

Saint Paul Downtown Airport



Regular Meeting

October 17, 2023



This meeting is being recorded.

Please remember to mute yourself when you are not speaking.

DAAC Goal and Purpose

GOAL:

This Council is formed to further the general welfare of the community and the Saint Paul Downtown Airport - Holman Field, a public airport in the City of Saint Paul, County of Ramsey, State of Minnesota, through minimizing or resolving problems created by the operation of the airport and aircraft.

PURPOSE:

- 1) To advise the Metropolitan Airports Commission (MAC) on future airport use and development.
- 2) To study and evaluate complaints and problems concerning the airport and aircraft operations.
- 3) To propose and promote reasonable and effective methods to minimize or resolve problems arising from and connected with aircraft operations and the airport.
- 4) To disseminate information to the affected communities, neighborhoods and users of the airport.
- 5) To bring information from the affected communities, neighborhoods and users of the airport back to the MAC

Agenda

1. Introductions
2. Approval of Meeting Minutes (4/18/2023)
3. Public Comment (up to 3 min. each speaker)
4. Recognition
5. Airport Manager Update
6. Aircraft Operations & Noise Complaints Summary and Trend Q3 2023
7. Annual Sound Study
8. Membership Renewal
9. Member Feedback and Reflection
10. Set Next Meeting Dates

Membership

Airport User Representatives	Public Representatives	Government Representatives
Glenn Weibel – Chair	Jon Fure – Vice Chair (DC17)	Noel Nix
Mark Swedenborg	Gary Brown (DC4)	Andrew Wall
Tom Rehkamp	Damien Schaab (DC5)	David Napier
Kyle Schmaltz	Gjerry Berquist (DC3)	
Larry Gregg		
David Wagner		
Jon Dietman		
Lane Hinsperger		

Action Item



Approval of Meeting Minutes for DAAC Meeting April 18, 2023



Public Comment

**Please state your name
and address for the
record, and share your
remarks within a
timeframe of 3 minutes**



Recognition

DAAC Recognition & Accomplishments

We Convened:

April 19, 2022
October 18, 2022
April 18, 2023
October 17, 2023



We Accomplished:

- STP Annual Sound Studies: 2022 & 2023
- Received updates on aircraft noise complaints and aircraft operations data
- Airport Tour: 2022
- Tenant Highlights
- Airport Updates: included airfield developments and planning overviews
- **Presentation to MAC Board: 12-17-2023**

Holman's
TABLE



STP Airport Update



Aircraft Operations and Noise Complaints Summary and Trend Q3 2023



Aircraft Operations & Noise Complaints

Home

STP

FCM

ANE

MIC

LVN

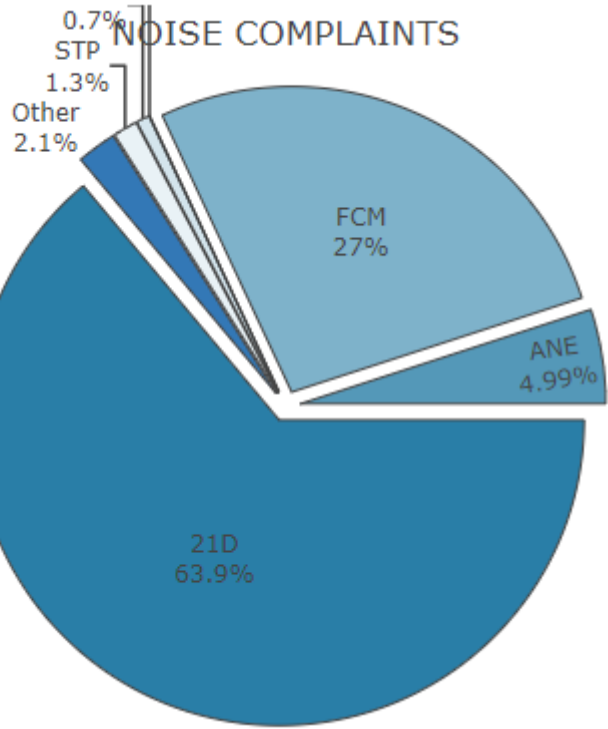
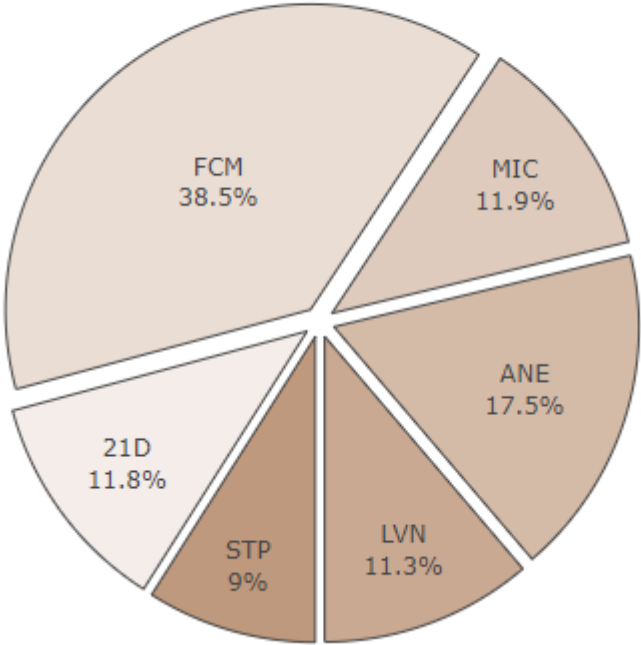
21D

