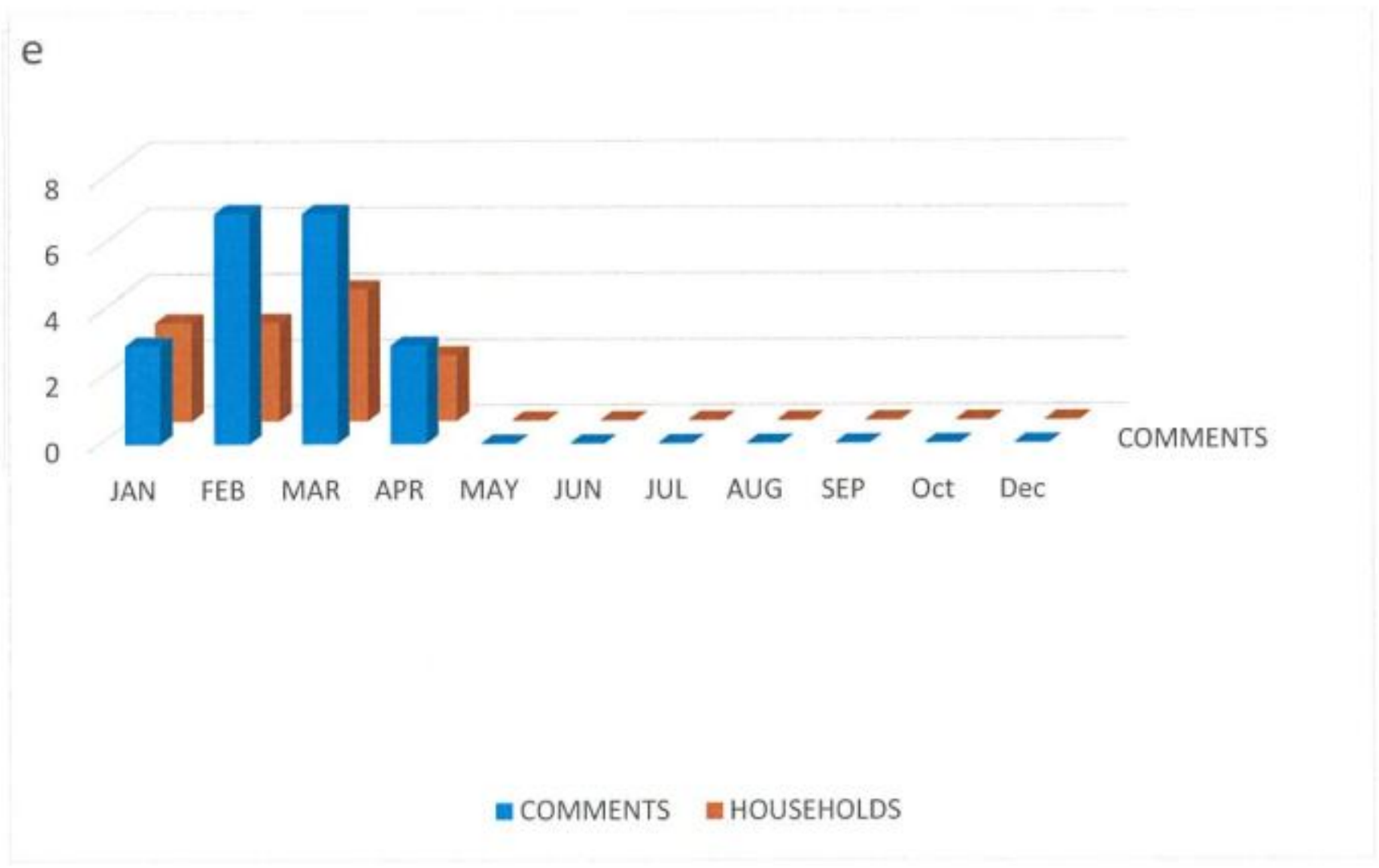
1. Citizen' Comments

A 24-hour recorded line allows citizens to contact airport personnel with questions and comments about aircraft and airport activity.
The "Noise line" calls are recorded and analyzed to identify trends.
Follow-up actions may include analysis of recurring events and responses to each individual citizen when requested. The chart presents the total number of households calling the noise line and total calls received by month.

2024	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	Oct	Dec
COMMENTS	3	7	7	3	0	0	0	0	0	0	0
HOUSEHOLDS	3	3	4	2	0	0	0	0	0	0	0



3. Quarterly Noise Metrics

The report illustrates the cumulative DNL (average Day/Night level in decibels) at all PBIA sites in various categories over a 3 month (quarterly) period.

