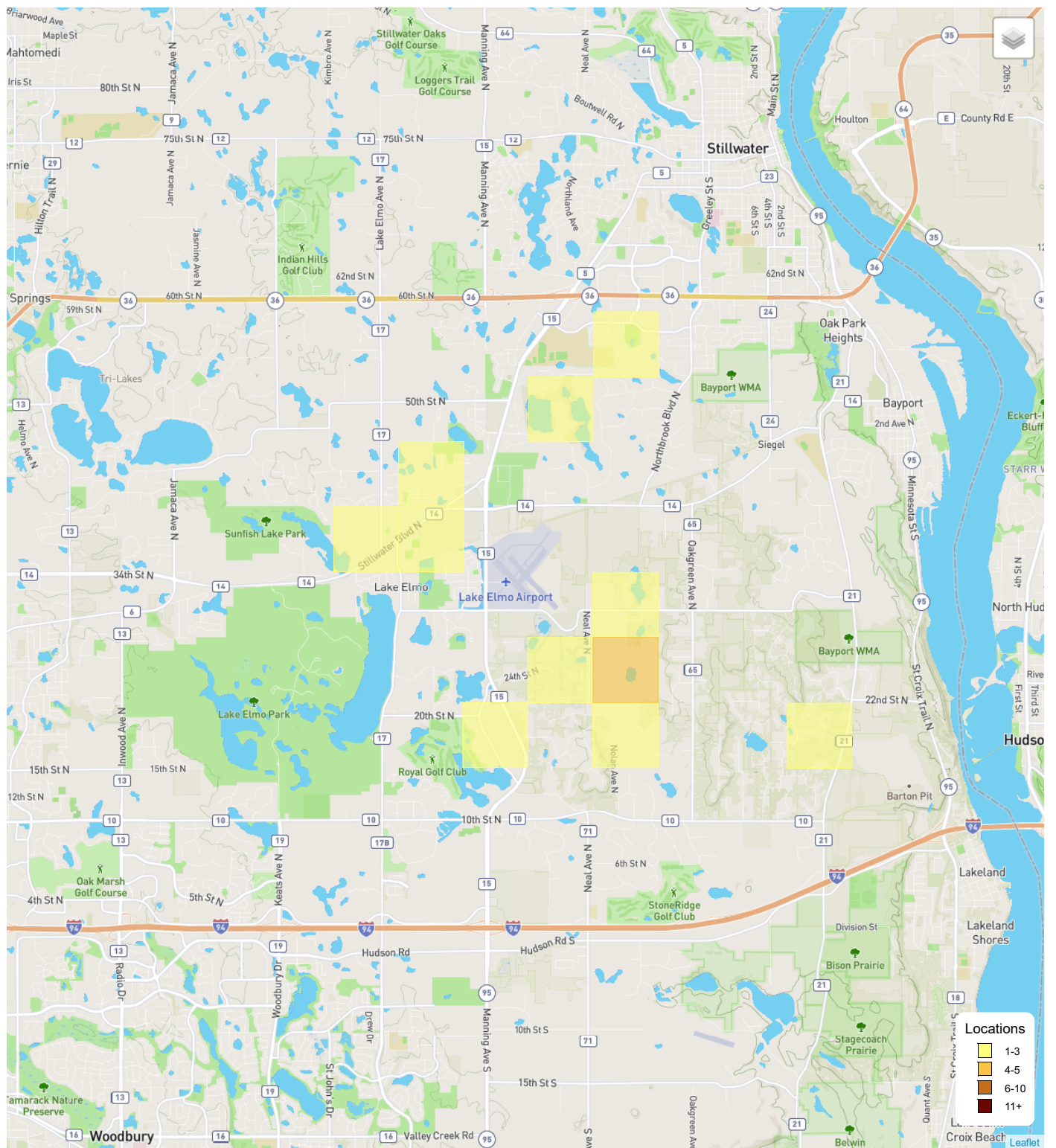
OPERATIONS

2024		2023	
10,945 OPERATIONS	201 NIGHTTIME OPERATIONS	11,920 OPERATIONS	252 NIGHTTIME OPERATIONS



AIRCRAFT TYPE	OPERATIONS	%	COMPLAINTS	%
JET	5	0.0 %	34	0.5 %
HELICOPTER	67	0.6 %	48	0.6 %
NOT-CORRELATED	0	0.0 %	2	0.0 %
PISTON	10,483	95.8 %	7,186	97.1 %
TURBO-PROP	42	0.4 %	44	0.6 %
UNKNOWN	348	3.2 %	84	1.1 %
RUN-UP	0	0.0 %	0	0.0 %