MAC Reliever Interactive Reports



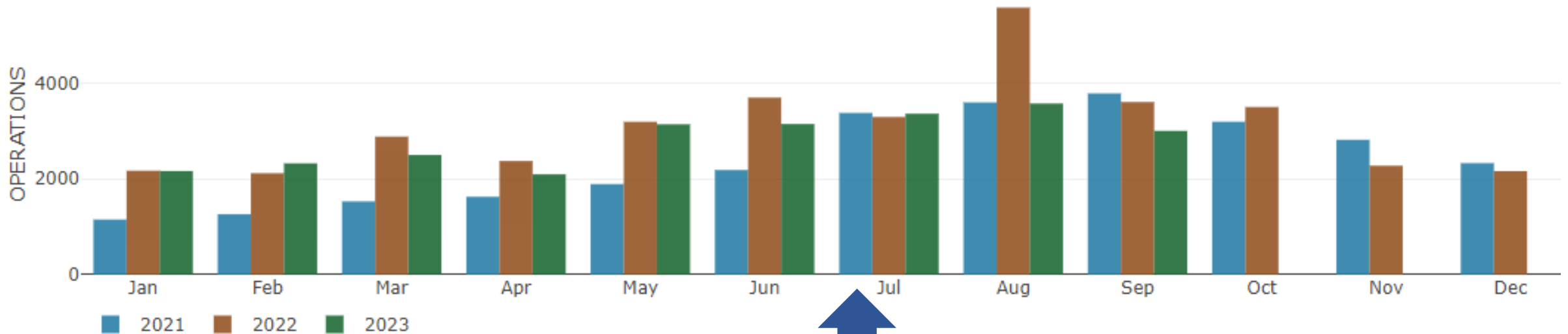
MAC Reliever Airport Comparison Q3 2023

AIRCRAFT OPERATIONS



STP Aircraft Operations*

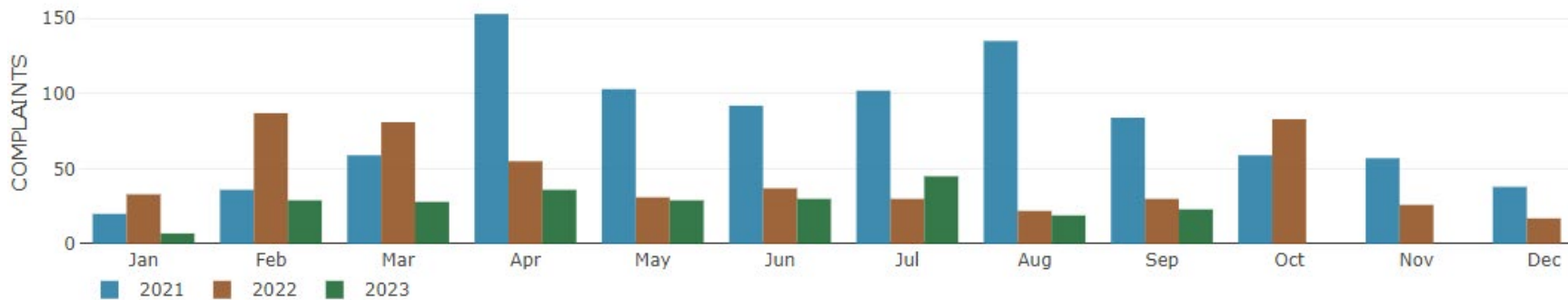
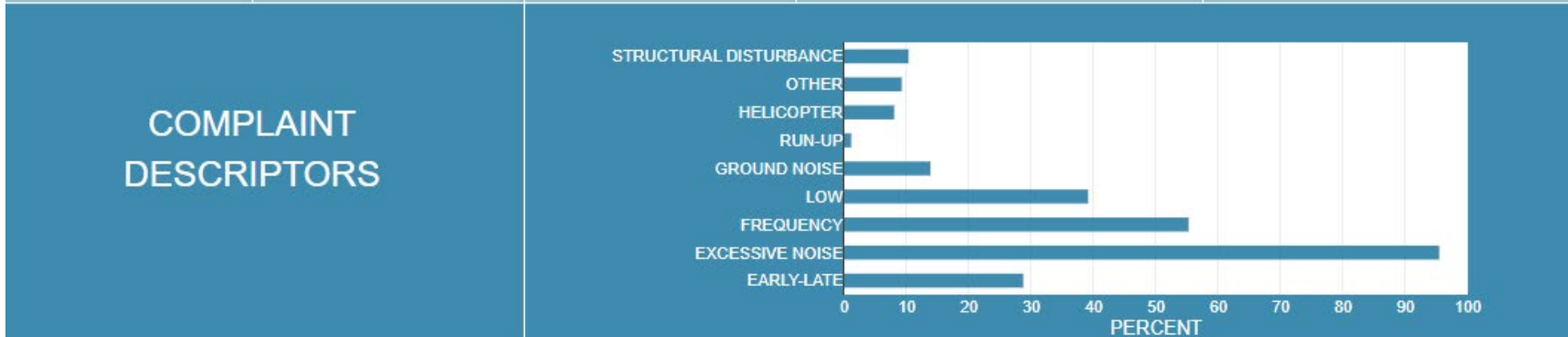
2023		2022	
9941 OPERATIONS	696 NIGHTTIME OPERATIONS	12477 OPERATIONS	798 NIGHTTIME OPERATIONS



