



Noise Oversight Committee

November 15, 2017

Audio recordings are made of this meeting

ITEM 1 REVIEW AND APPROVAL OF JULY 19 AND SEPTEMBER 20, 2017 MEETING MINUTES



**NOISE OVERSIGHT COMMITTEE
NOVEMBER 15, 2017**



ITEM 2

REVIEW OF MONTHLY OPERATIONS REPORTS: SEPTEMBER AND OCTOBER 2017



NOISE OVERSIGHT COMMITTEE
NOVEMBER 15, 2017



MSP OPERATIONS

SEPTEMBER 2017

33,313

Operations

1,551

Nighttime Operations
(10:30 PM – 6:00 AM)

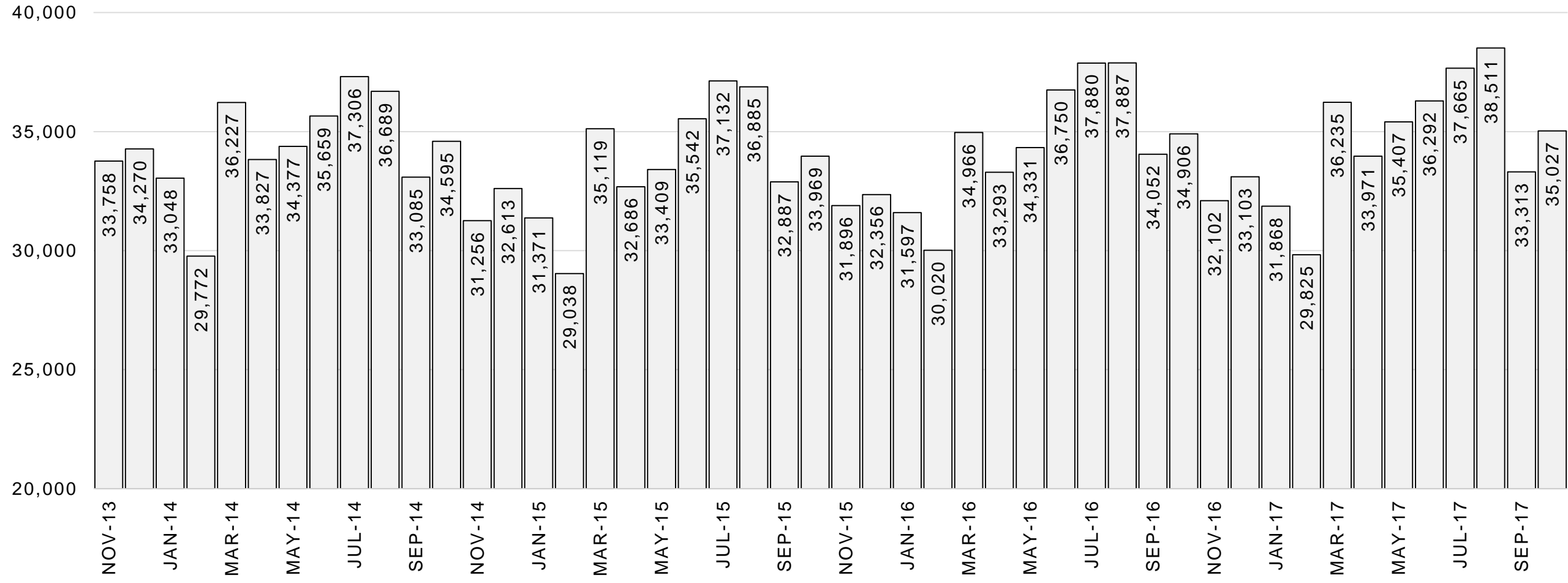
OCTOBER 2017

35,027

Operations

1,807

Nighttime Operations
(10:30 PM – 6:00 AM)



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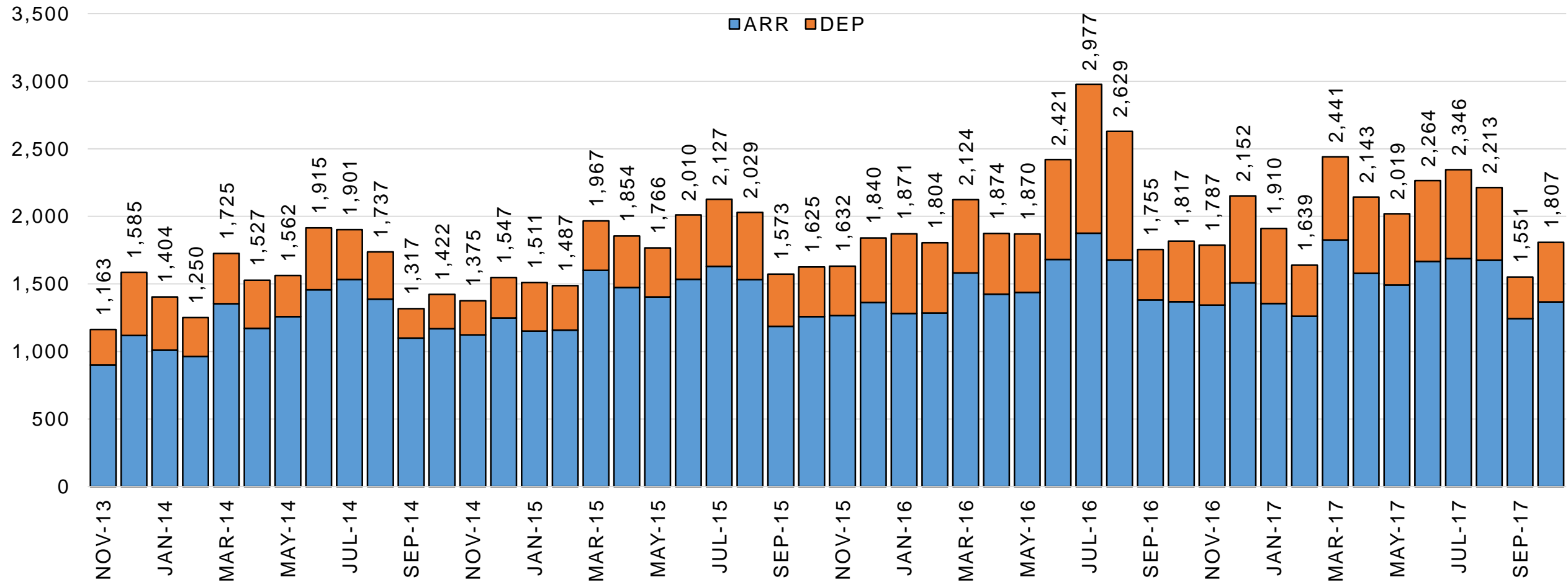
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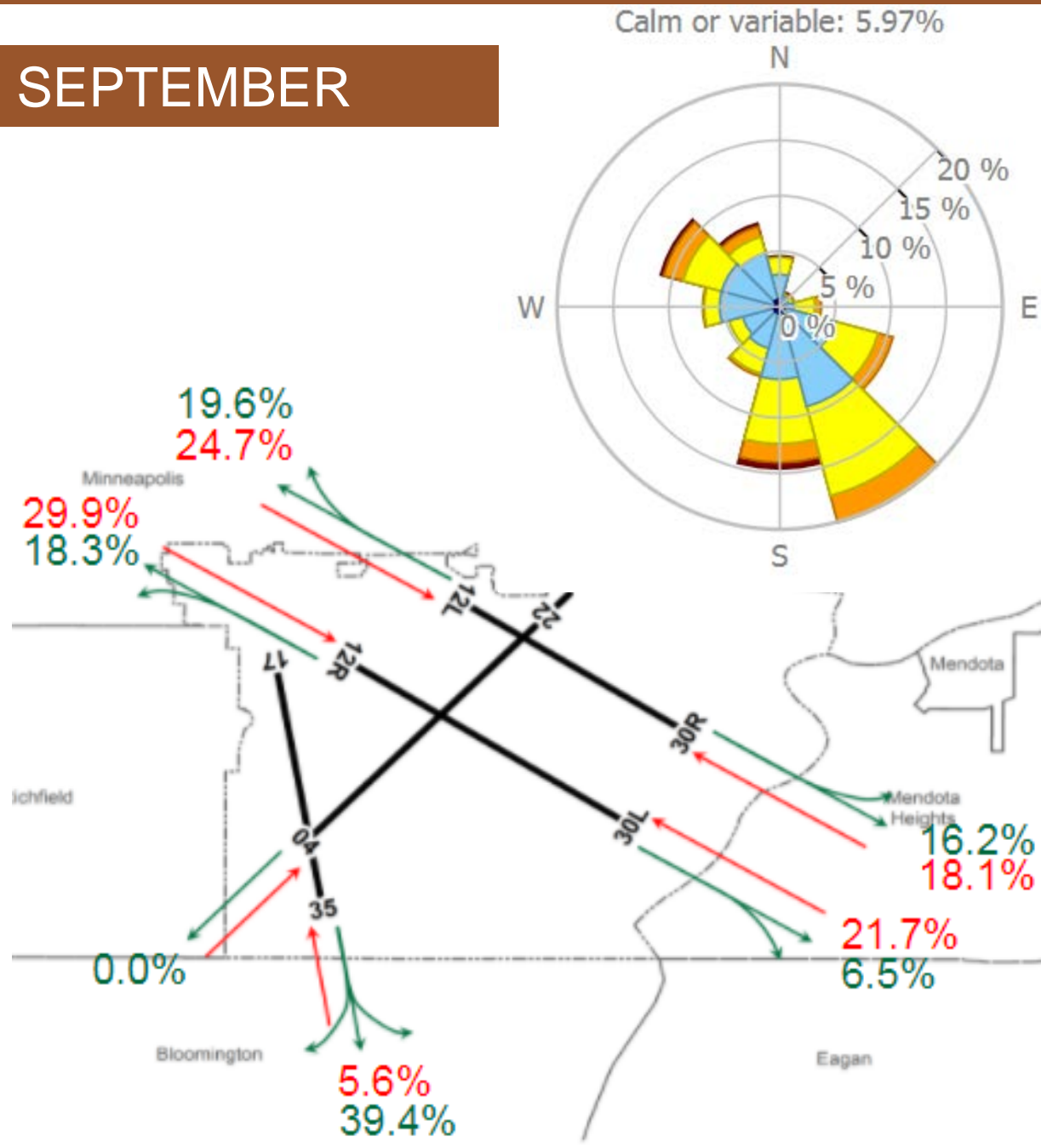
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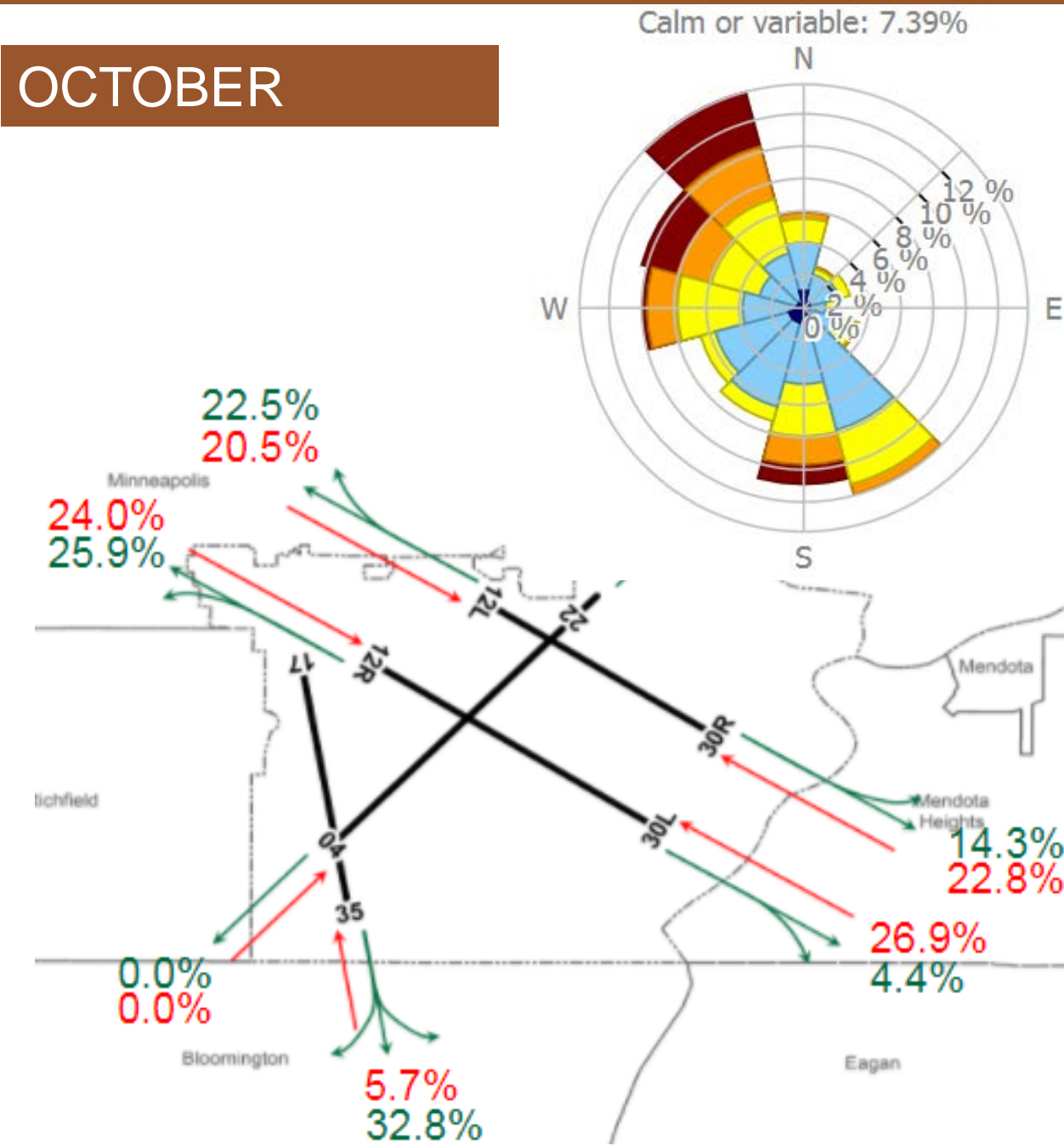