Lake Elmo Airport (21D) - COMPLAINTS HEATMAP



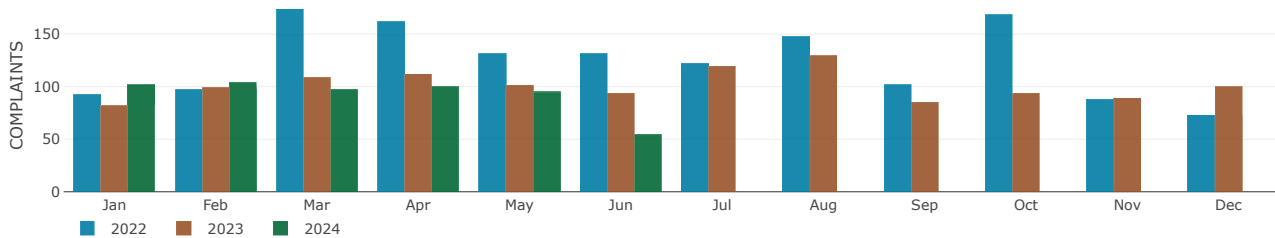
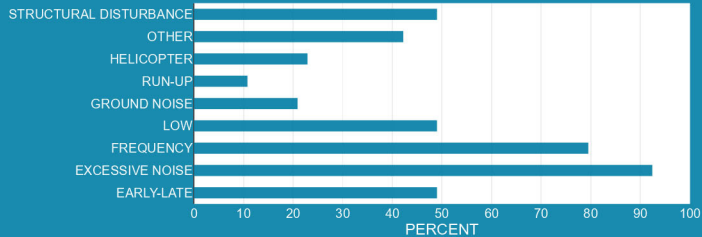
Anoka County-Blaine (Janes Field) Airport (ANE)

2ND QUARTER 2024

COMPLAINTS

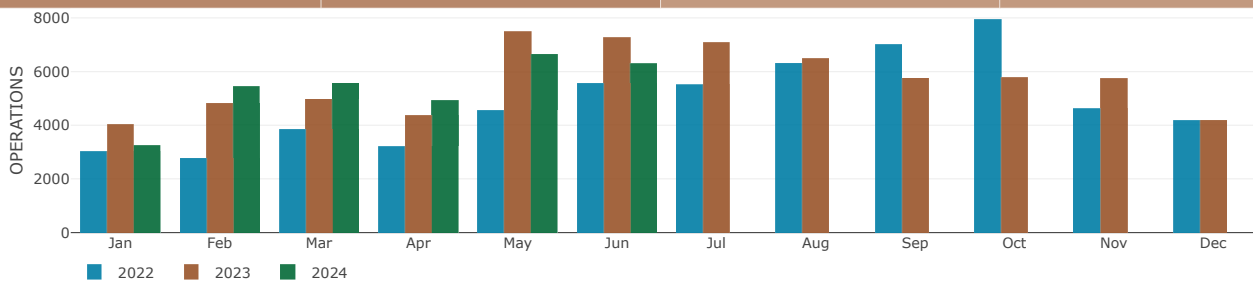
2024	249 COMPLAINTS	17 LOCATIONS	90 NIGHTTIME COMPLAINTS	8 NIGHTTIME HOUSEHOLDS
2023	307 COMPLAINTS	12 LOCATIONS	85 NIGHTTIME COMPLAINTS	5 NIGHTTIME HOUSEHOLDS