Noise Report

Noise Climate

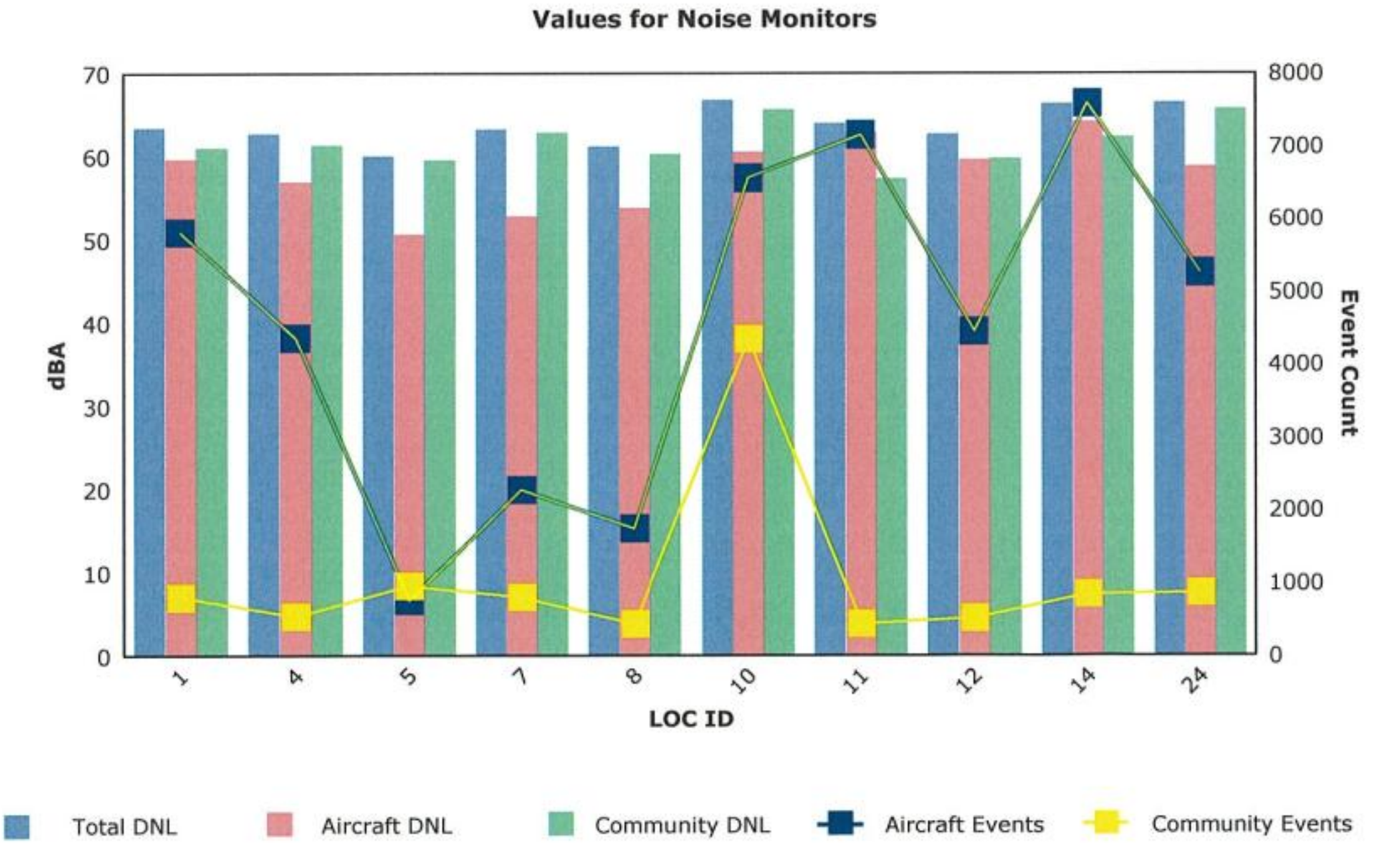
Palm Beach International

Start Date: 01-Apr-2024

End Date: 30-Apr-2024

Metric: DNL

LOC ID	Monitor Location	Aircraft DNL	Community DNL	Total DNL	Aircraft Events	Community Events
1	Petty Prk	59.6	61.1	63.4	5819	800
4	Omar Rd	57.0	61.3	62.7	4365	544
5	Island Rd	50.6	59.6	60.1	764	963
7	Easy St	52.8	62.9	63.3	2281	803
8	Elm Rd	53.8	60.3	61.2	1745	435
10	Elmhurst Rd	60.5	65.6	66.8	6564	4349
11	Lime Rd	62.9	57.3	63.9	7156	438
12	Club Rd	59.6	59.8	62.7	4456	517
14	Paseo	64.2	62.3	66.4	7588	849
24	Glen Ridge	58.7	65.7	66.5	5262	867



Noise Report

Noise Climate

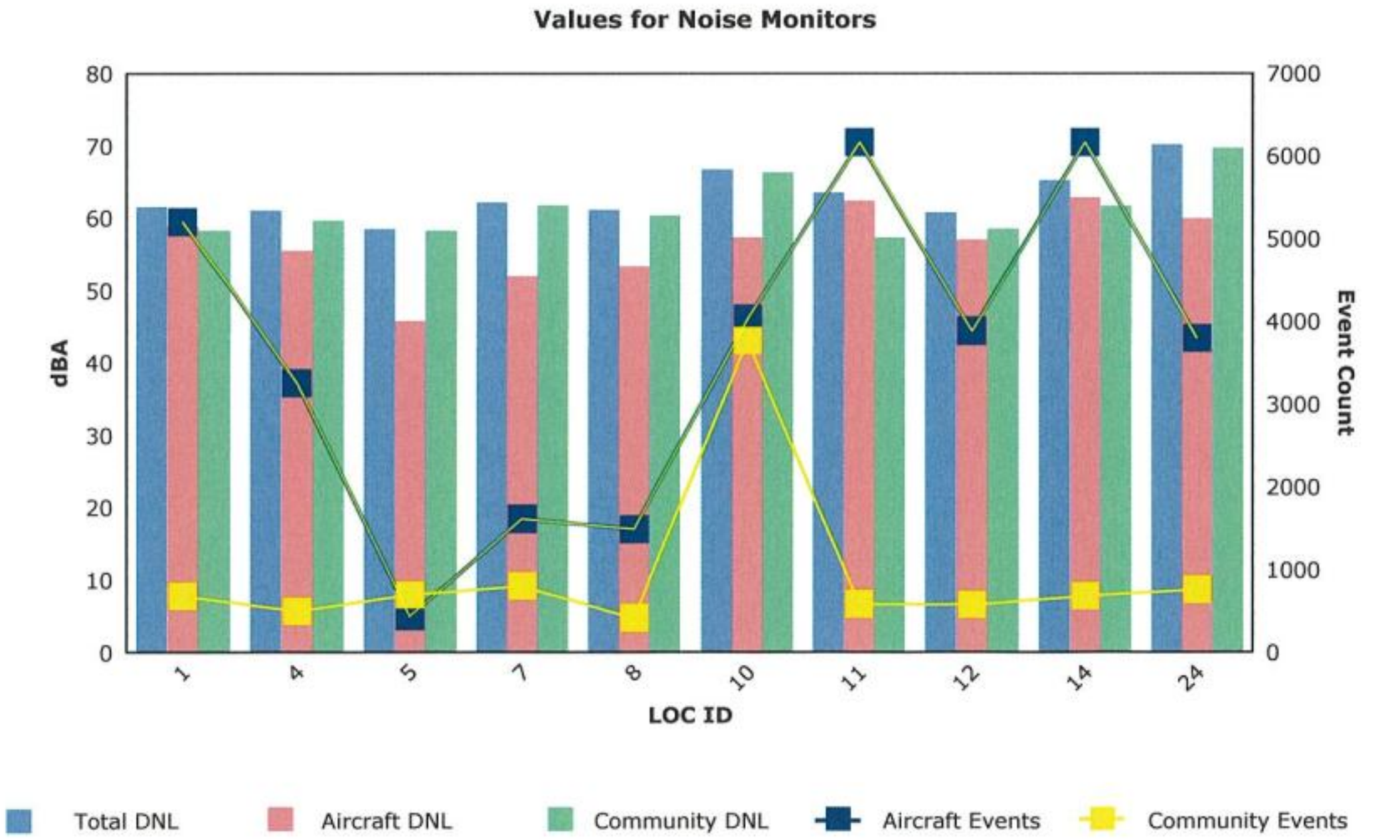
Palm Beach International

Start Date: 01-May-2024

End Date: 31-May-2024

Metric: DNL

LOC ID	Monitor Location	Aircraft DNL	Community DNL	Total DNL	Aircraft Events	Community Events
1	Petty Prk	58.8	58.3	61.6	5206	679
4	Omar Rd	55.5	59.7	61.1	3253	497
5	Island Rd	45.7	58.3	58.5	439	698
7	Easy St	52.0	61.7	62.2	1615	803
8	Elm Rd	53.2	60.3	61.1	1491	416
10	Elmhurst Rd	57.2	66.2	66.7	4037	3768
11	Lime Rd	62.4	57.2	63.5	6165	584
12	Club Rd	56.9	58.5	60.8	3885	575
14	Paseo	62.8	61.7	65.3	6165	679
24	Glen Ridge	59.9	69.7	70.1	3798	760