RUNWAY USE

SEPTEMBER



OCTOBER

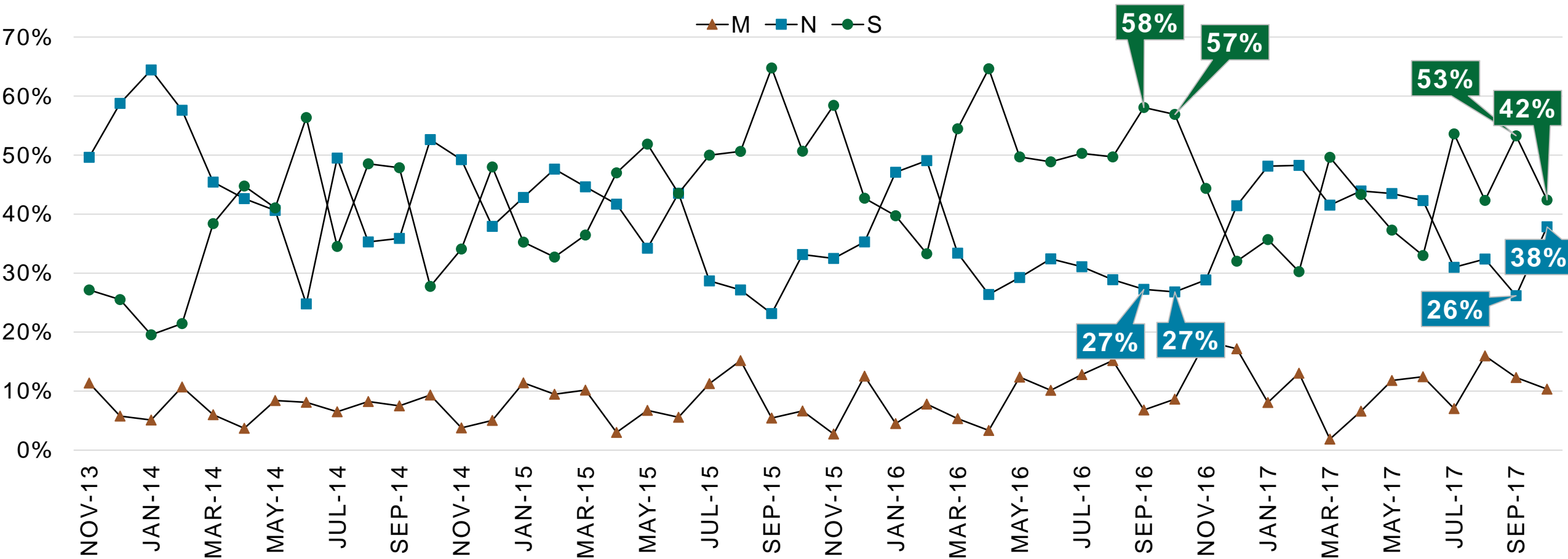


RUNWAY USE

SEPTEMBER 2017

OCTOBER 2017

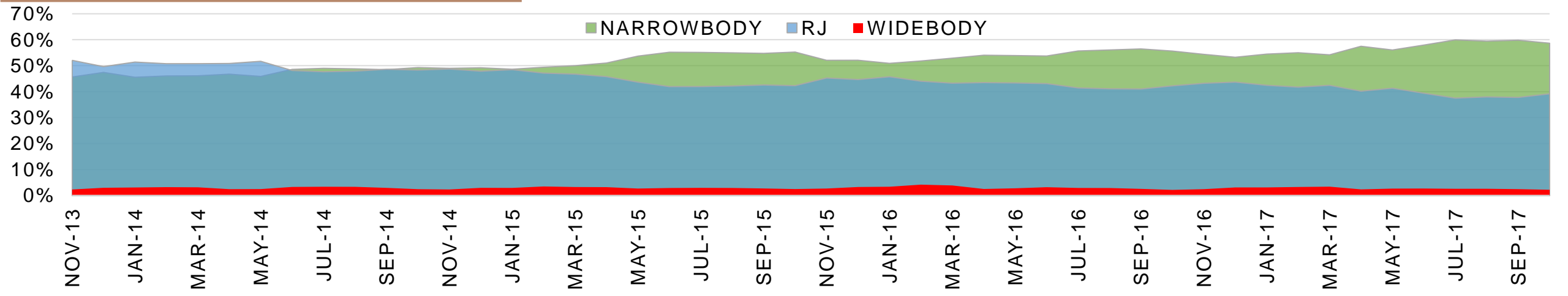
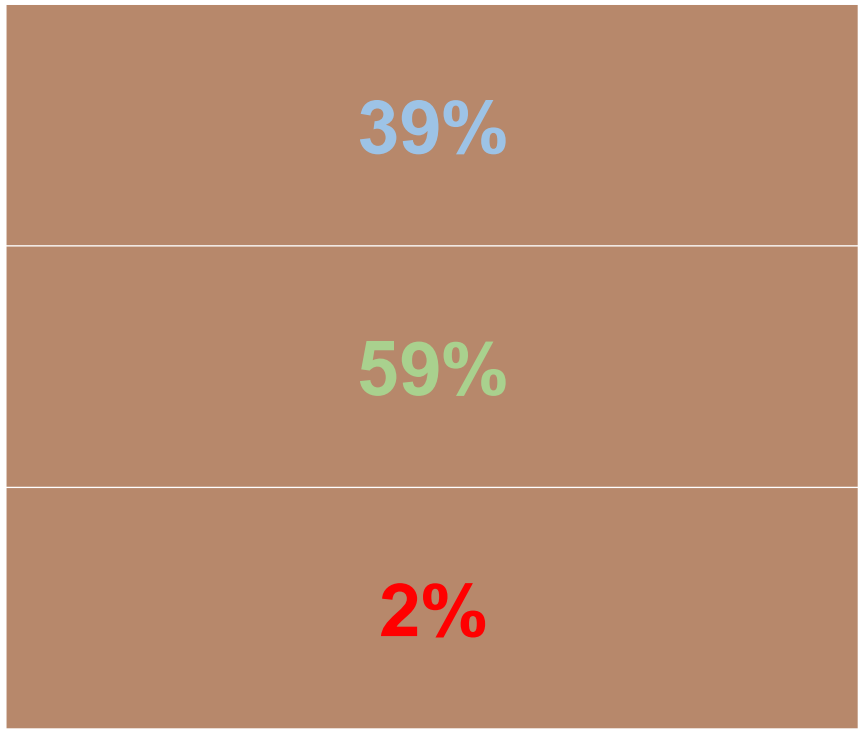
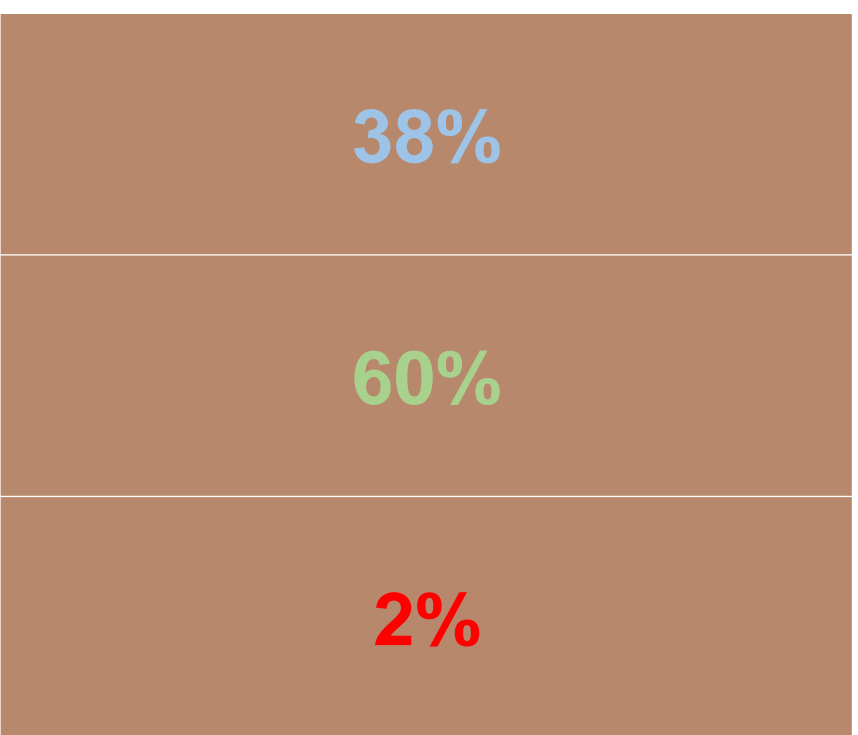
NORTH FLOW	SOUTH FLOW	MIXED FLOW	NORTH FLOW	SOUTH FLOW	MIXED FLOW
26%	53%	12%	38%	42%	10%