COMPLAINT DESCRIPTORS



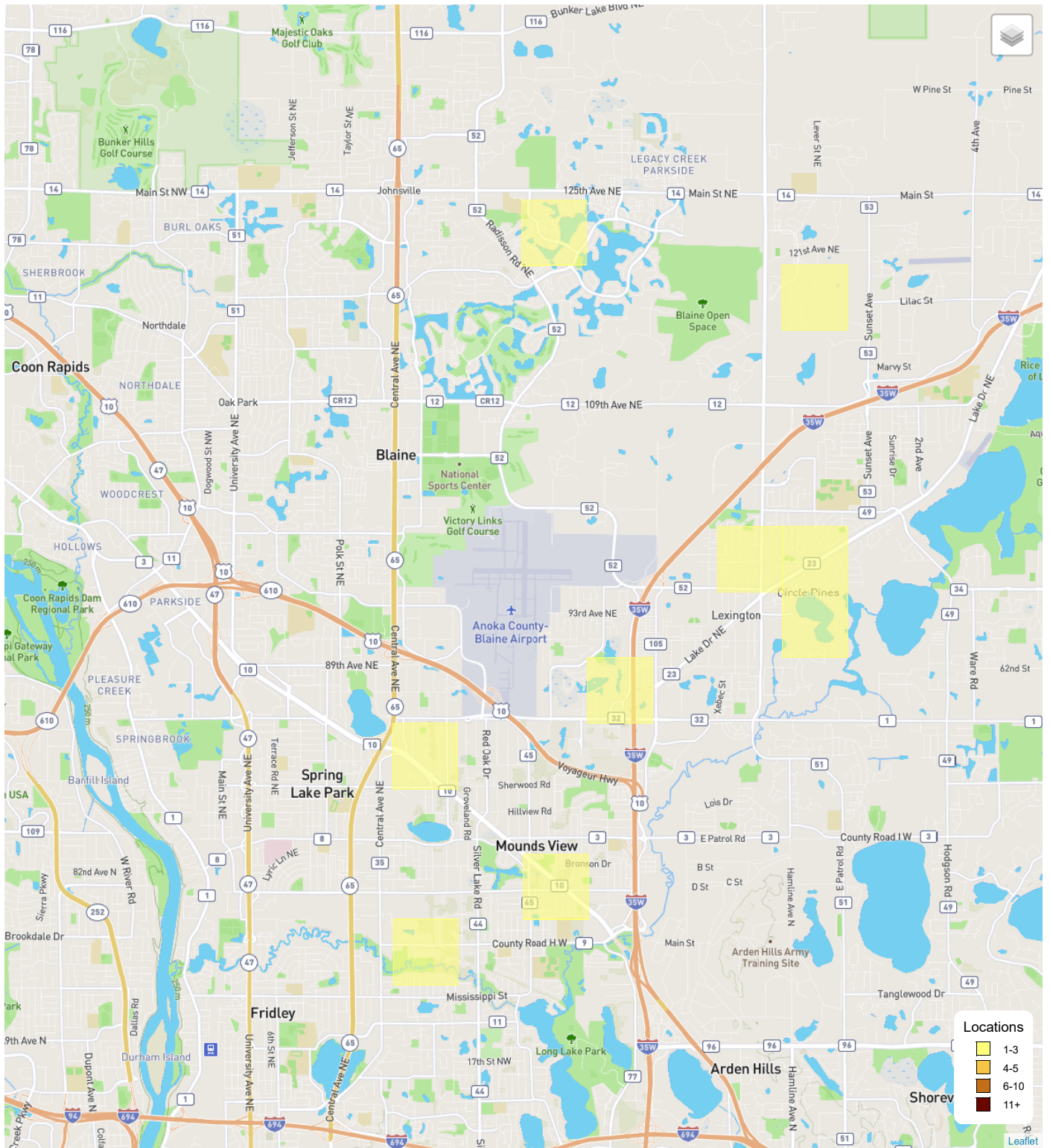
OPERATIONS

2024		2023	
17,878 OPERATIONS	1,372 NIGHTTIME OPERATIONS	19,088 OPERATIONS	1,584 NIGHTTIME OPERATIONS



AIRCRAFT TYPE	OPERATIONS	%	COMPLAINTS	%
JET	565	3.2 %	27	10.8 %
HELICOPTER	980	5.5 %	54	21.7 %
NOT-CORRELATED	0	0.0 %	1	0.4 %
PISTON	15,371	86.0 %	133	53.4 %
TURBO-PROP	841	4.7 %	30	12.0 %
UNKNOWN	110	0.6 %	4	1.6 %
MILITARY	11	0.1 %	0	0.0 %

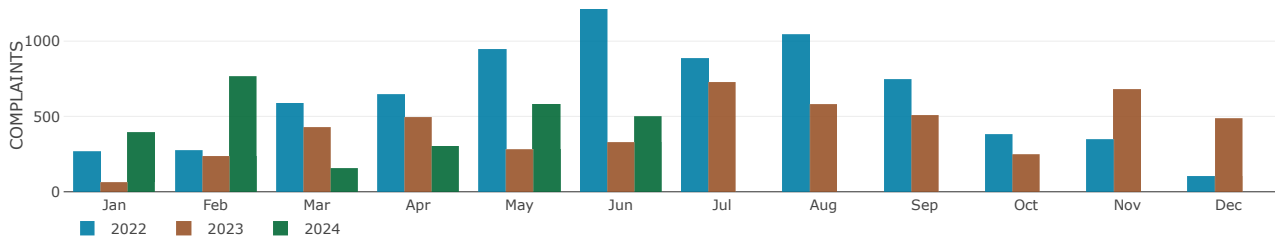
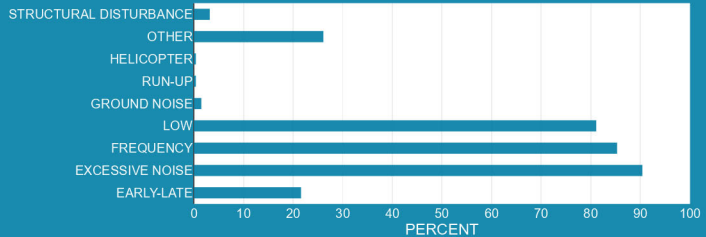
Anoka County-Blaine (Janes Field) Airport (ANE) - COMPLAINTS HEATMAP