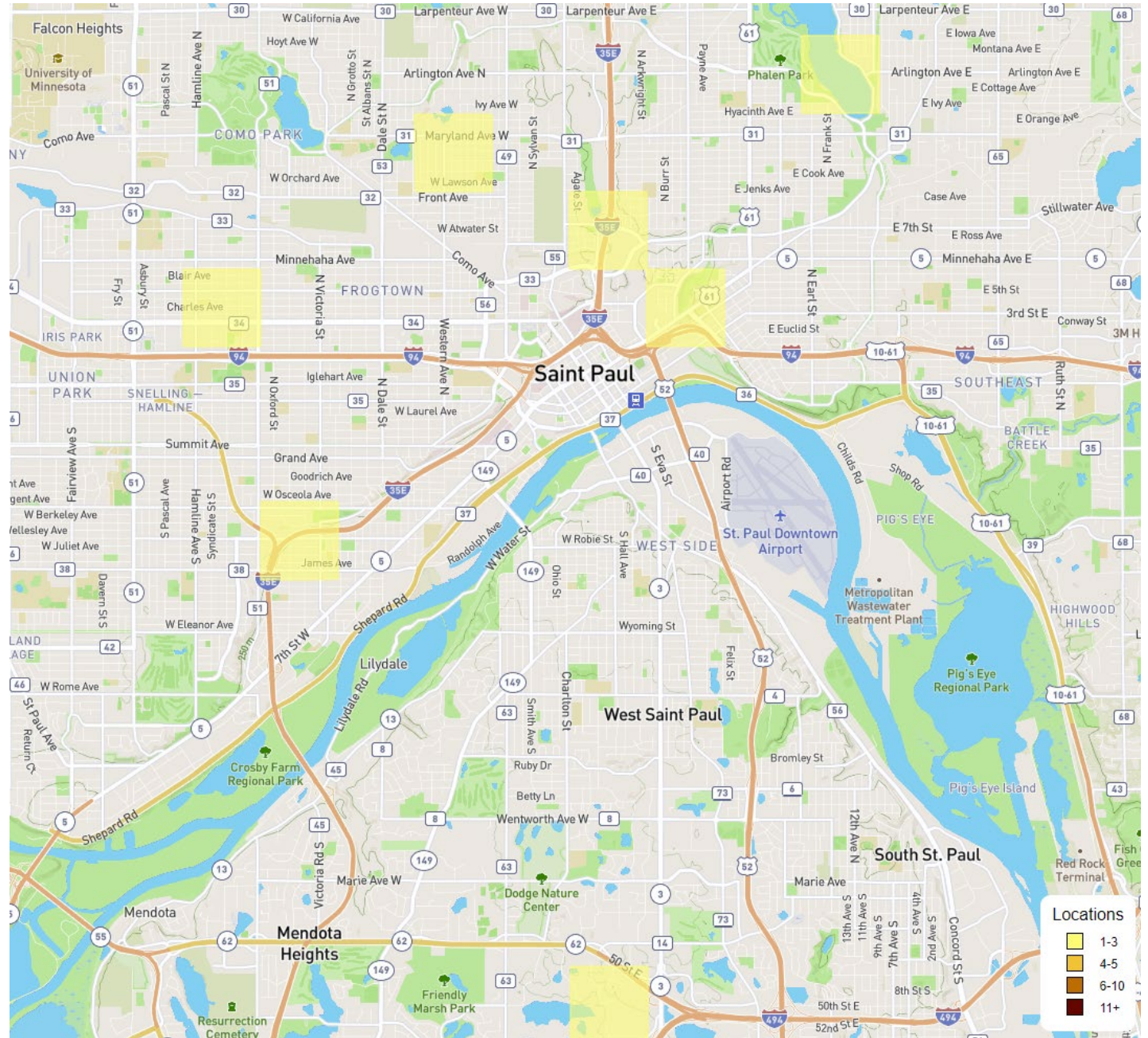
* Beginning on July 1, 2021, MACNOMS methodology for counting operations was updated to more accurately reflect total aircraft departures and arrivals at MAC airports.