Noise Report

Noise Climate

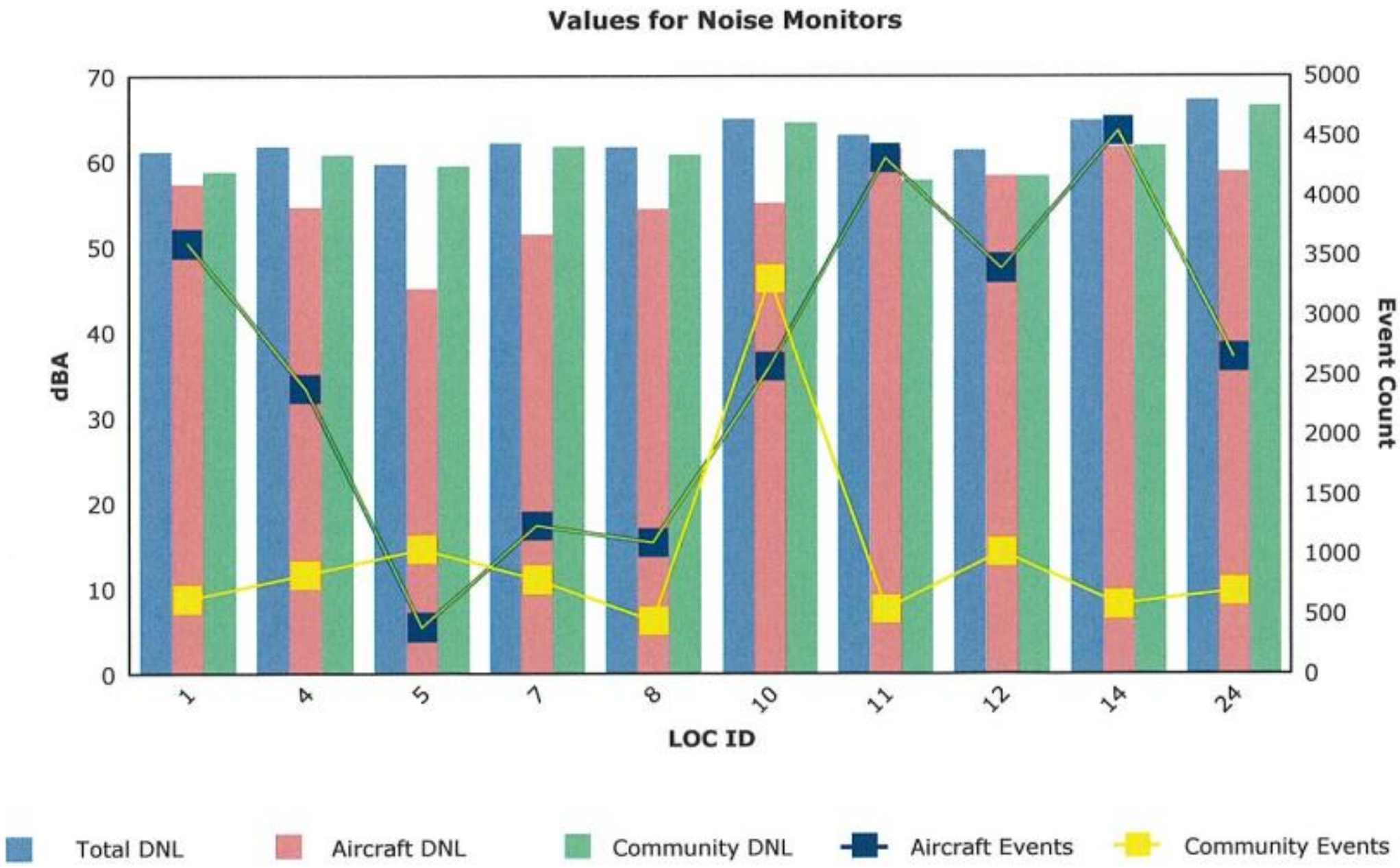
Palm Beach International

Start Date: 01-Jun-2024

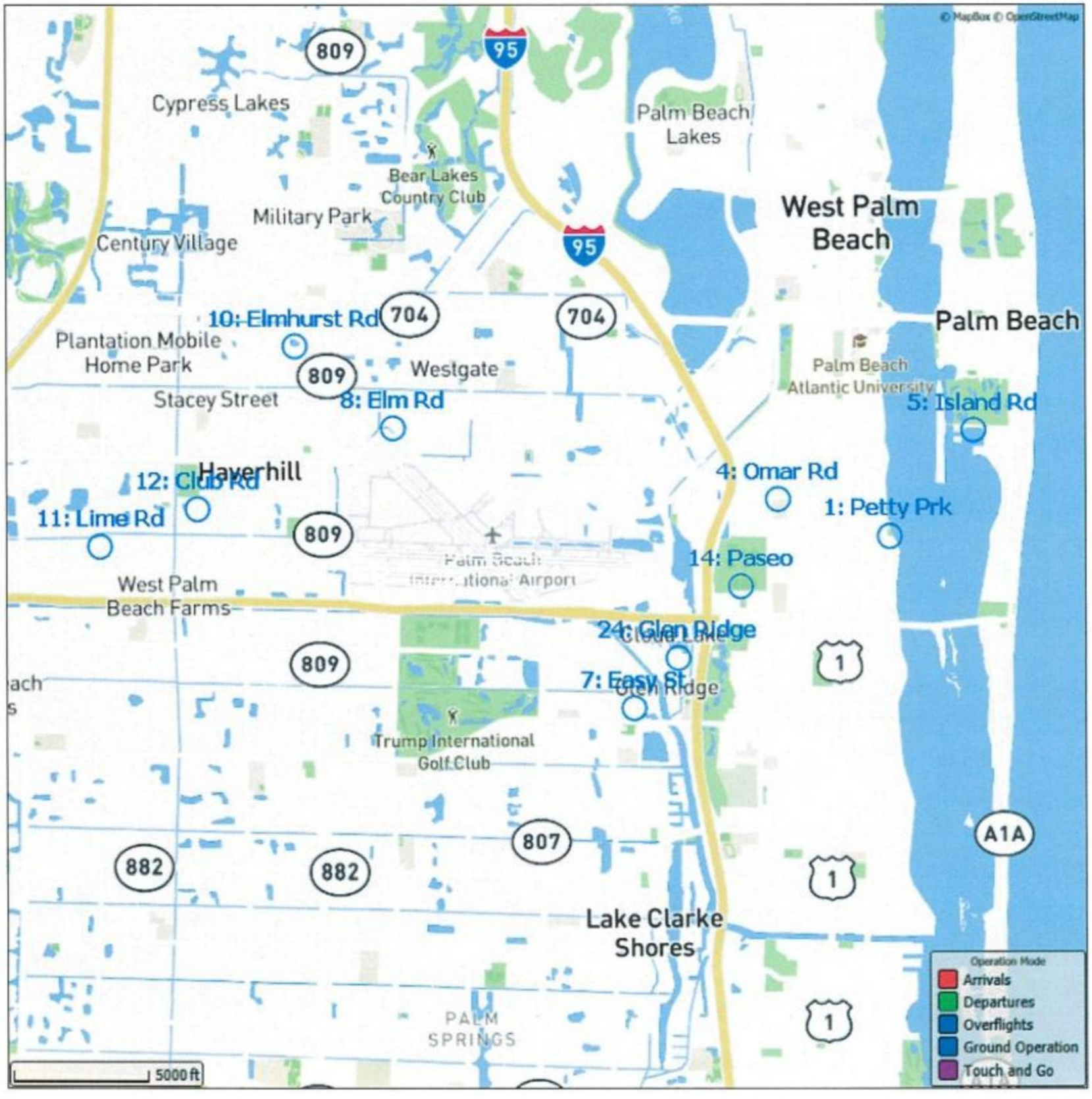
End Date: 30-Jun-2024

Metric: DNL

LOC ID	Monitor Location	Aircraft DNL	Community DNL	Total DNL	Aircraft Events	Community Events
1	Petty Prk	57.3	58.8	61.1	3600	625
4	Omar Rd	54.6	60.8	61.7	2385	830
5	Island Rd	45.1	59.5	59.6	390	1043
7	Easy St	51.4	61.7	62.1	1238	789
8	Elm Rd	54.4	60.7	61.6	1097	444
10	Elmhurst Rd	55.1	64.5	65.0	2570	3304
11	Lime Rd	61.5	57.8	63.0	4311	540
12	Club Rd	58.3	58.3	61.3	3392	1021
14	Paseo	61.6	61.9	64.8	4541	582
24	Glen Ridge	58.8	66.5	67.2	2649	692



Wed, 31 Jul 2024 09:38:50 2D-View Position: 26.683698 -80.087386 Scale: 11875



2. Noise Climate Report

This report describes noise activity around PBIA. 10 sites collect continuous noise data linked with flight tracks from the PBIA radar to identify aircraft and community noise events. The threshold for a day event is 70 dBA and 65 dBA at night. Noise must remain above these thresholds for 8 seconds to be recorded as an "event". This report covers the quarter.