COMPLAINTS

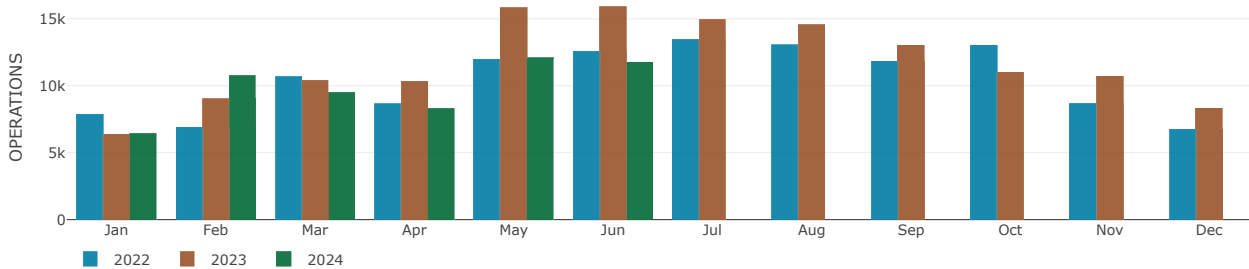
2024	1,385 COMPLAINTS	44 LOCATIONS	274 NIGHTTIME COMPLAINTS	28 NIGHTTIME HOUSEHOLDS
2023	1,097 COMPLAINTS	56 LOCATIONS	215 NIGHTTIME COMPLAINTS	35 NIGHTTIME HOUSEHOLDS

COMPLAINT DESCRIPTORS



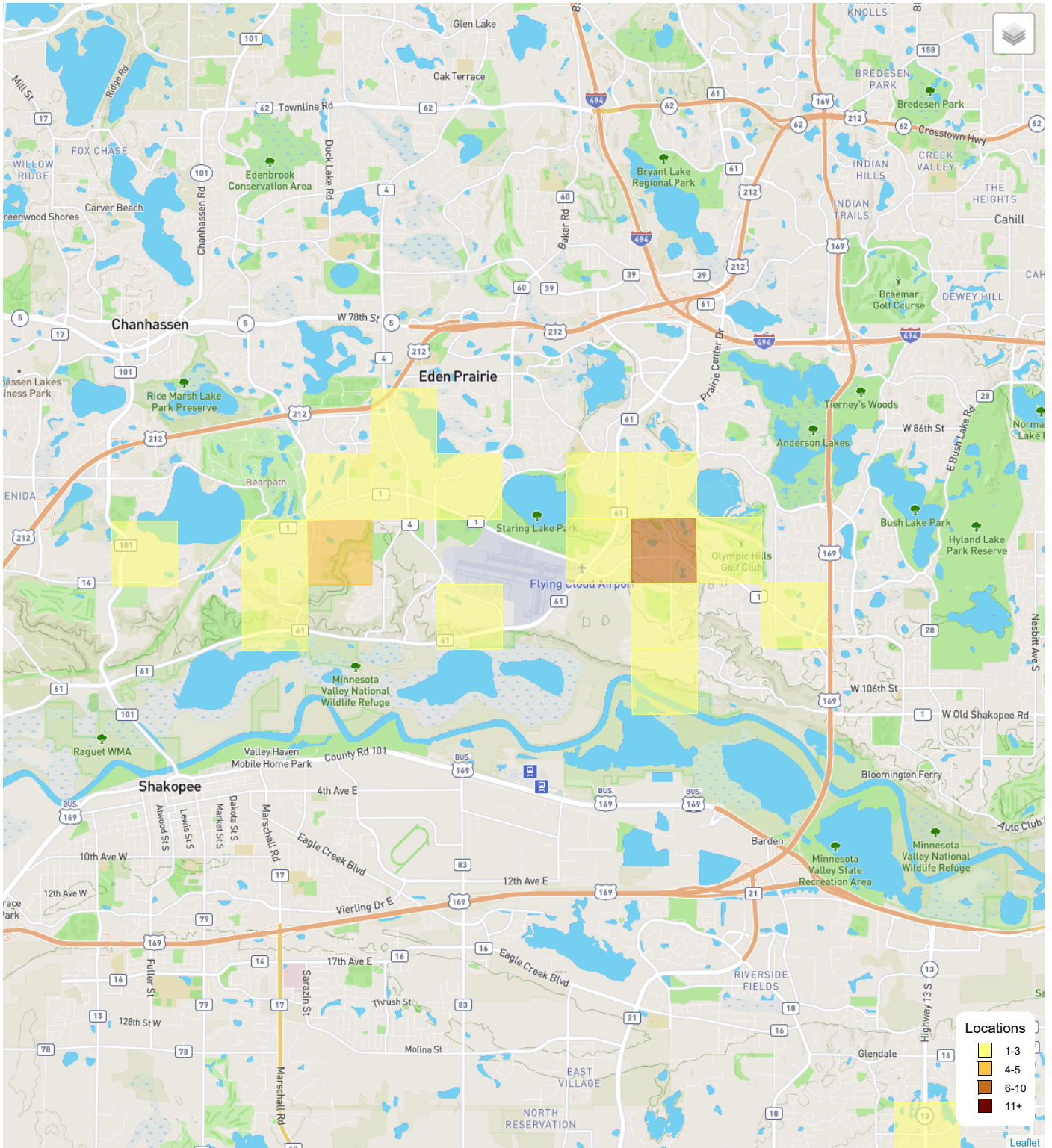
OPERATIONS

2024		2023	
32,178 OPERATIONS	1,829 NIGHTTIME OPERATIONS	42,046 OPERATIONS	2,602 NIGHTTIME OPERATIONS



AIRCRAFT TYPE	OPERATIONS	%	COMPLAINTS	%
JET	3,089	9.6 %	215	15.5 %
HELICOPTER	733	2.3 %	10	0.7 %
NOT-CORRELATED	0	0.0 %	1	0.1 %
PISTON	26,541	82.5 %	1,058	76.4 %
TURBO-PROP	1,798	5.6 %	101	7.3 %
UNKNOWN	17	0.1 %	0	0.0 %
RUN-UP	0	0.0 %	0	0.0 %