CARRIER JET FLEET MIX

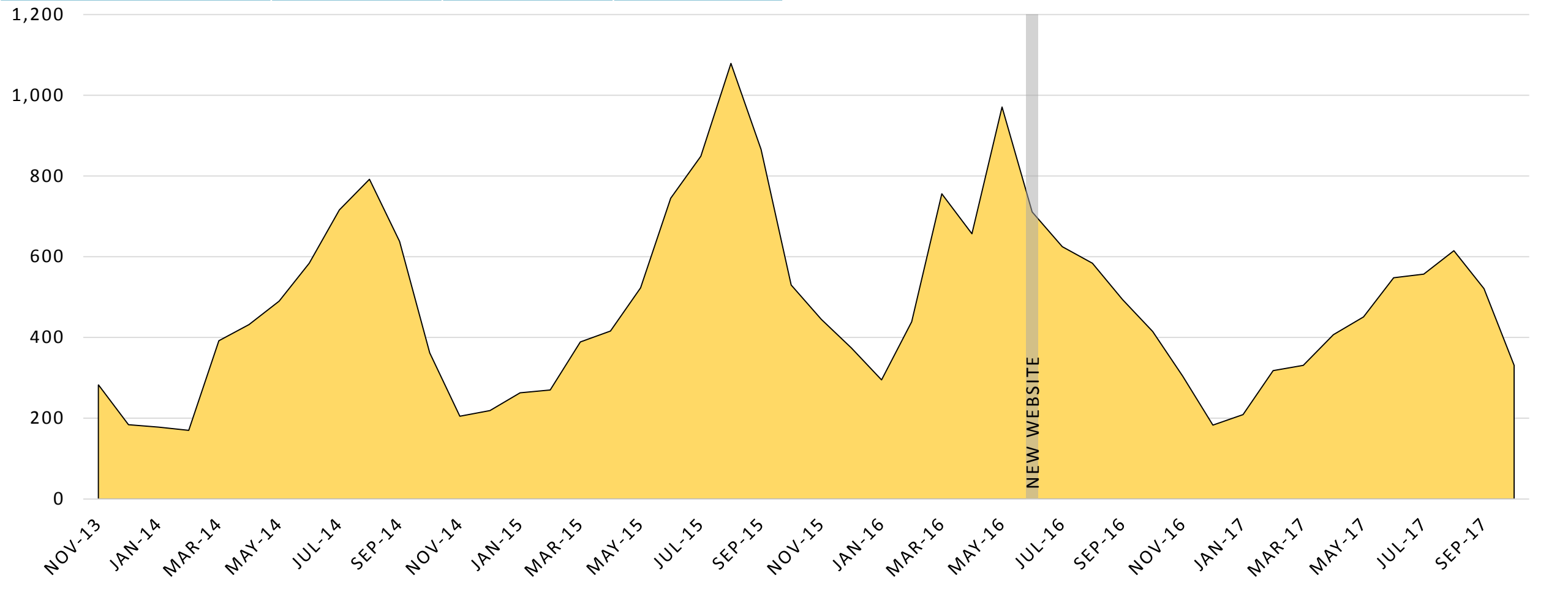
SEPTEMBER 2017

OCTOBER 2017



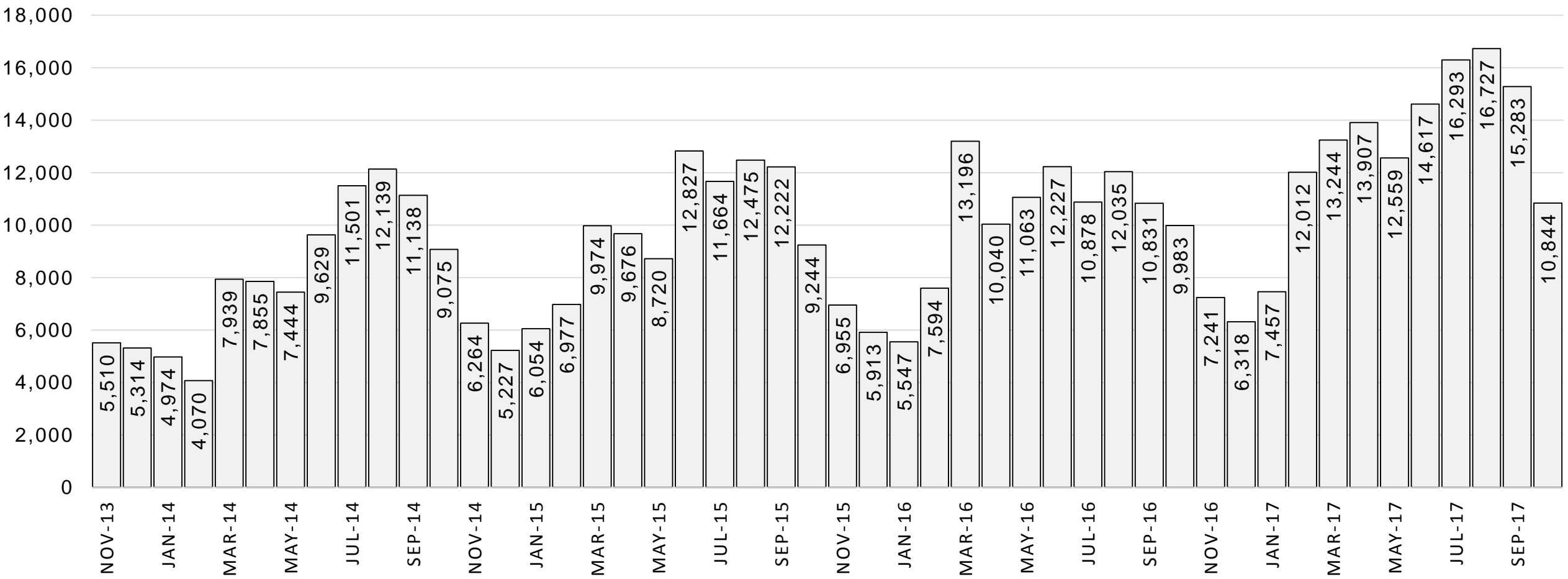
MSP COMPLAINTS

SEPTEMBER 2017				OCTOBER 2017			
COMPLAINTS	LOCATIONS			COMPLAINTS	LOCATIONS		
15,283	522			10,844	331		
Operations per Complaint	New Locations	Average	Median	Operations per Complaint	New Locations	Average	Median
2.2	124	29	2	3.2	34	33	3