Noise Report

Noise Climate

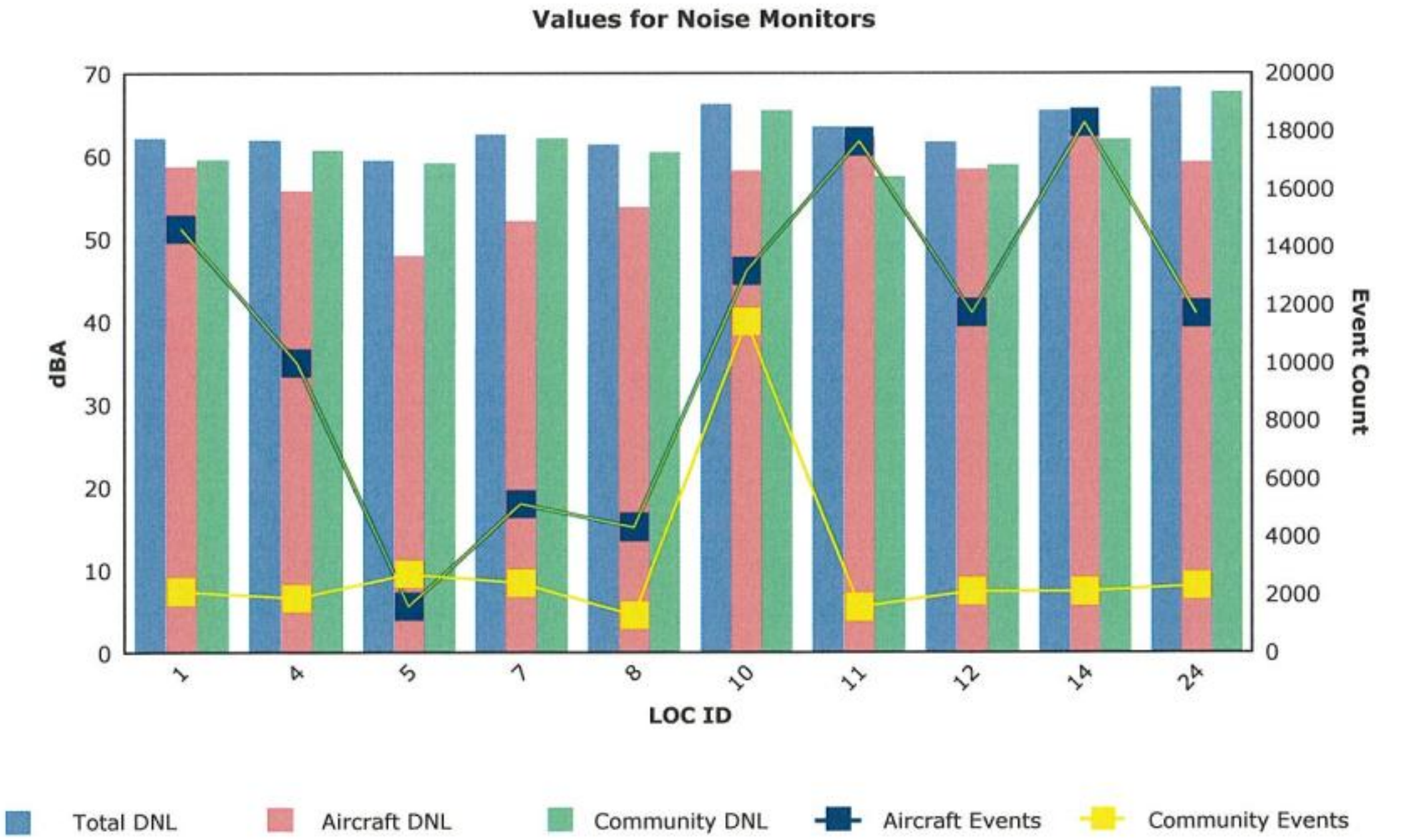
Palm Beach International

Start Date: 01-Apr-2024

End Date: 30-Jun-2024

Metric: DNL

LOC ID	Monitor Location	Aircraft DNL	Community DNL	Total DNL	Aircraft Events	Community Events
1	Petty Prk	58.7	59.5	62.2	14625	2104
4	Omar Rd	55.8	60.6	61.9	10003	1871
5	Island Rd	47.9	59.1	59.5	1593	2704
7	Easy St	52.1	62.1	62.6	5134	2395
8	Elm Rd	53.8	60.5	61.3	4333	1295