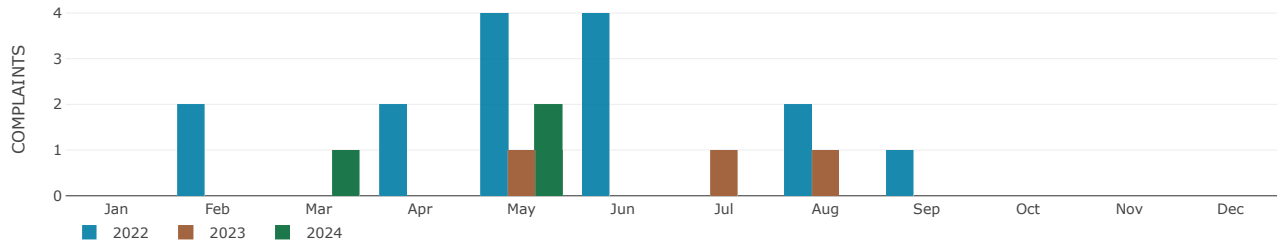
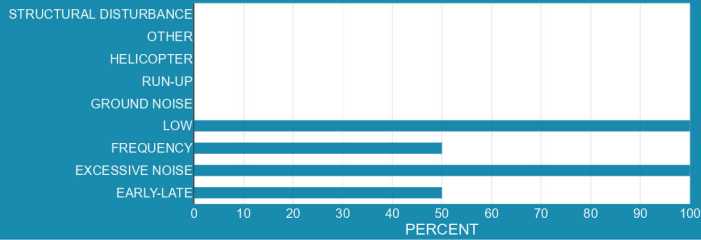
Flying Cloud Airport (FCM) - COMPLAINTS HEATMAP



COMPLAINTS

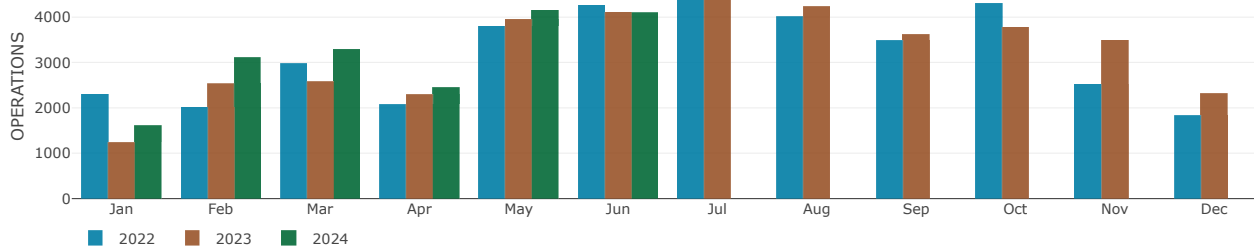
2024	2 COMPLAINTS	2 LOCATIONS	0 NIGHTTIME COMPLAINTS	0 NIGHTTIME HOUSEHOLDS
2023	1 COMPLAINTS	1 LOCATIONS	0 NIGHTTIME COMPLAINTS	0 NIGHTTIME HOUSEHOLDS