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SEPTEMBER LOCATIONS

208

AREAS WITH AT LEAST 1 LOCATION

2.9%

AREAS WITH MORE THAN 10
LOCATIONS

5.8%

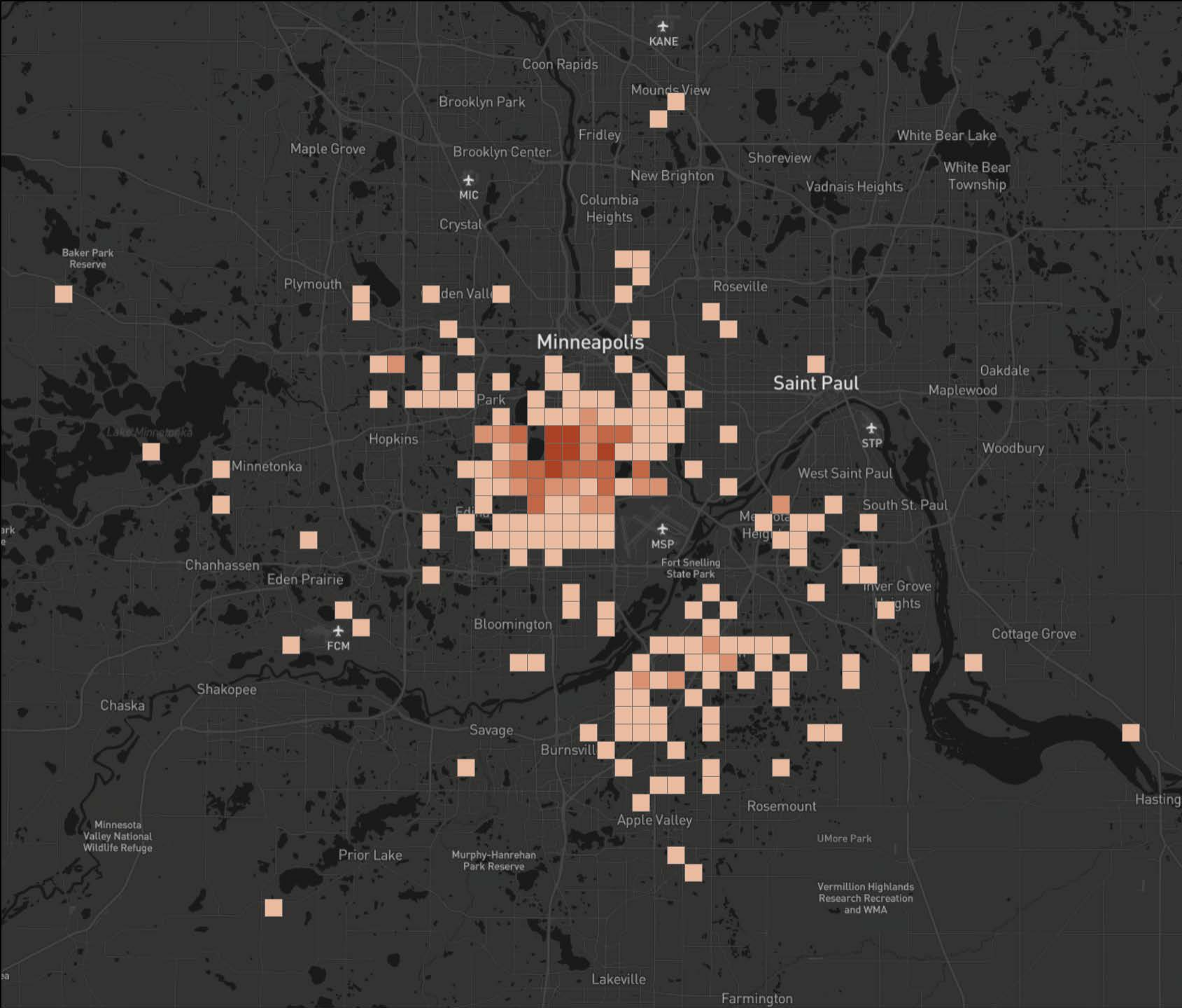
AREAS WITH 6 – 10 LOCATIONS

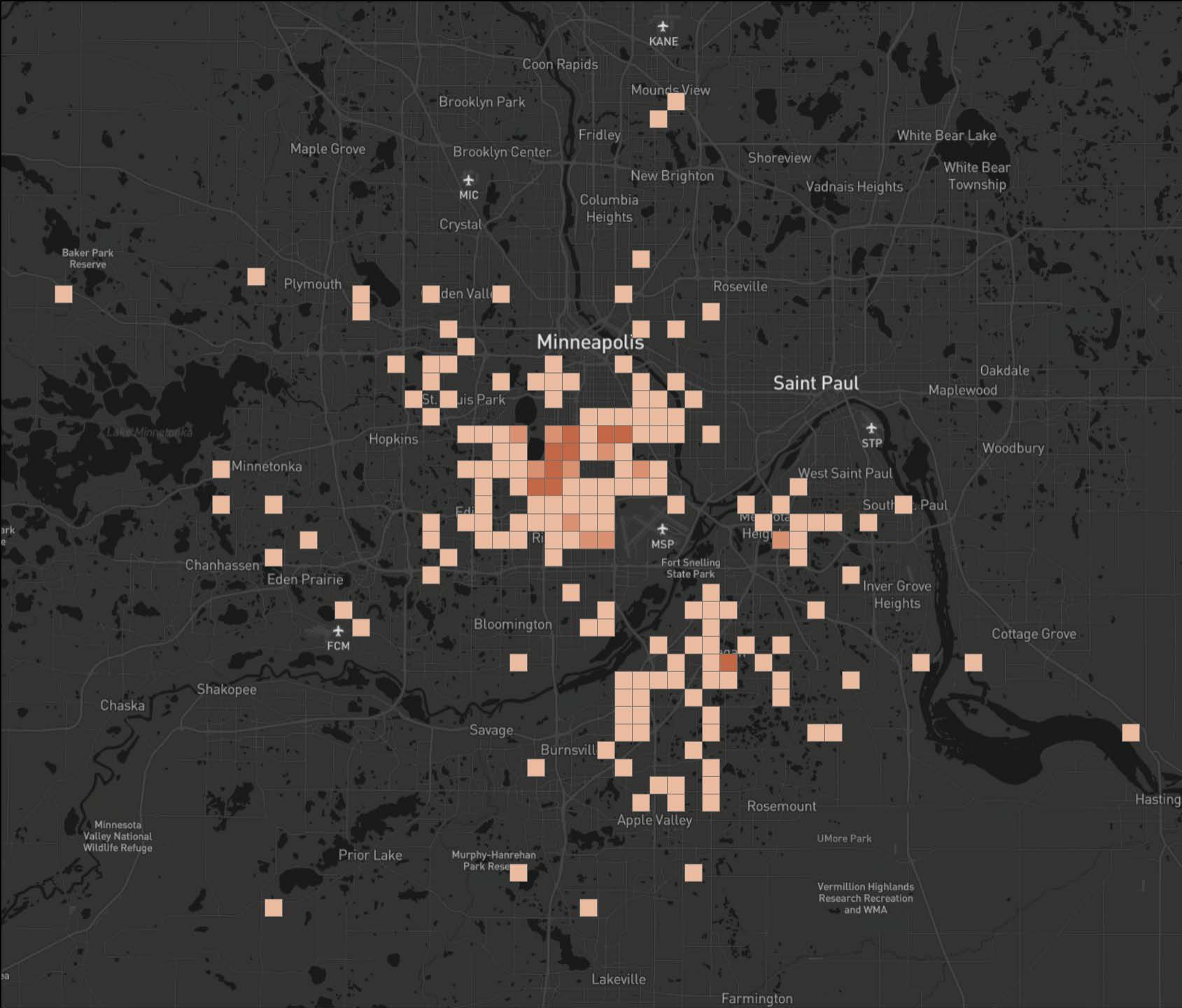
9.6%

AREAS WITH 4 OR 5 LOCATIONS

81.7%

AREAS WITH 1 – 3 LOCATIONS





OCTOBER LOCATIONS

185

AREAS WITH AT LEAST 1 LOCATION

0%

AREAS WITH MORE THAN 10
LOCATIONS

4.9%

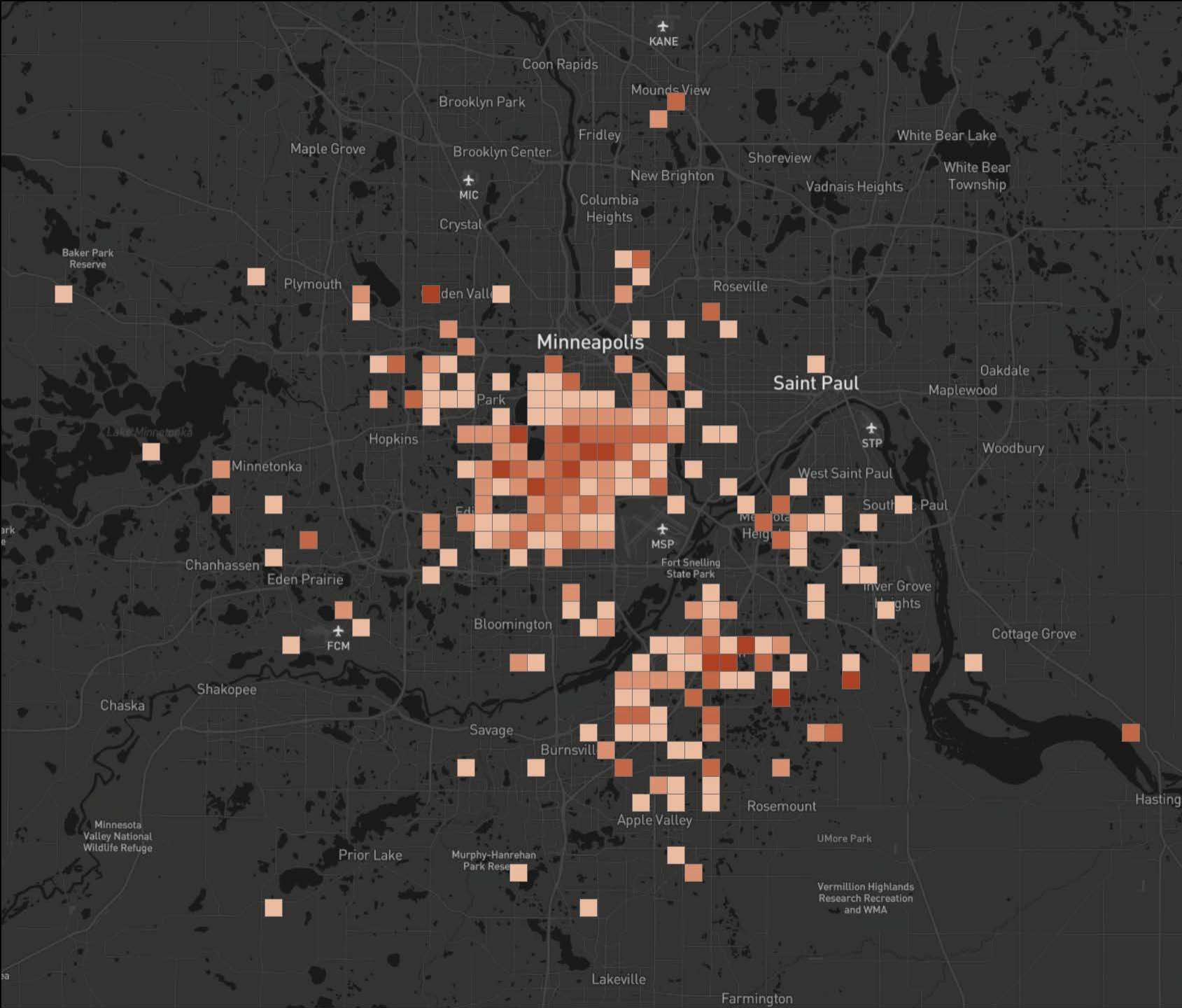
AREAS WITH 6 – 10 LOCATIONS

5.4%

AREAS WITH 4 OR 5 LOCATIONS

89.7%

AREAS WITH 1 – 3 LOCATIONS



TOTAL COMPLAINTS

238

AREAS WITH AT LEAST 1 COMPLAINT

5.5%

AREAS WITH MORE THAN 5 COMPLAINTS PER DAY

17.6%

AREAS WITH BETWEEN 1 COMPLAINT PER DAY AND 5 COMPLAINTS PER DAY

30.7%

AREAS WITH BETWEEN 1 COMPLAINT PER WEEK AND 1 COMPLAINT PER DAY

46.2%

AREAS WITH LESS THAN 1 COMPLAINT PER WEEK



TOP 10 LOCATIONS

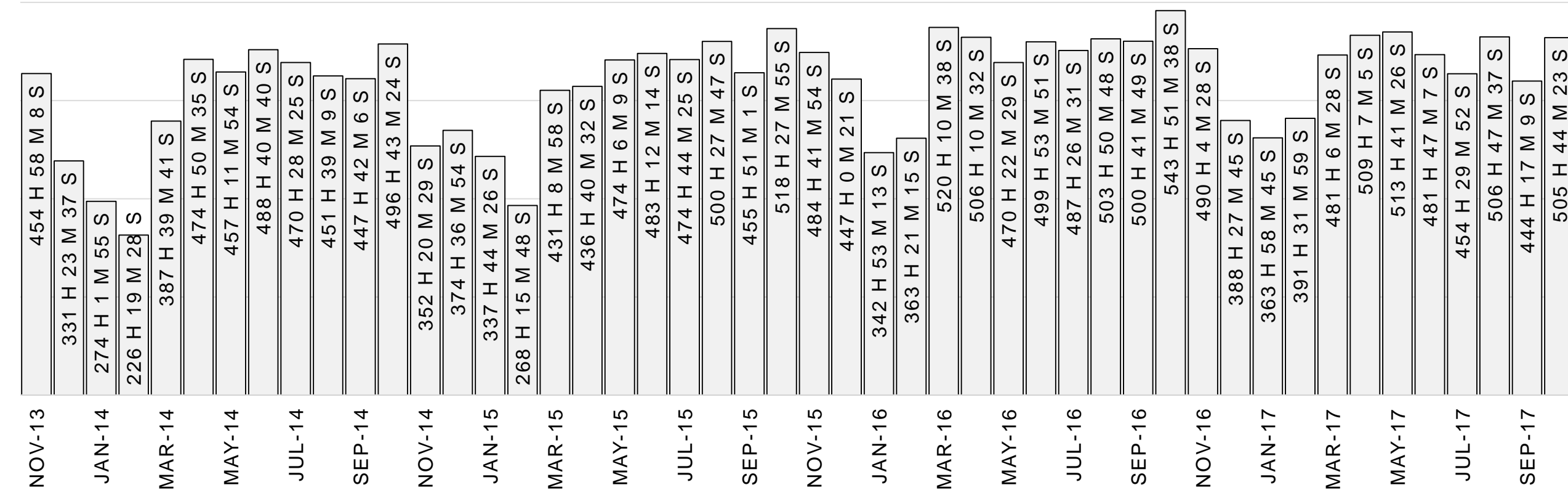
FILED
15,512
(59.4%)
COMPLAINTS DURING THE PREVIOUS
2 MONTHS

8 OF 10
LOCATIONS WERE IN THE TOP 10
FOR JULY / AUGUST DATA

458
(73.6%)
LOCATIONS FILED 10 OR LESS
COMPLAINTS

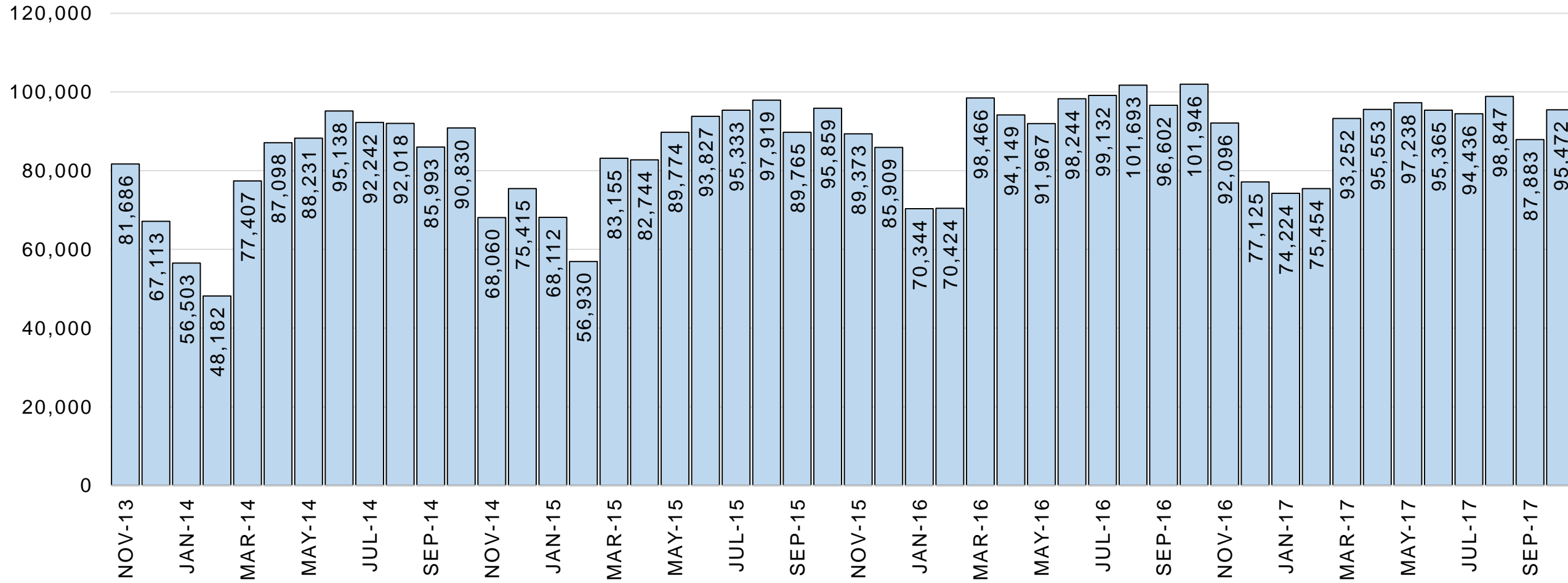
SOUND MONITORING

SEPTEMBER 2017			OCTOBER 2017		
Time Above	48_s TA ⁶⁵ per operation	444_h 17_m TA ⁶⁵	Time Above	52_s TA ⁶⁵ per operation	505_h 44_m TA ⁶⁵
Count Above	2.64 N ⁶⁵ per operation	87,883 N ⁶⁵	Count Above	2.73 N ⁶⁵ per operation	95,472 N ⁶⁵