10	Elmhurst Rd	58.2	65.5	66.2	13171	11421
11	Lime Rd	62.3	57.5	63.5	17632	1562
12	Club Rd	58.4	58.9	61.7	11733	2113
14	Paseo	63.0	62.0	65.5	18294	2110
24	Glen Ridge	59.2	67.7	68.3	11709	2319



4. Runway Summary Report

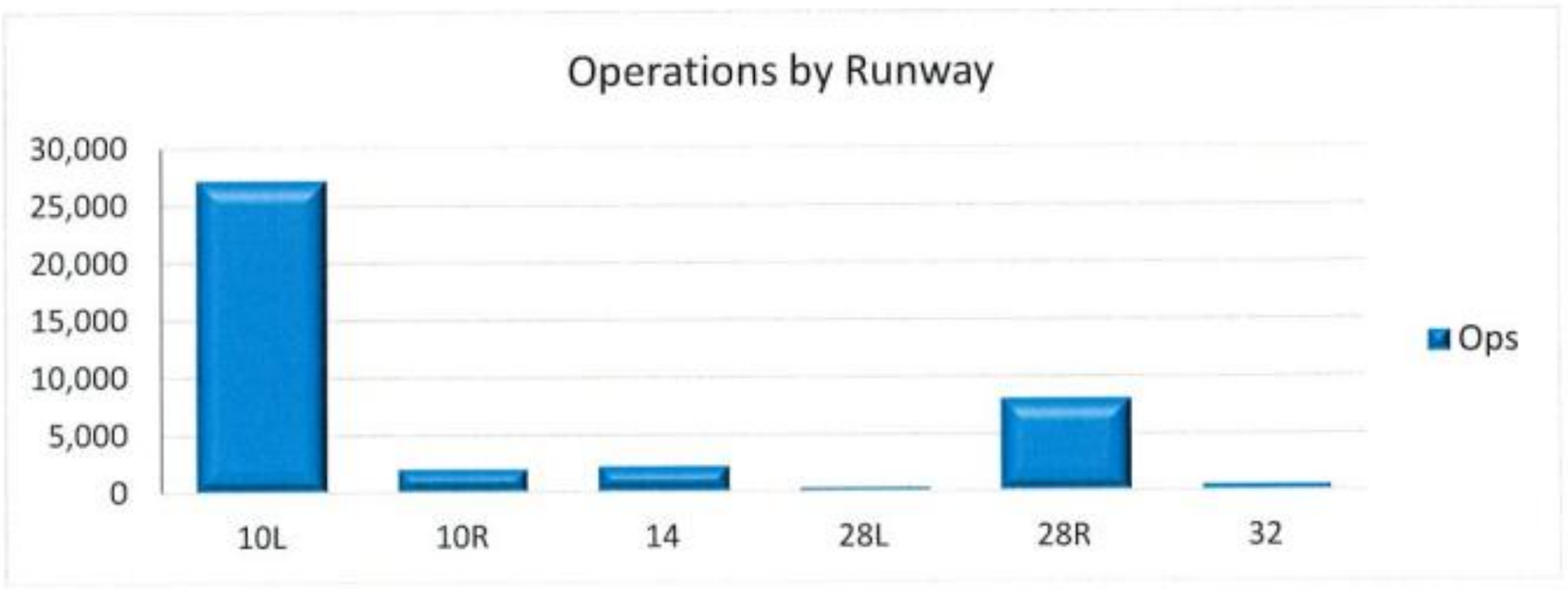
The report depicts total of arrivals and departures by runway for the quarter.

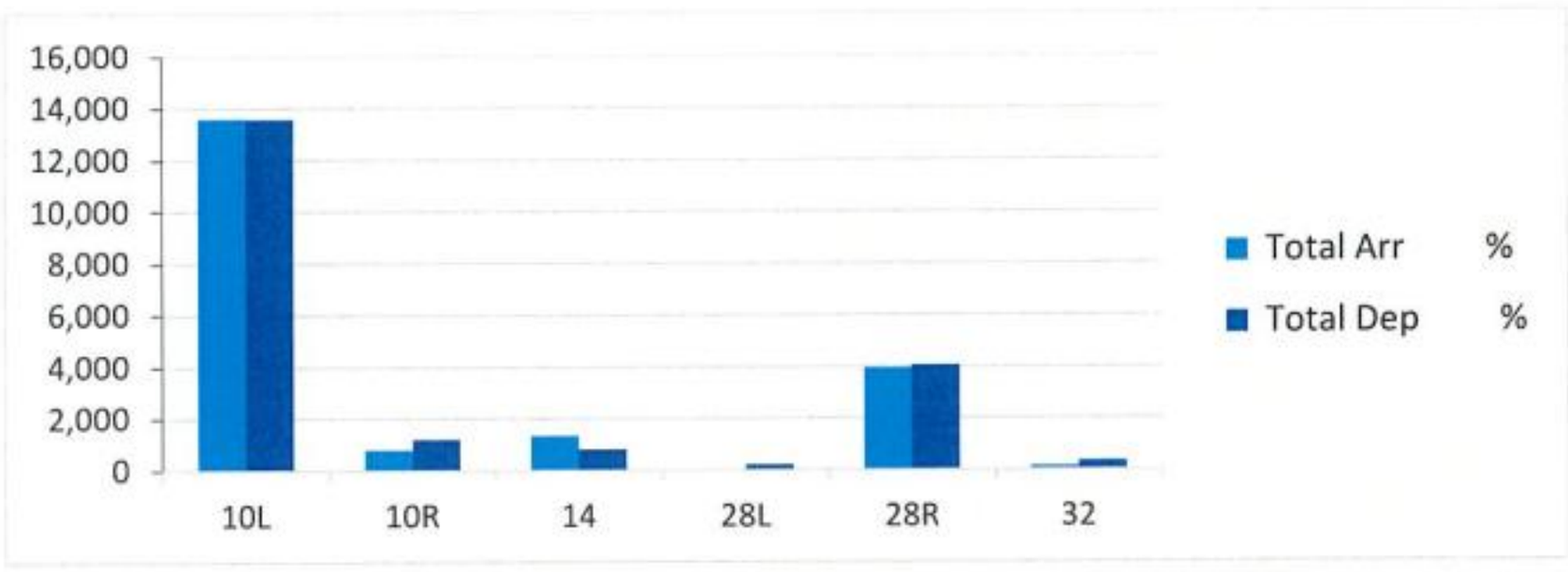
Summary of Aircraft Arrivals and Departures Report