COMPLAINT DESCRIPTORS



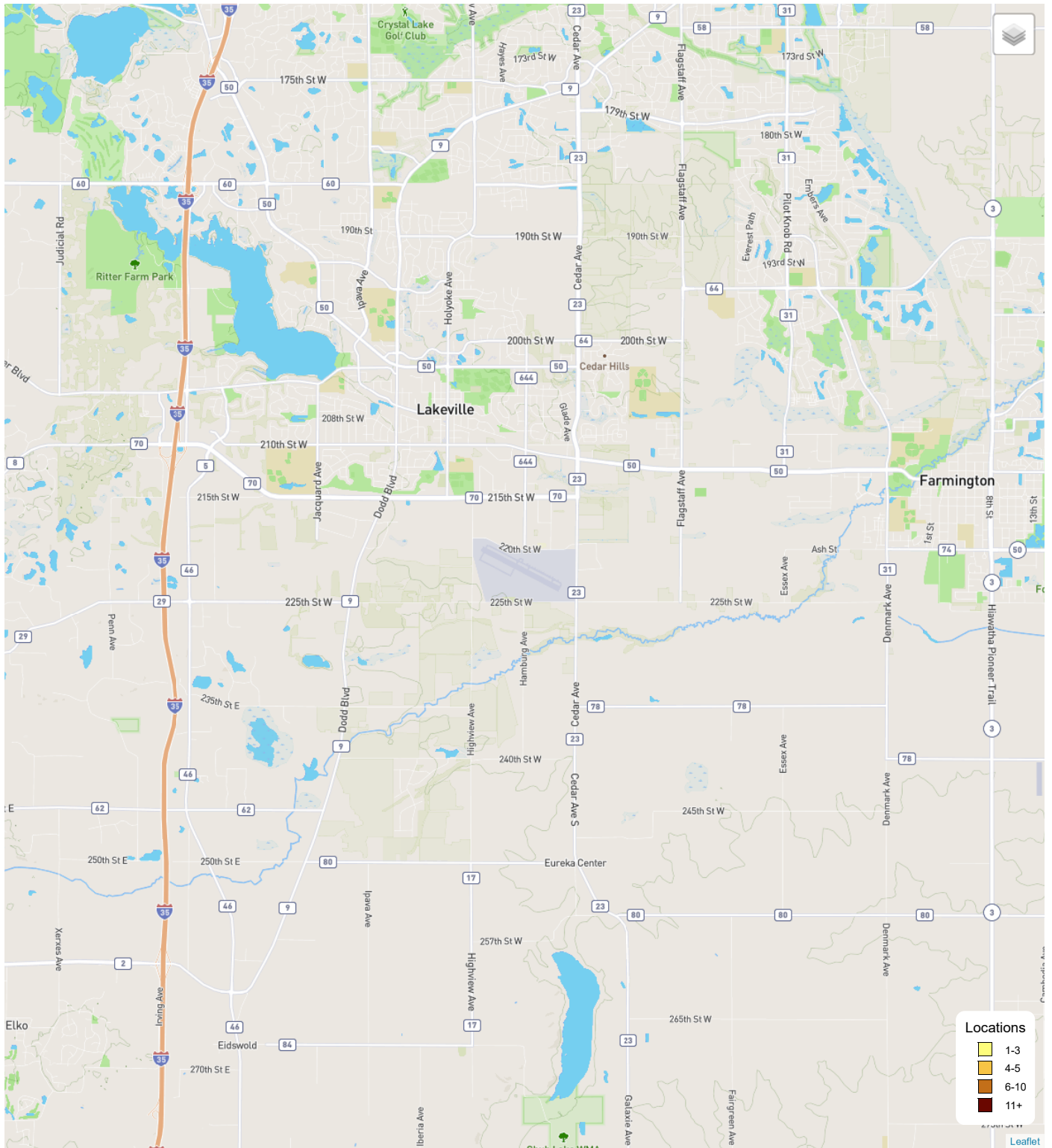
OPERATIONS

2024		2023	
10,696 OPERATIONS	340 NIGHTTIME OPERATIONS	10,336 OPERATIONS	351 NIGHTTIME OPERATIONS



AIRCRAFT TYPE	OPERATIONS	%	COMPLAINTS	%
PISTON	10,387	97.1 %	2	100.0 %
HELICOPTER	128	1.2 %	0	0.0 %
JET	31	0.3 %	0	0.0 %
TURBO-PROP	71	0.7 %	0	0.0 %
UNKNOWN	79	0.7 %	0	0.0 %
RUN-UP	0	0.0 %	0	0.0 %

Airlake Airport (LVN) - COMPLAINTS HEATMAP



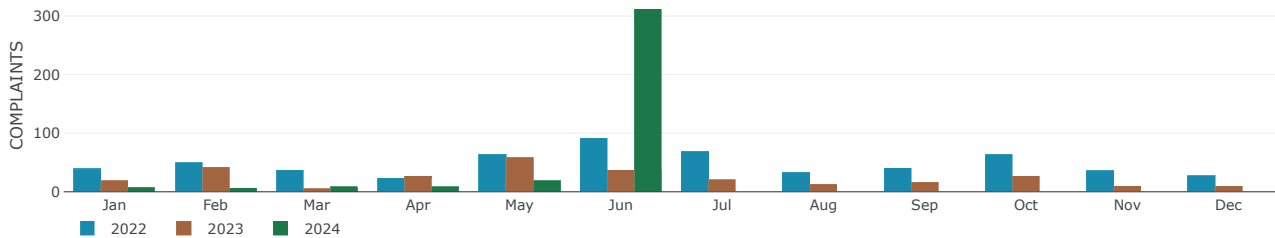
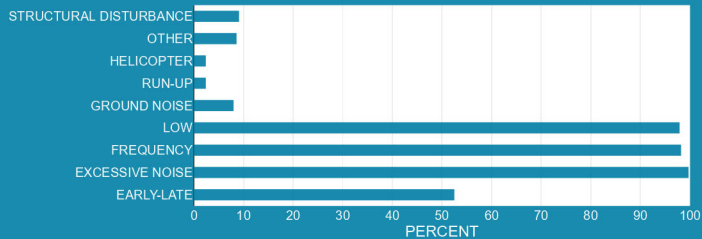
Locations