STP Noise Complaints Overview

2023	87 COMPLAINTS	14 LOCATIONS	19 NIGHTTIME COMPLAINTS	8 NIGHTTIME HOUSEHOLDS
2022	82 COMPLAINTS	21 LOCATIONS	24 NIGHTTIME COMPLAINTS	9 NIGHTTIME HOUSEHOLDS



STP Noise Complaints Locations Q3 2023



STP Noise Complaints Overview

AIRCRAFT TYPE	OPERATIONS	%	COMPLAINTS	%
JET	2,897	29.1 %	66	75.9 %
HELICOPTER	734	7.4 %	4	4.6 %
PISTON	4,749	47.8 %	6	6.9 %
TURBO-PROP	1,349	13.6 %	8	9.2 %
UNKNOWN	212	2.1 %	3	3.4 %
RUN-UP	0	0.0 %	0	0.0 %

Information Item

STP Sound Study



STP Sound Study

August 13-19, 2023

- The purpose of the study is to measure sounds associated with aircraft activity at St. Paul Downtown Airport (STP)
- MAC conducts an annual study in accordance with the commitments of the Supplemental Conditions of Agreement for the airport floodwall
- Each study involves analysis of seven consecutive days of STP flight activity
- Studies have been conducted each year since 2007
- Other studies in August include 2010, 2017, 2020, 2021, 2022, 2023
- Modeling data were included in 2020-2023 studies



Table 2.1
STP Aircraft Activity per Runway during the Study Period

Runway	13-Aug	14-Aug	15-Aug	16-Aug	17-Aug	18-Aug	19-Aug	Runway Total
STP Arrivals								
9	1	-	-	-	-	-	-	1
13	-	-	-	-	-	-	6	6
14	19	17	1	53	-	60	35	185
27	1	-	5	-	-	-	-	6
31	-	1	2	-	1	-	14	18
32	9	44	101	2	66	1	21	244
STP Departures								
13	-	-	-	-	-	-	4	4
14	16	31	1	51	2	60	36	197
27	-	1	8	-	-	-	-	9
31	-	1	1	-	1	-	7	10
32	18	30	101	3	63	1	27	243
Daily Total	64	125	220	109	133	122	150	923