Period from April 1 to June 30, 2024

	Day				Night			
	Day Arr	%	Day Dep	%	Night Arr	%	Night Dep	%
10L	12,157	68.1%	12,765	67.8%	1,428	71.9%	798	58.4%
10R	755	4.2%	1,056	5.6%	38	1.9%	137	10.0%
14	1,299	7.3%	790	4.2%	49	2.5%	28	2.0%
28L	41	0.2%	207	1.1%	4	0.2%	7	0.5%
28R	3,468	19.4%	3,675	19.5%	464	23.4%	376	27.5%
32	137	0.8%	322	1.7%	2	0.1%	21	1.5%
Total	**17,857**	**100%**	**18,815**	**100%**	**1,985**	**100%**	**1,367**	**100%**

	Total					
	Total Arr	%	Total Dep	%	Ops	%
10L	13,585	68.5%	13,563	67.2%	27,148	67.8%
10R	793	4.0%	1,193	5.9%	1,986	5.0%
14	1,348	6.8%	818	4.1%	2,166	5.4%
28L	45	0.2%	214	1.1%	259	0.6%
28R	3,932	19.8%	4,051	20.1%	7,983	19.9%
32	139	0.7%	343	1.7%	482	1.2%
Total	**19,842**	**100%**	**20,182**	**100%**	**40,024**	**100%**





4. A. Runway Use by Operations Category

The report depicts total of arrival and departures by runway, operational category, type and time of day for the month.

Legend

Day	7A – 10P
Night	10P – 7A
CAR	Cargo
COM	Commercial
GA	General Aviation
MIL	Military
UNK	Unknown

April-Day

Sum of Count(Operator Category)	Column Labels																						
	10L			10L Total	10R		10R Total	14			14 Total	28L			28L Total	28R		28R Total	32		32 Total	Grand Total
Row Labels	A	D			A	D		A	D	T		A	D	T		A	D		A	D		
CAR	4	19		23													5	5				28
COM	2942	2907		5849	27	49	76	150	96		246	4	12		16	612	572	1184	23	48	71	7442
GA	2373	2328		4701	259	337	596	524	733	1	1258	35	42	1	78	564	527	1091	297	240	537	8261
MIL	1	1		2																		2
UNK	6	4		10	4	2	6	19	35		54	1	1		2		3	3	20	9	29	104
(blank)	0	0		0		0	0															0
Grand Total	**5326**	**5259**		**10585**	**290**	**388**	**678**	**693**	**864**	**1**	**1558**	**40**	**55**	**1**	**96**	**1176**	**1107**	**2283**	**340**	**297**	**637**	**15837**

April-Night

Sum of Count(Operator Category)	Column Labels																						
	10L			10L Total	10R		10R Total	14			14 Total	28L			28L Total	28R		28R Total	32		32 Total	Grand Total
Row Labels	A	D	T		A	D		A	D			A	D			A	D		A	D		
CAR	48	29		77												11	12	23				100
COM	309	381		690		2	2	6	3		9					78	121	199		6	6	906
GA	144	213	1	358	15	17	32	30	43		73	2	1		3	37	66	103	11	39	50	619
UNK									2		2											2
Grand Total	**501**	**623**	**1**	**1125**	**15**	**19**	**34**	**36**	**48**		**84**	**2**	**1**		**3**	**126**	**199**	**325**	**11**	**45**	**56**	**1627**

May-Day

Sum of Count(Operator Category)	Column Labels																						
	10L			10L Total	10R		10R Total	14			14 Total	28L			28L Total	28R		28R Total	32		32 Total	Grand Total
Row Labels	A	D	T		A	D	T		A	D			A	D			A	D			A	D		
CAR	7	22		29					1		1							5	5				35
COM	2283	2288		4571	9	22		31	138	67	205			10	10	609	613	1222	26	44	70	6109
GA	1959	1864	1	3824	276	398	1	675	487	678	1165	53	70		123	575	583	1158	90	225	315	7260
MIL	1			1						1	1											2
UNK					1	4		5	20	30	50		2		2	1		1	3	24	27	85
(blank)		0		0												0	0	0				0
Grand Total	**4250**	**4174**	**1**	**8425**	**286**	**424**	**1**	**711**	**646**	**776**	**1422**	**53**	**82**		**135**	**1185**	**1201**	**2386**	**119**	**293**	**412**	**13491**

May-Night

Sum of Count(Operator Category)	Column Labels																						
	10L			10L Total	10R		10R Total	14			14 Total	28L			28L Total	28R		28R Total	32		32 Total	Grand Total
Row Labels	A	D			A	D		A	D			A	D			A	D		A	D		
CAR	43	25		68												11	9	20				88
COM	364	301		665	1		1	3	3		6		1		1	76	151	227		4	4	904
GA	133	161		294	16	69	85	38	40		78	5	3		8	33	54	87	4	23	27	579
UNK								1			1									3	3	4
Grand Total	**540**	**487**		**1027**	**17**	**69**	**86**	**42**	**43**		**85**	**5**	**4**		**9**	**120**	**214**	**334**	**4**	**30**	**34**	**1575**

