

SAINT PAUL  
DOWNTOWN AIRPORT



(DAAC)

# Regular Meeting

October 20, 2020

# Agenda

1. Introductions – Members to introduce themselves (1 min. each)
2. Approval of Meeting Minutes: May 19, 2020
3. Public Comment (3 min. each)
4. Airport Update
5. Roberts Rules of Order: Voting Clarification
6. Nominations and Election: Chair
7. Nominations and Election: Vice-Chair
8. Aircraft Operations and Noise Complaints: Q3 2020
9. STP Sound Study
10. Member Comments
11. Set Next Meeting:

# Introductions

Airport User Representatives	Public Representatives	Government Representatives
Glenn Weibel – Current Chair	Gjerry Berquist	Noel Nix
Kurt Mouton -	Holly Windingstad	Andrew Wall
Tom Rehkamp	Stuart Knapmiller	David Napier
Nathan Garske	Gerald Mischke	
Larry Gregg	Jon Fure	
Corby Koehler		
Jon Dietman		
Lane Hinsperger		

Mike Wilson – Technical Advisor and STP Airport Manager  
Jennifer Lewis – Meeting Coordinator  
Kalae Verdeja – Meeting Secretary

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# Public Comment

Members of the public are welcome to make a comment  
(up to 3 minutes each)

Please state your name and address



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## ARTICLE VI

### Voting Rights of Membership

- (1) At all meetings of the Council, attendance by two (2) USER REPRESENTATIVES, one (1) PUBLIC REPRESENTATIVE and one (1) GOVERNMENT REPRESENTATIVE, shall constitute a quorum for the conduct of business.
- (2) Each USER, PUBLIC and GOVERNMENT REPRESENTATIVE, or their appointed alternate, shall have one (1) vote.
- (1) Voting may be conducted via email, or by members in attendance at a meeting in-person or through use of virtual collaboration tool.
- (2) These Bylaws may be amended or altered by majority vote of membership provided that notice of such proposed amendments shall have been given ten (10) days prior to a general membership meeting.

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## ARTICLE VII

### Chairperson of the Council

The representatives shall by majority vote of the membership present at the time of voting (in-person or through virtual collaboration tool) elect from amongst the constituency of the Council a Chairperson who shall serve for a two (2) year term or until their representation on the Council terminates, whichever occurs first; and until their successor is elected. The powers and duties of the Chairperson are as follows:

The powers and duties of the Chairperson are as follows:

- (1) To preside at all meetings of the Council.
- (2) To call special meetings of the Council as he/she deems necessary, or upon request by any three (3) USER, or two (2) PUBLIC, or one (1) GOVERNMENT REPRESENTATIVE(S).
- (3) To sign as Chairperson of this Council, with the approval of the membership, certifications and other papers and instruments in-writing that may require such signature.
- (4) To form a Sub-committee as necessary, and appoint its members, for special projects.

To perform such other duties and tasks as these Bylaws or as the membership shall from time to time prescribe.

# Nominations and Election for Chair

- Any member may be nominated
- One vote per member
- Each member will be called on to state their nomination
- At the end of nominations, nominated members have the option to decline

DAAC Member Chair Nominations	Glenn Weibel			
Gjerry Berquist – Public Representative (D3)				
Jon Dietman – Airport User Representative				
Jon Fure – Public Representative (D17)				
Nathan Garske – Airport User Representative				
Larry Gregg – Airport User Representative				
Lane Hinsperger – Airport User Representative				
Stuart Knapmiller – Public Representative (D5) Rebecca Nelson (Alternate)				
Corby Koehler – Airport User Representative Jesse Pope (Alternate)				
Gerald Mischke – Public Representative (D6)				
Kurt Mouton – Airport User Representative				
David Napier – Government Representative (WSP) Ryan Schroeder (Alternate)				
Noel Nix – Government Representative (St. Paul) Anton Jerve (Alternate)				
Tom Rehkamp – Airport User Representative				
Andrew Wall – Government Representative (SSP) Jimmy Francis (Alternate)				
Holly Windingstad – Public Representative (D4) Jacob Puffer (Alternate)				
Glenn Weibel – Airport User Representative				

## ARTICLE VIII

### Vice-Chairperson

The representatives shall by majority vote of the membership present at the time of voting (in-person or through virtual collaboration tool) elect from amongst the constituency of the Council a Vice-Chairperson who shall serve for a two (2) year term or until their representation on the Council terminates, whichever occurs first; and until their successor is elected. The powers and duties of the Vice-Chairperson in the absence of the Chairperson are as follows:

- (1) To preside at meetings of the Council.
- (2) To call meetings.
- (3) To perform the duties and exercise the powers of the Chairperson.