STP Flight Operations during 2023 Sound Study Period



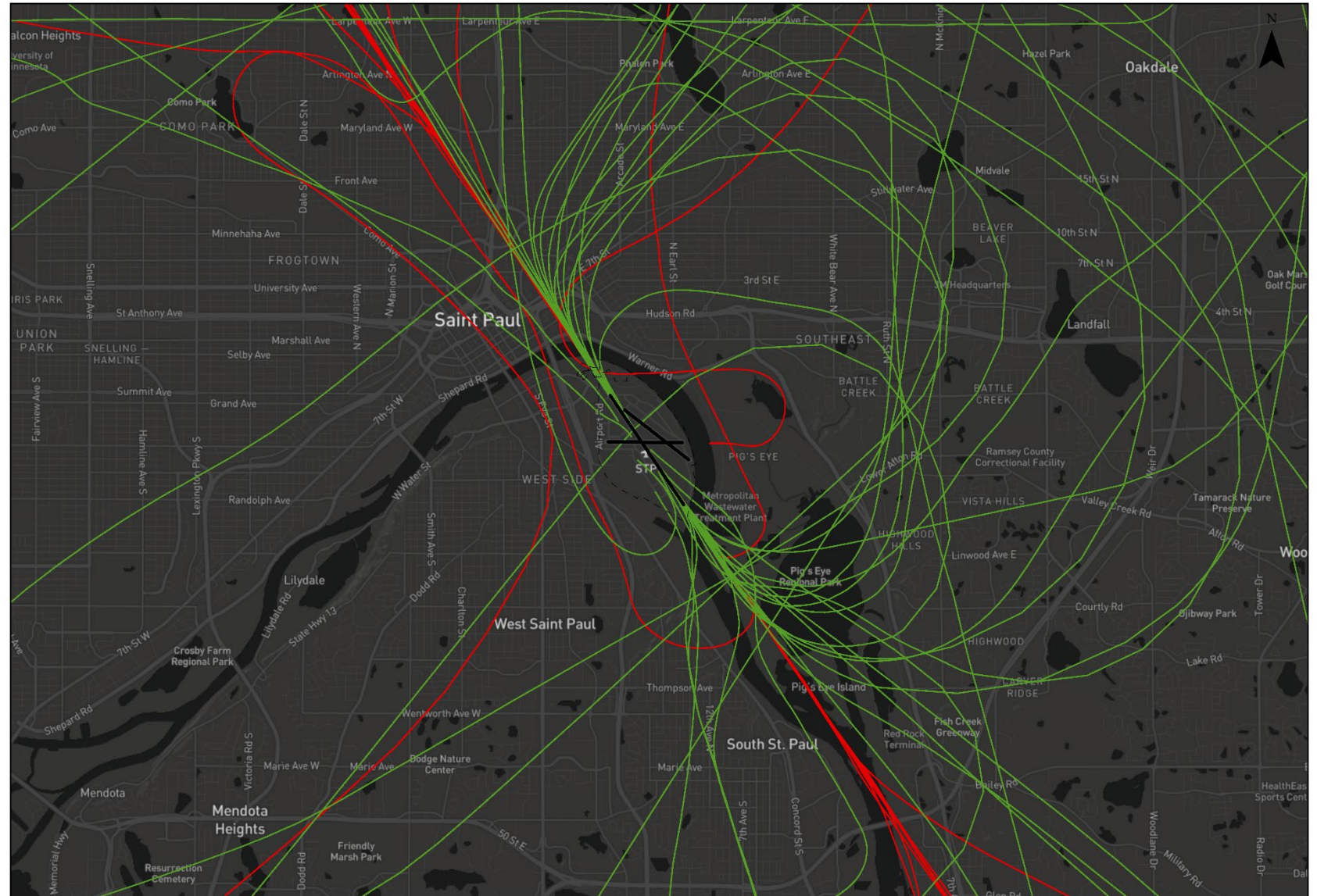
--- STP Property Boundary

— Arrivals

— Departures

0 0.5 1 2 3 Miles

STP Nighttime Flight Operations during 2023 Sound Study Period