June-Day

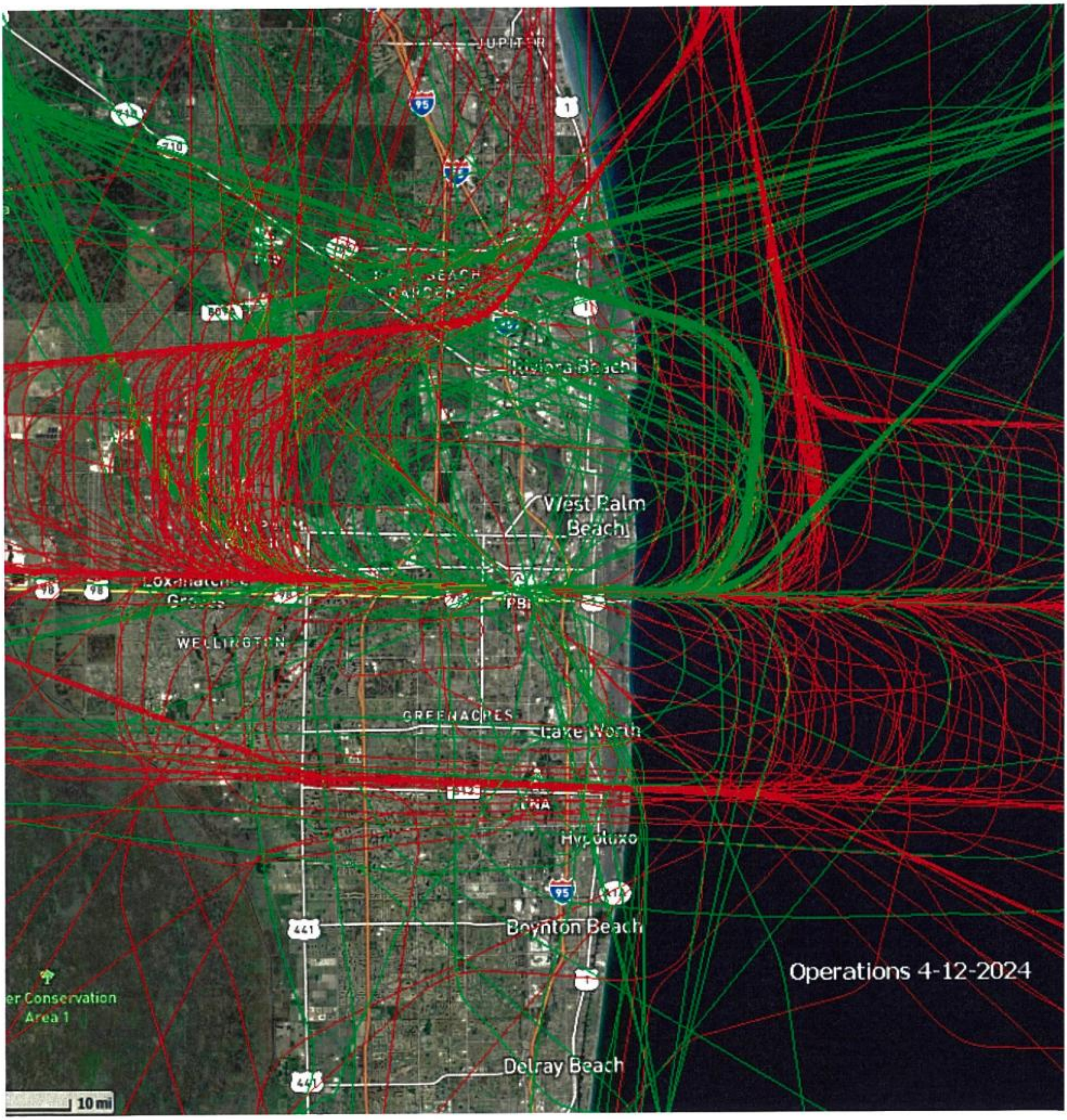
Sum of Count(Operator Category)	Column Labels																								
	10L			10L Total	10R			10R Total	14			14 Total	28L			28L Total	28R			28R Total	32			32 Total	Grand Total
Row Labels	A		D		A		D	T		A		D		A		D		A		D		A		D		
CAR		9	16	25							1	1						6	7	13					39
COM		1599	1600	3199		3	12		15	105	34	139		5	5		669	629	1298		6	15	21	4677
GA		1078	1061	2139		165	223	2	390	278	272	550		39	61	100	449	424	873		35	157	192	4244
MIL		1	1	2														1	1						3
UNK		8	8	16		1	2		3	8	16	24						2	1	3		2	9	11	57
Grand Total		**2695**	**2686**	**5381**		**169**	**237**	**2**	**408**	**391**	**323**	**714**		**39**	**66**	**105**		**1126**	**1062**	**2188**		**43**	**181**	**224**	**9020**