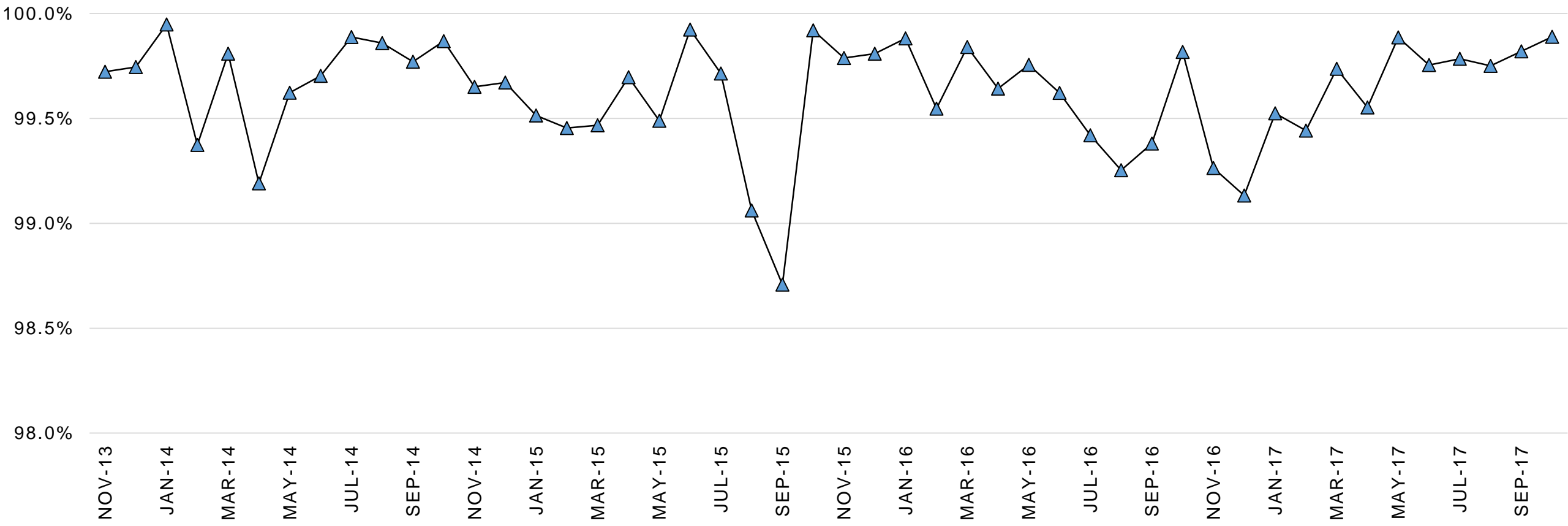
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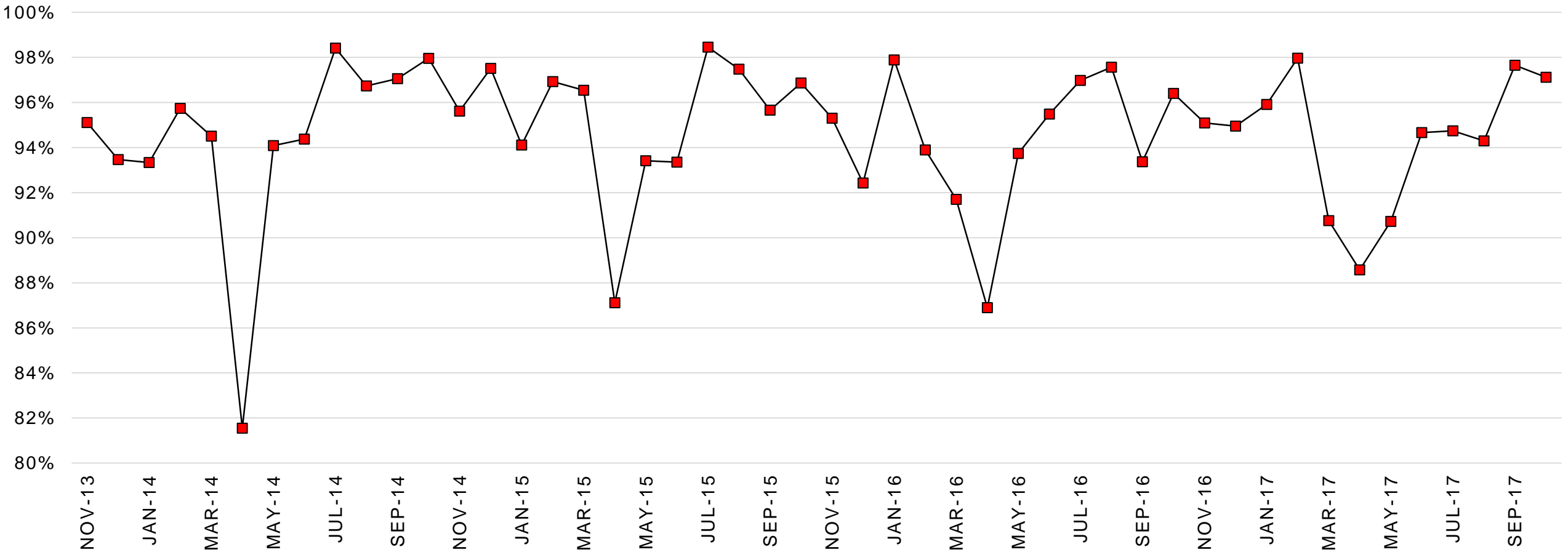
NOISE ABATEMENT

SEPTEMBER 2017				OCTOBER 2017			
Runway 17	99.8%	Cross Day	30.7%	Runway 17	99.9%	Cross Day	32.5%
Corridor	97.6%	Cross Night	46.0%	Corridor	97.1%	Cross Night	44.3%
RUS	53.7%	Arrive – 45%	Depart – 62%	RUS	53.5%	Arrive – 55%	Depart – 52%



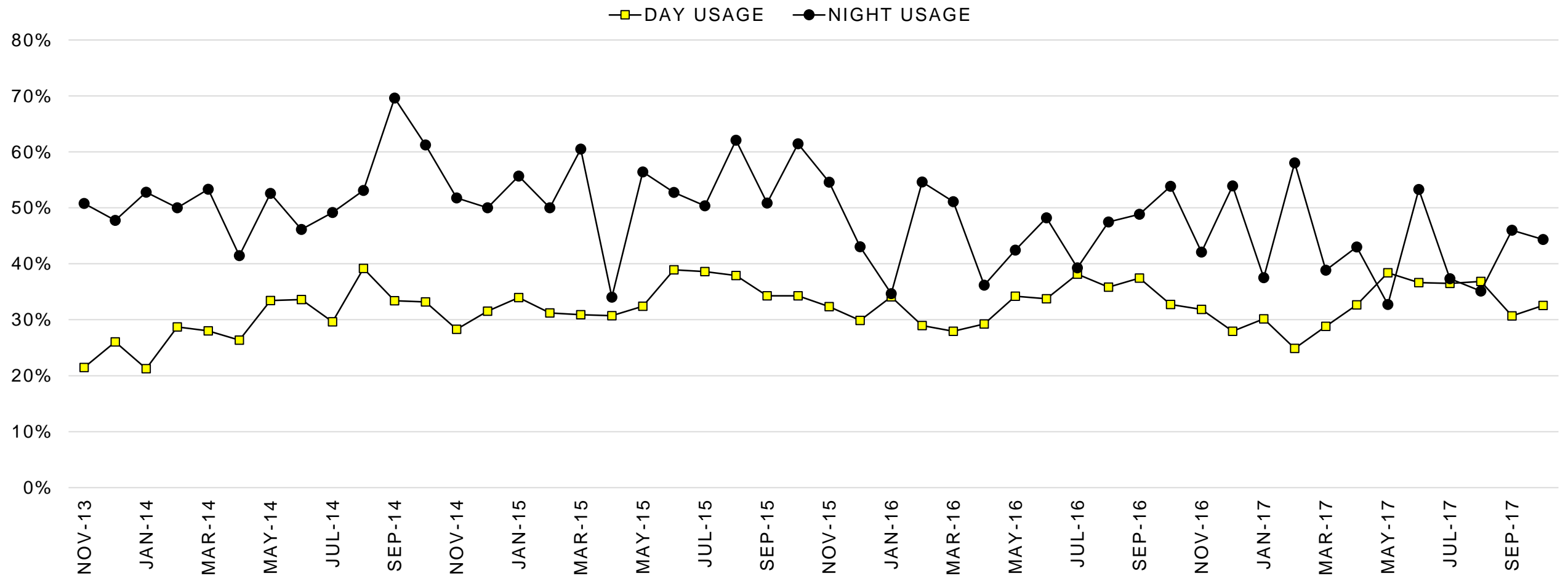
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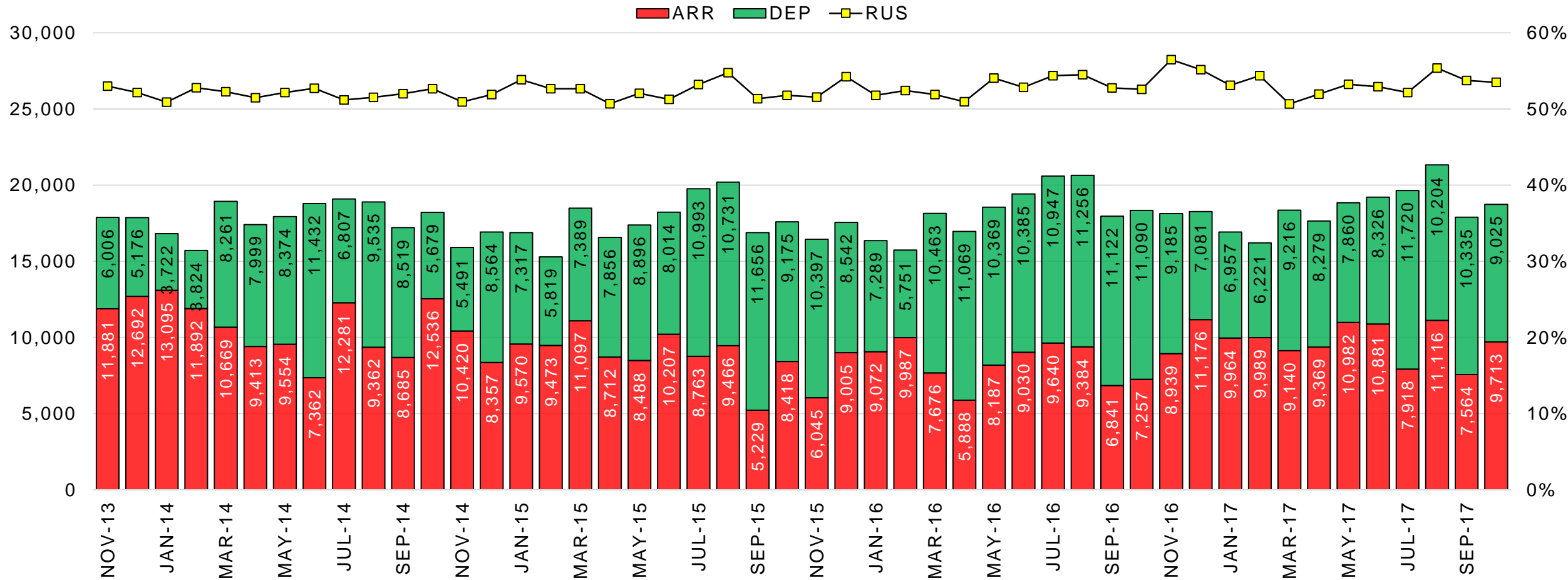
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ITEM 3 RESPONSE TO MSP FAIRSKIES REQUESTS



**NOISE OVERSIGHT COMMITTEE
NOVEMBER 15, 2017**



Item 3: Background – Previous FairSkies Request

- March 7, 2017 FairSkies letter to Dana Nelson requesting publication of 55 dB annual noise contour
- NOC discussed the request at its March 15, 2017 meeting and did not move forward with publishing a 55 dB DNL contour
- August 9, 2017 MAC staff meet with FairSkies representatives to discuss a FairSkies Forum held on June 8, 2017, in St. Louis Park
- At the meeting FairSkies representatives clarified that the catalyst for their contour request was to advance a more stringent noise metric/threshold prior to FAA returning to MSP to consider the implementation of RNAV SIDs



Item 3: Background – NOC's Mission

Provide a balanced forum for the discussion and evaluation of noise impacts around Minneapolis-St. Paul International Airport through the following functions:

- Identify, study and analyze airport noise issues and solutions
- Provide policy recommendations or options to the MAC Planning, Development and Environment Committee and Full Commission regarding airport noise issues
- Monitor compliance with established noise policy at MSP
- Ensure the collection of information and dissemination to the public.