# Nominations and Election for Vice Chair

- Any member may be nominated for Vice Chair, except the newly-elected Chair
- One vote per member
- Each member will be called on to state their nomination
- At the end of nominations, nominated members have the option to decline

DAAC Member Vice Chair Nominations	John Fure			
Gjerry Berquist – Public Representative (D3)				
Jon Dietman – Airport User Representative				
Jon Fure – Public Representative (D17)				
Nathan Garske – Airport User Representative				
Larry Gregg – Airport User Representative				
Lane Hinsperger – Airport User Representative				
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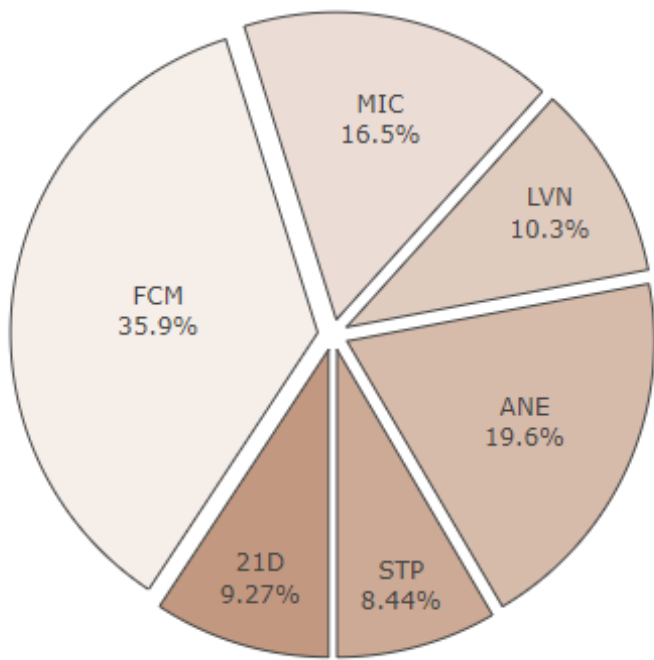


# Agenda

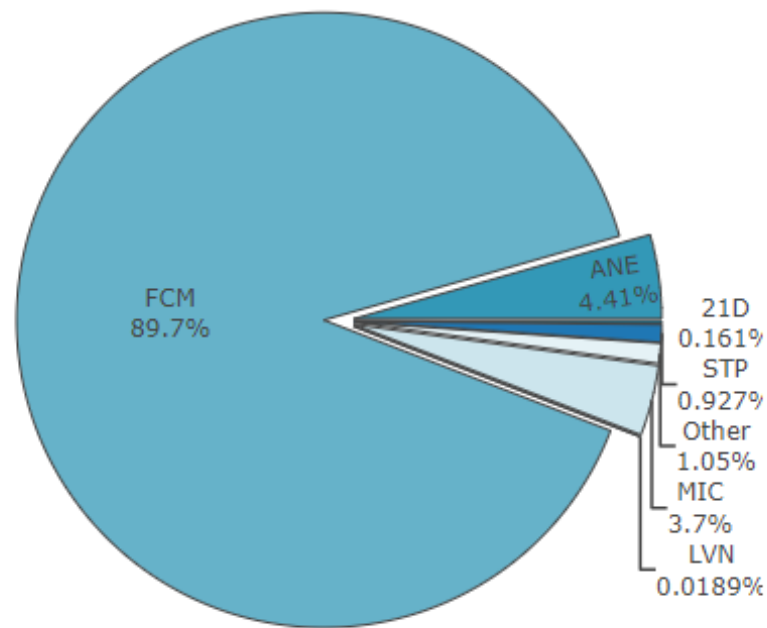
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# Aircraft Operations & Noise Complaints

AIRCRAFT OPERATIONS



NOISE COMPLAINTS

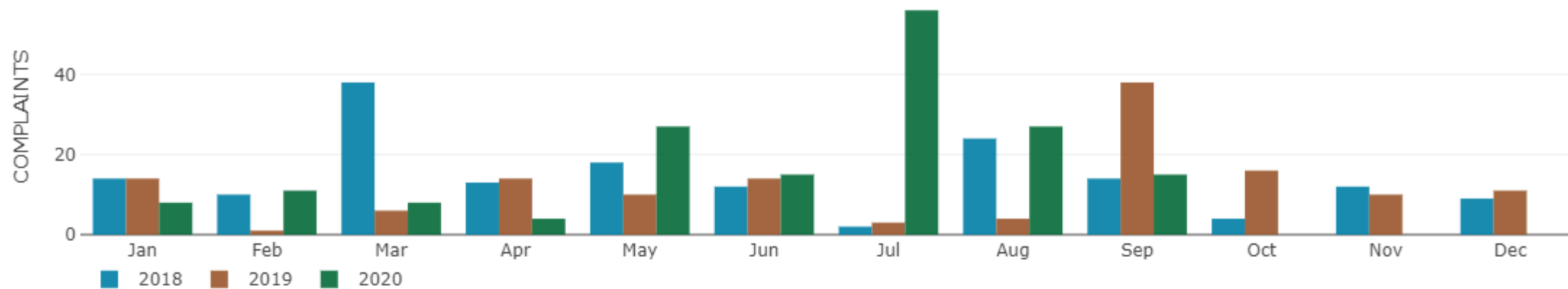


Quarterly Summary available at

[www.macnoise.com/tools-reports/interactive-reports](http://www.macnoise.com/tools-reports/interactive-reports)