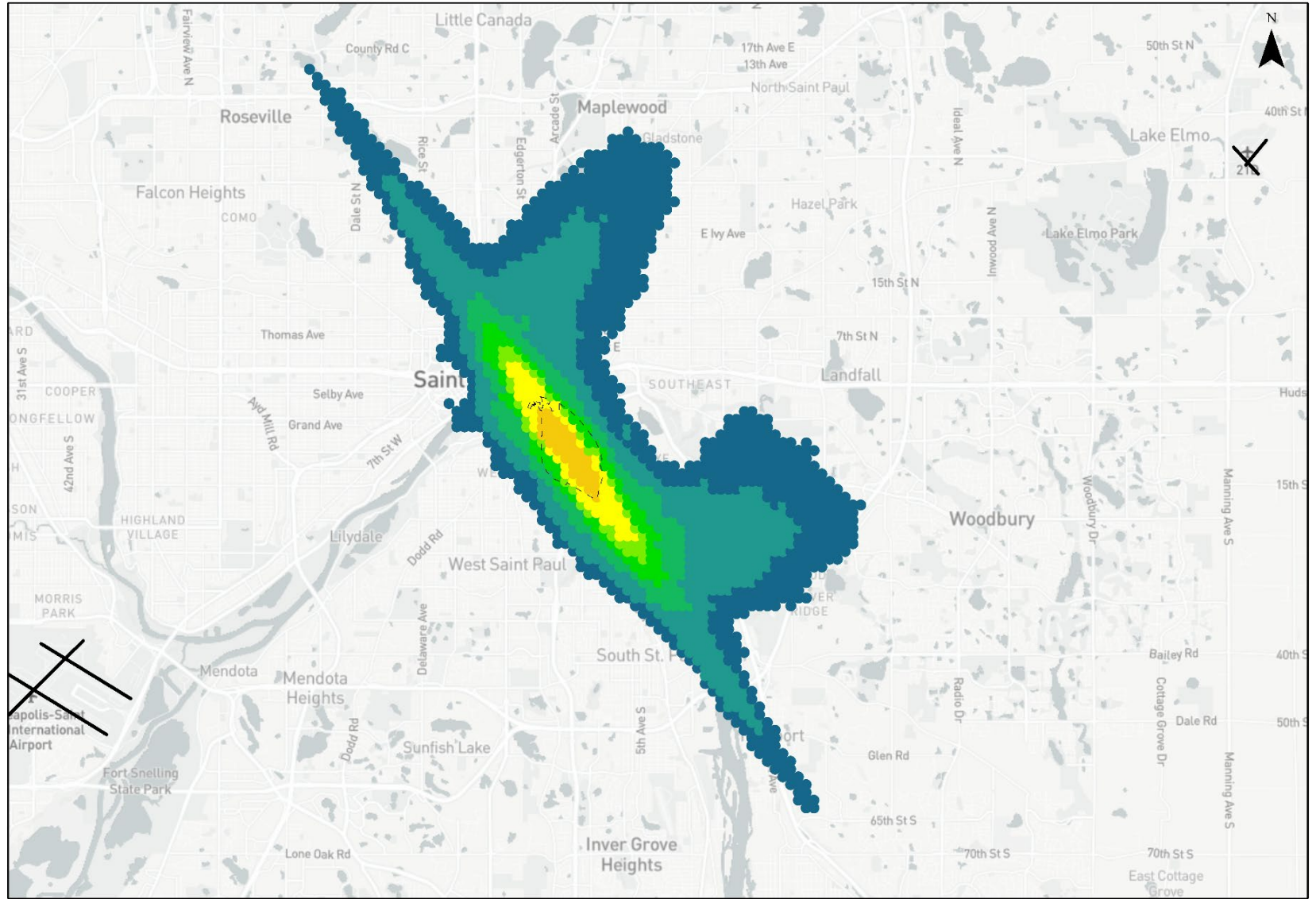
--- STP Property Boundary

— Arrivals

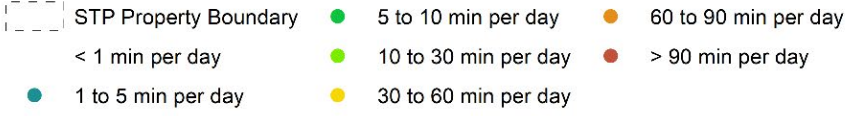
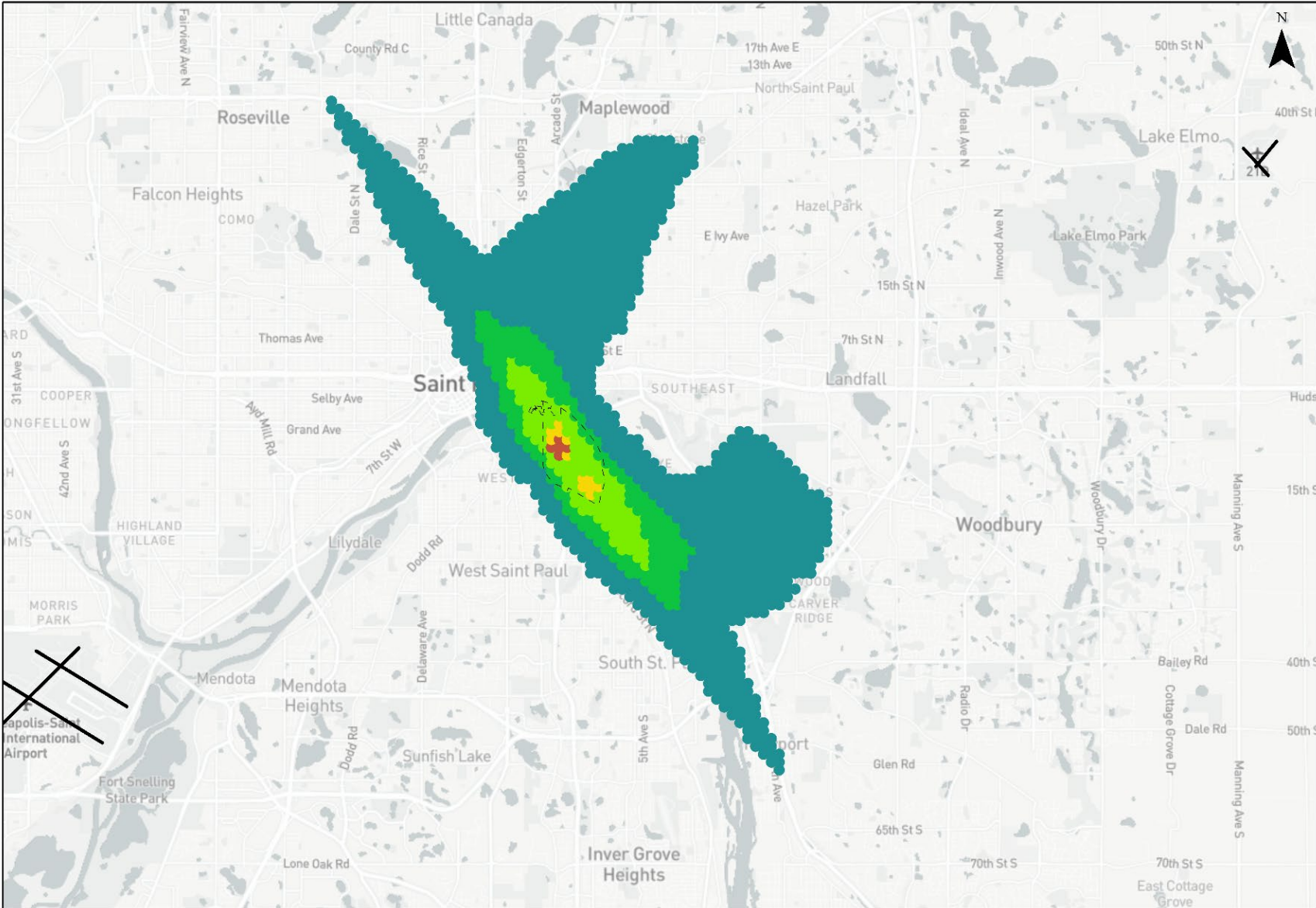
— Departures