Item 3: Background – Executing on the NOC's Mission

Identify, study and analyze airport noise issues and solutions

- 320, 340, and 360 departure headings
- Westside Cargo Engine Start Procedure
- Runway 12L and 12R Arrival Study

Provide policy recommendations or options to the MAC Planning, Development and Environment Committee and full Commission regarding airport noise issues

- 64-60 DNL noise mitigation program
- Second amendment to the Consent Decree
- RNAV SID resolution
- CRO environmental review resolution

Monitor compliance with established noise policy at MSP

- SIP annual report
- Annual Noise Contour Report
- Monthly reports

Ensure the collection of information and dissemination to the public.

- MACNOMS
- Website and interactive reports
- Communication Enhancement Plan:
 - Noise basics videos and factsheets
 - Listening sessions

September 20, 2017 NOC Meeting representatives from MSP FairSkies addressed the Committee requesting that NOC/MAC:

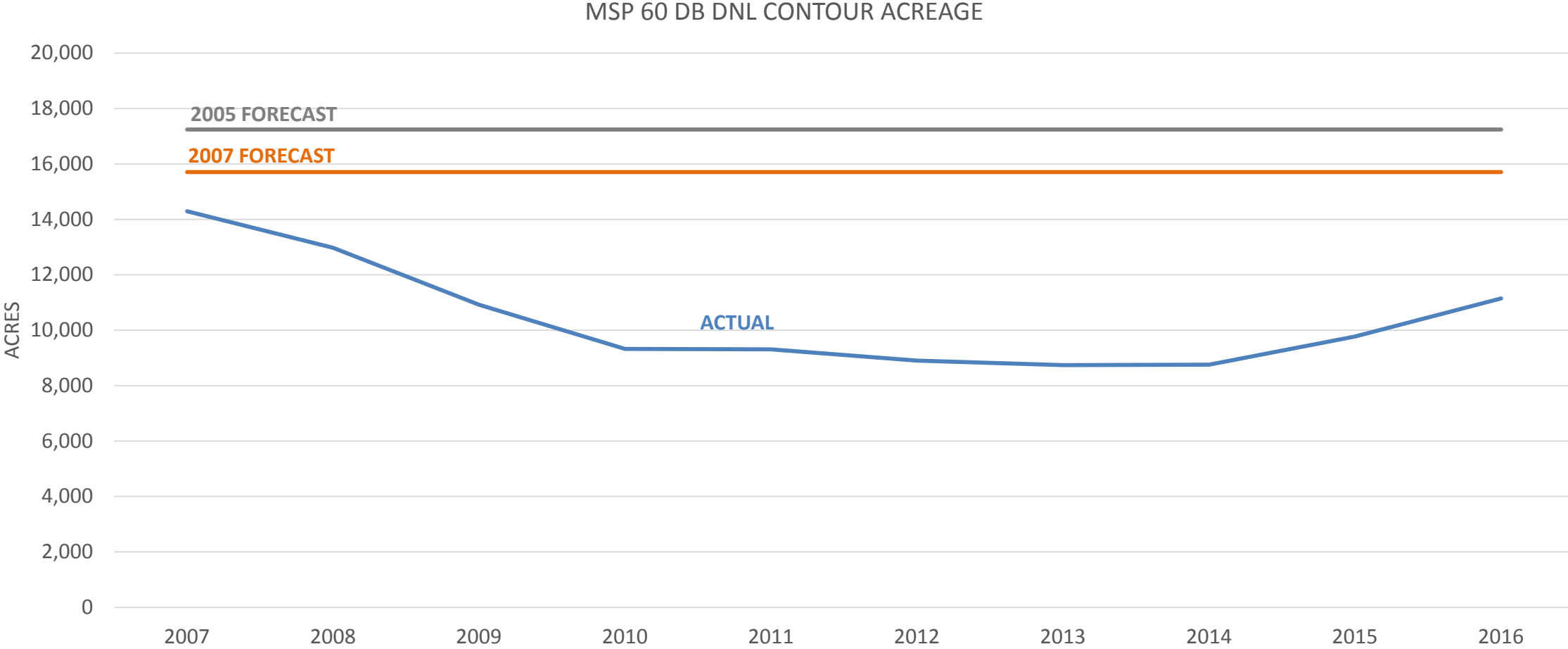
1. Produce a 55 dB NEM/Contour
2. Produce N65 NEM/Contour
3. Establish a goal to reduce noise
4. Enhance the NOC with greater stakeholder (citizen) representation

Produce a 55 dB NEM/Contour & N65 NEM/Contour

Considerations:

- Consent Decree and Annual Noise Contour Report
- Noise mitigation eligibility and resident confusion
- Partnership with the FAA on mitigation activities beyond the 65 DNL
- National FAA noise metric/threshold analysis
- Stated purpose is to have a more restrictive metric in place before FAA returns to MSP for RNAV SID implementation
- NOC RNAV resolution provides a preemptive and unanimous position on a stakeholder engagement strategy at MSP that includes consultation with community leaders prior to procedure design and environmental analysis providing the opportunity to advocate for the inclusion of alternative noise metrics to assess procedure impacts (ex. Runway 17 Departure Procedure EA).

Produce a 55 dB NEM/Contour & N65 NEM/Contour



Establish a goal to reduce noise

Considerations:

- MAC's Purpose
- Reality of U.S. Regulations
- NOC's record in the midst of a mature noise program and a heavily regulated environment
- Current focus is providing mitigation to all homes impacted at actual 60 DNL noise level

Enhance the NOC with greater stakeholder (citizen) representation

Considerations:

- MASAC and Blue Ribbon Panel
- Balanced forum
- Listening sessions
- Communication enhancement program
- A long list of NOC activities growing out of citizen input:
 - 12L and 12R Arrival Study
 - Expert Presentation on Aircraft Arrival Landing Gear Extension Procedures
 - Investigate Noise Reduction Benefits from Vortex Generators on Airbus Aircraft
 - Analyze Trends in Wind and the Relationship to Aircraft Noise Complaints
 - Eagan-Mendota Heights Corridor Turboprop Analysis
 - Investigate Noise-Reducing Landscaping Options
 - Quantify Noise Reduction Benefits of Vortex Generators on Airbus Aircraft Arrivals at MSP
 - Evaluate Distant Noise Abatement Departure Profile (NADP) Use at MSP
 - Develop a New, or Append to an Existing Monthly Report, Evaluation of the Eagan-Mendota Heights Corridor Turboprop Activity
 - Evaluate Steeper Glide Slopes for Aircraft Arrivals

NOC REQUESTED ACTION

PROVIDE COMMITTEE RESPONSE TO MSP FAIRSKIES REQUESTS

ITEM 4 ANNUAL FLEET MIX AND NIGHTTIME OPERATIONS REPORT



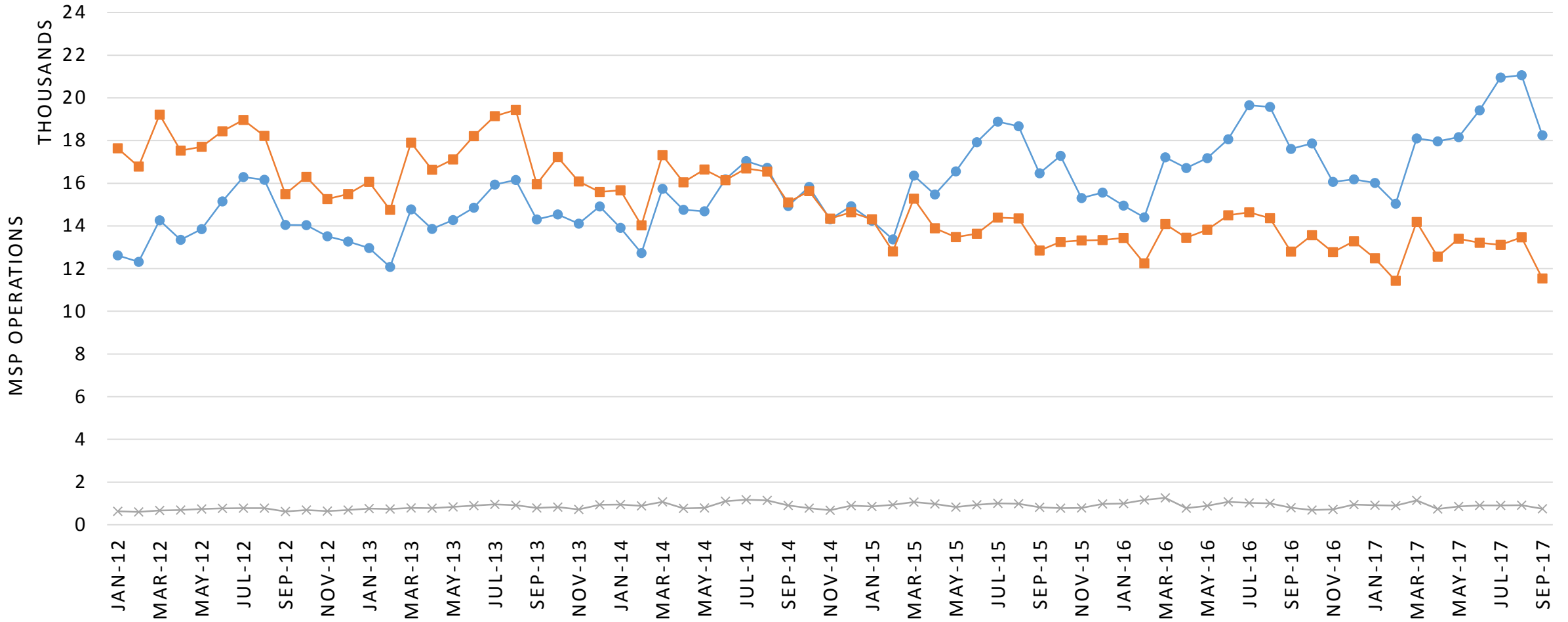
**NOISE OVERSIGHT COMMITTEE
NOVEMBER 15, 2017**



Item 4: Annual MSP Fleet Mix and Nighttime Operations Report

MONTHLY CARRIER JET COUNTS BY TYPE

● NARROWBODY ✕ WIDEBODY ■ RJ



Item 4: Annual MSP Fleet Mix and Nighttime Operations Report

GROUP	TYPE	2012	2013	2014	2015	2016	2017
							JAN-SEP
WIDE BODY	A124	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	A225	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	A310	0.01%	0.01%	0.01%	0.02%	0.00%	0.00%
	A330	0.51%	0.75%	0.69%	0.73%	0.68%	0.86%
	B742	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	B744	0.00%	0.01%	0.08%	0.03%	0.01%	0.00%
	B748	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	B762	0.05%	0.12%	0.14%	0.14%	0.14%	0.14%
	B763	0.46%	0.55%	0.83%	0.74%	0.90%	0.57%
	B764	0.19%	0.19%	0.21%	0.22%	0.24%	0.01%
	B767	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	DC10	0.28%	0.20%	0.19%	0.24%	0.13%	0.21%
	MD11	0.43%	0.51%	0.54%	0.51%	0.61%	0.51%
	A300	0.02%	0.03%	0.07%	0.07%	0.03%	0.01%
	B777	0.20%	0.18%	0.10%	0.17%	0.18%	0.36%
	A340	0.00%	0.00%	0.05%	0.07%	0.06%	0.09%
	A380	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
B7878	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
TOTAL		2.16%	2.56%	2.92%	2.94%	2.98%	2.78%