# STP Q3 2020 Noise Complaints

<b>2020</b>	<b>98</b> COMPLAINTS	<b>12</b> LOCATIONS	<b>13</b> NIGHTTIME COMPLAINTS	<b>3</b> NIGHTTIME HOUSEHOLDS
<b>2019</b>	<b>45</b> COMPLAINTS	<b>9</b> LOCATIONS	<b>6</b> NIGHTTIME COMPLAINTS	<b>4</b> NIGHTTIME HOUSEHOLDS

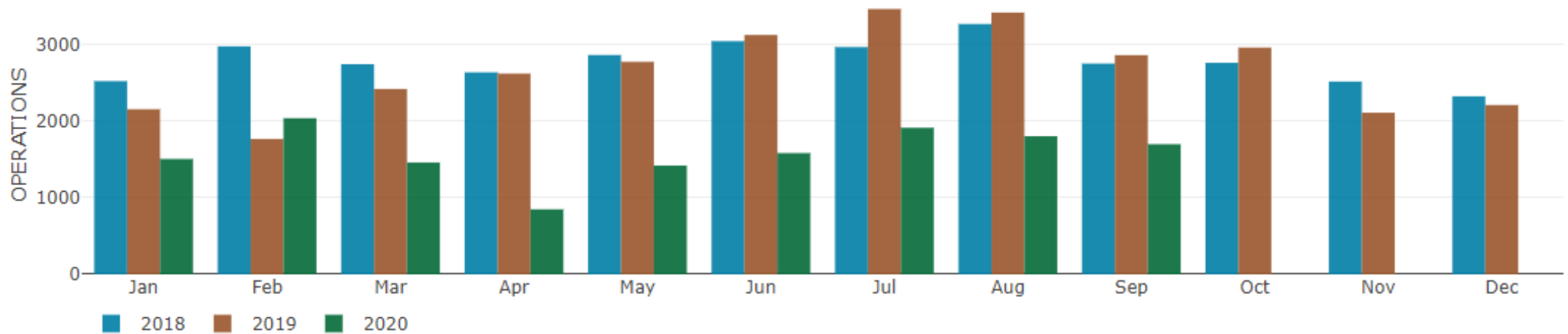


# Q3 2020 STP Noise Complaints by Aircraft Type

AIRCRAFT TYPE	OPERATIONS	%	COMPLAINTS	%
HELICOPTER	311	5.7 %	27	27.6 %
JET	1997	36.8 %	24	24.5 %
PISTON	1335	24.6 %	28	28.6 %
TURBO-PROP	943	17.4 %	8	8.2 %
UNKNOWN	836	15.4 %	11	11.2 %
RUN-UP	N/A	0.0 %	0	0.0 %
NOT-CORRELATED	N/A	0.0 %	0	0.0 %

# Q3 2020 STP Aircraft Operations

2020		2019	
<b>5422</b>	<b>606</b>	<b>9755</b>	<b>786</b>
OPERATIONS	NIGHTTIME OPERATIONS	OPERATIONS	NIGHTTIME OPERATIONS



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# STP Sound Study

August 7-13, 2020

- 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 seven consecutive days of field measurements
- Studies have been conducted each year since 2007
- Other studies in August were conducted in 2017 & 2010
- Modeling data were included in 2020 study