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

COMPLAINTS

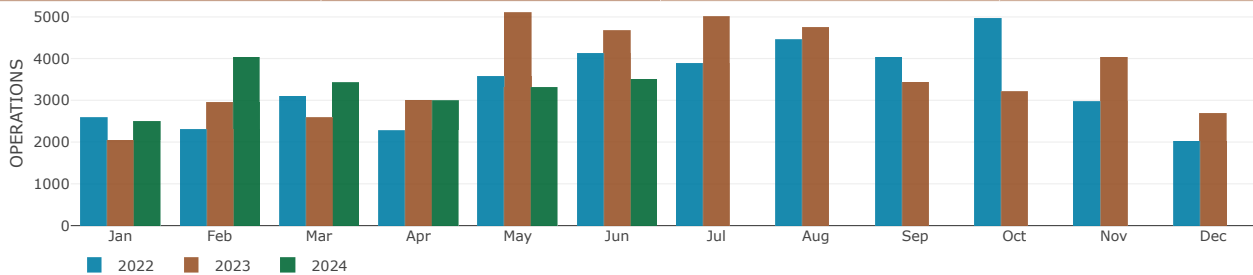
2024	339 COMPLAINTS	7 LOCATIONS	27 NIGHTTIME COMPLAINTS	3 NIGHTTIME HOUSEHOLDS
2023	121 COMPLAINTS	7 LOCATIONS	7 NIGHTTIME COMPLAINTS	5 NIGHTTIME HOUSEHOLDS