2023 STP Sound Study Modeling Results - Number Above 65 dBA per Day



2023 STP Sound Study Modeling Results - Time Above 65 dBA per Day



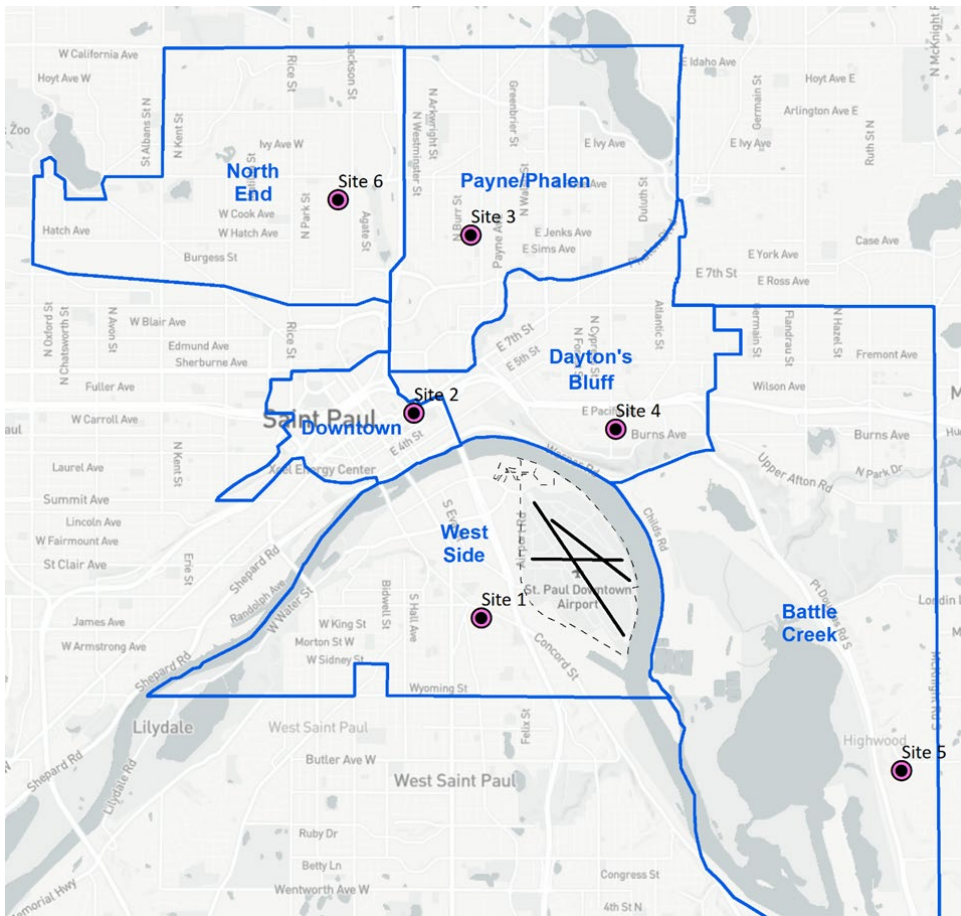


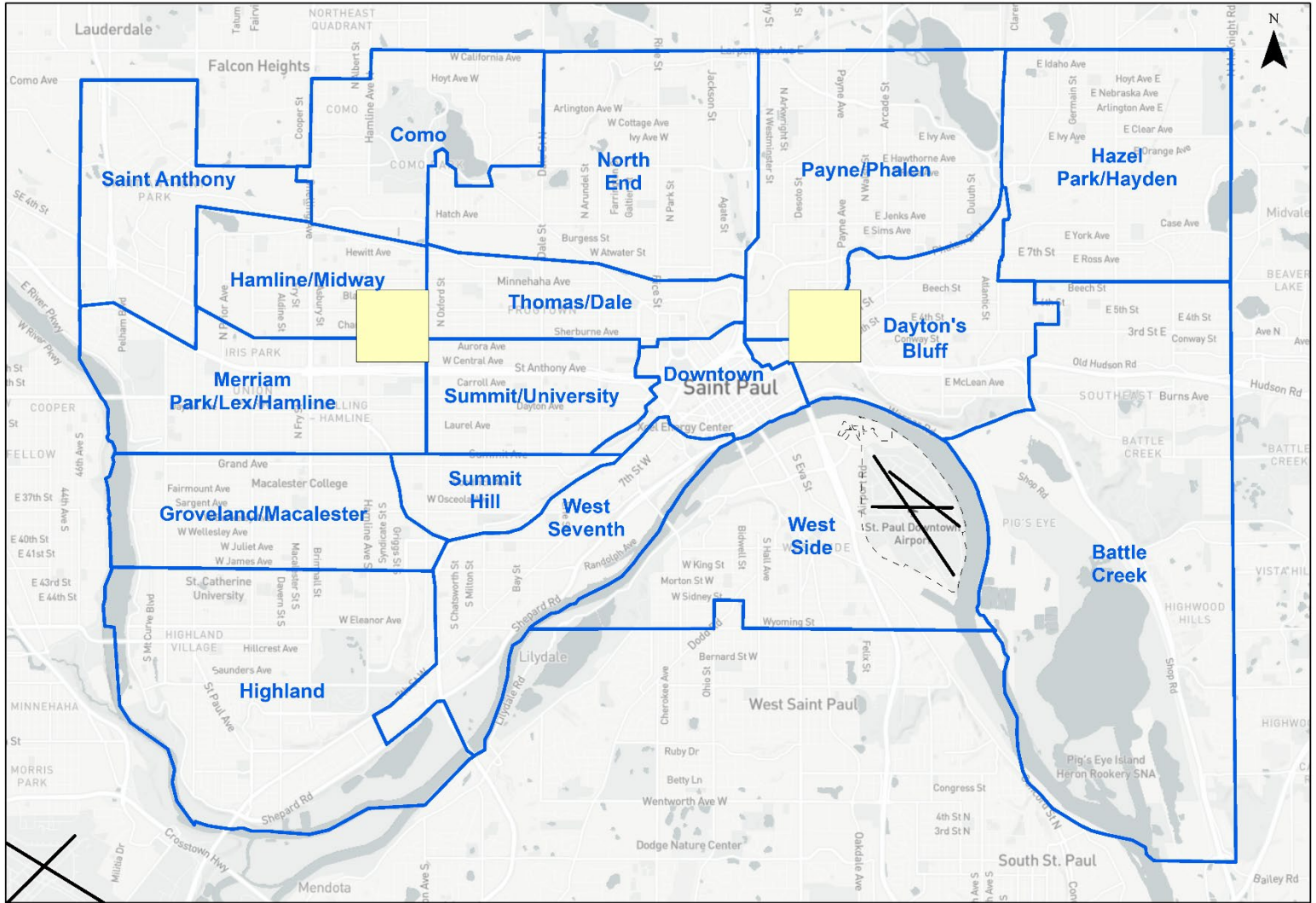
Table 3.1 Modeled Number Above 65 dBA Sound Levels

Site	2020	2021	2022	2023
1	13	22	100	64.2
2	88	67	134	130.6
3	70	48	77	79.0
4	32	25	59	52.7
5	92	121	107	97.4
6	62	147	117	100.4

Table 3.2 Modeled Time Above 65 dBA Sound Levels (min)

Site	2020	2021	2022	2023
1	1.8	2.3	10.0	6.0
2	18.6	8.8	19.2	21.0
3	22.7	9.8	16.9	19.4
4	6.5	4.8	10.9	7.6
5	19.3	24.7	24.7	21.1
6	14.7	34.3	25.1	23.5

2023 STP Sound Study Modeling Results Comparison



1 - 3 Complaints
 STP Property Boundary



2023 STP Sound Study -Complaints

Table 4.1 Complaints and Operations		
Aircraft Type	Operations	Complaints
Helicopter	56	1
Jet	230	4
Piston	493	-
Turboprop	119	1
Unknown	25	-
Total	923	6

Questions? Discussion & Next Steps



Member Feedback and Reflection

Set 2024 Meeting Dates:

Meeting are typically held on the third
Tuesday (Spring & Fall) at 3 p.m.

**Special meetings may be called as
necessary*



March

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

April

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

May

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

September

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

October

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

November

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

Adjourn

Thank you for
Attending!