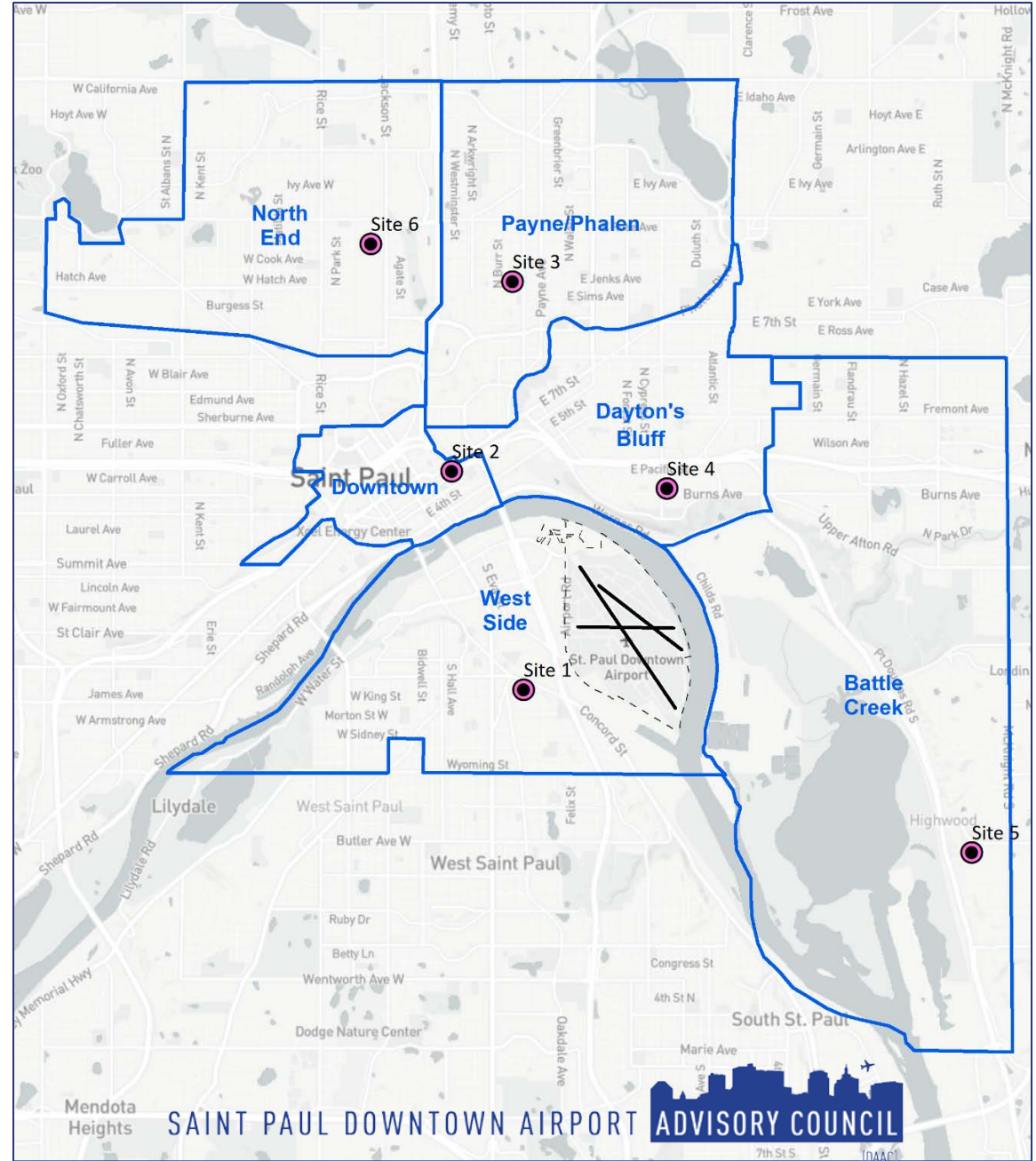




Daily STP Aircraft Activity per Runway

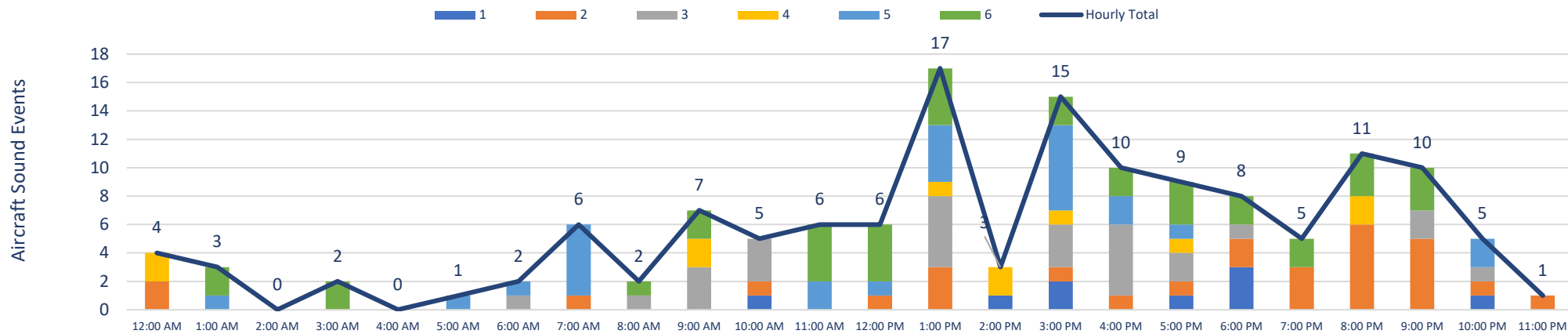
Runway	Thur. Aug 7	Fri. Aug 8	Sat. Aug 9	Sun. Aug 10	Mon. Aug 11	Tues. Aug 12	Wed. Aug 13	Total
STP Arrivals (190)								
9	2					1	1	4
13		6			2			8
14	18	10	13	1	10	19	35	106
27	1	2		1	4			8
31			1			1		2
32		4	6	27	19	6		62
STP Departures (193)								
9		1				1	1	3
13					1	1		2
14	21	14	12	1	10	18	44	120
27						1		1
31		7		1	1			9
32		1	6	25	19	7		58
Daily Total	42	45	38	56	66	55	81	383





# STP Sound Study Field Measurement Results

Number of Measured Single Event STP Aircraft Sounds								
	Fri. August 7	Sat. August 8	Sun. August 9	Mon. August 10	Tues. August 11	Wed. August 12	Thur. August 13	Site Total
Site 1	1			2		2	4	9
Site 2	2	8		5	7	2	5	29
Site 3	2	1	2	4	12		6	27
Site 4			1	2	2	4	2	11
Site 5	5	4	2	4	1	4	6	26
Site 6	7	5	5		4	15		36
Daily Total	17	18	10	17	26	27	23	138