COMPLAINT DESCRIPTORS



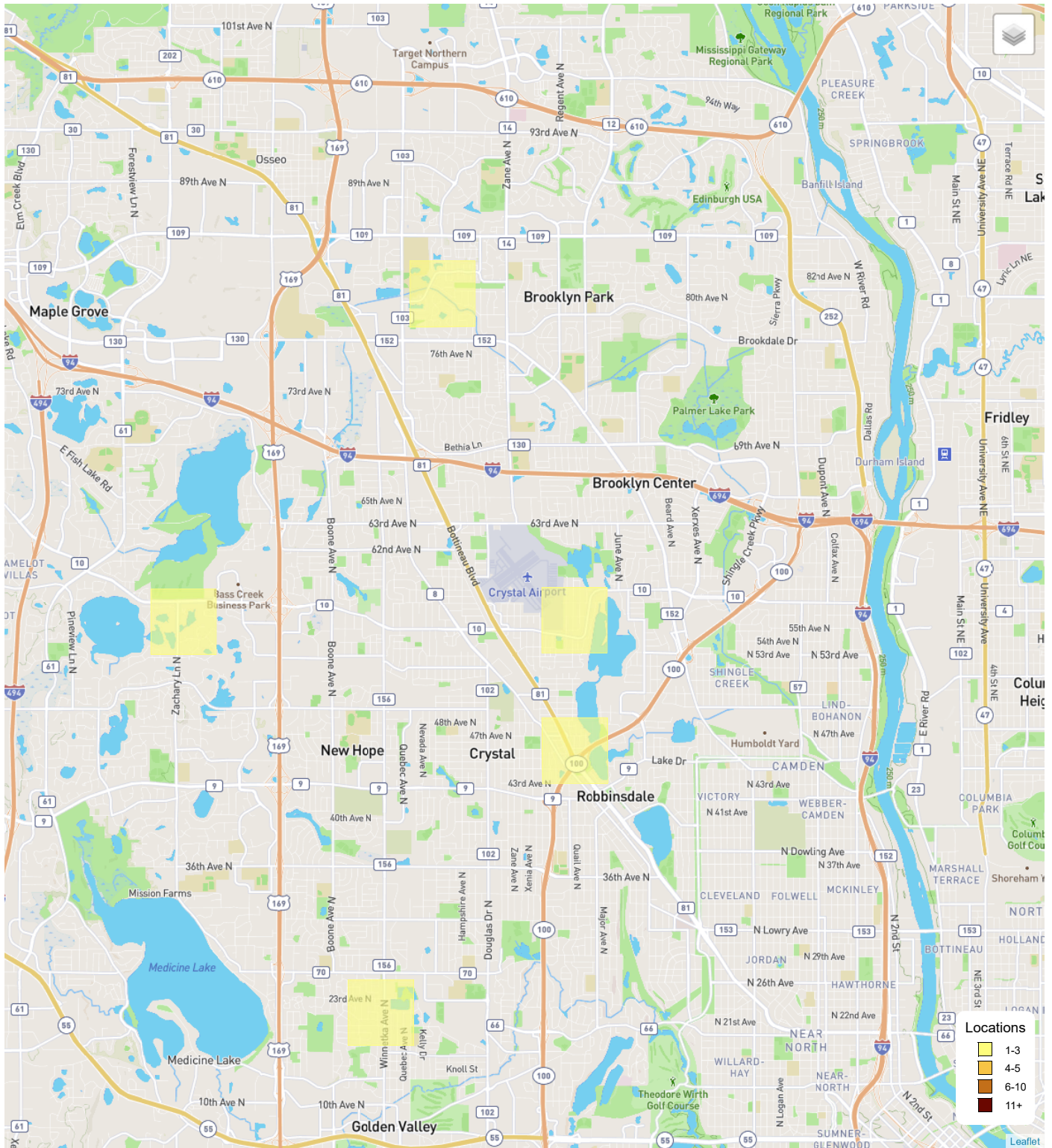
OPERATIONS

2024		2023	
9,816 OPERATIONS	391 NIGHTTIME OPERATIONS	12,783 OPERATIONS	377 NIGHTTIME OPERATIONS



AIRCRAFT TYPE	OPERATIONS	%	COMPLAINTS	%
JET	0	0.0 %	2	0.6 %
HELICOPTER	412	4.2 %	6	1.8 %
PISTON	9,317	94.9 %	331	97.6 %
TURBO-PROP	33	0.3 %	0	0.0 %
UNKNOWN	54	0.6 %	0	0.0 %
RUN-UP	0	0.0 %	0	0.0 %

Crystal Airport (MIC) - COMPLAINTS HEATMAP



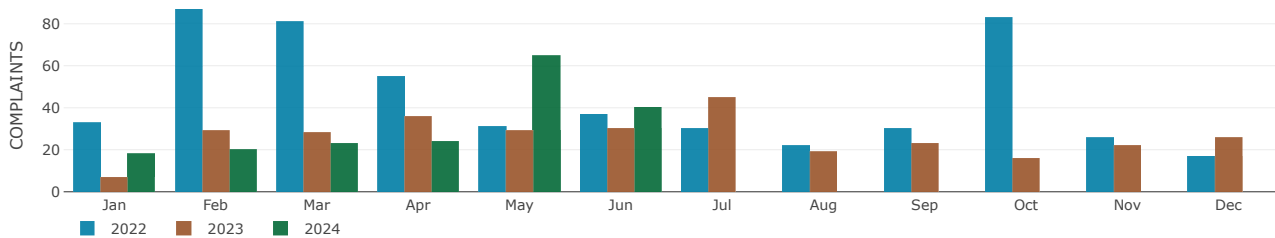
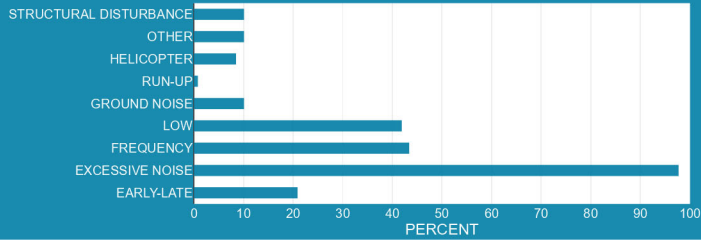
St Paul Downtown Holman Field (STP)

2ND QUARTER 2024

COMPLAINTS

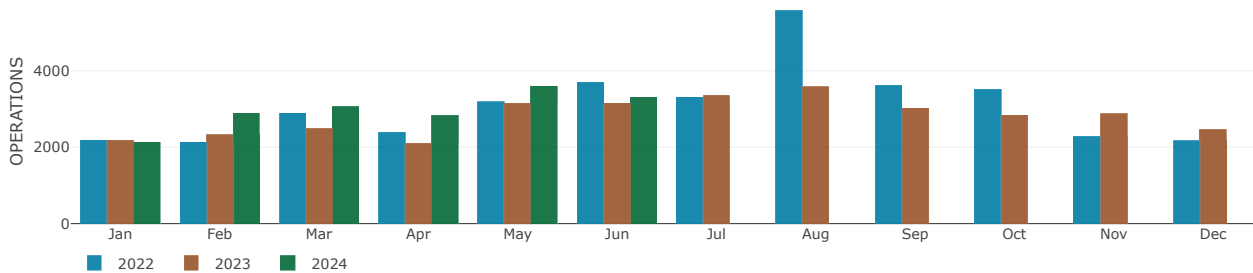
2024	129 COMPLAINTS	18 LOCATIONS	23 NIGHTTIME COMPLAINTS	6 NIGHTTIME HOUSEHOLDS
2023	95 COMPLAINTS	16 LOCATIONS	44 NIGHTTIME COMPLAINTS	7 NIGHTTIME HOUSEHOLDS

COMPLAINT DESCRIPTORS



OPERATIONS

2024		2023	
9,701 OPERATIONS	930 NIGHTTIME OPERATIONS	8,385 OPERATIONS	716 NIGHTTIME OPERATIONS



AIRCRAFT TYPE	OPERATIONS	%	COMPLAINTS	%
JET	2,849	29.4 %	45	34.9 %
HELICOPTER	1,068	11.0 %	14	10.9 %
MILITARY	0	0.0 %	2	1.6 %
NOT-CORRELATED	0	0.0 %	1	0.8 %
PISTON	4,633	47.8 %	47	36.4 %
TURBO-PROP	1,123	11.6 %	18	14.0 %
UNKNOWN	28	0.3 %	2	1.6 %

St Paul Downtown Holman Field (STP) - COMPLAINTS HEATMAP