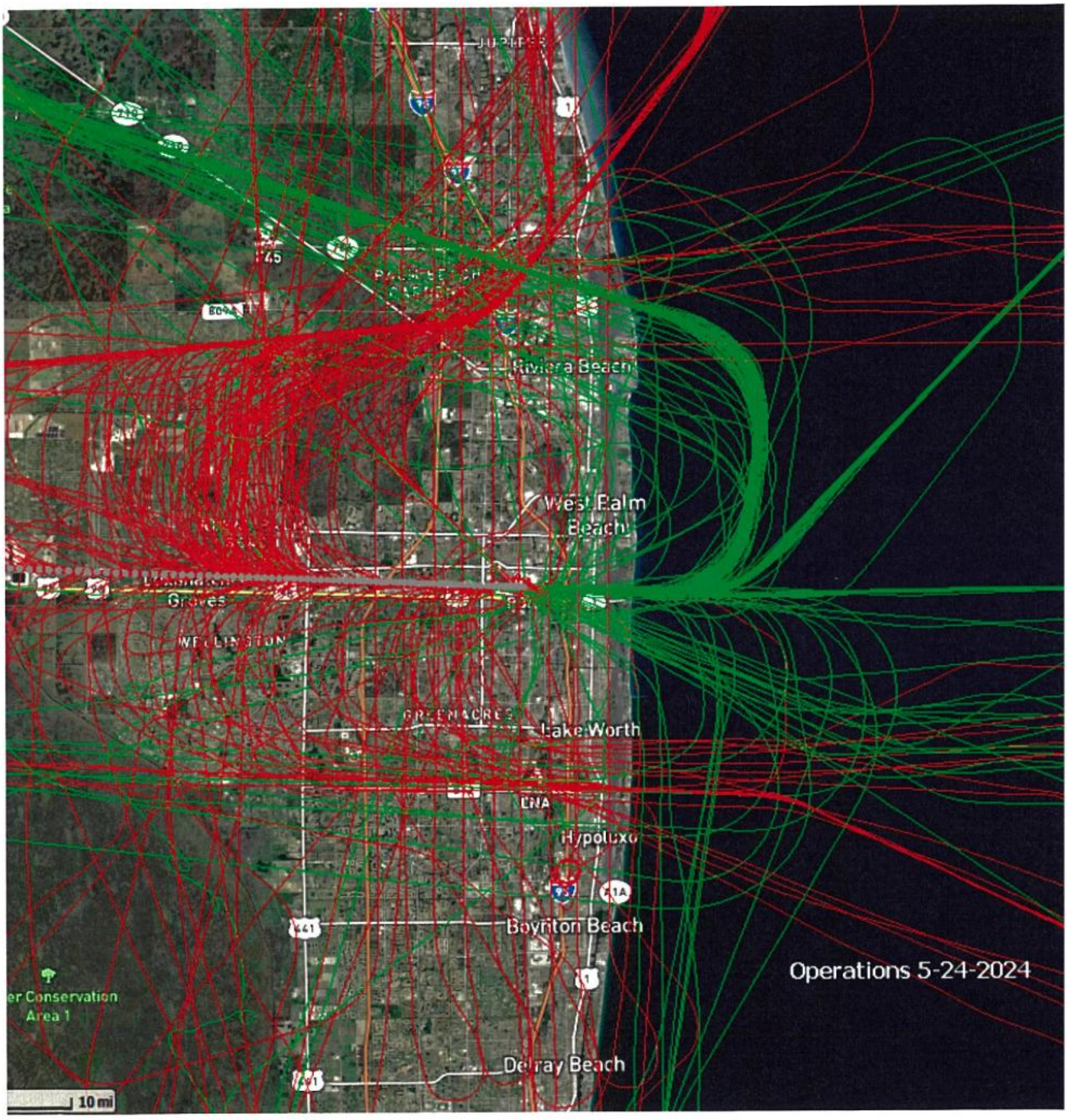
June-Night

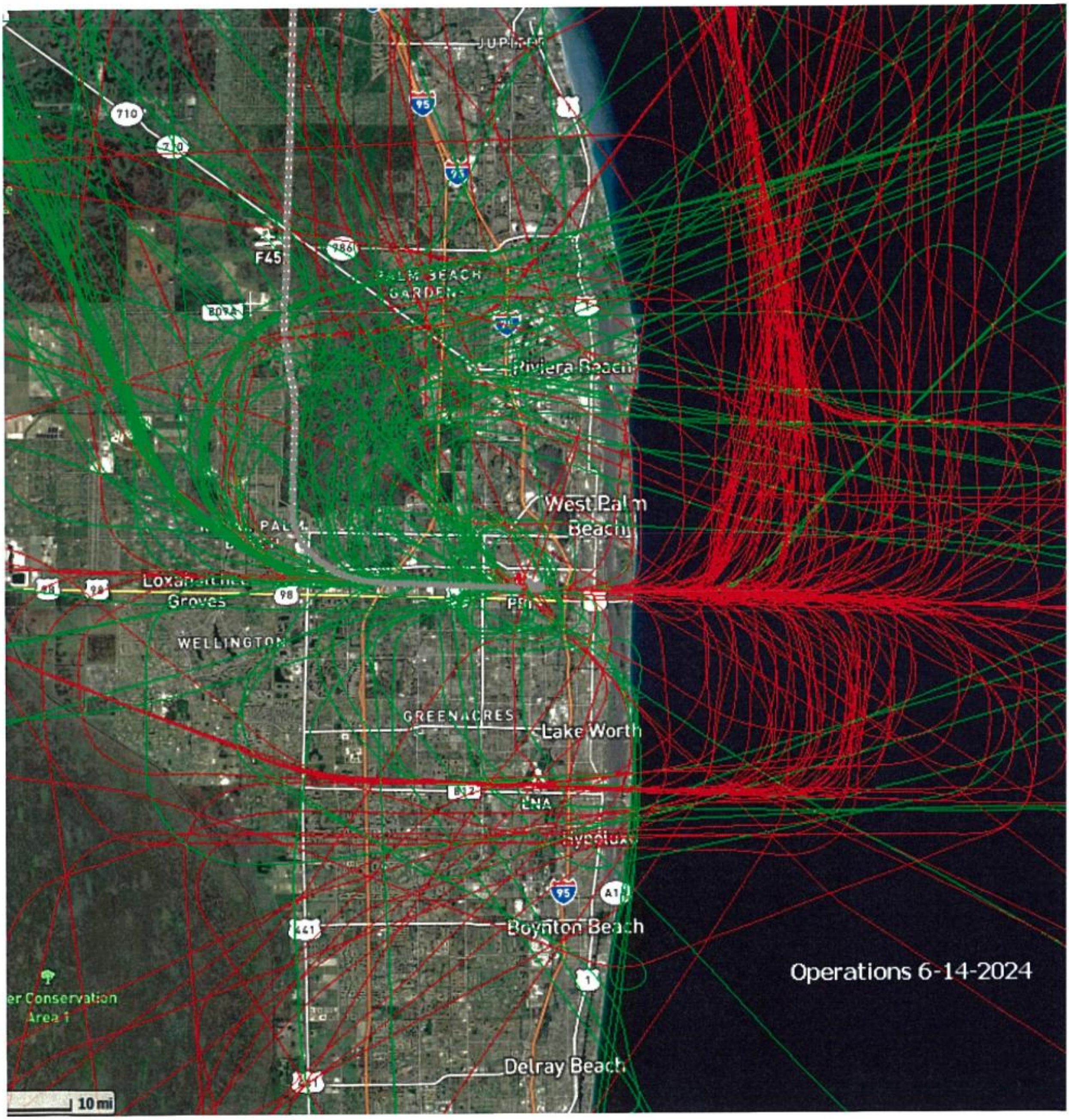
Sum of Count(Operator Category)	Column Labels																								
	10L			10L Total	10R			10R Total	14			14 Total	28L			28L Total	28R			28R Total	32			32 Total	Grand Total
Row Labels	A		D		A		D			A		D		A		D		A		D		A		D		
CAR		30	15	45														12	17	29					74
COM		202	219	421						2	1	3						145	179	324			3	3	751
GA		66	108	174		16	55		71	15	45	60		5	6	11		47	81	128		1	16	17	461
UNK						1			1		4	4						1		1					6
Grand Total		**298**	**342**	**640**		**17**	**55**		**72**	**17**	**50**	**67**		**5**	**6**	**11**		**205**	**277**	**482**		**1**	**19**	**20**	**1292**

5. Flight Tracks

Aircraft flight tracks for takeoffs and landings are generated using the FAA's Airport Surveillance Radar, and show the aircraft's approximate track over the ground. Typical landing and takeoff tracks from Runways 10L/28R, 10R/28L and 14/32 for three random dates during the quarter.


JUPITER
95
1
West Palm Beach
Riviera Beach
WELLINGTON
GREENACRES
Lake Worth
Hypoluxo
Boynton Beach
Delray Beach
441
10 mi
Operations 4-12-2024


Riviera Beach
West Palm Beach
Lake Worth
Boynton Beach
Delray Beach
Operations 5-24-2024
10 mi


JUPITER
710
95
F45
PALM BEACH GARDENS
Riviera Beach
West Palm Beach
Groves
WELLINGTON
GREENACRES
Lake Worth
LNA
Boynton Beach
Delray Beach
Operations 6-14-2024
10 mi