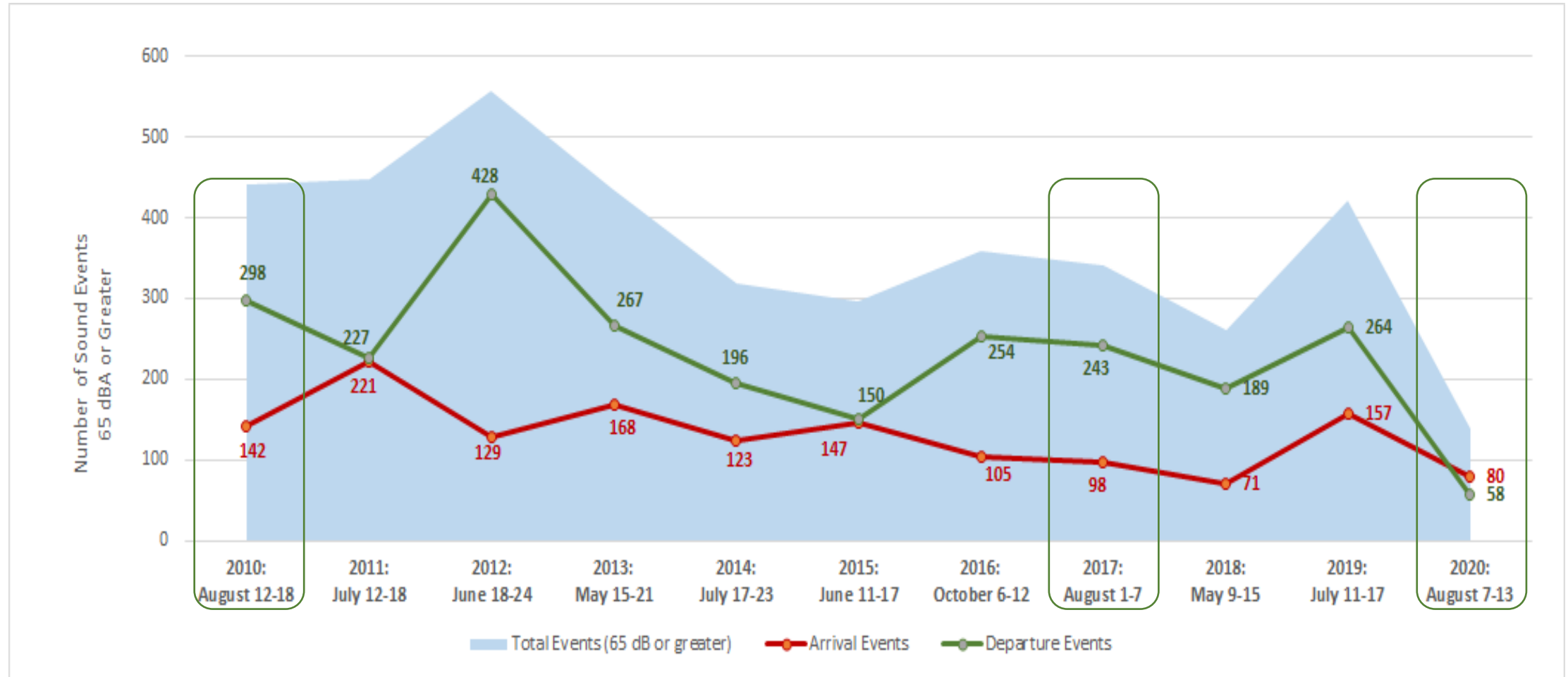


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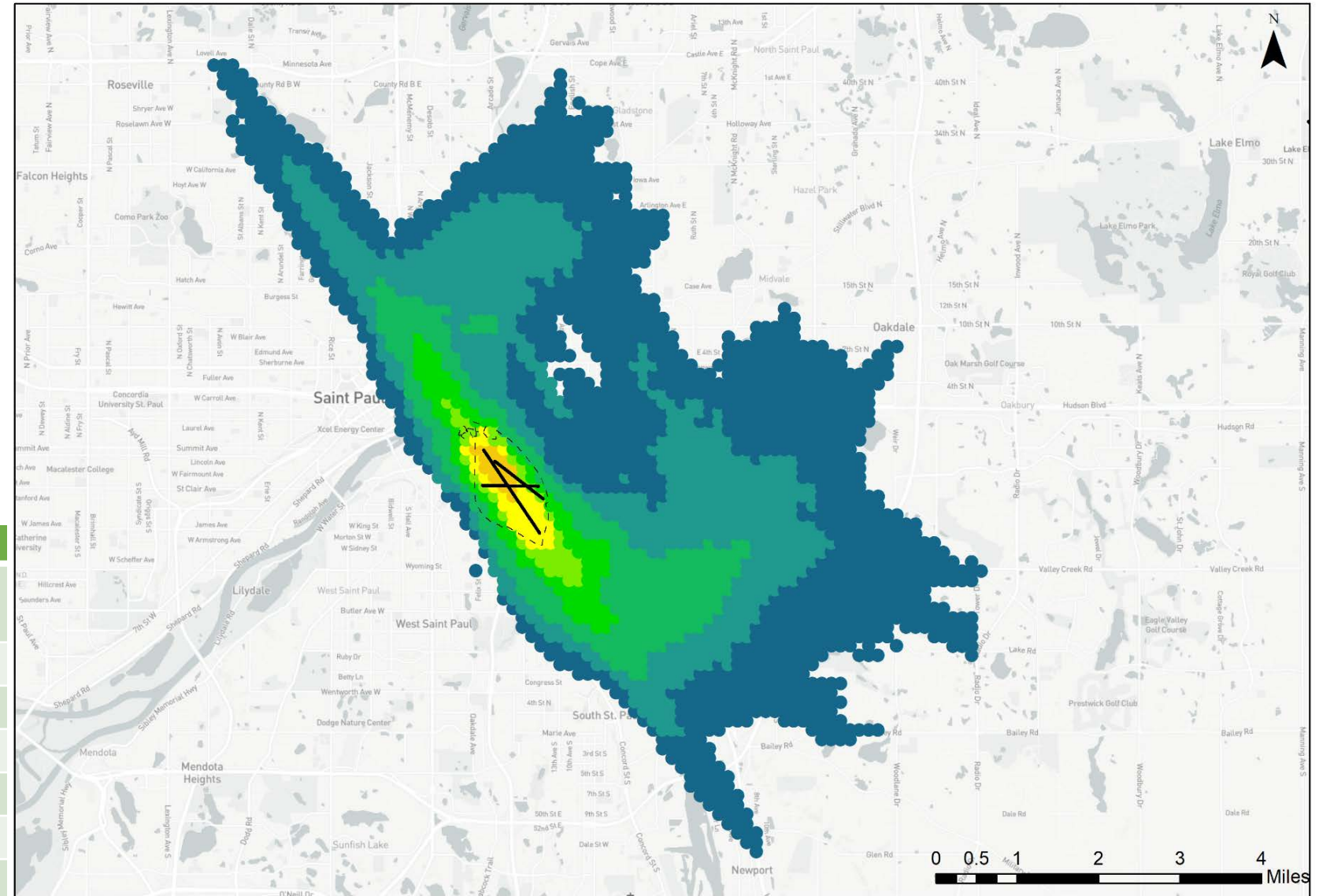
Number of Single Event Aircraft Sounds by Level				
Site	# of Events > 65dBA	# of Events > 80dBA	# of Events > 90dBA	# of Events > 100dBA
<b>Aircraft Arrivals</b>				
1	6	1	0	0
2	16	1	0	0
3	13	0	0	0
4	6	0	0	0
5	6	0	0	0
6	33	0	0	0