A330



B763



MD11



Item 4: Annual MSP Fleet Mix and Nighttime Operations Report

GROUP	TYPE	2012	2013	2014	2015	2016	2017* JAN-SEP
NARROW BODY	A318	0.01%	0.01%	0.00%	0.00%	0.00%	0.00%
	A319	6.35%	5.98%	7.54%	7.91%	7.23%	7.11%
	A320	9.02%	8.35%	9.61%	9.02%	9.92%	7.29%
	A321	0.37%	0.47%	0.72%	0.84%	0.46%	0.55%
	B717	1.36%	0.83%	0.59%	1.48%	2.36%	5.00%
	B733	1.05%	1.12%	0.75%	0.85%	0.67%	0.46%
	B734	0.04%	0.04%	0.04%	0.03%	0.03%	0.03%
	B735	0.25%	0.01%	0.00%	0.00%	0.00%	0.01%
	B7377	3.39%	4.43%	5.01%	4.83%	4.83%	5.09%
	B738	4.61%	4.53%	5.62%	6.78%	7.82%	9.51%
	B739	0.13%	0.13%	0.77%	2.81%	3.78%	4.92%
	B73Q	0.01%	0.00%	0.00%	0.00%	0.01%	0.00%
	B757	6.86%	6.89%	6.47%	6.39%	5.80%	6.00%
	MD80	3.45%	4.03%	3.72%	3.52%	3.59%	2.56%
	MD90	6.79%	7.84%	6.78%	8.25%	7.61%	8.66%
	B72Q	0.02%	0.01%	0.00%	0.00%	0.00%	0.00%
	DC8Q	0.05%	0.00%	0.00%	0.00%	0.00%	0.00%
DC9Q	0.19%	0.01%	0.00%	0.00%	0.00%	0.00%	
TOTAL		43.96%	44.66%	47.62%	52.73%	54.11%	57.21%

B738



A319/A320



MD90



Item 4: Annual MSP Fleet Mix and Nighttime Operations Report

GROUP		TYPE	2012	2013	2014	2015	2016	2017* JAN-SEP
REGIONAL JET	CRJ		4.28%	16.10%	0.00%	0.00%	0.00%	0.00%
	CRJ1		0.15%	0.01%	0.10%	0.00%	0.13%	0.08%
	CRJ2		20.92%	9.33%	21.40%	17.26%	17.14%	16.33%
	CRJ7		3.36%	4.11%	4.23%	3.39%	2.75%	4.10%
	CRJ9		7.38%	7.60%	10.96%	14.70%	13.71%	11.50%
	E135		0.41%	1.30%	0.06%	0.09%	0.08%	0.06%
	E145		1.26%	0.67%	1.85%	1.24%	0.22%	0.07%
	E170		15.92%	13.22%	10.60%	7.37%	8.67%	7.38%
	E175		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	E190		0.20%	0.40%	0.23%	0.25%	0.20%	0.48%
J328		0.02%	0.03%	0.03%	0.02%	0.01%	0.01%	
TOTAL			53.89%	52.77%	49.46%	44.33%	42.91%	40.01%

CRJ2



CRJ9



E170



Item 4: Annual MSP Fleet Mix and Nighttime Operations Report



A320 NEO

**50% reduced noise
compared to current A320¹**

Spirit – Operating 5 aircraft
55 more on Order
515 total MSP operations

Frontier – Operating 11 aircraft
264 total MSP operations

American – 100 on Order



B737 Max

**Designed to be 40% Quieter
than today's 737²**

Southwest – MSP operations November
8 total MSP operations
200 on Order

American – 100 on Order

United – 165 on Order



CS-100

**Quietest commercial jet in
its class³**

Delta – 75 on Order
– 50 more options

Scheduled to begin
deliveries in 2018

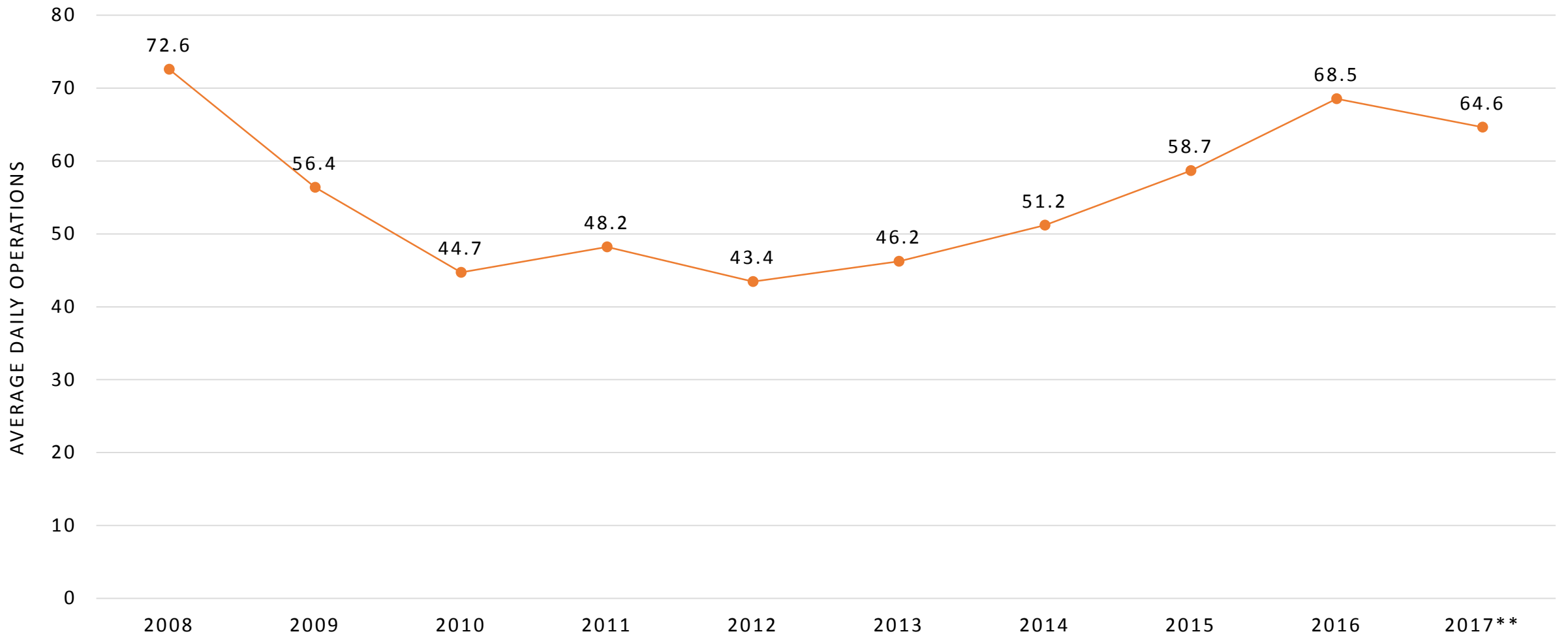
1 - https://www.lufthansagroup.com/fileadmin/data/themen/a320neo/LHG_Infografik_Laermkontur_EN.pdf

2 - <http://www.boeing.com/features/2016/09/737max-noise-09-16.page>

3 - <http://www.bombardier.com/en/media/newsList/details.tests-confirm-bombardier-c-series-aircraft-is-quietest-commercial.bombardier.com.html>

Item 4: Annual MSP Fleet Mix and Nighttime Operations Report

AVERAGE DAILY NIGHTTIME OPERATIONS 10:30 PM - 6:00 AM



**2017 CALCULATED USING JANUARY – SEPTEMBER 2017 ACTUAL DATA AND 2014 – 2016 AVERAGE OCTOBER – DECEMBER DATA

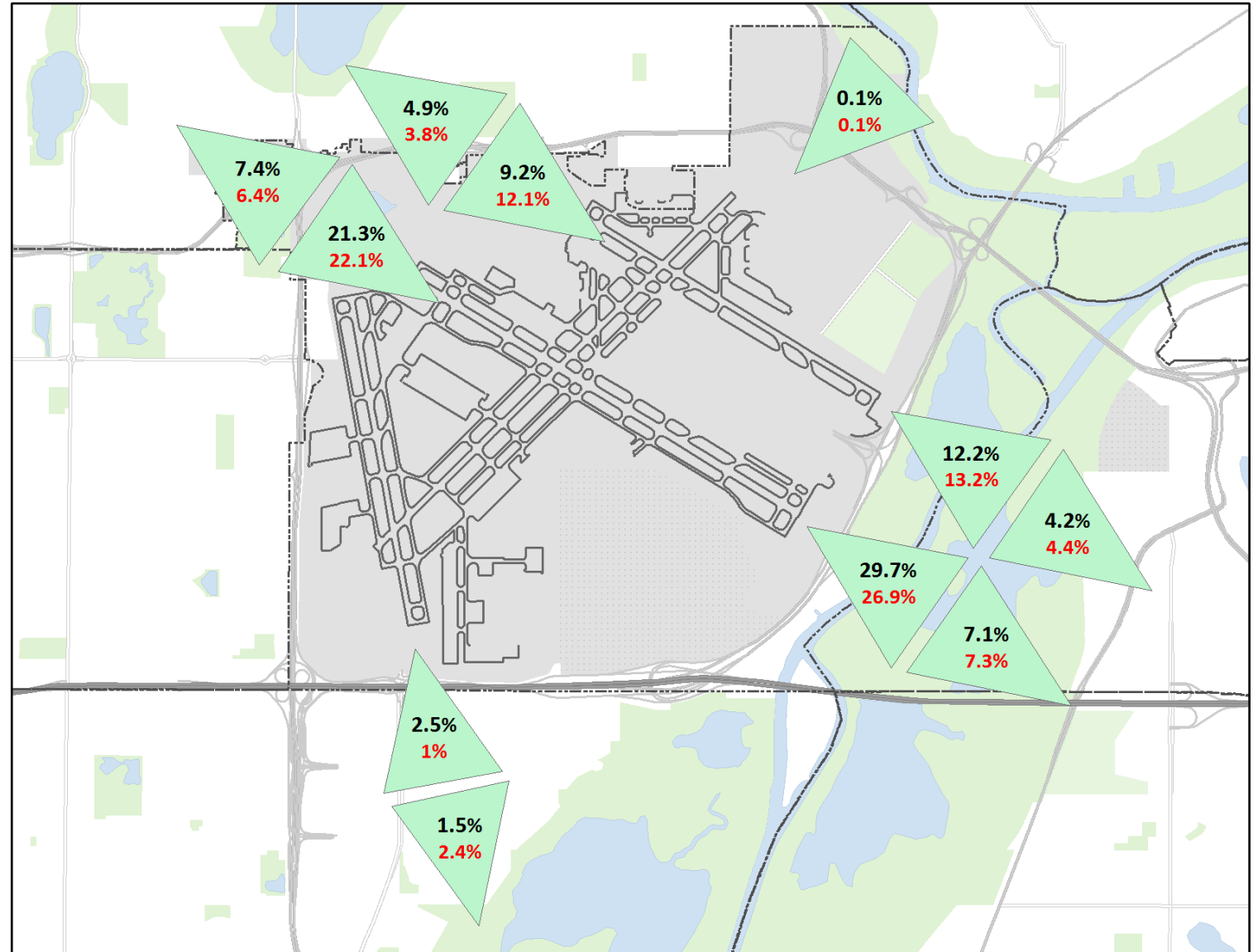
Item 4: Annual MSP Fleet Mix and Nighttime Operations Report

NIGHTTIME OPERATIONS BY RUNWAY

(10:30 PM – 6:00 AM)

BLACK: 2017**

RED: 2014 - 2016 AVERAGE



**2017 CALCULATED USING JANUARY – SEPTEMBER 2017 ACTUAL DATA AND 2014 – 2016 AVERAGE OCTOBER – DECEMBER DATA

Item 4: Annual MSP Fleet Mix and Nighttime Operations Report

NIGHTTIME OPERATIONS BY AIRLINE TOP 15 BY COUNT

(10:30 PM – 6:00 AM)