<b>Arrival Total</b>	<b>80</b>	<b>2</b>	<b>0</b>	<b>0</b>
<b>Aircraft Departures</b>				
1	3	0	0	0
2	13	0	0	0
3	14	1	0	0
4	5	0	0	0
5	20	1	0	0
6	3	0	0	0
<b>Departure Total</b>	<b>58</b>	<b>2</b>	<b>0</b>	<b>0</b>
<b>Total Aircraft Events</b>	<b>138</b>	<b>4</b>	<b>0</b>	<b>0</b>



# STP Sound Study Field Measurement Results



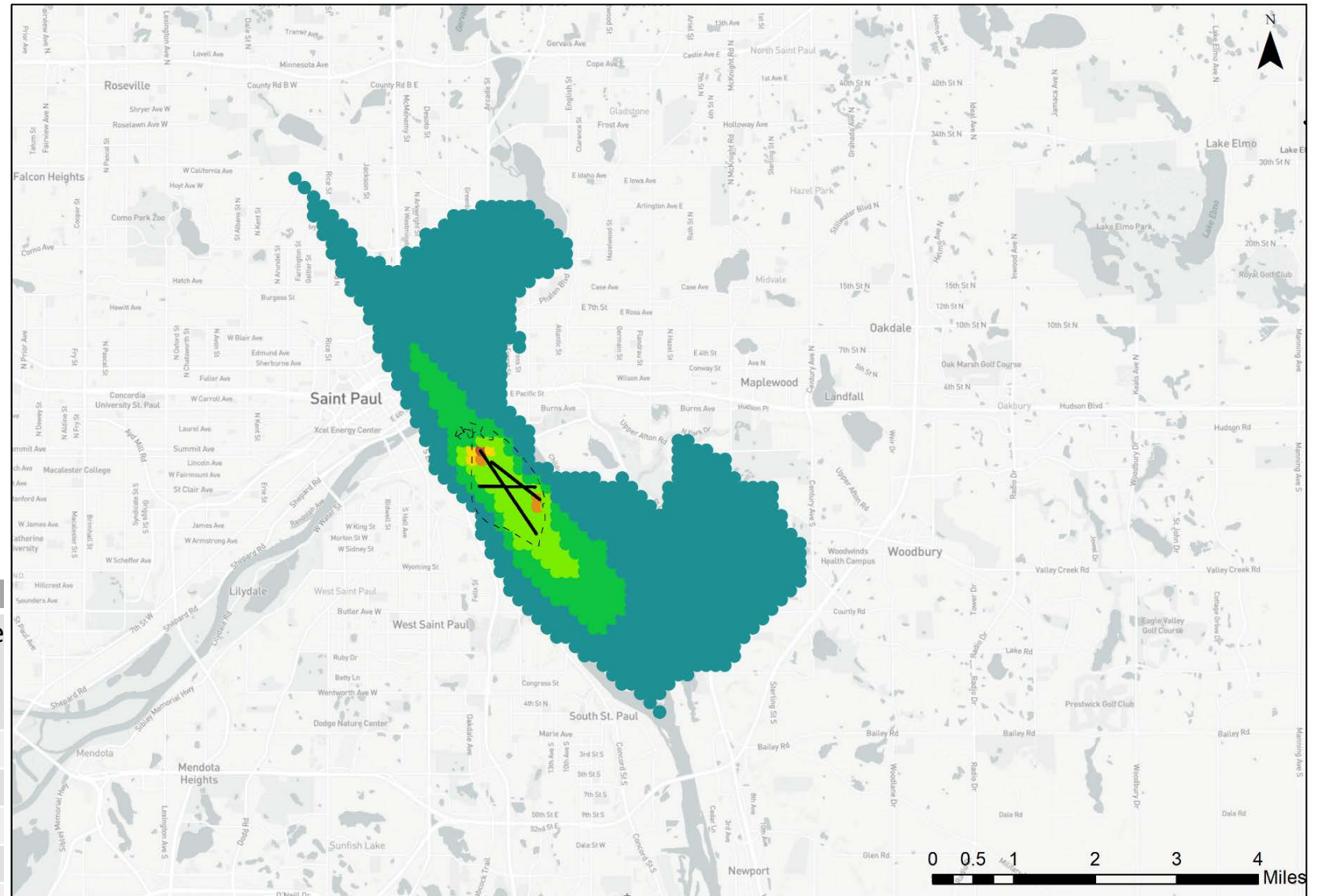
# STP Sound Study Modeling Results -Number Above



Measured Vs Modeled Number Above Sound Levels			
Site	N <sup>65</sup> Measured	N <sup>65</sup> Modeled	Difference
1	9	13	4
2	29	88	59
3	27	70	43
4	11	32	21
5	26	92	66
6	36	62	26

# STP Sound Study Modeling Results -Time Above

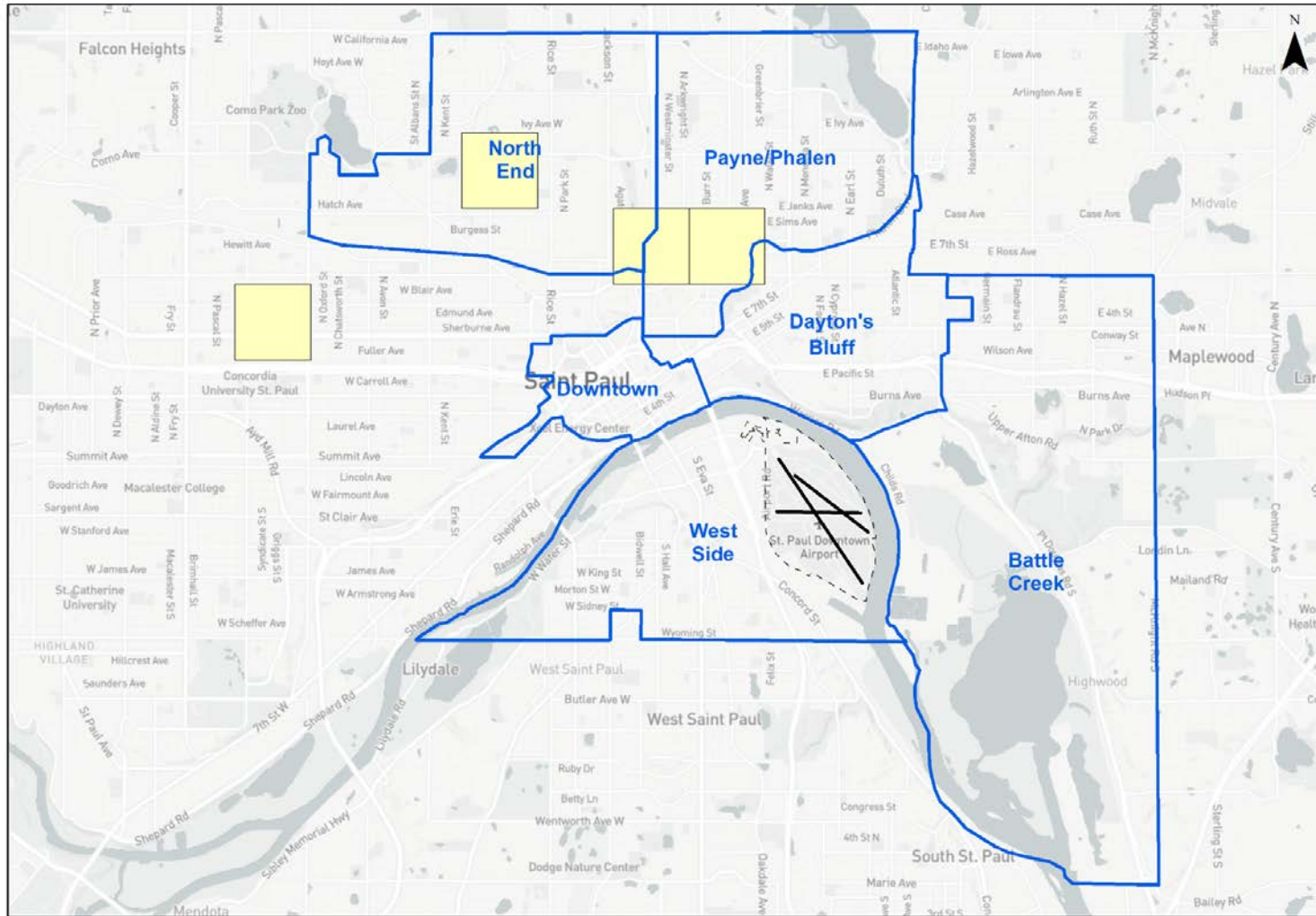
Measured Vs Modeled Time Above Sound Level			
Site	TA <sup>65</sup> Measured (min)	TA <sup>65</sup> Modeled (min)	Difference (min)
1	1.9	1.8	-0.1
2	8.2	18.6	10.4
3	4.2	22.7	18.5
4	2.3	6.5	4.2
5	5.2	19.3	14.1
6	6.3	14.7	8.4