2017 (JAN-SEPT)	AIRLINE	ID	COUNT	PERCENT OF THE LISTED AIRLINE OPERATIONS OCCURRING AT NIGHT
	ALASKA	ASA	221	18.16%
	AMERICAN	AAL	1,883	14.04%
	COMPASS	CPZ	187	2.04%
	DELTA	DAL	4,650	4.26%
	ENDEAVOR AIR	EDV	394	1.40%
	FEDEX	FDX	433	23.61%
	FRONTIER AIRLINES	FFT	292	18.24%
	MESA AIRLINES	ASH	248	9.09%
	REPUBLIC AIRLINES	RPA	546	8.74%
	SKYWEST AIRLINES	SKW	1,377	2.46%
	SOUTHWEST	SWA	1,641	12.08%
	SPIRIT	NKS	942	13.55%
	SUN COUNTRY	SCX	2,888	18.20%
	UNITED	UAL	968	14.17%
UPS	UPS	650	32.53%	

ITEM 5 VORTEX GENERATOR NOISE MONITORING STUDY

DURING THE MEETING THE COMMITTEE DECIDED TO DELAY THE
PRESENTATION OF THIS REPORT UNTIL ITS JANUARY 2018
MEETING



**NOISE OVERSIGHT COMMITTEE
NOVEMBER 15, 2017**



ITEM 6 APPROVAL OF 2018 WORK PLAN, MEETING DATES AND 2017 ACCOMPLISHMENTS



**NOISE OVERSIGHT COMMITTEE
NOVEMBER 15, 2017**



Item 6: Approval of 2018 NOC Work Plan, Meeting Dates and 2017 Accomplishments

Draft 2018 MSP NOC WORK PLAN

1. Review Residential Noise Mitigation Program
2. MSP Noise Program Specific Efforts
 - a) 2017 Actual Noise Contour Report and Residential Noise Mitigation Program Eligibility
 - b) Update on the MSP Long Term Comprehensive Plan and Associated Stakeholder Engagement
 - c) Update on the FAA's Survey to Re-Evaluate Noise Measurement Methods
 - d) Improve MAC Noise and Operations Monitoring System (MACNOMS) for a Better User Experience
 - e) MSP Fleet Mix and Nighttime Operations Assessment
 - f) Status of FAA Center of Excellence/ASCENT, TRB, and FICAN Research Initiatives
 - g) Update on Converging Runway Operations at MSP
 - h) Evaluate Mendota Heights Airport Relations Commission Runway 12L Departure Proposal
3. Continue to Review Input Received from quarterly Listening Sessions as Possible Agenda Items



Item 6: Approval of 2018 NOC Work Plan, Meeting Dates and 2017 Accomplishments

CONSIDERATIONS FOR THE 2018 MSP NOC WORK PLAN

Invite Speakers to present to the NOC

- Aircraft engine manufacturer
- FAA Regulator
- Health and noise expert

Noise Reduction / Goal Setting

- Reduce noise for individuals outside the mitigation area
- Model flight frequency and convert into a noise measurement
- Establish limits to the frequency of flights
- Set measureable goals
- Like to see annual summary of goals, timelines and progress
- Set goals to reduce nighttime flights/noise

Dispersion of Flights

- Modify departure headings from 30L to distribute flights, specifically near the Cornelia Elementary School area (Edina)
- Disperse arrivals and evaluate altitudes
- Study how to use the new runway so takeoffs / landings will be better dispersed
- Use all the runways to create more flight paths so the noise is shared

Pollution / Health

- Measure and quantify health and stress effects from noise in the MSP area
- Study the effect of aircraft activity on pollution and how it can be mitigated

Source Reduction

- Explore the possibility of requesting a grant that would reduce the noise from the aircraft
- Can the FAA accelerate the retirement of older aircraft?

Best Practices

- Identify a town with an international airport that and use best practices here
- Watch Michael Moore, *Where to Invade Next* documentary.
- Produce comparative reports on MSP vs. other benchmark / leader airports that look at noise reductions and rank MSP

Operational Considerations

- What can we do to ensure the highway in the sky (RNAV SID) does not happen at MSP?
- Do bigger planes make more noise, if so can they be routed differently or could they be dispersed?
- Make aircraft adhere to steeper departures or landings
- Keep planes as high in the air as possible before they drop down over homes that are mitigated
- Evaluate the benefits/costs/negative impacts of the RNAV arrivals
- Stagger arrival and departure times and flight patterns
- Evaluate whether the Runway Use System is really used
- Who benefits from the distant noise abatement departure profiles or not benefit?
- Study options to use Runway 17/35 and/or fly over the river



Item 6: Approval of 2018 NOC Work Plan, Meeting Dates and 2017 Accomplishments

CONSIDERATIONS FOR THE 2018 MSP NOC WORK PLAN (Cont'd)

NOC Bylaws

- Change Bylaws so that attendees no longer need their representative sponsor their comments
- Increase number of NOC representatives
- Give Edina and St. Louis Park their own seat on the NOC and no longer be under the member-at-large
- Clarify NOC's role or authority in airport operations
- We need more citizen representation in the meeting
- Reorganize NOC membership to include:
 - At Large rep from Edina / St. Louis Park
 - Reduce / Combine industry reps
 - And a rep for Resident at large

MSP / Alternate Facilities

- Consider moving the airport
- Study the future growth of the airport
- Evaluate the freight traffic, consider adjusting time of day or moving to another facility, impose fee for nighttime
- Advocate to increase takeoff and landing fees to reduce flights
- Can we fine airlines for late night flights and use money to subsidize noise reduction?
- Push for the use of St. Cloud airport and light rail connection to MSP
- Lobby legislature to move the airport halfway between MSP and Rochester

Reports

- Conduct a departure analysis similar to the one completed in 2012 (conducted by FAA Support Specialist)
 - Comparison to the 2012 study by aircraft type, noise, altitude, frequency (heading 360°)
 - Are flights dispersed across the cities
 - Consider this as an annual report
- NOC advocate to have 55 dB
- Annual report of data – Stats to review and measure to understand impact and progress
 - Number of flights
 - How many flights departed / arrived on the specific runways
 - Times of flights
 - Daily flight patterns
 - Average altitude of flights
 - Lowest / highest flight altitude
 - Noise levels contour map
- Produce annual reports on 55 dB (just to have data)



Item 6: Approval of 2018 NOC Work Plan, Meeting Dates and 2017 Accomplishments



2017 MSP NOC Accomplishments

1. Reviewed the MSP 2016 Annual Noise Contour Report published per the requirements of the Amended Consent Decree, including maps and text for noise mitigation program qualification.
2. Received an update and celebrated the results on how Optimized Profile Descent (OPD) flight procedures have reduced the carbon footprint of aircraft arriving to MSP by 28,465 metric tons as a result of Area Navigation (RNAV) arrival procedure implementation in March 2015.
3. Heard an update on the adjustments made to Area Navigation (RNAV) Standard Terminal Arrival Routes (STARs) by the FAA.
4. Received regular updates from the FAA on Converging Runway Operations and advocated the FAA follow the requests from the NOC's Resolution #02-2016 to do an environmental and capacity study on the existing and future impacts of CRO and to utilize the MSP runways and flight headings that would disperse noise.
5. Received an update on the U.S. Court of Appeals for the DC Circuit decision regarding the FAA's implementation of Performance Based Navigation procedures at Phoenix Sky Harbor International Airport.
6. Reviewed and approved a new monthly report containing MSP operations, aircraft noise complaints, sound level measurements and noise abatement procedure data consolidated in a four-page report accompanied with a new interactive website publishing in-depth noise data to the public.
7. Expanded the interactive reports website to report turboprop activity outside the Eagan-Mendota Heights Corridor and developed and approved an alternate way to report the Runway Use System based on airport flow.
8. Received regular updates on and provided feedback to the MAC regarding its Noise Program Communication Enhancement Plan, which included redesigning quarterly public meetings to improve community engagement and developing four Noise Basics videos and fact sheets to help explain the various aspects of aircraft noise.
9. Heard from the MAC Executive Director and CEO, Bryan Ryks on updates on the organization, recent accolades, trends in passengers and operations and future development at MSP.
10. Received a report on two airports using steeper glide slopes for noise reduction purposes and evaluated the operational and financial feasibility as well as the noise benefits of implementing a steeper glide slope at MSP above the standard 3-degrees.
11. Evaluated the benefits associated with implementing a Fly Quiet Award Program to reward aircraft operators for their noise reduction efforts and evaluated three airports that have instituted a program in the past.
12. Received a presentation from Delta Air Lines on their fleet mix plans at MSP.
13. Studied the history and use of Distant Noise Abatement Departure Profiles (NADPs) at MSP
14. Completed a Fleet Mix and Nighttime Operations Assessment to receive greater detail about what types of aircraft use MSP and what flights are operating at night.

Item 6: Approval of 2018 NOC Work Plan, Meeting Dates and 2017 Accomplishments



2017 MSP NOC Accomplishments (Cont'd)

15. Reviewed research initiatives from FAA Center of Excellence/ASCENT, TRB, and FICAN.
16. Received ongoing review of the monthly operations reports, including the FAA's use of the Runway Use System (RUS).
17. Received a report on an airport using landscaping in an effort to reduce ground noise for surrounding neighborhoods and discussed the efficacy of a similar option at MSP.
18. Commissioned a mobile noise monitoring study to quantify the noise reduction benefits of Vortex Generators on the Airbus 320 family of aircraft.
19. Received an update on the FAA's efforts to re-evaluate noise measurement methods at U.S. airports.
20. Received a status update on the communication efforts and the implementation of the Residential Noise Mitigation Program from the Project Manager who reported that 138 single-family homes and 88 multi-family units in Minneapolis are eligible to receive sound insulation packages in 2017 and additional 286 single-family homes are eligible to receive insulation packages in 2018.
21. Heard an update on the 2018 Super Bowl in Minneapolis and the FAA's and MAC's efforts to prepare, communicate and facilitate the associated demand on the airspace and airport facilities.
22. Received an update on the Second Amendment to the Consent Decree, which allows the MAC to use the new FAA-approved noise modeling software in the development of the annual noise contours and clarified language regarding homeowners choosing to opt out of the program.
23. Evaluated citizen input received during quarterly Listening Sessions as possible discussion topics at future NOC meetings.
24. Conducted the Fall Listening Session to collect ideas from citizens on what they would like the NOC to include in its 2018 Work Plan.

Item 6: Approval of 2018 NOC Work Plan, Meeting Dates and 2017 Accomplishments



2018 MSP NOC Meeting Dates

Staff recommends the following 2018 NOC meeting dates:

- January 24*
- March 21
- May 16
- July 18
- September 19
- November 28*

*The January and November meetings are suggested to be held the 4th Wednesday of the month to avoid weeks with holidays that may result in reduced attendance.

As has been the case, the agenda review session would begin at 1:00 PM and the regular meeting at 1:30 PM. Meetings will be at the MAC General Offices, unless otherwise noted.

REQUESTED ACTION

APPROVE AND RECOMMEND TO THE MAC PLANNING, DEVELOPMENT AND ENVIRONMENT COMMITTEE THE FINAL 2018 MSP NOC WORK PLAN AND APPROVE THE LIST OF 2017 ACCOMPLISHMENTS AND 2018 MEETING DATES.



NOISE OVERSIGHT COMMITTEE
NOVEMBER 15, 2017



ITEM 7
REVIEW OF OCTOBER 25, 2017 LISTENING SESSION

Item 7: Review of October 25, 2017 Listening Session

26 residents attended the Fall Listening Session at the MAC General Offices.

The majority of the attendees were from Minneapolis and Edina.

The meeting was also attended by MAC Staff, FAA, NOC, Minneapolis City Staff and Delta Air Lines.

Ideas were solicited from attendees for the NOC's consideration on its 2018 work plan. Verbal comments were collected and included on the meeting's presentation slides: https://www.macnoise.com/sites/www.macenvironment.org/files/pdf/20171025_fall_final.pdf

Written comments were summarized and posted on the website: <https://www.macnoise.com/sites/www.macenvironment.org/files/pdf/comments.pdf>



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ITEM 8
PUBLIC COMMENT PERIOD





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ITEM 9
ANNOUNCEMENTS