STP Property Boundary
  <1 min per day
  5 to 10 min per day
  30 to 60 min per day
  >90 min per day
   
 1 to 5 min per day
  10 to 30 min per day
  60 to 90 min per day



# STP Sound Study -Complaints



- STP Property Boundary
- St. Paul Neighborhood DACC District Councils
- 1 to 3 complaints



Complaints and Operations		
	Operations	Complaints
Aircraft Type		
Commercial	2	0
Helicopter	32	0
Jet	152	4
Piston	80	2
Turbo-Prop	73	0
Unknown	44	0
Total	383	6

# Questions?



# **Next Sound Study?**

- Proposed for June, July, or August 2021**

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# Member Comments

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1. Introductions – Members to introduce themselves
2. Bylaws – Action Required
3. Elections – Nominations and voting
4. Proposed Work Plan – Action Required
5. Q1 2020 STP Operations and Noise Complaints – Information
6. Annual Noise Study – Action Required
7. **Meeting Schedule – Action Required**

# Establish Next Meeting

## 2021 Calendar

January 2021							
W	S	M	T	W	T	F	S
53						1	2
1	3	4	5	6	7	8	9
2	10	11	12	13	14	15	16
3	17	18	19	20	21	22	23
4	24	25	26	27	28	29	30
5	31						

February 2021							
W	S	M	T	W	T	F	S
5		1	2	3	4	5	6
6	7	8	9	10	11	12	13
7	14	15	16	17	18	19	20
8	21	22	23	24	25	26	27
9	28						

March 2021							
W	S	M	T	W	T	F	S
9		1	2	3	4	5	6
10	7	8	9	10	11	12	13
11	14	15	16	17	18	19	20
12	21	22	23	24	25	26	27
13	28	29	30	31			

April 2021							
W	S	M	T	W	T	F	S
13					1	2	3
14	4	5	6	7	8	9	10
15	11	12	13	14	15	16	17
16	18	19	20	21	22	23	24
17	25	26	27	28	29	30	

May 2021							
W	S	M	T	W	T	F	S
17							1
18	2	3	4	5	6	7	8
19	9	10	11	12	13	14	15
20	16	17	18	19	20	21	22
21	23	24	25	26	27	28	29
22	30	31					

June 2021							
W	S	M	T	W	T	F	S
22			1	2	3	4	5
23	6	7	8	9	10	11	12
24	13	14	15	16	17	18	19
25	20	21	22	23	24	25	26
26	27	28	29	30			

July 2021							
W	S	M	T	W	T	F	S
26					1	2	3
27	4	5	6	7	8	9	10
28	11	12	13	14	15	16	17
29	18	19	20	21	22	23	24
30	25	26	27	28	29	30	31

August 2021							
W	S	M	T	W	T	F	S
31	1	2	3	4	5	6	7
32	8	9	10	11	12	13	14
33	15	16	17	18	19	20	21
34	22	23	24	25	26	27	28
35	29	30	31				

September 2021							
W	S	M	T	W	T	F	S
35				1	2	3	4
36	5	6	7	8	9	10	11
37	12	13	14	15	16	17	18
38	19	20	21	22	23	24	25
39	26	27	28	29	30		

October 2021							
W	S	M	T	W	T	F	S
39						1	2
40	3	4	5	6	7	8	9
41	10	11	12	13	14	15	16
42	17	18	19	20	21	22	23
43	24	25	26	27	28	29	30
44	31						

November 2021							
W	S	M	T	W	T	F	S
44		1	2	3	4	5	6
45	7	8	9	10	11	12	13
46	14	15	16	17	18	19	20
47	21	22	23	24	25	26	27
48	28	29	30				

December 2021							
W	S	M	T	W	T	F	S
48				1	2	3	4
49	5	6	7	8	9	10	11
50	12	13	14	15	16	17	18
51	19	20	21	22	23	24	25
52	26	27	28	29	30	31	

Meetings are Typically held on the third Tuesday\*

April 20, 2021?

November 16, 2021?

\*Special meetings may be called as necessary



A winter scene featuring a wooden cabin on the left, a snow-covered airplane on the right, and a dense forest of evergreen trees in the background. The ground is covered in a thick layer of snow. The sky is overcast and grey.

# Thank you Everyone!

Enjoy the season.....

*(Put your scraper in your car....now.)*